284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : AVE B

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2826

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q2826

1) Signature Page 3

2) Case Narrative 5

2.1) VOCMS Group1- Case Narrative 5

2.2) SVOCMS Group1- Case Narrative 7

2.3) PCB- Case Narrative 10

2.4) EPH_NF- Case Narrative 12

2.5) Metals-AES- Case Narrative 14

2.6) Metals-TCLP- Case Narrative 16

2.7) Genchem- Case Narrative 18

3) Qualifier Page 19

4) QA Checklist 21

5) VOCMS Group1 Data 22

6) SVOCMS Group1 Data 91

7) PCB Data 200

8) EPH_NF Data 311

9) Metals-AES Data 474

10) Metals-TCLP Data 537

11) Genchem Data 592

12) Shipping Document 618

12.1) CHAIN OF CUSTODY 619

12.2) Lab Certificate 620

12.3) Internal COC 621

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : NJ Project Number : - Ave B

Laboratory Sample ID(s) : Q2826 Sampling Date(s) : 08/11/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **,1030,1311,6010D,7470A,7471B,8082A,8260D,8270E,9012B,9034,9045D,9095B,NJEPH**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☐ Yes ☑ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☑ Yes ☐ No ☐ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Cover Page

Order ID : Q2826

Project ID : Ave B

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2826-01	WC1
Q2826-02	WC1

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 8/22/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Ave B
Project # N/A
Order ID # Q2826
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 08/11/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82Y081225S.M) for Methylene chloride passing on Linear regression.

The Continuous Calibration File ID VY023084.D met the requirements except for Chloroethane is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Ave B
Project # N/A
Order ID # Q2826
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 08/11/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Corrosivity, EPH_NF, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS and VOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df The samples were analyzed on instrument BNA_P using GC Column ZB-Semi Volatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for WC1 [2,4,6-Tribromophenol - 16%, 2-Fluorobiphenyl - 27%, 2-Fluorophenol - 25%, Nitrobenzene-d5 - 26%, Phenol-d6 - 28% and Terphenyl-d14 - 29%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS {Q2830-05MS} with File ID: BF143367.D recoveries met the requirements for all compounds except for 3-Nitroaniline[68%], 4-Chloroaniline[50%], bis(2-Ethylhexyl)phthalate[140%], Di-n-octyl phthalate[133%], these compounds did not meet the NJDKQP criteria but met the in-house criteria and Butylbenzylphthalate[150%], Di-n-butylphthalate[133%], these compounds did not meet the NJDKQP criteria and in-house criteria due to matrix interference therefore no corrective action is required.

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

The MSD {Q2830-05MSD} with File ID: BF143368.D recoveries met the acceptable requirements except for 2,3,4,6-Tetrachlorophenol[133%], 4,6-Dinitro-2-methylphenol[133%], 4-Chloroaniline[46%], bis(2-Ethylhexyl)phthalate[157%], these compounds did not meet the NJDKQP criteria but met the in-house criteria and Di-n-butylphthalate[142%], Butylbenzylphthalate[192%], these compounds did not meet the NJDKQP criteria and in-house criteria due to matrix interference, therefore no corrective action is required.

The RPD for {Q2830-05MSD} with File ID: BF143368.D met criteria except for 4-Nitroaniline[22%], 4-Nitrophenol[23%], Butylbenzylphthalate[25%], Caprolactam[22%], these compounds did not meet the NJDKQP criteria but met the in-house criteria, and Pyrene[31%], this compound did not meet the NJDKQP criteria and in-house criteria due to difference in results of MS and MSD .

The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% for certain compounds in the Initial Calibration (Method 8270-BF081225.M) for 2-Nitrophenol, Hexachlorocyclopentadiene, 2-Nitroaniline, 2,6-Dinitrotoluene, 4-Nitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylephenol, Pentachlorophenol, Butylbenzylphthalate, Bis(2-ethylhexylephthalate), Di-n-octyl phthalate. These Compounds is passing on Linear Regression . 2,4-Dinitrophenol are passing on Quadratic Regression.
.
The Continuous Calibration File ID BF143365.D met the requirements except for Bis(2-ethylhexyl)phthalate,Butylbenzylphthalate,Di-n-octyl phthalate and Pentachlorophenol but The associated samples have no positive hit of these compounds , therefore no corrective action was taken .

The Continuous Calibration File ID BP025455.D met the requirements except for Benzaldehyde and Hexachlorocyclopentadiene, The associate samples have no positive hit for these compounds therefore no corrective action was taken.
The Tuning criteria met requirements.

Samples WC1 analyzed with direct 2x dilution due to viscous and concentrated matrix

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Ave B
Project # N/A
Order ID # Q2826
Test Name: PCB

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 08/11/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID PO112880.D met the requirements except for Aroclor-1016(Peak-01) is failing in 1st column however it is passing in 2nd column therefore no corrective action taken.

The Continuous Calibration File ID PP074302.D met the requirements except for Aroclor-1016(Peak-02),Tetrachloro-m-xylene is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Ave B
Project # N/A
Order ID # Q2826
Test Name: EPH_NF

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 08/11/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH_NF. This data package contains results for EPH_NF.

C. Analytical Techniques:
The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis were performed on instrument FID_E. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis of EPH_NFs was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2830-03MS} with File ID: FC069649.D recoveries met the requirements for all compounds except for Aliphatic [n-Nonane (C9)- 27%] due to matrix interference.

The MSD {Q2830-03MSD} with File ID: FC069650.D recoveries met the requirements for all compounds except for Aliphatic [n-Nonane (C9)- 29%] due to matrix interference.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Ave B
Project # N/A
Order ID # Q2826
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 08/11/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Corrosivity, EPH_NF, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS and VOCMS Group1. This data package contains results for Mercury,Metals ICP-TAL.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate (POWDERMSD) analysis met criteria for all compounds except for Iron and Vanadium due to Chemical interference during Digestion process.
The Matrix Spike (POWDERMS) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Potassium, Selenium, Silver, Thallium and Vanadium due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate (POWDERMSD) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Potassium, Selenium, Silver and Vanadium due to Chemical interference during Digestion Process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (POWDERL) met criteria for all compounds except for Aluminum, Calcium, Chromium, Copper, Iron, Manganese and Zinc due to sample matrix interference.

E. Additional Comments:

The Post Digest Spike (POWDERA) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Potassium, Selenium, Silver and Vanadium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Ave B
Project # N/A
Order ID # Q2826
Test Name: TCLP ICP Metals,TCLP Mercury

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 08/11/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Corrosivity, EPH_NF, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS and VOCMS Group1. This data package contains results for TCLP ICP Metals,TCLP Mercury.

C. Analytical Techniques:

The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate (VNJ-238DUP) analysis met criteria for all compounds except for Barium due to sample matrix interference.
The Matrix Spike (VNJ-238MS) analysis met criteria for all compounds except for Barium due to Chemical Interference during Digestion process.
The Matrix Spike Duplicate analysis met criteria for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Ave B
Project # N/A
Order ID # Q2826
Test Name: Corrosivity,Ignitability,Paint Filter,pH,Reactive Cyanide,Reactive Sulfide

A. Number of Samples and Date of Receipt:
1 Water sample was received on 08/11/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Corrosivity,Ignitability,Paint Filter,pH,Reactive Cyanide,Reactive Sulfide. This data package contains results for Corrosivity, Ignitability, Paint Filter, pH, Reactive Cyanide, Reactive Sulfide.

C. Analytical Techniques:
The analysis of Ignitability was based on method 1030, The analysis of Reactive Cyanide was based on method 9012B, The analysis of Reactive Sulfide was based on method 9034, The analysis of Corrosivity,pH was based on method 9045D and The analysis of Paint Filter was based on method 9095B.

D. QA/ QC Samples:
The Holding Times were met for all samples except for WC1 of pH and for WC1 of Corrosivity as samples were receive out of holding time.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2826

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 08/22/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2826

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:								
				0				

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	5.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023099.D	1	08/14/25 16:44	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	5.50	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.50	ug/Kg
75-01-4	Vinyl Chloride	0.88	U	0.88	5.50	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.50	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.50	ug/Kg
67-64-1	Acetone	5.30	U	5.30	27.7	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.81	U	0.81	5.50	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.50	ug/Kg
75-09-2	Methylene Chloride	3.90	U	3.90	11.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.95	U	0.95	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.89	U	0.89	5.50	ug/Kg
110-82-7	Cyclohexane	0.88	U	0.88	5.50	ug/Kg
78-93-3	2-Butanone	7.20	U	7.20	27.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.83	U	0.83	5.50	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.50	ug/Kg
67-66-3	Chloroform	0.93	U	0.93	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.50	ug/Kg
71-43-2	Benzene	0.88	U	0.88	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.88	U	0.88	5.50	ug/Kg
79-01-6	Trichloroethene	0.90	U	0.90	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.00	U	1.00	5.50	ug/Kg
75-27-4	Bromodichloromethane	0.86	U	0.86	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	27.7	ug/Kg
108-88-3	Toluene	0.86	U	0.86	5.50	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	5.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023099.D	1	08/14/25 16:44	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.72	U	0.72	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.69	U	0.69	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
591-78-6	2-Hexanone	4.10	U	4.10	27.7	ug/Kg
124-48-1	Dibromochloromethane	0.96	U	0.96	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.98	U	0.98	5.50	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	5.50	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.74	U	0.74	5.50	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.1	ug/Kg
95-47-6	o-Xylene	0.91	U	0.91	5.50	ug/Kg
100-42-5	Styrene	0.79	U	0.79	5.50	ug/Kg
75-25-2	Bromoform	0.95	U	0.95	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.86	U	0.86	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.90	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	3.30	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	3.50	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.3		70 (63) - 130 (155)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		70 (70) - 130 (134)	107%	SPK: 50
2037-26-5	Toluene-d8	51.0		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.2		70 (17) - 130 (146)	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	266000	7.707			
540-36-3	1,4-Difluorobenzene	461000	8.609			
3114-55-4	Chlorobenzene-d5	381000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	151000	13.34			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	5.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023099.D	1	08/14/25 16:44	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2826

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2826-01	WC1	1,2-Dichloroethane-d4	50	55.3	111		70 (63)	130 (155)
		Dibromofluoromethane	50	53.4	107		70 (70)	130 (134)
		Toluene-d8	50	51.0	102		70 (74)	130 (123)
		4-Bromofluorobenzene	50	43.2	86		70 (17)	130 (146)
VY0814SBL01	VY0814SBL01	1,2-Dichloroethane-d4	50	57.9	116		70 (63)	130 (155)
		Dibromofluoromethane	50	53.5	107		70 (70)	130 (134)
		Toluene-d8	50	53.0	106		70 (74)	130 (123)
		4-Bromofluorobenzene	50	45.1	90		70 (17)	130 (146)
VY0814SBS01	VY0814SBS01	1,2-Dichloroethane-d4	50	50.3	101		70 (63)	130 (155)
		Dibromofluoromethane	50	50.1	100		70 (70)	130 (134)
		Toluene-d8	50	50.9	102		70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.7	95		70 (17)	130 (146)
VY0814SBSD01	VY0814SBSD01	1,2-Dichloroethane-d4	50	54.2	108		70 (63)	130 (155)
		Dibromofluoromethane	50	52.6	105		70 (70)	130 (134)
		Toluene-d8	50	52.7	105		70 (74)	130 (123)
		4-Bromofluorobenzene	50	50.8	102		70 (17)	130 (146)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023086.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0814SBS01	Dichlorodifluoromethane	20	20.0	ug/Kg	100			40 (64)	160 (136)	
	Chloromethane	20	23.1	ug/Kg	116			40 (52)	160 (151)	
	Vinyl chloride	20	23.1	ug/Kg	116			70 (56)	130 (148)	
	Bromomethane	20	23.3	ug/Kg	117			40 (58)	160 (141)	
	Chloroethane	20	23.5	ug/Kg	117			40 (69)	160 (130)	
	Trichlorofluoromethane	20	21.8	ug/Kg	109			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	20.9	ug/Kg	104			70 (81)	130 (123)	
	1,1-Dichloroethene	20	20.0	ug/Kg	100			70 (79)	130 (121)	
	Acetone	100	94.2	ug/Kg	94			40 (40)	160 (171)	
	Carbon disulfide	20	20.6	ug/Kg	103			40 (59)	160 (130)	
	Methyl tert-butyl Ether	20	17.9	ug/Kg	90			70 (77)	130 (129)	
	Methyl Acetate	20	17.8	ug/Kg	89			70 (69)	130 (149)	
	Methylene Chloride	20	20.4	ug/Kg	102			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	20	20.2	ug/Kg	101			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.7	ug/Kg	104			70 (82)	130 (123)	
	Cyclohexane	20	19.4	ug/Kg	97			70 (76)	130 (122)	
	2-Butanone	100	88.8	ug/Kg	89			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.1	ug/Kg	101			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	20.1	ug/Kg	101			70 (82)	130 (123)	
	Bromochloromethane	20	20.3	ug/Kg	102			70 (80)	130 (127)	
	Chloroform	20	20.6	ug/Kg	103			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.5	ug/Kg	103			70 (80)	130 (126)	
	Methylcyclohexane	20	18.7	ug/Kg	94			70 (77)	130 (123)	
	Benzene	20	20.3	ug/Kg	102			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.0	ug/Kg	100			70 (81)	130 (126)	
	Trichloroethene	20	20.5	ug/Kg	103			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.6	ug/Kg	103			70 (83)	130 (122)	
	Bromodichloromethane	20	20.0	ug/Kg	100			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	83.5	ug/Kg	84			40 (70)	160 (135)	
	Toluene	20	19.8	ug/Kg	99			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	18.5	ug/Kg	93			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	19.4	ug/Kg	97			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	18.7	ug/Kg	94			70 (82)	130 (125)	
	2-Hexanone	100	81.9	ug/Kg	82			40 (66)	160 (138)	
	Dibromochloromethane	20	18.8	ug/Kg	94			70 (79)	130 (125)	
	1,2-Dibromoethane	20	18.5	ug/Kg	93			70 (80)	130 (125)	
	Tetrachloroethene	20	21.5	ug/Kg	108			70 (83)	130 (125)	
	Chlorobenzene	20	19.7	ug/Kg	99			70 (84)	130 (122)	
	Ethyl Benzene	20	19.4	ug/Kg	97			70 (82)	130 (124)	
	m/p-Xylenes	40	38.9	ug/Kg	97			70 (83)	130 (124)	
	o-Xylene	20	19.0	ug/Kg	95			70 (83)	130 (123)	
	Styrene	20	19.2	ug/Kg	96			70 (82)	130 (124)	
	Bromoform	20	18.2	ug/Kg	91			70 (75)	130 (127)	
	Isopropylbenzene	20	19.3	ug/Kg	97			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	17.2	ug/Kg	86			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	19.5	ug/Kg	98			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	19.6	ug/Kg	98			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	19.2	ug/Kg	96			70 (83)	130 (124)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023086.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0814SBS01	1,2-Dibromo-3-Chloropropane	20	17.0	ug/Kg	85			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	17.6	ug/Kg	88			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	17.3	ug/Kg	86			70 (70)	130 (137)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023087.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0814SBSD01	Dichlorodifluoromethane	20	21.7	ug/Kg	109	9		40 (64)	160 (136)	30 (20)
	Chloromethane	20	24.5	ug/Kg	123	6		40 (52)	160 (151)	30 (20)
	Vinyl chloride	20	24.5	ug/Kg	123	6		70 (56)	130 (148)	30 (20)
	Bromomethane	20	25.2	ug/Kg	126	7		40 (58)	160 (141)	30 (20)
	Chloroethane	20	24.6	ug/Kg	123	5		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	22.0	ug/Kg	110	1		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	22.0	ug/Kg	110	6		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	21.3	ug/Kg	106	6		70 (79)	130 (121)	30 (20)
	Acetone	100	100	ug/Kg	100	6		40 (40)	160 (171)	30 (20)
	Carbon disulfide	20	22.0	ug/Kg	110	7		40 (59)	160 (130)	30 (20)
	Methyl tert-butyl Ether	20	20.1	ug/Kg	101	12		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	20.7	ug/Kg	104	16		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	22.8	ug/Kg	114	11		70 (72)	130 (131)	30 (20)
	trans-1,2-Dichloroethene	20	21.4	ug/Kg	107	6		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	22.0	ug/Kg	110	6		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	20.6	ug/Kg	103	6		70 (76)	130 (122)	30 (20)
	2-Butanone	100	99.2	ug/Kg	99	11		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	21.0	ug/Kg	105	4		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	21.4	ug/Kg	107	6		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	21.9	ug/Kg	110	8		70 (80)	130 (127)	30 (20)
	Chloroform	20	22.1	ug/Kg	111	7		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	21.7	ug/Kg	109	6		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	19.7	ug/Kg	99	5		70 (77)	130 (123)	30 (20)
	Benzene	20	21.5	ug/Kg	108	6		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	21.0	ug/Kg	105	5		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	20.7	ug/Kg	104	1		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	21.3	ug/Kg	106	3		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	21.3	ug/Kg	106	6		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	96.5	ug/Kg	97	14		40 (70)	160 (135)	30 (20)
	Toluene	20	21.1	ug/Kg	106	7		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	20.4	ug/Kg	102	9		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	20.6	ug/Kg	103	6		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	20.7	ug/Kg	104	10		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	95.5	ug/Kg	96	16		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	20.4	ug/Kg	102	8		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	20.5	ug/Kg	103	10		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	19.6	ug/Kg	98	10		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	21.1	ug/Kg	106	7		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	20.4	ug/Kg	102	5		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	41.7	ug/Kg	104	7		70 (83)	130 (124)	30 (20)
	o-Xylene	20	20.5	ug/Kg	103	8		70 (83)	130 (123)	30 (20)
	Styrene	20	20.6	ug/Kg	103	7		70 (82)	130 (124)	30 (20)
	Bromoform	20	20.3	ug/Kg	102	11		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	20.1	ug/Kg	101	4		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	20.9	ug/Kg	104	19		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	21.0	ug/Kg	105	7		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	20.8	ug/Kg	104	6		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	20.7	ug/Kg	104	8		70 (83)	130 (124)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023087.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0814SBSD01	1,2-Dibromo-3-Chloropropane	20	19.3	ug/Kg	97	13		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	19.2	ug/Kg	96	9		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	19.0	ug/Kg	95	10		70 (70)	130 (137)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE METHOD BLANK SUMMARY

Client ID: VY0814SBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2826

Lab File ID: VY023085.D | Lab Sample ID: VY0814SBL01

Date Analyzed: 08/14/2025 | Time Analyzed: 10:50

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0814SBS01	VY0814SBS01	VY023086.D	08/14/2025
VY0814SBSD01	VY0814SBSD01	VY023087.D	08/14/2025
WC1	Q2826-01	VY023099.D	08/14/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q2826
Lab File ID: VY023048.D
BFB Injection Date: 08/12/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 08:26
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.2
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	83.2
175	5.0 - 9.0% of mass 174	6.3 (7.6) 1
176	95.0 - 101.0% of mass 174	80.9 (97.2) 1
177	5.0 - 9.0% of mass 176	5.1 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023050.D	08/12/2025	14:54
VSTDICC010	VSTDICC010	VY023051.D	08/12/2025	15:17
VSTDICC020	VSTDICC020	VY023052.D	08/12/2025	15:40
VSTDICCC050	VSTDICCC050	VY023053.D	08/12/2025	16:02
VSTDICC100	VSTDICC100	VY023054.D	08/12/2025	16:25
VSTDICC150	VSTDICC150	VY023055.D	08/12/2025	16:47

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2826

Lab File ID: VY023083.D | BFB Injection Date: 08/14/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 09:48

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 60.0% of mass 95	52.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (0.7) 1
174	50.0 - 100.0% of mass 95	84
175	5.0 - 9.0% of mass 174	6.4 (7.6) 1
176	95.0 - 101.0% of mass 174	81.2 (96.6) 1
177	5.0 - 9.0% of mass 176	5.2 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023084.D	08/14/2025	10:17
VY0814SBL01	VY0814SBL01	VY023085.D	08/14/2025	10:50
VY0814SBS01	VY0814SBS01	VY023086.D	08/14/2025	11:22
VY0814SBSD01	VY0814SBSD01	VY023087.D	08/14/2025	11:45
WC1	Q2826-01	VY023099.D	08/14/2025	16:44

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: VY023084.D Date Analyzed: 08/14/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:17

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	410930	7.71	647551	8.62	582049	11.41
UPPER LIMIT	821860	8.207	1295100	9.116	1164100	11.914
LOWER LIMIT	205465	7.207	323776	8.116	291025	10.914
EPA SAMPLE NO.						
WC1	266207	7.71	460667	8.61	381025	11.41
VY0814SBL01	514218	7.71	1013413	8.62	885359	11.41
VY0814SBS01	455827	7.71	734618	8.61	641778	11.41
VY0814SBSD01	440114	7.71	717756	8.61	626725	11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: VY023084.D Date Analyzed: 08/14/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:17

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	290049	13.346				
UPPER LIMIT	580098	13.846				
LOWER LIMIT	145025	12.846				
EPA SAMPLE NO.						
WC1	151348	13.34				
VY0814SBL01	340788	13.35				
VY0814SBS01	309825	13.34				
VY0814SBSD01	312365	13.34				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBL01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023085.D	1	08/14/25 10:50	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBL01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023085.D	1	08/14/25 10:50	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.9		70 (63) - 130 (155)	116%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		70 (70) - 130 (134)	107%	SPK: 50
2037-26-5	Toluene-d8	53.0		70 (74) - 130 (123)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		70 (17) - 130 (146)	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	514000	7.707			
540-36-3	1,4-Difluorobenzene	1010000	8.616			
3114-55-4	Chlorobenzene-d5	885000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	341000	13.346			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBL01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023085.D	1	08/14/25 10:50	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBS01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023086.D	1	08/14/25 11:22	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.0		1.10	5.00	ug/Kg
74-87-3	Chloromethane	23.1		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	23.1		0.79	5.00	ug/Kg
74-83-9	Bromomethane	23.3		1.10	5.00	ug/Kg
75-00-3	Chloroethane	23.5		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.8		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.9		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.0		1.00	5.00	ug/Kg
67-64-1	Acetone	94.2		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.6		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	17.9		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	17.8		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.4		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.2		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.7		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.4		0.79	5.00	ug/Kg
78-93-3	2-Butanone	88.8		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.1		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.1		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.3		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.6		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.5		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.7		0.91	5.00	ug/Kg
71-43-2	Benzene	20.3		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.0		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.6		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.0		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	83.5		3.60	25.0	ug/Kg
108-88-3	Toluene	19.8		0.78	5.00	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBS01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023086.D	1	08/14/25 11:22	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	18.5		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.4		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	18.7		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	81.9		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	18.8		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	18.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.5		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.4		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	38.9		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.0		0.82	5.00	ug/Kg
100-42-5	Styrene	19.2		0.71	5.00	ug/Kg
75-25-2	Bromoform	18.2		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.3		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	17.2		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.6		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.2		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	17.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	17.6		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	17.3		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.3		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	50.9		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		70 (17) - 130 (146)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	456000	7.707			
540-36-3	1,4-Difluorobenzene	735000	8.609			
3114-55-4	Chlorobenzene-d5	642000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	310000	13.34			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBS01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023086.D	1	08/14/25 11:22	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBSD01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023087.D	1	08/14/25 11:45	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	24.5		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	24.5		0.79	5.00	ug/Kg
74-83-9	Bromomethane	25.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	24.6		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	22.0		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.0		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.3		1.00	5.00	ug/Kg
67-64-1	Acetone	100		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.0		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.1		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	22.8		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.4		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.0		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.6		0.79	5.00	ug/Kg
78-93-3	2-Butanone	99.2		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.0		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.4		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.1		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.7		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.7		0.91	5.00	ug/Kg
71-43-2	Benzene	21.5		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.0		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.7		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.3		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.3		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	96.5		3.60	25.0	ug/Kg
108-88-3	Toluene	21.1		0.78	5.00	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBSD01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023087.D	1	08/14/25 11:45	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.6		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.7		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	95.5		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.4		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.1		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.4		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.7		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.5		0.82	5.00	ug/Kg
100-42-5	Styrene	20.6		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.3		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.1		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.0		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.8		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.3		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.2		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.0		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.2		70 (63) - 130 (155)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		70 (70) - 130 (134)	105%	SPK: 50
2037-26-5	Toluene-d8	52.7		70 (74) - 130 (123)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		70 (17) - 130 (146)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	440000	7.707			
540-36-3	1,4-Difluorobenzene	718000	8.609			
3114-55-4	Chlorobenzene-d5	627000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	312000	13.34			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBSD01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023087.D	1	08/14/25 11:45	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2826

Instrument ID: MSVOA_Y | Calibration Date(s): 08/12/2025 08/12/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 14:54 16:47

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

LAB FILE ID: RRF005 = VY023050.D RRF010 = VY023051.D RRF020 = VY023052.D
RRF050 = VY023053.D RRF100 = VY023054.D RRF150 = VY023055.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.487	0.463	0.460	0.348	0.337	0.354	0.408	16.8
Chloromethane	0.699	0.707	0.736	0.607	0.603	0.613	0.661	9
Vinyl Chloride	0.868	0.870	0.875	0.769	0.754	0.766	0.817	7.3
Bromomethane	0.673	0.638	0.653	0.540	0.576	0.581	0.610	8.5
Chloroethane	0.585	0.567	0.569	0.515	0.508	0.516	0.543	6.2
Trichlorofluoromethane	1.059	1.044	1.048	0.937	0.900	0.974	0.994	6.7
1,1,2-Trichlorotrifluoroethane	0.522	0.519	0.521	0.462	0.445	0.472	0.490	7
1,1-Dichloroethene	0.492	0.505	0.502	0.463	0.454	0.475	0.482	4.4
Acetone	0.110	0.111	0.106	0.103	0.094	0.096	0.103	6.9
Carbon Disulfide	1.656	1.663	1.662	1.491	1.453	1.501	1.571	6.3
Methyl tert-butyl Ether	1.181	1.268	1.296	1.236	1.202	1.308	1.249	4.1
Methyl Acetate	0.299	0.308	0.325	0.322	0.280	0.309	0.307	5.4
Methylene Chloride	0.861	0.706	0.606	0.510	0.511	0.524	0.620	22.7
trans-1,2-Dichloroethene	0.535	0.561	0.559	0.523	0.520	0.550	0.541	3.3
1,1-Dichloroethane	0.929	0.969	0.984	0.918	0.907	0.945	0.942	3.1
Cyclohexane	1.040	0.934	0.905	0.816	0.792	0.838	0.888	10.4
2-Butanone	0.135	0.152	0.143	0.142	0.129	0.142	0.140	5.5
Carbon Tetrachloride	0.490	0.486	0.505	0.466	0.466	0.484	0.483	3.1
cis-1,2-Dichloroethene	0.621	0.624	0.645	0.607	0.610	0.648	0.626	2.8
Bromochloromethane	0.367	0.379	0.393	0.365	0.367	0.371	0.374	2.9
Chloroform	0.969	0.997	1.002	0.943	0.936	0.981	0.971	2.8
1,1,1-Trichloroethane	0.862	0.877	0.899	0.837	0.833	0.864	0.862	2.8
Methylcyclohexane	0.574	0.579	0.605	0.566	0.575	0.614	0.586	3.3
Benzene	1.354	1.375	1.430	1.334	1.334	1.395	1.370	2.8
1,2-Dichloroethane	0.353	0.370	0.371	0.347	0.339	0.359	0.356	3.6
Trichloroethene	0.354	0.355	0.373	0.341	0.342	0.359	0.354	3.3
1,2-Dichloropropane	0.303	0.321	0.326	0.309	0.309	0.325	0.315	3.1
Bromodichloromethane	0.446	0.464	0.489	0.459	0.456	0.481	0.466	3.5
4-Methyl-2-Pentanone	0.168	0.201	0.200	0.199	0.190	0.211	0.195	7.7
Toluene	0.817	0.851	0.902	0.858	0.873	0.921	0.870	4.3

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2826

Instrument ID: MSVOA_Y | Calibration Date(s): 08/12/2025 08/12/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 14:54 16:47

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

LAB FILE ID: RRF005 = VY023050.D RRF010 = VY023051.D RRF020 = VY023052.D
RRF050 = VY023053.D RRF100 = VY023054.D RRF150 = VY023055.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.377	0.410	0.435	0.420	0.428	0.459	0.422	6.5
cis-1,3-Dichloropropene	0.457	0.486	0.513	0.496	0.500	0.540	0.499	5.5
1,1,2-Trichloroethane	0.230	0.242	0.253	0.239	0.236	0.254	0.242	4
2-Hexanone	0.112	0.134	0.137	0.136	0.131	0.146	0.133	8.6
Dibromochloromethane	0.300	0.317	0.326	0.318	0.316	0.340	0.320	4.1
1,2-Dibromoethane	0.206	0.232	0.237	0.226	0.222	0.242	0.228	5.6
Tetrachloroethene	0.477	0.463	0.475	0.435	0.393	0.437	0.446	7.2
Chlorobenzene	1.062	1.070	1.116	1.055	1.057	1.111	1.079	2.6
Ethyl Benzene	1.775	1.795	1.894	1.859	1.858	1.956	1.856	3.6
m/p-Xylenes	0.676	0.699	0.745	0.718	0.737	0.774	0.725	4.8
o-Xylene	0.605	0.643	0.696	0.686	0.702	0.742	0.679	7.1
Styrene	0.945	1.023	1.140	1.123	1.176	1.254	1.110	10
Bromoform	0.197	0.213	0.216	0.214	0.213	0.231	0.214	5
Isopropylbenzene	3.420	3.483	3.602	3.505	3.514	3.650	3.529	2.4
1,1,2,2-Tetrachloroethane	0.584	0.647	0.605	0.585	0.581	0.613	0.603	4.2
1,3-Dichlorobenzene	1.600	1.642	1.701	1.610	1.656	1.752	1.660	3.5
1,4-Dichlorobenzene	1.687	1.657	1.680	1.601	1.597	1.660	1.647	2.3
1,2-Dichlorobenzene	1.410	1.472	1.496	1.420	1.438	1.499	1.456	2.7
1,2-Dibromo-3-Chloropropane	0.093	0.096	0.094	0.095	0.086	0.098	0.094	4.3
1,2,4-Trichlorobenzene	0.788	0.839	0.881	0.847	0.856	0.955	0.861	6.4
1,2,3-Trichlorobenzene	0.685	0.733	0.752	0.720	0.727	0.834	0.742	6.7
1,2-Dichloroethane-d4	0.491	0.490	0.482	0.462	0.472	0.462	0.477	2.7
Dibromofluoromethane	0.290	0.299	0.301	0.293	0.307	0.305	0.299	2.1
Toluene-d8	1.151	1.157	1.173	1.143	1.202	1.186	1.169	1.9
4-Bromofluorobenzene	0.358	0.367	0.367	0.370	0.399	0.394	0.376	4.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2826
Instrument ID: MSVOA_Y
Calibration Date/Time: 08/14/2025 10:17
Lab File ID: VY023084.D
Init. Calib. Date(s): 08/12/2025 08/12/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 14:54 16:47
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.408	0.368		-9.8	20
Chloromethane	0.661	0.738	0.1	11.65	20
Vinyl Chloride	0.817	0.946		15.79	20
Bromomethane	0.610	0.701		14.92	20
Chloroethane	0.543	0.665		22.47	20
Trichlorofluoromethane	0.994	1.067		7.34	20
1,1,2-Trichlorotrifluoroethane	0.490	0.530		8.16	20
1,1-Dichloroethene	0.482	0.512		6.22	20
Acetone	0.103	0.106		2.91	20
Carbon Disulfide	1.571	1.688		7.45	20
Methyl tert-butyl Ether	1.249	1.278		2.32	20
Methyl Acetate	0.307	0.311		1.3	20
Methylene Chloride	0.620	0.608		-1.93	20
trans-1,2-Dichloroethene	0.541	0.599		10.72	20
1,1-Dichloroethane	0.942	1.065	0.1	13.06	20
Cyclohexane	0.888	0.899		1.24	20
2-Butanone	0.140	0.142		1.43	20
Carbon Tetrachloride	0.483	0.543		12.42	20
cis-1,2-Dichloroethene	0.626	0.688		9.9	20
Bromochloromethane	0.374	0.440		17.65	20
Chloroform	0.971	1.102		13.49	20
1,1,1-Trichloroethane	0.862	0.962		11.6	20
Methylcyclohexane	0.586	0.637		8.7	20
Benzene	1.370	1.568		14.45	20
1,2-Dichloroethane	0.356	0.398		11.8	20
Trichloroethene	0.354	0.397		12.15	20
1,2-Dichloropropane	0.315	0.366		16.19	20
Bromodichloromethane	0.466	0.532		14.16	20
4-Methyl-2-Pentanone	0.195	0.203		4.1	20
Toluene	0.870	1.000		14.94	20
t-1,3-Dichloropropene	0.422	0.465		10.19	20
cis-1,3-Dichloropropene	0.499	0.557		11.62	20
1,1,2-Trichloroethane	0.242	0.267		10.33	20
2-Hexanone	0.133	0.137		3.01	20
Dibromochloromethane	0.320	0.358		11.88	20
1,2-Dibromoethane	0.228	0.247		8.33	20
Tetrachloroethene	0.446	0.495		10.99	20
Chlorobenzene	1.079	1.192	0.3	10.47	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2826

Instrument ID: MSVOA_Y | Calibration Date/Time: 08/14/2025 10:17

Lab File ID: VY023084.D | Init. Calib. Date(s): 08/12/2025 08/12/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 14:54 16:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.856	2.084		12.28	20
m/p-Xylenes	0.725	0.824		13.65	20
o-Xylene	0.679	0.765		12.67	20
Styrene	1.110	1.298		16.94	20
Bromoform	0.214	0.221	0.1	3.27	20
Isopropylbenzene	3.529	3.976		12.67	20
1,1,2,2-Tetrachloroethane	0.603	0.622	0.3	3.15	20
1,3-Dichlorobenzene	1.660	1.864		12.29	20
1,4-Dichlorobenzene	1.647	1.816		10.26	20
1,2-Dichlorobenzene	1.456	1.620		11.26	20
1,2-Dibromo-3-Chloropropane	0.094	0.097		3.19	20
1,2,4-Trichlorobenzene	0.861	0.892		3.6	20
1,2,3-Trichlorobenzene	0.742	0.759		2.29	20
1,2-Dichloroethane-d4	0.477	0.540		13.21	20
Dibromofluoromethane	0.299	0.344		15.05	20
Toluene-d8	1.169	1.352		15.65	20
4-Bromofluorobenzene	0.376	0.427		13.56	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Time: Aug 18 01:28:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	266207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	460667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	381025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	151348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	140324	55.308	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.620%			
35) Dibromofluoromethane	7.628	113	147151	53.384	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.760%			
50) Toluene-d8	10.103	98	549595	51.038	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.080%			
62) 4-Bromofluorobenzene	12.401	95	149480	43.164	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.320%			

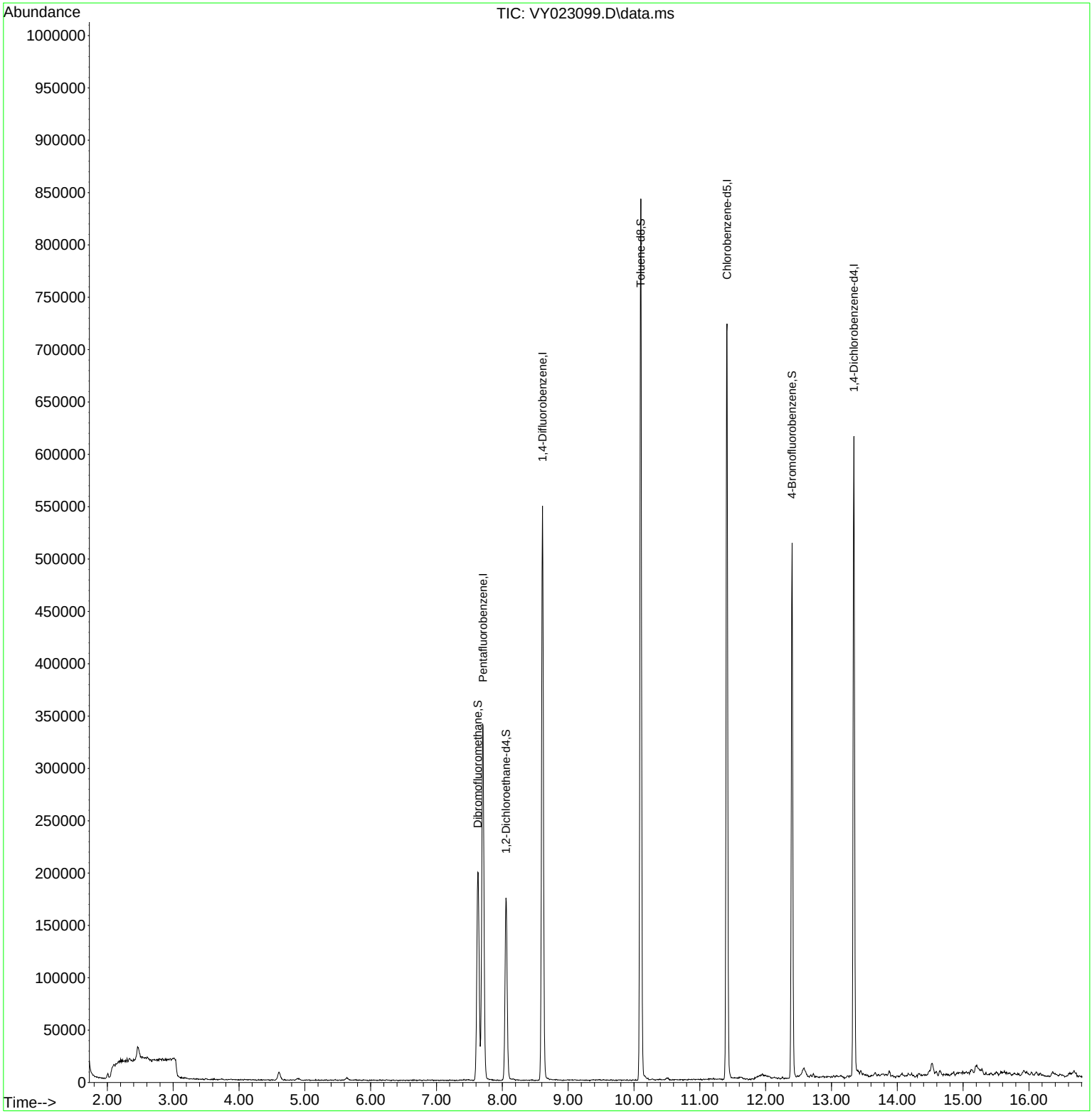
Target Compounds Qvalue

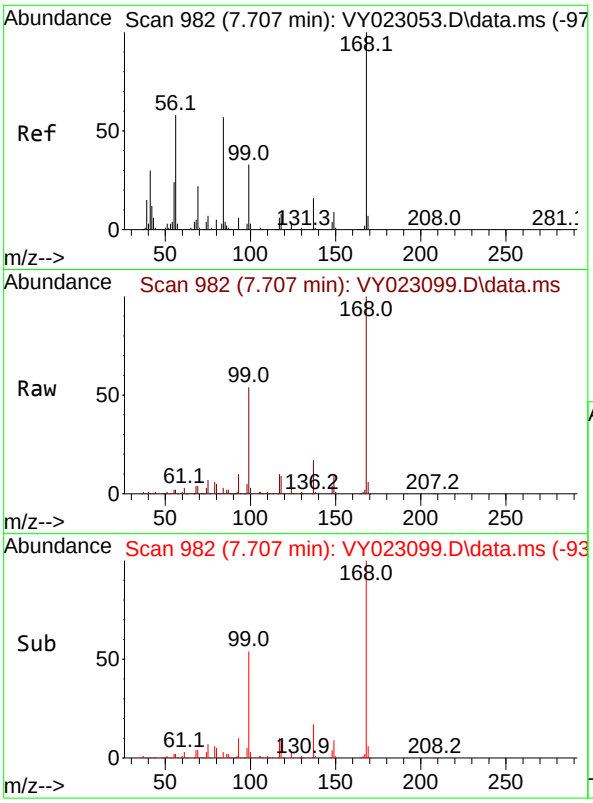
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Time: Aug 18 01:28:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration



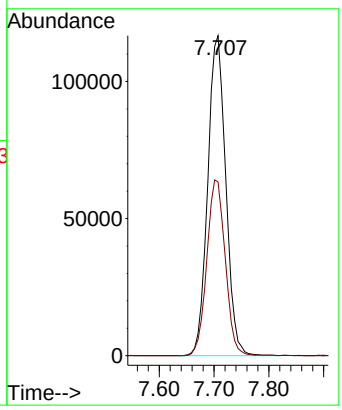


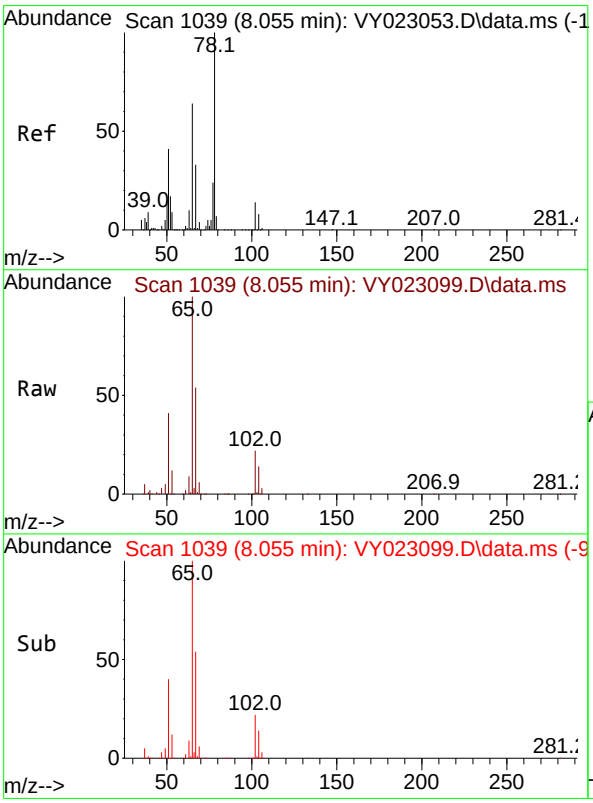
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Tgt Ion:168 Resp: 266207

Ion	Ratio	Lower	Upper
168	100		
99	54.3	42.8	64.2

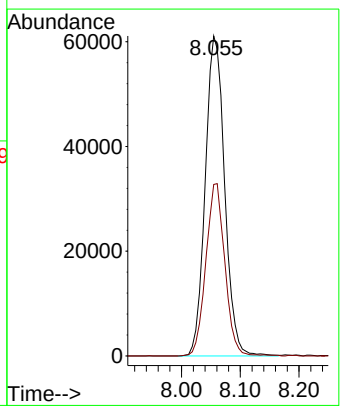


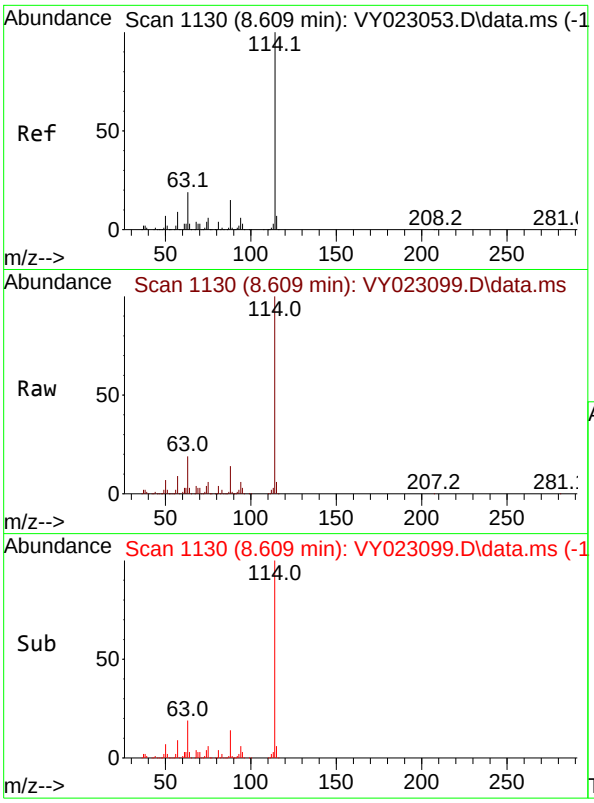


#33
1,2-Dichloroethane-d4
Concen: 55.308 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Tgt Ion: 65 Resp: 140324

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.8



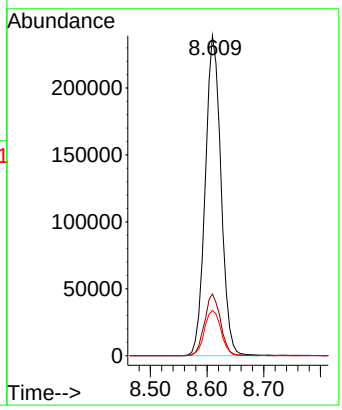


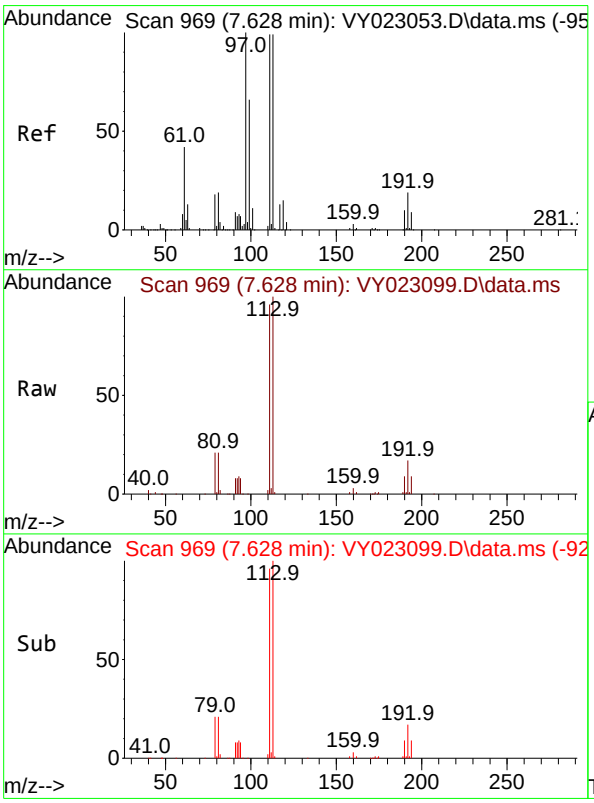
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Tgt Ion:114 Resp: 460667

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	14.1	0.0	30.0

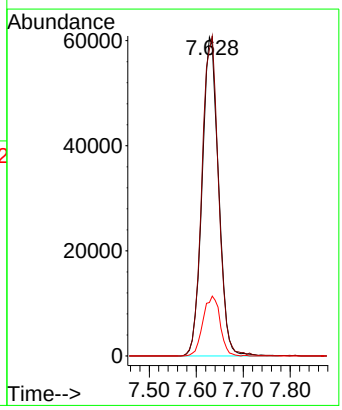


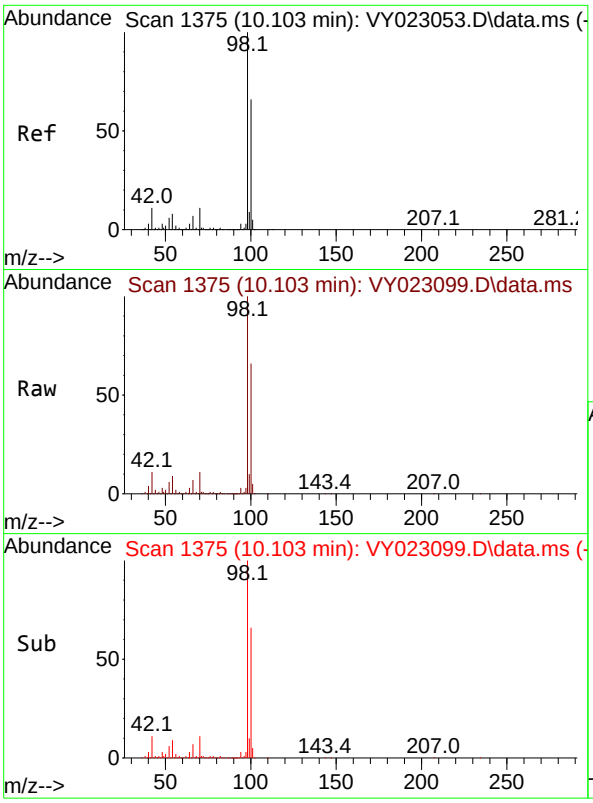


#35
Dibromofluoromethane
Concen: 53.384 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Tgt Ion:113 Resp: 147151

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.1	121.7
192	19.5	16.2	24.4



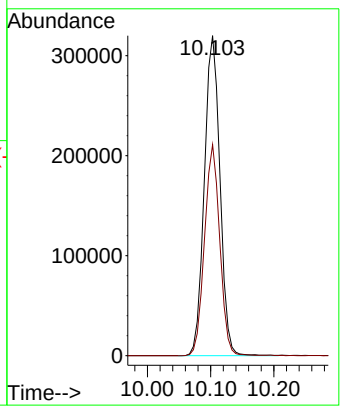


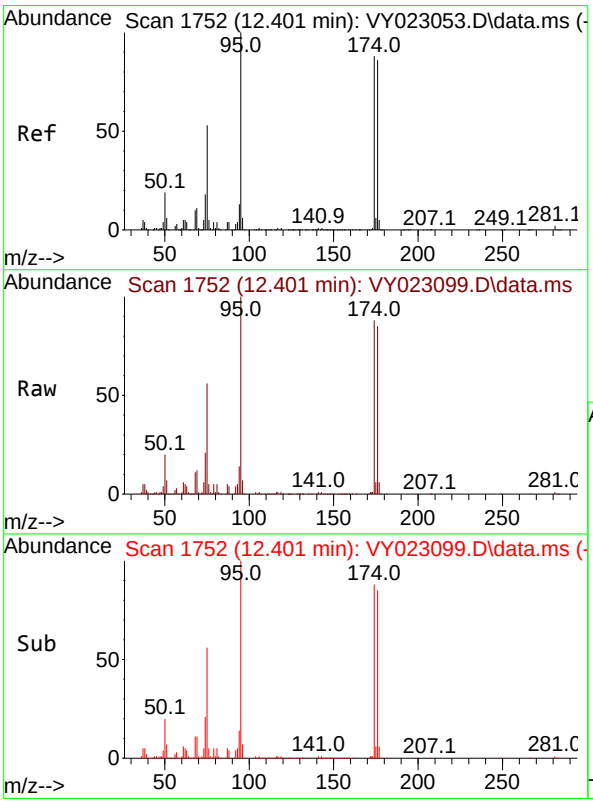
#50
Toluene-d8
Concen: 51.038 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Tgt Ion: 98 Resp: 549595

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.3	78.5

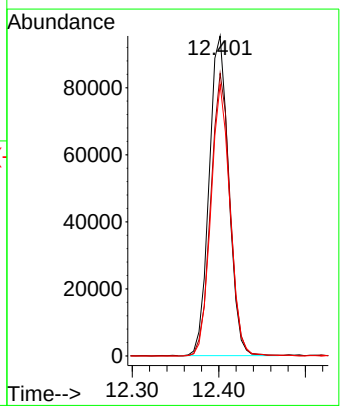


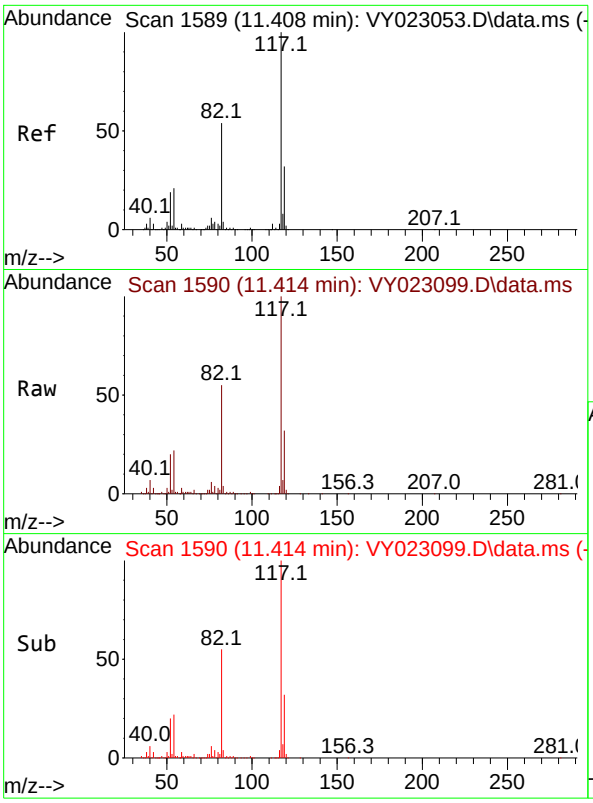


#62
4-Bromofluorobenzene
Concen: 43.164 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Tgt Ion: 95 Resp: 149480

Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	171.6
176	83.4	0.0	167.6



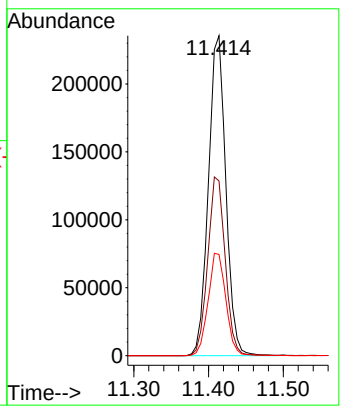


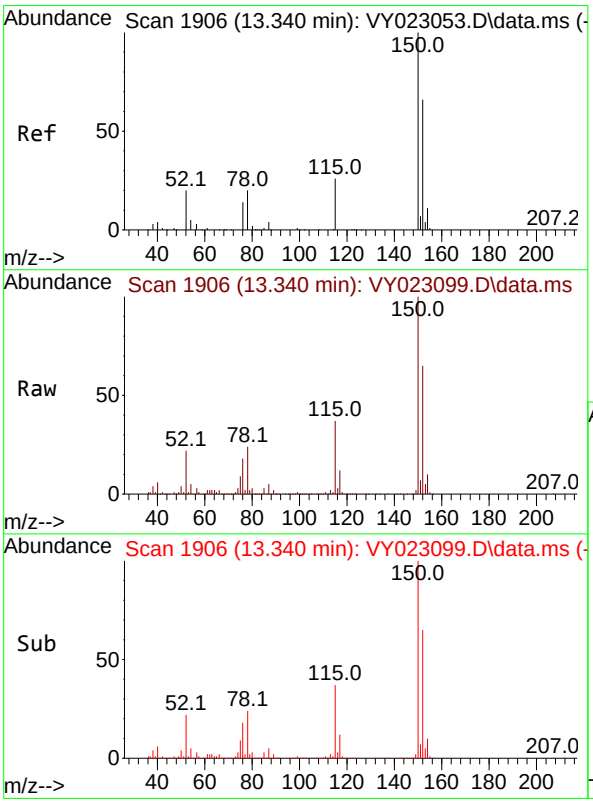
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Tgt Ion:117 Resp: 381025

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.4	65.0
119	31.6	25.6	38.4

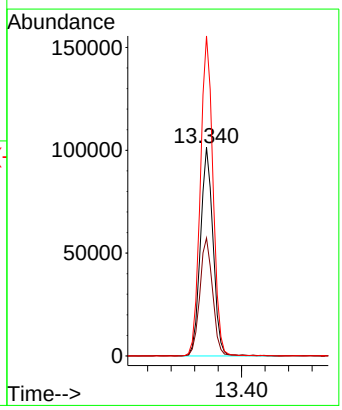




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Tgt Ion:152 Resp: 151348

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.2	84.6
150	153.8	0.0	348.0



Sample Results: **VY023099.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Title : SW846 8260

Signal : TIC: VY023099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.098	52	62	65	rBV5	11737	37870	2.62%	0.520%
2	2.458	118	121	128	rVB7	9900	21339	1.48%	0.293%
3	4.610	464	474	480	rBV5	7759	22415	1.55%	0.308%
4	7.628	957	969	975	rBV2	199243	494016	34.19%	6.782%
5	7.701	975	981	993	rVB	339841	791730	54.80%	10.870%
6	8.055	1026	1039	1050	rBV	174401	400489	27.72%	5.498%
7	8.609	1121	1130	1143	rBV	548797	1073116	74.27%	14.733%
8	10.103	1367	1375	1384	rBV	842064	1444853	100.00%	19.836%
9	11.414	1581	1590	1600	rBV	721812	1198596	82.96%	16.455%
10	12.401	1745	1752	1763	rBV	510912	803025	55.58%	11.025%
11	12.584	1768	1782	1791	rVV10	8337	33118	2.29%	0.455%
12	13.340	1899	1906	1915	rBV	610766	930076	64.37%	12.769%
13	14.529	2089	2101	2107	rBV8	10683	33291	2.30%	0.457%

Sum of corrected areas: 7283934

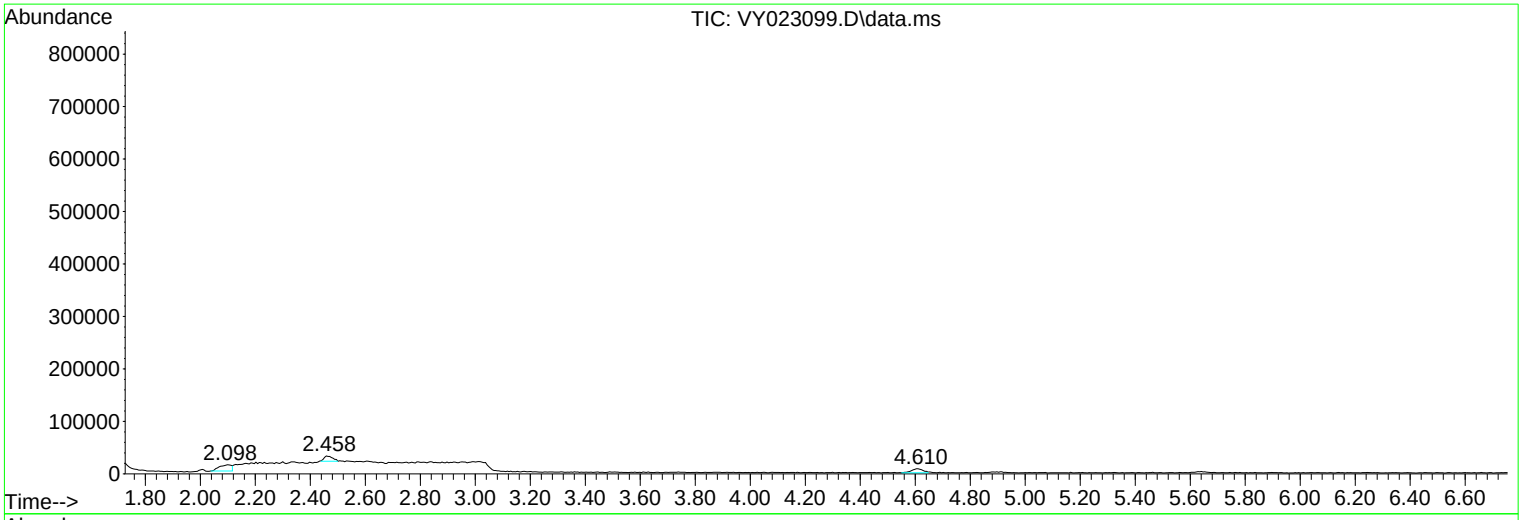
Sample Results: **VY023099.D**

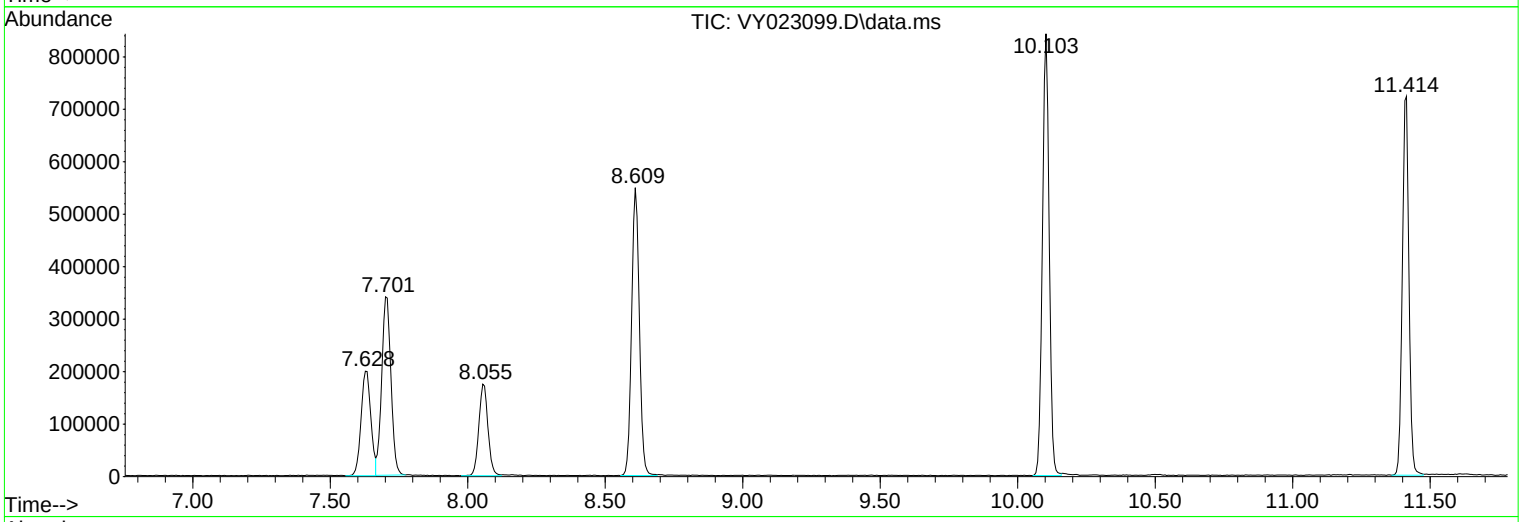
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

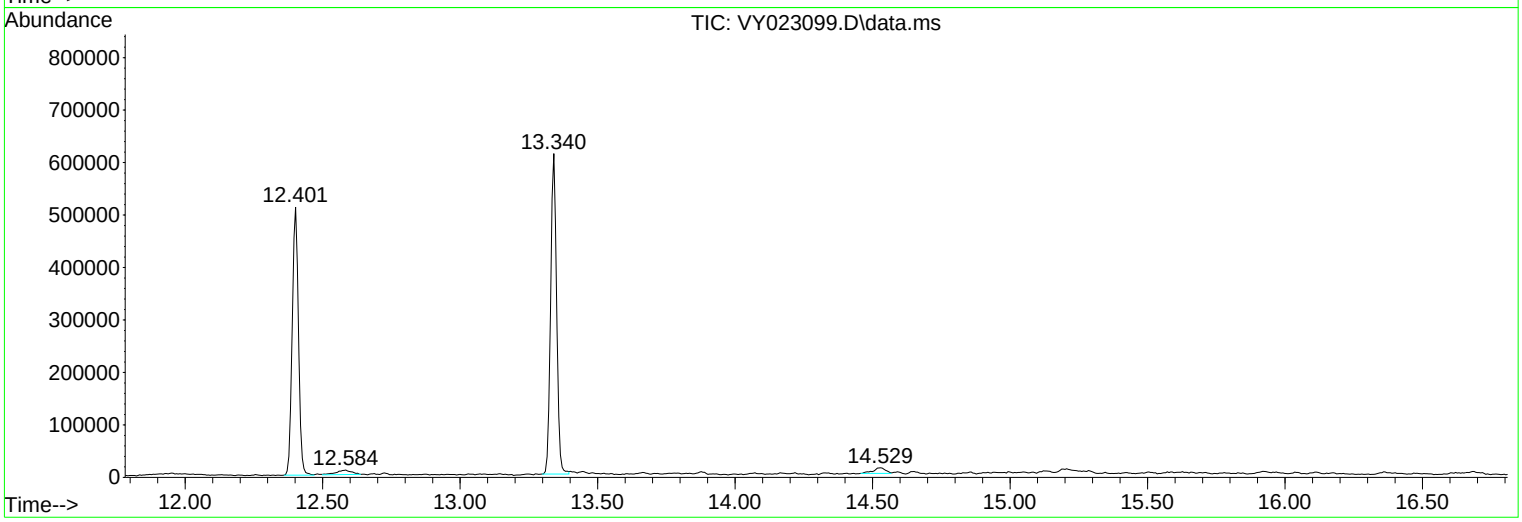
Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Quant Time: Aug 14 14:46:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

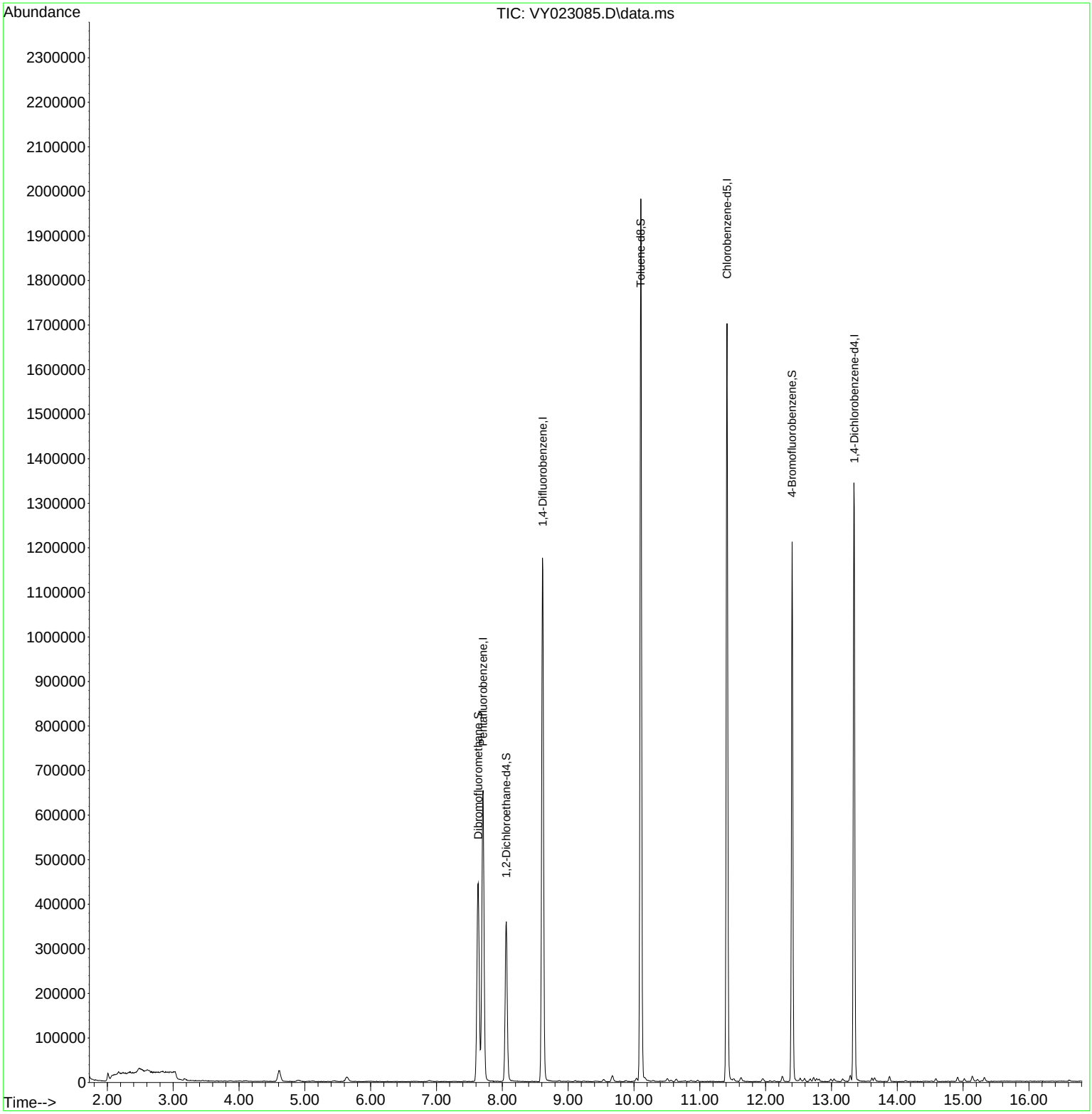
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	514218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1013413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	885359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	340788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	283810	57.910	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.820%			
35) Dibromofluoromethane	7.634	113	324298	53.480	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.960%			
50) Toluene-d8	10.103	98	1256505	53.041	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.080%			
62) 4-Bromofluorobenzene	12.402	95	343286	45.060	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.120%			
Target Compounds						Qvalue

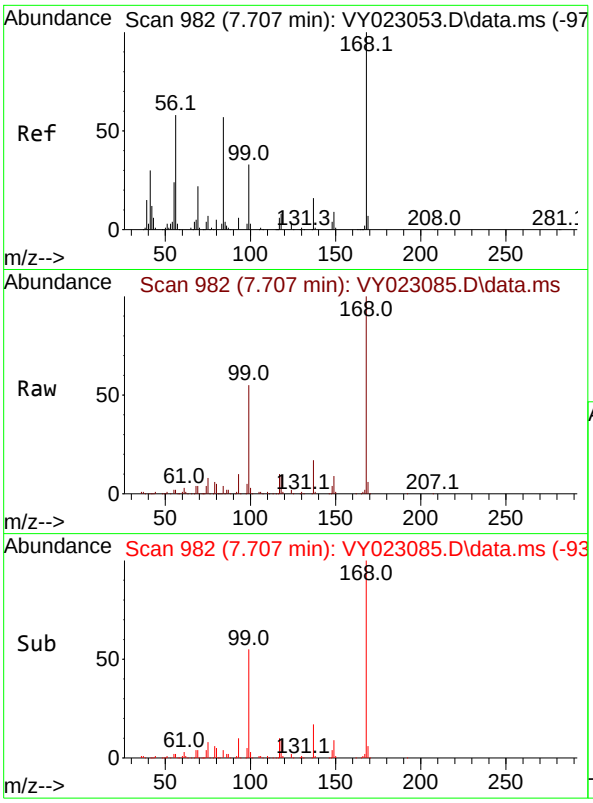
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Quant Time: Aug 14 14:46:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration



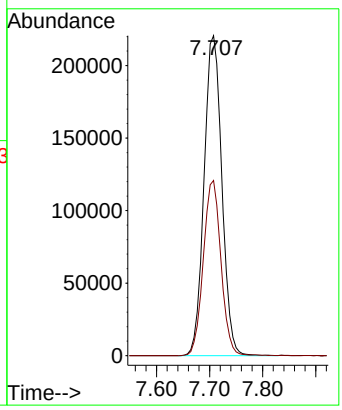


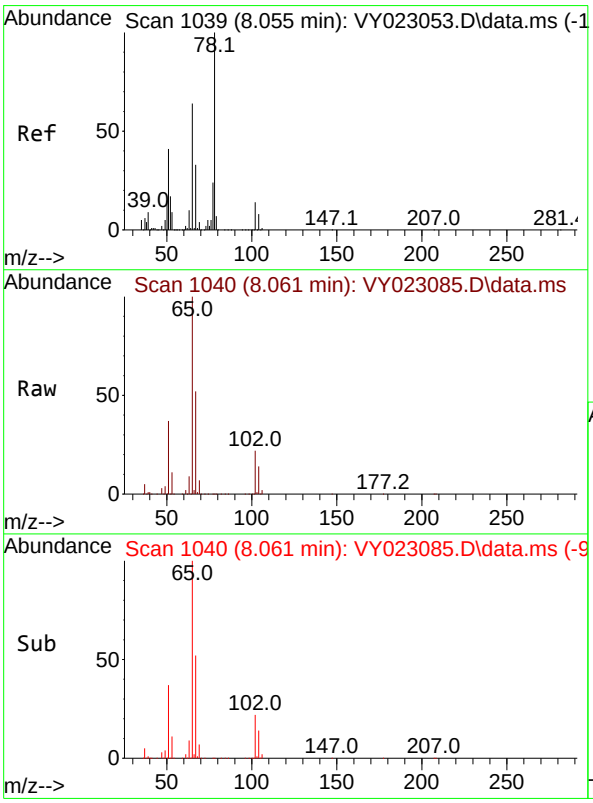
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Tgt Ion:168 Resp: 514218

Ion	Ratio	Lower	Upper
168	100		
99	54.8	42.8	64.2

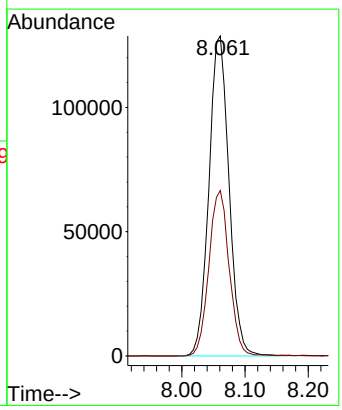


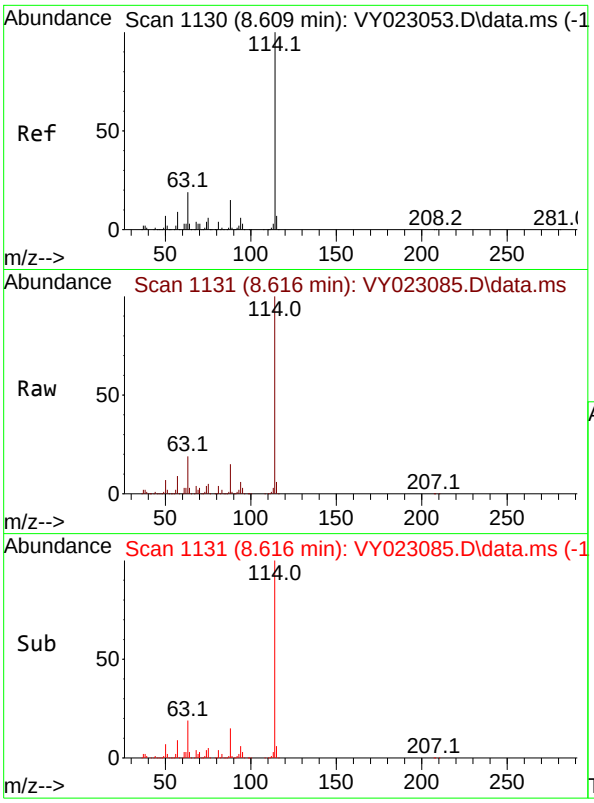


#33
1,2-Dichloroethane-d4
Concen: 57.910 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Tgt Ion: 65 Resp: 283810

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.8



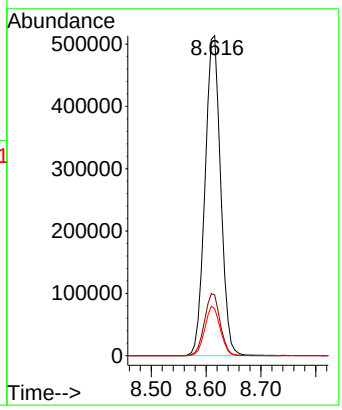


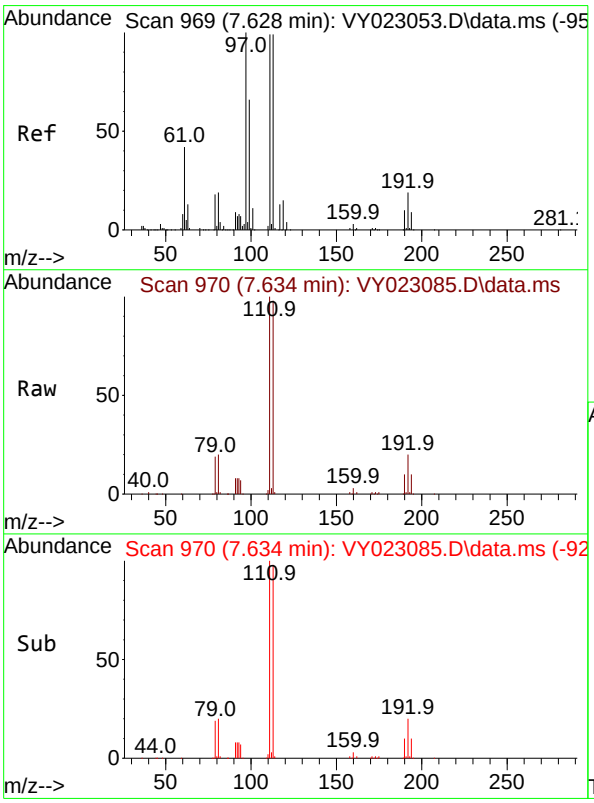
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Tgt Ion:114 Resp: 1013413

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	14.7	0.0	30.0

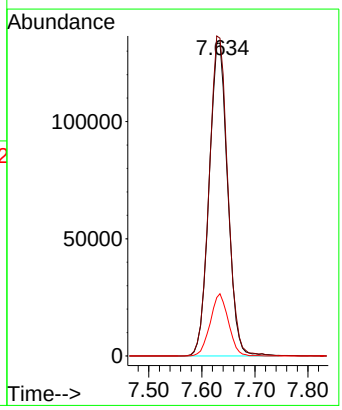


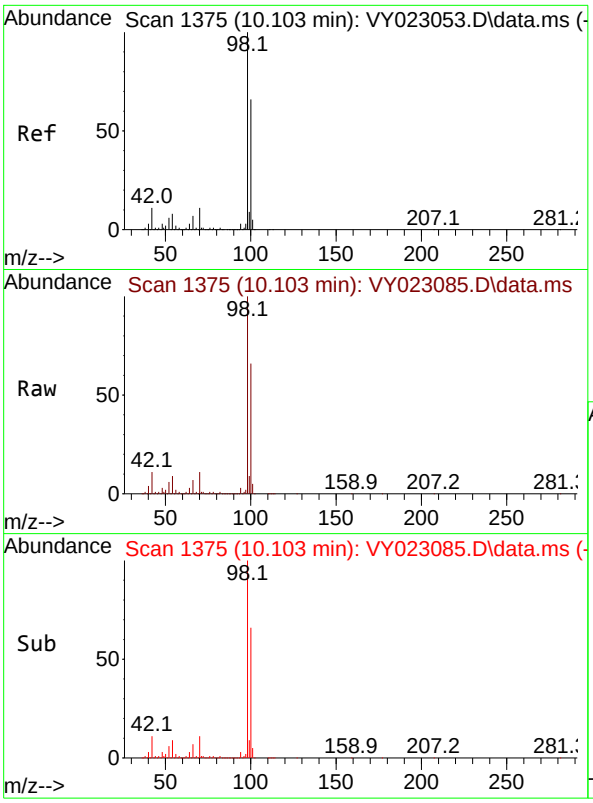


#35
Dibromofluoromethane
Concen: 53.480 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Tgt Ion:113 Resp: 324298

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	19.5	16.2	24.4



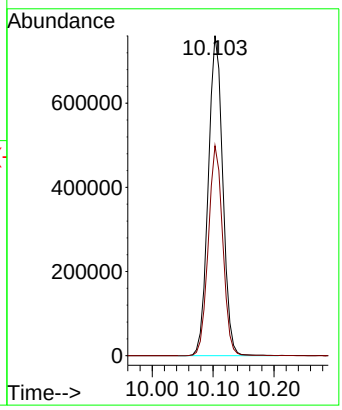


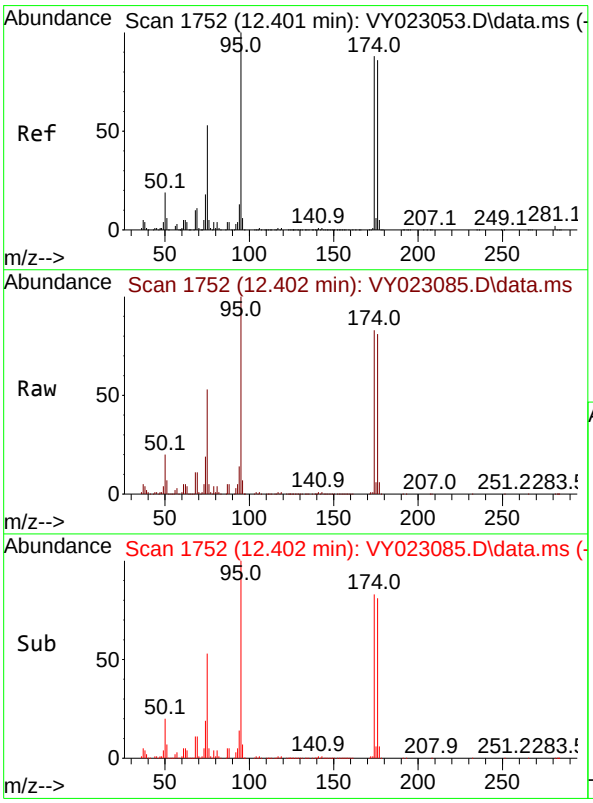
#50
Toluene-d8
Concen: 53.041 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Tgt Ion: 98 Resp: 1256505

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5

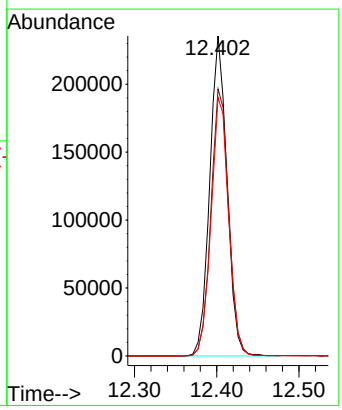


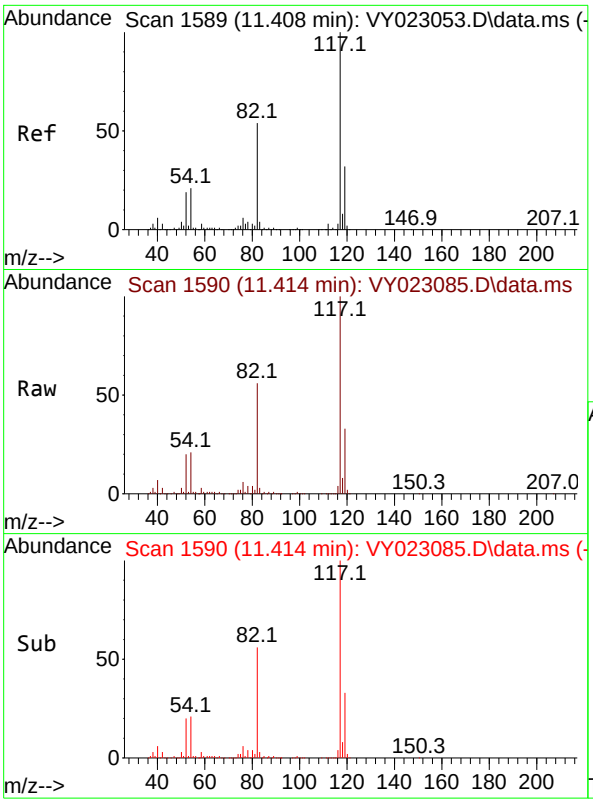


#62
4-Bromofluorobenzene
Concen: 45.060 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Tgt Ion: 95 Resp: 343286

Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	171.6
176	82.4	0.0	167.6



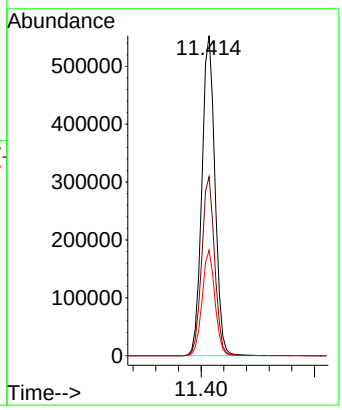


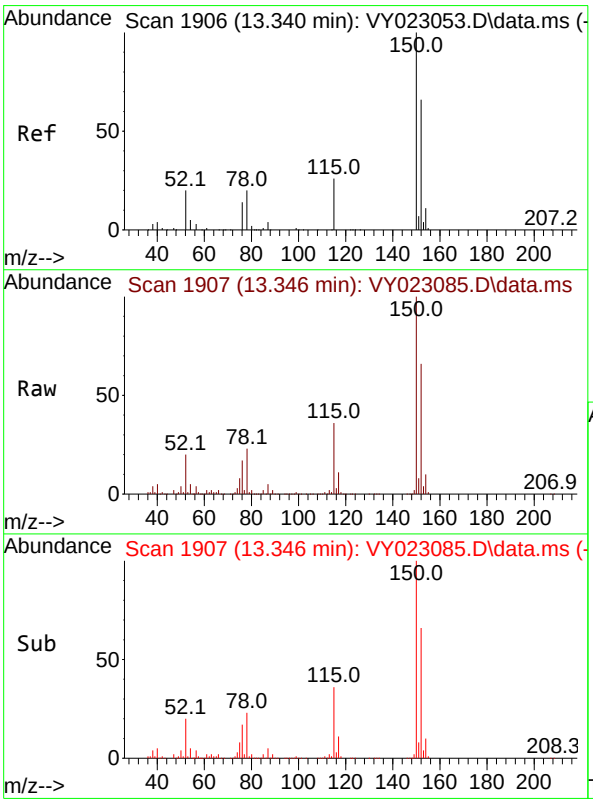
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Tgt Ion:117 Resp: 885359

Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.4	65.0
119	33.0	25.6	38.4

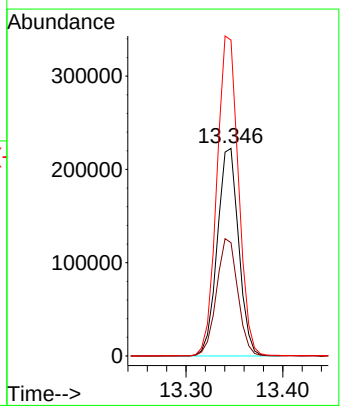




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Tgt Ion:152 Resp: 340788

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.6
150	155.5	0.0	348.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Title : SW846 8260

Signal : TIC: VY023085.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.007	40	47	53	rBV	17742	35695	1.09%	0.227%
2	4.616	465	475	490	rVB3	24109	75411	2.30%	0.480%
3	7.634	958	970	975	rBV	444498	1068603	32.61%	6.796%
4	7.707	975	982	1000	rVB	652671	1528545	46.65%	9.720%
5	8.061	1027	1040	1053	rBV	358564	805913	24.60%	5.125%
6	8.610	1122	1130	1142	rBV	1175253	2337917	71.35%	14.867%
7	10.103	1368	1375	1384	rBV	1978572	3276566	100.00%	20.837%
8	11.414	1582	1590	1603	rBV	1701540	2731421	83.36%	17.370%
9	12.402	1745	1752	1763	rBV	1210550	1800736	54.96%	11.451%
10	13.340	1900	1906	1916	rVB	1341382	2064301	63.00%	13.127%

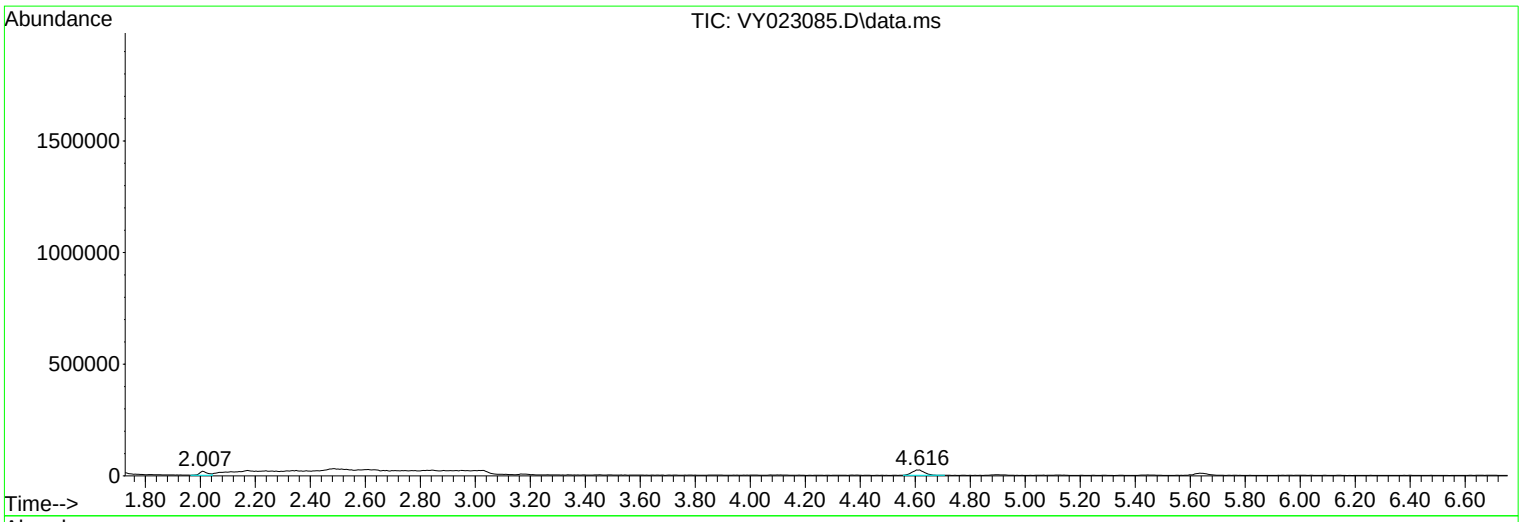
Sum of corrected areas: 15725108

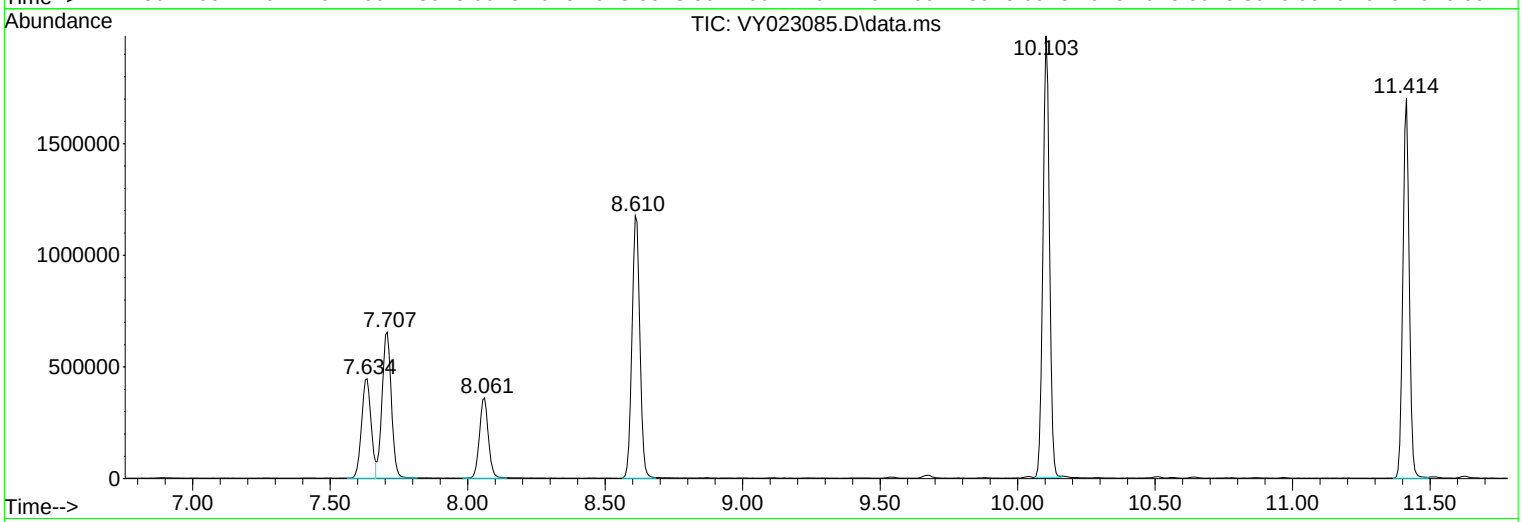
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

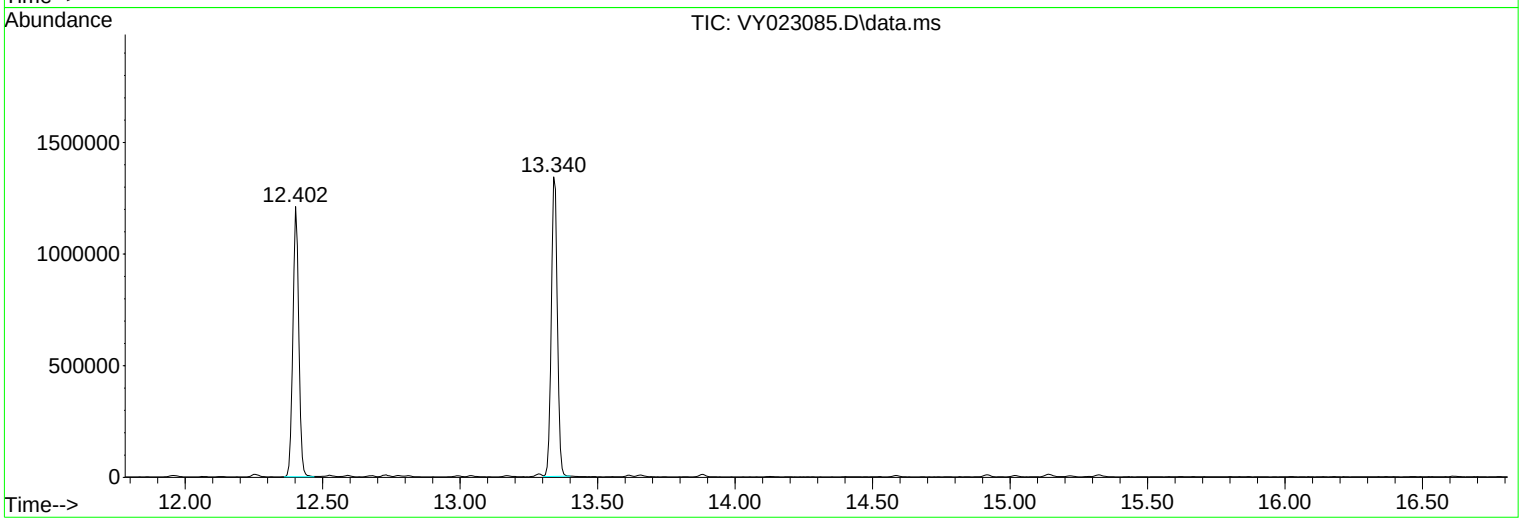
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023086.D
Acq On : 14 Aug 2025 11:22
Operator : SY/MD
Sample : VY0814SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 14:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	455827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	734618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	641778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	309825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218317	50.253	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.500%			
35) Dibromofluoromethane	7.634	113	220130	50.078	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.160%			
50) Toluene-d8	10.103	98	873299	50.855	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.401	95	263190	47.657	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	74341	19.980	ug/l	100
3) Chloromethane	2.068	50	139194	23.098	ug/l	97
4) Vinyl Chloride	2.202	62	172200	23.116	ug/l	97
5) Bromomethane	2.586	94	129347	23.250	ug/l	97
6) Chloroethane	2.726	64	116610	23.545	ug/l	96
7) Trichlorofluoromethane	3.049	101	197599	21.815	ug/l	99
8) Diethyl Ether	3.452	74	42819	17.867	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	93242	20.865	ug/l	98
10) Methyl Iodide	3.994	142	103105	21.381	ug/l	99
11) Tert butyl alcohol	4.860	59	23075	77.519	ug/l	100
12) 1,1-Dichloroethene	3.781	96	87863	20.003	ug/l	98
13) Acrolein	3.647	56	34035	78.072	ug/l	97
14) Allyl chloride	4.372	41	125844	19.470	ug/l	97
15) Acrylonitrile	5.055	53	87301	89.605	ug/l	98
16) Acetone	3.866	43	88645	94.185	ug/l	94
17) Carbon Disulfide	4.098	76	295393	20.624	ug/l	99
18) Methyl Acetate	4.385	43	49793	17.778	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	204114	17.932	ug/l	99
20) Methylene Chloride	4.610	84	107429	20.355	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	99704	20.198	ug/l	98
22) Diisopropyl ether	6.012	45	279897	19.929	ug/l	96
23) Vinyl Acetate	5.957	43	703379	90.570	ug/l	100
24) 1,1-Dichloroethane	5.909	63	177456	20.666	ug/l	100
25) 2-Butanone	6.890	43	113667	88.799	ug/l	95
26) 2,2-Dichloropropane	6.878	77	150616	20.328	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	114706	20.100	ug/l	99
28) Bromochloromethane	7.244	49	69276	20.335	ug/l	96
29) Tetrahydrofuran	7.262	42	67731	85.363	ug/l	95
30) Chloroform	7.415	83	182352	20.591	ug/l	96
31) Cyclohexane	7.695	56	156917	19.392	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	161426	20.543	ug/l	98
36) 1,1-Dichloropropene	7.829	75	131067	20.063	ug/l	99
37) Ethyl Acetate	6.982	43	45793	16.687	ug/l	98
38) Carbon Tetrachloride	7.817	117	142349	20.062	ug/l	98
39) Methylcyclohexane	9.109	83	160783	18.690	ug/l	97
40) Benzene	8.073	78	408860	20.306	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023086.D
Acq On : 14 Aug 2025 11:22
Operator : SY/MD
Sample : VY0814SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 14:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	23134	14.607	ug/l	#	86
42) 1,2-Dichloroethane	8.152	62	104577	19.970	ug/l		98
43) Isopropyl Acetate	8.195	43	95745	17.262	ug/l		98
44) Trichloroethene	8.859	130	106605	20.488	ug/l		98
45) 1,2-Dichloropropane	9.140	63	95447	20.603	ug/l		99
46) Dibromomethane	9.225	93	51967	19.543	ug/l		97
47) Bromodichloromethane	9.420	83	137131	20.042	ug/l		98
48) Methyl methacrylate	9.219	41	45987	17.327	ug/l		98
49) 1,4-Dioxane	9.225	88	10785	345.913	ug/l	#	94
51) 4-Methyl-2-Pentanone	9.993	43	238881	83.495	ug/l		97
52) Toluene	10.164	92	252944	19.780	ug/l		97
53) t-1,3-Dichloropropene	10.390	75	114364	18.458	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	141980	19.379	ug/l		99
55) 1,1,2-Trichloroethane	10.566	97	66658	18.734	ug/l		97
56) Ethyl methacrylate	10.438	69	75122	16.500	ug/l		98
57) 1,3-Dichloropropane	10.713	76	114859	19.034	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	187201	87.167	ug/l		100
59) 2-Hexanone	10.755	43	159619	81.934	ug/l		98
60) Dibromochloromethane	10.908	129	88354	18.819	ug/l		100
61) 1,2-Dibromoethane	11.011	107	61746	18.463	ug/l		100
64) Tetrachloroethene	10.646	164	123429	21.538	ug/l		98
65) Chlorobenzene	11.438	112	272937	19.716	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.511	131	93115	19.819	ug/l		98
67) Ethyl Benzene	11.517	91	461952	19.391	ug/l		100
68) m/p-Xylenes	11.627	106	362129	38.921	ug/l		98
69) o-Xylene	11.950	106	165485	18.990	ug/l		97
70) Styrene	11.963	104	273749	19.209	ug/l		99
71) Bromoform	12.127	173	49863	18.159	ug/l	#	100
73) Isopropylbenzene	12.249	105	423027	19.345	ug/l		99
74) N-amyl acetate	12.066	43	78613	16.952	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.499	83	64150	17.181	ug/l		94
76) 1,2,3-Trichloropropane	12.554	75	54979m	18.387	ug/l		
77) Bromobenzene	12.529	156	100851	19.332	ug/l		98
78) n-propylbenzene	12.590	91	520711	20.001	ug/l		100
79) 2-Chlorotoluene	12.676	91	297769	19.962	ug/l		99
80) 1,3,5-Trimethylbenzene	12.731	105	348710	19.731	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	21491	17.398	ug/l		94
82) 4-Chlorotoluene	12.773	91	312655	20.205	ug/l		98
83) tert-Butylbenzene	12.993	119	303222	18.997	ug/l		100
84) 1,2,4-Trimethylbenzene	13.036	105	351003	19.952	ug/l		99
85) sec-Butylbenzene	13.170	105	458024	19.534	ug/l		99
86) p-Isopropyltoluene	13.285	119	374466	19.240	ug/l		99
87) 1,3-Dichlorobenzene	13.279	146	200869	19.525	ug/l		99
88) 1,4-Dichlorobenzene	13.359	146	200293	19.626	ug/l		98
89) n-Butylbenzene	13.615	91	344791	19.289	ug/l		98
90) Hexachloroethane	13.877	117	80689	20.252	ug/l		97
91) 1,2-Dichlorobenzene	13.651	146	172852	19.158	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	9872	16.982	ug/l		95
93) 1,2,4-Trichlorobenzene	14.913	180	93915	17.602	ug/l		99
94) Hexachlorobutadiene	15.017	225	58299	18.595	ug/l		98
95) Naphthalene	15.139	128	142271	15.638	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	79576	17.308	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023086.D
Acq On : 14 Aug 2025 11:22
Operator : SY/MD
Sample : VY0814SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 14:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

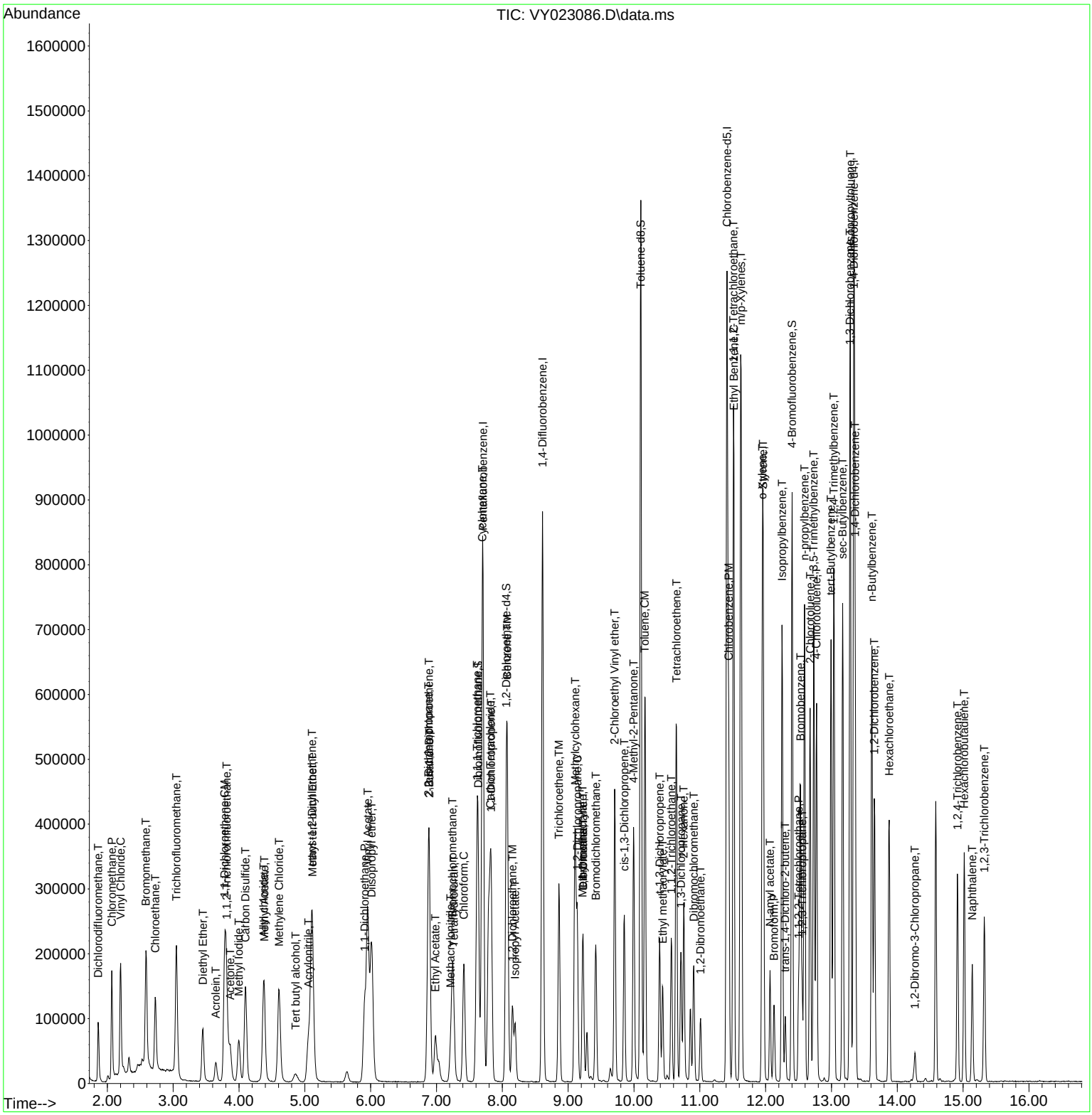
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023086.D
Acq On : 14 Aug 2025 11:22
Operator : SY/MD
Sample : VY0814SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 14:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023087.D
Acq On : 14 Aug 2025 11:45
Operator : SY/MD
Sample : VY0814SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 14:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	440114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	717756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	626725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	312365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	227362	54.204	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.400%			
35) Dibromofluoromethane	7.634	113	225892	52.596	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.200%			
50) Toluene-d8	10.103	98	884197	52.699	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.400%			
62) 4-Bromofluorobenzene	12.401	95	273855	50.753	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	77892	21.682	ug/l	99
3) Chloromethane	2.068	50	142644	24.515	ug/l	98
4) Vinyl Chloride	2.202	62	175924	24.459	ug/l	98
5) Bromomethane	2.592	94	135494	25.224	ug/l	96
6) Chloroethane	2.732	64	117427	24.557	ug/l	99
7) Trichlorofluoromethane	3.049	101	192015	21.955	ug/l	99
8) Diethyl Ether	3.452	74	46584	20.132	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	94999	22.017	ug/l	99
10) Methyl Iodide	4.000	142	111759	24.003	ug/l	97
11) Tert butyl alcohol	4.860	59	26645	92.708	ug/l	100
12) 1,1-Dichloroethene	3.787	96	90215	21.272	ug/l	98
13) Acrolein	3.653	56	38323	91.047	ug/l	93
14) Allyl chloride	4.378	41	129279	20.716	ug/l	99
15) Acrylonitrile	5.055	53	96070	102.126	ug/l	99
16) Acetone	3.866	43	92571	101.868	ug/l	96
17) Carbon Disulfide	4.104	76	304061	21.988	ug/l	100
18) Methyl Acetate	4.385	43	56068	20.733	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	221092	20.118	ug/l	98
20) Methylene Chloride	4.610	84	114447	22.756	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	102154	21.433	ug/l	98
22) Diisopropyl ether	6.012	45	291470	21.494	ug/l	95
23) Vinyl Acetate	5.957	43	766046	102.161	ug/l	100
24) 1,1-Dichloroethane	5.909	63	182539	22.017	ug/l	99
25) 2-Butanone	6.890	43	122644	99.233	ug/l	98
26) 2,2-Dichloropropane	6.878	77	155065	21.675	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	117893	21.396	ug/l	100
28) Bromochloromethane	7.244	49	72174	21.942	ug/l	98
29) Tetrahydrofuran	7.256	42	75422	98.450	ug/l	98
30) Chloroform	7.421	83	188562	22.052	ug/l	97
31) Cyclohexane	7.701	56	160740	20.574	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	164781	21.719	ug/l	98
36) 1,1-Dichloropropene	7.835	75	132790	20.805	ug/l	99
37) Ethyl Acetate	6.988	43	52482	19.574	ug/l	98
38) Carbon Tetrachloride	7.811	117	145254	20.953	ug/l	97
39) Methylcyclohexane	9.103	83	165962	19.745	ug/l	100
40) Benzene	8.079	78	422488	21.476	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023087.D
Acq On : 14 Aug 2025 11:45
Operator : SY/MD
Sample : VY0814SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 14:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	28185	18.215	ug/l		93
42) 1,2-Dichloroethane	8.152	62	107615	21.033	ug/l		99
43) Isopropyl Acetate	8.195	43	105845	19.532	ug/l		100
44) Trichloroethene	8.859	130	105099	20.673	ug/l		95
45) 1,2-Dichloropropane	9.140	63	96326	21.281	ug/l		98
46) Dibromomethane	9.231	93	54207	20.865	ug/l		96
47) Bromodichloromethane	9.420	83	142496	21.316	ug/l		98
48) Methyl methacrylate	9.219	41	50034	19.294	ug/l		99
49) 1,4-Dioxane	9.225	88	12367	405.972	ug/l		97
51) 4-Methyl-2-Pentanone	9.993	43	269803	96.519	ug/l		99
52) Toluene	10.170	92	263665	21.103	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	123723	20.438	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	147619	20.622	ug/l		98
55) 1,1,2-Trichloroethane	10.566	97	71850	20.668	ug/l		98
56) Ethyl methacrylate	10.438	69	82052	18.445	ug/l		96
57) 1,3-Dichloropropane	10.713	76	120349	20.413	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	207183	98.737	ug/l		100
59) 2-Hexanone	10.755	43	181752	95.486	ug/l		97
60) Dibromochloromethane	10.908	129	93374	20.356	ug/l		98
61) 1,2-Dibromoethane	11.011	107	67027	20.513	ug/l		99
64) Tetrachloroethene	10.646	164	109781	19.617	ug/l		98
65) Chlorobenzene	11.438	112	285369	21.110	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.511	131	96112	20.948	ug/l		99
67) Ethyl Benzene	11.517	91	474005	20.375	ug/l		97
68) m/p-Xylenes	11.627	106	378562	41.664	ug/l		99
69) o-Xylene	11.950	106	174623	20.520	ug/l		100
70) Styrene	11.962	104	286979	20.621	ug/l		100
71) Bromoform	12.127	173	54324	20.259	ug/l	#	100
73) Isopropylbenzene	12.249	105	442723	20.081	ug/l		100
74) N-amyl acetate	12.066	43	87193	18.650	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.499	83	78539	20.864	ug/l		99
76) 1,2,3-Trichloropropane	12.548	75	48092m	15.953	ug/l		
77) Bromobenzene	12.529	156	105005	19.964	ug/l		97
78) n-propylbenzene	12.590	91	548250	20.888	ug/l		100
79) 2-Chlorotoluene	12.676	91	309929	20.609	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	367513	20.626	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	23035	18.496	ug/l		94
82) 4-Chlorotoluene	12.773	91	325249	20.848	ug/l		100
83) tert-Butylbenzene	12.993	119	326740	20.304	ug/l		100
84) 1,2,4-Trimethylbenzene	13.035	105	367984	20.747	ug/l		99
85) sec-Butylbenzene	13.170	105	489089	20.690	ug/l		100
86) p-Isopropyltoluene	13.285	119	403954	20.587	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	217547	20.974	ug/l		98
88) 1,4-Dichlorobenzene	13.359	146	213512	20.752	ug/l		98
89) n-Butylbenzene	13.615	91	371218	20.598	ug/l		98
90) Hexachloroethane	13.871	117	84649	21.074	ug/l		97
91) 1,2-Dichlorobenzene	13.651	146	188585	20.732	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11291	19.265	ug/l		99
93) 1,2,4-Trichlorobenzene	14.913	180	103325	19.208	ug/l		99
94) Hexachlorobutadiene	15.017	225	64258	20.329	ug/l		98
95) Naphthalene	15.139	128	168186	18.336	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	88181	19.024	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023087.D
Acq On : 14 Aug 2025 11:45
Operator : SY/MD
Sample : VY0814SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 14:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

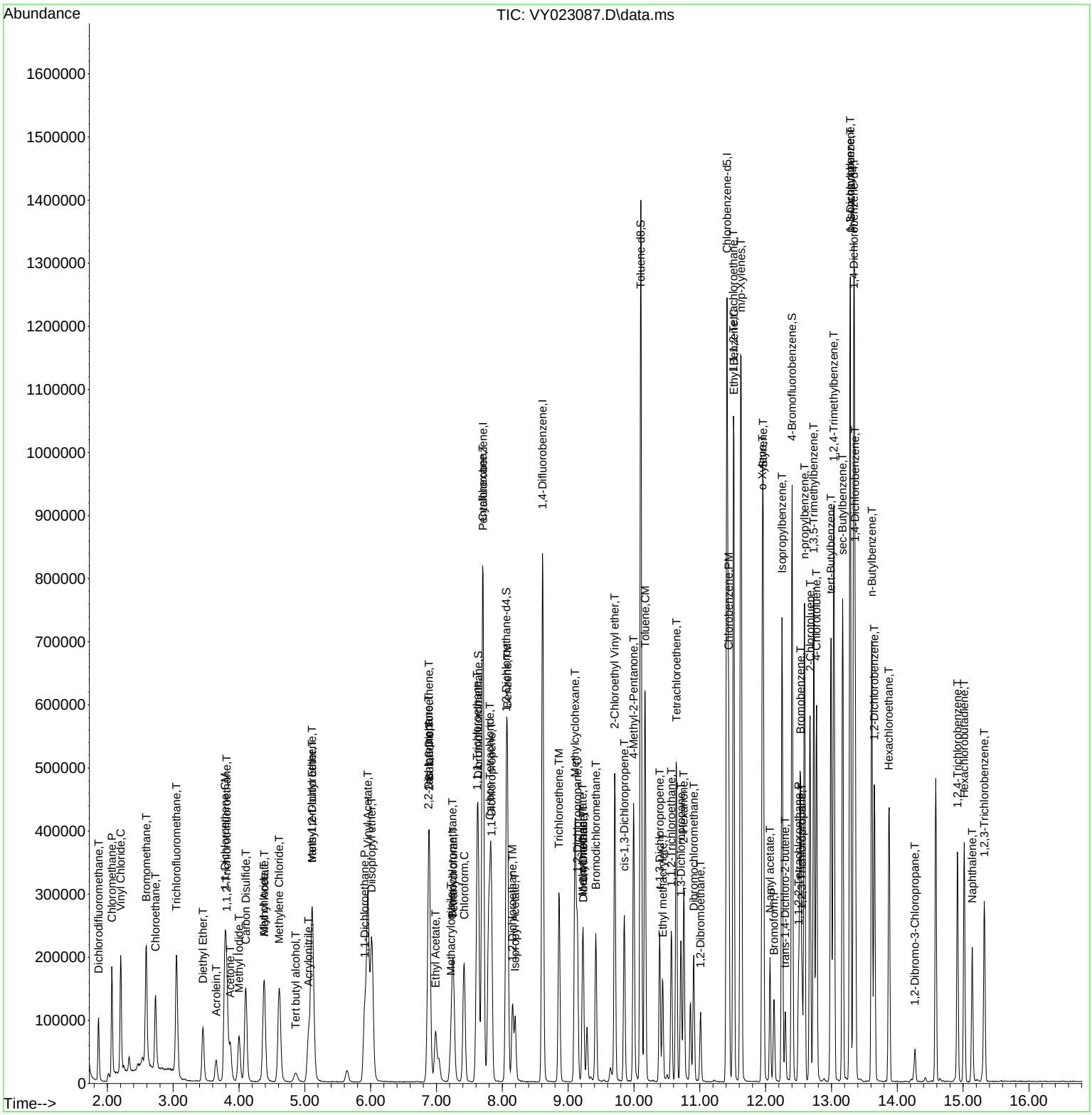
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023087.D
Acq On : 14 Aug 2025 11:45
Operator : SY/MD
Sample : VY0814SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 14:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VY081225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023050.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:33:57 PM	SAM	8/14/2025 7:43:56 PM	Peak Integrated by Software
VSTDICC005	VY023050.D	Methacrylonitrile	MMDadoda	8/14/2025 7:33:57 PM	SAM	8/14/2025 7:43:56 PM	Peak Integrated by Software
VSTDICC010	VY023051.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:06 PM	SAM	8/14/2025 7:43:57 PM	Peak Integrated by Software
VSTDICC020	VY023052.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:08 PM	SAM	8/14/2025 7:43:59 PM	Peak Integrated by Software
VSTDICC020	VY023052.D	Methacrylonitrile	MMDadoda	8/14/2025 7:34:08 PM	SAM	8/14/2025 7:43:59 PM	Peak Integrated by Software
VSTDICCC050	VY023053.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:10 PM	SAM	8/14/2025 7:44:00 PM	Peak Integrated by Software
VSTDICC100	VY023054.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:12 PM	SAM	8/14/2025 7:44:02 PM	Peak Integrated by Software
VSTDICC150	VY023055.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:15 PM	SAM	8/14/2025 7:44:04 PM	Peak Integrated by Software
VSTDICV050	VY023057.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:16 PM	SAM	8/14/2025 7:44:06 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VY081425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023084.D	1,2,3-Trichloropropane	SAM	8/19/2025 4:18:21 AM	MMDadoda	8/19/2025 4:22:49 AM	Peak Integrated by Software
VY0814SBS01	VY023086.D	1,2,3-Trichloropropane	SAM	8/19/2025 4:18:23 AM	MMDadoda	8/19/2025 4:22:50 AM	Peak Integrated by Software
VY0814SBSD01	VY023087.D	1,2,3-Trichloropropane	SAM	8/19/2025 4:18:24 AM	MMDadoda	8/19/2025 4:22:52 AM	Peak Integrated by Software
VSTDCCC050	VY023109.D	1,2,3-Trichloropropane	SAM	8/19/2025 4:18:27 AM	MMDadoda	8/19/2025 4:22:53 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY081225

Review By	Mahesh Dadoda	Review On	8/14/2025 7:34:22 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/14/2025 7:44:13 PM		
SubDirectory	VY081225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135083
Initial Calibration Stds	VP135084,VP135085,VP135086,VP135087,VP135088,VP135089
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135090
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023048.D	12 Aug 2025 08:26	SY/MD	Ok
2	VSTDICC005	VY023049.D	12 Aug 2025 14:32	SY/MD	Not Ok
3	VSTDICC005	VY023050.D	12 Aug 2025 14:54	SY/MD	Ok,M
4	VSTDICC010	VY023051.D	12 Aug 2025 15:17	SY/MD	Ok,M
5	VSTDICC020	VY023052.D	12 Aug 2025 15:40	SY/MD	Ok,M
6	VSTDICCC050	VY023053.D	12 Aug 2025 16:02	SY/MD	Ok,M
7	VSTDICC100	VY023054.D	12 Aug 2025 16:25	SY/MD	Ok,M
8	VSTDICC150	VY023055.D	12 Aug 2025 16:47	SY/MD	Ok,M
9	VIBLK	VY023056.D	12 Aug 2025 17:31	SY/MD	Ok
10	VSTDICV050	VY023057.D	12 Aug 2025 17:53	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY081425

Review By	Mahesh Dadoda	Review On	8/19/2025 4:23:08 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/19/2025 6:52:38 AM		
SubDirectory	VY081425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135134
Initial Calibration Stds	
CCC	VP135135,VP135136
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023083.D	14 Aug 2025 09:48	SY/MD	Ok
2	VSTDCCC050	VY023084.D	14 Aug 2025 10:17	SY/MD	Ok,M
3	VY0814SBL01	VY023085.D	14 Aug 2025 10:50	SY/MD	Ok
4	VY0814SBS01	VY023086.D	14 Aug 2025 11:22	SY/MD	Ok,M
5	VY0814SBSD01	VY023087.D	14 Aug 2025 11:45	SY/MD	Ok,M
6	Q2830-05	VY023088.D	14 Aug 2025 12:26	SY/MD	Ok
7	Q2819-10RE	VY023089.D	14 Aug 2025 12:50	SY/MD	Confirms
8	Q2819-11RE	VY023090.D	14 Aug 2025 13:13	SY/MD	Confirms
9	Q2819-15	VY023091.D	14 Aug 2025 13:37	SY/MD	Ok
10	Q2819-16	VY023092.D	14 Aug 2025 14:00	SY/MD	Ok
11	Q2819-20	VY023093.D	14 Aug 2025 14:24	SY/MD	ReRun
12	Q2838-03	VY023094.D	14 Aug 2025 14:47	SY/MD	Ok
13	Q2838-07	VY023095.D	14 Aug 2025 15:11	SY/MD	Ok
14	Q2840-01	VY023096.D	14 Aug 2025 15:34	SY/MD	Ok
15	Q2858-01	VY023097.D	14 Aug 2025 15:57	SY/MD	Ok
16	Q2857-03	VY023098.D	14 Aug 2025 16:21	SY/MD	Ok
17	Q2826-01	VY023099.D	14 Aug 2025 16:44	SY/MD	Ok
18	Q2873-01	VY023100.D	14 Aug 2025 17:08	SY/MD	Ok
19	Q2873-04	VY023101.D	14 Aug 2025 17:31	SY/MD	Ok
20	Q2871-01	VY023102.D	14 Aug 2025 17:55	SY/MD	Ok
21	Q2871-04	VY023103.D	14 Aug 2025 18:18	SY/MD	ReRun

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY081425

Review By	Mahesh Dadoda	Review On	8/19/2025 4:23:08 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	8/19/2025 6:52:38 AM				
SubDirectory	VY081425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135134
Initial Calibration Stds	
CCC	VP135135,VP135136
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2871-07	VY023104.D	14 Aug 2025 18:42	SY/MD	Ok
23	Q2872-01	VY023105.D	14 Aug 2025 19:05	SY/MD	ReRun
24	Q2870-01	VY023106.D	14 Aug 2025 19:29	SY/MD	ReRun
25	Q2870-04	VY023107.D	14 Aug 2025 19:52	SY/MD	Ok
26	VIBLK	VY023108.D	14 Aug 2025 20:15	SY/MD	Ok
27	VSTDCCC050	VY023109.D	14 Aug 2025 20:38	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY081225

Review By	Mahesh Dadoda	Review On	8/14/2025 7:34:22 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/14/2025 7:44:13 PM		
SubDirectory	VY081225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135083
Initial Calibration Stds	VP135084,VP135085,VP135086,VP135087,VP135088,VP135089
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135090
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023048.D	12 Aug 2025 08:26		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023049.D	12 Aug 2025 14:32	Not used	SY/MD	Not Ok
3	VSTDICC005	VSTDICC005	VY023050.D	12 Aug 2025 14:54		SY/MD	Ok,M
4	VSTDICC010	VSTDICC010	VY023051.D	12 Aug 2025 15:17		SY/MD	Ok,M
5	VSTDICC020	VSTDICC020	VY023052.D	12 Aug 2025 15:40	LR-20	SY/MD	Ok,M
6	VSTDICCC050	VSTDICCC050	VY023053.D	12 Aug 2025 16:02		SY/MD	Ok,M
7	VSTDICC100	VSTDICC100	VY023054.D	12 Aug 2025 16:25		SY/MD	Ok,M
8	VSTDICC150	VSTDICC150	VY023055.D	12 Aug 2025 16:47		SY/MD	Ok,M
9	VIBLK	VIBLK	VY023056.D	12 Aug 2025 17:31		SY/MD	Ok
10	VSTDICV050	ICVVY081225	VY023057.D	12 Aug 2025 17:53		SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY081425

Review By	Mahesh Dadoda	Review On	8/19/2025 4:23:08 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/19/2025 6:52:38 AM		
SubDirectory	VY081425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135134
Initial Calibration Stds	
CCC	VP135135,VP135136
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023083.D	14 Aug 2025 09:48		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023084.D	14 Aug 2025 10:17		SY/MD	Ok,M
3	VY0814SBL01	VY0814SBL01	VY023085.D	14 Aug 2025 10:50		SY/MD	Ok
4	VY0814SBS01	VY0814SBS01	VY023086.D	14 Aug 2025 11:22		SY/MD	Ok,M
5	VY0814SBSD01	VY0814SBSD01	VY023087.D	14 Aug 2025 11:45		SY/MD	Ok,M
6	Q2830-05	BIN0009-DRIVEWAY-T	VY023088.D	14 Aug 2025 12:26		SY/MD	Ok
7	Q2819-10RE	84SB-SRE	VY023089.D	14 Aug 2025 12:50	Surrogate Fail	SY/MD	Confirms
8	Q2819-11RE	84SB-WRE	VY023090.D	14 Aug 2025 13:13	Internal Standard fail;Surrogate Fail	SY/MD	Confirms
9	Q2819-15	17M-N	VY023091.D	14 Aug 2025 13:37		SY/MD	Ok
10	Q2819-16	38M-S	VY023092.D	14 Aug 2025 14:00		SY/MD	Ok
11	Q2819-20	82H-E	VY023093.D	14 Aug 2025 14:24	Internal Standard fail;Surrogate Fail	SY/MD	ReRun
12	Q2838-03	TP-11-VOC	VY023094.D	14 Aug 2025 14:47		SY/MD	Ok
13	Q2838-07	TP-10-VOC	VY023095.D	14 Aug 2025 15:11		SY/MD	Ok
14	Q2840-01	0804-SOIL	VY023096.D	14 Aug 2025 15:34		SY/MD	Ok
15	Q2858-01	VNJ 216	VY023097.D	14 Aug 2025 15:57		SY/MD	Ok
16	Q2857-03	72-12002	VY023098.D	14 Aug 2025 16:21		SY/MD	Ok
17	Q2826-01	WC1	VY023099.D	14 Aug 2025 16:44		SY/MD	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY081425

Review By	Mahesh Dadoda	Review On	8/19/2025 4:23:08 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/19/2025 6:52:38 AM		
SubDirectory	VY081425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135134
Initial Calibration Stds	
CCC	VP135135,VP135136
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2873-01	DRILL CUTTING 1-3 C	VY023100.D	14 Aug 2025 17:08		SY/MD	Ok
19	Q2873-04	DRILL CUTTING 4-6 C	VY023101.D	14 Aug 2025 17:31		SY/MD	Ok
20	Q2871-01	DRILL CUTTING 1-3 C	VY023102.D	14 Aug 2025 17:55		SY/MD	Ok
21	Q2871-04	DRILL CUTTING 4-6 C	VY023103.D	14 Aug 2025 18:18	Internal Standard Fail	SY/MD	ReRun
22	Q2871-07	DRILL CUTTING 1-5 C	VY023104.D	14 Aug 2025 18:42		SY/MD	Ok
23	Q2872-01	DRILL CUTTING 1-2 C	VY023105.D	14 Aug 2025 19:05	Internal Standard Fail	SY/MD	ReRun
24	Q2870-01	DRILL CUTTING 1-5 C	VY023106.D	14 Aug 2025 19:29	Internal Standard Fail	SY/MD	ReRun
25	Q2870-04	DRILL CUTTING 6-9 C	VY023107.D	14 Aug 2025 19:52		SY/MD	Ok
26	VIBLK	VIBLK	VY023108.D	14 Aug 2025 20:15		SY/MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VY023109.D	14 Aug 2025 20:38		SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2826	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	--Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2826-01	**WC1**	**SOIL**			**08/11/25**			**08/11/25**
			VOCMS Group1	8260D			08/14/25	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2826

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q2826-01	WC1	SOIL	Bis(2-ethylhexyl)phthalate	180.000	J	130	390	ug/Kg
			Total Svoc :	**180.00**				
Q2826-01	WC1	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	200.000	AB	0	0	ug/Kg
Q2826-01	WC1	SOIL	Butane, 2-methoxy-2-methyl- *	360.000	JB	0	0	ug/Kg
Q2826-01	WC1	SOIL	Hexanedioic acid, bis(2-ethylhexy *	200.000	J	0	0	ug/Kg
			Total Tics :	**760.00**				
			Total Concentration:	**940.00**				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	350	U	350	750	ug/Kg
108-95-2	Phenol	50.1	U	50.1	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.1	U	55.1	390	ug/Kg
95-57-8	2-Chlorophenol	55.3	U	55.3	390	ug/Kg
95-48-7	2-Methylphenol	67.8	U	67.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85.0	U	85.0	390	ug/Kg
98-86-2	Acetophenone	66.9	U	66.9	390	ug/Kg
65794-96-9	3+4-Methylphenols	93.2	U	93.2	750	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	110	180	ug/Kg
67-72-1	Hexachloroethane	39.9	U	39.9	390	ug/Kg
98-95-3	Nitrobenzene	41.5	U	41.5	390	ug/Kg
78-59-1	Isophorone	74.4	U	74.4	390	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	390	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	69.9	U	69.9	390	ug/Kg
120-83-2	2,4-Dichlorophenol	64.2	U	64.2	390	ug/Kg
91-20-3	Naphthalene	51.5	U	51.5	390	ug/Kg
106-47-8	4-Chloroaniline	80.3	U	80.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	57.4	U	57.4	390	ug/Kg
105-60-2	Caprolactam	120	U	120	750	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65.1	U	65.1	390	ug/Kg
91-57-6	2-Methylnaphthalene	58.1	U	58.1	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	750	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.9	U	44.9	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66.0	U	66.0	390	ug/Kg
92-52-4	1,1-Biphenyl	49.4	U	49.4	390	ug/Kg
91-58-7	2-Chloronaphthalene	51.0	U	51.0	390	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	390	ug/Kg
131-11-3	Dimethylphthalate	61.5	U	61.5	390	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	08/11/25
Project:	Ave B			Date Received:	08/11/25
Client Sample ID:	WC1			SDG No.:	Q2826
Lab Sample ID:	Q2826-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	88.1
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	65.5	U	65.5	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	76.2	U	76.2	390	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	390	ug/Kg
83-32-9	Acenaphthene	48.3	U	48.3	390	ug/Kg
51-28-5	2,4-Dinitrophenol	520	U	520	750	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	750	ug/Kg
132-64-9	Dibenzofuran	51.5	U	51.5	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	390	ug/Kg
84-66-2	Diethylphthalate	64.2	U	64.2	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.6	U	60.6	390	ug/Kg
86-73-7	Fluorene	57.4	U	57.4	390	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	750	ug/Kg
86-30-6	n-Nitrosodiphenylamine	74.6	U	74.6	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63.0	U	63.0	390	ug/Kg
118-74-1	Hexachlorobenzene	57.4	U	57.4	390	ug/Kg
1912-24-9	Atrazine	77.1	U	77.1	390	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	750	ug/Kg
85-01-8	Phenanthrene	47.4	U	47.4	390	ug/Kg
120-12-7	Anthracene	75.5	U	75.5	390	ug/Kg
86-74-8	Carbazole	70.8	U	70.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	390	ug/Kg
206-44-0	Fluoranthene	68.0	U	68.0	390	ug/Kg
129-00-0	Pyrene	81.6	U	81.6	390	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83.2	U	83.2	750	ug/Kg
56-55-3	Benzo(a)anthracene	52.2	U	52.2	390	ug/Kg
218-01-9	Chrysene	45.1	U	45.1	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	130	390	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	750	ug/Kg
205-99-2	Benzo(b)fluoranthene	43.1	U	43.1	390	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	08/11/25
Project:	Ave B			Date Received:	08/11/25
Client Sample ID:	WC1			SDG No.:	Q2826
Lab Sample ID:	Q2826-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	88.1
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	50.8	U	50.8	390	ug/Kg
50-32-8	Benzo(a)pyrene	66.9	U	66.9	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66.0	U	66.0	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62.1	U	62.1	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58.3	U	58.3	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.1	U	58.1	390	ug/Kg
123-91-1	1,4-Dioxane	100	U	100	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62.1	U	62.1	390	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	38.1	*	30 (18) - 130 (112)	25%	SPK: 150
13127-88-3	Phenol-d6	41.7	*	30 (15) - 130 (107)	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	26.3	*	30 (18) - 130 (107)	26%	SPK: 100
321-60-8	2-Fluorobiphenyl	27.5	*	30 (20) - 130 (109)	27%	SPK: 100
118-79-6	2,4,6-Tribromophenol	23.5	*	30 (10) - 130 (116)	16%	SPK: 150
1718-51-0	Terphenyl-d14	28.6	*	30 (10) - 130 (105)	29%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	171000	7.79			
1146-65-2	Naphthalene-d8	684000	10.554			
15067-26-2	Acenaphthene-d10	428000	14.401			
1517-22-2	Phenanthrene-d10	882000	17.201			
1719-03-5	Chrysene-d12	895000	21.642			
1520-96-3	Perylene-d12	1040000	25.013			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	360	JB		3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	AB		4.95	ug/Kg
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	200	J		20.7	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	08/11/25
Project:	Ave B			Date Received:	08/11/25
Client Sample ID:	WC1			SDG No.:	Q2826
Lab Sample ID:	Q2826-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	88.1
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q2826

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169210BL	PB169210BL	2-Fluorophenol	150	123	82		30 (18)	130 (112)
		Phenol-d6	150	120	80		30 (15)	130 (107)
		Nitrobenzene-d5	100	97.5	98		30 (18)	130 (107)
		2-Fluorobiphenyl	100	90.2	90		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	166	110		30 (10)	130 (116)
		Terphenyl-d14	100	101	101		30 (10)	130 (105)
PB169210BS	PB169210BS	2-Fluorophenol	150	136	91		30 (18)	130 (112)
		Phenol-d6	150	138	92		30 (15)	130 (107)
		Nitrobenzene-d5	100	79.6	80		30 (18)	130 (107)
		2-Fluorobiphenyl	100	79.7	80		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	138	92		30 (10)	130 (116)
		Terphenyl-d14	100	83.1	83		30 (10)	130 (105)
Q2826-01	WC1	2-Fluorophenol	150	38.1	25	*	30 (18)	130 (112)
		Phenol-d6	150	41.7	28	*	30 (15)	130 (107)
		Nitrobenzene-d5	100	26.3	26	*	30 (18)	130 (107)
		2-Fluorobiphenyl	100	27.5	27	*	30 (20)	130 (109)
		2,4,6-Tribromophenol	150	23.5	16	*	30 (10)	130 (116)
		Terphenyl-d14	100	28.6	29	*	30 (10)	130 (105)
Q2830-05MS	BIN0009-DRIVEWAY-TP-WESTSID	2-Fluorophenol	150	95.7	64		30 (18)	130 (112)
		Phenol-d6	150	95.4	64		30 (15)	130 (107)
		Nitrobenzene-d5	100	75.4	75		30 (18)	130 (107)
		2-Fluorobiphenyl	100	68.9	69		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	121	81		30 (10)	130 (116)
		Terphenyl-d14	100	58.4	58		30 (10)	130 (105)
Q2830-05MSD	BIN0009-DRIVEWAY-TP-WESTSID	2-Fluorophenol	150	97.8	65		30 (18)	130 (112)
		Phenol-d6	150	101	67		30 (15)	130 (107)
		Nitrobenzene-d5	100	77.3	77		30 (18)	130 (107)
		2-Fluorobiphenyl	100	65.9	66		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	142	95		30 (10)	130 (116)
		Terphenyl-d14	100	77.5	78		30 (10)	130 (105)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143367.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2830-05MS		**Client Sample ID: BIN0009-DRIVEWAY-TP-WESTSIDE**									
Benzaldehyde	1200	0	820	ug/Kg	68				20 (10)	160 (171)	
Phenol	1200	0	1000	ug/Kg	83				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				70 (54)	130 (125)	
2-Chlorophenol	1200	0	1100	ug/Kg	92				70 (51)	130 (121)	
2-Methylphenol	1200	0	1100	ug/Kg	92				70 (47)	130 (125)	
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92				70 (46)	130 (119)	
Acetophenone	1200	0	1100	ug/Kg	92				70 (55)	130 (128)	
3+4-Methylphenols	1200	0	1000	ug/Kg	83				20 (49)	160 (125)	
N-Nitroso-di-n-propylamine	1200	0	1100	ug/Kg	92				70 (59)	130 (119)	
Hexachloroethane	1200	0	1200	ug/Kg	100				20 (51)	160 (116)	
Nitrobenzene	1200	0	1100	ug/Kg	92				70 (47)	130 (124)	
Isophorone	1200	0	1100	ug/Kg	92				70 (49)	130 (127)	
2-Nitrophenol	1200	0	1400	ug/Kg	117				70 (43)	130 (131)	
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92				70 (51)	130 (119)	
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100				70 (50)	130 (122)	
Naphthalene	1200	0	1100	ug/Kg	92				70 (51)	130 (121)	
4-Chloroaniline	1200	0	600	ug/Kg	50	*			70 (10)	130 (100)	
Hexachlorobutadiene	1200	0	1200	ug/Kg	100				70 (44)	130 (126)	
Caprolactam	1200	0	1200	ug/Kg	100				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92				70 (57)	130 (132)	
2-Methylnaphthalene	1200	0	1000	ug/Kg	83				70 (59)	130 (123)	
Hexachlorocyclopentadiene	2500	0	2800	ug/Kg	112				20 (10)	160 (175)	
2,4,6-Trichlorophenol	1200	0	1300	ug/Kg	108				70 (33)	130 (141)	
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100				70 (38)	130 (135)	
1,1-Biphenyl	1200	0	1100	ug/Kg	92				70 (55)	130 (131)	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				70 (48)	130 (124)	
2-Nitroaniline	1200	0	1200	ug/Kg	100				70 (47)	130 (134)	
Dimethylphthalate	1200	0	1200	ug/Kg	100				70 (54)	130 (120)	
Acenaphthylene	1200	0	1200	ug/Kg	100				70 (57)	130 (125)	
2,6-Dinitrotoluene	1200	0	1300	ug/Kg	108				70 (48)	130 (127)	
3-Nitroaniline	1200	0	820	ug/Kg	68	*			70 (10)	130 (112)	
Acenaphthene	1200	0	1200	ug/Kg	100				70 (70)	130 (121)	
2,4-Dinitrophenol	2500	0	2300	ug/Kg	92				20 (10)	160 (155)	
4-Nitrophenol	2500	0	1900	ug/Kg	76				20 (10)	160 (175)	
Dibenzofuran	1200	0	1100	ug/Kg	92				70 (52)	130 (114)	
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108				70 (41)	130 (140)	
Diethylphthalate	1200	0	1200	ug/Kg	100				70 (51)	130 (119)	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				70 (48)	130 (122)	
Fluorene	1200	0	1100	ug/Kg	92				70 (53)	130 (118)	
4-Nitroaniline	1200	0	1200	ug/Kg	100				70 (29)	130 (140)	
4,6-Dinitro-2-methylphenol	1200	0	1500	ug/Kg	125				70 (10)	130 (160)	
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100				70 (65)	130 (121)	
Hexachlorobenzene	1200	0	1200	ug/Kg	100				70 (67)	130 (118)	
Atrazine	1200	0	1400	ug/Kg	117				70 (45)	130 (175)	

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143367.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2500	0	2300	ug/Kg	92				20 (13)	160 (153)	
Phenanthrene	1200	0	1100	ug/Kg	92				70 (52)	130 (128)	
Anthracene	1200	0	1100	ug/Kg	92				70 (62)	130 (124)	
Carbazole	1200	0	1100	ug/Kg	92				70 (59)	130 (119)	
Di-n-butylphthalate	1200	0	1600	ug/Kg	133	*			70 (55)	130 (125)	
Fluoranthene	1200	0	1200	ug/Kg	100				70 (44)	130 (125)	
Pyrene	1200	0	870	ug/Kg	73				70 (37)	130 (122)	
Butylbenzylphthalate	1200	0	1800	ug/Kg	150	*			70 (44)	130 (135)	
3,3-Dichlorobenzidine	1200	0	960	ug/Kg	80				70 (15)	130 (112)	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				70 (53)	130 (119)	
Chrysene	1200	0	1100	ug/Kg	92				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1200	120	1800	ug/Kg	140	*			70 (42)	130 (169)	
Di-n-octyl phthalate	1200	0	1600	ug/Kg	133	*			70 (51)	130 (156)	
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100				70 (52)	130 (117)	
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92				70 (57)	130 (134)	
Benzo(a)pyrene	1200	0	1200	ug/Kg	100				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92				70 (40)	130 (129)	
Dibenz(a,h)anthracene	1200	0	1100	ug/Kg	92				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92				70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92				70 (52)	130 (134)	
1,4-Dioxane	1200	0	980	ug/Kg	82				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1200	0	1400	ug/Kg	117				70 (24)	130 (146)	

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143368.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2830-05MSD		**Client Sample ID: BIN0009-DRIVEWAY-TP-WESTSIDE**									
Benzaldehyde	1200	0	870	ug/Kg	73		7		20 (10)	160 (171)	30 (20)
Phenol	1200	0	1100	ug/Kg	92		10		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		70 (54)	130 (125)	30 (20)
2-Chlorophenol	1200	0	1200	ug/Kg	100		8		70 (51)	130 (121)	30 (20)
2-Methylphenol	1200	0	1200	ug/Kg	100		8		70 (47)	130 (125)	30 (20)
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		70 (46)	130 (119)	30 (20)
Acetophenone	1200	0	1100	ug/Kg	92		0		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	1200	0	1100	ug/Kg	92		10		20 (49)	160 (125)	30 (20)
N-Nitroso-di-n-propylamine	1200	0	1100	ug/Kg	92		0		70 (59)	130 (119)	30 (20)
Hexachloroethane	1200	0	1200	ug/Kg	100		0		20 (51)	160 (116)	30 (20)
Nitrobenzene	1200	0	1200	ug/Kg	100		8		70 (47)	130 (124)	30 (20)
Isophorone	1200	0	1200	ug/Kg	100		8		70 (49)	130 (127)	30 (20)
2-Nitrophenol	1200	0	1400	ug/Kg	117		0		70 (43)	130 (131)	30 (20)
2,4-Dimethylphenol	1200	0	1300	ug/Kg	108		8		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	1200	0	1200	ug/Kg	100		8		70 (51)	130 (119)	30 (20)
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100		0		70 (50)	130 (122)	30 (20)
Naphthalene	1200	0	1100	ug/Kg	92		0		70 (51)	130 (121)	30 (20)
4-Chloroaniline	1200	0	550	ug/Kg	46	*	8		70 (10)	130 (100)	30 (20)
Hexachlorobutadiene	1200	0	1100	ug/Kg	92		8		70 (44)	130 (126)	30 (20)
Caprolactam	1200	0	1500	ug/Kg	125		22		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	1200	0	1300	ug/Kg	108		16		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		0		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2500	0	2700	ug/Kg	108		4		20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1200	0	1300	ug/Kg	108		0		70 (33)	130 (141)	30 (20)
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100		0		70 (38)	130 (135)	30 (20)
1,1-Biphenyl	1200	0	1100	ug/Kg	92		0		70 (55)	130 (131)	30 (20)
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		70 (48)	130 (124)	30 (20)
2-Nitroaniline	1200	0	1300	ug/Kg	108		8		70 (47)	130 (134)	30 (20)
Dimethylphthalate	1200	0	1300	ug/Kg	108		8		70 (54)	130 (120)	30 (20)
Acenaphthylene	1200	0	1200	ug/Kg	100		0		70 (57)	130 (125)	30 (20)
2,6-Dinitrotoluene	1200	0	1500	ug/Kg	125		15		70 (48)	130 (127)	30 (20)
3-Nitroaniline	1200	0	990	ug/Kg	83		20		70 (10)	130 (112)	30 (20)
Acenaphthene	1200	0	1200	ug/Kg	100		0		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	2500	0	2700	ug/Kg	108		16		20 (10)	160 (155)	30 (20)
4-Nitrophenol	2500	0	2400	ug/Kg	96		23		20 (10)	160 (175)	30 (20)
Dibenzofuran	1200	0	1100	ug/Kg	92		0		70 (52)	130 (114)	30 (20)
2,4-Dinitrotoluene	1200	0	1500	ug/Kg	125		15		70 (41)	130 (140)	30 (20)
Diethylphthalate	1200	0	1400	ug/Kg	117		16		70 (51)	130 (119)	30 (20)
4-Chlorophenyl-phenylether	1200	0	1200	ug/Kg	100		8		70 (48)	130 (122)	30 (20)
Fluorene	1200	0	1100	ug/Kg	92		0		70 (53)	130 (118)	30 (20)
4-Nitroaniline	1200	0	1500	ug/Kg	125		22		70 (29)	130 (140)	30 (20)
4,6-Dinitro-2-methylphenol	1200	0	1600	ug/Kg	133	*	6		70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	1200	0	1100	ug/Kg	92		8		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		0		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1200	0	1100	ug/Kg	92		8		70 (67)	130 (118)	30 (20)
Atrazine	1200	0	1400	ug/Kg	117		0		70 (45)	130 (175)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143368.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	2500	0	2500	ug/Kg	100		8		20 (13)	160 (153)	30 (20)
Phenanthrene	1200	0	1100	ug/Kg	92		0		70 (52)	130 (128)	30 (20)
Anthracene	1200	0	1100	ug/Kg	92		0		70 (62)	130 (124)	30 (20)
Carbazole	1200	0	1100	ug/Kg	92		0		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	1200	0	1700	ug/Kg	142	*	7		70 (55)	130 (125)	30 (20)
Fluoranthene	1200	0	1300	ug/Kg	108		8		70 (44)	130 (125)	30 (20)
Pyrene	1200	0	1200	ug/Kg	100		31	*	70 (37)	130 (122)	30 (20)
Butylbenzylphthalate	1200	0	2300	ug/Kg	192	*	25		70 (44)	130 (135)	30 (20)
3,3-Dichlorobenzidine	1200	0	860	ug/Kg	72		11		70 (15)	130 (112)	30 (20)
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		0		70 (53)	130 (119)	30 (20)
Chrysene	1200	0	1200	ug/Kg	100		8		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1200	120	2000	ug/Kg	157	*	11		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	1200	0	1400	ug/Kg	117		13		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100		0		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108		16		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1200	0	1200	ug/Kg	100		0		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92		0		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1200	0	1200	ug/Kg	100		8		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92		0		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		0		70 (52)	130 (134)	30 (20)
1,4-Dioxane	1200	0	980	ug/Kg	82		0		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1200	0	1600	ug/Kg	133	*	13		70 (24)	130 (146)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025402.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169210BS	Benzaldehyde	1700	1000	ug/Kg	59				20 (10)	160 (133)	
	Phenol	1700	1700	ug/Kg	100				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	2-Chlorophenol	1700	1600	ug/Kg	94				70 (65)	130 (112)	
	2-Methylphenol	1700	1700	ug/Kg	100				70 (61)	130 (108)	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				70 (51)	130 (100)	
	Acetophenone	1700	1500	ug/Kg	88				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1600	ug/Kg	94				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				70 (63)	130 (95)	
	Hexachloroethane	1700	1500	ug/Kg	88				20 (72)	160 (108)	
	Nitrobenzene	1700	1500	ug/Kg	88				70 (57)	130 (101)	
	Isophorone	1700	1500	ug/Kg	88				70 (59)	130 (99)	
	2-Nitrophenol	1700	1600	ug/Kg	94				70 (61)	130 (111)	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				70 (46)	130 (141)	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				70 (62)	130 (107)	
	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	4-Chloroaniline	1700	1400	ug/Kg	82				70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				70 (53)	130 (98)	
	Caprolactam	1700	1600	ug/Kg	94				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				70 (58)	130 (112)	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	3100	ug/Kg	94				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100				70 (61)	130 (98)	
	1,1-Biphenyl	1700	1600	ug/Kg	94				70 (57)	130 (103)	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				70 (58)	130 (99)	
	2-Nitroaniline	1700	1600	ug/Kg	94				70 (66)	130 (101)	
	Dimethylphthalate	1700	1600	ug/Kg	94				70 (61)	130 (99)	
	Acenaphthylene	1700	1600	ug/Kg	94				70 (63)	130 (101)	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				70 (61)	130 (104)	
	3-Nitroaniline	1700	1500	ug/Kg	88				70 (28)	130 (100)	
	Acenaphthene	1700	1600	ug/Kg	94				70 (57)	130 (104)	
	2,4-Dinitrophenol	3300	3700	ug/Kg	112				20 (37)	160 (128)	
	4-Nitrophenol	3300	3500	ug/Kg	106				20 (48)	160 (119)	
	Dibenzofuran	1700	1500	ug/Kg	88				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				70 (60)	130 (106)	
	Diethylphthalate	1700	1600	ug/Kg	94				70 (60)	130 (101)	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				70 (58)	130 (98)	
	Fluorene	1700	1500	ug/Kg	88				70 (61)	130 (101)	
	4-Nitroaniline	1700	1600	ug/Kg	94				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				70 (66)	130 (102)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025402.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169210BS	Hexachlorobenzene	1700	1600	ug/Kg	94				70 (64)	130 (98)	
	Atrazine	1700	1600	ug/Kg	94				70 (47)	130 (152)	
	Pentachlorophenol	3300	3200	ug/Kg	97				20 (67)	160 (105)	
	Phenanthrene	1700	1600	ug/Kg	94				70 (59)	130 (103)	
	Anthracene	1700	1600	ug/Kg	94				70 (61)	130 (105)	
	Carbazole	1700	1600	ug/Kg	94				70 (61)	130 (99)	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				70 (58)	130 (104)	
	Fluoranthene	1700	1600	ug/Kg	94				70 (57)	130 (107)	
	Pyrene	1700	1600	ug/Kg	94				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				70 (55)	130 (103)	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				70 (42)	130 (91)	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				70 (60)	130 (102)	
	Chrysene	1700	1600	ug/Kg	94				70 (59)	130 (101)	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				70 (54)	130 (135)	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70 (52)	130 (137)	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (103)	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				70 (53)	130 (101)	
	1,4-Dioxane	1700	1400	ug/Kg	82				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				70 (59)	130 (108)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169210BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2826

Lab File ID: BF143366.D | Lab Sample ID: PB169210BL

Instrument ID: BNA_F | Date Extracted: 08/12/2025

Matrix: (soil/water) SOIL | Date Analyzed: 08/13/2025

Level: (low/med) LOW | Time Analyzed: 10:30

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BIN0009-DRIVEWAY-TP-WESTSIDEMS	Q2830-05MS	BF143367.D	08/13/2025
BIN0009-DRIVEWAY-TP-WESTSIDEMSD	Q2830-05MSD	BF143368.D	08/13/2025
PB169210BS	PB169210BS	BP025402.D	08/14/2025
WC1	Q2826-01	BP025466.D	08/18/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: BF143342.D DFTPP Injection Date: 08/12/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143343.D	08/12/2025	09:03
SSTDICC005	SSTDICC005	BF143344.D	08/12/2025	09:34
SSTDICC010	SSTDICC010	BF143345.D	08/12/2025	10:04
SSTDICC020	SSTDICC020	BF143346.D	08/12/2025	10:35
SSTDICCC040	SSTDICCC040	BF143347.D	08/12/2025	11:06
SSTDICC050	SSTDICC050	BF143348.D	08/12/2025	11:37
SSTDICC060	SSTDICC060	BF143349.D	08/12/2025	12:07
SSTDICC080	SSTDICC080	BF143350.D	08/12/2025	12:38

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: BF143364.D DFTPP Injection Date: 08/13/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143365.D	08/13/2025	10:00
PB169210BL	PB169210BL	BF143366.D	08/13/2025	10:30
BIN0009-DRIVEWAY-TP-WESTSIDEMS	Q2830-05MS	BF143367.D	08/13/2025	11:12
BIN0009-DRIVEWAY-TP-WESTSIDEMSD	Q2830-05MSD	BF143368.D	08/13/2025	11:42

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: BP025390.D DFTPP Injection Date: 08/14/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24
PB169210BS	PB169210BS	BP025402.D	08/14/2025	20:10

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: BP025454.D DFTPP Injection Date: 08/18/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	34.7
70	Less than 2.0% of mass 69	0.2 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	91.1
443	15.0 - 24.0% of mass 442	17.8 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025455.D	08/18/2025	10:39
WC1	Q2826-01	BP025466.D	08/18/2025	18:17

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2826

Client ID : SSTDCCC040 Date Analyzed: 08/13/2025

Lab File ID: BF143365.D Time Analyzed: 10:00

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	155874	6.934	589243	8.21	314886	9.96
	UPPER LIMIT	311748	7.434	1178490	8.71	629772	10.463
	LOWER LIMIT	77937	6.434	294622	7.71	157443	9.463
	EPA SAMPLE NO.						
01	PB169210BL	176496	6.93	674917	8.21	354793	9.96
02	BIN0009-DRIVEWAY-TP-WESTSIDEMS	137804	6.93	517024	8.21	272568	9.96
03	BIN0009-DRIVEWAY-TP-WESTSIDEMS	182122	6.93	707644	8.21	400799	9.97

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2826

Client ID: SSTDCCC040 Date Analyzed: 08/13/2025

Lab File ID: BF143365.D Time Analyzed: 10:00

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	455320	11.451	268507	14.092	321267	15.58
	UPPER LIMIT	910640	11.951	537014	14.592	642534	16.08
	LOWER LIMIT	227660	10.951	134254	13.592	160634	15.08
	EPA SAMPLE NO.						
01	PB169210BL	604678	11.45	338429	14.09	291238	15.58
02	BIN0009-DRIVEWAY-TP-WESTSI	391965	11.45	309493	14.09	383464	15.58
03	BIN0009-DRIVEWAY-TP-WESTSI	660496	11.45	401162	14.09	380758	15.58

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2826

Client ID : SSTDICCC040 Date Analyzed: 08/14/2025

Lab File ID: BP025396.D Time Analyzed: 15:19

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	157704	7.796	663553	10.56	441110	14.41
	UPPER LIMIT	315408	8.296	1327110	11.06	882220	14.907
	LOWER LIMIT	78852	7.296	331777	10.06	220555	13.907
	EPA SAMPLE NO.						
01	PB169210BS	156059	7.79	650560	10.56	435539	14.41

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2826

Client ID: SSTDICCC040 Date Analyzed: 08/14/2025

Lab File ID: BP025396.D Time Analyzed: 15:19

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	884529	17.201	899207	21.648	1022140	25.03
	UPPER LIMIT	1769060	17.701	1798410	22.148	2044280	25.53
	LOWER LIMIT	442265	16.701	449604	21.148	511070	24.53
	EPA SAMPLE NO.						
01	PB169210BS	895607	17.20	937531	21.65	1016820	25.02

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2826

Client ID : SSTDCCC040 Date Analyzed: 08/18/2025

Lab File ID: BP025455.D Time Analyzed: 10:39

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	129439	7.778	550485	10.55	359982	14.40
	UPPER LIMIT	258878	8.278	1100970	11.048	719964	14.901
	LOWER LIMIT	64719.5	7.278	275243	10.048	179991	13.901
	EPA SAMPLE NO.						
01	WC1	171293	7.79	683551	10.55	427689	14.40

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2826

Client ID: SSTDCCC040 Date Analyzed: 08/18/2025

Lab File ID: BP025455.D Time Analyzed: 10:39

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	707933	17.189	748424	21.63	846697	25
	UPPER LIMIT	1415870	17.689	1496850	22.13	1693390	25.5
	LOWER LIMIT	353967	16.689	374212	21.13	423349	24.5
	EPA SAMPLE NO.						
01	WC1	882062	17.20	894833	21.64	1035070	25.01

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB169210BL	SDG No.:	Q2826
Lab Sample ID:	PB169210BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.1	U	58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.0	U	52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB169210BL			SDG No.:	Q2826
Lab Sample ID:	PB169210BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.0	U	50.0	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.2	U	51.2	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.3	U	71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.1	U	59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB169210BL			SDG No.:	Q2826
Lab Sample ID:	PB169210BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	123		30 (18) - 130 (112)	82%	SPK: 150
13127-88-3	Phenol-d6	120		30 (15) - 130 (107)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.5		30 (18) - 130 (107)	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.2		30 (20) - 130 (109)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	166		30 (10) - 130 (116)	110%	SPK: 150
1718-51-0	Terphenyl-d14	101		30 (10) - 130 (105)	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	176000	6.928			
1146-65-2	Naphthalene-d8	675000	8.21			
15067-26-2	Acenaphthene-d10	355000	9.963			
1517-22-2	Phenanthrene-d10	605000	11.451			
1719-03-5	Chrysene-d12	338000	14.086			
1520-96-3	Perylene-d12	291000	15.58			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	86.9	J		2.32	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	340	A		5.18	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB169210BL			SDG No.:	Q2826
Lab Sample ID:	PB169210BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB169210BS	SDG No.:	Q2826
Lab Sample ID:	PB169210BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1000		160	330	ug/Kg
108-95-2	Phenol	1700		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1700		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		37.5	170	ug/Kg
98-86-2	Acetophenone	1500		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	1400		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1600		27.1	170	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB169210BS	SDG No.:	Q2826
Lab Sample ID:	PB169210BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1500		46.0	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1600		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		25.3	170	ug/Kg
1912-24-9	Atrazine	1600		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	51.3	330	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
86-74-8	Carbazole	1600		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		47.9	170	ug/Kg
206-44-0	Fluoranthene	1600		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB169210BS			SDG No.:	Q2826
Lab Sample ID:	PB169210BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1400		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	136		30 (18) - 130 (112)	91%	SPK: 150
13127-88-3	Phenol-d6	138		30 (15) - 130 (107)	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.6		30 (18) - 130 (107)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.7		30 (20) - 130 (109)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		30 (10) - 130 (116)	92%	SPK: 150
1718-51-0	Terphenyl-d14	83.1		30 (10) - 130 (105)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	156000	7.79			
1146-65-2	Naphthalene-d8	651000	10.56			
15067-26-2	Acenaphthene-d10	436000	14.413			
1517-22-2	Phenanthrene-d10	896000	17.201			
1719-03-5	Chrysene-d12	938000	21.648			
1520-96-3	Perylene-d12	1020000	25.018			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	820		120	240	ug/Kg
108-95-2	Phenol	1000		16.4	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		18.0	130	ug/Kg
95-57-8	2-Chlorophenol	1100		18.1	130	ug/Kg
95-48-7	2-Methylphenol	1100		22.1	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		27.8	130	ug/Kg
98-86-2	Acetophenone	1100		21.8	130	ug/Kg
65794-96-9	3+4-Methylphenols	1000		30.4	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		35.1	59.2	ug/Kg
67-72-1	Hexachloroethane	1200		13.0	130	ug/Kg
98-95-3	Nitrobenzene	1100		13.6	130	ug/Kg
78-59-1	Isophorone	1100		24.3	130	ug/Kg
88-75-5	2-Nitrophenol	1400		43.1	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		48.0	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		22.8	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		21.0	130	ug/Kg
91-20-3	Naphthalene	1100		16.8	130	ug/Kg
106-47-8	4-Chloroaniline	600		26.2	130	ug/Kg
87-68-3	Hexachlorobutadiene	1200		18.7	130	ug/Kg
105-60-2	Caprolactam	1200		38.6	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		21.3	130	ug/Kg
91-57-6	2-Methylnaphthalene	1000		19.0	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	E	85.9	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		14.7	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		21.6	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		16.1	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.7	130	ug/Kg
88-74-4	2-Nitroaniline	1200		35.6	130	ug/Kg
131-11-3	Dimethylphthalate	1200		20.1	130	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1200		21.4	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		24.9	130	ug/Kg
99-09-2	3-Nitroaniline	820		34.1	130	ug/Kg
83-32-9	Acenaphthene	1200		15.8	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2300	E	170	240	ug/Kg
100-02-7	4-Nitrophenol	1900		79.2	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.8	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		37.1	130	ug/Kg
84-66-2	Diethylphthalate	1200		21.0	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		19.8	130	ug/Kg
86-73-7	Fluorene	1100		18.7	130	ug/Kg
100-01-6	4-Nitroaniline	1200		47.5	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		76.3	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		24.4	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		20.6	130	ug/Kg
118-74-1	Hexachlorobenzene	1200		18.7	130	ug/Kg
1912-24-9	Atrazine	1400		25.2	130	ug/Kg
87-86-5	Pentachlorophenol	2300	E	38.0	240	ug/Kg
85-01-8	Phenanthrene	1100		15.5	130	ug/Kg
120-12-7	Anthracene	1100		24.7	130	ug/Kg
86-74-8	Carbazole	1100		23.1	130	ug/Kg
84-74-2	Di-n-butylphthalate	1600		35.5	130	ug/Kg
206-44-0	Fluoranthene	1200		22.2	130	ug/Kg
129-00-0	Pyrene	870		26.7	130	ug/Kg
85-68-7	Butylbenzylphthalate	1800		52.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	960		27.2	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.0	130	ug/Kg
218-01-9	Chrysene	1100		14.7	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		43.8	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		64.3	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		14.1	130	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		16.6	130	ug/Kg
50-32-8	Benzo(a)pyrene	1200		21.8	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		21.6	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		20.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		19.0	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		19.0	130	ug/Kg
123-91-1	1,4-Dioxane	980		33.5	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		20.3	130	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	95.7		30 (18) - 130 (112)	64%	SPK: 150
13127-88-3	Phenol-d6	95.4		30 (15) - 130 (107)	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.4		30 (18) - 130 (107)	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.9		30 (20) - 130 (109)	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		30 (10) - 130 (116)	81%	SPK: 150
1718-51-0	Terphenyl-d14	58.4		30 (10) - 130 (105)	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	138000	6.928			
1146-65-2	Naphthalene-d8	517000	8.21			
15067-26-2	Acenaphthene-d10	273000	9.963			
1517-22-2	Phenanthrene-d10	392000	11.451			
1719-03-5	Chrysene-d12	309000	14.092			
1520-96-3	Perylene-d12	383000	15.58			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	870		120	240	ug/Kg
108-95-2	Phenol	1100		16.4	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		18.0	130	ug/Kg
95-57-8	2-Chlorophenol	1200		18.1	130	ug/Kg
95-48-7	2-Methylphenol	1200		22.1	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		27.8	130	ug/Kg
98-86-2	Acetophenone	1100		21.8	130	ug/Kg
65794-96-9	3+4-Methylphenols	1100		30.4	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		35.1	59.2	ug/Kg
67-72-1	Hexachloroethane	1200		13.0	130	ug/Kg
98-95-3	Nitrobenzene	1200		13.5	130	ug/Kg
78-59-1	Isophorone	1200		24.3	130	ug/Kg
88-75-5	2-Nitrophenol	1400		43.1	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		48.0	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		22.8	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		21.0	130	ug/Kg
91-20-3	Naphthalene	1100		16.8	130	ug/Kg
106-47-8	4-Chloroaniline	550		26.2	130	ug/Kg
87-68-3	Hexachlorobutadiene	1100		18.7	130	ug/Kg
105-60-2	Caprolactam	1500		38.6	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		21.2	130	ug/Kg
91-57-6	2-Methylnaphthalene	1000		19.0	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	E	85.9	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		14.7	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		21.5	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		16.1	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.7	130	ug/Kg
88-74-4	2-Nitroaniline	1300		35.6	130	ug/Kg
131-11-3	Dimethylphthalate	1300		20.1	130	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1200		21.4	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		24.9	130	ug/Kg
99-09-2	3-Nitroaniline	990		34.1	130	ug/Kg
83-32-9	Acenaphthene	1200		15.8	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	170	240	ug/Kg
100-02-7	4-Nitrophenol	2400	E	79.2	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.8	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		37.1	130	ug/Kg
84-66-2	Diethylphthalate	1400		21.0	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		19.8	130	ug/Kg
86-73-7	Fluorene	1100		18.7	130	ug/Kg
100-01-6	4-Nitroaniline	1500		47.5	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		76.3	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		24.4	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		20.6	130	ug/Kg
118-74-1	Hexachlorobenzene	1100		18.7	130	ug/Kg
1912-24-9	Atrazine	1400		25.2	130	ug/Kg
87-86-5	Pentachlorophenol	2500	E	38.0	240	ug/Kg
85-01-8	Phenanthrene	1100		15.5	130	ug/Kg
120-12-7	Anthracene	1100		24.7	130	ug/Kg
86-74-8	Carbazole	1100		23.1	130	ug/Kg
84-74-2	Di-n-butylphthalate	1700		35.5	130	ug/Kg
206-44-0	Fluoranthene	1300		22.2	130	ug/Kg
129-00-0	Pyrene	1200		26.7	130	ug/Kg
85-68-7	Butylbenzylphthalate	2300	E	52.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860		27.2	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.0	130	ug/Kg
218-01-9	Chrysene	1200		14.7	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		43.8	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		64.3	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		14.1	130	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1300		16.6	130	ug/Kg
50-32-8	Benzo(a)pyrene	1200		21.8	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		21.5	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		20.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		19.0	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		19.0	130	ug/Kg
123-91-1	1,4-Dioxane	980		33.5	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		20.3	130	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.8		30 (18) - 130 (112)	65%	SPK: 150
13127-88-3	Phenol-d6	101		30 (15) - 130 (107)	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.3		30 (18) - 130 (107)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.9		30 (20) - 130 (109)	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		30 (10) - 130 (116)	95%	SPK: 150
1718-51-0	Terphenyl-d14	77.5		30 (10) - 130 (105)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	182000	6.928			
1146-65-2	Naphthalene-d8	708000	8.21			
15067-26-2	Acenaphthene-d10	401000	9.969			
1517-22-2	Phenanthrene-d10	660000	11.451			
1719-03-5	Chrysene-d12	401000	14.092			
1520-96-3	Perylene-d12	381000	15.58			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 12 13:25:39 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143343.D 5 =BF143344.D 10 =BF143345.D 20 =BF143346.D 40 =BF143347.D 50 =BF143348.D 60 =BF143349.D 80 =BF1433
50.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.606	0.582	0.614	0.596	0.592	0.612	0.586	0.598	2.12
3)		Pyridine		1.476	1.573	1.597	1.615	1.623	1.668	1.613	1.595	3.75
4)		n-Nitrosodimet...			0.686	0.711	0.759	0.762	0.776	0.764	0.743	4.80
5)	S	2-Fluorophenol		1.155	1.170	1.207	1.179	1.143	1.151	1.090	1.157	3.15
6)		Aniline		2.162	2.139	2.178	2.119	2.029	2.057	1.954	2.091	3.88
7)	S	Phenol-d6		1.527	1.505	1.541	1.500	1.447	1.475	1.386	1.483	3.58
8)		2-Chlorophenol		1.167	1.215	1.272	1.259	1.240	1.271	1.227	1.236	3.01
9)		Benzaldehyde			1.109	1.106	1.011	0.875	0.800		0.980	14.15
10)	C	Phenol		1.823	1.791	1.843	1.783	1.721	1.734	1.604	1.757	4.56
11)		bis(2-Chloroet...		1.357	1.304	1.333	1.306	1.252	1.279	1.235	1.295	3.34
12)		1,3-Dichlorobe...		1.551	1.479	1.482	1.432	1.364	1.386	1.285	1.425	6.21
13)	C	1,4-Dichlorobe...		1.576	1.510	1.485	1.414	1.370	1.366	1.294	1.431	6.82
14)		1,2-Dichlorobe...		1.486	1.416	1.407	1.347	1.295	1.309	1.247	1.358	6.09
15)		Benzyl Alcohol			0.980	1.069	1.088	1.066	1.097	1.079	1.063	3.98
16)		2,2'-oxybis(1-...		2.521	2.408	2.435	2.317	2.214	2.224	2.065	2.312	6.76
17)		2-Methylphenol		1.017	1.038	1.077	1.064	1.036	1.059	1.012	1.043	2.35
18)		Hexachloroethane		0.425	0.433	0.460	0.462	0.449	0.466	0.444	0.449	3.42
19)	P	n-Nitroso-di-n...	0.956	0.992	0.942	0.957	0.910	0.863	0.875	0.837	0.916	5.89
20)		3+4-Methylphenols			1.331	1.373	1.288	1.227	1.227	1.125	1.262	7.00
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.500	0.478	0.475	0.429	0.404	0.417	0.381	0.441	9.98
23)	S	Nitrobenzene-d5		0.277	0.304	0.339	0.336	0.328	0.341	0.324	0.321	7.17
24)		Nitrobenzene		0.322	0.329	0.366	0.359	0.352	0.367	0.347	0.349	5.02
25)		Isophorone		0.692	0.662	0.683	0.645	0.627	0.651	0.630	0.656	3.79
26)	C	2-Nitrophenol		0.069	0.085	0.109	0.126	0.134	0.151	0.150	0.118	26.89
27)		2,4-Dimethylph...		0.259	0.261	0.288	0.279	0.275	0.285	0.267	0.274	4.15
28)		bis(2-Chloroet...		0.424	0.410	0.425	0.396	0.383	0.396	0.369	0.400	5.19
29)	C	2,4-Dichloroph...		0.243	0.256	0.286	0.275	0.270	0.279	0.262	0.267	5.54
30)		1,2,4-Trichlor...		0.299	0.290	0.299	0.277	0.269	0.278	0.260	0.282	5.30
31)		Naphthalene		1.083	1.023	1.029	0.944	0.901	0.917	0.839	0.962	8.88
32)		Benzoic acid			0.069	0.085	0.108	0.120	0.136	0.142	0.110	25.83
33)		4-Chloroaniline		0.362	0.350	0.367	0.345	0.334	0.345	0.326	0.347	4.13
34)	C	Hexachlorobuta...		0.185	0.181	0.187	0.175	0.166	0.171	0.161	0.175	5.49
35)		Caprolactam			0.061	0.073	0.079	0.078	0.081	0.079	0.075	9.95
36)	C	4-Chloro-3-met...		0.270	0.274	0.296	0.286	0.279	0.286	0.270	0.280	3.54
37)		2-Methylnaphth...		0.720	0.673	0.681	0.622	0.591	0.593	0.548	0.633	9.63
38)		1-Methylnaphth...		0.690	0.654	0.653	0.595	0.568	0.574	0.531	0.609	9.38

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.588	0.566	0.575	0.542	0.524	0.537	0.499	0.547	5.66
41)	P	Hexachlorocycl...		0.088	0.130	0.167	0.172	0.192	0.201	0.158	26.72
42)	S	2,4,6-Tribromo...	0.105	0.127	0.149	0.160	0.160	0.164	0.159	0.146	15.13
43)	C	2,4,6-Trichlor...	0.242	0.272	0.316	0.334	0.328	0.343	0.338	0.311	12.43
44)		2,4,5-Trichlor...	0.307	0.308	0.366	0.377	0.364	0.370	0.361	0.351	8.48
45)	S	2-Fluorobiphenyl	1.444	1.332	1.285	1.132	1.060	1.052	0.951	1.179	15.06
46)		1,1'-Biphenyl	1.613	1.506	1.516	1.389	1.317	1.335	1.223	1.414	9.63
47)		2-Chloronaphth...	1.216	1.176	1.180	1.095	1.046	1.081	1.003	1.114	7.06
48)		2-Nitroaniline	0.188	0.223	0.279	0.309	0.321	0.336	0.330	0.284	20.23
49)		Acenaphthylene	1.759	1.682	1.719	1.588	1.525	1.541	1.444	1.608	7.13
50)		Dimethylphthalate	1.160	1.178	1.244	1.180	1.144	1.171	1.103	1.169	3.66
51)		2,6-Dinitrotol...	0.125	0.147	0.188	0.213	0.219	0.234	0.228	0.193	21.87
52)	C	Acenaphthene	1.208	1.127	1.121	1.054	1.012	1.017	0.945	1.069	8.28
53)		3-Nitroaniline	0.159	0.193	0.250	0.261	0.265	0.281	0.266	0.239	18.92
54)	P	2,4-Dinitrophenol		0.030	0.046	0.066	0.073	0.086	0.092	0.065	36.52
55)		Dibenzofuran	1.757	1.641	1.634	1.511	1.438	1.446	1.346	1.539	9.33
56)	P	4-Nitrophenol		0.096	0.147	0.173	0.180	0.194	0.190	0.163	22.52
57)		2,4-Dinitrotol...	0.154	0.191	0.257	0.289	0.296	0.308	0.297	0.256	23.42
58)		Fluorene	1.381	1.288	1.251	1.142	1.091	1.089	0.986	1.175	11.65
59)		2,3,4,6-Tetrac...	0.172	0.188	0.236	0.255	0.258	0.276	0.270	0.236	17.33
60)		Diethylphthalate	1.011	1.061	1.132	1.081	1.037	1.031	0.974	1.047	4.84
61)		4-Chlorophenyl...	0.645	0.601	0.600	0.563	0.533	0.536	0.498	0.568	8.84
62)		4-Nitroaniline	0.174	0.202	0.253	0.249	0.248	0.253	0.242	0.232	13.40
63)		Azobenzene	1.302	1.228	1.285	1.193	1.147	1.149	1.065	1.196	6.99
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.036	0.054	0.071	0.077	0.087	0.091	0.069	29.75
66)	c	n-Nitrosodiphe...	0.693	0.670	0.674	0.655	0.639	0.651	0.627	0.659	3.38
67)		4-Bromophenyl-...	0.232	0.222	0.232	0.231	0.227	0.231	0.226	0.229	1.65
68)		Hexachlorobenzene	0.258	0.249	0.250	0.244	0.237	0.248	0.240	0.247	2.76
69)		Atrazine	0.147	0.157	0.187	0.178	0.180	0.182	0.173	0.172	8.45
70)	C	Pentachlorophenol		0.058	0.087	0.108	0.113	0.120	0.122	0.101	24.06
71)		Phenanthrene	1.214	1.159	1.156	1.081	1.022	1.034	0.973	1.091	8.02
72)		Anthracene	1.225	1.168	1.184	1.088	1.043	1.057	0.980	1.107	7.97
73)		Carbazole	1.049	1.000	1.017	0.934	0.879	0.893	0.825	0.942	8.71
74)		Di-n-butylphth...	0.674	0.739	0.889	0.864	0.819	0.817	0.780	0.798	9.24
75)	C	Fluoranthene	1.120	1.054	1.051	0.917	0.873	0.856	0.820	0.956	12.27
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.541	0.653	0.591	0.549	0.511	0.434	0.547	13.50
78)		Pyrene	1.924	1.963	1.910	1.661	1.513	1.460	1.315	1.678	15.44
79)	S	Terphenyl-d14	1.337	1.346	1.297	1.089	0.976	0.957	0.841	1.120	18.44
80)		Butylbenzylpht...	0.179	0.208	0.272	0.303	0.320	0.346	0.359	0.284	24.15
81)		Benzo(a)anthra...	1.335	1.224	1.339	1.258	1.229	1.309	1.205	1.271	4.37
82)		3,3'-Dichlorob...		0.255	0.327	0.364	0.374	0.382	0.358	0.343	13.77
83)		Chrysene	1.270	1.249	1.199	1.175	1.163	1.143	1.098	1.185	5.06
84)		Bis(2-ethylhex...	0.228	0.277	0.348	0.441	0.478	0.520	0.531	0.403	29.82
85)	c	Di-n-octyl pht...		0.545	0.692	0.888	0.945	1.045	1.047	0.860	23.52

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.401	1.455	1.479	1.449	1.392	1.443	1.411	1.433	2.24
88)		Benzo(b)fluora...	1.172	1.027	1.092	1.118	1.046	1.147	1.054	1.094	4.98
89)		Benzo(k)fluora...	1.064	1.080	1.158	1.036	1.053	1.022	1.027	1.063	4.41
90)	C	Benzo(a)pyrene	1.049	1.011	1.060	1.033	1.012	1.039	1.008	1.030	1.99
91)		Dibenzo(a,h)an...	1.129	1.162	1.184	1.170	1.119	1.155	1.094	1.145	2.77
92)		Benzo(g,h,i)pe...	1.108	1.192	1.188	1.169	1.124	1.168	1.123	1.153	2.94

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP0253
99.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07
3)		Pyridine		1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77
4)		n-Nitrosodimet...			0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13
5)	S	2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42
6)		Aniline		2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96
7)	S	Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16
8)		2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83
9)		Benzaldehyde			0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12
10)	C	Phenol		1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87
11)		bis(2-Chloroet...		1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78
12)		1,3-Dichlorobe...		1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07
13)	C	1,4-Dichlorobe...		1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12
14)		1,2-Dichlorobe...		1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35
15)		Benzyl Alcohol			1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83
16)		2,2'-oxybis(1-...		1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96
17)		2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41
18)		Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13
19)	P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)		3+4-Methylphenols			1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96
23)	S	Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65
24)		Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21
25)		Isophorone		0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70
26)	C	2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43
27)		2,4-Dimethylph...		0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46
28)		bis(2-Chloroet...		0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61
29)	C	2,4-Dichloroph...		0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71
30)		1,2,4-Trichlor...		0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61
31)		Naphthalene		1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06
32)		Benzoic acid			0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20
33)		4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19
34)	C	Hexachlorobuta...		0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05
35)		Caprolactam			0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67
36)	C	4-Chloro-3-met...		0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85
37)		2-Methylnaphth...		0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69
38)		1-Methylnaphth...		0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00
41)	P	Hexachlorocycl...		0.274	0.313	0.348	0.387	0.388	0.383	0.349	13.46
42)	S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39
43)	C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56
44)		2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52
45)	S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04
46)		1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37
47)		2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99
48)		2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85
49)		Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63
50)		Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12
51)		2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95
52)	C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93
53)		3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56
54)	P	2,4-Dinitrophenol		0.114	0.140	0.163	0.186	0.192	0.194	0.165	19.83
55)		Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40
56)	P	4-Nitrophenol		0.251	0.265	0.279	0.315	0.304	0.298	0.285	8.56
57)		2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61
58)		Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02
59)		2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01
60)		Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48
61)		4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91
62)		4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89
63)		Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.096	0.113	0.123	0.139	0.139	0.138	0.125	14.21
66)	c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99
67)		4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34
68)		Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06
69)		Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74
70)	C	Pentachlorophenol		0.135	0.154	0.157	0.177	0.171	0.172	0.161	9.76
71)		Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88
72)		Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37
73)		Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32
74)		Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86
75)	C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.642	0.642	0.967	0.664	0.608	0.573	0.683	20.94
78)		Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00
79)	S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15
80)		Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55
81)		Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21
82)		3,3'-Dichlorob...		0.482	0.507	0.488	0.521	0.506	0.480	0.497	3.31
83)		Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49
84)		Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73
85)	c	Di-n-octyl pht...		1.381	1.498	1.444	1.572	1.563	1.491	1.492	4.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)		Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)		Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90)	C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)		Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)		Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Instrument ID: BNA_F Calibration Date/Time: 08/13/2025 10:00

Lab File ID: BF143365.D Init. Calib. Date(s): 08/12/2025 08/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:03 12:38

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.157	1.077		-6.9	
Benzaldehyde	0.980	0.870		-11.2	
Phenol-d6	1.483	1.334		-10.0	
Phenol	1.757	1.609		-8.4	20.0
bis(2-Chloroethyl)ether	1.295	1.200		-7.3	
2-Chlorophenol	1.236	1.195		-3.3	
2-Methylphenol	1.043	0.939		-10.0	
2,2-oxybis(1-Chloropropane)	2.312	2.149		-7.1	
Acetophenone	0.441	0.396		-10.2	
3+4-Methylphenols	1.262	1.144		-9.4	
n-Nitroso-di-n-propylamine	0.916	0.821	0.050	-10.4	
Nitrobenzene-d5	0.321	0.325		1.2	
Hexachloroethane	0.449	0.453		0.9	
Nitrobenzene	0.349	0.338		-3.2	
Isophorone	0.656	0.596		-9.1	
2-Nitrophenol	0.118	0.159		34.7	20.0
2,4-Dimethylphenol	0.274	0.264		-3.7	
bis(2-Chloroethoxy)methane	0.400	0.377		-5.8	
2,4-Dichlorophenol	0.267	0.259		-3.0	20.0
Naphthalene	0.962	0.881		-8.4	
4-Chloroaniline	0.347	0.317		-8.6	
Hexachlorobutadiene	0.175	0.172		-1.7	20.0
Caprolactam	0.075	0.067		-10.7	
4-Chloro-3-methylphenol	0.280	0.261		-6.8	20.0
2-Methylnaphthalene	0.633	0.580		-8.4	
Hexachlorocyclopentadiene	0.158	0.203	0.050	28.5	
2,4,6-Trichlorophenol	0.311	0.302		-2.9	20.0
2-Fluorobiphenyl	1.179	1.063		-9.8	
2,4,5-Trichlorophenol	0.351	0.334		-4.8	
1,1-Biphenyl	1.414	1.295		-8.4	
2-Chloronaphthalene	1.114	1.020		-8.4	
2-Nitroaniline	0.284	0.317		11.6	
Dimethylphthalate	1.169	1.088		-6.9	
Acenaphthylene	1.608	1.448		-9.9	
2,6-Dinitrotoluene	0.193	0.227		17.6	
3-Nitroaniline	0.239	0.251		5.0	
Acenaphthene	1.069	0.988		-7.6	20.0
2,4-Dinitrophenol	0.065	0.087	0.050	33.8	
4-Nitrophenol	0.163	0.169	0.050	3.7	

Form VII SV-1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Instrument ID: BNA_F Calibration Date/Time: 08/13/2025 10:00

Lab File ID: BF143365.D Init. Calib. Date(s): 08/12/2025 08/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:03 12:38

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.539	1.391		-9.6	
2,4-Dinitrotoluene	0.256	0.301		17.6	
Diethylphthalate	1.047	0.995		-5.0	
4-Chlorophenyl-phenylether	0.568	0.526		-7.4	
Fluorene	1.175	1.049		-10.7	
4-Nitroaniline	0.232	0.220		-5.2	
4,6-Dinitro-2-methylphenol	0.069	0.092		33.3	
n-Nitrosodiphenylamine	0.659	0.614		-6.8	20.0
2,4,6-Tribromophenol	0.146	0.155		6.2	
4-Bromophenyl-phenylether	0.229	0.225		-1.7	
Hexachlorobenzene	0.247	0.235		-4.9	
Atrazine	0.172	0.162		-5.8	
Pentachlorophenol	0.101	0.184		82.2	20.0
Phenanthrene	1.091	0.981		-10.1	
Anthracene	1.107	1.018		-8.0	
Carbazole	0.942	0.812		-13.8	
Di-n-butylphthalate	0.798	0.842		5.5	
Fluoranthene	0.956	0.844		-11.7	20.0
Pyrene	1.678	1.460		-13.0	
Terphenyl-d14	1.120	1.033		-7.8	
Butylbenzylphthalate	0.284	0.450		58.5	
3,3-Dichlorobenzidine	0.343	0.378		10.2	
Benzo(a)anthracene	1.271	1.152		-9.4	
Chrysene	1.185	1.104		-6.8	
Bis(2-ethylhexyl)phthalate	0.403	0.722		79.2	
Di-n-octyl phthalate	0.860	1.370		59.3	20.0
Benzo(b)fluoranthene	1.094	1.067		-2.5	
Benzo(k)fluoranthene	1.063	0.958		-9.9	
Benzo(a)pyrene	1.030	0.955		-7.3	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.348		-5.9	
Dibenzo(a,h)anthracene	1.145	1.104		-3.6	
Benzo(g,h,i)perylene	1.153	1.041		-9.7	
1,2,4,5-Tetrachlorobenzene	0.547	0.517		-5.5	
1,4-Dioxane	0.598	0.537		-10.2	20.0
2,3,4,6-Tetrachlorophenol	0.236	0.251		6.4	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Instrument ID: BNA_P Calibration Date/Time: 08/18/2025 10:39

Lab File ID: BP025455.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.235		2.6	
Benzaldehyde	1.082	1.303		20.4	
Phenol-d6	1.544	1.590		3.0	
Phenol	1.620	1.656		2.2	20.0
bis(2-Chloroethyl)ether	1.263	1.286		1.8	
2-Chlorophenol	1.359	1.381		1.6	
2-Methylphenol	1.125	1.153		2.5	
2,2-oxybis(1-Chloropropane)	1.692	1.765		4.3	
Acetophenone	0.502	0.501		-0.2	
3+4-Methylphenols	1.560	1.576		1.0	
n-Nitroso-di-n-propylamine	1.023	1.040	0.050	1.7	
Nitrobenzene-d5	0.395	0.398		0.8	
Hexachloroethane	0.563	0.576		2.3	
Nitrobenzene	0.353	0.357		1.1	
Isophorone	0.700	0.685		-2.1	
2-Nitrophenol	0.181	0.183		1.1	20.0
2,4-Dimethylphenol	0.312	0.308		-1.3	
bis(2-Chloroethoxy)methane	0.423	0.425		0.5	
2,4-Dichlorophenol	0.310	0.317		2.3	20.0
Naphthalene	1.040	1.026		-1.3	
4-Chloroaniline	0.459	0.458		-0.2	
Hexachlorobutadiene	0.211	0.207		-1.9	20.0
Caprolactam	0.114	0.113		-0.9	
4-Chloro-3-methylphenol	0.355	0.363		2.3	20.0
2-Methylnaphthalene	0.676	0.668		-1.2	
Hexachlorocyclopentadiene	0.349	0.479	0.050	37.2	
2,4,6-Trichlorophenol	0.390	0.407		4.4	20.0
2-Fluorobiphenyl	1.463	1.437		-1.8	
2,4,5-Trichlorophenol	0.427	0.443		3.7	
1,1-Biphenyl	1.453	1.458		0.3	
2-Chloronaphthalene	1.131	1.121		-0.9	
2-Nitroaniline	0.329	0.352		7.0	
Dimethylphthalate	1.465	1.456		-0.6	
Acenaphthylene	1.871	1.865		-0.3	
2,6-Dinitrotoluene	0.309	0.319		3.2	
3-Nitroaniline	0.347	0.358		3.2	
Acenaphthene	1.098	1.088		-0.9	20.0
2,4-Dinitrophenol	0.165	0.167	0.050	1.2	
4-Nitrophenol	0.285	0.290	0.050	1.8	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Instrument ID: BNA_P Calibration Date/Time: 08/18/2025 10:39

Lab File ID: BP025455.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.717		-1.1	
2,4-Dinitrotoluene	0.440	0.450		2.3	
Diethylphthalate	1.488	1.500		0.8	
4-Chlorophenyl-phenylether	0.681	0.663		-2.6	
Fluorene	1.370	1.347		-1.7	
4-Nitroaniline	0.356	0.365		2.5	
4,6-Dinitro-2-methylphenol	0.125	0.116		-7.2	
n-Nitrosodiphenylamine	0.610	0.623		2.1	20.0
2,4,6-Tribromophenol	0.269	0.270		0.4	
4-Bromophenyl-phenylether	0.220	0.224		1.8	
Hexachlorobenzene	0.255	0.253		-0.8	
Atrazine	0.228	0.233		2.2	
Pentachlorophenol	0.161	0.154		-4.3	20.0
Phenanthrene	1.099	1.124		2.3	
Anthracene	1.122	1.138		1.4	
Carbazole	1.057	1.069		1.1	
Di-n-butylphthalate	1.300	1.334		2.6	
Fluoranthene	1.311	1.325		1.1	20.0
Pyrene	1.300	1.310		0.8	
Terphenyl-d14	1.093	1.084		-0.8	
Butylbenzylphthalate	0.589	0.592		0.5	
3,3-Dichlorobenzidine	0.497	0.490		-1.4	
Benzo(a)anthracene	1.319	1.322		0.2	
Chrysene	1.235	1.263		2.3	
Bis(2-ethylhexyl)phthalate	0.867	0.880		1.5	
Di-n-octyl phthalate	1.492	1.489		-0.2	20.0
Benzo(b)fluoranthene	1.179	1.212		2.8	
Benzo(k)fluoranthene	1.180	1.195		1.3	
Benzo(a)pyrene	1.148	1.152		0.3	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.451		-1.1	
Dibenzo(a,h)anthracene	1.199	1.196		-0.3	
Benzo(g,h,i)perylene	1.178	1.171		-0.6	
1,2,4,5-Tetrachlorobenzene	0.578	0.569		-1.6	
1,4-Dioxane	0.472	0.474		0.4	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.395		4.8	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Quant Time: Aug 18 18:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

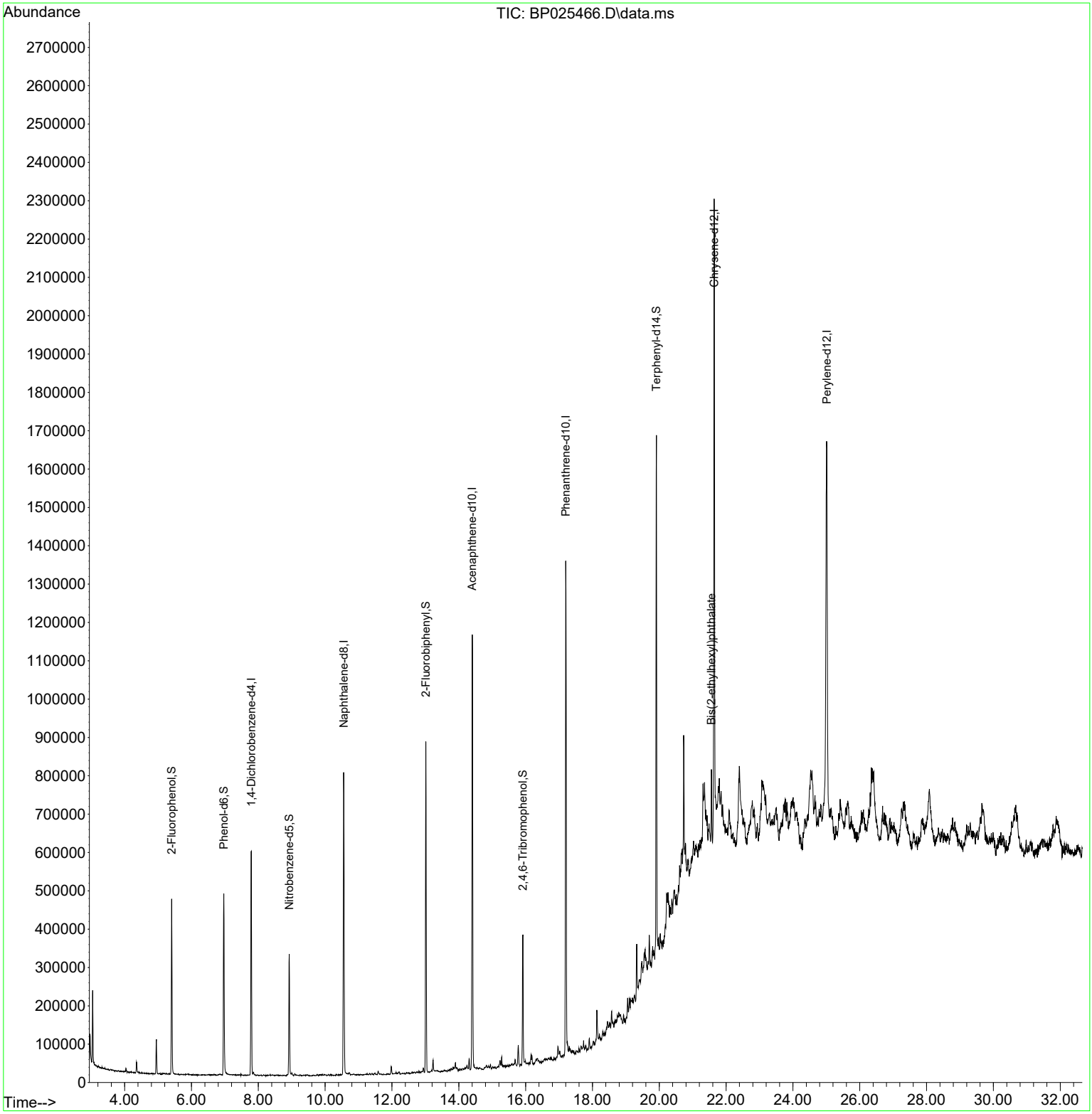
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	171293	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	683551	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	427689	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	882062	20.000	ng	0.00
76) Chrysene-d12	21.642	240	894833	20.000	ng	0.00
86) Perylene-d12	25.013	264	1035074	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	196413	19.042	ng	0.00
7) Phenol-d6	6.966	99	275769	20.854	ng	0.00
23) Nitrobenzene-d5	8.925	82	177506	13.136	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	67758	11.770	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	429854	13.736	ng	0.00
79) Terphenyl-d14	19.913	244	700118	14.315	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.560	149	92036	2.372	ng	99

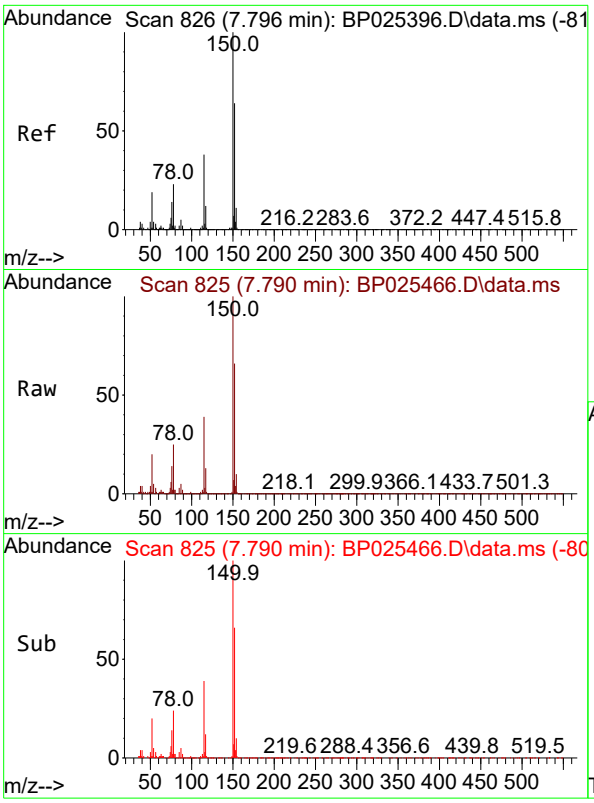
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Quant Time: Aug 18 18:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



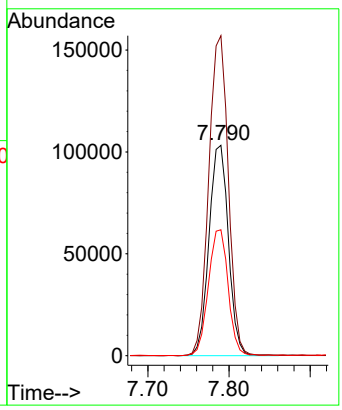


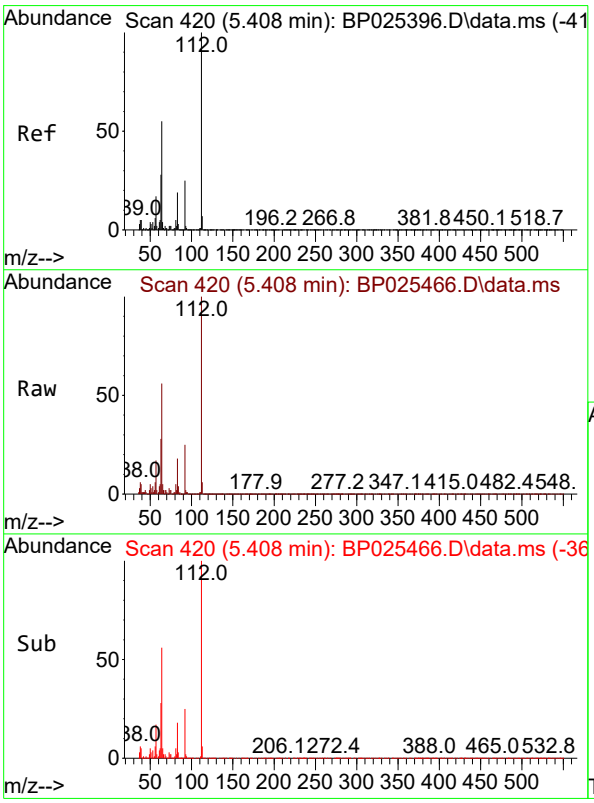
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion:152 Resp: 171293

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.9	188.9
115	59.9	48.5	72.7

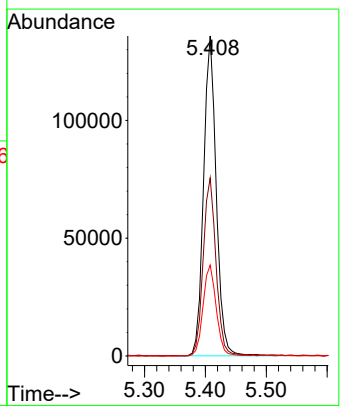


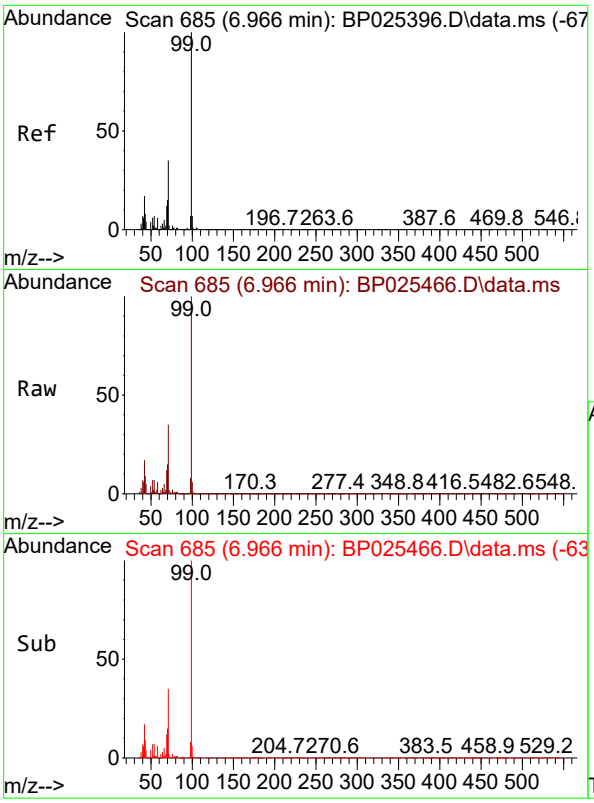


#5
2-Fluorophenol
Concen: 19.042 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:112 Resp: 196413

Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.8	65.8
63	28.4	22.7	34.1



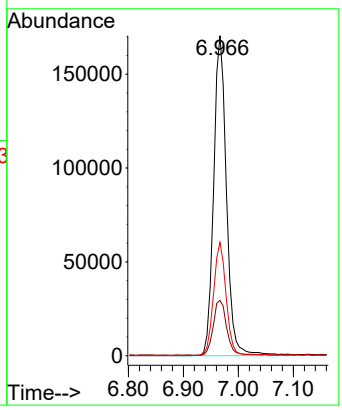


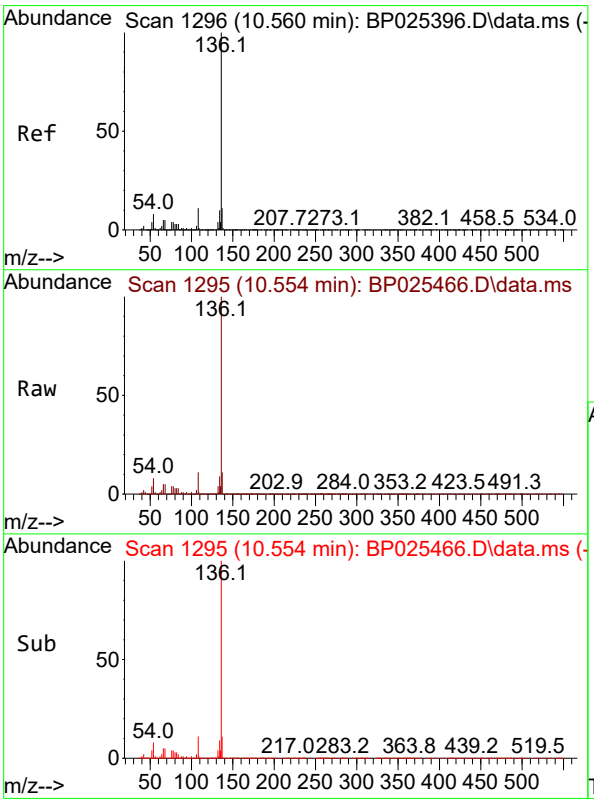
#7
Phenol-d6
Concen: 20.854 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion: 99 Resp: 275769

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	35.4	28.2	42.4

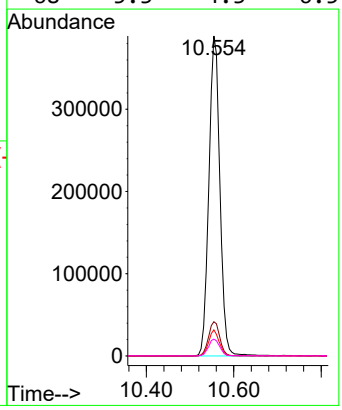


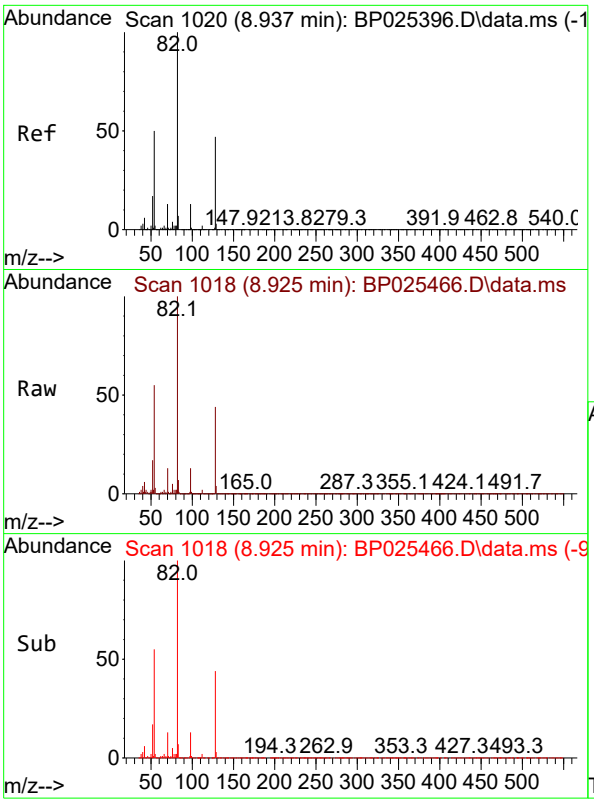


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:136 Resp: 683551

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.2	6.0	9.0
68	5.3	4.3	6.5



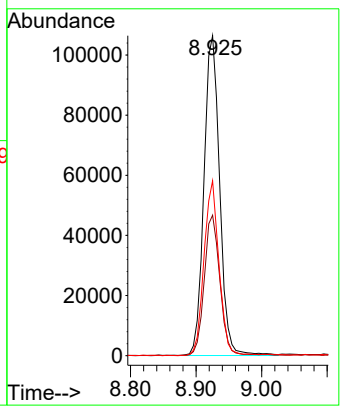


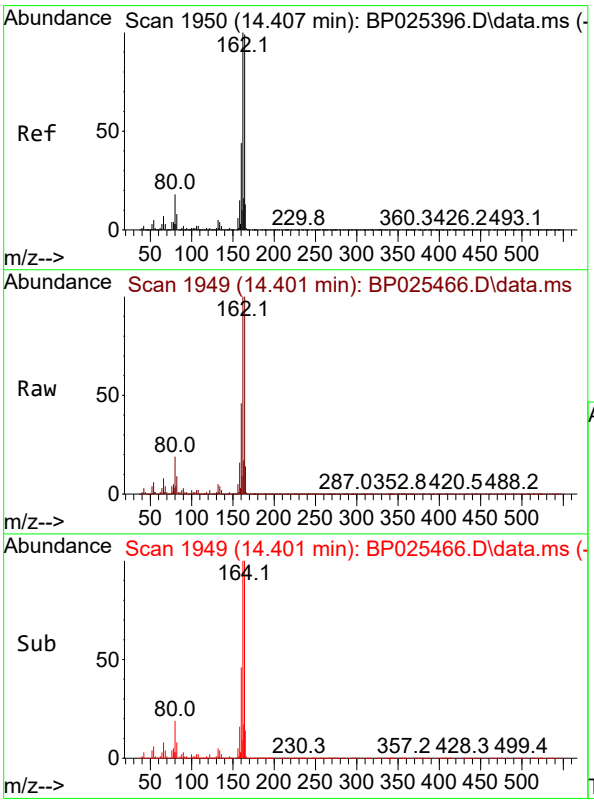
#23
Nitrobenzene-d5
Concen: 13.136 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion: 82 Resp: 177506

Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.7	56.5
54	54.7	39.8	59.6

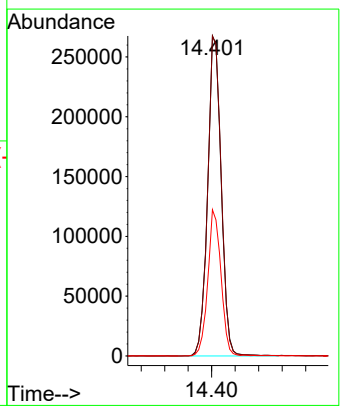


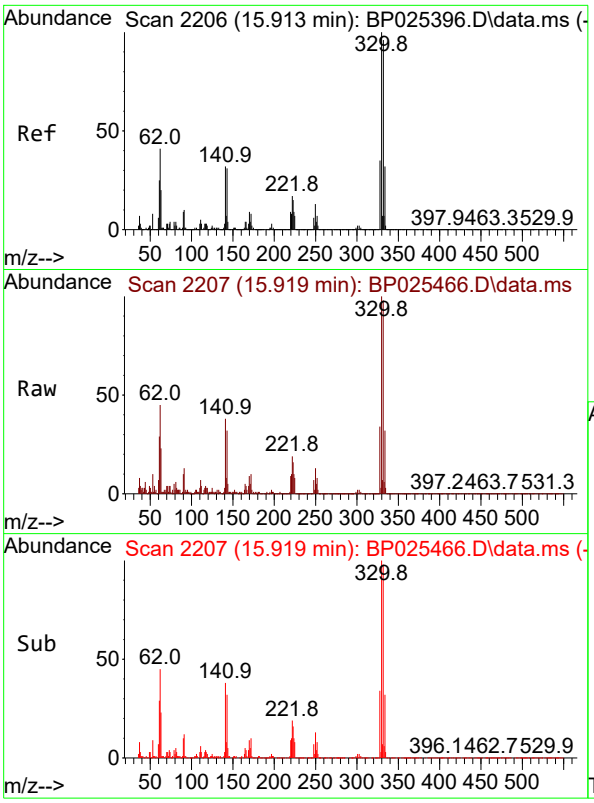


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:164 Resp: 427689

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.0	121.6
160	45.7	35.4	53.2



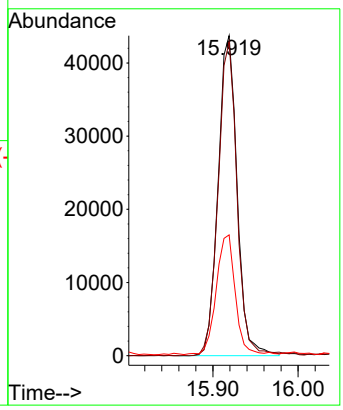


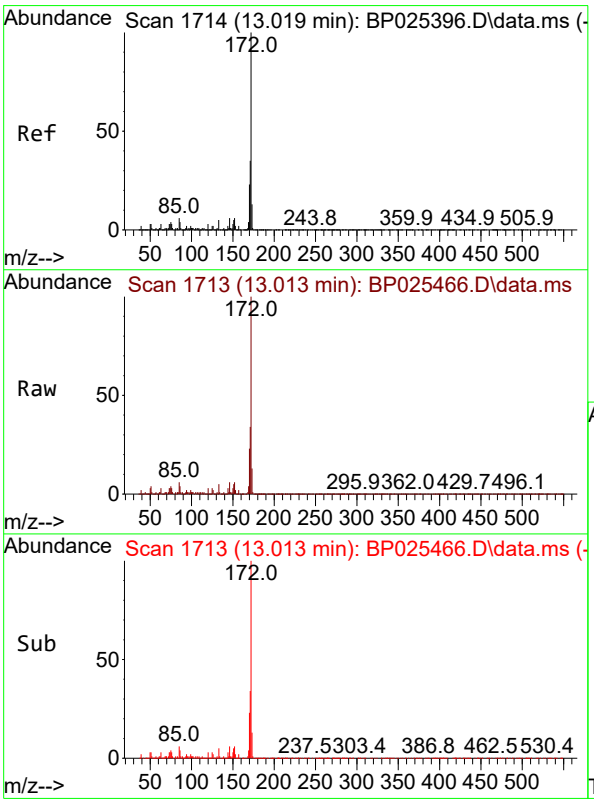
#42
2,4,6-Tribromophenol
Concen: 11.770 ng
RT: 15.919 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion:330 Resp: 67758

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	37.4	26.6	39.8

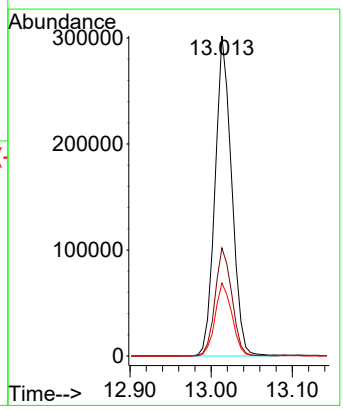


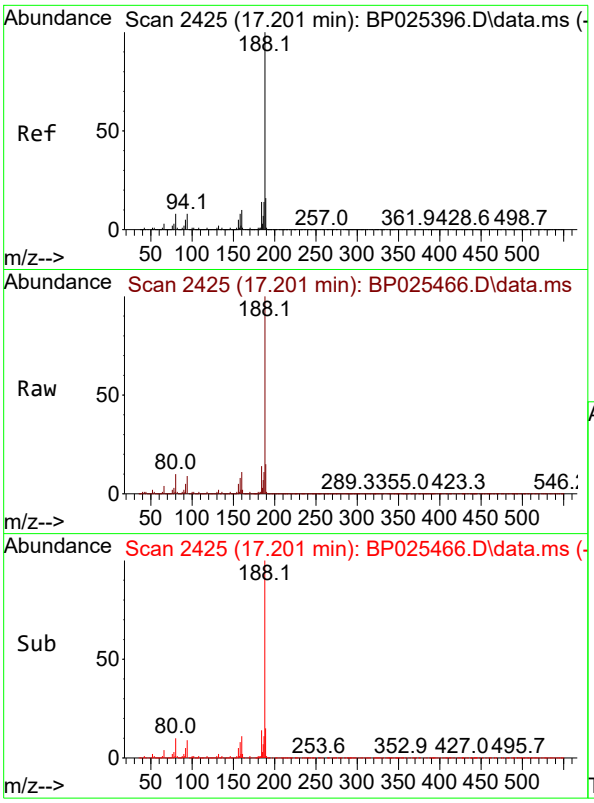


#45
2-Fluorobiphenyl
Concen: 13.736 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:172 Resp: 429854

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.1	42.1
170	22.8	18.6	28.0



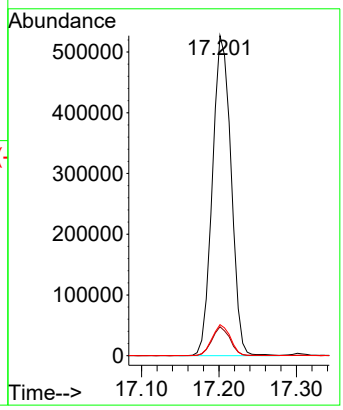


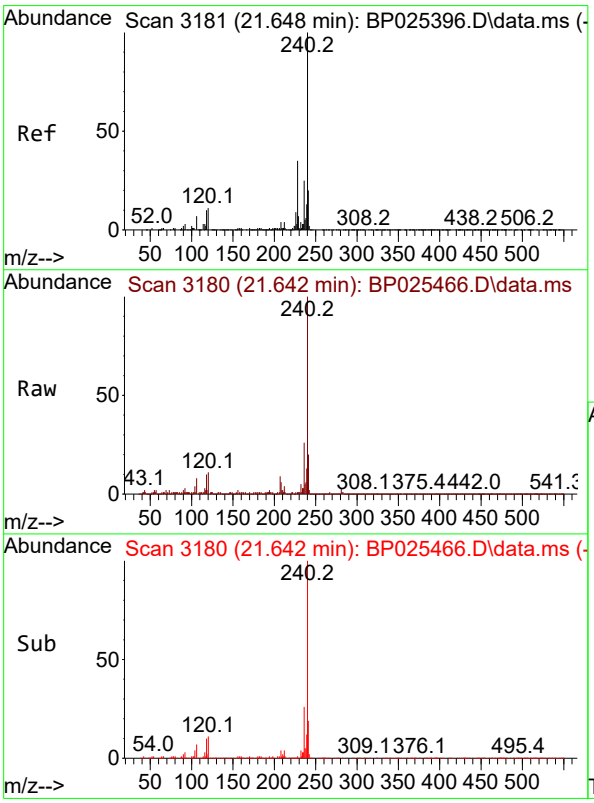
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion:188 Resp: 882062

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.7	6.7	10.1

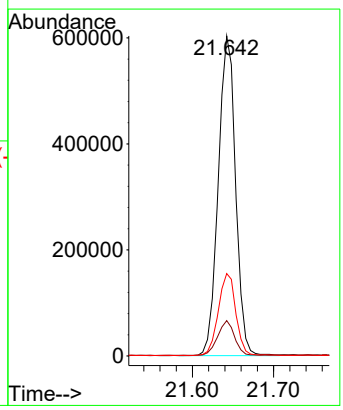


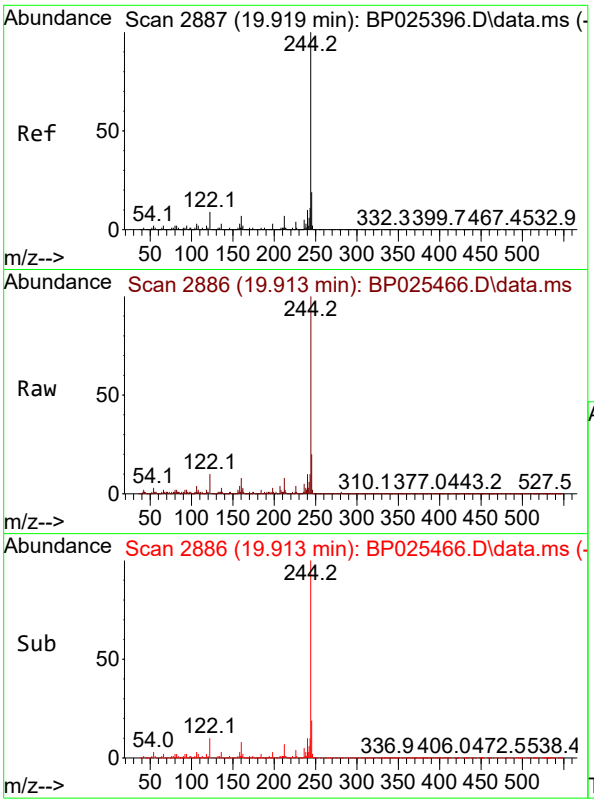


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:240 Resp: 894833

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	25.8	19.8	29.8



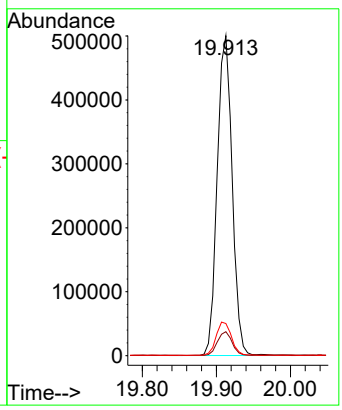


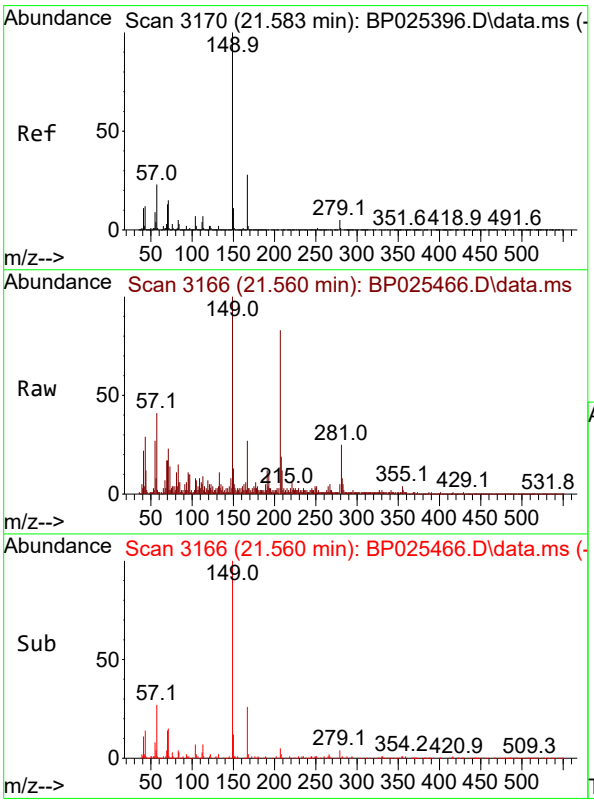
#79
Terphenyl-d14
Concen: 14.315 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion:244 Resp: 700118

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	10.0	7.4	11.2

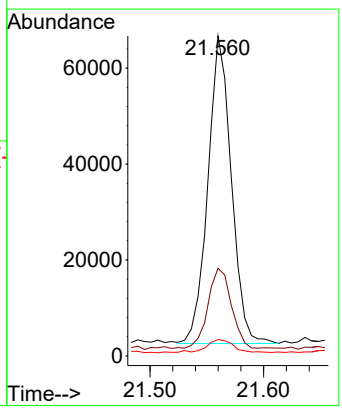


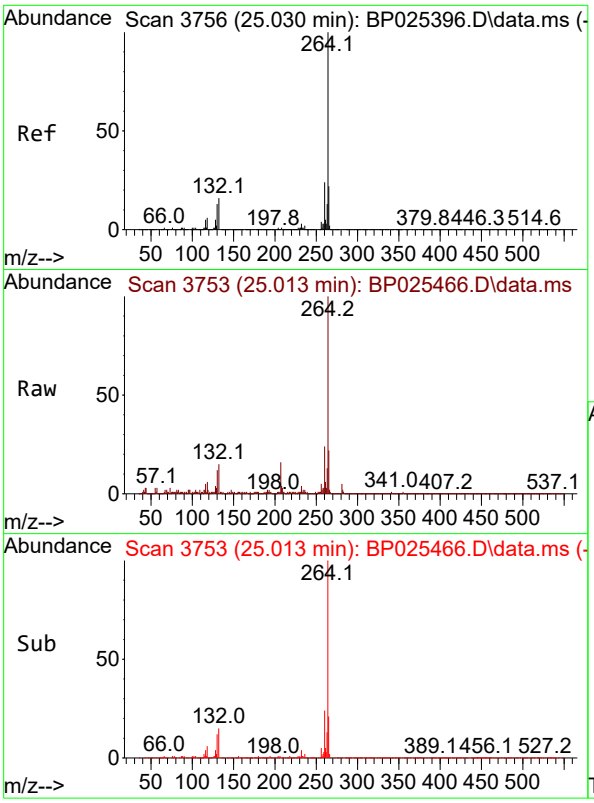


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.372 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.023 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:149 Resp: 92036

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	5.2	3.8	5.6



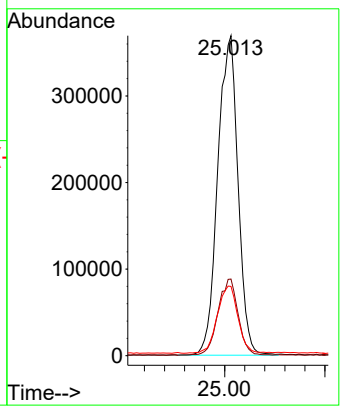


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.013 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion:264 Resp: 1035074

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.7	17.4	26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025466.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	14	18	23	rVB	187694	234464	8.29%	1.230%
2	4.355	236	241	246	rBV	28635	40335	1.43%	0.212%
3	4.949	337	342	351	rVB	90533	130708	4.62%	0.686%
4	5.408	413	420	431	rBV	457542	674353	23.83%	3.539%
5	6.966	679	685	696	rBV	472518	781291	27.61%	4.100%
6	7.790	817	825	832	rBV	584288	981013	34.67%	5.148%
7	8.925	1011	1018	1029	rBV	313765	511577	18.08%	2.685%
8	10.554	1285	1295	1310	rBV	789397	1405340	49.66%	7.375%
9	11.978	1532	1537	1544	rBV	20396	33259	1.18%	0.175%
10	13.013	1706	1713	1723	rBV	863344	1242379	43.90%	6.520%
11	13.231	1745	1750	1757	rVB2	28715	41150	1.45%	0.216%
12	14.307	1929	1933	1939	rVB	29033	43958	1.55%	0.231%
13	14.401	1942	1949	1958	rBV	1133537	1813632	64.09%	9.518%
14	15.778	2178	2183	2191	rVB	54922	99092	3.50%	0.520%
15	15.919	2200	2207	2214	rBV	341456	557010	19.68%	2.923%
16	16.160	2244	2248	2250	rBV3	24703	30857	1.09%	0.162%
17	16.966	2381	2385	2390	rBV3	27321	47535	1.68%	0.249%
18	17.201	2419	2425	2432	rBV2	1283947	2160431	76.34%	11.337%
19	17.907	2541	2545	2549	rVB6	25807	38246	1.35%	0.201%
20	18.131	2580	2583	2590	rBV3	74721	113054	3.99%	0.593%
21	19.054	2736	2740	2744	rBV5	51669	81077	2.87%	0.425%
22	19.325	2782	2786	2791	rBV	141792	230971	8.16%	1.212%
23	19.701	2847	2850	2854	rVB2	74015	94418	3.34%	0.495%
24	19.913	2881	2886	2895	rBV	1333197	1877944	66.36%	9.855%
25	20.730	3022	3025	3029	rBV	299235	326320	11.53%	1.712%
26	21.560	3164	3166	3172	rVB	190501	216982	7.67%	1.139%
27	21.642	3175	3180	3185	rVV2	1608759	2418413	85.46%	12.691%
28	25.007	3745	3752	3767	rVB2	980098	2829890	100.00%	14.851%

Sum of corrected areas: 19055699

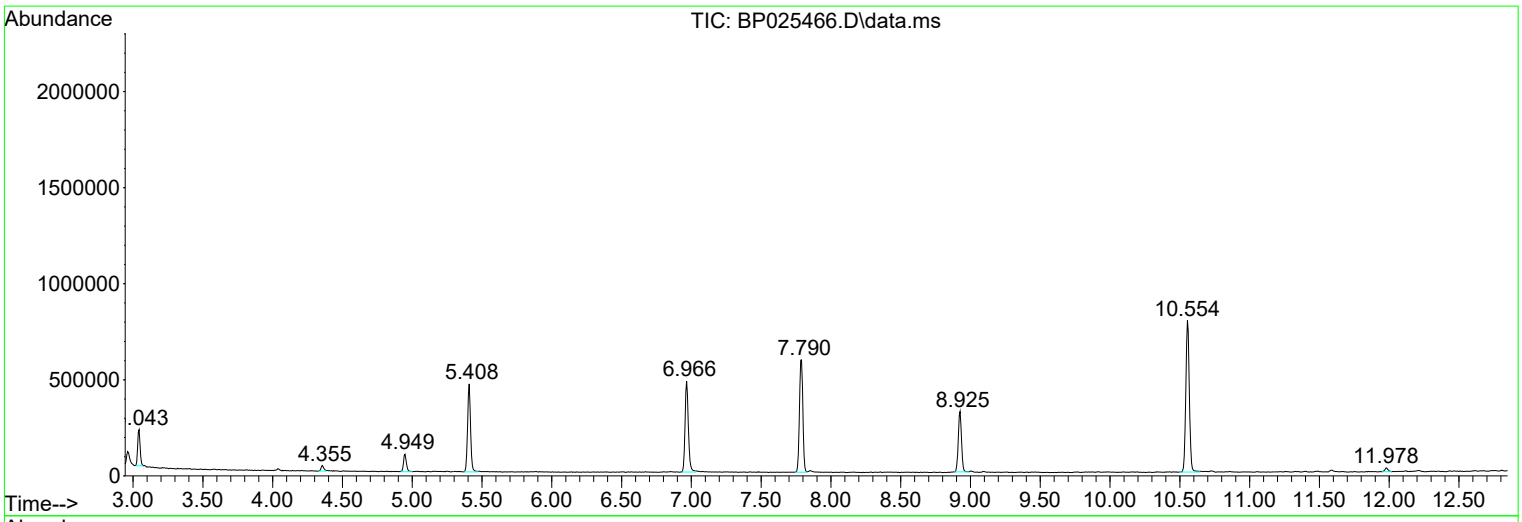
Sample Results: **BP025466.D**

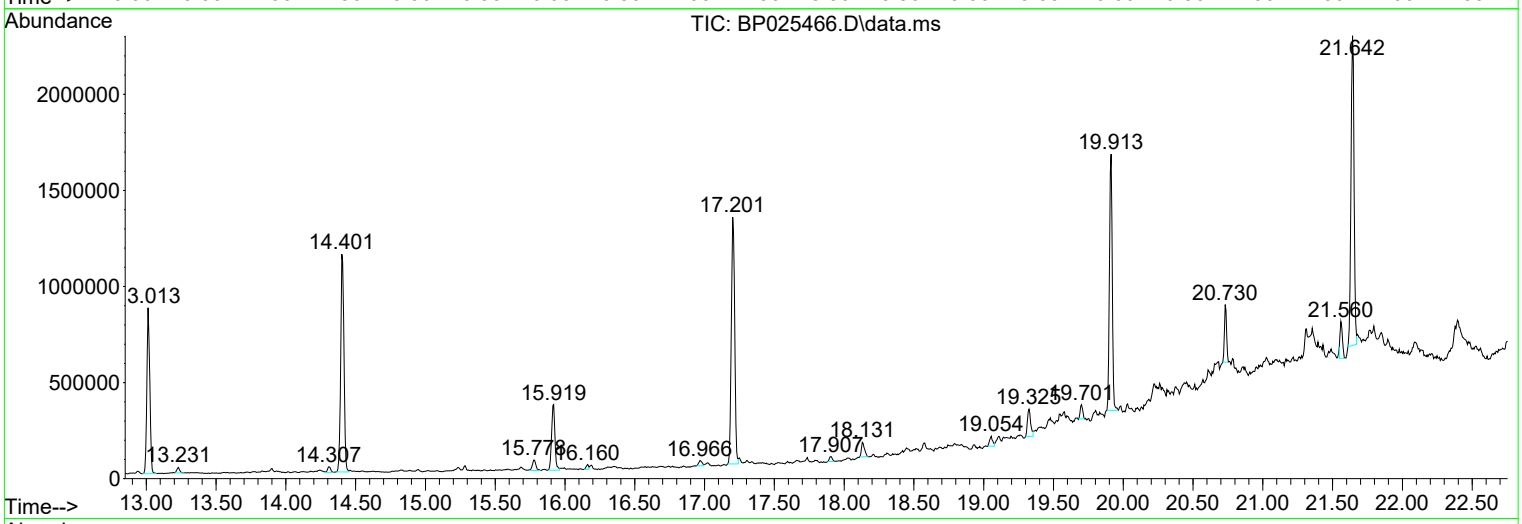
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

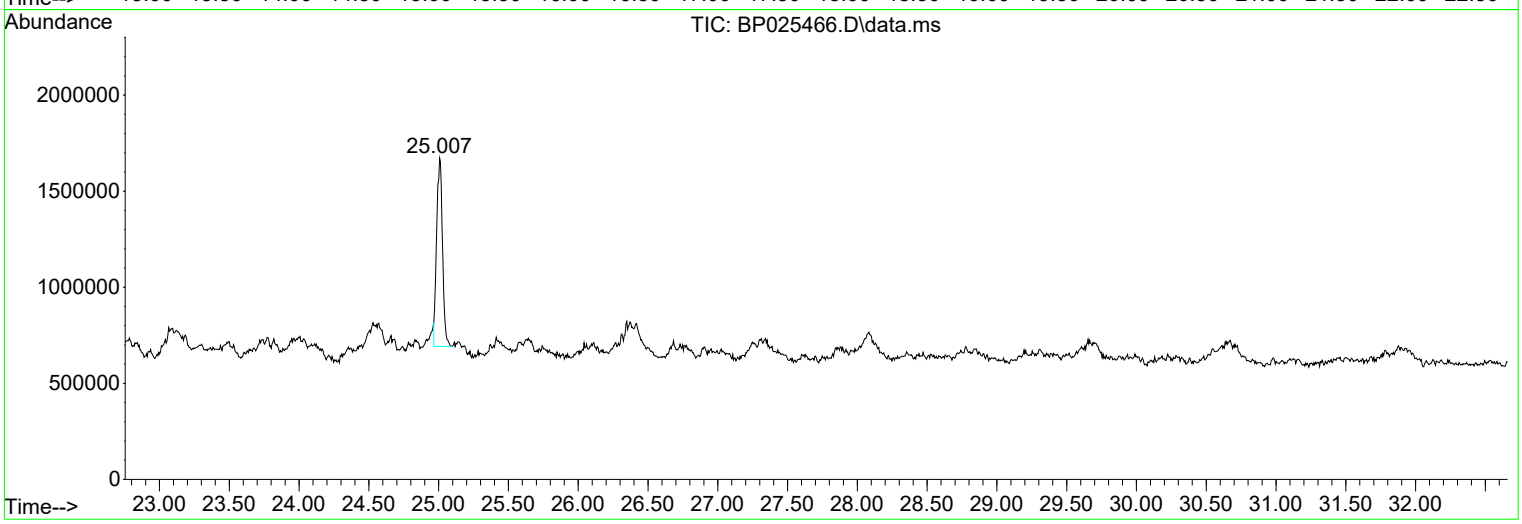
Instrument :
BNA_P
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

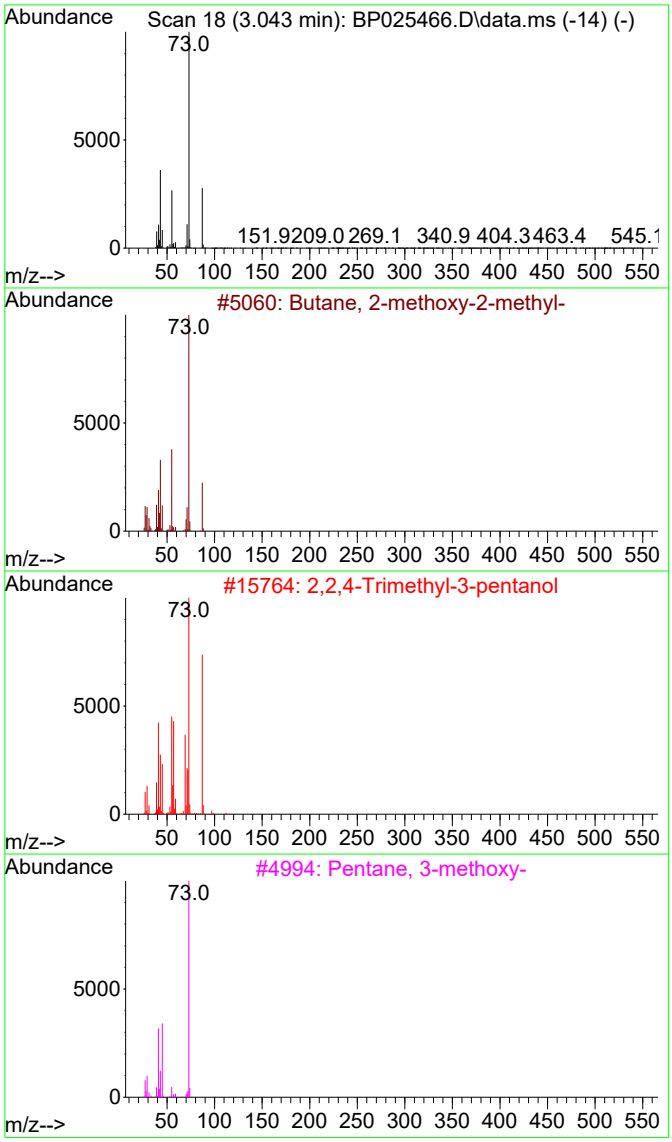
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

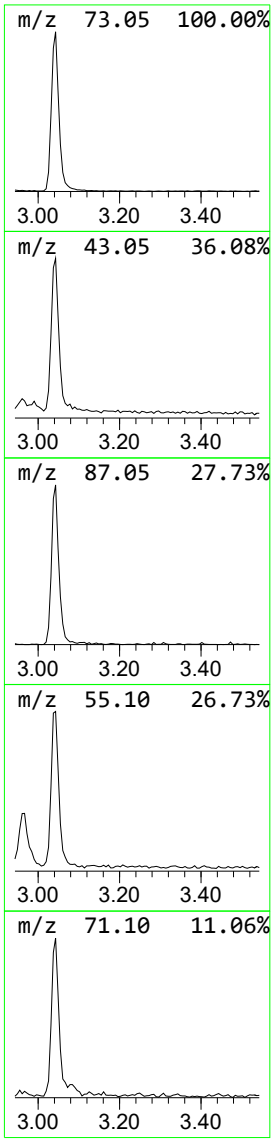
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	4.78 ng	234464	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

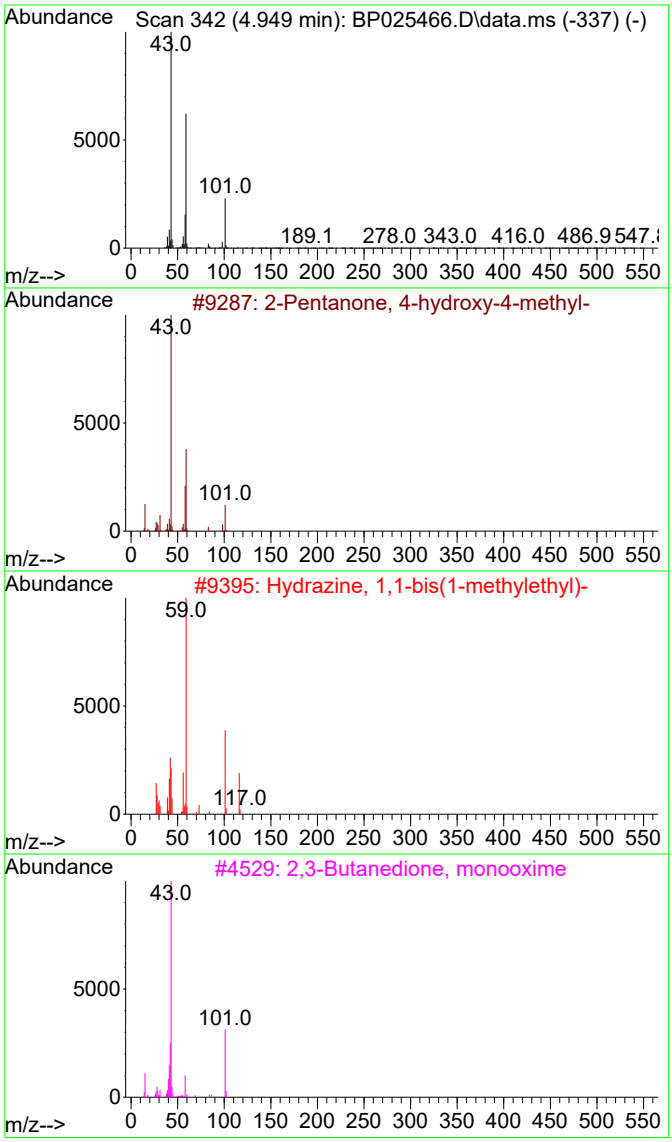
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

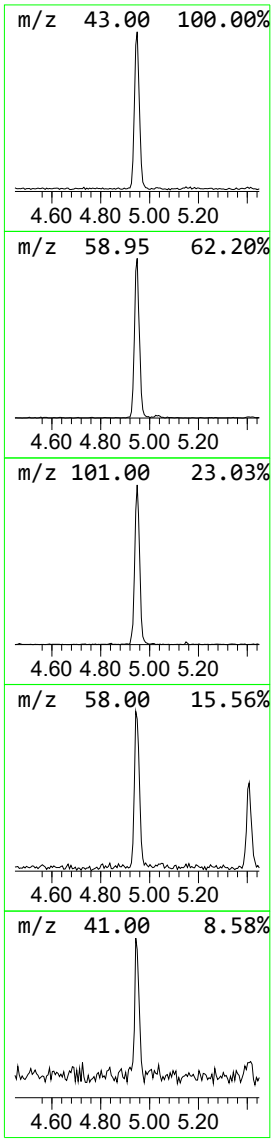
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	2.66 ng	130708	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4	3-Hexanol	102	C6H14O	000623-37-0	28
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

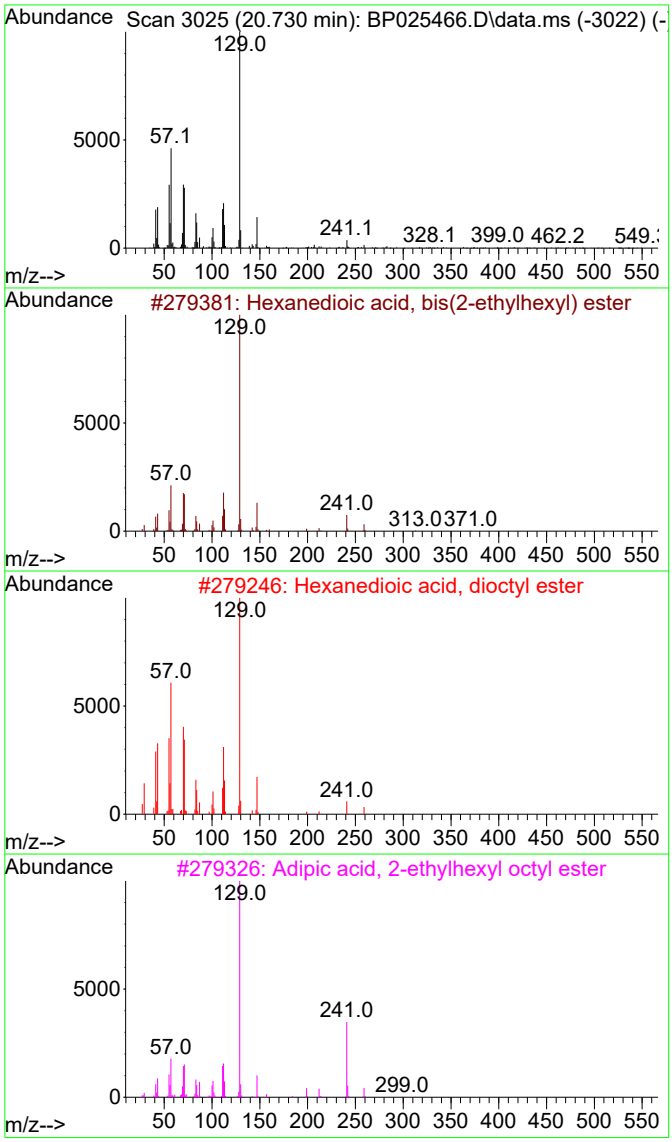
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

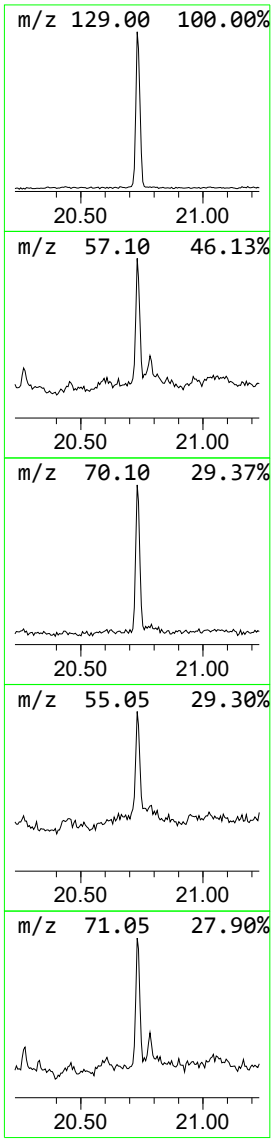
****

Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.730	2.70 ng	326320	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	68
3	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	64
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	58
5	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.043	4.8	ng	234464	1	7.790	981013	20.0
2-Pentanone, 4-...	4.949	2.7	ng	130708	1	7.790	981013	20.0
Hexanedioic aci...	20.730	2.7	ng	326320	5	21.642	2418410	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Time: Aug 13 11:49:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

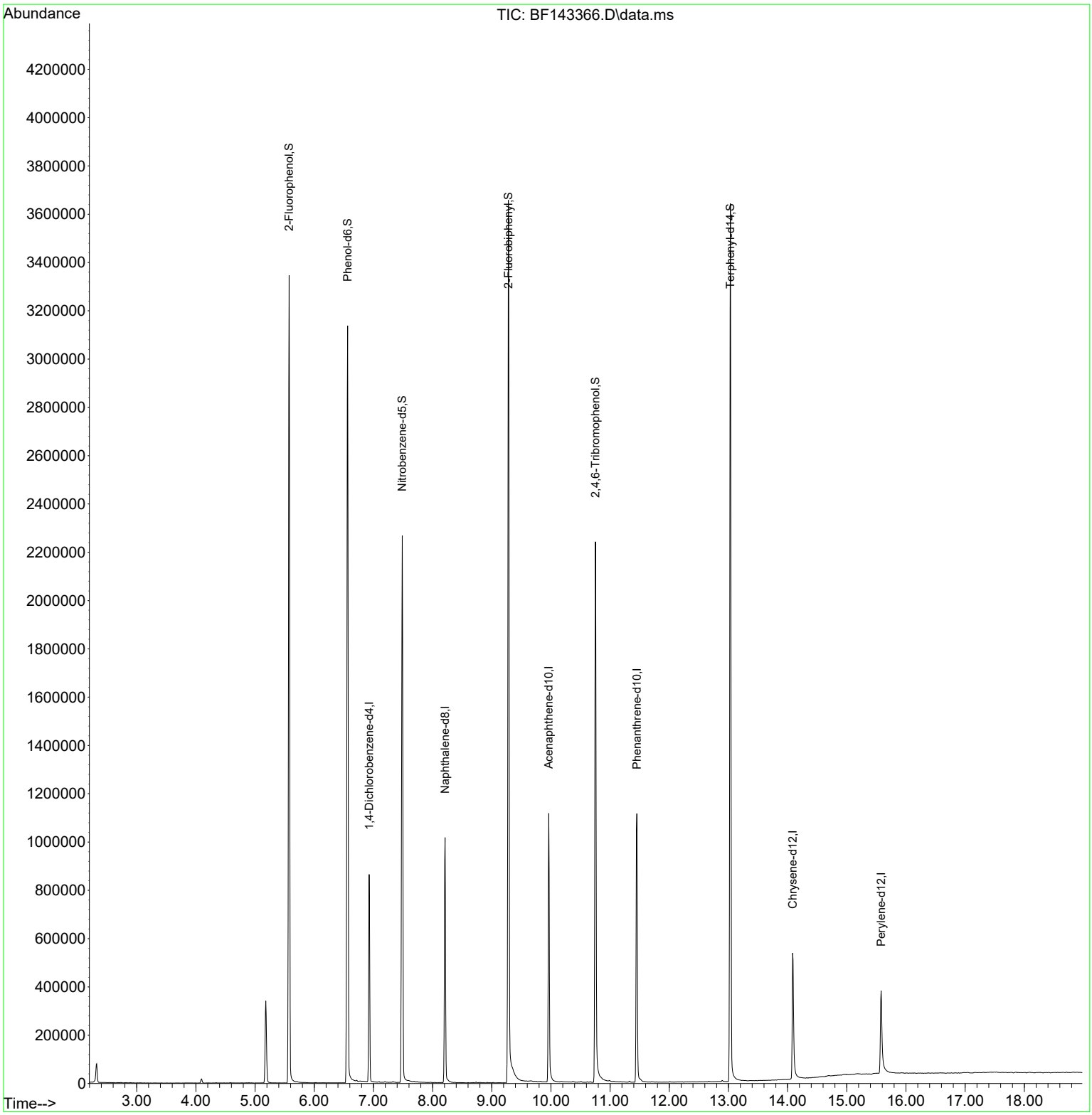
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	176496	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	674917	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	354793	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	604678	20.000	ng	0.00
76) Chrysene-d12	14.086	240	338429	20.000	ng	0.00
86) Perylene-d12	15.580	264	291238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1258691	123.323	ng	0.01
7) Phenol-d6	6.563	99	1573005	120.182	ng	0.00
23) Nitrobenzene-d5	7.487	82	1057171	97.544	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	429333	165.580	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1887149	90.197	ng	0.00
79) Terphenyl-d14	13.033	244	1911940	100.862	ng	0.00
Target Compounds						Qvalue

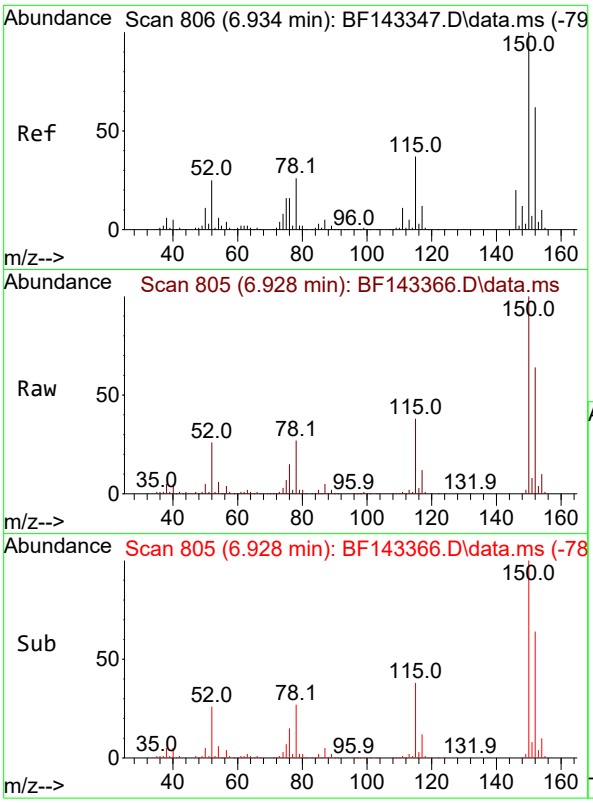
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Time: Aug 13 11:49:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration



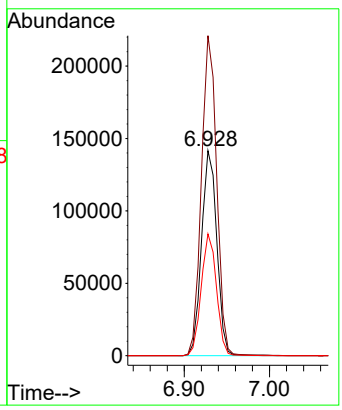


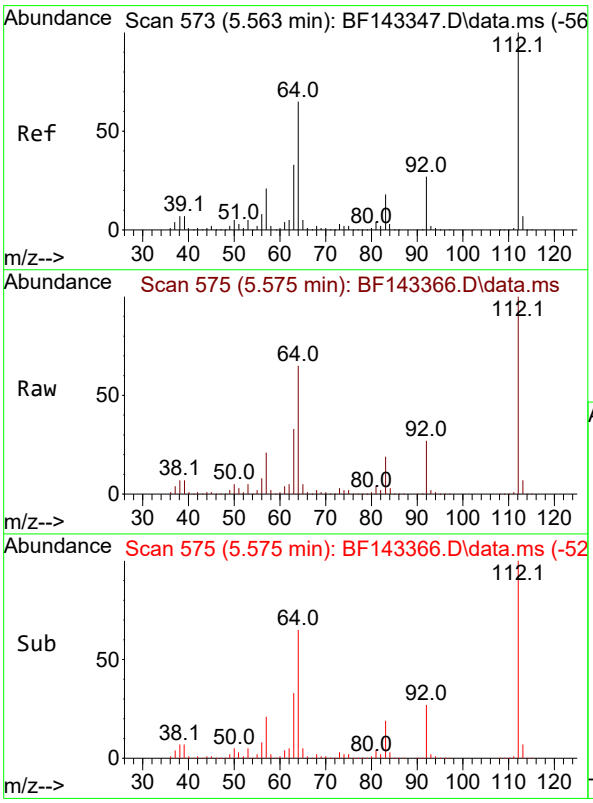
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion:152 Resp: 176496

Ion	Ratio	Lower	Upper
152	100		
150	156.2	129.8	194.8
115	59.4	47.8	71.8

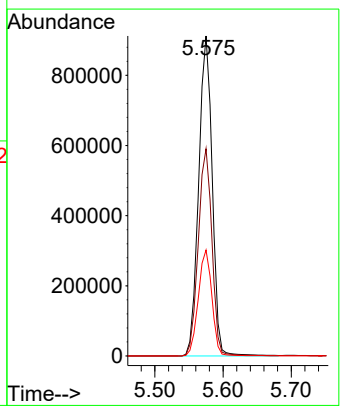


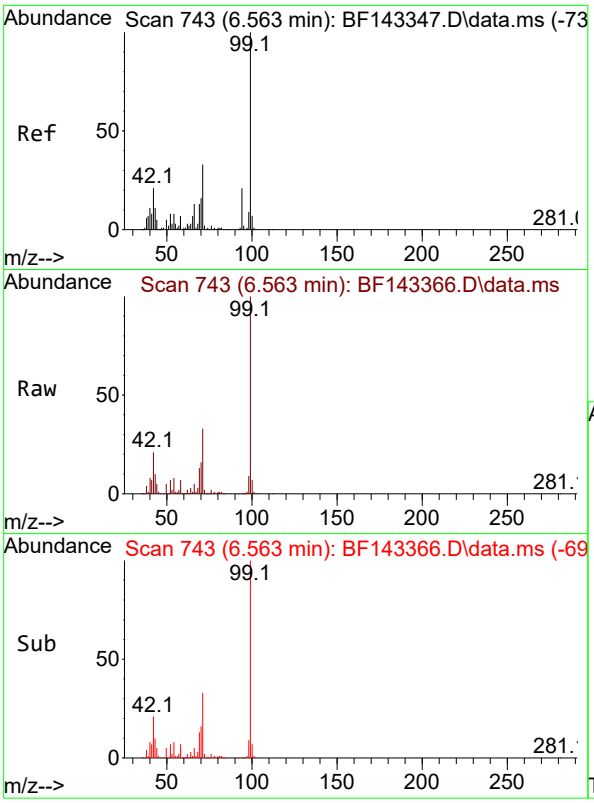


#5
2-Fluorophenol
Concen: 123.323 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:112 Resp: 1258691

Ion	Ratio	Lower	Upper
112	100		
64	64.8	52.1	78.1
63	33.1	26.6	39.8



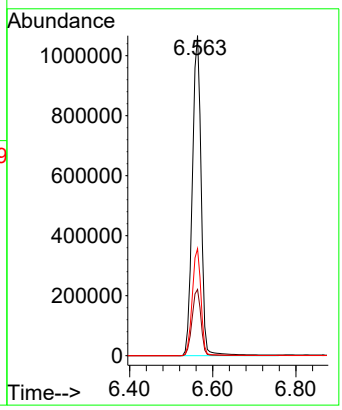


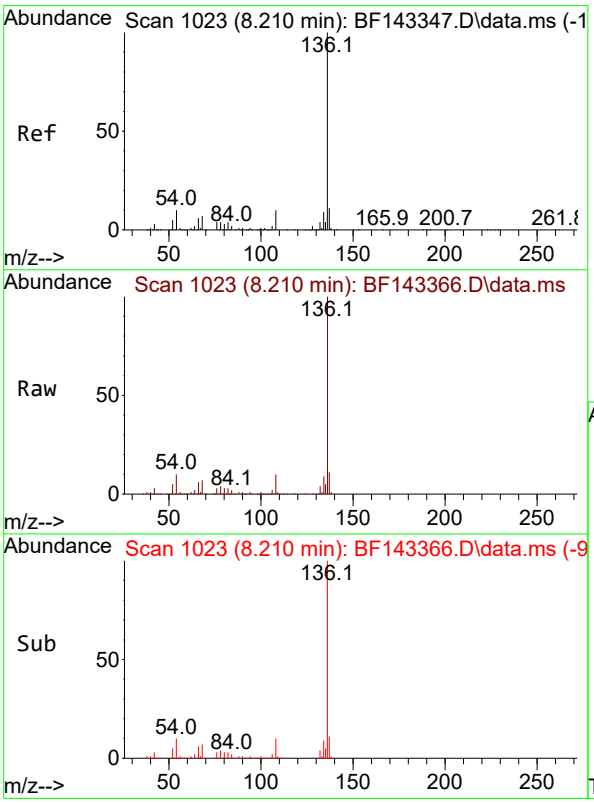
#7
Phenol-d6
Concen: 120.182 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion: 99 Resp: 1573005

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	25.0
71	33.5	26.2	39.2

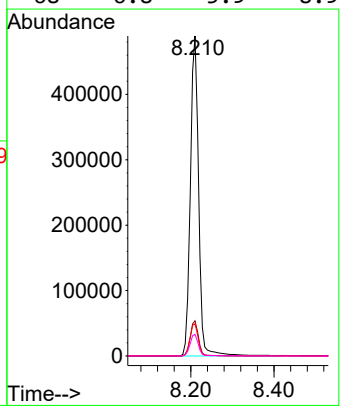


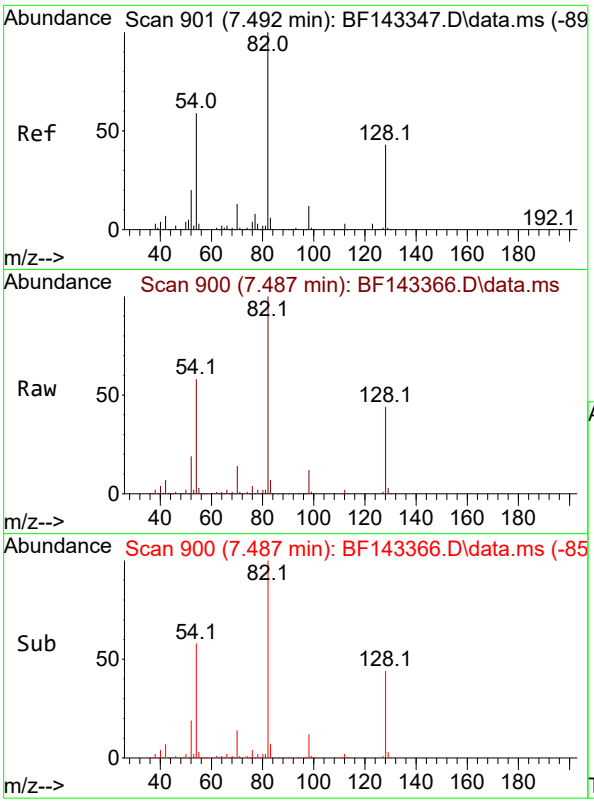


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:136 Resp: 674917

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	8.4	12.6
68	6.8	5.9	8.9



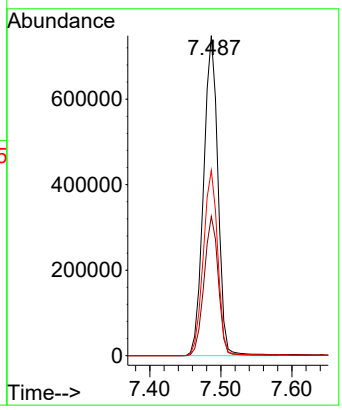


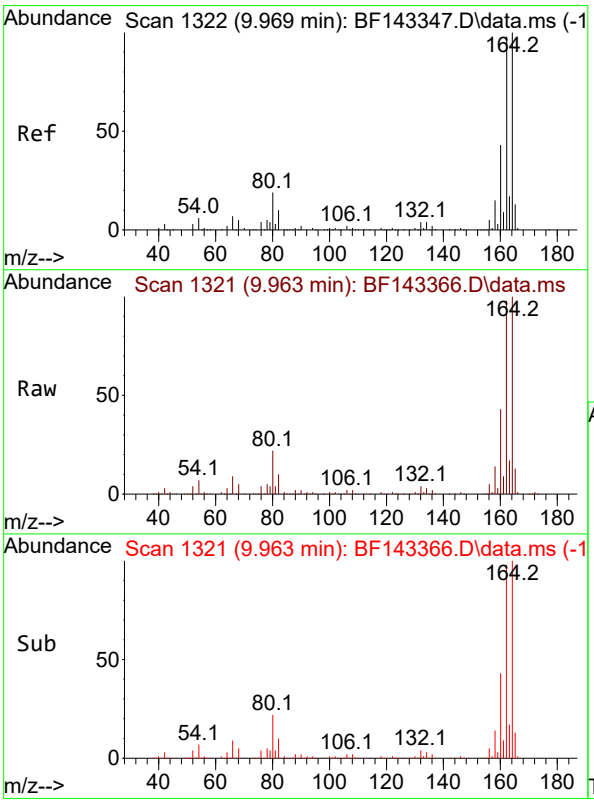
#23
Nitrobenzene-d5
Concen: 97.544 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion: 82 Resp: 1057171

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.5	50.3
54	57.9	46.7	70.1

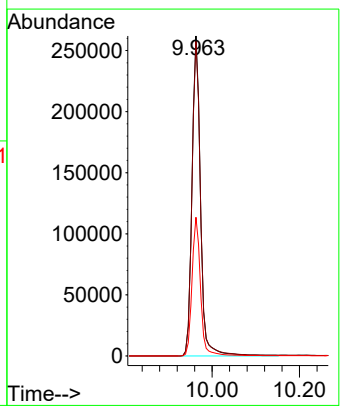


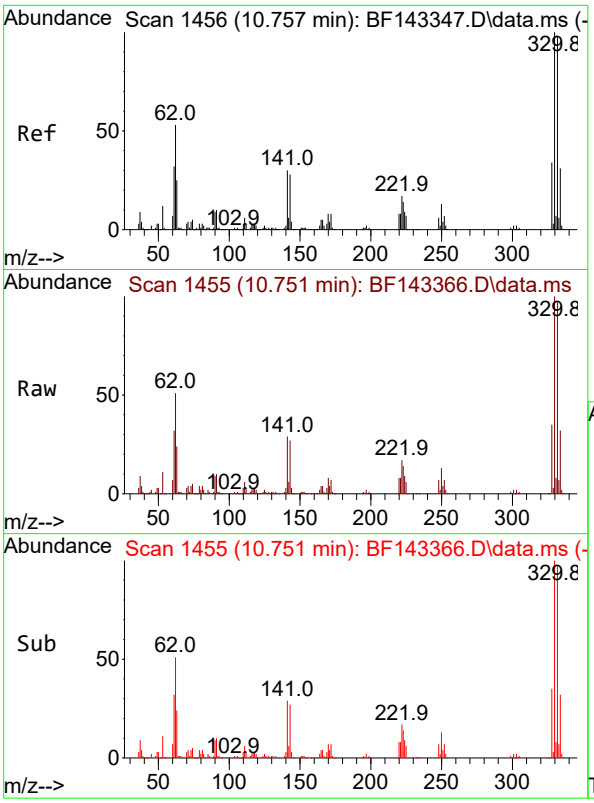


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:164 Resp: 354793

Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.6	118.0
160	43.3	34.4	51.6



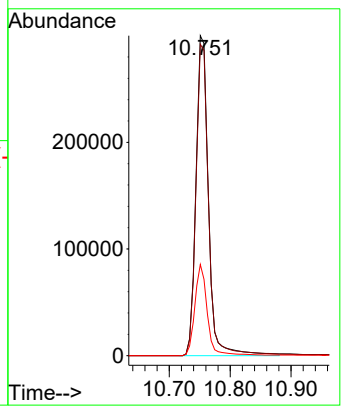


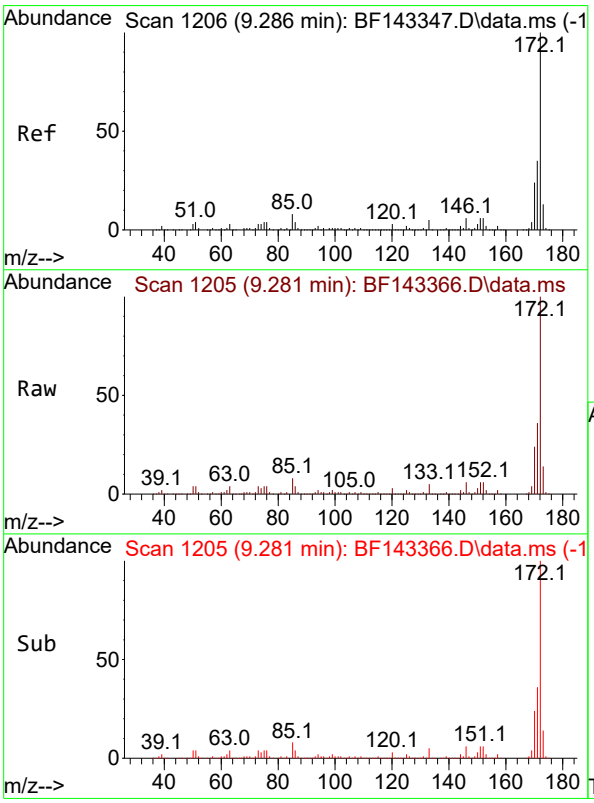
#42
2,4,6-Tribromophenol
Concen: 165.580 ng
RT: 10.751 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion:330 Resp: 429333

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.1	117.1
141	28.6	25.4	38.0

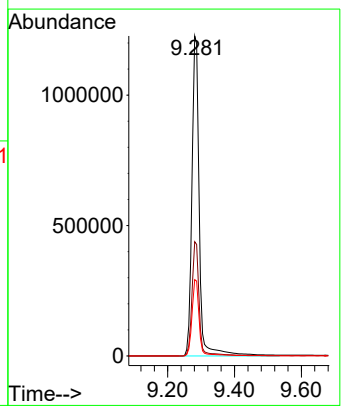


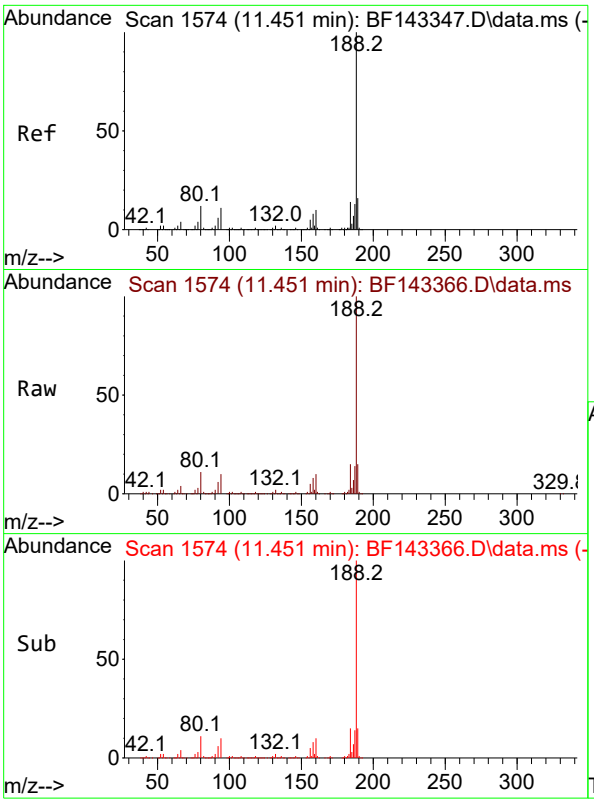


#45
2-Fluorobiphenyl
Concen: 90.197 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:172 Resp: 1887149

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	23.8	19.1	28.7



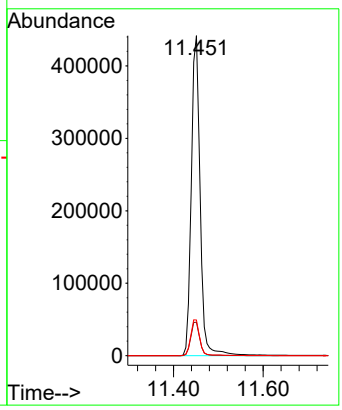


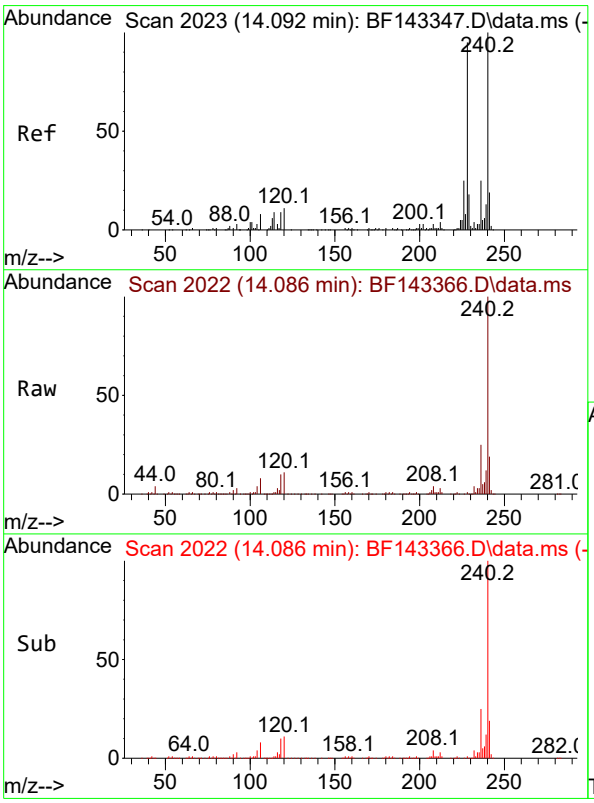
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion:188 Resp: 604678

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.8	13.2
80	11.1	9.7	14.5

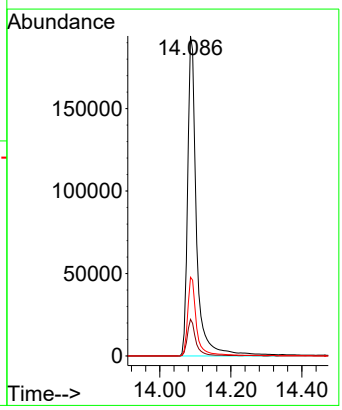


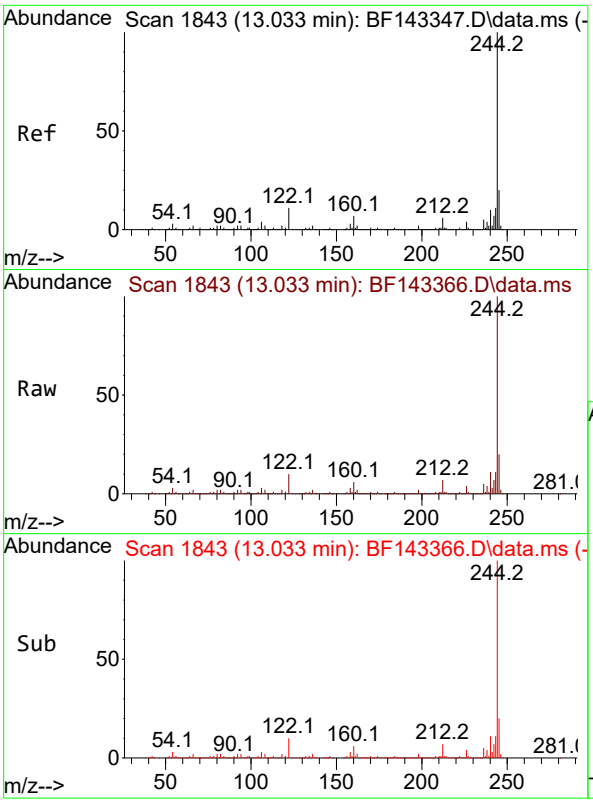


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:240 Resp: 338429

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.6
236	24.6	19.9	29.9



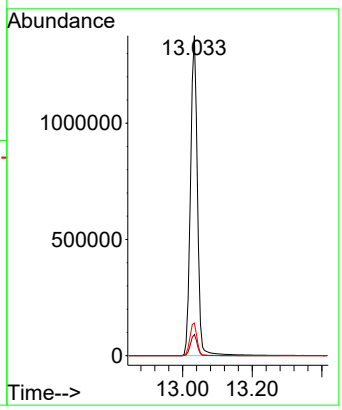


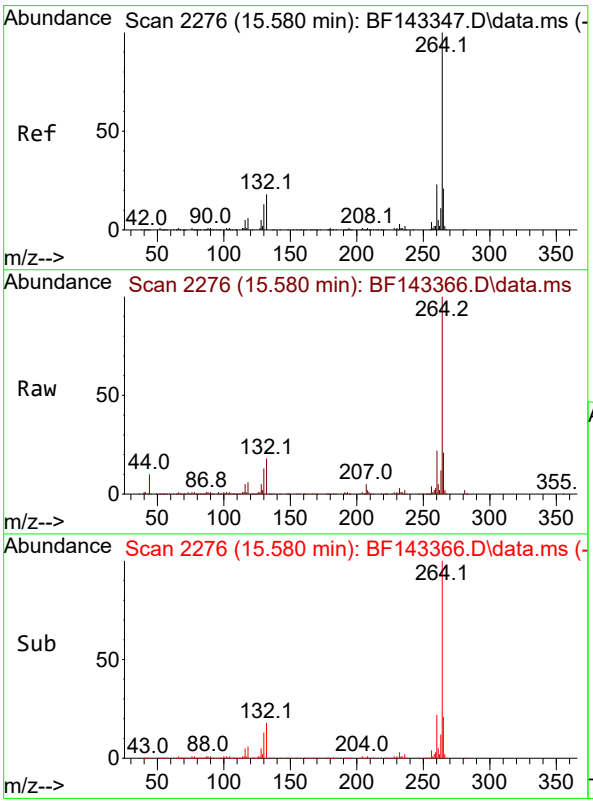
#79
Terphenyl-d14
Concen: 100.862 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion:244 Resp: 1911940

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.1	7.7
122	10.2	8.9	13.3

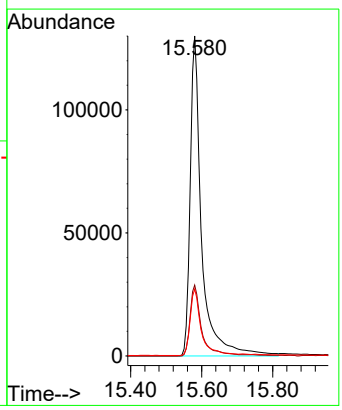




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:264 Resp: 291238

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	20.9	17.2	25.8



Sample Results: **BF143366.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.322	11	22	30	rVB	77446	140102	2.53%	0.412%
2	5.181	500	508	520	rBV	339826	554852	10.02%	1.633%
3	5.575	569	575	580	rBV	3344458	4584078	82.77%	13.490%
4	6.563	736	743	748	rBV	3135419	4536202	81.90%	13.349%
5	6.928	800	805	819	rVB	859861	1072172	19.36%	3.155%
6	7.487	893	900	905	rBV	2265427	3171926	57.27%	9.334%
7	8.210	1017	1023	1048	rBV	1015167	1398354	25.25%	4.115%
8	9.281	1199	1205	1247	rBV	3654901	5538480	100.00%	16.299%
9	9.963	1315	1321	1344	rBV	1112505	1507374	27.22%	4.436%
10	10.751	1449	1455	1492	rBV	2238811	3263063	58.92%	9.603%
11	11.451	1568	1574	1600	rBV	1112879	1535740	27.73%	4.519%
12	13.033	1837	1843	1876	rBV	3635655	5049929	91.18%	14.861%
13	14.086	2017	2022	2046	rBV	520953	890845	16.08%	2.622%
14	15.580	2270	2276	2301	rBV	340983	737576	13.32%	2.171%

Sum of corrected areas: 33980693

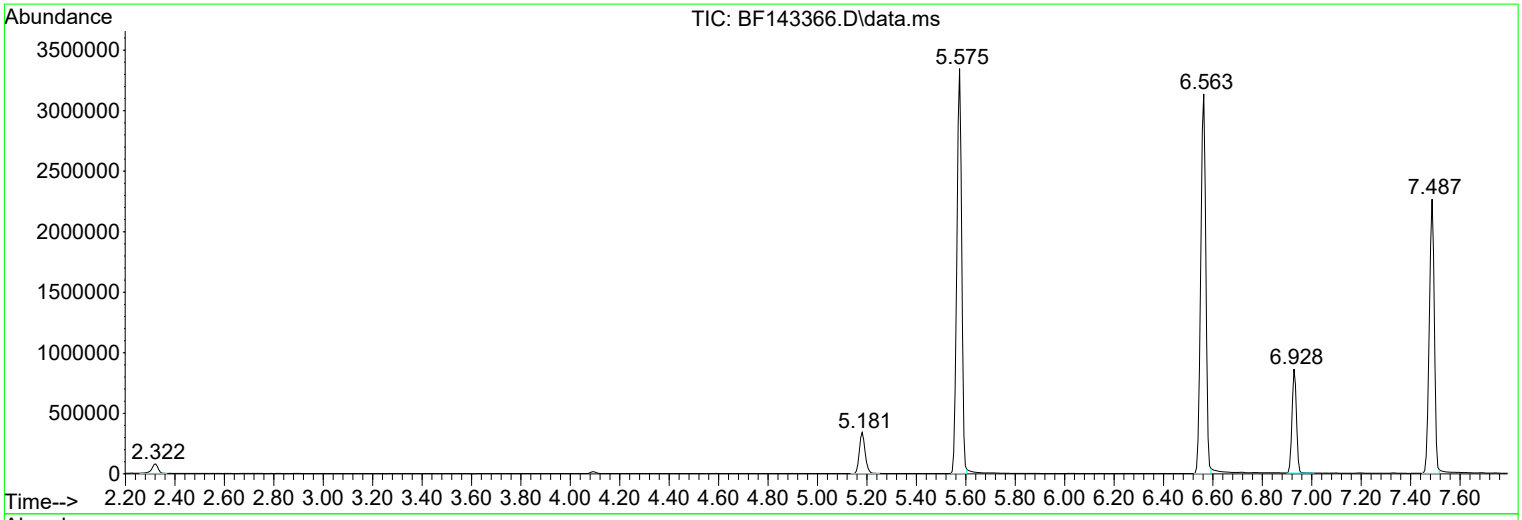
Sample Results: **BF143366.D**

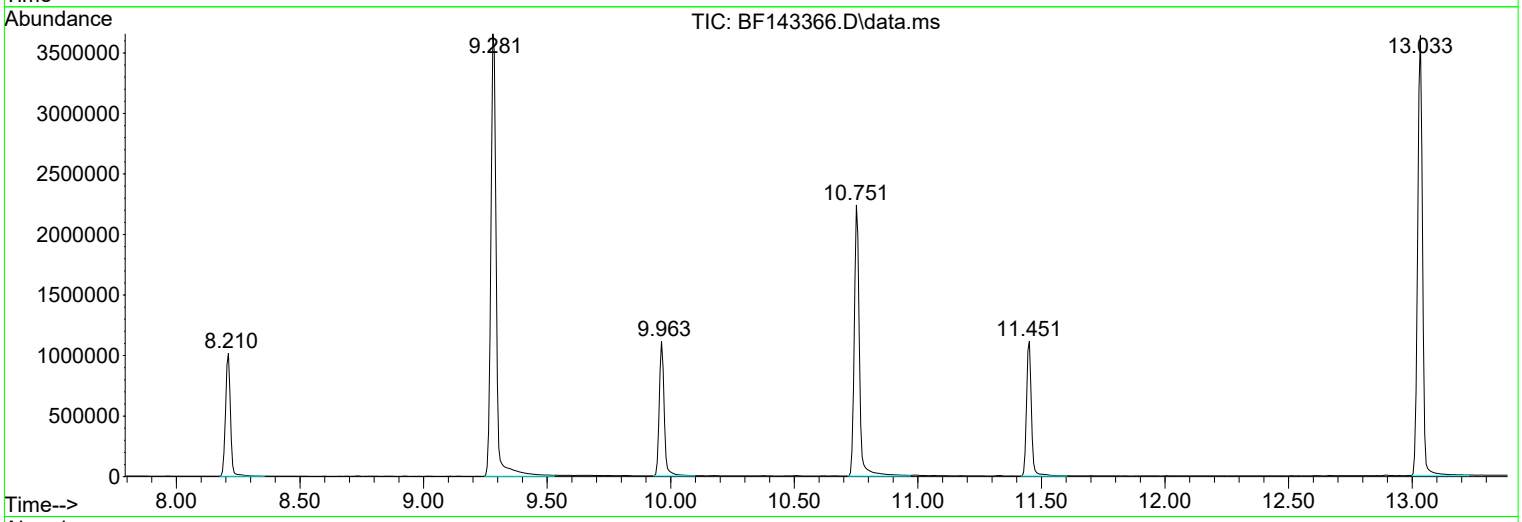
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

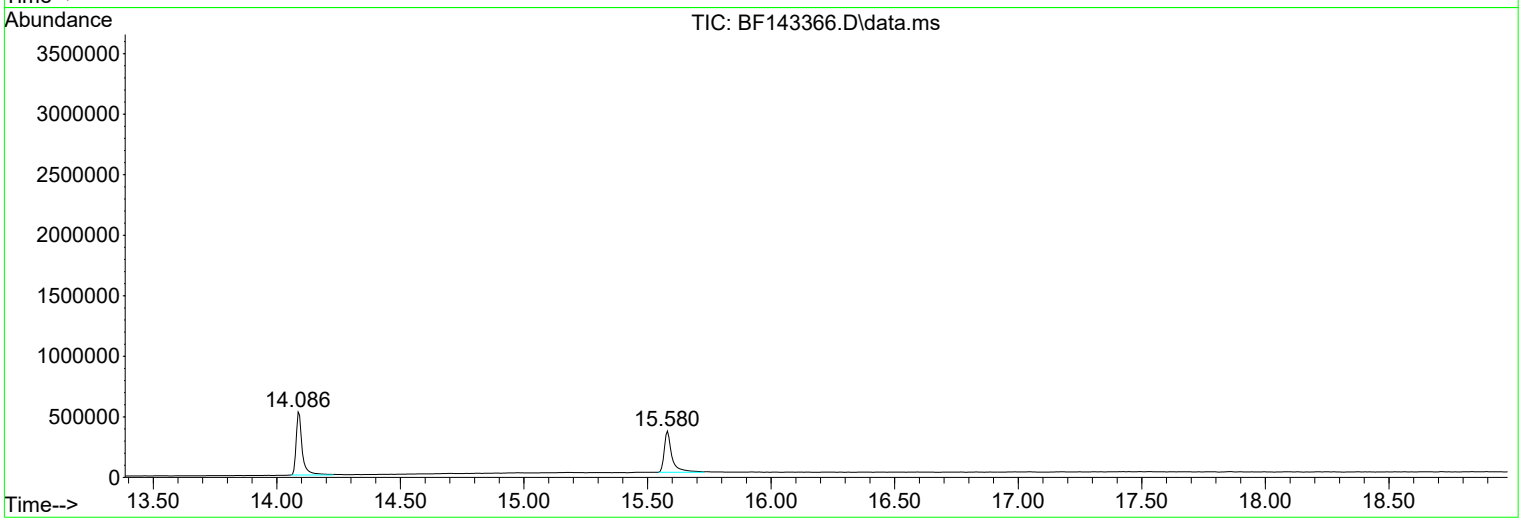
Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

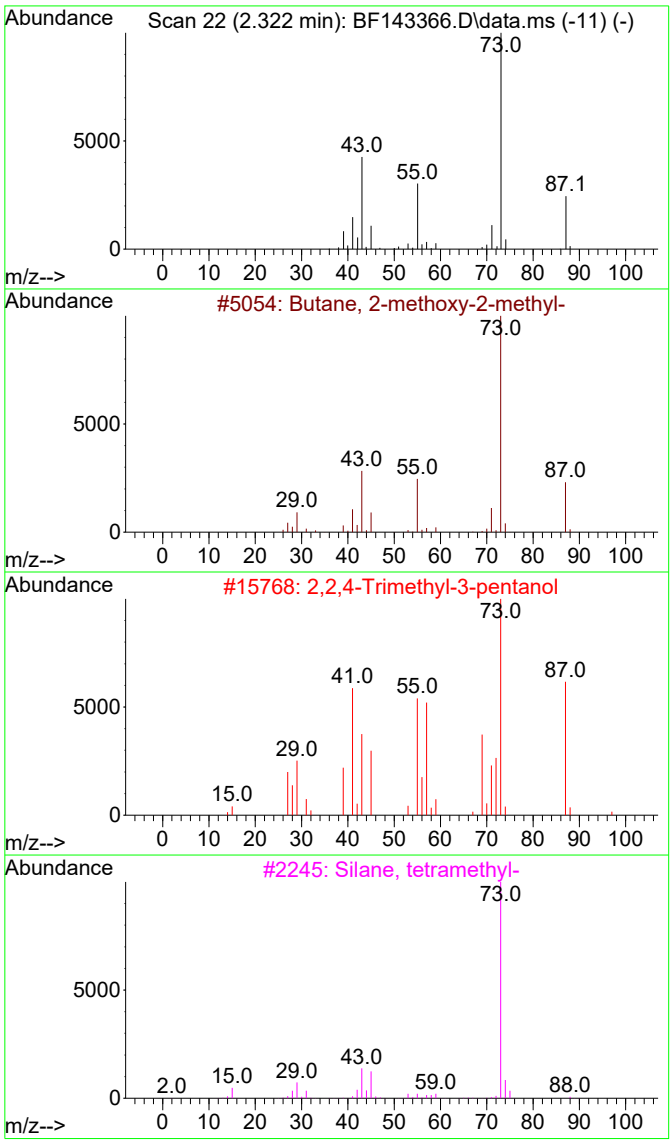
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

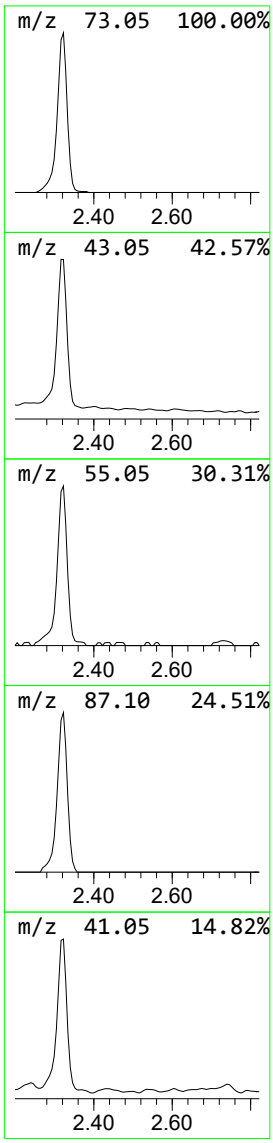
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.322	2.61 ng	140102	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

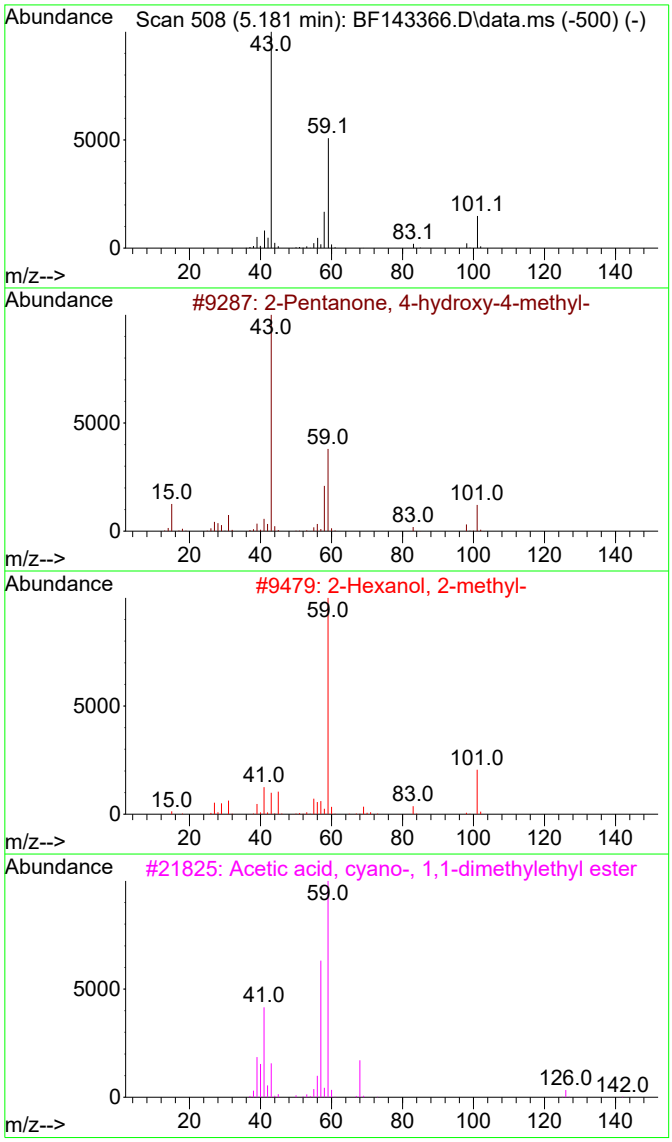
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

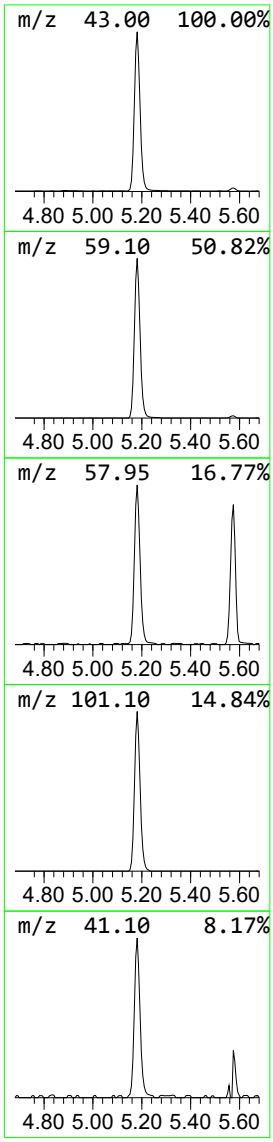
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.181	10.35 ng	554852	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.322	2.6	ng	140102	1	6.928	1072170	20.0
2-Pentanone, 4-...	5.181	10.4	ng	554852	1	6.928	1072170	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025402.D
Acq On : 14 Aug 2025 20:10
Operator : CG/JU
Sample : PB169210BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 15 01:37:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	156059	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	650560	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	435539	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	895607	20.000	ng	0.00
76) Chrysene-d12	21.648	240	937531	20.000	ng	0.00
86) Perylene-d12	25.018	264	1016818	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1280798	136.296	ng	0.00
7) Phenol-d6	6.972	99	1664968	138.195	ng	0.00
23) Nitrobenzene-d5	8.937	82	1023164	79.558	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	807504	137.743	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2538853	79.667	ng	0.00
79) Terphenyl-d14	19.942	244	4256352	83.062	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	150326	40.840	ng	99
3) Pyridine	3.725	79	377128	37.433	ng	98
4) n-Nitrosodimethylamine	3.631	42	183326	44.137	ng	97
6) Aniline	7.125	93	680651	41.931	ng	98
8) 2-Chlorophenol	7.366	128	518221	48.869	ng	99
9) Benzaldehyde	6.937	77	256830	30.427	ng	98
10) Phenol	6.996	94	629374	49.784	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	437105	44.360	ng	100
12) 1,3-Dichlorobenzene	7.684	146	509681	43.589	ng	100
13) 1,4-Dichlorobenzene	7.825	146	520662	43.564	ng	99
14) 1,2-Dichlorobenzene	8.143	146	502978	43.476	ng	97
15) Benzyl Alcohol	8.025	79	446566	46.649	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	580366	43.968	ng	98
17) 2-Methylphenol	8.225	107	435851	49.640	ng	99
18) Hexachloroethane	8.866	117	192819	43.879	ng	96
19) n-Nitroso-di-n-propyla...	8.584	70	349179	43.755	ng	97
20) 3+4-Methylphenols	8.549	107	601995	49.463	ng	98
22) Acetophenone	8.602	105	715431	43.852	ng	99
24) Nitrobenzene	8.978	77	512825	44.618	ng	99
25) Isophorone	9.502	82	1003541	44.092	ng	99
26) 2-Nitrophenol	9.678	139	274616	46.556	ng	99
27) 2,4-Dimethylphenol	9.743	122	502601	49.547	ng	99
28) bis(2-Chloroethoxy)met...	9.978	93	622573	45.252	ng	98
29) 2,4-Dichlorophenol	10.213	162	505992	50.213	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	484724	43.881	ng	99
31) Naphthalene	10.613	128	1505392	44.521	ng	99
32) Benzoic acid	9.884	122	383103	51.155	ng	97
33) 4-Chloroaniline	10.713	127	624236	41.794	ng	99
34) Hexachlorobutadiene	10.901	225	298042	43.323	ng	98
35) Caprolactam	11.496	113	181569	49.139	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	582706	50.394	ng	98
37) 2-Methylnaphthalene	12.219	142	1004265	45.639	ng	99
38) 1-Methylnaphthalene	12.443	142	1051392	44.929	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	564099	44.845	ng	99
41) Hexachlorocyclopentadiene	12.578	237	716635	94.317	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	420901	49.564	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025402.D
Acq On : 14 Aug 2025 20:10
Operator : CG/JU
Sample : PB169210BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 15 01:37:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	468666	50.356	ng	98
46) 1,1'-Biphenyl	13.231	154	1476847	46.689	ng	100
47) 2-Chloronaphthalene	13.272	162	1146132	46.544	ng	99
48) 2-Nitroaniline	13.472	65	355089	49.489	ng	96
49) Acenaphthylene	14.131	152	1910326	46.883	ng	100
50) Dimethylphthalate	13.860	163	1540919	48.314	ng	99
51) 2,6-Dinitrotoluene	13.978	165	335519	49.911	ng	98
52) Acenaphthene	14.478	154	1132105	47.334	ng	100
53) 3-Nitroaniline	14.307	138	331713	43.858	ng	97
54) 2,4-Dinitrophenol	14.513	184	401585	111.865	ng	97
55) Dibenzofuran	14.813	168	1757203	46.470	ng	100
56) 4-Nitrophenol	14.625	139	648186	104.294	ng	98
57) 2,4-Dinitrotoluene	14.766	165	491249	51.219	ng	100
58) Fluorene	15.472	166	1388189	46.525	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.042	232	408762	49.740	ng	99
60) Diethylphthalate	15.248	149	1563135	48.233	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	683735	46.075	ng	98
62) 4-Nitroaniline	15.489	138	380486	49.072	ng	99
63) Azobenzene	15.772	77	1343333	48.409	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	277954	49.788	ng	95
66) n-Nitrosodiphenylamine	15.689	169	1290834	47.265	ng	99
67) 4-Bromophenyl-phenylether	16.384	248	460600	46.761	ng	96
68) Hexachlorobenzene	16.501	284	531682	46.564	ng	98
69) Atrazine	16.660	200	492822	48.184	ng	97
70) Pentachlorophenol	16.848	266	700841	97.234	ng	99
71) Phenanthrene	17.248	178	2335980	47.481	ng	100
72) Anthracene	17.348	178	2338590	46.547	ng	99
73) Carbazole	17.619	167	2254500	47.640	ng	99
74) Di-n-butylphthalate	18.219	149	2850461	48.957	ng	100
75) Fluoranthene	19.336	202	2769236	47.188	ng	99
77) Benzidine	19.525	184	2034719	63.593	ng	99
78) Pyrene	19.713	202	2848697	46.748	ng	99
80) Butylbenzylphthalate	20.666	149	1350312	48.894	ng	99
81) Benzo(a)anthracene	21.630	228	2905027	46.984	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	936735	40.194	ng	99
83) Chrysene	21.695	228	2733737	47.211	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1973001	48.532	ng	100
85) Di-n-octyl phthalate	22.877	149	3308927	47.320	ng	100
87) Indeno(1,2,3-cd)pyrene	28.848	276	3596116m	48.225	ng	
88) Benzo(b)fluoranthene	23.971	252	2918542	48.676	ng	99
89) Benzo(k)fluoranthene	24.042	252	2967349	49.456	ng	100
90) Benzo(a)pyrene	24.871	252	2854031	48.899	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	2946612	48.354	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2879368	48.068	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

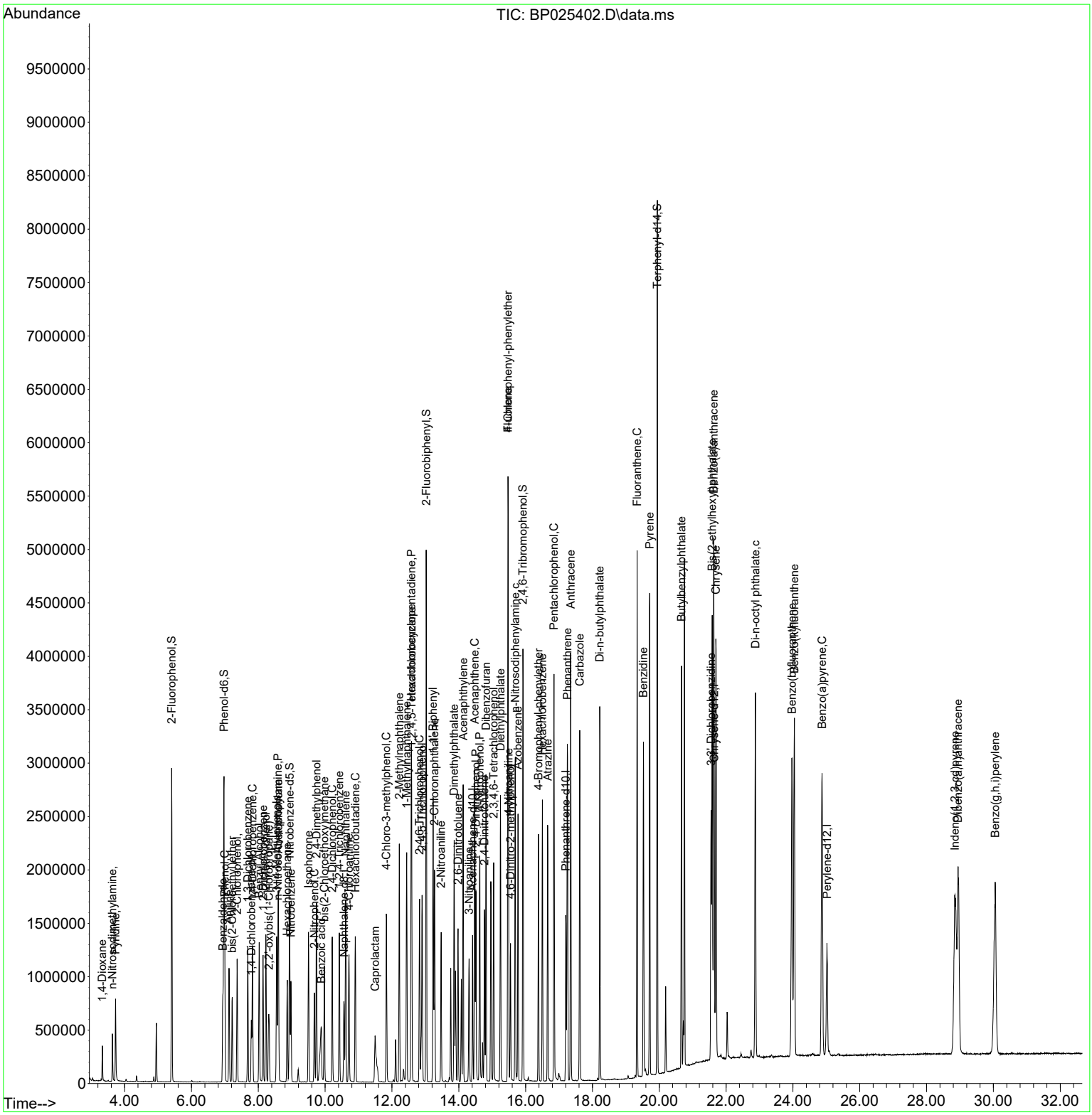
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025402.D
Acq On : 14 Aug 2025 20:10
Operator : CG/JU
Sample : PB169210BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 15 01:37:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143367.D
Acq On : 13 Aug 2025 11:12
Operator : RC/JU
Sample : Q2830-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 11:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137804	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	517024	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	272568	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	391965	20.000	ng	0.00
76) Chrysene-d12	14.092	240	309493	20.000	ng	0.00
86) Perylene-d12	15.580	264	383464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	762938	95.739	ng	0.00
7) Phenol-d6	6.563	99	975086	95.417	ng	0.00
23) Nitrobenzene-d5	7.487	82	626187	75.422	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	241161	121.066	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1107824	68.922	ng	0.00
79) Terphenyl-d14	13.027	244	1013154	58.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	163035	39.537	ng	99
3) Pyridine	3.575	79	438470	39.902	ng	100
4) n-Nitrosodimethylamine	3.510	42	231473	45.221	ng	99
6) Aniline	6.592	93	442543	30.717	ng	95
8) 2-Chlorophenol	6.722	128	387249	45.478	ng	96
9) Benzaldehyde	6.481	77	223837	33.140	ng	98
10) Phenol	6.575	94	499579	41.267	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	401332	44.981	ng	99
12) 1,3-Dichlorobenzene	6.875	146	434984	44.288	ng	99
13) 1,4-Dichlorobenzene	6.945	146	436306	44.261	ng	99
14) 1,2-Dichlorobenzene	7.098	146	419380	44.818	ng	100
15) Benzyl Alcohol	7.069	79	344289	47.000	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	711810	44.687	ng	97
17) 2-Methylphenol	7.181	107	310496	43.198	ng	100
18) Hexachloroethane	7.445	117	149347	48.325	ng	96
19) n-Nitroso-di-n-propyla...	7.334	70	280271	44.386	ng	97
20) 3+4-Methylphenols	7.334	107	369644	42.523	ng	95
22) Acetophenone	7.334	105	511443	44.896	ng	97
24) Nitrobenzene	7.504	77	418648	46.430	ng	99
25) Isophorone	7.745	82	768386	45.335	ng	99
26) 2-Nitrophenol	7.822	139	203194	55.608	ng	99
27) 2,4-Dimethylphenol	7.863	122	349296m	49.398	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	478776	46.267	ng	100
29) 2,4-Dichlorophenol	8.069	162	324090	46.926	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	347348	47.679	ng	99
31) Naphthalene	8.234	128	1089838	43.806	ng	100
32) Benzoic acid	7.975	122	193304	58.598	ng	99
33) 4-Chloroaniline	8.275	127	219162	24.424	ng	99
34) Hexachlorobutadiene	8.351	225	213552	47.123	ng	100
35) Caprolactam	8.645	113	95843	49.365	ng	99
36) 4-Chloro-3-methylphenol	8.763	107	325053	44.895	ng	99
37) 2-Methylnaphthalene	8.922	142	660623	40.391	ng	99
38) 1-Methylnaphthalene	9.022	142	682387	43.320	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	340812	45.694	ng	99
41) Hexachlorocyclopentadiene	9.081	237	306137	113.347	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	214621	50.715	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143367.D
Acq On : 13 Aug 2025 11:12
Operator : RC/JU
Sample : Q2830-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 11:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	229789	48.084	ng		98
46) 1,1'-Biphenyl	9.386	154	876424	45.476	ng		99
47) 2-Chloronaphthalene	9.410	162	670874	44.200	ng		99
48) 2-Nitroaniline	9.504	65	209062	47.772	ng		99
49) Acenaphthylene	9.828	152	1078567	49.207	ng		100
50) Dimethylphthalate	9.680	163	767406	48.184	ng		100
51) 2,6-Dinitrotoluene	9.739	165	165224	54.402	ng		97
52) Acenaphthene	9.998	154	682321	46.824	ng		99
53) 3-Nitroaniline	9.910	138	108458	33.253	ng		98
54) 2,4-Dinitrophenol	10.022	184	128950	93.173	ng	#	82
55) Dibenzofuran	10.169	168	930157	44.351	ng		100
56) 4-Nitrophenol	10.080	139	201185	77.373	ng		96
57) 2,4-Dinitrotoluene	10.145	165	215672	53.556	ng		93
58) Fluorene	10.516	166	710470	44.351	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	187331	58.151	ng		97
60) Diethylphthalate	10.380	149	719937	50.466	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	352284	45.513	ng		99
62) 4-Nitroaniline	10.522	138	150805	47.789	ng		99
63) Azobenzene	10.663	77	785525	48.208	ng		97
65) 4,6-Dinitro-2-methylph...	10.557	198	98616	60.040	ng		95
66) n-Nitrosodiphenylamine	10.622	169	608929	47.180	ng		99
67) 4-Bromophenyl-phenylether	10.992	248	215964	48.176	ng		98
68) Hexachlorobenzene	11.063	284	225664	46.702	ng		98
69) Atrazine	11.145	200	184901	54.927	ng		99
70) Pentachlorophenol	11.257	266	226544	94.613	ng		97
71) Phenanthrene	11.474	178	960966	44.935	ng		99
72) Anthracene	11.527	178	994942	45.875	ng		99
73) Carbazole	11.680	167	820685	44.432	ng		99
74) Di-n-butylphthalate	12.004	149	1030302	65.918	ng		100
75) Fluoranthene	12.663	202	909808	48.568	ng		99
77) Benzidine	12.780	184	293910	34.736	ng		99
78) Pyrene	12.892	202	914572	35.225	ng		100
80) Butylbenzylphthalate	13.504	149	381128	72.449	ng		97
81) Benzo(a)anthracene	14.080	228	899115	45.707	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	206592	38.894	ng		98
83) Chrysene	14.115	228	830343	45.269	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	559729	71.994	ng		98
85) Di-n-octyl phthalate	14.674	149	1029373	65.934	ng		98
87) Indeno(1,2,3-cd)pyrene	17.104	276	1220480	44.425	ng		100
88) Benzo(b)fluoranthene	15.145	252	1021721	48.714	ng		99
89) Benzo(k)fluoranthene	15.174	252	918699	45.078	ng		99
90) Benzo(a)pyrene	15.515	252	951612	48.173	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	979680	44.637	ng		100
92) Benzo(g,h,i)perylene	17.562	276	974809	44.090	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

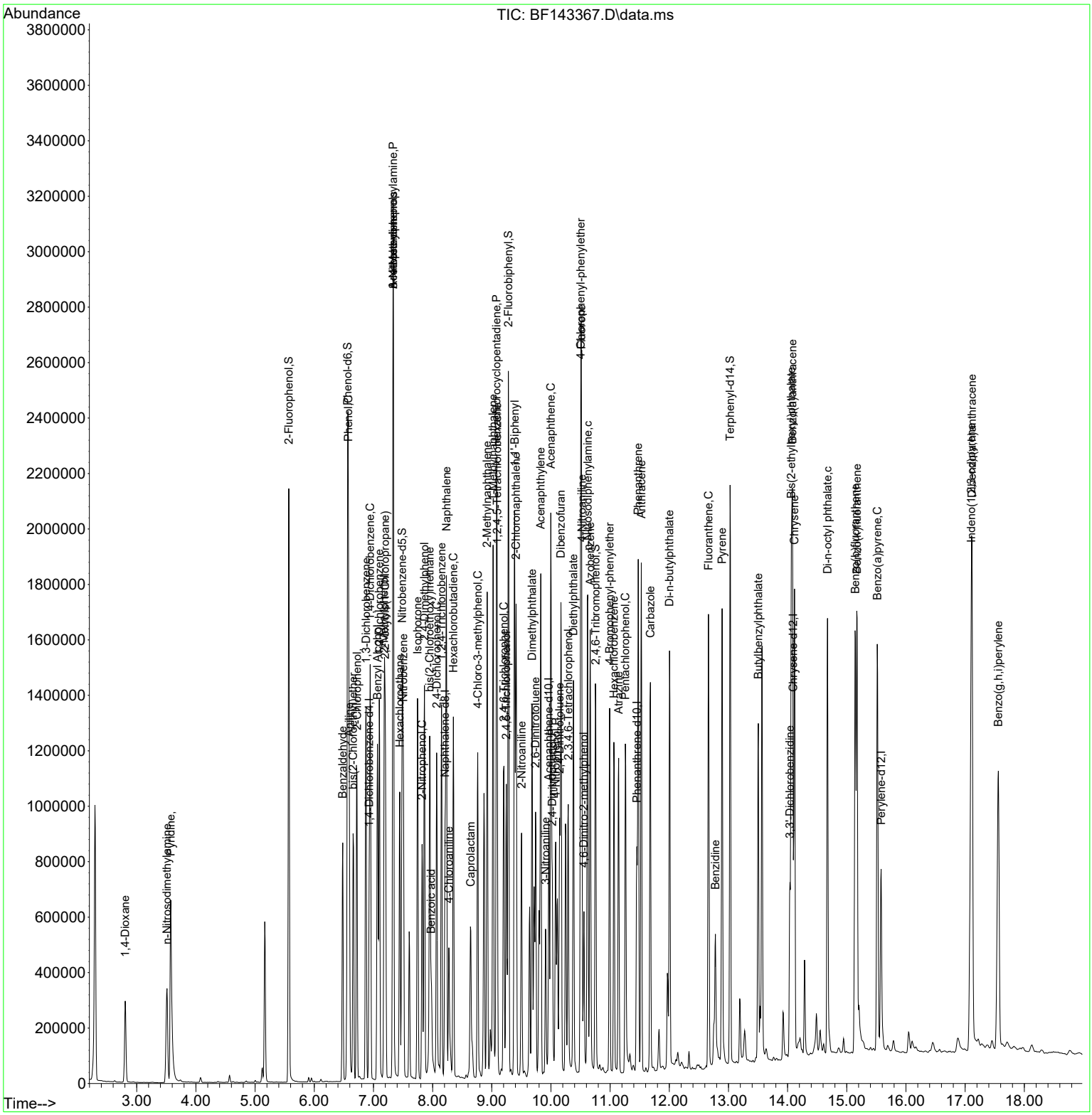
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143367.D
Acq On : 13 Aug 2025 11:12
Operator : RC/JU
Sample : Q2830-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 11:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143368.D
Acq On : 13 Aug 2025 11:42
Operator : RC/JU
Sample : Q2830-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 12:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	182122	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	707644	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	400799	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	660496	20.000	ng		0.00
76) Chrysene-d12	14.092	240	401162	20.000	ng		0.00
86) Perylene-d12	15.580	264	380758	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	1030173	97.815	ng		0.01
7) Phenol-d6	6.569	99	1365162	101.081	ng		0.00
23) Nitrobenzene-d5	7.487	82	878016	77.266	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	416362	142.146	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	1556632	65.860	ng		0.00
79) Terphenyl-d14	13.033	244	1742522	77.549	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.852	88	216902	39.800	ng		99
3) Pyridine	3.610	79	587317	40.442	ng		98
4) n-Nitrosodimethylamine	3.552	42	317834	46.983	ng		99
6) Aniline	6.593	93	623006	32.720	ng	#	85
8) 2-Chlorophenol	6.722	128	538312	47.835	ng		97
9) Benzaldehyde	6.481	77	312941	35.058	ng		99
10) Phenol	6.581	94	683901	42.745	ng		90
11) bis(2-Chloroethyl)ether	6.663	93	535850	45.443	ng		100
12) 1,3-Dichlorobenzene	6.875	146	578637	44.578	ng		99
13) 1,4-Dichlorobenzene	6.945	146	581723	44.652	ng		99
14) 1,2-Dichlorobenzene	7.098	146	570467	46.129	ng		100
15) Benzyl Alcohol	7.069	79	492701	50.893	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	961341	45.666	ng		98
17) 2-Methylphenol	7.187	107	443333	46.670	ng		98
18) Hexachloroethane	7.445	117	202404	49.556	ng		97
19) n-Nitroso-di-n-propyla...	7.340	70	388884	46.600	ng		100
20) 3+4-Methylphenols	7.334	107	518418	45.126	ng		98
22) Acetophenone	7.334	105	694973	44.573	ng		99
24) Nitrobenzene	7.510	77	593508	48.092	ng		98
25) Isophorone	7.751	82	1117448	48.170	ng		100
26) 2-Nitrophenol	7.828	139	294278	58.630	ng		98
27) 2,4-Dimethylphenol	7.863	122	511164	52.817	ng		99
28) bis(2-Chloroethoxy)met...	7.957	93	676006	47.729	ng		100
29) 2,4-Dichlorophenol	8.069	162	468786	49.593	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	478500	47.989	ng		99
31) Naphthalene	8.234	128	1505002	44.199	ng		100
32) Benzoic acid	7.998	122	309164	65.585	ng		98
33) 4-Chloroaniline	8.275	127	272712	22.205	ng		99
34) Hexachlorobutadiene	8.351	225	288283	46.477	ng		99
35) Caprolactam	8.657	113	165196m	62.166	ng		
36) 4-Chloro-3-methylphenol	8.769	107	502504	50.708	ng		98
37) 2-Methylnaphthalene	8.922	142	946801	42.295	ng		100
38) 1-Methylnaphthalene	9.022	142	966128	44.811	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	480387	43.801	ng		99
41) Hexachlorocyclopentadiene	9.081	237	428209	108.143	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	328493	52.788	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143368.D
Acq On : 13 Aug 2025 11:42
Operator : RC/JU
Sample : Q2830-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 12:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	351758	50.056	ng		100
46) 1,1'-Biphenyl	9.386	154	1270549	44.834	ng		100
47) 2-Chloronaphthalene	9.416	162	979937	43.906	ng		99
48) 2-Nitroaniline	9.504	65	340937	52.679	ng		100
49) Acenaphthylene	9.828	152	1581483	49.067	ng		99
50) Dimethylphthalate	9.686	163	1214679	51.866	ng		99
51) 2,6-Dinitrotoluene	9.745	165	268843	59.883	ng		94
52) Acenaphthene	10.004	154	1043271	48.688	ng		99
53) 3-Nitroaniline	9.916	138	192473	40.131	ng		98
54) 2,4-Dinitrophenol	10.028	184	241742	108.851	ng	#	79
55) Dibenzofuran	10.175	168	1401976	45.461	ng		99
56) 4-Nitrophenol	10.086	139	377068	97.115	ng		95
57) 2,4-Dinitrotoluene	10.151	165	367974	61.658	ng		94
58) Fluorene	10.516	166	1069858	45.419	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	302951	63.954	ng		98
60) Diethylphthalate	10.386	149	1155461	55.082	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	544980	47.882	ng		99
62) 4-Nitroaniline	10.534	138	276498	59.587	ng		99
63) Azobenzene	10.669	77	1235605	51.569	ng		95
65) 4,6-Dinitro-2-methylph...	10.563	198	186228	66.409	ng		96
66) n-Nitrosodiphenylamine	10.622	169	962968	44.277	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	358621	47.475	ng		95
68) Hexachlorobenzene	11.069	284	376657	46.259	ng		99
69) Atrazine	11.151	200	331678	58.471	ng		99
70) Pentachlorophenol	11.263	266	403940	99.770	ng		97
71) Phenanthrene	11.480	178	1582864	43.924	ng		99
72) Anthracene	11.533	178	1617222	44.251	ng		100
73) Carbazole	11.680	167	1435658	46.126	ng		98
74) Di-n-butylphthalate	12.010	149	1806368	68.584	ng		100
75) Fluoranthene	12.669	202	1600581	50.705	ng		99
77) Benzidine	12.780	184	443223	40.413	ng		98
78) Pyrene	12.898	202	1573380	46.752	ng		99
80) Butylbenzylphthalate	13.504	149	628406	91.246	ng		98
81) Benzo(a)anthracene	14.080	228	1177706	46.189	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	240837	34.980	ng		99
83) Chrysene	14.121	228	1116683	46.969	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	801196	79.088	ng		97
85) Di-n-octyl phthalate	14.674	149	1151053	57.708	ng		96
87) Indeno(1,2,3-cd)pyrene	17.104	276	1270391	46.571	ng		99
88) Benzo(b)fluoranthene	15.145	252	1011358	48.563	ng		99
89) Benzo(k)fluoranthene	15.174	252	1035288	51.160	ng		100
90) Benzo(a)pyrene	15.521	252	987713	50.356	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	1038764	47.665	ng		99
92) Benzo(g,h,i)perylene	17.562	276	1008201	45.924	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

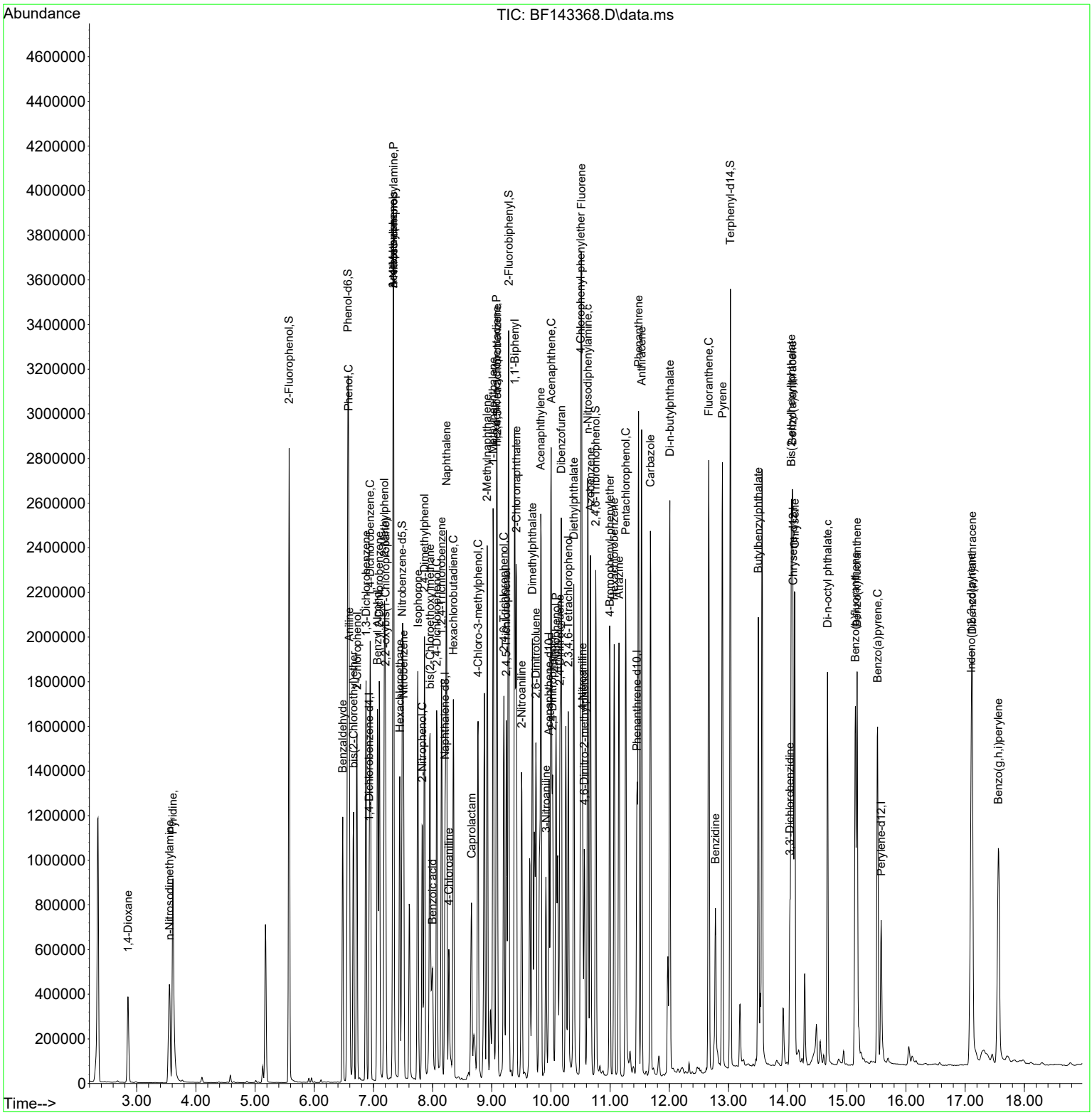
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143368.D
Acq On : 13 Aug 2025 11:42
Operator : RC/JU
Sample : Q2830-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 12:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BF081225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF143345.D	Benzoic acid	Rahul	8/13/2025 8:58:28 AM	Jagrut	8/13/2025 11:10:31 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	bf081325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2830-05MS	BF143367.D	2,4-Dimethylphenol	Rahul	8/14/2025 10:12:53 AM	Jagrut	8/15/2025 12:46:35 PM	Peak Integrated by Software
Q2830-05MSD	BF143368.D	Caprolactam	Rahul	8/14/2025 10:12:55 AM	Jagrut	8/15/2025 12:46:37 PM	Peak Integrated by Software
SSTDCCC040	BF143375.D	2,4-Dimethylphenol	Rahul	8/14/2025 10:13:11 AM	Jagrut	8/15/2025 12:46:49 PM	Peak Integrated by Software
SSTDCCC040	BF143375.D	Benzoic acid	Rahul	8/14/2025 10:13:11 AM	Jagrut	8/15/2025 12:46:49 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025393.D	Acenaphthene	Rahul	8/15/2025 9:34:57 AM	Jagrut	8/15/2025 12:49:22 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Acenaphthene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzaldehyde	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzoic acid	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Acenaphthene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Benzoic acid	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICCC040	BP025396.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:47 AM	Jagrut	8/15/2025 12:49:30 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Benzo(g,h,i)perylene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC080	BP025399.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:40 AM	Jagrut	8/15/2025 12:49:36 PM	Peak Integrated by Software
SSTDICV040	BP025400.D	Acenaphthene	Rahul	8/15/2025 9:34:38 AM	Jagrut	8/15/2025 12:49:39 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169210BS	BP025402.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:35 AM	Jagrut	8/15/2025 12:49:41 PM	Peak Integrated by Software
SSTDCCC040	BP025403.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:33 AM	Jagrut	8/15/2025 12:49:44 PM	Peak Integrated by Software
SSTDCCC040	BP025405.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:31 AM	Jagrut	8/15/2025 12:49:46 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Acenaphthene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	bp081825	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025455.D	Acenaphthene	Rahul	8/19/2025 8:33:39 AM	Jagrut	8/19/2025 8:38:58 AM	Peak Integrated by Software
SSTDCCC040	BP025455.D	Benzaldehyde	Rahul	8/19/2025 8:33:39 AM	Jagrut	8/19/2025 8:38:58 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM				
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM				
SubDirectory	BF081225	HP Acquire Method	BNA_F		HP Processing Method	bf081225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143342.D	12 Aug 2025 08:34	RC/JU	Ok
2	SSTDICC2.5	BF143343.D	12 Aug 2025 09:03	RC/JU	Ok
3	SSTDICC005	BF143344.D	12 Aug 2025 09:34	RC/JU	Ok
4	SSTDICC010	BF143345.D	12 Aug 2025 10:04	RC/JU	Ok,M
5	SSTDICC020	BF143346.D	12 Aug 2025 10:35	RC/JU	Ok
6	SSTDICCC040	BF143347.D	12 Aug 2025 11:06	RC/JU	Ok
7	SSTDICC050	BF143348.D	12 Aug 2025 11:37	RC/JU	Ok
8	SSTDICC060	BF143349.D	12 Aug 2025 12:07	RC/JU	Ok
9	SSTDICC080	BF143350.D	12 Aug 2025 12:38	RC/JU	Ok
10	SSTDICV040	BF143351.D	12 Aug 2025 13:52	RC/JU	Ok
11	PB169189BL	BF143352.D	12 Aug 2025 14:22	RC/JU	Ok
12	PB169189BS	BF143353.D	12 Aug 2025 14:53	RC/JU	Ok,M
13	Q2807-02	BF143354.D	12 Aug 2025 15:33	RC/JU	Ok,M
14	Q2807-01	BF143355.D	12 Aug 2025 16:02	RC/JU	Ok
15	Q2807-03	BF143356.D	12 Aug 2025 16:32	RC/JU	Ok,M
16	Q2807-03MS	BF143357.D	12 Aug 2025 17:02	RC/JU	Ok
17	Q2807-03MSD	BF143358.D	12 Aug 2025 17:32	RC/JU	Ok,M
18	Q2830-07	BF143359.D	12 Aug 2025 18:02	RC/JU	Ok
19	Q2830-01	BF143360.D	12 Aug 2025 18:32	RC/JU	Ok
20	Q2830-03	BF143361.D	12 Aug 2025 19:02	RC/JU	Ok
21	Q2830-05	BF143362.D	12 Aug 2025 19:32	RC/JU	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM				
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM				
SubDirectory	BF081225	HP Acquire Method	BNA_F		HP Processing Method	bf081225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2831-01	BF143363.D	12 Aug 2025 20:02	RC/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081325

Review By	Rahul	Review On	8/14/2025 10:13:42 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 12:47:02 PM		
SubDirectory	BF081325	HP Acquire Method	BNA_F	HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143364.D	13 Aug 2025 08:59	RC/JU	Ok
2	SSTDCCC040	BF143365.D	13 Aug 2025 10:00	RC/JU	Ok
3	PB169210BL	BF143366.D	13 Aug 2025 10:30	RC/JU	Ok
4	Q2830-05MS	BF143367.D	13 Aug 2025 11:12	RC/JU	Ok,M
5	Q2830-05MSD	BF143368.D	13 Aug 2025 11:42	RC/JU	Ok,M
6	Q2808-04	BF143369.D	13 Aug 2025 12:12	RC/JU	Ok
7	Q2808-04MS	BF143370.D	13 Aug 2025 12:42	RC/JU	Ok,M
8	Q2808-04MSD	BF143371.D	13 Aug 2025 13:12	RC/JU	Ok,M
9	Q2827-04	BF143372.D	13 Aug 2025 13:42	RC/JU	Ok
10	Q2827-08	BF143373.D	13 Aug 2025 14:11	RC/JU	Ok,M
11	Q2831-03	BF143374.D	13 Aug 2025 14:42	RC/JU	Ok,M
12	SSTDCCC040	BF143375.D	13 Aug 2025 15:41	RC/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025390.D	14 Aug 2025 10:30	CG/JU	Ok
2	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	CG/JU	Not Ok
3	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33	CG/JU	Ok
4	SSTDICC005	BP025393.D	14 Aug 2025 13:15	CG/JU	Ok,M
5	SSTDICC010	BP025394.D	14 Aug 2025 13:56	CG/JU	Ok,M
6	SSTDICC020	BP025395.D	14 Aug 2025 14:38	CG/JU	Ok,M
7	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	CG/JU	Ok,M
8	SSTDICC050	BP025397.D	14 Aug 2025 16:01	CG/JU	Ok,M
9	SSTDICC060	BP025398.D	14 Aug 2025 16:42	CG/JU	Ok
10	SSTDICC080	BP025399.D	14 Aug 2025 17:24	CG/JU	Ok,M
11	SSTDICV040	BP025400.D	14 Aug 2025 18:05	CG/JU	Ok,M
12	PB169200TB	BP025401.D	14 Aug 2025 19:28	CG/JU	Ok
13	PB169210BS	BP025402.D	14 Aug 2025 20:10	CG/JU	Ok,M
14	SSTDCCC040	BP025403.D	14 Aug 2025 20:51	CG/JU	Ok,M
15	DFTPP	BP025404.D	14 Aug 2025 22:14	CG/JU	Ok
16	SSTDCCC040	BP025405.D	14 Aug 2025 22:56	CG/JU	Ok,M
17	PB169228BL	BP025406.D	14 Aug 2025 23:37	CG/JU	Ok
18	PB169228BS	BP025407.D	15 Aug 2025 00:18	CG/JU	Ok,M
19	Q2820-10	BP025408.D	15 Aug 2025 01:00	CG/JU	Ok
20	Q2820-11	BP025409.D	15 Aug 2025 01:41	CG/JU	Ok
21	Q2820-21	BP025410.D	15 Aug 2025 02:22	CG/JU	ReRun

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2820-22	BP025411.D	15 Aug 2025 03:03	CG/JU	ReRun
23	Q2820-14	BP025412.D	15 Aug 2025 03:45	CG/JU	Ok
24	Q2820-16	BP025413.D	15 Aug 2025 04:26	CG/JU	Ok
25	Q2820-17	BP025414.D	15 Aug 2025 05:07	CG/JU	Ok
26	Q2820-17MS	BP025415.D	15 Aug 2025 05:48	CG/JU	Ok,M
27	Q2820-17MSD	BP025416.D	15 Aug 2025 06:29	CG/JU	Ok,M
28	Q2820-18	BP025417.D	15 Aug 2025 07:10	CG/JU	Ok
29	Q2820-19	BP025418.D	15 Aug 2025 07:51	CG/JU	ReRun
30	Q2820-20	BP025419.D	15 Aug 2025 08:32	CG/JU	ReRun
31	SSTDCCC040	BP025420.D	15 Aug 2025 09:13	CG/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081825

Review By	Rahul	Review On	8/19/2025 8:34:05 AM		
Supervise By	Jagrut	Supervise On	8/19/2025 8:39:20 AM		
SubDirectory	BP081825	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025454.D	18 Aug 2025 08:34	CG/JU	Ok
2	SSTDCCC040	BP025455.D	18 Aug 2025 10:39	CG/JU	Ok,M
3	PB169244BL	BP025456.D	18 Aug 2025 11:20	CG/JU	Ok
4	Q2838-05	BP025457.D	18 Aug 2025 12:06	CG/JU	Ok
5	Q2864-01	BP025458.D	18 Aug 2025 12:47	CG/JU	Ok
6	Q2838-01	BP025459.D	18 Aug 2025 13:28	CG/JU	Ok
7	Q2864-03	BP025460.D	18 Aug 2025 14:09	CG/JU	Ok
8	Q2877-01	BP025461.D	18 Aug 2025 14:50	CG/JU	Ok,M
9	Q2853-01	BP025462.D	18 Aug 2025 15:31	CG/JU	Ok
10	Q2883-01	BP025463.D	18 Aug 2025 16:13	CG/JU	Ok,M
11	Q2857-03	BP025464.D	18 Aug 2025 16:54	CG/JU	Ok,M
12	Q2876-01	BP025465.D	18 Aug 2025 17:35	CG/JU	Ok
13	Q2826-01	BP025466.D	18 Aug 2025 18:17	CG/JU	Ok
14	Q2832-05	BP025467.D	18 Aug 2025 18:58	CG/JU	Ok,M
15	Q2832-07	BP025468.D	18 Aug 2025 19:39	CG/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM		
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM		
SubDirectory	BF081225	HP Acquire Method	BNA_F	HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143342.D	12 Aug 2025 08:34		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143343.D	12 Aug 2025 09:03		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143344.D	12 Aug 2025 09:34		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143345.D	12 Aug 2025 10:04		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143346.D	12 Aug 2025 10:35		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF143347.D	12 Aug 2025 11:06	Compound #26,41,48,51,56,57,65,70,80,84, 85 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF143348.D	12 Aug 2025 11:37	Compound #32,54 kept on QR	RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143349.D	12 Aug 2025 12:07		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143350.D	12 Aug 2025 12:38	Compound#09 removed from 80 ppm	RC/JU	Ok
10	SSTDICV040	ICVBF081225	BF143351.D	12 Aug 2025 13:52		RC/JU	Ok
11	PB169189BL	PB169189BL	BF143352.D	12 Aug 2025 14:22		RC/JU	Ok
12	PB169189BS	PB169189BS	BF143353.D	12 Aug 2025 14:53	Compound#44,51,59,62,74 failing high	RC/JU	Ok,M
13	Q2807-02	COMP-5	BF143354.D	12 Aug 2025 15:33		RC/JU	Ok,M
14	Q2807-01	COMP-4	BF143355.D	12 Aug 2025 16:02		RC/JU	Ok
15	Q2807-03	COMP-6	BF143356.D	12 Aug 2025 16:32		RC/JU	Ok,M
16	Q2807-03MS	COMP-6MS	BF143357.D	12 Aug 2025 17:02		RC/JU	Ok
17	Q2807-03MSD	COMP-6MSD	BF143358.D	12 Aug 2025 17:32		RC/JU	Ok,M

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM		
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM		
SubDirectory	BF081225	HP Acquire Method	BNA_F	HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2830-07	BIN0009-DRIVEWAY-T	BF143359.D	12 Aug 2025 18:02		RC/JU	Ok
19	Q2830-01	BIN0009-DRIVEWAY-T	BF143360.D	12 Aug 2025 18:32		RC/JU	Ok
20	Q2830-03	BIN0009-DRIVEWAY-T	BF143361.D	12 Aug 2025 19:02		RC/JU	Ok
21	Q2830-05	BIN0009-DRIVEWAY-T	BF143362.D	12 Aug 2025 19:32		RC/JU	Ok
22	Q2831-01	VNJ-238	BF143363.D	12 Aug 2025 20:02		RC/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081325

Review By	Rahul	Review On	8/14/2025 10:13:42 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 12:47:02 PM		
SubDirectory	BF081325	HP Acquire Method	BNA_F	HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143364.D	13 Aug 2025 08:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143365.D	13 Aug 2025 10:00		RC/JU	Ok
3	PB169210BL	PB169210BL	BF143366.D	13 Aug 2025 10:30		RC/JU	Ok
4	Q2830-05MS	BIN0009-DRIVEWAY-T	BF143367.D	13 Aug 2025 11:12		RC/JU	Ok,M
5	Q2830-05MSD	BIN0009-DRIVEWAY-T	BF143368.D	13 Aug 2025 11:42		RC/JU	Ok,M
6	Q2808-04	TP-7	BF143369.D	13 Aug 2025 12:12		RC/JU	Ok
7	Q2808-04MS	TP-7MS	BF143370.D	13 Aug 2025 12:42		RC/JU	Ok,M
8	Q2808-04MSD	TP-7MSD	BF143371.D	13 Aug 2025 13:12		RC/JU	Ok,M
9	Q2827-04	TP-8	BF143372.D	13 Aug 2025 13:42		RC/JU	Ok
10	Q2827-08	TP-9	BF143373.D	13 Aug 2025 14:11		RC/JU	Ok,M
11	Q2831-03	VNJ-238	BF143374.D	13 Aug 2025 14:42		RC/JU	Ok,M
12	SSTDCCC040	SSTDCCC040EC	BF143375.D	13 Aug 2025 15:41		RC/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025390.D	14 Aug 2025 10:30		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025393.D	14 Aug 2025 13:15		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025394.D	14 Aug 2025 13:56		CG/JU	Ok,M
6	SSTDICC020	SSTDICC020	BP025395.D	14 Aug 2025 14:38		CG/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	Benzidine failed in the Calibration Method.	CG/JU	Ok,M
8	SSTDICC050	SSTDICC050	BP025397.D	14 Aug 2025 16:01		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025398.D	14 Aug 2025 16:42		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025399.D	14 Aug 2025 17:24		CG/JU	Ok,M
11	SSTDICV040	ICVBP081425	BP025400.D	14 Aug 2025 18:05		CG/JU	Ok,M
12	PB169200TB	PB169200TB	BP025401.D	14 Aug 2025 19:28		CG/JU	Ok
13	PB169210BS	PB169210BS	BP025402.D	14 Aug 2025 20:10		CG/JU	Ok,M
14	SSTDCCC040	SSTDCCC040EC	BP025403.D	14 Aug 2025 20:51		CG/JU	Ok,M
15	DFTPP	DFTPP	BP025404.D	14 Aug 2025 22:14		CG/JU	Ok
16	SSTDCCC040	SSTDCCC040	BP025405.D	14 Aug 2025 22:56		CG/JU	Ok,M
17	PB169228BL	PB169228BL	BP025406.D	14 Aug 2025 23:37		CG/JU	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB169228BS	PB169228BS	BP025407.D	15 Aug 2025 00:18		CG/JU	Ok,M
19	Q2820-10	SOIL-DUP-2	BP025408.D	15 Aug 2025 01:00		CG/JU	Ok
20	Q2820-11	10PC-W	BP025409.D	15 Aug 2025 01:41		CG/JU	Ok
21	Q2820-21	22M-N	BP025410.D	15 Aug 2025 02:22	Surrogate Fail	CG/JU	ReRun
22	Q2820-22	22M-W	BP025411.D	15 Aug 2025 03:03	Surrogate Fail	CG/JU	ReRun
23	Q2820-14	10P-E	BP025412.D	15 Aug 2025 03:45		CG/JU	Ok
24	Q2820-16	10P-N	BP025413.D	15 Aug 2025 04:26		CG/JU	Ok
25	Q2820-17	88H-E	BP025414.D	15 Aug 2025 05:07		CG/JU	Ok
26	Q2820-17MS	88H-EMS	BP025415.D	15 Aug 2025 05:48		CG/JU	Ok,M
27	Q2820-17MSD	88H-EMSD	BP025416.D	15 Aug 2025 06:29		CG/JU	Ok,M
28	Q2820-18	88H-N	BP025417.D	15 Aug 2025 07:10		CG/JU	Ok
29	Q2820-19	88H-W	BP025418.D	15 Aug 2025 07:51	Surrogate fail	CG/JU	ReRun
30	Q2820-20	88H-S	BP025419.D	15 Aug 2025 08:32	Surrogate Fail	CG/JU	ReRun
31	SSTDCCC040	SSTDCCC040EC	BP025420.D	15 Aug 2025 09:13		CG/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081825

Review By	Rahul	Review On	8/19/2025 8:34:05 AM		
Supervise By	Jagrut	Supervise On	8/19/2025 8:39:20 AM		
SubDirectory	BP081825	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025454.D	18 Aug 2025 08:34		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025455.D	18 Aug 2025 10:39		CG/JU	Ok,M
3	PB169244BL	PB169244BL	BP025456.D	18 Aug 2025 11:20	End CCC missing.- Use for Non-DOD Projects.	CG/JU	Ok
4	Q2838-05	TP-10	BP025457.D	18 Aug 2025 12:06		CG/JU	Ok
5	Q2864-01	LAW-25-122-126	BP025458.D	18 Aug 2025 12:47		CG/JU	Ok
6	Q2838-01	TP-11	BP025459.D	18 Aug 2025 13:28		CG/JU	Ok
7	Q2864-03	LAW-25-113-121	BP025460.D	18 Aug 2025 14:09		CG/JU	Ok
8	Q2877-01	EO-02-08142025	BP025461.D	18 Aug 2025 14:50		CG/JU	Ok,M
9	Q2853-01	TR-05-081325	BP025462.D	18 Aug 2025 15:31		CG/JU	Ok
10	Q2883-01	RBR2520553	BP025463.D	18 Aug 2025 16:13		CG/JU	Ok,M
11	Q2857-03	72-12002	BP025464.D	18 Aug 2025 16:54		CG/JU	Ok,M
12	Q2876-01	CL-02-08142025	BP025465.D	18 Aug 2025 17:35		CG/JU	Ok
13	Q2826-01	WC1	BP025466.D	18 Aug 2025 18:17		CG/JU	Ok
14	Q2832-05	TG-S03	BP025467.D	18 Aug 2025 18:58		CG/JU	Ok,M
15	Q2832-07	TG-S04	BP025468.D	18 Aug 2025 19:39		CG/JU	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169210

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/12/2025
Matrix :	Solid			**Extraction Start Time :**	09:15
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	08/12/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	13:15
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2632
Sand	N/A	E3951
Methylene Chloride	N/A	E3954
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/12/25	RS (Ext-lab)	RC/SVOC
13:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169210

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 08/12/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169210BL	SBLK210	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPESH	1			U1-1
PB169210BS	SLCS210	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPESH	1			2
Q2818-01	B-2-5-1	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1	B		3
Q2818-02	B-3-5-2	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPESH	1	B		4
Q2820-01	82H-S	SVOC-TCL BNA -20	30.01	N/A	ritesh	RUPESH	1	E		5
Q2820-02	82H-W	SVOC-TCL BNA -20	30.05	N/A	ritesh	RUPESH	1	E		6
Q2820-03	82H-N	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPESH	1	E		U2-1
Q2820-04	SOIL-DUP-1	SVOC-TCL BNA -20	30.06	N/A	ritesh	RUPESH	1	E		2
Q2820-05	518R-E	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPESH	1	E		3
Q2820-06	518R-N	SVOC-TCL BNA -20	30.07	N/A	ritesh	RUPESH	1	E		4
Q2820-07	518R-S	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1	E		5
Q2820-08	518R-W	SVOC-TCL BNA -20	30.08	N/A	ritesh	RUPESH	1	E		6
Q2820-09	705R-S	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPESH	1	E		U3-1
Q2823-01	SU-04-081125	SVOC-TCL BNA -20	50.06	N/A	ritesh	RUPESH	1	E		2
Q2826-01	WC1	SVOCMS Group1	30.03	N/A	ritesh	RUPESH	1			3
Q2827-01	TP-8	SVOC-TCL BNA -20	50.05	N/A	ritesh	RUPESH	1	E		4
Q2827-05	TP-9	SVOC-TCL BNA -20	50.01	N/A	ritesh	RUPESH	1	E	Gasoline Smell	5
Q2830-01	BIN0009-DRIVEWAY-TP-SOUTH-EAST	SVOC-TCL BNA -20	50.04	N/A	ritesh	RUPESH	1	E		6
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	SVOC-TCL BNA -20	50.09	N/A	ritesh	RUPESH	1	E		U6-1
Q2830-05	BIN0009-DRIVEWAY-TP-WESTSIDE	SVOC-TCL BNA -20	50.06	N/A	ritesh	RUPESH	1	E		2
Q2830-05MS	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SVOC-TCL BNA -20	50.01	N/A	ritesh	RUPESH	1	E		3
Q2830-05MSD	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SVOC-TCL BNA -20	50.03	N/A	ritesh	RUPESH	1	E		4
Q2830-07	BIN0009-DRIVEWAY-TP-EASTSIDE	SVOC-TCL BNA -20	50.09	N/A	ritesh	RUPESH	1	E		5
Q2831-01	VNJ-238	SVOC-TCL BNA -20	50.07	N/A	ritesh	RUPESH	1	B		6

RS 8/12

* **Extracts relinquished on the same date as received.**

Q2826 8/12/25 9:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2826 **WorkList ID :** 191217 **Department :** Extraction **Date :** 08-12-2025 08:43:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2818-01	B-2-5-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03		08/11/2025	8270E
Q2818-02	B-3-5-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03		08/11/2025	8270E
Q2820-01	82H-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-02	82H-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-03	82H-N	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-04	SOIL-DUP-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-05	518R-E	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-06	518R-N	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-07	518R-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-08	518R-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-09	705R-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2823-01	SU-04-081125	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	08/11/2025	8270E
Q2826-01	WC1	Solid	SVOCMS Group1	Cool 4 deg C	GENV01	D31	08/11/2025	8270E
Q2827-01	TP-8	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2827-05	TP-9	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-01	BIN0009-DRIVEWAY-TP-SOUT	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-05	BIN0009-DRIVEWAY-TP-WEST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-07	BIN0009-DRIVEWAY-TP-EAST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2831-01	VNJ-238	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D21	08/11/2025	8270E

Date/Time 08/12/25 9:10
Raw Sample Received by: RJ (EXT-Lab)
Raw Sample Relinquished by: CF

Date/Time 08/12/25 9:40
Raw Sample Received by: CF
Raw Sample Relinquished by: RJ (EXT-Lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2826	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	--Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2826-01	**WC1**	**SOIL**			**08/11/25**			**08/11/25**
			SVOCMS Group1	8270E		08/12/25	08/18/25	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2826 **Order ID:** Q2826

Client: G Environmental **Project ID:** Ave B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q2826-01	WC1	SOIL	Aroclor-1254	39.4		3.60	19.2	ug/kg
			Total Concentration:	**39.400**				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88.1 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112872.D	1	08/12/25 08:15	08/12/25 17:56	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.2	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.2	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.2	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.2	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.2	ug/kg
11097-69-1	Aroclor-1254	39.4		3.60	19.2	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.2	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.2	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.0		30 (32) - 150 (144)	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.6		30 (32) - 150 (175)	93%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2826

Client: G Environmental

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO112413.D	PIBLK-PO112413.D	Tetrachloro-m-xyl	1	20	19.1	95		70 (60)	130 (140)
		Decachlorobiphen	1	20	20.0	100		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.5	98		70 (60)	130 (140)
		Decachlorobiphen	2	20	20.4	102		70 (60)	130 (140)
I.BLK-PO112869.D	PIBLK-PO112869.D	Tetrachloro-m-xyl	1	20	20.7	103		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.2	96		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	20.3	102		70 (60)	130 (140)
		Decachlorobiphen	2	20	20.5	103		70 (60)	130 (140)
Q2826-01	WC1	Tetrachloro-m-xyl	1	20	21.0	105		30 (32)	150 (144)
		Decachlorobiphen	1	20	16.3	81		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	20.3	101		30 (32)	150 (144)
		Decachlorobiphen	2	20	18.6	93		30 (32)	150 (175)
I.BLK-PO112884.D	PIBLK-PO112884.D	Tetrachloro-m-xyl	1	20	20.8	104		70 (60)	130 (140)
		Decachlorobiphen	1	20	17.8	89		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	20.3	102		70 (60)	130 (140)
		Decachlorobiphen	2	20	20.8	104		70 (60)	130 (140)
I.BLK-PP074167.D	PIBLK-PP074167.D	Tetrachloro-m-xyl	1	20	19.1	95		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.7	98		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	17.3	86		70 (60)	130 (140)
		Decachlorobiphen	2	20	18.7	93		70 (60)	130 (140)
I.BLK-PP074305.D	PIBLK-PP074305.D	Tetrachloro-m-xyl	1	20	22.0	110		70 (60)	130 (140)
		Decachlorobiphen	1	20	21.1	105		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.7	98		70 (60)	130 (140)
		Decachlorobiphen	2	20	18.5	93		70 (60)	130 (140)
PB169205BL	PB169205BL	Tetrachloro-m-xyl	1	20	23.1	116		30 (32)	150 (144)
		Decachlorobiphen	1	20	22.2	111		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	20.1	101		30 (32)	150 (144)
		Decachlorobiphen	2	20	20.1	100		30 (32)	150 (175)
PB169205BS	PB169205BS	Tetrachloro-m-xyl	1	20	24.3	121		30 (32)	150 (144)
		Decachlorobiphen	1	20	22.5	112		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	20.8	104		30 (32)	150 (144)
		Decachlorobiphen	2	20	20.0	100		30 (32)	150 (175)
Q2830-01MS	BIN0009-DRIVEWAY-TP-SOU	Tetrachloro-m-xyl	1	20	23.5	117		30 (32)	150 (144)
		Decachlorobiphen	1	20	19.9	100		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	22.0	110		30 (32)	150 (144)
		Decachlorobiphen	2	20	17.5	87		30 (32)	150 (175)
Q2830-01MSD	BIN0009-DRIVEWAY-TP-SOU	Tetrachloro-m-xyl	1	20	23.3	116		30 (32)	150 (144)
		Decachlorobiphen	1	20	19.9	99		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	22.1	111		30 (32)	150 (144)
		Decachlorobiphen	2	20	17.9	89		30 (32)	150 (175)
I.BLK-PP074319.D	PIBLK-PP074319.D	Tetrachloro-m-xyl	1	20	22.9	115		70 (60)	130 (140)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2826

Client: G Environmental

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP074319.D	PIBLK-PP074319.D	Decachlorobiphen	1	20	21.7	109		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.8	99		70 (60)	130 (140)
		Decachlorobiphen	2	20	19.8	99		70 (60)	130 (140)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q2826	**Analytical Method:**	8082A
Client:	G Environmental	**DataFile :**	PP074311.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2830-01MS (Column 1)**	**Client Sample ID:**		**BIN0009-DRIVEWAY-TP-**								
	AR1016	191.7	0	201	ug/kg	105				40 (55)	140 (146)	
	AR1260	191.7	0	173	ug/kg	90				40 (54)	140 (119)	
Lab Sample ID:	**Q2830-01MS (Column 2)**	**Client Sample ID:**		**BIN0009-DRIVEWAY-TP-**								
	AR1016	191.7	0	213	ug/kg	111				40 (55)	140 (146)	
	AR1260	191.7	0	181	ug/kg	94				40 (54)	140 (119)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** 8082A

Client: G Environmental **DataFile :** PP074312.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2830-01MSD (Column 1)**	**Client Sample ID:**		**BIN0009-DRIVEWAY-TP-**								
	AR1016	191.6	0	213	ug/kg	111		6		40 (55)	140 (146)	30 (15)
	AR1260	191.6	0	177	ug/kg	92		2		40 (54)	140 (119)	30 (15)
Lab Sample ID:	**Q2830-01MSD (Column 2)**	**Client Sample ID:**		**BIN0009-DRIVEWAY-TP-**								
	AR1016	191.6	0	219	ug/kg	114		3		40 (55)	140 (146)	30 (15)
	AR1260	191.6	0	188	ug/kg	98		4		40 (54)	140 (119)	30 (15)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** 8082A

Client: G Environmental **Datafile :** PP074309.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169205BS (Column 1)	AR1016	166.6	185	ug/kg	111				40 (71)	140 (120)	
	AR1260	166.6	165	ug/kg	99				40 (65)	140 (130)	
PB169205BS (Column 2)	AR1016	166.6	183	ug/kg	110				40 (71)	140 (120)	
	AR1260	166.6	180	ug/kg	108				40 (65)	140 (130)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169205BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2826

Lab Sample ID: PB169205BL | Lab File ID: PP074308.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 08/12/2025

Date Analyzed (1): 08/12/2025 | Date Analyzed (2): 08/12/2025

Time Analyzed (1): 12:48 | Time Analyzed (2): 12:48

Instrument ID (1): ECD_P | Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
WC1	Q2826-01	PO112872.D	08/12/2025	08/12/2025
PB169205BS	PB169205BS	PP074309.D	08/12/2025	08/12/2025
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS	Q2830-01MS	PP074311.D	08/12/2025	08/12/2025
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD	Q2830-01MSD	PP074312.D	08/12/2025	08/12/2025

COMMENTS:

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB169205BL	SDG No.:	Q2826
Lab Sample ID:	PB169205BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074308.D	1	08/12/25 08:15	08/12/25 12:48	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.1		30 (32) - 150 (144)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		30 (32) - 150 (175)	111%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	07/23/25	
Project:	Ave B		Date Received:	07/23/25	
Client Sample ID:	PIBLK-PO112413.D		SDG No.:	Q2826	
Lab Sample ID:	I.BLK-PO112413.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112413.D	1		07/23/25	PO072325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		70 (60) - 130 (140)	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		70 (60) - 130 (140)	100%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	08/12/25	
Project:	Ave B		Date Received:	08/12/25	
Client Sample ID:	PIBLK-PO112869.D		SDG No.:	Q2826	
Lab Sample ID:	I.BLK-PO112869.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112869.D	1		08/12/25	po081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		70 (60) - 130 (140)	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		70 (60) - 130 (140)	96%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/12/25
Project:	Ave B	Date Received:	08/12/25
Client Sample ID:	PIBLK-PO112884.D	SDG No.:	Q2826
Lab Sample ID:	I.BLK-PO112884.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112884.D	1		08/12/25	po081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		70 (60) - 130 (140)	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		70 (60) - 130 (140)	89%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	08/01/25	
Project:	Ave B		Date Received:	08/01/25	
Client Sample ID:	PIBLK-PP074167.D		SDG No.:	Q2826	
Lab Sample ID:	I.BLK-PP074167.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074167.D	1		08/01/25	PP080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		70 (60) - 130 (140)	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		70 (60) - 130 (140)	93%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/12/25
Project:	Ave B	Date Received:	08/12/25
Client Sample ID:	PIBLK-PP074305.D	SDG No.:	Q2826
Lab Sample ID:	I.BLK-PP074305.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074305.D	1		08/12/25	PP081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		70 (60) - 130 (140)	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.5		70 (60) - 130 (140)	93%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	08/12/25	
Project:	Ave B		Date Received:	08/12/25	
Client Sample ID:	PIBLK-PP074319.D		SDG No.:	Q2826	
Lab Sample ID:	I.BLK-PP074319.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074319.D	1		08/12/25	pp081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		70 (60) - 130 (140)	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		70 (60) - 130 (140)	99%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	PB169205BS		SDG No.:	Q2826	
Lab Sample ID:	PB169205BS		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074309.D	1	08/12/25 08:15	08/12/25 13:05	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	185		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	180		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.3		30 (32) - 150 (144)	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.5		30 (32) - 150 (175)	112%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-SOUTH-EASTMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.9 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074311.D	1	08/12/25 08:15	08/12/25 13:37	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	213		4.50	19.6	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.6	ug/kg
11096-82-5	Aroclor-1260	181		3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.5		30 (32) - 150 (144)	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		30 (32) - 150 (175)	100%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD	SDG No.:	Q2826
Lab Sample ID:	Q2830-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.9 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074312.D	1	08/12/25 08:15	08/12/25 13:53	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	219		4.50	19.5	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.5	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.5	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.5	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.5	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.5	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.5	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.5	ug/kg
11096-82-5	Aroclor-1260	188		3.70	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.3		30 (32) - 150 (144)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		30 (32) - 150 (175)	99%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Instrument ID: ECD_O **Calibration Date(s):** 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO112414.D RT 750 = PO112415.D

RT 500 = PO112416.D RT 250 = PO112417.D RT 050 = PO112418.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.76	4.75	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-3	(3)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1016-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.25	6.24	6.25	6.24	6.25	6.24	6.14	6.34
Aroclor-1260-2	(2)	6.44	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.80	6.80	6.80	6.80	6.80	6.80	6.70	6.90
Aroclor-1260-4	(4)	7.06	7.06	7.06	7.06	7.06	7.06	6.96	7.16
Aroclor-1260-5	(5)	7.30	7.30	7.30	7.30	7.30	7.30	7.20	7.40
Decachlorobiphenyl		8.70	8.69	8.69	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1242-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-2	(2)	4.78	4.77	4.77	4.77	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1242-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.69	8.69	8.69	8.69	8.70	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1248-1	(1)	4.76	4.76	4.75	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	4.99	4.99	4.99	4.99	5.00	4.99	4.89	5.09
Aroclor-1248-3	(3)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-4	(4)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1248-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.69	8.69	8.69	8.70	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1254-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1254-3	(3)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1254-4	(4)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-5	(5)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Decachlorobiphenyl		8.69	8.69	8.70	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1268-1	(1)	7.59	7.59	7.59	7.58	7.59	7.59	7.49	7.69
Aroclor-1268-2	(2)	7.65	7.65	7.65	7.65	7.65	7.65	7.55	7.75
Aroclor-1268-3	(3)	7.86	7.86	7.86	7.86	7.86	7.86	7.76	7.96
Aroclor-1268-4	(4)	8.15	8.15	8.15	8.14	8.15	8.15	8.05	8.25
Aroclor-1268-5	(5)	8.44	8.44	8.44	8.44	8.44	8.44	8.34	8.54

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.70	8.70	8.70	8.69	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Instrument ID: ECD_O **Calibration Date(s):** 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO112414.D RT 750 = PO112415.D

RT 500 = PO112416.D RT 250 = PO112417.D RT 050 = PO112418.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1016-4	(4)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1016-5	(5)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.27	7.26	7.26	7.26	7.27	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1242-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1242-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1242-4	(4)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.54	5.53	5.43	5.63
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1248-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1248-2	(2)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1248-3	(3)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1248-4	(4)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1248-5	(5)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.54	5.54	5.54	5.53	5.53	5.54	5.44	5.64
Aroclor-1254-2	(2)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Aroclor-1254-5	(5)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1268-1	(1)	7.55	7.55	7.55	7.55	7.55	7.55	7.45	7.65
Aroclor-1268-2	(2)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-3	(3)	7.82	7.82	7.82	7.82	7.82	7.82	7.72	7.92
Aroclor-1268-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1268-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: GENV01
SDG NO.: Q2826
Calibration Date(s): 07/23/2025 07/23/2025
Calibration Times: 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO112414.D CF 750 = PO112415.D
CF 500 = PO112416.D CF 250 = PO112417.D CF 050 = PO112418.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	281481703	285148303	290849518	279501268	204848240	268365806	13
Aroclor-1016-2	(2)	418001550	431852928	433849136	420704900	326178800	406117463	11
Aroclor-1016-3	(3)	263638281	273794351	273610504	262887848	234438940	261673985	6
Aroclor-1016-4	(4)	216165184	219268720	223332708	213740540	186700200	211841470	6
Aroclor-1016-5	(5)	221113370	228268088	233867428	235369996	178734160	219470608	10
Aroclor-1260-1	(1)	431773857	450001749	476240286	447612572	391026880	439331069	7
Aroclor-1260-2	(2)	673380136	698254531	722944530	686506064	658383800	687893812	3
Aroclor-1260-3	(3)	611274773	627246767	610311884	614713140	476551180	588019549	10
Aroclor-1260-4	(4)	447285263	461047633	473248904	505121600	368319820	451004644	11
Aroclor-1260-5	(5)	1262689005	1283961461	1337121492	1347466800	964454900	1239138732	12
Decachlorobiphenyl		7456684020	7676252293	7829495380	7672255680	5924316000	7311800675	11
Tetrachloro-m-xylene		8554863660	8750848067	8754072420	8314620000	6283438800	8131568589	13
Aroclor-1242-1	(1)	256299409	259568919	260660454	265097176	196334180	247592028	11
Aroclor-1242-2	(2)	381137122	387088803	391556862	393536916	295648160	369793573	11
Aroclor-1242-3	(3)	241769617	246476011	248315054	252195680	194532760	236657824	10
Aroclor-1242-4	(4)	195717021	198363989	201564902	203398396	172348620	194278586	6
Aroclor-1242-5	(5)	215656431	220174447	229182990	229543836	175020200	213915581	10
Decachlorobiphenyl		8000645330	8037989413	8087967020	8086832920	6389983800	7720683697	10
Tetrachloro-m-xylene		9125652230	9195232120	9219491440	9207437080	6341808000	8617924174	15
Aroclor-1248-1	(1)	189314500	193406379	198364040	203445536	151513120	187208715	10
Aroclor-1248-2	(2)	257058197	266019899	270572928	278752472	203158020	255112303	11
Aroclor-1248-3	(3)	329824745	342687100	350417966	364320620	331255900	343701266	4
Aroclor-1248-4	(4)	503150480	523568551	540549606	563745892	409374460	508077798	11
Aroclor-1248-5	(5)	346508966	363261911	374337920	392493440	271353380	349591123	13
Decachlorobiphenyl		7900018490	8086308400	8195171040	8262080520	6143274400	7717370570	12
Tetrachloro-m-xylene		8946590960	9189061507	9273186240	9357342160	6567561400	8666748453	14
Aroclor-1254-1	(1)	525205609	551869540	568048078	599161796	500508140	548958633	7
Aroclor-1254-2	(2)	467389736	490253857	501431616	531267632	439250900	485918748	7
Aroclor-1254-3	(3)	736681841	765368536	778116616	788008044	653257120	744286431	7
Aroclor-1254-4	(4)	537295054	560529123	571244926	572391952	507057560	549703723	5
Aroclor-1254-5	(5)	713157717	729355651	738947588	743850736	613809420	707824222	7
Decachlorobiphenyl		7810644110	7988158653	8118440840	8069654680	6321650600	7661709777	10
Tetrachloro-m-xylene		8477893750	8928798520	9019842540	9077508800	7004909800	8501790682	10
Aroclor-1268-1	(1)	1805209287	1836925397	1850534848	1852730580	1410311920	1751142406	10

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1523811042	1548194379	1559255960	1566806172	1167050180	1473023547	11
Aroclor-1268-3	(3)	1298638460	1316156257	1333295814	1329215988	983852920	1252231888	11
Aroclor-1268-4	(4)	502325303	515160189	514467028	515975792	361392800	481864222	13
Aroclor-1268-5	(5)	3537850645	3568750916	3561527908	3536594816	2581136540	3357172165	12
Decachlorobiphenyl		14538757830	14683927053	14777305700	14801547680	10962984400	13952904533	12
Tetrachloro-m-xylene		8916461140	9229914440	9271431040	9355148600	6516020600	8657795164	14

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: GENV01
SDG NO.: Q2826
Calibration Date(s): 07/23/2025 07/23/2025
Calibration Times: 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO112414.D CF 750 = PO112415.D
CF 500 = PO112416.D CF 250 = PO112417.D CF 050 = PO112418.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	171399488	177928739	180256326	179838608	165612060	175007044	3
Aroclor-1016-2	(2)	254283756	266059885	273532534	272267680	236331280	260495027	6
Aroclor-1016-3	(3)	134555314	139369485	142347070	141007248	122553240	135966471	6
Aroclor-1016-4	(4)	106915956	111683577	115661150	118698688	102464540	111084782	6
Aroclor-1016-5	(5)	139169322	144750759	147937312	152336452	132321220	143303013	5
Aroclor-1260-1	(1)	240286237	254043527	261134446	258041412	229050000	248511124	5
Aroclor-1260-2	(2)	317223235	329626419	335041102	340620804	324956000	329493512	3
Aroclor-1260-3	(3)	256241072	262701627	269297872	275910760	220454080	256921082	8
Aroclor-1260-4	(4)	185740526	193469844	197255514	200936168	179151380	191310686	4
Aroclor-1260-5	(5)	419199446	421594747	433075366	434815624	352283180	412193673	8
Decachlorobiphenyl		1753295660	1820833173	1877801640	1892185680	1491444000	1767112031	9
Tetrachloro-m-xylene		5169666700	5314856493	5330554580	5111206560	3919594600	4969175787	12
Aroclor-1242-1	(1)	153645977	158282413	162201976	169125204	148714620	158394038	5
Aroclor-1242-2	(2)	230553136	236233123	241816698	253231308	206497880	233666429	7
Aroclor-1242-3	(3)	120997871	124593004	126633224	130347852	103373540	121189098	8
Aroclor-1242-4	(4)	116921071	120755713	124229780	129097232	122693120	122739383	3
Aroclor-1242-5	(5)	154482444	160907067	167116390	163960092	158390400	160971279	3
Decachlorobiphenyl		1831604040	1871840933	1924104720	1967119920	1579850400	1834904003	8
Tetrachloro-m-xylene		5483238770	5543459253	5573552360	5630865680	4061456200	5258514453	13
Aroclor-1248-1	(1)	116797575	121746903	126835386	132022196	110144520	121509316	7
Aroclor-1248-2	(2)	161755092	168905528	175846314	185366264	154525280	169279696	7
Aroclor-1248-3	(3)	170672394	178220732	184519824	194073912	160748960	177647164	7
Aroclor-1248-4	(4)	202462025	210645355	219142380	229572292	179950700	208354550	9
Aroclor-1248-5	(5)	207118457	216119221	227433754	242834452	180319280	214765033	10
Decachlorobiphenyl		1836524820	1878481893	1941164520	1982063240	1517022000	1831051295	10
Tetrachloro-m-xylene		5362990180	5502770333	5558036420	5629888520	4177350800	5246207251	12
Aroclor-1254-1	(1)	308086628	324598995	339171148	360746064	310502200	328621007	6
Aroclor-1254-2	(2)	269579969	283423153	295499466	318260532	280690420	289490708	6
Aroclor-1254-3	(3)	411643535	427646563	444183030	462345912	391487940	427461396	6
Aroclor-1254-4	(4)	256982627	269810957	279068642	286892132	272060980	272963068	4
Aroclor-1254-5	(5)	324913084	333876627	346327314	357344936	307636300	334019652	5
Decachlorobiphenyl		1794065640	1872151533	1910898600	1948005080	1573949600	1819814091	8
Tetrachloro-m-xylene		5135321880	5340323933	5419556800	5524764520	4404208000	5164835027	9
Aroclor-1268-1	(1)	514567345	516695037	532735372	551455976	473857920	517862330	5

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	421574479	425971267	436618852	454509592	386645480	425063934	6
Aroclor-1268-3	(3)	318758782	324505707	331241876	345977680	285851460	321267101	7
Aroclor-1268-4	(4)	111516853	115705837	114796592	121616720	92841800	111295560	9
Aroclor-1268-5	(5)	742715083	756736297	758808540	780432416	619995020	731737471	8
Decachlorobiphenyl		3224484190	3300929360	3351395200	3481054400	2726789400	3216930510	9
Tetrachloro-m-xylene		5326223920	5511724707	5541913900	5672741280	4190979000	5248716561	12

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Instrument ID: ECD_O **Date(s) Analyzed:** 07/23/2025 07/23/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.88	3.78	3.98	96659600
		2	3.97	3.87	4.07	71862000
		3	4.04	3.94	4.14	237712000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.04	3.94	4.14	186979000
		2	4.54	4.44	4.64	107625000
		3	4.78	4.68	4.88	206800000
		4	4.95	4.85	5.05	104740000
		5	4.99	4.89	5.09	67880800
Aroclor-1262	500	1	6.80	6.70	6.90	929208000
		2	7.30	7.20	7.40	1487020000
		3	7.59	7.49	7.69	590252000
		4	7.65	7.55	7.75	994166000
		5	8.15	8.05	8.25	434062000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Instrument ID: ECD_O **Date(s) Analyzed:** 07/23/2025 07/23/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.87	3.77	3.97	67265800
		2	3.96	3.86	4.06	50728000
		3	4.03	3.93	4.13	158529000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.03	3.93	4.13	126550000
		2	4.76	4.66	4.86	131155000
		3	4.93	4.83	5.03	67196800
		4	5.02	4.92	5.12	59829000
		5	5.19	5.09	5.29	65203000
Aroclor-1262	500	1	6.77	6.67	6.87	414828000
		2	7.27	7.17	7.37	515546000
		3	7.55	7.45	7.65	186525000
		4	7.61	7.51	7.71	288104000
		5	8.10	8.00	8.20	99503400

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Instrument ID: ECD_P **Calibration Date(s):** 08/01/2025 08/01/2025

Calibration Times: 12:05 20:28

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP074168.D RT 750 = PP074169.D

RT 500 = PP074170.D RT 250 = PP074171.D RT 050 = PP074172.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.83	5.84	5.83	5.83	5.84	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1016-4	(4)	5.99	6.00	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.29	6.29	6.29	6.28	6.29	6.29	6.19	6.39
Aroclor-1260-1	(1)	7.40	7.41	7.40	7.40	7.40	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.66	7.66	7.66	7.65	7.66	7.66	7.56	7.76
Aroclor-1260-3	(3)	8.01	8.02	8.01	8.01	8.02	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.24	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.57	8.57	8.57	8.57	8.57	8.57	8.47	8.67
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1242-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1242-2	(2)	5.83	5.84	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-3	(3)	5.90	5.90	5.89	5.90	5.90	5.90	5.80	6.00
Aroclor-1242-4	(4)	5.99	6.00	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1242-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.44	10.44	10.43	10.44	10.43	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.24	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.93	7.93	7.93	7.93	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.43	10.43	10.43	10.43	10.43	10.43	10.33	10.53
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Instrument ID: ECD_P **Calibration Date(s):** 08/01/2025 08/01/2025

Calibration Times: 12:05 20:28

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP074168.D RT 750 = PP074169.D

RT 500 = PP074170.D RT 250 = PP074171.D RT 050 = PP074172.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.91	4.90	4.91	4.91	4.91	4.91	4.81	5.01
Aroclor-1016-2	(2)	4.96	4.96	4.96	4.97	4.97	4.96	4.86	5.06
Aroclor-1016-3	(3)	5.08	5.08	5.08	5.09	5.08	5.08	4.98	5.18
Aroclor-1016-4	(4)	5.12	5.12	5.12	5.13	5.12	5.12	5.02	5.22
Aroclor-1016-5	(5)	5.34	5.34	5.34	5.34	5.34	5.34	5.24	5.44
Aroclor-1260-1	(1)	6.56	6.55	6.56	6.56	6.56	6.56	6.46	6.66
Aroclor-1260-2	(2)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Aroclor-1260-3	(3)	6.92	6.92	6.92	6.92	6.92	6.92	6.82	7.02
Aroclor-1260-4	(4)	7.18	7.18	7.18	7.18	7.18	7.18	7.08	7.28
Aroclor-1260-5	(5)	7.42	7.42	7.42	7.42	7.42	7.42	7.32	7.52
Decachlorobiphenyl		8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Tetrachloro-m-xylene		3.81	3.80	3.81	3.81	3.80	3.81	3.71	3.91
Aroclor-1242-1	(1)	4.91	4.90	4.91	4.91	4.90	4.91	4.81	5.01
Aroclor-1242-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.17	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Decachlorobiphenyl		8.83	8.82	8.83	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.81	3.81	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1254-2	(2)	5.84	5.84	5.83	5.83	5.84	5.84	5.74	5.94
Aroclor-1254-3	(3)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1254-4	(4)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1254-5	(5)	6.88	6.88	6.88	6.88	6.88	6.88	6.78	6.98
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.81	3.80	3.80	3.80	3.80	3.80	3.70	3.90

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: GENV01
SDG NO.: Q2826
Calibration Date(s): 08/01/2025 08/01/2025
Calibration Times: 12:05 20:28

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP074168.D CF 750 = PP074169.D
CF 500 = PP074170.D CF 250 = PP074171.D CF 050 = PP074172.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	35273925	37423669	39112938	43859036	50614460	41256806	14
Aroclor-1016-2	(2)	51795728	55199127	58347288	64689960	73676540	60741729	13
Aroclor-1016-3	(3)	33422245	35685564	37869938	42702196	48622620	39660513	14
Aroclor-1016-4	(4)	27792815	29586895	31487664	35862436	37992560	32544474	12
Aroclor-1016-5	(5)	27690329	29450228	31441930	35606544	38151200	32468046	13
Aroclor-1260-1	(1)	47709498	50888675	54142460	59119820	69919860	56356063	15
Aroclor-1260-2	(2)	56508230	60166887	63913596	71401348	88771760	68152364	18
Aroclor-1260-3	(3)	45067030	48123128	50650728	57005548	65633220	53295931	14
Aroclor-1260-4	(4)	54035441	57066597	60264502	66664376	75043960	62614975	13
Aroclor-1260-5	(5)	97992993	102942959	107738868	117332464	140517260	113304909	14
Decachlorobiphenyl		852434670	894679120	940440840	1016872040	1151380600	971161454	12
Tetrachloro-m-xylene		994587660	1038636867	1076051520	1154524400	1327726000	1118305289	12
Aroclor-1242-1	(1)	31512428	33419607	35918512	39696020	45782500	37265813	14
Aroclor-1242-2	(2)	47421171	49356251	53063334	57890692	64313200	54408930	12
Aroclor-1242-3	(3)	30290298	32076312	34724744	38188808	43399140	35735860	14
Aroclor-1242-4	(4)	25177060	26633319	28691812	30950152	34640880	29218645	12
Aroclor-1242-5	(5)	29128304	32087727	34406488	38696772	43470800	35558018	15
Decachlorobiphenyl		880786000	919506067	984418560	1056643120	1205252000	1009321149	13
Tetrachloro-m-xylene		1043240650	1075688493	1133074840	1202593000	1370780600	1165075517	11
Aroclor-1254-1	(1)	49559228	49811068	53907260	53993024	55934640	52641044	5
Aroclor-1254-2	(2)	70079706	72686637	78166692	86577056	90012700	79504558	10
Aroclor-1254-3	(3)	76495408	79340601	84479860	93420496	102844700	87316213	12
Aroclor-1254-4	(4)	57834344	59926583	63428804	69599176	68258480	63809477	8
Aroclor-1254-5	(5)	73335985	76078215	80654566	88040632	87614400	81144760	8
Decachlorobiphenyl		901613940	929059080	979122040	1057269880	1005303000	974473588	6
Tetrachloro-m-xylene		1055318110	1070331613	1114290760	1189360720	1187072000	1123274641	6

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: GENV01
SDG NO.: Q2826
Calibration Date(s): 08/01/2025 08/01/2025
Calibration Times: 12:05 20:28

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP074168.D CF 750 = PP074169.D
CF 500 = PP074170.D CF 250 = PP074171.D CF 050 = PP074172.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	401748995	398824608	399912360	403735356	390215520	398887368	1
Aroclor-1016-2	(2)	186854426	192495525	187577416	198284052	173833620	187809008	5
Aroclor-1016-3	(3)	104048217	106580327	106062448	114925596	98731580	106069634	5
Aroclor-1016-4	(4)	102945349	106576167	111089380	109624088	115865320	109220061	4
Aroclor-1016-5	(5)	116097268	118066511	118643196	118883084	113126240	116963260	2
Aroclor-1260-1	(1)	398303416	397444124	405725820	438106428	380206020	403957162	5
Aroclor-1260-2	(2)	301304557	308158192	308266150	305734868	340030740	312698901	5
Aroclor-1260-3	(3)	408378449	417603121	404068616	383320072	357221180	394118288	6
Aroclor-1260-4	(4)	295359710	299954812	306136602	280781712	272663920	290979351	4
Aroclor-1260-5	(5)	811772813	805780147	794112086	732491376	642892660	757409816	9
Decachlorobiphenyl		6091085760	6145498480	6064775080	5991469080	5775302800	6013626240	2
Tetrachloro-m-xylene		4204747790	4209506627	3997167900	3658659200	3102045200	3834425343	12
Aroclor-1242-1	(1)	341272725	348537165	356175586	358260688	321457320	345140697	4
Aroclor-1242-2	(2)	162660327	171629959	165033416	168697644	148866940	163377657	5
Aroclor-1242-3	(3)	93075141	96957855	92088854	97223352	81897380	92248516	6
Aroclor-1242-4	(4)	117292839	116784915	126377070	120581608	116071680	119421622	3
Aroclor-1242-5	(5)	140731652	152438257	148354640	155481924	150793560	149560007	4
Decachlorobiphenyl		6182103300	6198353267	6343202860	6254049920	5638925600	6123326989	5
Tetrachloro-m-xylene		4380731720	4319851627	4244718880	3977934440	3138312200	4012309773	13
Aroclor-1254-1	(1)	384557283	361450625	385081202	377494716	322325960	366181957	7
Aroclor-1254-2	(2)	284389782	276601852	284135592	290728916	255228600	278216948	5
Aroclor-1254-3	(3)	520239168	520693099	508814756	526662268	369647720	489211402	13
Aroclor-1254-4	(4)	378053305	389619320	377098978	394351108	298703960	367565334	10
Aroclor-1254-5	(5)	425051302	410967521	398226716	393575444	298014540	385167105	12
Decachlorobiphenyl		6206832720	6179384467	6118770460	6279475360	4842174000	5925327401	10
Tetrachloro-m-xylene		4358828150	4220486587	4040036280	3680489520	2529500800	3765868267	20

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Instrument ID: ECD_P **Date(s) Analyzed:** 08/01/2025 08/01/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.86	4.76	4.96	16763600
		2	4.94	4.84	5.04	12601100
		3	5.02	4.92	5.12	36635200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	29037400
		2	5.55	5.45	5.65	15042700
		3	5.83	5.73	5.93	29001800
		4	5.99	5.89	6.09	15468800
		5	6.08	5.98	6.18	11716000
Aroclor-1248	500	1	5.81	5.71	5.91	28382600
		2	6.08	5.98	6.18	40187600
		3	6.28	6.18	6.38	44640800
		4	6.68	6.58	6.78	51582200
		5	6.72	6.62	6.82	53240200
Aroclor-1262	500	1	8.24	8.14	8.34	75789600
		2	8.56	8.46	8.66	130430000
		3	8.89	8.79	8.99	94070800
		4	8.97	8.87	9.07	72851600
		5	9.65	9.55	9.75	50922600
Aroclor-1268	500	1	8.88	8.78	8.98	158028000
		2	8.98	8.88	9.08	146028000
		3	9.22	9.12	9.32	121402000
		4	9.64	9.54	9.74	59648200
		5	10.08	9.98	10.18	357940000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Instrument ID: ECD_P **Date(s) Analyzed:** 08/01/2025 08/01/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.02	3.92	4.12	49085200
		2	4.10	4.00	4.20	35889400
		3	4.18	4.08	4.28	135225000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.18	4.08	4.28	101362000
		2	4.90	4.80	5.00	174266000
		3	5.08	4.98	5.18	45816600
		4	5.16	5.06	5.26	58010800
		5	5.34	5.24	5.44	46979400
Aroclor-1248	500	1	4.90	4.80	5.00	223628000
		2	5.12	5.02	5.22	147770000
		3	5.16	5.06	5.26	179546000
		4	5.34	5.24	5.44	167057000
		5	5.73	5.63	5.83	302782000
Aroclor-1262	500	1	6.92	6.82	7.02	563142000
		2	7.18	7.08	7.28	401024000
		3	7.70	7.60	7.80	359470000
		4	7.76	7.66	7.86	666922000
		5	8.26	8.16	8.36	283268000
Aroclor-1268	500	1	7.70	7.60	7.80	1169220000
		2	7.76	7.66	7.86	1148130000
		3	7.97	7.87	8.07	891866000
		4	8.26	8.16	8.36	329470000
		5	8.56	8.46	8.66	2772300000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:50 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.80	6.80	6.70	6.90	0.00
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:50 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112865.D **Time Analyzed:** 15:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.751	4.655	4.855	524.640	500.000	4.9
Aroclor-1016-2	4.769	4.674	4.874	553.430	500.000	10.7
Aroclor-1016-3	4.827	4.731	4.931	551.220	500.000	10.2
Aroclor-1016-4	4.947	4.851	5.051	550.720	500.000	10.1
Aroclor-1016-5	5.203	5.108	5.308	584.150	500.000	16.8
Aroclor-1260-1	6.240	6.145	6.345	550.350	500.000	10.1
Aroclor-1260-2	6.430	6.333	6.533	543.410	500.000	8.7
Aroclor-1260-3	6.795	6.700	6.900	570.950	500.000	14.2
Aroclor-1260-4	7.055	6.959	7.159	542.260	500.000	8.5
Aroclor-1260-5	7.297	7.203	7.403	529.970	500.000	6.0
Decachlorobiphenyl	8.687	8.593	8.793	48.970	50.000	-2.1
Tetrachloro-m-xylene	3.667	3.569	3.769	57.760	50.000	15.5

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112865.D **Time Analyzed:** 15:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.734	4.638	4.838	522.080	500.000	4.4
Aroclor-1016-2	4.751	4.656	4.856	517.090	500.000	3.4
Aroclor-1016-3	4.926	4.831	5.031	516.260	500.000	3.3
Aroclor-1016-4	4.969	4.873	5.073	515.840	500.000	3.2
Aroclor-1016-5	5.181	5.085	5.285	527.110	500.000	5.4
Aroclor-1260-1	6.208	6.113	6.313	523.960	500.000	4.8
Aroclor-1260-2	6.396	6.302	6.502	531.850	500.000	6.4
Aroclor-1260-3	6.547	6.453	6.653	550.200	500.000	10.0
Aroclor-1260-4	7.017	6.923	7.123	543.780	500.000	8.8
Aroclor-1260-5	7.260	7.164	7.364	560.820	500.000	12.2
Decachlorobiphenyl	8.633	8.540	8.740	53.180	50.000	6.4
Tetrachloro-m-xylene	3.659	3.562	3.762	55.270	50.000	10.5

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 21:09 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.01
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.79	6.80	6.70	6.90	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.01
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 21:09 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112880.D **Time Analyzed:** 21:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.749	4.655	4.855	602.530	500.000	20.5
Aroclor-1016-2	4.767	4.674	4.874	529.340	500.000	5.9
Aroclor-1016-3	4.825	4.731	4.931	530.990	500.000	6.2
Aroclor-1016-4	4.945	4.851	5.051	538.670	500.000	7.7
Aroclor-1016-5	5.201	5.108	5.308	570.370	500.000	14.1
Aroclor-1260-1	6.238	6.145	6.345	516.390	500.000	3.3
Aroclor-1260-2	6.427	6.333	6.533	497.430	500.000	-0.5
Aroclor-1260-3	6.793	6.700	6.900	519.410	500.000	3.9
Aroclor-1260-4	7.053	6.959	7.159	517.940	500.000	3.6
Aroclor-1260-5	7.296	7.203	7.403	487.190	500.000	-2.6
Decachlorobiphenyl	8.685	8.593	8.793	44.850	50.000	-10.3
Tetrachloro-m-xylene	3.665	3.569	3.769	56.230	50.000	12.5

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112880.D **Time Analyzed:** 21:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.733	4.638	4.838	517.630	500.000	3.5
Aroclor-1016-2	4.751	4.656	4.856	517.600	500.000	3.5
Aroclor-1016-3	4.926	4.831	5.031	509.980	500.000	2.0
Aroclor-1016-4	4.969	4.873	5.073	508.980	500.000	1.8
Aroclor-1016-5	5.180	5.085	5.285	524.870	500.000	5.0
Aroclor-1260-1	6.208	6.113	6.313	512.410	500.000	2.5
Aroclor-1260-2	6.396	6.302	6.502	516.240	500.000	3.2
Aroclor-1260-3	6.547	6.453	6.653	523.480	500.000	4.7
Aroclor-1260-4	7.017	6.923	7.123	518.150	500.000	3.6
Aroclor-1260-5	7.259	7.164	7.364	539.020	500.000	7.8
Decachlorobiphenyl	8.633	8.540	8.740	51.820	50.000	3.6
Tetrachloro-m-xylene	3.659	3.562	3.762	54.700	50.000	9.4

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 09:51 **Initial Calibration Time(s):** 12:05 20:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.56	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.43	10.44	10.34	10.54	0.01

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 09:51 **Initial Calibration Time(s):** 12:05 20:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.34	5.34	5.24	5.44	0.00
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.71	6.71	6.61	6.81	0.01
Aroclor-1260-3	(3)	6.92	6.92	6.82	7.02	0.01
Aroclor-1260-4	(4)	7.17	7.18	7.08	7.28	0.01
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074302.D **Time Analyzed:** 09:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.809	5.712	5.912	541.110	500.000	8.2
Aroclor-1016-2	5.830	5.733	5.933	542.210	500.000	8.4
Aroclor-1016-3	5.894	5.796	5.996	546.140	500.000	9.2
Aroclor-1016-4	5.990	5.893	6.093	549.740	500.000	9.9
Aroclor-1016-5	6.283	6.186	6.386	547.590	500.000	9.5
Aroclor-1260-1	7.400	7.303	7.503	520.400	500.000	4.1
Aroclor-1260-2	7.653	7.555	7.755	502.220	500.000	0.4
Aroclor-1260-3	8.010	7.913	8.113	510.120	500.000	2.0
Aroclor-1260-4	8.239	8.142	8.342	508.850	500.000	1.8
Aroclor-1260-5	8.564	8.468	8.668	488.630	500.000	-2.3
Decachlorobiphenyl	10.432	10.338	10.538	50.860	50.000	1.7
Tetrachloro-m-xylene	4.657	4.560	4.760	56.700	50.000	13.4

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074302.D **Time Analyzed:** 09:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.901	4.806	5.006	583.180	500.000	16.6
Aroclor-1016-2	4.958	4.863	5.063	601.820	500.000	20.4
Aroclor-1016-3	5.080	4.983	5.183	578.000	500.000	15.6
Aroclor-1016-4	5.120	5.023	5.223	590.230	500.000	18.0
Aroclor-1016-5	5.335	5.239	5.439	592.640	500.000	18.5
Aroclor-1260-1	6.551	6.455	6.655	550.000	500.000	10.0
Aroclor-1260-2	6.705	6.609	6.809	554.960	500.000	11.0
Aroclor-1260-3	6.915	6.819	7.019	569.790	500.000	14.0
Aroclor-1260-4	7.174	7.079	7.279	581.890	500.000	16.4
Aroclor-1260-5	7.413	7.318	7.518	587.660	500.000	17.5
Decachlorobiphenyl	8.818	8.726	8.926	52.860	50.000	5.7
Tetrachloro-m-xylene	3.802	3.705	3.905	61.630	50.000	23.3

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 15:48 **Initial Calibration Time(s):** 12:05 20:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.44	10.44	10.34	10.54	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 15:48 **Initial Calibration Time(s):** 12:05 20:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.34	5.24	5.44	0.01
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.71	6.71	6.61	6.81	0.00
Aroclor-1260-3	(3)	6.92	6.92	6.82	7.02	0.00
Aroclor-1260-4	(4)	7.18	7.18	7.08	7.28	0.00
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074316.D **Time Analyzed:** 15:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.811	5.712	5.912	556.880	500.000	11.4
Aroclor-1016-2	5.832	5.733	5.933	550.560	500.000	10.1
Aroclor-1016-3	5.895	5.796	5.996	559.440	500.000	11.9
Aroclor-1016-4	5.992	5.893	6.093	563.510	500.000	12.7
Aroclor-1016-5	6.284	6.186	6.386	554.850	500.000	11.0
Aroclor-1260-1	7.401	7.303	7.503	536.530	500.000	7.3
Aroclor-1260-2	7.654	7.555	7.755	517.500	500.000	3.5
Aroclor-1260-3	8.012	7.913	8.113	522.830	500.000	4.6
Aroclor-1260-4	8.240	8.142	8.342	532.940	500.000	6.6
Aroclor-1260-5	8.565	8.468	8.668	506.790	500.000	1.4
Decachlorobiphenyl	10.436	10.338	10.538	52.310	50.000	4.6
Tetrachloro-m-xylene	4.659	4.560	4.760	57.560	50.000	15.1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2826

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074316.D **Time Analyzed:** 15:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.903	4.806	5.006	585.540	500.000	17.1
Aroclor-1016-2	4.958	4.863	5.063	555.580	500.000	11.1
Aroclor-1016-3	5.081	4.983	5.183	591.090	500.000	18.2
Aroclor-1016-4	5.122	5.023	5.223	595.870	500.000	19.2
Aroclor-1016-5	5.334	5.239	5.439	590.590	500.000	18.1
Aroclor-1260-1	6.552	6.455	6.655	580.600	500.000	16.1
Aroclor-1260-2	6.706	6.609	6.809	568.790	500.000	13.8
Aroclor-1260-3	6.917	6.819	7.019	594.280	500.000	18.9
Aroclor-1260-4	7.175	7.079	7.279	583.960	500.000	16.8
Aroclor-1260-5	7.414	7.318	7.518	585.850	500.000	17.2
Decachlorobiphenyl	8.820	8.726	8.926	55.460	50.000	10.9
Tetrachloro-m-xylene	3.802	3.705	3.905	59.630	50.000	19.3

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: G Environmental **SDG No.:** Q2826

Project: Ave B **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.69	3.67
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.70	3.67
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.69	3.67
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.69	3.67
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.69	3.67
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.69	3.67
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.69	3.67
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.69	3.67
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.69	3.67
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.69	3.67
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.69	3.67
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.69	3.67
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.70	3.67
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.69	3.67
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.69	3.67
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.69	3.67
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.70	3.67
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.69	3.67
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.69	3.67
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.69	3.67
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.70	3.67
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.69	3.67
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.69	3.67
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.70	3.67
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.70	3.67
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.70	3.67
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.70	3.67
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.69	3.67
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.70	3.67
AR1660CCC500	AR1660CCC500	08/12/2025	15:50	PO112865.D	8.69	3.67
I.BLK	I.BLK	08/12/2025	17:00	PO112869.D	8.69	3.67
WC1	Q2826-01	08/12/2025	17:56	PO112872.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/12/2025	21:09	PO112880.D	8.69	3.67
I.BLK	I.BLK	08/12/2025	22:56	PO112884.D	8.69	3.67
I.BLK	I.BLK	08/01/2025	11:49	PP074167.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	08/01/2025	12:05	PP074168.D	10.44	4.66
AR1660ICC750	AR1660ICC750	08/01/2025	12:22	PP074169.D	10.44	4.66
AR1660ICC500	AR1660ICC500	08/01/2025	12:38	PP074170.D	10.44	4.66
AR1660ICC250	AR1660ICC250	08/01/2025	12:54	PP074171.D	10.44	4.66
AR1660ICC050	AR1660ICC050	08/01/2025	13:42	PP074172.D	10.44	4.66
AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	10.44	4.66
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	10.44	4.66

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	10.44	4.66
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	10.44	4.66
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	10.43	4.66
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	10.44	4.66
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	10.43	4.66
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	10.43	4.66
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	10.43	4.66
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	10.43	4.66
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	10.43	4.66
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	10.43	4.66
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	10.43	4.66
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	10.43	4.66
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	10.43	4.66
AR1660CCC500	AR1660CCC500	08/12/2025	09:51	PP074302.D	10.43	4.66
I.BLK	I.BLK	08/12/2025	10:43	PP074305.D	10.44	4.66
PB169205BL	PB169205BL	08/12/2025	12:48	PP074308.D	10.44	4.66
PB169205BS	PB169205BS	08/12/2025	13:05	PP074309.D	10.44	4.66
BIN0009-DRIVEWAY-TP-SOUTH-EAST	Q2830-01MS	08/12/2025	13:37	PP074311.D	10.44	4.66
BIN0009-DRIVEWAY-TP-SOUTH-EAST	Q2830-01MSD	08/12/2025	13:53	PP074312.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/12/2025	15:48	PP074316.D	10.44	4.66
I.BLK	I.BLK	08/12/2025	16:53	PP074319.D	10.43	4.66

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: G Environmental **SDG No.:** Q2826

Project: Ave B **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.64	3.66
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.64	3.66
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.64	3.66
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.64	3.66
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.64	3.66
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.64	3.66
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.64	3.66
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.64	3.66
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.64	3.66
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.64	3.66
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.64	3.66
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.64	3.66
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.64	3.66
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.64	3.66
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.64	3.66
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.64	3.66
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.64	3.66
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.64	3.66
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.64	3.66
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.64	3.66
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.64	3.66
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.64	3.66
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.64	3.66
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.64	3.66
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.64	3.66
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.64	3.66
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.64	3.66
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.64	3.66
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.64	3.66
AR1660CCC500	AR1660CCC500	08/12/2025	15:50	PO112865.D	8.63	3.66
I.BLK	I.BLK	08/12/2025	17:00	PO112869.D	8.63	3.66
WC1	Q2826-01	08/12/2025	17:56	PO112872.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/12/2025	21:09	PO112880.D	8.63	3.66
I.BLK	I.BLK	08/12/2025	22:56	PO112884.D	8.63	3.66
I.BLK	I.BLK	08/01/2025	11:49	PP074167.D	8.83	3.80
AR1660ICC1000	AR1660ICC1000	08/01/2025	12:05	PP074168.D	8.83	3.81
AR1660ICC750	AR1660ICC750	08/01/2025	12:22	PP074169.D	8.83	3.80
AR1660ICC500	AR1660ICC500	08/01/2025	12:38	PP074170.D	8.83	3.81
AR1660ICC250	AR1660ICC250	08/01/2025	12:54	PP074171.D	8.83	3.81
AR1660ICC050	AR1660ICC050	08/01/2025	13:42	PP074172.D	8.83	3.80
AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	8.83	3.80
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	8.83	3.80

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	8.83	3.80
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	8.82	3.80
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	8.83	3.81
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	8.82	3.81
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	8.82	3.80
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	8.82	3.81
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	8.82	3.81
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	8.82	3.80
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	8.82	3.80
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	8.82	3.80
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	8.82	3.80
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	8.82	3.80
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/12/2025	09:51	PP074302.D	8.82	3.80
I.BLK	I.BLK	08/12/2025	10:43	PP074305.D	8.82	3.81
PB169205BL	PB169205BL	08/12/2025	12:48	PP074308.D	8.82	3.80
PB169205BS	PB169205BS	08/12/2025	13:05	PP074309.D	8.82	3.80
BIN0009-DRIVEWAY-TP-SOUTH-EAST	Q2830-01MS	08/12/2025	13:37	PP074311.D	8.82	3.80
BIN0009-DRIVEWAY-TP-SOUTH-EAST	Q2830-01MSD	08/12/2025	13:53	PP074312.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/12/2025	15:48	PP074316.D	8.82	3.80
I.BLK	I.BLK	08/12/2025	16:53	PP074319.D	8.82	3.80

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

WC1

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab Sample ID: Q2826-01 Date(s) Analyzed: 08/12/2025 08/12/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO112872.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.561	5.511	5.611	54.9		
	2	5.706	5.656	5.756	40.4		
	3	6.109	6.059	6.159	34.6		
COLUMN 1	4	6.339	6.289	6.389	21.1		
	5	6.757	6.707	6.807	46.1	39.4	
	1	5.534	5.484	5.584	55.9		
	2	5.678	5.628	5.728	35.2		
	3	6.078	6.028	6.128	36.1		
	4	6.304	6.254	6.354	20.7		
COLUMN 2	5	6.721	6.671	6.771	48.8	39.4	0

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169205BS

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab Sample ID: PB169205BS Date(s) Analyzed: 08/12/2025 08/12/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP074309.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.809	5.759	5.859	183		
	2	5.83	5.78	5.88	187		
	3	5.893	5.843	5.943	187		
COLUMN 1	4	5.99	5.94	6.04	188		
	5	6.283	6.233	6.333	180	185	
	1	4.902	4.852	4.952	191		
	2	4.959	4.909	5.009	185		
	3	5.08	5.03	5.13	176		
	4	5.121	5.071	5.171	172		
COLUMN 2	5	5.334	5.284	5.384	191	183	1.09
Aroclor-1260	1	7.401	7.351	7.451	183		
	2	7.653	7.603	7.703	176		
	3	8.012	7.962	8.062	152		
COLUMN 1	4	8.238	8.188	8.288	165		
	5	8.566	8.516	8.616	150	165	
	1	6.551	6.501	6.601	195		
	2	6.706	6.656	6.756	195		
	3	6.915	6.865	6.965	173		
	4	7.175	7.125	7.225	171		
COLUMN 2	5	7.415	7.365	7.465	168	180	8.7

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

BIN0009-DRIVEWAY-TP

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q2826
Lab Sample ID: Q2830-01MS
Date(s) Analyzed: 08/12/2025 08/12/2025
Instrument ID (1): ECD_P
Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP074311.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.809	5.759	5.859	200		
	2	5.831	5.781	5.881	201		
	3	5.894	5.844	5.944	200		
COLUMN 1	4	5.991	5.941	6.041	209		
	5	6.283	6.233	6.333	195	201	
	1	4.901	4.851	4.951	213		
	2	4.958	4.908	5.008	215		
	3	5.079	5.029	5.129	219		
	4	5.119	5.069	5.169	206		
COLUMN 2	5	5.334	5.284	5.384	212	213	5.8
Aroclor-1260	1	7.4	7.35	7.45	191		
	2	7.653	7.603	7.703	183		
	3	8.012	7.962	8.062	157		
COLUMN 1	4	8.238	8.188	8.288	181		
	5	8.566	8.516	8.616	155	173	
	1	6.55	6.5	6.6	196		
	2	6.704	6.654	6.754	193		
	3	6.914	6.864	6.964	172		
	4	7.175	7.125	7.225	175		
COLUMN 2	5	7.413	7.363	7.463	170	181	4.52

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

BIN0009-DRIVEWAY-TP

Lab Name:	Alliance	Contract:	GENV01
Lab Code:	ACE	SDG NO.:	Q2826
Lab Sample ID:	Q2830-01MSD	Date(s) Analyzed:	08/12/2025 08/12/2025
Instrument ID (1):	ECD_P	Instrument ID (2):	ECD_P
GC Column: (1):	ZB-MR1 ID: 0.32 (mm)	GC Column:(2):	ZB-MR2 ID: 0.32 (mm)
Data file	PP074312.D		

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.811	5.761	5.861	205		
	2	5.832	5.782	5.882	202		
	3	5.895	5.845	5.945	204		
COLUMN 1	4	5.992	5.942	6.042	256		
	5	6.284	6.234	6.334	199	213	
	1	4.904	4.854	4.954	220		
	2	4.961	4.911	5.011	222		
	3	5.081	5.031	5.131	215		
	4	5.122	5.072	5.172	218		
COLUMN 2	5	5.337	5.287	5.387	219	219	2.78
Aroclor-1260	1	7.402	7.352	7.452	197		
	2	7.654	7.604	7.704	186		
	3	8.012	7.962	8.062	160		
COLUMN 1	4	8.239	8.189	8.289	183		
	5	8.565	8.515	8.615	159	177	
	1	6.552	6.502	6.602	206		
	2	6.707	6.657	6.757	201		
	3	6.916	6.866	6.966	178		
	4	7.176	7.126	7.226	180		
COLUMN 2	5	7.415	7.365	7.465	176	188	6.03

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 17:56
Operator : YP/AJ
Sample : Q2826-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WC1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:41:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.667	3.659	170.5E6	100.8E6	20.965	20.295
2)	SA Decachlor...	8.687	8.632	119.2E6	32863816	16.303	18.597
	Target Compounds						
26)	L6 AR-1254-1	5.561	5.534	79872674	48707150	145.499	148.217
27)	L6 AR-1254-2	5.706	5.678	52045990	27016272	107.108	93.323
28)	L6 AR-1254-3	6.109	6.078	68264954	40928487	91.719	95.748
29)	L6 AR-1254-4	6.339	6.304	30749467	14989535	55.938	54.914
30)	L6 AR-1254-5	6.757	6.721	86471053	43233985	122.165	129.435

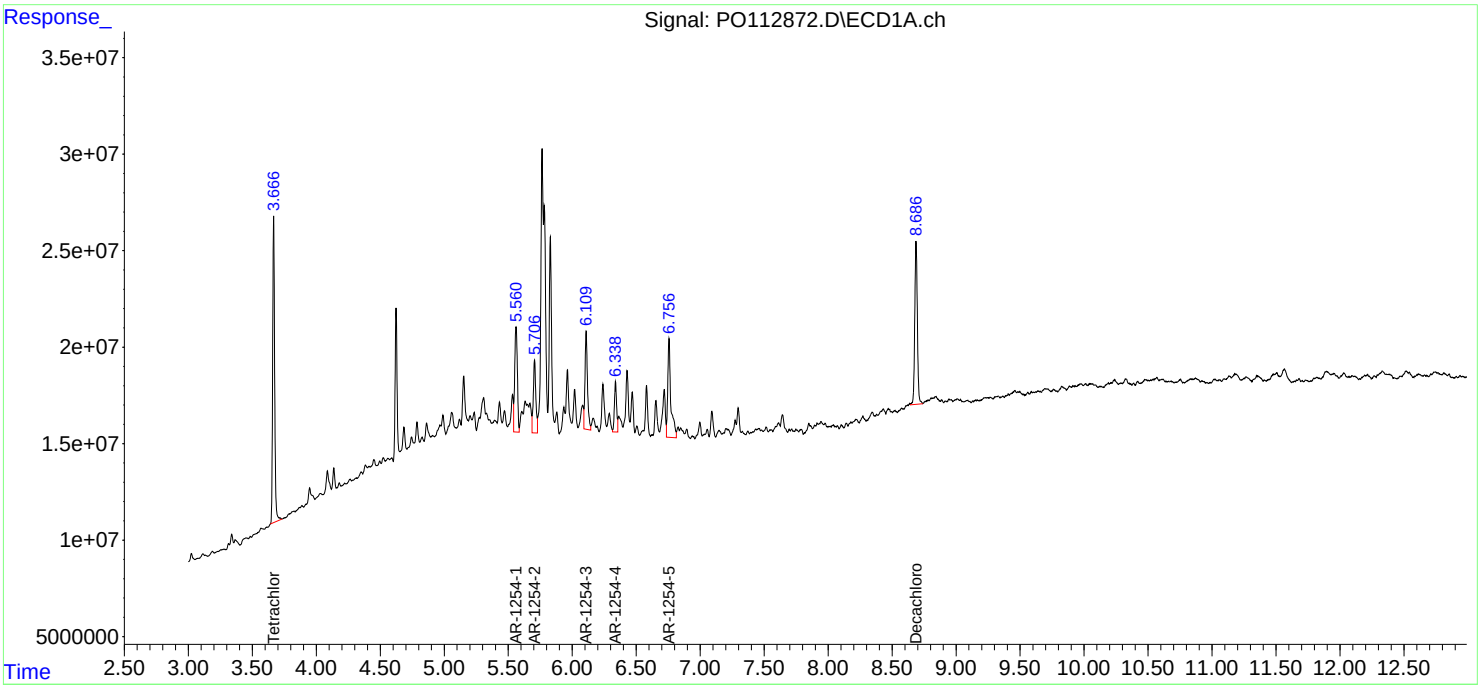
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

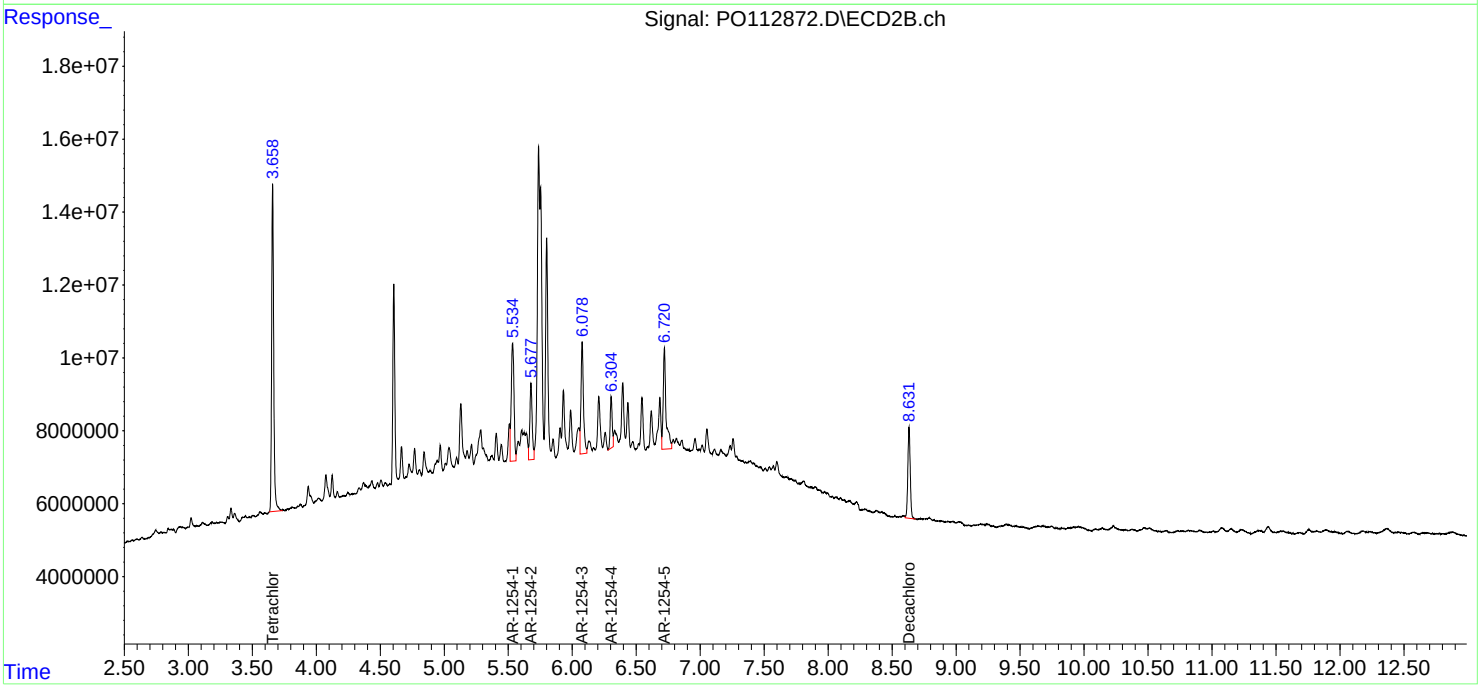
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 17:56
Operator : YP/AJ
Sample : Q2826-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

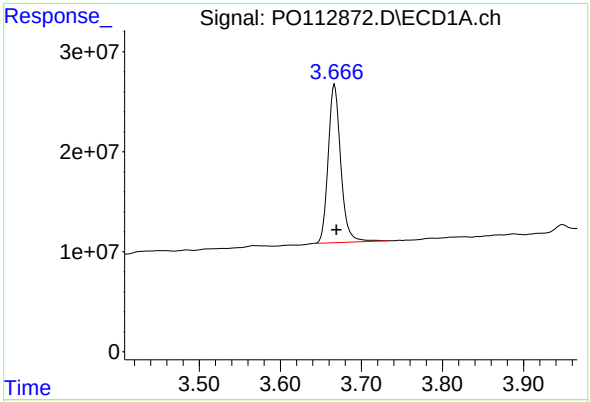
Instrument :
ECD_O
ClientSampleId :
WC1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:41:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



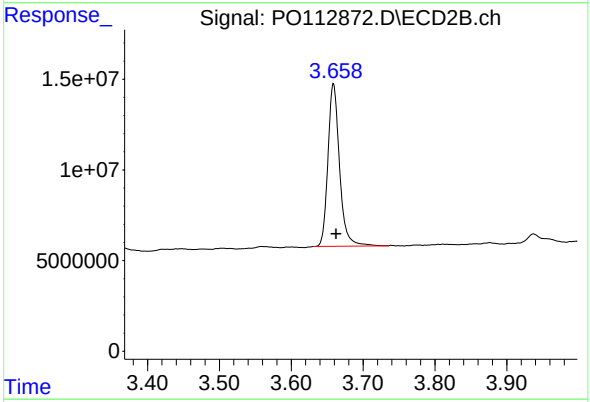




#1 Tetrachloro-m-xylene

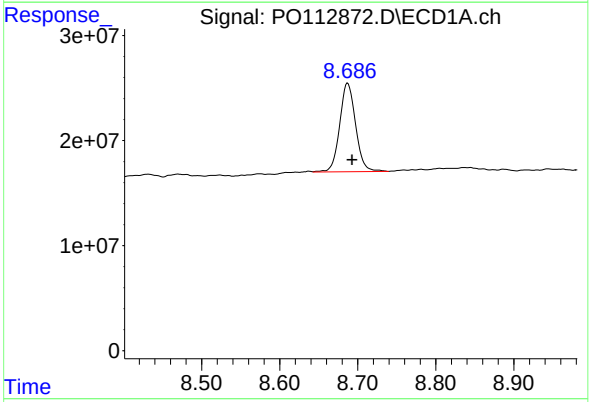
R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 170475146
Conc: 20.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC1



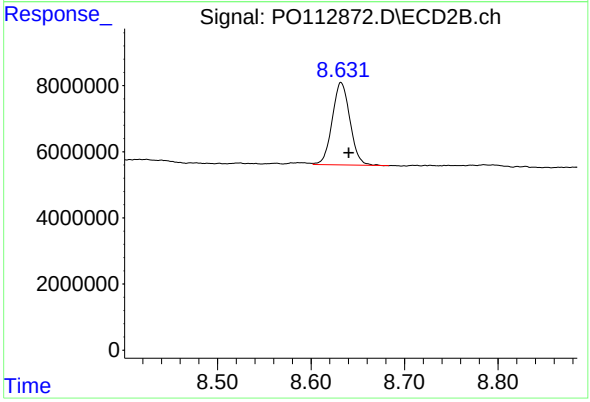
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 100847382
Conc: 20.29 ng/ml



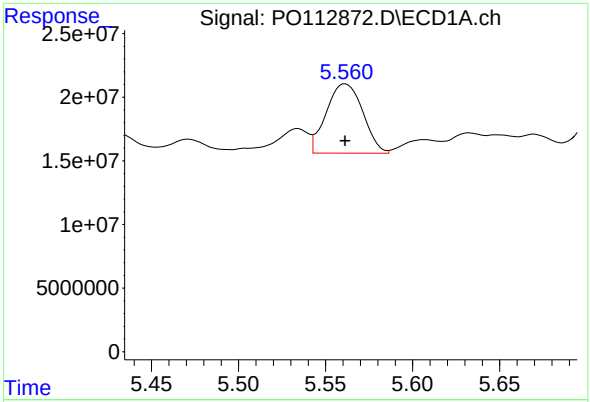
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 119207199
Conc: 16.30 ng/ml



#2 Decachlorobiphenyl

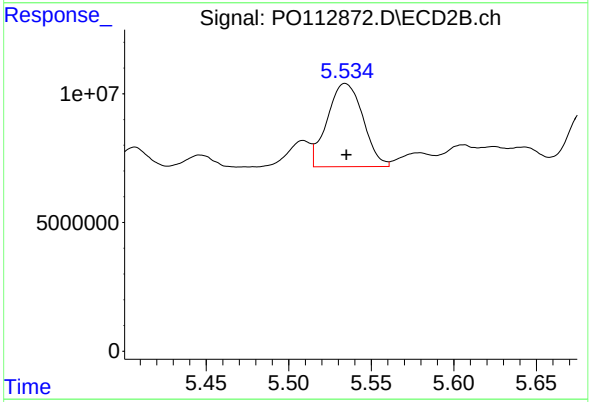
R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 32863816
Conc: 18.60 ng/ml



#26 AR-1254-1

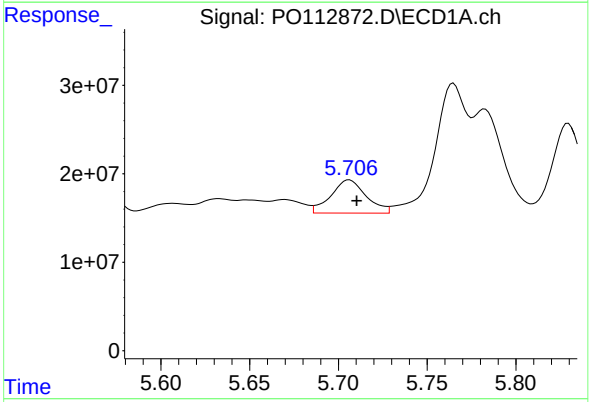
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 79872674
Conc: 145.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC1



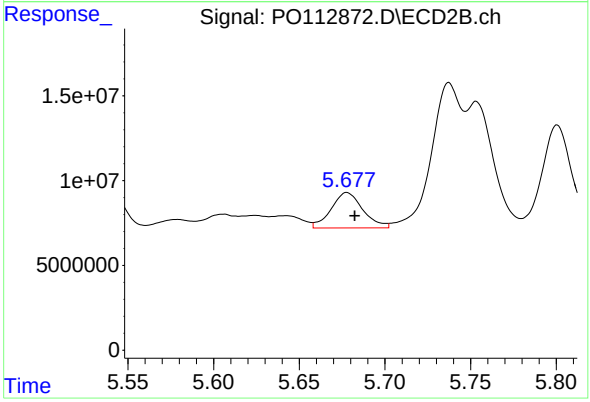
#26 AR-1254-1

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 48707150
Conc: 148.22 ng/ml



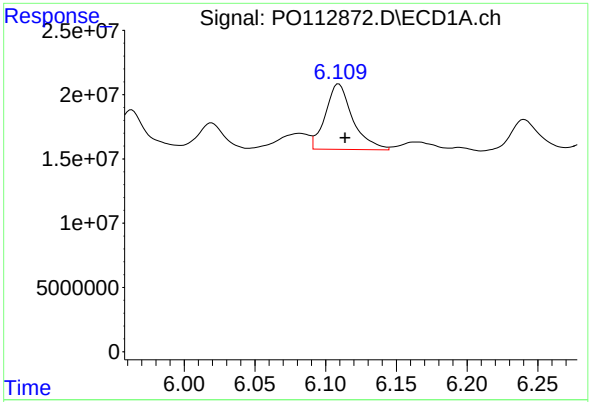
#27 AR-1254-2

R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 52045990
Conc: 107.11 ng/ml



#27 AR-1254-2

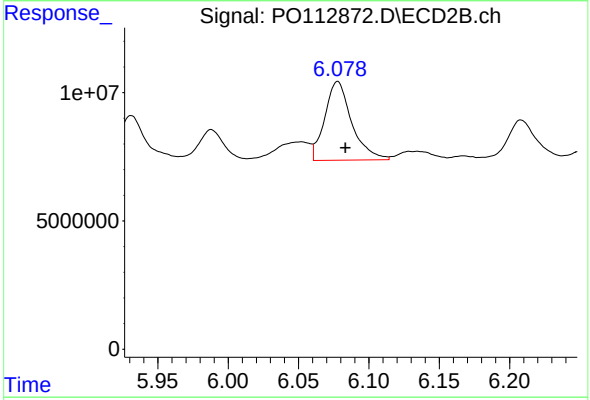
R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 27016272
Conc: 93.32 ng/ml



#28 AR-1254-3

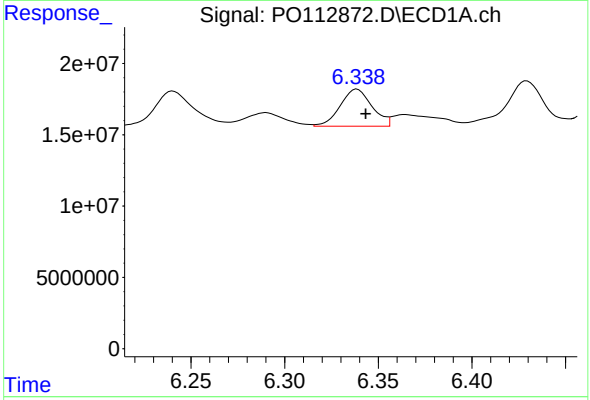
R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 68264954
Conc: 91.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC1



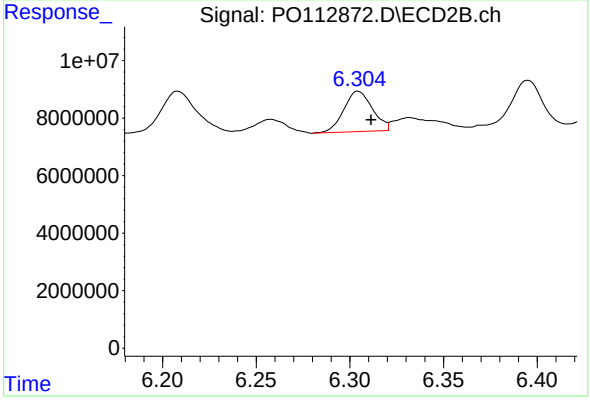
#28 AR-1254-3

R.T.: 6.078 min
Delta R.T.: -0.005 min
Response: 40928487
Conc: 95.75 ng/ml



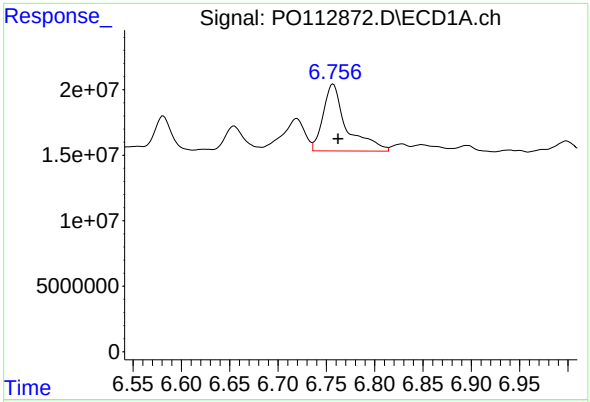
#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 30749467
Conc: 55.94 ng/ml



#29 AR-1254-4

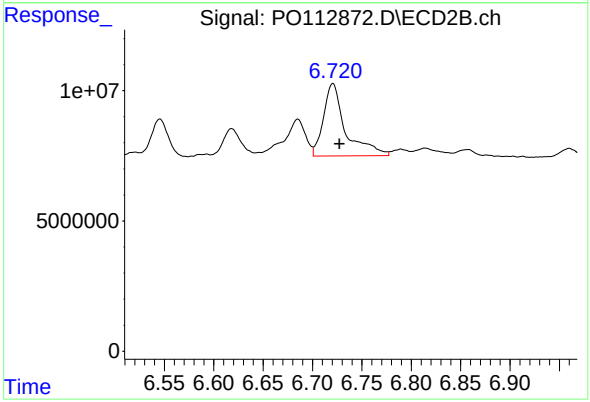
R.T.: 6.304 min
Delta R.T.: -0.007 min
Response: 14989535
Conc: 54.91 ng/ml



#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 86471053
Conc: 122.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC1



#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: -0.007 min
Response: 43233985
Conc: 129.44 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 12:48
Operator : YP\AJ
Sample : PB169205BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169205BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 13:31:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.798	25834612	77167851	23.102	20.125
2)	SA Decachlor...	10.439	8.817	21524564	120.6E6	22.164	20.052
	Target Compounds						

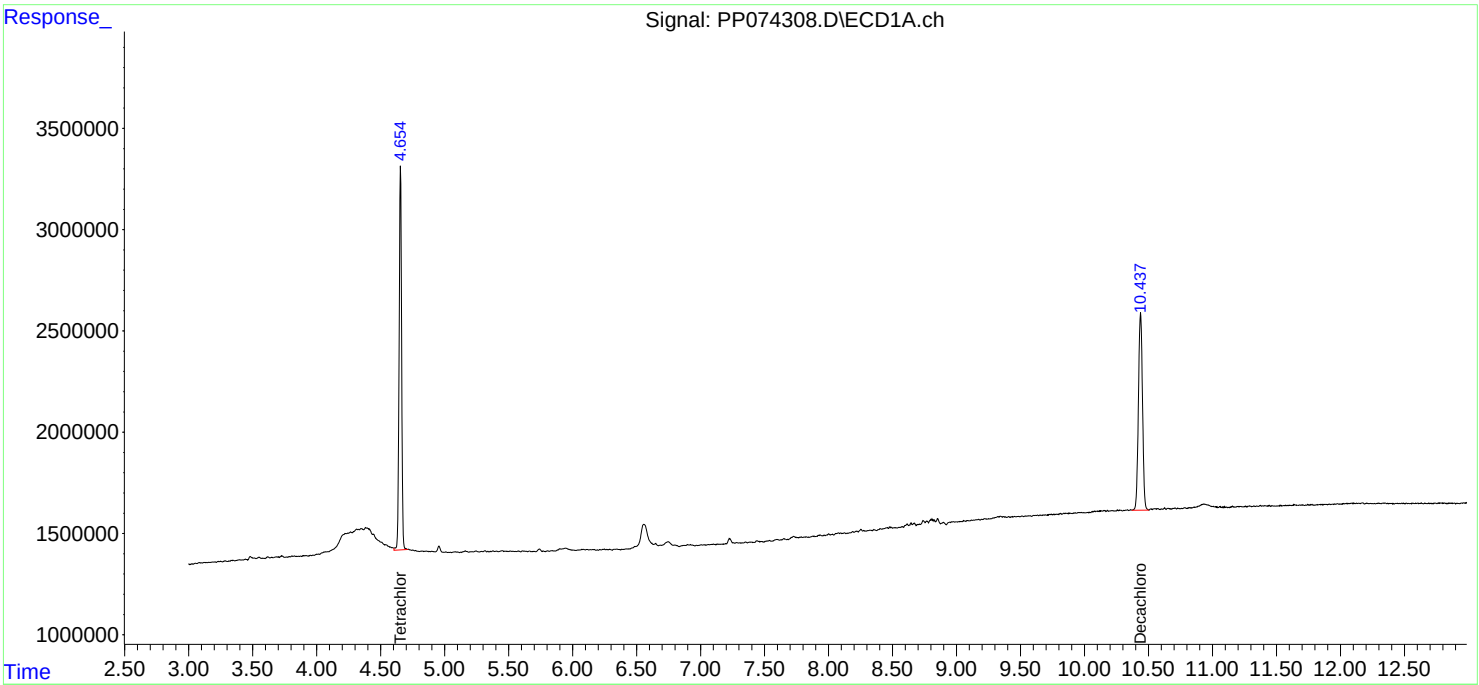
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

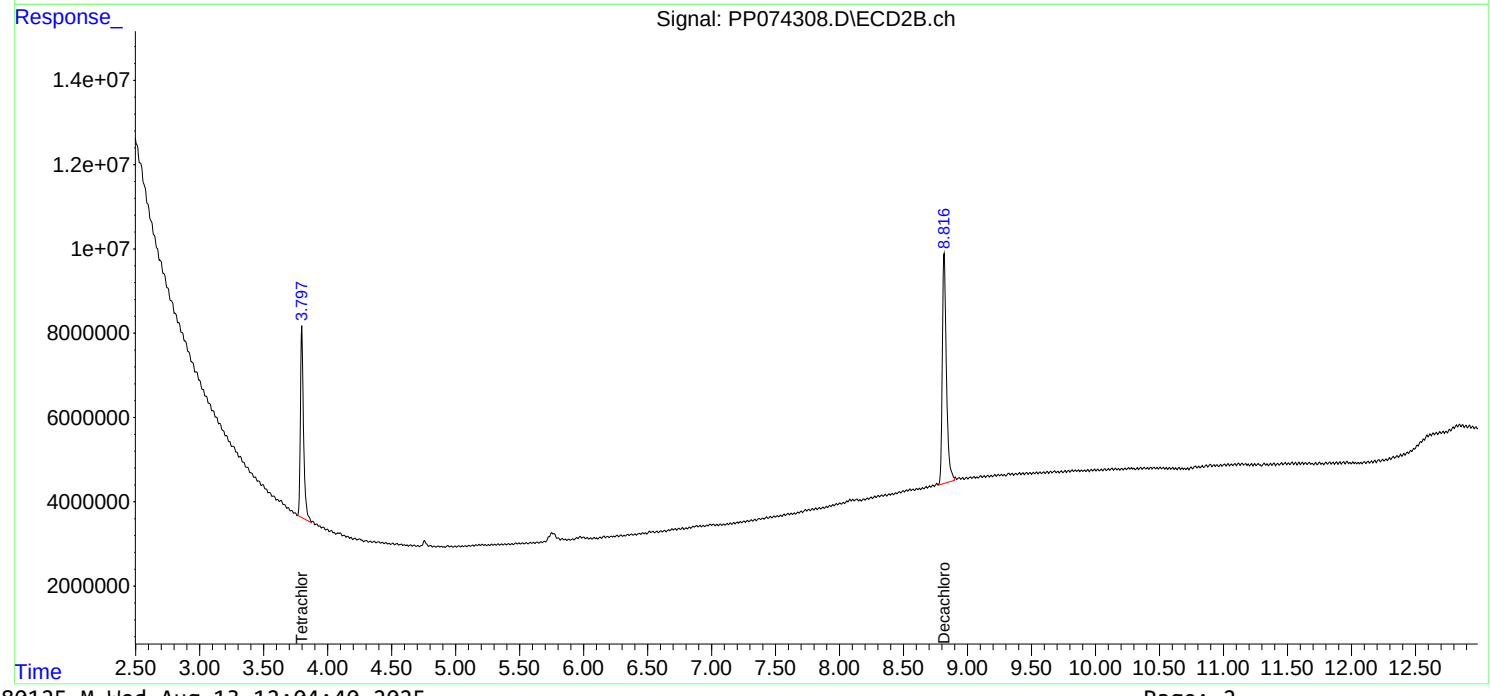
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 12:48
Operator : YP\AJ
Sample : PB169205BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

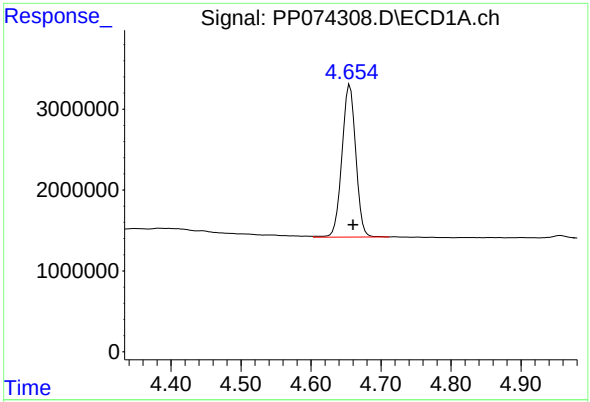
Instrument :
ECD_P
ClientSampleId :
PB169205BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 13:31:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



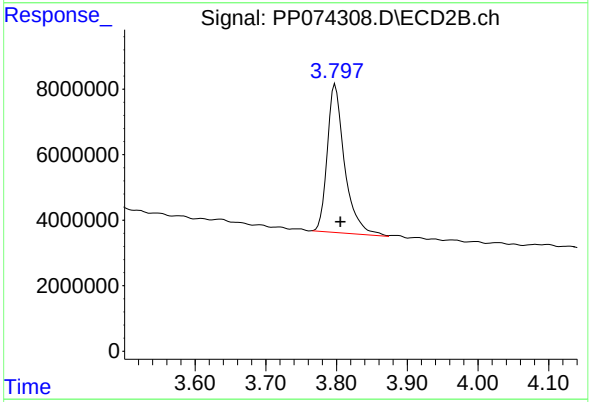




#1 Tetrachloro-m-xylene

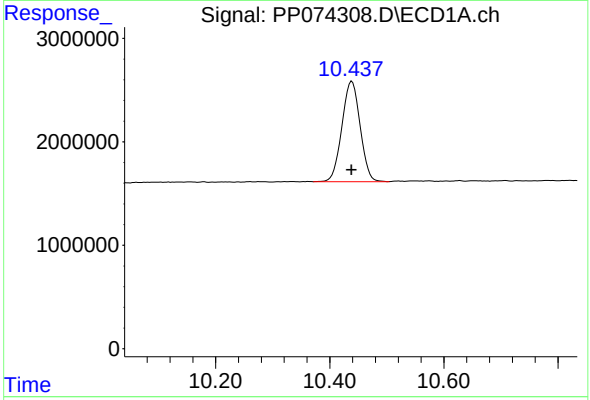
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 25834612
Conc: 23.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BL



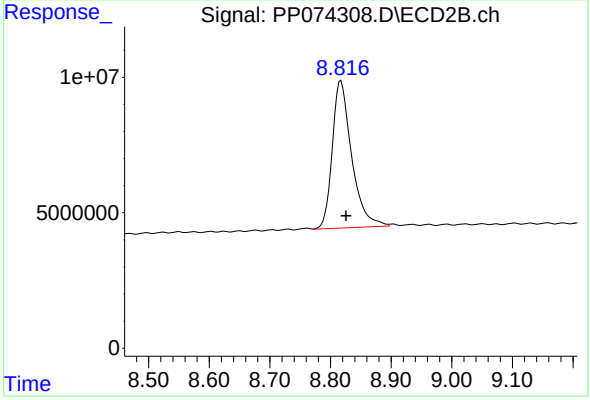
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: -0.007 min
Response: 77167851
Conc: 20.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.000 min
Response: 21524564
Conc: 22.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: -0.009 min
Response: 120583654
Conc: 20.05 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:05
Operator : YP\AJ
Sample : PB169205BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169205BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 13:31:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.801	27178701	79780335	24.303	20.806
2)	SA Decachlor...	10.438	8.821	21836747	120.3E6	22.485	20.000
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.902	22669527	228.6E6	549.474	573.187
4)	L1 AR-1016-2	5.830	4.959	34110297	104.5E6	561.563	556.666
5)	L1 AR-1016-3	5.893	5.080	22276842	56001049	561.688	527.965
6)	L1 AR-1016-4	5.990	5.121	18317589	56446484	562.848	516.814
7)	L1 AR-1016-5	6.283	5.334	17574695	66942868	541.292	572.341
31)	L7 AR-1260-1	7.401	6.551	31033148	236.1E6	550.662	584.486
32)	L7 AR-1260-2	7.653	6.706	36070118	182.5E6	529.257	583.716
33)	L7 AR-1260-3	8.012	6.915	24314378	204.9E6	456.215	519.977
34)	L7 AR-1260-4	8.238	7.175	30953569	149.4E6	494.348m	513.385
35)	L7 AR-1260-5	8.566	7.415	51128845	382.8E6	451.250	505.423

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

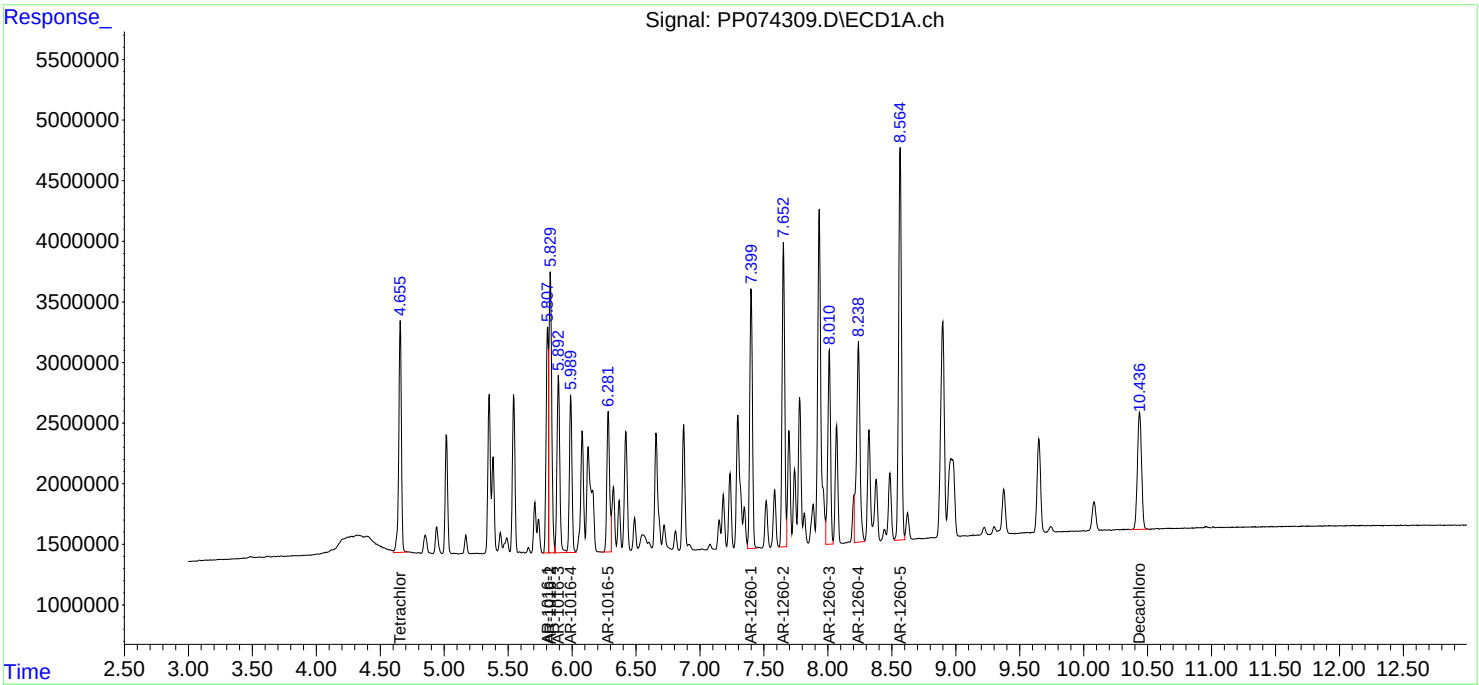
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:05
Operator : YP\AJ
Sample : PB169205BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

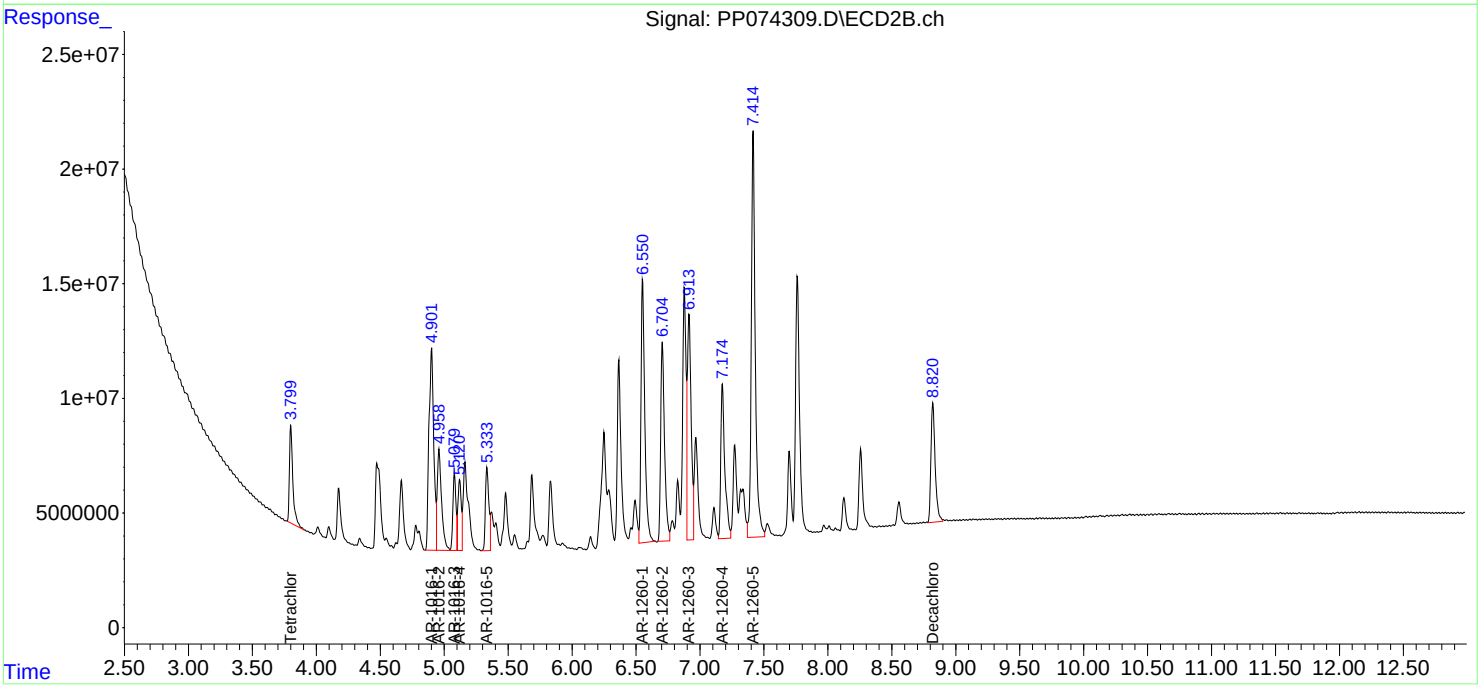
Instrument :
ECD_P
ClientSampleId :
PB169205BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 13:31:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:37
Operator : YP\AJ
Sample : Q2830-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.800	26250208	84433109	23.473m	22.020
2)	SA Decachlor...	10.437	8.820	19335273	105.2E6	19.909	17.488
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.901	21480557	221.4E6	520.655	555.093
4)	L1 AR-1016-2	5.831	4.958	31794685	105.4E6	523.441	561.178
5)	L1 AR-1016-3	5.894	5.079	20638950	60560553	520.390	570.951
6)	L1 AR-1016-4	5.991	5.119	17736155	58694992	544.982	537.401
7)	L1 AR-1016-5	6.283	5.334	16474757	64653966	507.414	552.772
31)	L7 AR-1260-1	7.400	6.550	28140334	207.0E6	499.331	512.404
32)	L7 AR-1260-2	7.653	6.704	32575808	157.6E6	477.985	503.902
33)	L7 AR-1260-3	8.012	6.914	21771827	176.5E6	408.508	447.876
34)	L7 AR-1260-4	8.238	7.175	29533684	132.7E6	471.671m	455.876
35)	L7 AR-1260-5	8.566	7.413	45863963	335.1E6	404.784	442.376

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:37
Operator : YP\AJ
Sample : Q2830-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

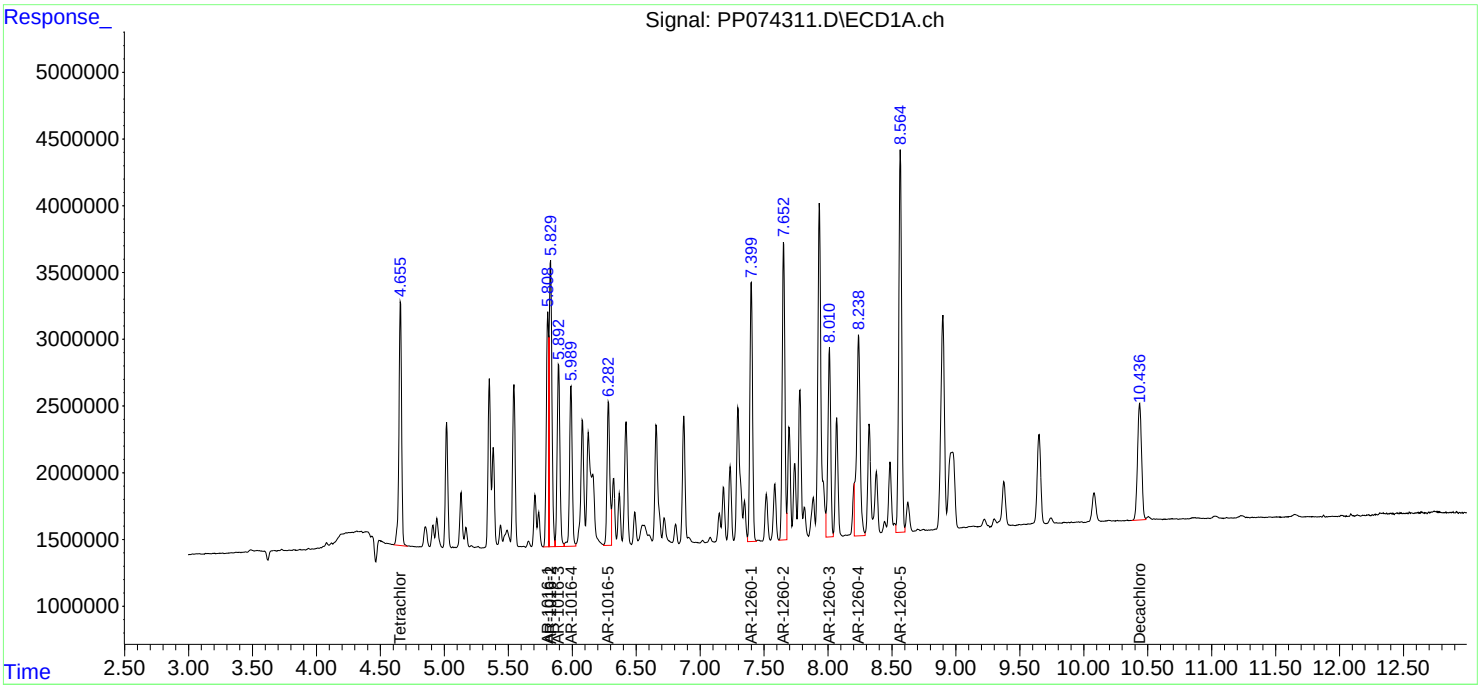
Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

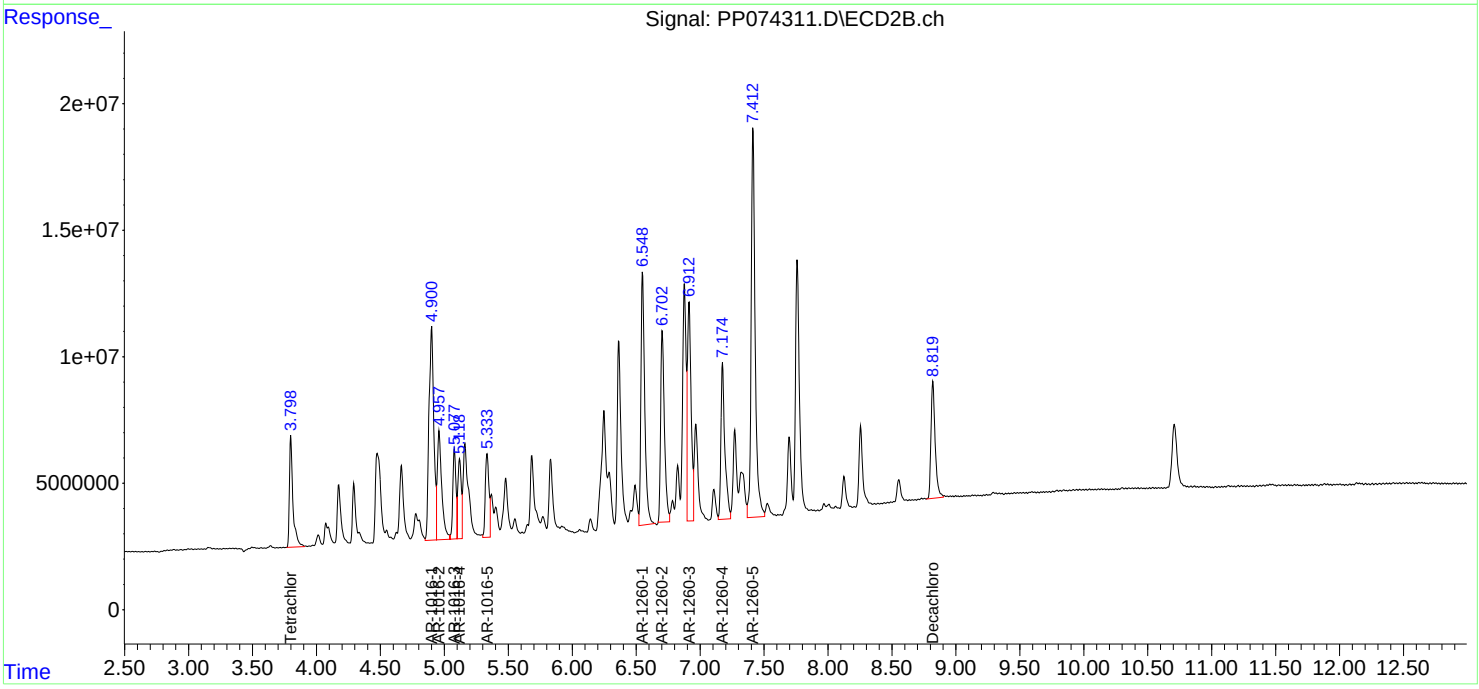
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:53
Operator : YP\AJ
Sample : Q2830-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.803	26034862	84782674	23.281m	22.111
2)	SA Decachlor...	10.435	8.820	19291425	107.3E6	19.864m	17.849
	Target Compounds						
3)	L1 AR-1016-1	5.811	4.904	22025300	229.5E6	533.859	575.363
4)	L1 AR-1016-2	5.832	4.961	31957321	109.0E6	526.118	580.403
5)	L1 AR-1016-3	5.895	5.081	21162376	59483478	533.588	560.796
6)	L1 AR-1016-4	5.992	5.122	21722805	62077143	667.481	568.368
7)	L1 AR-1016-5	6.284	5.337	16835913	66799585	518.538	571.116
31)	L7 AR-1260-1	7.402	6.552	28910383	216.7E6	512.995	536.408
32)	L7 AR-1260-2	7.654	6.707	33152517	164.0E6	486.447	524.348
33)	L7 AR-1260-3	8.012	6.916	22216794	183.6E6	416.857	465.809
34)	L7 AR-1260-4	8.239	7.176	29914044	137.0E6	477.746m	470.828
35)	L7 AR-1260-5	8.565	7.415	47018435	347.3E6	414.973	458.490

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

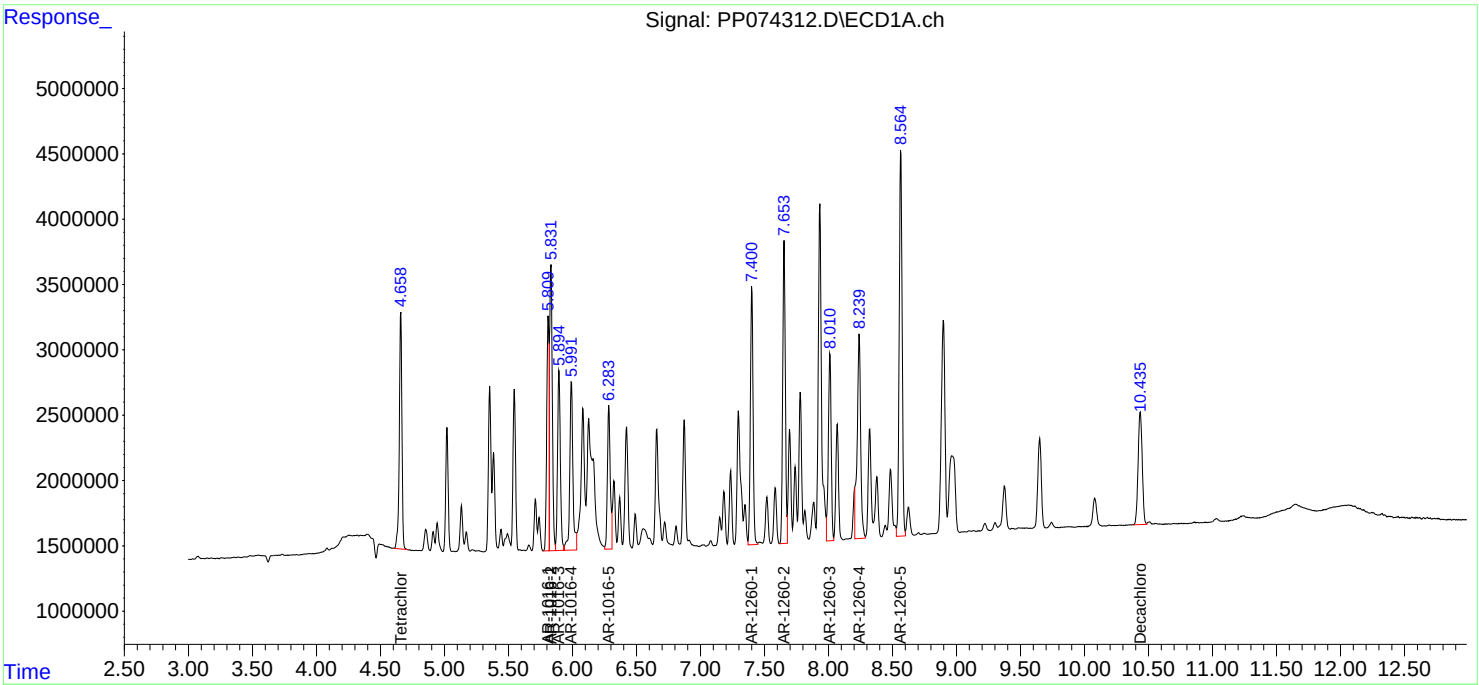
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:53
Operator : YP\AJ
Sample : Q2830-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

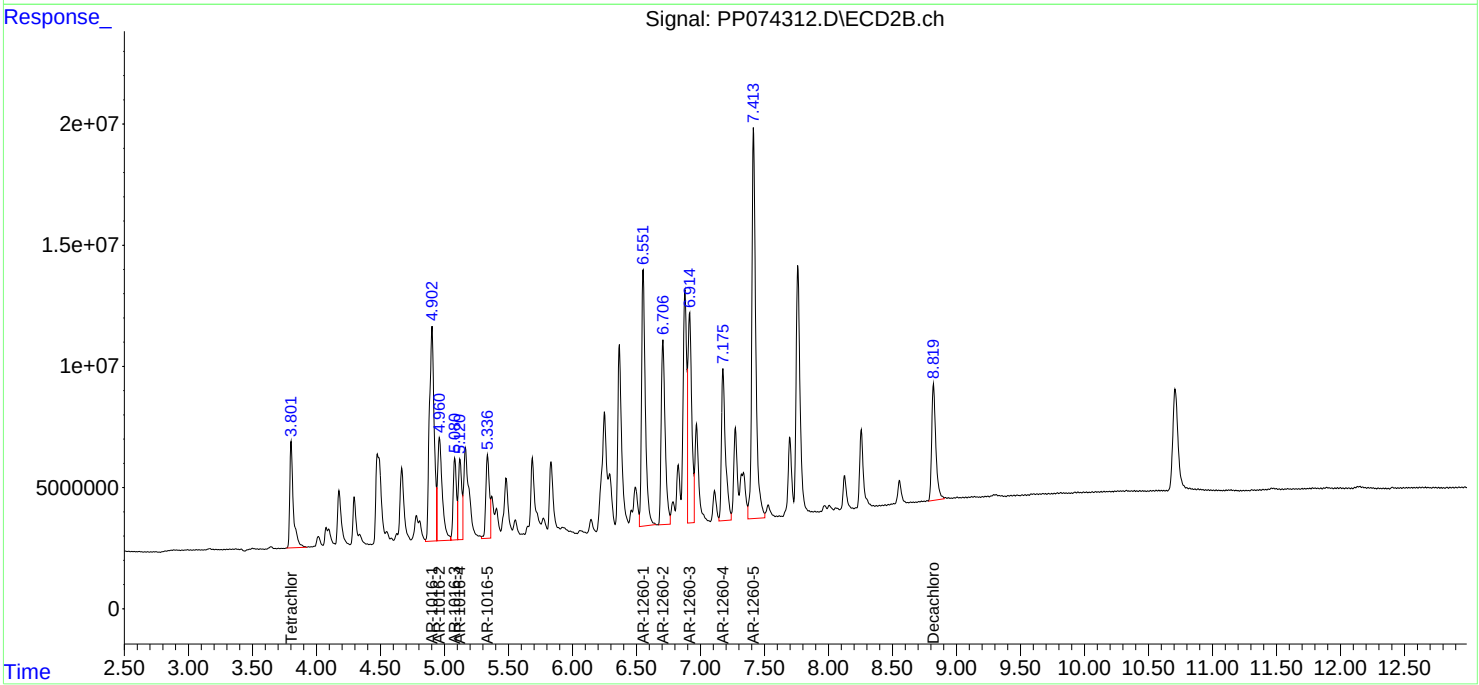
Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PO072325	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO112417.D	AR-1260-1	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC250	PO112417.D	AR-1260-1 #2	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC250	PO112417.D	AR-1260-2	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC250	PO112417.D	AR-1260-3 #2	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1016-5	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1016-5 #2	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1260-1 #2	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1260-3 #2	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC250	PO112424.D	AR-1242-5	yogesh	7/24/2025 7:42:53 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC250	PO112424.D	AR-1242-5 #2	yogesh	7/24/2025 7:42:53 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC050	PO112425.D	AR-1242-5	yogesh	7/24/2025 7:42:55 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC050	PO112425.D	AR-1242-5 #2	yogesh	7/24/2025 7:42:55 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC050	PO112425.D	Tetrachloro-m-xylene #2	yogesh	7/24/2025 7:42:55 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PO072325	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248ICC050	PO112430.D	AR-1248-4	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1248ICC050	PO112430.D	AR-1248-4 #2	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1248ICC050	PO112430.D	AR-1248-5	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1248ICC050	PO112430.D	AR-1248-5 #2	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-1	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-1 #2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-2 #2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-3 #2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PO081225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112850.D	AR-1016-1	yogesh	8/13/2025 11:49:43 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112850.D	AR-1016-2	yogesh	8/13/2025 11:49:43 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112850.D	AR-1016-3 #2	yogesh	8/13/2025 11:49:43 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112850.D	AR-1016-4 #2	yogesh	8/13/2025 11:49:43 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112850.D	AR-1260-3 #2	yogesh	8/13/2025 11:49:43 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112851.D	AR-1242-1	yogesh	8/13/2025 11:49:45 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112851.D	AR-1242-2	yogesh	8/13/2025 11:49:45 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112851.D	AR-1242-3 #2	yogesh	8/13/2025 11:49:45 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1248CCC500	PO112852.D	AR-1248-1	yogesh	8/13/2025 11:49:47 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112865.D	AR-1016-1	yogesh	8/13/2025 11:49:48 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112865.D	AR-1016-2	yogesh	8/13/2025 11:49:48 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112865.D	AR-1260-3 #2	yogesh	8/13/2025 11:49:48 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112866.D	AR-1242-1	yogesh	8/13/2025 11:49:52 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PO081225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PO112866.D	AR-1242-2	yogesh	8/13/2025 11:49:52 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112866.D	AR-1242-3 #2	yogesh	8/13/2025 11:49:52 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112880.D	AR-1016-1	yogesh	8/13/2025 11:49:56 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112880.D	AR-1016-2	yogesh	8/13/2025 11:49:56 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112880.D	AR-1260-3 #2	yogesh	8/13/2025 11:49:56 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112881.D	AR-1242-1	yogesh	8/13/2025 11:49:58 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112881.D	AR-1242-2	yogesh	8/13/2025 11:49:58 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112890.D	AR-1016-1	yogesh	8/13/2025 11:50:01 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112890.D	AR-1016-2	yogesh	8/13/2025 11:50:01 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112891.D	AR-1242-1	yogesh	8/13/2025 11:50:03 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112891.D	AR-1242-2	yogesh	8/13/2025 11:50:03 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112891.D	AR-1242-3 #2	yogesh	8/13/2025 11:50:03 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112891.D	AR-1242-4 #2	yogesh	8/13/2025 11:50:03 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PO081225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO112893.D	AR-1254-1	yogesh	8/13/2025 7:36:58 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1254CCC500	PO112893.D	AR-1254-2	yogesh	8/13/2025 7:36:58 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP074171.D	AR-1016-5	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC250	PP074171.D	AR-1260-1	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC250	PP074171.D	AR-1260-2	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-2 #2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-4	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	Tetrachloro-m-xylene #2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1232ICC500	PP074174.D	AR-1232-4 #2	yogesh	8/5/2025 7:22:20 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC1000	PP074175.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:22 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC750	PP074176.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:24 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC500	PP074177.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:27 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC250	PP074178.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:29 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC250	PP074178.D	AR-1242-5	yogesh	8/5/2025 7:22:29 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	AR-1242-5	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	Tetrachloro-m-xylene #2	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1248ICC500	PP074182.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:38 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC1000	PP074185.D	AR-1254-1	yogesh	8/5/2025 7:22:44 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC1000	PP074185.D	AR-1254-5 #2	yogesh	8/5/2025 7:22:44 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC750	PP074186.D	AR-1254-1	yogesh	8/5/2025 7:22:45 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC500	PP074187.D	AR-1254-1	yogesh	8/5/2025 7:22:47 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC250	PP074188.D	AR-1254-1	yogesh	8/5/2025 7:22:49 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC050	PP074189.D	AR-1254-1	yogesh	8/5/2025 7:22:51 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICV500	PP074197.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:52 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1248ICV500	PP074198.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:54 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICV500	PP074199.D	AR-1254-1	yogesh	8/8/2025 7:32:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PP081225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074303.D	AR-1242-3 #2	yogesh	8/13/2025 7:35:08 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074303.D	AR-1242-4 #2	yogesh	8/13/2025 7:35:08 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074304.D	AR-1254-1	yogesh	8/13/2025 7:35:10 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074304.D	AR-1254-1 #2	yogesh	8/13/2025 7:35:10 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074304.D	AR-1254-3 #2	yogesh	8/13/2025 7:35:10 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
PB169205BS	PP074309.D	AR-1260-4	yogesh	8/13/2025 7:35:14 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
Q2830-01MS	PP074311.D	AR-1260-4	yogesh	8/13/2025 7:35:18 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
Q2830-01MS	PP074311.D	Tetrachloro-m-xylene	yogesh	8/13/2025 7:35:18 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
Q2830-01MSD	PP074312.D	AR-1260-4	yogesh	8/13/2025 7:35:19 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
Q2830-01MSD	PP074312.D	Decachlorobiphenyl	yogesh	8/13/2025 7:35:19 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
Q2830-01MSD	PP074312.D	Tetrachloro-m-xylene	yogesh	8/13/2025 7:35:19 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1660CCC500	PP074316.D	AR-1016-2 #2	yogesh	8/13/2025 7:35:23 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1660CCC500	PP074316.D	AR-1016-5 #2	yogesh	8/13/2025 7:35:23 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PP081225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP074316.D	Tetrachloro-m-xylene #2	yogesh	8/13/2025 7:35:23 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074317.D	AR-1242-2 #2	yogesh	8/13/2025 7:35:24 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074317.D	AR-1242-3 #2	yogesh	8/13/2025 7:35:24 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074317.D	AR-1242-4 #2	yogesh	8/13/2025 7:35:24 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-1	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-1 #2	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-2 #2	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-3 #2	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-4 #2	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-5 #2	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074330.D	AR-1242-2 #2	yogesh	8/13/2025 7:35:40 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074330.D	AR-1242-3 #2	yogesh	8/13/2025 7:35:40 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074330.D	AR-1242-4 #2	yogesh	8/13/2025 7:35:40 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PP081225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP074331.D	AR-1254-1	yogesh	8/13/2025 7:35:42 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074331.D	AR-1254-2 #2	yogesh	8/13/2025 7:35:42 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074331.D	AR-1254-3 #2	yogesh	8/13/2025 7:35:42 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074331.D	AR-1254-4 #2	yogesh	8/13/2025 7:35:42 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074331.D	AR-1254-5 #2	yogesh	8/13/2025 7:35:42 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO112412.D	23 Jul 2025 10:56	YP/AJ	Ok
2	I.BLK	PO112413.D	23 Jul 2025 11:14	YP/AJ	Ok
3	AR1660ICC1000	PO112414.D	23 Jul 2025 11:32	YP/AJ	Ok
4	AR1660ICC750	PO112415.D	23 Jul 2025 11:50	YP/AJ	Ok
5	AR1660ICC500	PO112416.D	23 Jul 2025 12:08	YP/AJ	Ok
6	AR1660ICC250	PO112417.D	23 Jul 2025 12:27	YP/AJ	Ok,M
7	AR1660ICC050	PO112418.D	23 Jul 2025 12:45	YP/AJ	Ok,M
8	AR1221ICC500	PO112419.D	23 Jul 2025 13:03	YP/AJ	Ok
9	AR1232ICC500	PO112420.D	23 Jul 2025 13:22	YP/AJ	Ok
10	AR1242ICC1000	PO112421.D	23 Jul 2025 13:40	YP/AJ	Ok
11	AR1242ICC750	PO112422.D	23 Jul 2025 13:59	YP/AJ	Ok
12	AR1242ICC500	PO112423.D	23 Jul 2025 14:17	YP/AJ	Ok
13	AR1242ICC250	PO112424.D	23 Jul 2025 14:36	YP/AJ	Ok,M
14	AR1242ICC050	PO112425.D	23 Jul 2025 14:54	YP/AJ	Ok,M
15	AR1248ICC1000	PO112426.D	23 Jul 2025 15:13	YP/AJ	Ok
16	AR1248ICC750	PO112427.D	23 Jul 2025 15:31	YP/AJ	Ok
17	AR1248ICC500	PO112428.D	23 Jul 2025 15:48	YP/AJ	Ok
18	AR1248ICC250	PO112429.D	23 Jul 2025 16:07	YP/AJ	Ok
19	AR1248ICC050	PO112430.D	23 Jul 2025 16:25	YP/AJ	Ok,M
20	AR1254ICC1000	PO112431.D	23 Jul 2025 16:44	YP/AJ	Ok
21	AR1254ICC750	PO112432.D	23 Jul 2025 17:02	YP/AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO112433.D	23 Jul 2025 17:21	YP/AJ	Ok
23	AR1254ICC250	PO112434.D	23 Jul 2025 17:39	YP/AJ	Ok
24	AR1254ICC050	PO112435.D	23 Jul 2025 17:57	YP/AJ	Ok,M
25	AR1262ICC500	PO112436.D	23 Jul 2025 18:16	YP/AJ	Ok
26	AR1268ICC1000	PO112437.D	23 Jul 2025 18:34	YP/AJ	Ok
27	AR1268ICC750	PO112438.D	23 Jul 2025 18:53	YP/AJ	Ok
28	AR1268ICC500	PO112439.D	23 Jul 2025 19:11	YP/AJ	Ok
29	AR1268ICC250	PO112440.D	23 Jul 2025 19:28	YP/AJ	Ok
30	AR1268ICC050	PO112441.D	23 Jul 2025 19:47	YP/AJ	Ok
31	PO072325ICV500	PO112442.D	23 Jul 2025 20:05	YP/AJ	Ok
32	AR1242ICV500	PO112443.D	23 Jul 2025 20:42	YP/AJ	Ok
33	AR1248ICV500	PO112444.D	23 Jul 2025 21:18	YP/AJ	Ok
34	AR1254ICV500	PO112445.D	23 Jul 2025 21:54	YP/AJ	Ok
35	AR1268ICV500	PO112446.D	23 Jul 2025 22:31	YP/AJ	Ok
36	DDT ANALOG	PO112447.D	23 Jul 2025 23:07	YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO112849.D	12 Aug 2025 08:35	YP/AJ	Ok
2	AR1660CCC500	PO112850.D	12 Aug 2025 08:54	YP/AJ	Ok,M
3	AR1242CCC500	PO112851.D	12 Aug 2025 09:12	YP/AJ	Ok,M
4	AR1248CCC500	PO112852.D	12 Aug 2025 09:29	YP/AJ	Ok,M
5	AR1254CCC500	PO112853.D	12 Aug 2025 09:48	YP/AJ	Ok
6	I.BLK	PO112854.D	12 Aug 2025 10:05	YP/AJ	Ok
7	DDT ANALOG	PO112855.D	12 Aug 2025 10:24	YP/AJ	Ok
8	Q2808-01DL	PO112856.D	12 Aug 2025 10:42	YP/AJ	Ok,M
9	Q2807-02	PO112857.D	12 Aug 2025 11:01	YP/AJ	Ok
10	Q2818-01	PO112858.D	12 Aug 2025 12:50	YP/AJ	Ok,M
11	Q2818-02	PO112859.D	12 Aug 2025 13:08	YP/AJ	Ok
12	Q2819-06	PO112860.D	12 Aug 2025 13:26	YP/AJ	Ok
13	Q2819-11	PO112861.D	12 Aug 2025 13:43	YP/AJ	Ok
14	Q2819-14	PO112862.D	12 Aug 2025 14:01	YP/AJ	Ok
15	Q2820-09	PO112863.D	12 Aug 2025 14:20	YP/AJ	ReRun
16	Q2820-10	PO112864.D	12 Aug 2025 14:38	YP/AJ	Ok
17	AR1660CCC500	PO112865.D	12 Aug 2025 15:50	YP/AJ	Ok,M
18	AR1242CCC500	PO112866.D	12 Aug 2025 16:07	YP/AJ	Ok,M
19	AR1248CCC500	PO112867.D	12 Aug 2025 16:25	YP/AJ	Ok
20	AR1254CCC500	PO112868.D	12 Aug 2025 16:42	YP/AJ	Ok
21	I.BLK	PO112869.D	12 Aug 2025 17:00	YP/AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2820-24	PO112870.D	12 Aug 2025 17:19	YP/AJ	Ok
23	Q2823-01	PO112871.D	12 Aug 2025 17:37	YP/AJ	Ok,M
24	Q2826-01	PO112872.D	12 Aug 2025 17:56	YP/AJ	Ok
25	Q2827-01	PO112873.D	12 Aug 2025 18:14	YP/AJ	Dilution
26	Q2827-05	PO112874.D	12 Aug 2025 18:31	YP/AJ	Ok
27	Q2830-03	PO112875.D	12 Aug 2025 18:49	YP/AJ	Ok
28	Q2839-01	PO112876.D	12 Aug 2025 19:06	YP/AJ	Ok,M
29	Q2839-02	PO112877.D	12 Aug 2025 19:24	YP/AJ	Ok,M
30	Q2839-03	PO112878.D	12 Aug 2025 19:42	YP/AJ	Ok
31	Q2839-04	PO112879.D	12 Aug 2025 19:59	YP/AJ	Ok,M
32	AR1660CCC500	PO112880.D	12 Aug 2025 21:09	YP/AJ	Ok,M
33	AR1242CCC500	PO112881.D	12 Aug 2025 22:02	YP/AJ	Ok,M
34	AR1248CCC500	PO112882.D	12 Aug 2025 22:21	YP/AJ	Ok
35	AR1254CCC500	PO112883.D	12 Aug 2025 22:38	YP/AJ	Ok
36	I.BLK	PO112884.D	12 Aug 2025 22:56	YP/AJ	Ok
37	Q2839-05	PO112885.D	12 Aug 2025 23:15	YP/AJ	Ok
38	Q2839-06	PO112886.D	12 Aug 2025 23:33	YP/AJ	Ok
39	Q2839-07	PO112887.D	12 Aug 2025 23:51	YP/AJ	Ok,M
40	Q2839-08	PO112888.D	13 Aug 2025 00:09	YP/AJ	Ok,M
41	Q2839-09	PO112889.D	13 Aug 2025 00:27	YP/AJ	Ok
42	AR1660CCC500	PO112890.D	13 Aug 2025 01:41	YP/AJ	Ok,M
43	AR1242CCC500	PO112891.D	13 Aug 2025 02:34	YP/AJ	Ok,M
44	AR1248CCC500	PO112892.D	13 Aug 2025 02:52	YP/AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	AR1254CCC500	PO112893.D	13 Aug 2025 03:11	YP/AJ	Ok,M
46	I.BLK	PO112894.D	13 Aug 2025 03:29	YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074166.D	01 Aug 2025 11:33	YP\AJ	Ok
2	I.BLK	PP074167.D	01 Aug 2025 11:49	YP\AJ	Ok
3	AR1660ICC1000	PP074168.D	01 Aug 2025 12:05	YP\AJ	Ok
4	AR1660ICC750	PP074169.D	01 Aug 2025 12:22	YP\AJ	Ok
5	AR1660ICC500	PP074170.D	01 Aug 2025 12:38	YP\AJ	Ok
6	AR1660ICC250	PP074171.D	01 Aug 2025 12:54	YP\AJ	Ok,M
7	AR1660ICC050	PP074172.D	01 Aug 2025 13:42	YP\AJ	Ok,M
8	AR1221ICC500	PP074173.D	01 Aug 2025 13:58	YP\AJ	Ok
9	AR1232ICC500	PP074174.D	01 Aug 2025 14:15	YP\AJ	Ok,M
10	AR1242ICC1000	PP074175.D	01 Aug 2025 14:31	YP\AJ	Ok,M
11	AR1242ICC750	PP074176.D	01 Aug 2025 14:47	YP\AJ	Ok,M
12	AR1242ICC500	PP074177.D	01 Aug 2025 15:03	YP\AJ	Ok,M
13	AR1242ICC250	PP074178.D	01 Aug 2025 15:19	YP\AJ	Ok,M
14	AR1242ICC050	PP074179.D	01 Aug 2025 15:36	YP\AJ	Ok,M
15	AR1248ICC1000	PP074180.D	01 Aug 2025 16:24	YP\AJ	Not Ok
16	AR1248ICC750	PP074181.D	01 Aug 2025 16:41	YP\AJ	Not Ok
17	AR1248ICC500	PP074182.D	01 Aug 2025 16:57	YP\AJ	Ok,M
18	AR1248ICC250	PP074183.D	01 Aug 2025 17:13	YP\AJ	Not Ok
19	AR1248ICC050	PP074184.D	01 Aug 2025 17:45	YP\AJ	Not Ok
20	AR1254ICC1000	PP074185.D	01 Aug 2025 18:02	YP\AJ	Ok,M
21	AR1254ICC750	PP074186.D	01 Aug 2025 18:18	YP\AJ	Ok,M

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP074187.D	01 Aug 2025 18:34	YP\AJ	Ok,M
23	AR1254ICC250	PP074188.D	01 Aug 2025 18:50	YP\AJ	Ok,M
24	AR1254ICC050	PP074189.D	01 Aug 2025 19:23	YP\AJ	Ok,M
25	AR1262ICC500	PP074190.D	01 Aug 2025 19:39	YP\AJ	Ok
26	AR1268ICC1000	PP074191.D	01 Aug 2025 19:55	YP\AJ	Not Ok
27	AR1268ICC750	PP074192.D	01 Aug 2025 20:11	YP\AJ	Not Ok
28	AR1268ICC500	PP074193.D	01 Aug 2025 20:28	YP\AJ	Ok
29	AR1268ICC250	PP074194.D	01 Aug 2025 20:44	YP\AJ	Not Ok
30	AR1268ICC050	PP074195.D	01 Aug 2025 21:00	YP\AJ	Not Ok
31	PP080125ICV500	PP074196.D	01 Aug 2025 21:16	YP\AJ	Ok
32	AR1242ICV500	PP074197.D	01 Aug 2025 22:05	YP\AJ	Ok,M
33	AR1248ICV500	PP074198.D	01 Aug 2025 22:37	YP\AJ	Not Ok
34	AR1254ICV500	PP074199.D	01 Aug 2025 23:10	YP\AJ	Ok,M
35	AR1268ICV500	PP074200.D	01 Aug 2025 23:42	YP\AJ	Not Ok
36	DDT ANALOG	PP074201.D	02 Aug 2025 00:15	YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081225

Review By	yogesh	Review On	8/12/2025 10:13:41 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:51 AM		
SubDirectory	PP081225	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074301.D	12 Aug 2025 09:35	YP\AJ	Ok
2	AR1660CCC500	PP074302.D	12 Aug 2025 09:51	YP\AJ	Ok
3	AR1242CCC500	PP074303.D	12 Aug 2025 10:11	YP\AJ	Ok,M
4	AR1254CCC500	PP074304.D	12 Aug 2025 10:27	YP\AJ	Ok,M
5	I.BLK	PP074305.D	12 Aug 2025 10:43	YP\AJ	Ok
6	DDT ANALOG	PP074306.D	12 Aug 2025 10:59	YP\AJ	Ok
7	PP24799	PP074307.D	12 Aug 2025 11:16	YP\AJ	Ok,M
8	PB169205BL	PP074308.D	12 Aug 2025 12:48	YP\AJ	Ok
9	PB169205BS	PP074309.D	12 Aug 2025 13:05	YP\AJ	Ok,M
10	Q2830-01	PP074310.D	12 Aug 2025 13:21	YP\AJ	Ok,M
11	Q2830-01MS	PP074311.D	12 Aug 2025 13:37	YP\AJ	Ok,M
12	Q2830-01MSD	PP074312.D	12 Aug 2025 13:53	YP\AJ	Ok,M
13	Q2830-05	PP074313.D	12 Aug 2025 14:10	YP\AJ	Ok
14	Q2830-07	PP074314.D	12 Aug 2025 14:26	YP\AJ	Ok,M
15	Q2831-01	PP074315.D	12 Aug 2025 14:42	YP\AJ	Ok
16	AR1660CCC500	PP074316.D	12 Aug 2025 15:48	YP\AJ	Ok,M
17	AR1242CCC500	PP074317.D	12 Aug 2025 16:20	YP\AJ	Ok,M
18	AR1254CCC500	PP074318.D	12 Aug 2025 16:37	YP\AJ	Ok,M
19	I.BLK	PP074319.D	12 Aug 2025 16:53	YP\AJ	Ok
20	PB169220BL	PP074320.D	12 Aug 2025 17:26	YP\AJ	Ok
21	PB169220BS	PP074321.D	12 Aug 2025 17:42	YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081225

Review By	yogesh	Review On	8/12/2025 10:13:41 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:51 AM		
SubDirectory	PP081225	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2839-10	PP074322.D	12 Aug 2025 17:58	YP\AJ	Ok,M
23	Q2839-11	PP074323.D	12 Aug 2025 18:14	YP\AJ	Ok,M
24	Q2839-12	PP074324.D	12 Aug 2025 18:31	YP\AJ	Ok,M
25	Q2839-13	PP074325.D	12 Aug 2025 18:47	YP\AJ	Ok,M
26	Q2839-14	PP074326.D	12 Aug 2025 19:03	YP\AJ	Ok,M
27	Q2839-15	PP074327.D	12 Aug 2025 19:20	YP\AJ	Ok,M
28	Q2839-16	PP074328.D	12 Aug 2025 19:36	YP\AJ	Ok,M
29	AR1660CCC500	PP074329.D	12 Aug 2025 20:41	YP\AJ	Ok
30	AR1242CCC500	PP074330.D	12 Aug 2025 21:30	YP\AJ	Ok,M
31	AR1254CCC500	PP074331.D	12 Aug 2025 21:46	YP\AJ	Ok,M
32	I.BLK	PP074332.D	12 Aug 2025 22:02	YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO112412.D	23 Jul 2025 10:56		YP/AJ	Ok
2	I.BLK	I.BLK	PO112413.D	23 Jul 2025 11:14		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO112414.D	23 Jul 2025 11:32		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO112415.D	23 Jul 2025 11:50		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO112416.D	23 Jul 2025 12:08		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO112417.D	23 Jul 2025 12:27		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO112418.D	23 Jul 2025 12:45		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO112419.D	23 Jul 2025 13:03		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO112420.D	23 Jul 2025 13:22		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO112421.D	23 Jul 2025 13:40		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO112422.D	23 Jul 2025 13:59		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO112423.D	23 Jul 2025 14:17		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO112424.D	23 Jul 2025 14:36		YP/AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PO112425.D	23 Jul 2025 14:54		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO112426.D	23 Jul 2025 15:13		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO112427.D	23 Jul 2025 15:31		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO112428.D	23 Jul 2025 15:48		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO112429.D	23 Jul 2025 16:07		YP/AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO112430.D	23 Jul 2025 16:25		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO112431.D	23 Jul 2025 16:44		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO112432.D	23 Jul 2025 17:02		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO112433.D	23 Jul 2025 17:21		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO112434.D	23 Jul 2025 17:39		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO112435.D	23 Jul 2025 17:57		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO112436.D	23 Jul 2025 18:16		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO112437.D	23 Jul 2025 18:34		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO112438.D	23 Jul 2025 18:53		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO112439.D	23 Jul 2025 19:11		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO112440.D	23 Jul 2025 19:28		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO112441.D	23 Jul 2025 19:47		YP/AJ	Ok
31	PO072325ICV500	ICVPO072325	PO112442.D	23 Jul 2025 20:05		YP/AJ	Ok
32	AR1242ICV500	ICVPO072325AR1242	PO112443.D	23 Jul 2025 20:42		YP/AJ	Ok
33	AR1248ICV500	ICVPO072325AR1248	PO112444.D	23 Jul 2025 21:18		YP/AJ	Ok
34	AR1254ICV500	ICVPO072325AR1254	PO112445.D	23 Jul 2025 21:54		YP/AJ	Ok
35	AR1268ICV500	ICVPO072325AR1268	PO112446.D	23 Jul 2025 22:31		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO112447.D	23 Jul 2025 23:07		YP/AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO112849.D	12 Aug 2025 08:35		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112850.D	12 Aug 2025 08:54		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO112851.D	12 Aug 2025 09:12		YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO112852.D	12 Aug 2025 09:29		YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO112853.D	12 Aug 2025 09:48		YP/AJ	Ok
6	I.BLK	I.BLK	PO112854.D	12 Aug 2025 10:05		YP/AJ	Ok
7	DDT ANALOG	DDT ANALOG	PO112855.D	12 Aug 2025 10:24		YP/AJ	Ok
8	Q2808-01DL	TP-7DL	PO112856.D	12 Aug 2025 10:42	AR1242 + 1254 Hit	YP/AJ	Ok,M
9	Q2807-02	COMP-5	PO112857.D	12 Aug 2025 11:01		YP/AJ	Ok
10	Q2818-01	B-2-5-1	PO112858.D	12 Aug 2025 12:50		YP/AJ	Ok,M
11	Q2818-02	B-3-5-2	PO112859.D	12 Aug 2025 13:08		YP/AJ	Ok
12	Q2819-06	11M-S	PO112860.D	12 Aug 2025 13:26		YP/AJ	Ok
13	Q2819-11	84SB-W	PO112861.D	12 Aug 2025 13:43	DCB low in 1ST column	YP/AJ	Ok
14	Q2819-14	17M-W	PO112862.D	12 Aug 2025 14:01		YP/AJ	Ok
15	Q2820-09	705R-S	PO112863.D	12 Aug 2025 14:20	DCB low both column	YP/AJ	ReRun
16	Q2820-10	SOIL-DUP-2	PO112864.D	12 Aug 2025 14:38		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO112865.D	12 Aug 2025 15:50		YP/AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PO112866.D	12 Aug 2025 16:07		YP/AJ	Ok,M

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PO112867.D	12 Aug 2025 16:25		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO112868.D	12 Aug 2025 16:42	TCMX high in 1st column	YP/AJ	Ok
21	I.BLK	I.BLK	PO112869.D	12 Aug 2025 17:00		YP/AJ	Ok
22	Q2820-24	22M-S	PO112870.D	12 Aug 2025 17:19		YP/AJ	Ok
23	Q2823-01	SU-04-081125	PO112871.D	12 Aug 2025 17:37		YP/AJ	Ok,M
24	Q2826-01	WC1	PO112872.D	12 Aug 2025 17:56	AR1254 Hit	YP/AJ	Ok
25	Q2827-01	TP-8	PO112873.D	12 Aug 2025 18:14	AR1248 & AR1260 Hit , Need 2x dilution	YP/AJ	Dilution
26	Q2827-05	TP-9	PO112874.D	12 Aug 2025 18:31	AR1260 Hit	YP/AJ	Ok
27	Q2830-03	BIN0009-DRIVEWAY-T	PO112875.D	12 Aug 2025 18:49	DCB high in 2nd column	YP/AJ	Ok
28	Q2839-01	BC274436-1-1	PO112876.D	12 Aug 2025 19:06		YP/AJ	Ok,M
29	Q2839-02	BC274436-1-2	PO112877.D	12 Aug 2025 19:24		YP/AJ	Ok,M
30	Q2839-03	BC151973-1-1	PO112878.D	12 Aug 2025 19:42		YP/AJ	Ok
31	Q2839-04	BC151973-1-2	PO112879.D	12 Aug 2025 19:59	AR1254 Hit	YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO112880.D	12 Aug 2025 21:09		YP/AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PO112881.D	12 Aug 2025 22:02		YP/AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PO112882.D	12 Aug 2025 22:21		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO112883.D	12 Aug 2025 22:38	TCMX high in 1st column	YP/AJ	Ok
36	I.BLK	I.BLK	PO112884.D	12 Aug 2025 22:56		YP/AJ	Ok
37	Q2839-05	BC271336-1-1	PO112885.D	12 Aug 2025 23:15		YP/AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q2839-06	BC271336-1-2	PO112886.D	12 Aug 2025 23:33		YP/AJ	Ok
39	Q2839-07	BC271242-1-1	PO112887.D	12 Aug 2025 23:51	AR1254 Hit	YP/AJ	Ok,M
40	Q2839-08	BC271242-1-2	PO112888.D	13 Aug 2025 00:09		YP/AJ	Ok,M
41	Q2839-09	BC271242-2-1	PO112889.D	13 Aug 2025 00:27		YP/AJ	Ok
42	AR1660CCC500	AR1660CCC500	PO112890.D	13 Aug 2025 01:41		YP/AJ	Ok,M
43	AR1242CCC500	AR1242CCC500	PO112891.D	13 Aug 2025 02:34		YP/AJ	Ok,M
44	AR1248CCC500	AR1248CCC500	PO112892.D	13 Aug 2025 02:52		YP/AJ	Ok
45	AR1254CCC500	AR1254CCC500	PO112893.D	13 Aug 2025 03:11	TCMX high in 1st column	YP/AJ	Ok,M
46	I.BLK	I.BLK	PO112894.D	13 Aug 2025 03:29		YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074166.D	01 Aug 2025 11:33		YP\AJ	Ok
2	I.BLK	I.BLK	PP074167.D	01 Aug 2025 11:49		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP074168.D	01 Aug 2025 12:05		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP074169.D	01 Aug 2025 12:22		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP074170.D	01 Aug 2025 12:38		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP074171.D	01 Aug 2025 12:54		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP074172.D	01 Aug 2025 13:42		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP074173.D	01 Aug 2025 13:58		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP074174.D	01 Aug 2025 14:15		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP074175.D	01 Aug 2025 14:31		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP074176.D	01 Aug 2025 14:47		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP074177.D	01 Aug 2025 15:03		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP074178.D	01 Aug 2025 15:19		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP074179.D	01 Aug 2025 15:36		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP074180.D	01 Aug 2025 16:24	Not Use	YP\AJ	Not Ok
16	AR1248ICC750	AR1248ICC750	PP074181.D	01 Aug 2025 16:41	Not Use	YP\AJ	Not Ok
17	AR1248ICC500	AR1248ICC500	PP074182.D	01 Aug 2025 16:57		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP074183.D	01 Aug 2025 17:13	Not Use	YP\AJ	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP074184.D	01 Aug 2025 17:45	Not Use	YP\AJ	Not Ok
20	AR1254ICC1000	AR1254ICC1000	PP074185.D	01 Aug 2025 18:02		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP074186.D	01 Aug 2025 18:18		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP074187.D	01 Aug 2025 18:34		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP074188.D	01 Aug 2025 18:50		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP074189.D	01 Aug 2025 19:23		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP074190.D	01 Aug 2025 19:39		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP074191.D	01 Aug 2025 19:55	Not Use	YP\AJ	Not Ok
27	AR1268ICC750	AR1268ICC750	PP074192.D	01 Aug 2025 20:11	Not Use	YP\AJ	Not Ok
28	AR1268ICC500	AR1268ICC500	PP074193.D	01 Aug 2025 20:28		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP074194.D	01 Aug 2025 20:44	Not Use	YP\AJ	Not Ok
30	AR1268ICC050	AR1268ICC050	PP074195.D	01 Aug 2025 21:00	Not Use	YP\AJ	Not Ok
31	PP080125ICV500	ICVPP080125	PP074196.D	01 Aug 2025 21:16		YP\AJ	Ok
32	AR1242ICV500	ICVPP080125AR1242	PP074197.D	01 Aug 2025 22:05		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP080125AR1248	PP074198.D	01 Aug 2025 22:37	Not Use	YP\AJ	Not Ok
34	AR1254ICV500	ICVPP080125AR1254	PP074199.D	01 Aug 2025 23:10		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP080125AR1268	PP074200.D	01 Aug 2025 23:42	Not Use	YP\AJ	Not Ok
36	DDT ANALOG	DDT ANALOG	PP074201.D	02 Aug 2025 00:15		YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081225

Review By	yogesh	Review On	8/12/2025 10:13:41 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:51 AM		
SubDirectory	PP081225	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074301.D	12 Aug 2025 09:35		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP074302.D	12 Aug 2025 09:51	AR1016-02& TCMX high in sec column	YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP074303.D	12 Aug 2025 10:11	TCMX high in sec column	YP\AJ	Ok,M
4	AR1254CCC500	AR1254CCC500	PP074304.D	12 Aug 2025 10:27	TCMX high in sec column	YP\AJ	Ok,M
5	I.BLK	I.BLK	PP074305.D	12 Aug 2025 10:43		YP\AJ	Ok
6	DDT ANALOG	DDT ANALOG	PP074306.D	12 Aug 2025 10:59		YP\AJ	Ok
7	PP24799	PP24799	PP074307.D	12 Aug 2025 11:16		YP\AJ	Ok,M
8	PB169205BL	PB169205BL	PP074308.D	12 Aug 2025 12:48		YP\AJ	Ok
9	PB169205BS	PB169205BS	PP074309.D	12 Aug 2025 13:05		YP\AJ	Ok,M
10	Q2830-01	BIN0009-DRIVEWAY-T	PP074310.D	12 Aug 2025 13:21		YP\AJ	Ok,M
11	Q2830-01MS	BIN0009-DRIVEWAY-T	PP074311.D	12 Aug 2025 13:37		YP\AJ	Ok,M
12	Q2830-01MSD	BIN0009-DRIVEWAY-T	PP074312.D	12 Aug 2025 13:53		YP\AJ	Ok,M
13	Q2830-05	BIN0009-DRIVEWAY-T	PP074313.D	12 Aug 2025 14:10		YP\AJ	Ok
14	Q2830-07	BIN0009-DRIVEWAY-T	PP074314.D	12 Aug 2025 14:26		YP\AJ	Ok,M
15	Q2831-01	VNJ-238	PP074315.D	12 Aug 2025 14:42		YP\AJ	Ok
16	AR1660CCC500	AR1660CCC500	PP074316.D	12 Aug 2025 15:48		YP\AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PP074317.D	12 Aug 2025 16:20	TCMX high in 2nd column	YP\AJ	Ok,M

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081225

Review By	yogesh	Review On	8/12/2025 10:13:41 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:51 AM		
SubDirectory	PP081225	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	AR1254CCC500	AR1254CCC500	PP074318.D	12 Aug 2025 16:37		YP\AJ	Ok,M
19	I.BLK	I.BLK	PP074319.D	12 Aug 2025 16:53		YP\AJ	Ok
20	PB169220BL	PB169220BL	PP074320.D	12 Aug 2025 17:26		YP\AJ	Ok
21	PB169220BS	PB169220BS	PP074321.D	12 Aug 2025 17:42		YP\AJ	Ok
22	Q2839-10	BC271242-2-2	PP074322.D	12 Aug 2025 17:58		YP\AJ	Ok,M
23	Q2839-11	BC226751-1-1	PP074323.D	12 Aug 2025 18:14		YP\AJ	Ok,M
24	Q2839-12	BC226751-1-2	PP074324.D	12 Aug 2025 18:31		YP\AJ	Ok,M
25	Q2839-13	BC226751-2-1	PP074325.D	12 Aug 2025 18:47	AR1254 Hit	YP\AJ	Ok,M
26	Q2839-14	BC226751-2-2	PP074326.D	12 Aug 2025 19:03		YP\AJ	Ok,M
27	Q2839-15	JEC773V-1-1	PP074327.D	12 Aug 2025 19:20	TCMX low in 2nd column	YP\AJ	Ok,M
28	Q2839-16	JEC773V-1-2	PP074328.D	12 Aug 2025 19:36		YP\AJ	Ok,M
29	AR1660CCC500	AR1660CCC500	PP074329.D	12 Aug 2025 20:41		YP\AJ	Ok
30	AR1242CCC500	AR1242CCC500	PP074330.D	12 Aug 2025 21:30	TCMX high in 2nd column	YP\AJ	Ok,M
31	AR1254CCC500	AR1254CCC500	PP074331.D	12 Aug 2025 21:46	TCMX high in 2nd column	YP\AJ	Ok,M
32	I.BLK	I.BLK	PP074332.D	12 Aug 2025 22:02		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169205

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	08/12/2025
Matrix :	Solid			**Extraction Start Time :**	08:15
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	08/12/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:30
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24650
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2627
Baked Na2SO4	N/A	EP2632
Sand	N/A	E3951
Hexane	N/A	E3962
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/12/25	RS (Ext lab)	Y. P. post/PLB.
11:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169205

Analytical Method: N/A

Concentration Date: 08/12/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169205BL	ABLK205	PCB	30.03	N/A	ritesh	RUPESH	10			U1-1
PB169205BS	ALCS205	PCB	30.01	N/A	ritesh	RUPESH	10			2
Q2818-01	B-2-5-1	PCB	30.07	N/A	ritesh	RUPESH	10	B		3
Q2818-02	B-3-5-2	PCB	30.03	N/A	ritesh	RUPESH	10	B		4
Q2819-06	11M-S	PCB	30.05	N/A	ritesh	RUPESH	10	E		5
Q2819-11	84SB-W	PCB	30.02	N/A	ritesh	RUPESH	10	E		6
Q2819-14	17M-W	PCB	30.08	N/A	ritesh	RUPESH	10	E		U2-1
Q2820-09	705R-S	PCB	30.06	N/A	ritesh	RUPESH	10	E		2
Q2820-10	SOIL-DUP-2	PCB	30.09	N/A	ritesh	RUPESH	10	E		3
Q2820-24	22M-S	PCB	30.01	N/A	ritesh	RUPESH	10	E		4
Q2823-01	SU-04-081125	PCB	30.04	N/A	ritesh	RUPESH	10	E		5
Q2826-01	WC1	PCB	30.08	N/A	ritesh	RUPESH	10			6
Q2827-01	TP-8	PCB	30.07	N/A	ritesh	RUPESH	10	E		U3-1
Q2827-05	TP-9	PCB	30.02	N/A	ritesh	RUPESH	10	E	Gasoline Smell	2
Q2830-01	BIN0009-DRIVEWAY-TP-SOUTH-EAST	PCB	30.06	N/A	ritesh	RUPESH	10	E		3
Q2830-01MS	BIN0009-DRIVEWAY-TP-SOUTH-EASTMS	PCB	30.01	N/A	ritesh	RUPESH	10	E		4
Q2830-01MSD	BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD	PCB	30.03	N/A	ritesh	RUPESH	10	E		5
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	PCB	30.09	N/A	ritesh	RUPESH	10	E		6
Q2830-05	BIN0009-DRIVEWAY-TP-WESTSIDE	PCB	30.06	N/A	ritesh	RUPESH	10	E		U6-1
Q2830-07	BIN0009-DRIVEWAY-TP-EASTSIDE	PCB	30.04	N/A	ritesh	RUPESH	10	E		2
Q2831-01	VNJ-238	PCB	30.08	N/A	ritesh	RUPESH	10	B		3

RJ 8/12

* **Extracts relinquished on the same date as received.**

Q2826 8/12/25 8:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2818 **WorkList ID :** 191213 **Department :** Extraction **Date :** 08-12-2025 08:10:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2818-01	B-2-5-1	Solid	PCB	Cool 4 deg C	EARTH03		08/11/2025	8082A
Q2818-02	B-3-5-2	Solid	PCB	Cool 4 deg C	EARTH03		08/11/2025	8082A
Q2819-06	11M-S	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/05/2025	8082A
Q2819-11	84SB-W	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/05/2025	8082A
Q2819-14	17M-W	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/05/2025	8082A
Q2820-09	705R-S	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/07/2025	8082A
Q2820-10	SOIL-DUP-2	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/07/2025	8082A
Q2820-24	22M-S	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/08/2025	8082A
Q2823-01	SU-04-081125	Solid	PCB	Cool 4 deg C	PSEG05	D31	08/11/2025	8082A
Q2826-01	WC1	Solid	PCB	Cool 4 deg C	GENV01	D31	08/11/2025	8082A
Q2827-01	TP-8	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2827-05	TP-9	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2830-01	BIN009-DRIVEWAY-TP-SOUTH	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2830-03	BIN009-DRIVEWAY-TP-WEST	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2830-05	BIN009-DRIVEWAY-TP-WEST5	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2830-07	BIN009-DRIVEWAY-TP-EASTS	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2831-01	VNJ-238	Solid	PCB	Cool 4 deg C	PSEG03	D21	08/11/2025	8082A

309 of 621

Date/Time 08/12/25 8:10
Raw Sample Received by: RJ (EXT-Web)
Raw Sample Relinquished by: CR

Date/Time 08/12/25 8:40
Raw Sample Received by: CR
Raw Sample Relinquished by: RJ (EXT-Web)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2826	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	--Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2826-01	**WC1**	**SOIL**			**08/11/25**			**08/11/25**
			PCB	8082A		08/12/25	08/12/25	
			EPH_NF	NJEPH		08/12/25	08/12/25	

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	08/11/25
Project:	Ave B			Date Received:	08/11/25
Client Sample ID:	WC1			SDG No.:	Q2826
Lab Sample ID:	Q2826-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	88.1
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/12/25 18:29	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	37.1		1	1.34	2.27	mg/kg	FE055263.D
Aliphatic C9-C28	Aliphatic C9-C28	4.07	J	1	1.03	4.53	mg/kg	FE055263.D
Total AliphaticEPH	Total AliphaticEPH	41.2			2.37	6.80	mg/kg	
Total EPH	Total EPH	41.2			2.37	6.80	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	08/11/25	
Project:	Ave B		Date Received:	08/11/25	
Client Sample ID:	WC1		SDG No.:	Q2826	
Lab Sample ID:	Q2826-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.1	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055263.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		4.07	J	1.03	4.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		37.1		1.34	2.27	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		32.4		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		30.9		40 - 140	62%	SPK: 50

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2826-01	Acq On:	12 Aug 2025 18:29
Client Sample ID:	WC1	Operator:	YP\AJ
Data file:	FE055263.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.959	632902	5.419	300	ug/ml
Aliphatic C12-C16	6.960	10.413	1363980	10.892	200	ug/ml
Aliphatic C16-C21	10.414	13.793	1680168	13.292	300	ug/ml
Aliphatic C21-C28	13.794	17.466	2936363	24.367	400	ug/ml
Aliphatic C28-C40	17.467	22.498	56053149	491.75	600	ug/ml
Aliphatic EPH	3.323	22.498	62666562	545.72		ug/ml
ortho-Terphenyl (SURR)	12.090	12.090	4410471	30.88		ug/ml
1-chlorooctadecane (SURR)	13.526	13.526	3480850	32.37		ug/ml
Aliphatic C9-C28	3.323	17.466	6613413	53.97	1200	ug/ml

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Run Number: FC081225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB169207BL	74	70		0
PB169207BS	70	66		0
PB169207BSD	70	66		0
BIN0009-DRIVEWAY-TP-WEST	73	69		0
BIN0009-DRIVEWAY-TP-WEST	77	72		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Run Number: FE081225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
WC1	65	62		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2826

Sample No : Q2830-03MS **Datafile:** FC069649.D **Client ID :** BIN0009-DRIVEWAY-TP-WESTMS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	35.0	6.87	33.2	75		(40-140)
Aliphatic C9-C28	116.6	2.91	72.4	60		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.9	0.0000	1.0726	28	*	(40-140)
n-Decane (C10)	3.9	0.0000	2.9390	75		(40-140)
Naphthalene (C11.7)	3.9	0.0000	1.8979	49		(40-140)
n-Dodecane (C12)	3.9	0.0000	1.8543	48		(40-140)
2-methylnaphthalene (C12.89)	3.9	0.0000	2.0260	52		(40-140)
n-Tetradecane (C14)	3.9	0.0000	2.2273	57		(40-140)
n-Hexadecane (C16)	3.9	0.0000	2.4193	62		(40-140)
n-Octadecane (C18)	3.9	0.0000	2.4524	63		(40-140)
n-Eicosane (C20)	3.9	0.0000	2.6068	67		(40-140)
n-Heneicosane (C21)	3.9	0.0000	2.5588	66		(40-140)
n-Docosane (C22)	3.9	0.0000	2.5383	65		(40-140)
n-Tetracosane (C24)	7.8	0.0000	5.1258	66		(40-140)
n-Hexacosane (C26)	3.9	0.0000	2.5367	65		(40-140)
n-Octacosane (C28)	3.9	0.0000	2.5377	65		(40-140)
n-Tricontane (C30)	3.9	0.0000	2.4749	63		(40-140)
n-Dotriacontane (C32)	3.9	0.0000	2.5811	66		(40-140)
n-Tetratriacontane (C34)	3.9	0.0000	2.8600	73		(40-140)
n-Hexatriacontane (C36)	3.9	0.0000	3.2733	84		(40-140)
n-Octatriacontane (C38)	3.9	0.0000	3.7602	96		(40-140)
n-Tetracontane (C40)	3.9	0.0000	3.5367	91		(40-140)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	Alliance	**Client:**	G Environmental
Lab Code:	ACE	**SDG No:**	Q2826
Sample No :	Q2830-03MSD **Datafile:** FC069650.D	**Client ID :**	BIN0009-DRIVEWAY-TP-WESTMSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	35.0	6.87	35.3	81		7.66 | (40-140)	50
Aliphatic C9-C28	116.6	2.91	67.6	56		7.1 | (40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	3.9	0.0000	1.1279	29	*	7.14 | (40-140)	50
n-Decane (C10)	3.9	0.0000	3.0919	79		5.19 | (40-140)	50
Naphthalene (C11.7)	3.9	0.0000	1.9632	50		4.08 | (40-140)	50
n-Dodecane (C12)	3.9	0.0000	1.9170	49		4.17 | (40-140)	50
2-methylnaphthalene (C12.89)	3.9	0.0000	2.0593	53		1.9 | (40-140)	50
n-Tetradecane (C14)	3.9	0.0000	2.1884	56		1.77 | (40-140)	50
n-Hexadecane (C16)	3.9	0.0000	2.3791	61		1.63 | (40-140)	50
n-Octadecane (C18)	3.9	0.0000	2.4955	64		1.57 | (40-140)	50
n-Eicosane (C20)	3.9	0.0000	2.7025	69		2.94 | (40-140)	50
n-Heneicosane (C21)	3.9	0.0000	2.6638	68		4.51 | (40-140)	50
n-Docosane (C22)	3.9	0.0000	2.6560	68		4.51 | (40-140)	50
n-Tetracosane (C24)	7.8	0.0000	5.3754	69		4.51 | (40-140)	50
n-Hexacosane (C26)	3.9	0.0000	2.6626	68		6.06 | (40-140)	50
n-Octacosane (C28)	3.9	0.0000	2.6581	68		4.58 | (40-140)	50
n-Tricontane (C30)	3.9	0.0000	2.6042	67		4.72 | (40-140)	50
n-Dotriacontane (C32)	3.9	0.0000	2.7185	70		4.58 | (40-140)	50
n-Tetratriacontane (C34)	3.9	0.0000	3.0070	77		4.08 | (40-140)	50
n-Hexatriacontane (C36)	3.9	0.0000	3.3956	87		3.82 | (40-140)	50
n-Octatriacontane (C38)	3.9	0.0000	3.9968	102		7.59 | (40-140)	50
n-Tetracontane (C40)	3.9	0.0000	3.7034	95		5.46 | (40-140)	50

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2826

Sample No : PB169207BS **Datafile:** FC069645.D **Client ID :** PB169207BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	21.6	72		(40-140)
Aliphatic C9-C28	100.1	54.7	55		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.63609	50		(40-140)
n-Decane (C10)	3.3	1.76347	53		(40-140)
Naphthalene (C11.7)	3.3	2.02752	61		(40-140)
n-Dodecane (C12)	3.3	1.96737	60		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.02584	61		(40-140)
n-Tetradecane (C14)	3.3	2.06622	63		(40-140)
n-Hexadecane (C16)	3.3	2.06502	63		(40-140)
n-Octadecane (C18)	3.3	2.02989	62		(40-140)
n-Eicosane (C20)	3.3	2.14752	65		(40-140)
n-Heneicosane (C21)	3.3	2.10724	64		(40-140)
n-Docosane (C22)	3.3	2.08853	63		(40-140)
n-Tetracosane (C24)	6.7	4.13066	62		(40-140)
n-Hexacosane (C26)	3.3	2.06137	62		(40-140)
n-Octacosane (C28)	3.3	2.03852	62		(40-140)
n-Tricontane (C30)	3.3	1.97890	60		(40-140)
n-Dotriacontane (C32)	3.3	2.02757	61		(40-140)
n-Tetratriacontane (C34)	3.3	2.27428	69		(40-140)
n-Hexatriacontane (C36)	3.3	2.45442	74		(40-140)
n-Octatriacontane (C38)	3.3	2.72740	83		(40-140)
n-Tetracontane (C40)	3.3	2.83852	86		(40-140)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2826

Sample No : PB169207BSD **Datafile:** FC069646.D **Client ID :** PB169207BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	21.6	72		0.06|	(40-140)	25
Aliphatic C9-C28	99.9	54.7	55		0.049|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	3.3	1.63538	50		0|	(40-140)	25
n-Decane (C10)	3.3	1.76025	53		0|	(40-140)	25
Naphthalene (C11.7)	3.3	2.02227	61		0|	(40-140)	25
n-Dodecane (C12)	3.3	1.95844	59		1.68|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.02196	61		0|	(40-140)	25
n-Tetradecane (C14)	3.3	2.05573	62		1.6|	(40-140)	25
n-Hexadecane (C16)	3.3	2.04883	62		1.6|	(40-140)	25
n-Octadecane (C18)	3.3	2.01402	61		1.63|	(40-140)	25
n-Eicosane (C20)	3.3	2.13298	65		0|	(40-140)	25
n-Heneicosane (C21)	3.3	2.09214	63		1.57|	(40-140)	25
n-Docosane (C22)	3.3	2.07592	63		0|	(40-140)	25
n-Tetracosane (C24)	6.7	4.13776	62		0|	(40-140)	25
n-Hexacosane (C26)	3.3	2.05095	62		0|	(40-140)	25
n-Octacosane (C28)	3.3	2.02955	62		0|	(40-140)	25
n-Tricontane (C30)	3.3	1.96097	59		1.68|	(40-140)	25
n-Dotriacontane (C32)	3.3	2.00404	61		0|	(40-140)	25
n-Tetratriacontane (C34)	3.3	2.25480	68		1.46|	(40-140)	25
n-Hexatriacontane (C36)	3.3	2.43852	74		0|	(40-140)	25
n-Octatriacontane (C38)	3.3	2.71628	82		1.21|	(40-140)	25
n-Tetracontane (C40)	3.3	2.83634	86		0|	(40-140)	25

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
PB169207BL

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Instrument ID: FID_C Lab Sample ID: PB169207BL

Matrix: (soil/water) Solid Date Extracted: 8/12/2025 8:45:00 A

Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB169207BS	PB169207BS
PB169207BSD	PB169207BSD
WC1	Q2826-01
BIN0009-DRIVEWAY-TP-WESTMS	Q2830-03MS
BIN0009-DRIVEWAY-TP-WESTMS	Q2830-03MSD

COMMENTS:

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB169207BL			SDG No.:	Q2826
Lab Sample ID:	PB169207BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/12/25 20:22	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC069644.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FC069644.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	PB169207BL		SDG No.:	Q2826	
Lab Sample ID:	PB169207BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069644.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		0.91	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		1.18	U	1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		37.0		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		34.9		40 - 140	70%	SPK: 50

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169207BL	Acq On:	12 Aug 2025 20:22
Client Sample ID:	PB169207BL	Operator:	YP/AJ
Data file:	FC069644.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	0	0	300	ug/ml
Aliphatic C12-C16	6.595	9.998	0	0	200	ug/ml
Aliphatic C16-C21	9.999	13.367	0	0	300	ug/ml
Aliphatic C21-C28	13.368	17.032	0	0	400	ug/ml
Aliphatic C28-C40	17.033	22.008	0	0	600	ug/ml
Aliphatic EPH	3.296	22.008	0	0		ug/ml
ortho-Terphenyl (SURR)	11.667	11.667	5198688	34.85		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	4029814	36.96		ug/ml
Aliphatic C9-C28	3.296	17.032	0	0	1200	ug/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	PB169207BS		SDG No.:	Q2826	
Lab Sample ID:	PB169207BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/12/25 21:08	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	21.6		1	1.18	2.00	mg/kg	FC069645.D
Aliphatic C9-C28	Aliphatic C9-C28	54.7		1	0.91	4.00	mg/kg	FC069645.D
Total AliphaticEPH	Total AliphaticEPH	76.3			2.09	6.00	mg/kg	
Total EPH	Total EPH	76.3			2.09	6.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	PB169207BS		SDG No.:	Q2826	
Lab Sample ID:	PB169207BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069645.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	54.7		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.6		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.0		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.9		40 - 140	66%	SPK: 50

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169207BS	Acq On:	12 Aug 2025 21:08
Client Sample ID:	PB169207BS	Operator:	YP/AJ
Data file:	FC069645.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	20618159	142.509	300	ug/ml
Aliphatic C12-C16	6.595	9.998	27575514	192.251	200	ug/ml
Aliphatic C16-C21	9.999	13.367	29064386	217.611	300	ug/ml
Aliphatic C21-C28	13.368	17.032	31693756	267.892	400	ug/ml
Aliphatic C28-C40	17.033	22.008	30957145	324.787	600	ug/ml
Aliphatic EPH	3.296	22.008	139908960	1150		ug/ml
ortho-Terphenyl (SURR)	11.665	11.665	4914195	32.94		ug/ml
1-chlorooctadecane (SURR)	13.100	13.100	3814315	34.99		ug/ml
Aliphatic C9-C28	3.296	17.032	108951815	820.263	1200	ug/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	PB169207BSD		SDG No.:	Q2826	
Lab Sample ID:	PB169207BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/12/25 21:53	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	21.6		1	1.18	2.00	mg/kg	FC069646.D
Aliphatic C9-C28	Aliphatic C9-C28	54.7		1	0.91	3.99	mg/kg	FC069646.D
Total AliphaticEPH	Total AliphaticEPH	76.3			2.09	5.99	mg/kg	
Total EPH	Total EPH	76.3			2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	PB169207BSD		SDG No.:	Q2826	
Lab Sample ID:	PB169207BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069646.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	54.7		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.6		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.8		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.8		40 - 140	66%	SPK: 50

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169207BSD	Acq On:	12 Aug 2025 21:53
Client Sample ID:	PB169207BSD	Operator:	YP/AJ
Data file:	FC069646.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	20584745	142.278	300	ug/ml
Aliphatic C12-C16	6.595	9.998	27540790	192.009	200	ug/ml
Aliphatic C16-C21	9.999	13.367	28967482	216.885	300	ug/ml
Aliphatic C21-C28	13.368	17.032	31976934	270.286	400	ug/ml
Aliphatic C28-C40	17.033	22.008	30931317	324.516	600	ug/ml
Aliphatic EPH	3.296	22.008	140001268	1150		ug/ml
ortho-Terphenyl (SURR)	11.665	11.665	4892968	32.8		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	3794482	34.8		ug/ml
Aliphatic C9-C28	3.296	17.032	109069951	821.458	1200	ug/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/13/25 0:13	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	33.2		1	1.38	2.33	mg/kg	FC069649.D
Aliphatic C9-C28	Aliphatic C9-C28	72.4		1	1.06	4.67	mg/kg	FC069649.D
Total AliphaticEPH	Total AliphaticEPH	106			2.44	7.00	mg/kg	
Total EPH	Total EPH	106			2.44	7.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069649.D	1	08/12/25	08/13/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	72.4		1.06	4.67	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	33.2		1.38	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.5		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.4		40 - 140	69%	SPK: 50

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2830-03MS	Acq On:	13 Aug 2025 00:13
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMS	Operator:	YP/AJ
Data file:	FC069649.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	16061289	111.013	300	ug/ml
Aliphatic C12-C16	6.595	9.998	33020754	230.214	200	ug/ml
Aliphatic C16-C21	9.999	13.367	36696695	274.756	300	ug/ml
Aliphatic C21-C28	13.368	17.032	37353007	315.727	400	ug/ml
Aliphatic C28-C40	17.033	22.008	40669580	426.685	600	ug/ml
Aliphatic EPH	3.296	22.008	163801325	1360		ug/ml
ortho-Terphenyl (SURR)	11.666	11.666	5132110	34.4		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	3978577	36.49		ug/ml
Aliphatic C9-C28	3.296	17.032	123131745	931.71	1200	ug/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMSD	SDG No.:	Q2826
Lab Sample ID:	Q2830-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/13/25 1:50	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	35.3		1	1.37	2.33	mg/kg	FC069650.D
Aliphatic C9-C28	Aliphatic C9-C28	67.7		1	1.06	4.67	mg/kg	FC069650.D
Total AliphaticEPH	Total AliphaticEPH	103			2.43	7.00	mg/kg	
Total EPH	Total EPH	103			2.43	7.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMSD		SDG No.:	Q2826	
Lab Sample ID:	Q2830-03MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.6	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069650.D	1	08/12/25	08/13/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	67.7		1.06	4.67	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	35.3		1.37	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.4		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.1		40 - 140	72%	SPK: 50

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2830-03MSD	Acq On:	13 Aug 2025 01:50
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMSD	Operator:	YP/AJ
Data file:	FC069650.D	Misc:	
Instrument:	FID_C	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	15928487	110.095	300	ug/ml
Aliphatic C12-C16	6.595	9.998	26999853	188.237	200	ug/ml
Aliphatic C16-C21	9.999	13.367	32722374	244.999	300	ug/ml
Aliphatic C21-C28	13.368	17.032	38886079	328.686	400	ug/ml
Aliphatic C28-C40	17.033	22.008	43329576	454.592	600	ug/ml
Aliphatic EPH	3.296	22.008	157866369	1330		ug/ml
ortho-Terphenyl (SURR)	11.666	11.666	5388201	36.12		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	4191300	38.44		ug/ml
Aliphatic C9-C28	3.296	17.032	114536793	872.017	1200	ug/ml

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Inital Calibration Report for SequenceID : FC080125AL

AreaCount

Parameter Range	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.D	
Aliphatic C9-C12	42068648.000	19691016.000	8965532.000	4370721.000	2351668.000	
Aliphatic C12-C16	27843527.000	13014807.000	5942321.000	2897742.000	1543652.000	
Aliphatic C16-C21	38214284.000	18201524.000	8181971.000	4119976.000	2180745.000	
Aliphatic C21-C28	44820531.000	21625949.000	9610305.000	4868005.000	2590582.000	
Aliphatic C28-C40	52282691.000	25521026.000	11594465.000	5791453.000	3336702.000	
Aliphatic EPH	205229681.000	98054322.000	44294594.000	22047897.000	12003349.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	144679.273333	6.643				
Aliphatic C12-C16	143435.206	6.448				
Aliphatic C16-C21	133561.231333	6.997				
Aliphatic C21-C28	118307.822	7.116				
Aliphatic C28-C40	95315.2126662	10.853				
Aliphatic EPH	120373.0272216	7.787				

Concentration

Parameter Range	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.D	
Aliphatic C9-C12	140228.826666	131273.440000	149425.533333	145690.700000	156777.866666	
Aliphatic C12-C16	139217.635000	130148.070000	148558.025000	144887.100000	154365.200000	
Aliphatic C16-C21	127380.946666	121343.493333	136366.183333	137332.533333	145383.000000	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Inital Calibration Report for SequenceID : FC080125AL

Aliphatic C21-C28	112051.327500	108129.745000	120128.812500	121700.125000	129529.100000	
Aliphatic C28-C40	87137.818333	85070.086666	96620.541666	96524.216666	111223.400000	
Aliphatic EPH	114016.489444	108949.246666	123040.538888	122488.316666	133370.544444	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Inital Calibration Report for SequenceID : FE080125AL

AreaCount

Parameter Range	FE055102.D	FE055103.D	FE055104.D	FE055105.D	FE055106.D	
Aliphatic C9-C12	32408754.000	16891181.000	7003710.000	3577317.000	1909553.000	
Aliphatic C12-C16	23084106.000	11985802.000	4993920.000	2562730.000	1378723.000	
Aliphatic C16-C21	35136636.000	18127790.000	7566457.000	3893517.000	2072383.000	
Aliphatic C21-C28	44556926.000	23024093.000	9601695.000	4948829.000	2645478.000	
Aliphatic C28-C40	61529999.000	31908743.000	13279856.000	7025222.000	3998130.000	
Aliphatic EPH	196716421.000	101937609.000	42445638.000	22007615.000	12004267.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	116782.5973332	6.216				
Aliphatic C12-C16	125227.07	6.84				
Aliphatic C16-C21	126404.887333	6.459				
Aliphatic C21-C28	120505.7185	6.705				
Aliphatic C28-C40	113987.1949996	10.577				
Aliphatic EPH	119220.1465552	7.797				

Concentration

Parameter Range	FE055102.D	FE055103.D	FE055104.D	FE055105.D	FE055106.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE055102.D	FE055103.D	FE055104.D	FE055105.D	FE055106.D	
Aliphatic C9-C12	108029.180000	112607.873333	116728.500000	119243.900000	127303.533333	
Aliphatic C12-C16	115420.530000	119858.020000	124848.000000	128136.500000	137872.300000	
Aliphatic C16-C21	117122.120000	120851.933333	126107.616666	129783.900000	138158.866666	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Inital Calibration Report for SequenceID : FE080125AL

Aliphatic C21-C28	111392.315000	115120.465000	120021.187500	123720.725000	132273.900000	
Aliphatic C28-C40	102549.998333	106362.476666	110665.466666	117087.033333	133271.000000	
Aliphatic EPH	109286.900555	113264.010000	117904.550000	122264.527777	133380.744444	

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055102.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 11:24
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Aug 01 12:58:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 12:56:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.095	13258959	96.436 ug/ml
Spiked Amount	50.000		Recovery =	192.87%
12) S	1-chlorooctadecane (S...	13.529	10060078	96.779 ug/ml
Spiked Amount	50.000		Recovery =	193.56%
	Target Compounds			
1) T	n-Nonane (C9)	3.426	10566449	95.907 ug/ml
2) T	n-Decane (C10)	4.686	10785569	96.140 ug/ml
3) T	A~Naphthalene (C11.7)	6.406	12473805	96.312 ug/ml
4) T	n-Dodecane (C12)	6.863	11056736	96.333 ug/ml
5) T	A~2-methylnaphthalene...	7.509	12240152	96.717 ug/ml
6) T	n-Tetradecane (C14)	8.700	11258265	95.907 ug/ml
7) T	n-Hexadecane (C16)	10.316	11825841	96.238 ug/ml
8) T	n-Octadecane (C18)	11.768	12080672	96.276 ug/ml
10) T	n-Eicosane (C20)	13.081	11630709	96.308 ug/ml
11) T	n-Heneicosane (C21)	13.696	11425255	96.335 ug/ml
13) T	n-Docosane (C22)	14.284	11344173	96.437 ug/ml
14) T	n-Tetracosane (C24)	15.391	11250576	96.251 ug/ml
15) T	n-Hexacosane (C26)	16.414	11078971	96.324 ug/ml
16) T	n-Octacosane (C28)	17.367	10883206	96.067 ug/ml
17) T	n-Tricontane (C30)	18.257	11064265	95.655 ug/ml
18) T	n-Dotriacontane (C32)	19.090	10837325	95.887 ug/ml
19) T	n-Tetratriacontane (C34)	19.876	10452018	96.017 ug/ml
20) T	n-Hexatriacontane (C36)	20.616	9856874	96.586 ug/ml
21) T	n-Octatriacontane (C38)	21.400	9704662	96.195 ug/ml
22) T	n-Tetracontane (C40)	22.396	9614855	96.961 ug/ml

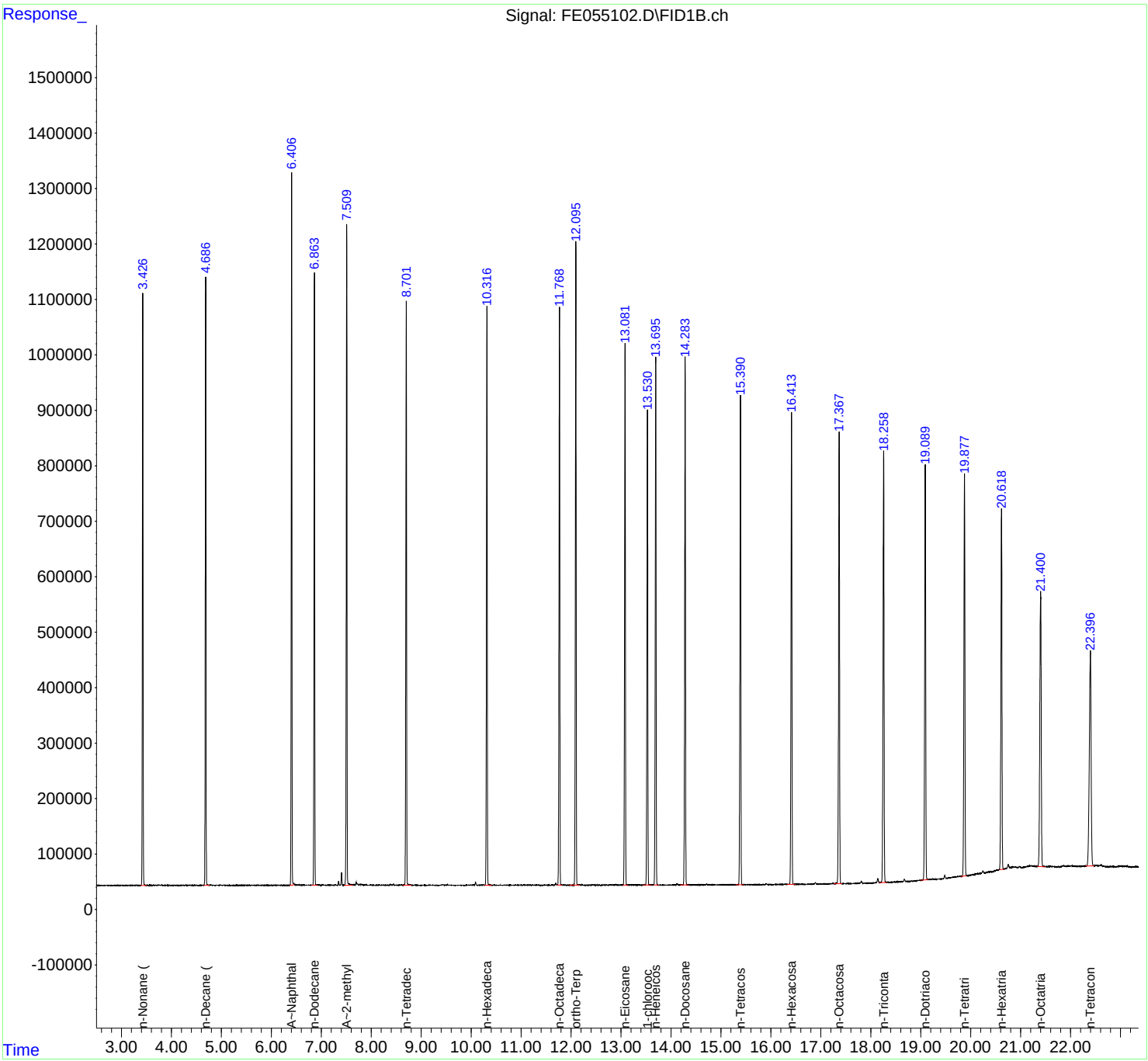
(f)=RT Delta > 1/2 Window (m)=manual int.

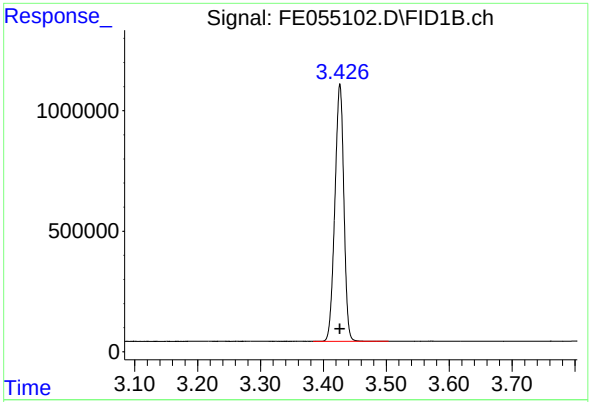
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055102.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 11:24
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Aug 01 12:58:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 12:56:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

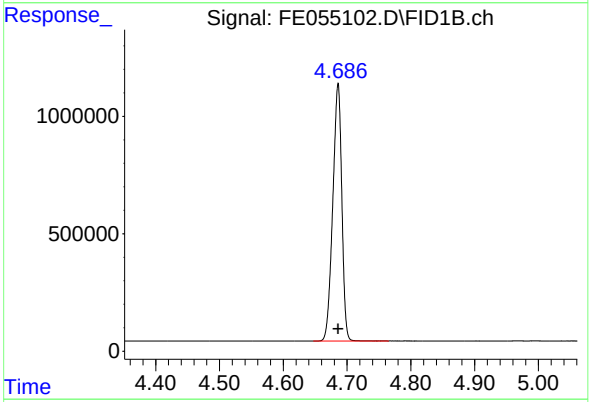




#1 n-Nonane (C9)

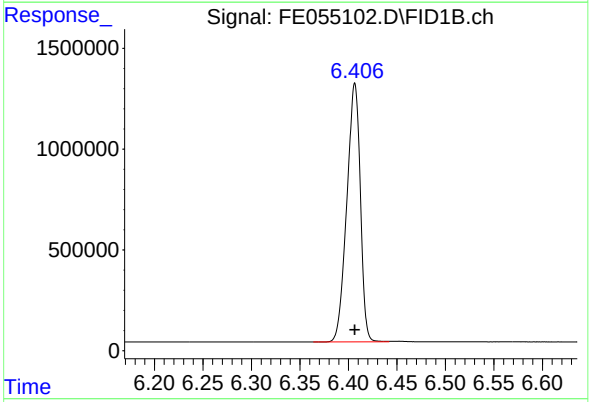
R.T.: 3.426 min
Delta R.T.: 0.000 min
Response: 10566449
Conc: 95.91 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



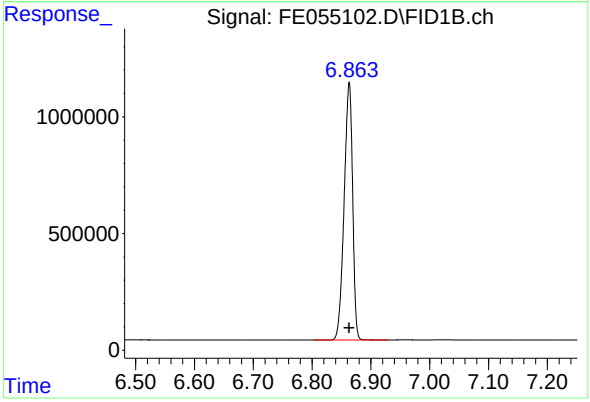
#2 n-Decane (C10)

R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 10785569
Conc: 96.14 ug/ml



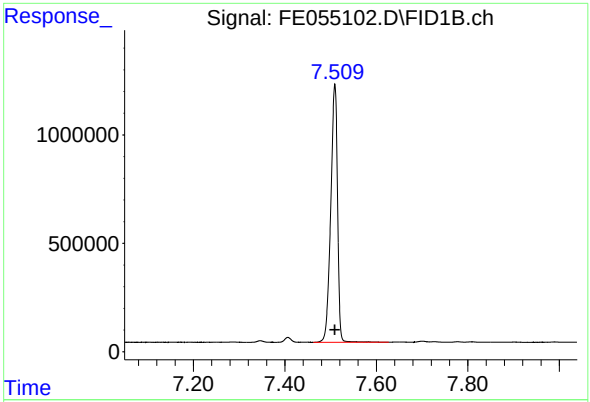
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 12473805
Conc: 96.31 ug/ml



#4 n-Dodecane (C12)

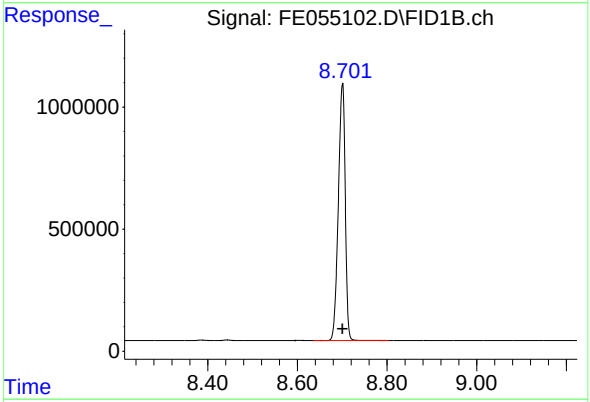
R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 11056736
Conc: 96.33 ug/ml



#5 A~2-methylnaphthalene (C12.89)

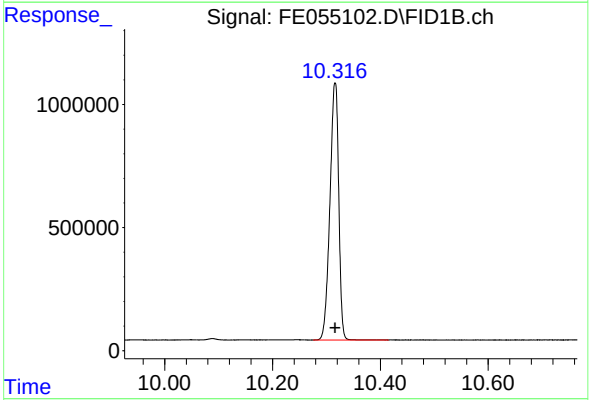
R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 12240152
Conc: 96.72 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



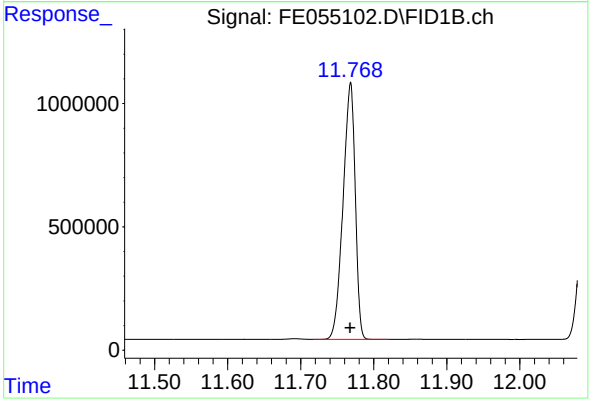
#6 n-Tetradecane (C14)

R.T.: 8.700 min
Delta R.T.: 0.000 min
Response: 11258265
Conc: 95.91 ug/ml



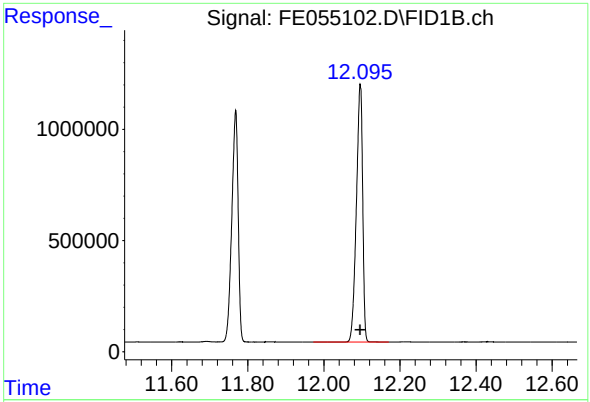
#7 n-Hexadecane (C16)

R.T.: 10.316 min
Delta R.T.: 0.000 min
Response: 11825841
Conc: 96.24 ug/ml



#8 n-Octadecane (C18)

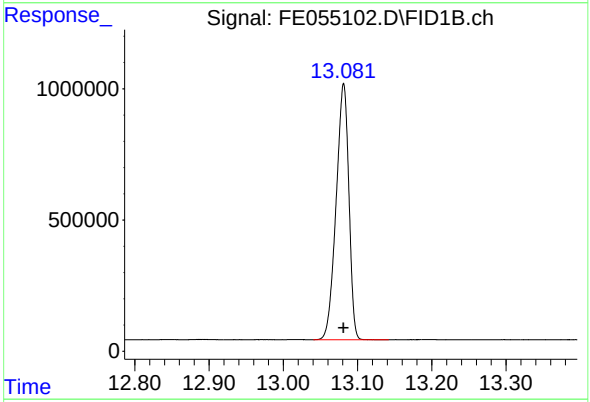
R.T.: 11.768 min
Delta R.T.: 0.000 min
Response: 12080672
Conc: 96.28 ug/ml



#9 ortho-Terphenyl (SURR)

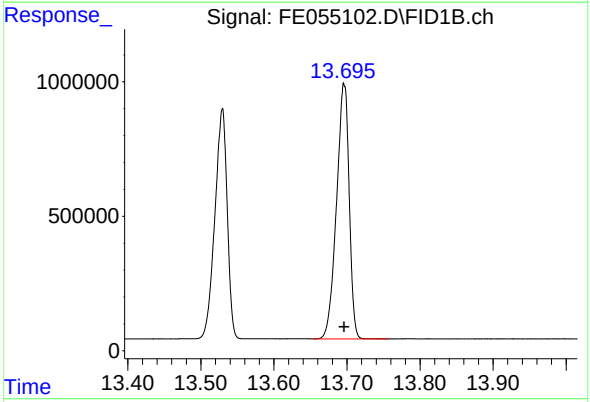
R.T.: 12.095 min
Delta R.T.: 0.000 min
Response: 13258959
Conc: 96.44 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



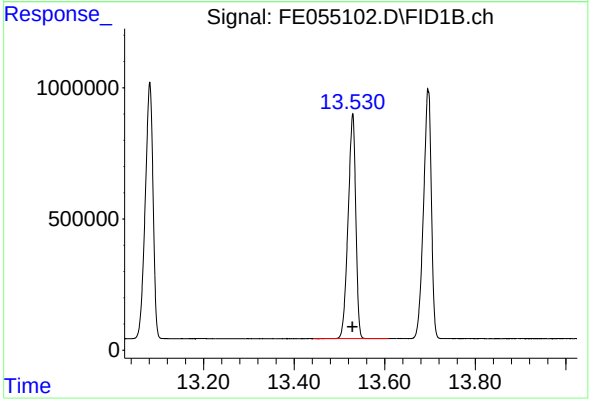
#10 n-Eicosane (C20)

R.T.: 13.081 min
Delta R.T.: 0.000 min
Response: 11630709
Conc: 96.31 ug/ml



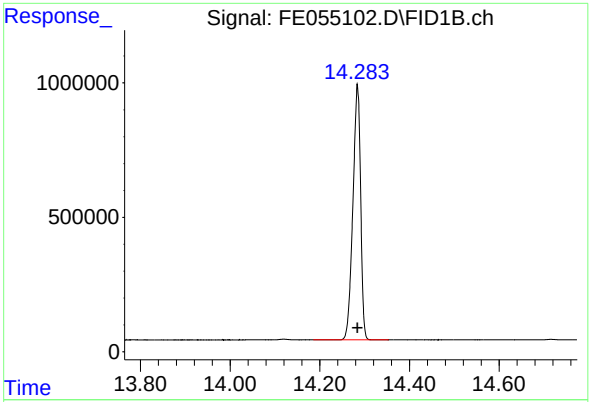
#11 n-Heneicosane (C21)

R.T.: 13.696 min
Delta R.T.: 0.000 min
Response: 11425255
Conc: 96.33 ug/ml



#12 1-chlorooctadecane (SURR)

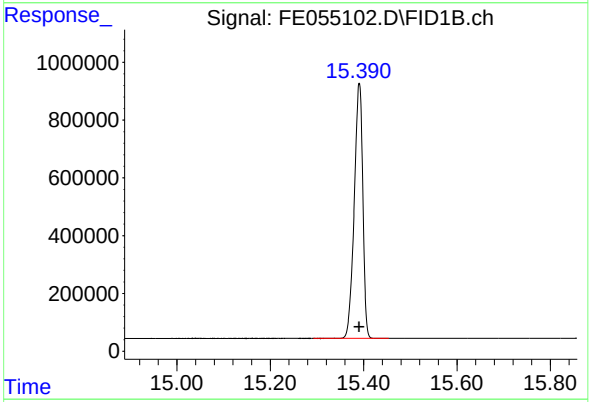
R.T.: 13.529 min
Delta R.T.: 0.000 min
Response: 10060078
Conc: 96.78 ug/ml



#13 n-Docosane (C22)

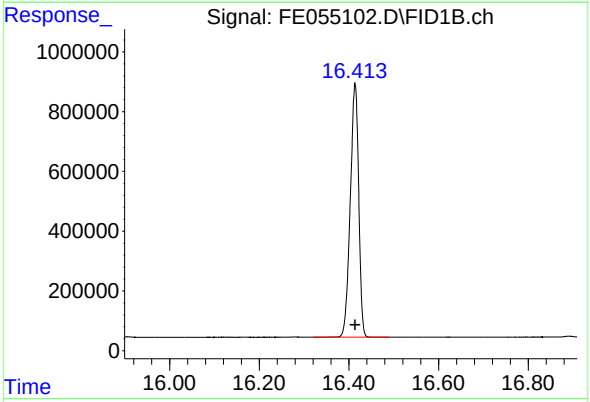
R.T.: 14.284 min
Delta R.T.: 0.000 min
Response: 11344173
Conc: 96.44 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



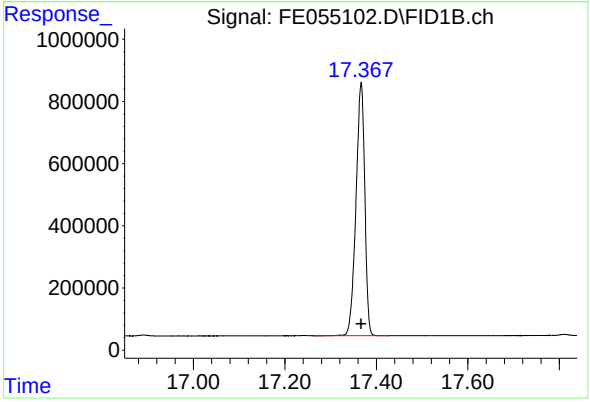
#14 n-Tetracosane (C24)

R.T.: 15.391 min
Delta R.T.: 0.000 min
Response: 11250576
Conc: 96.25 ug/ml



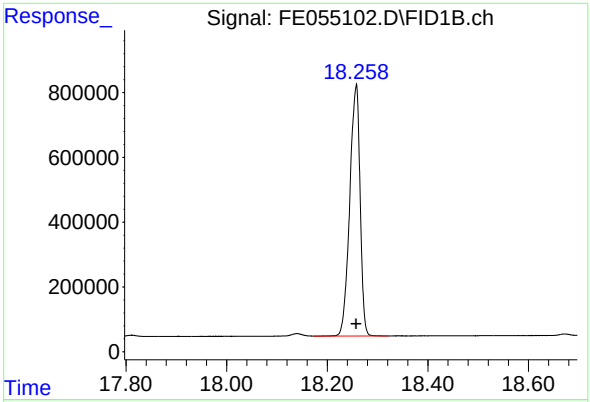
#15 n-Hexacosane (C26)

R.T.: 16.414 min
Delta R.T.: 0.000 min
Response: 11078971
Conc: 96.32 ug/ml



#16 n-Octacosane (C28)

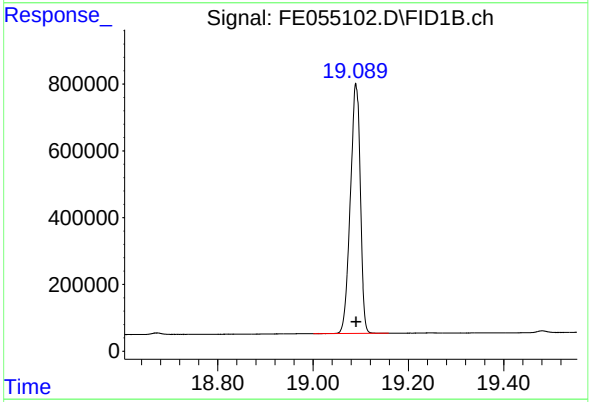
R.T.: 17.367 min
Delta R.T.: 0.000 min
Response: 10883206
Conc: 96.07 ug/ml



#17 n-Tricontane (C30)

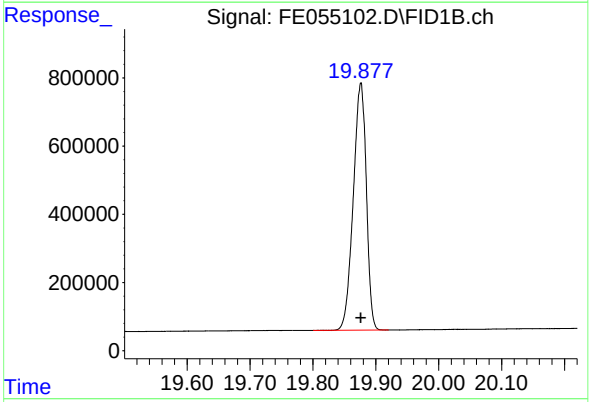
R.T.: 18.257 min
Delta R.T.: 0.000 min
Response: 11064265
Conc: 95.65 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



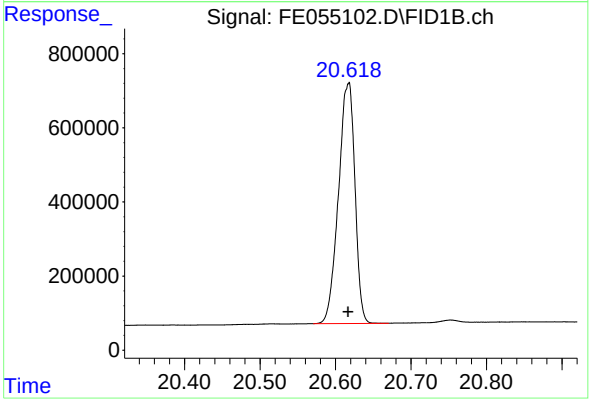
#18 n-Dotriacontane (C32)

R.T.: 19.090 min
Delta R.T.: 0.000 min
Response: 10837325
Conc: 95.89 ug/ml



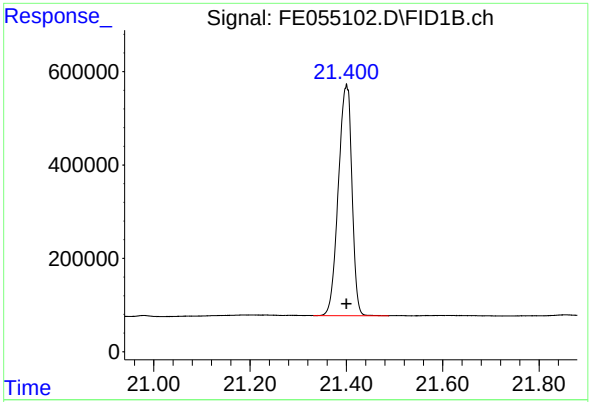
#19 n-Tetratriacontane (C34)

R.T.: 19.876 min
Delta R.T.: 0.000 min
Response: 10452018
Conc: 96.02 ug/ml



#20 n-Hexatriacontane (C36)

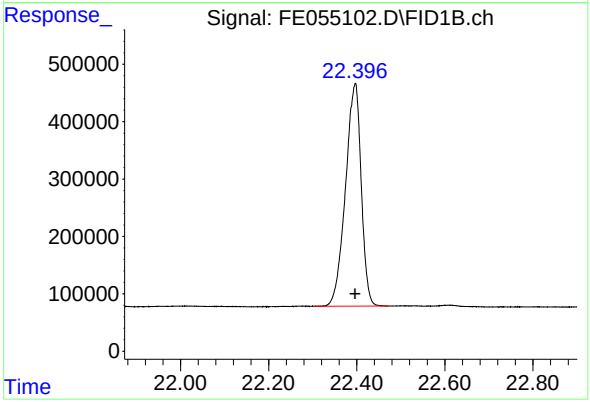
R.T.: 20.616 min
Delta R.T.: 0.000 min
Response: 9856874
Conc: 96.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.400 min
Delta R.T.: 0.000 min
Response: 9704662
Conc: 96.20 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.396 min
Delta R.T.: 0.000 min
Response: 9614855
Conc: 96.96 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055102.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 11:24
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.426	3.384	3.504	BB	1070986	10566449	79.69%	4.317%
2	4.686	4.647	4.765	BB	1091801	10785569	81.35%	4.407%
3	6.406	6.364	6.441	BV	1287901	12473805	94.08%	5.097%
4	6.863	6.802	6.930	BB	1111094	11056736	83.39%	4.518%
5	7.509	7.462	7.627	BV	1186565	12240152	92.32%	5.001%
6	8.700	8.635	8.804	BB	1051624	11258265	84.91%	4.600%
7	10.316	10.275	10.415	PB	1047662	11825841	89.19%	4.832%
8	11.768	11.717	11.820	VB	1049537	12080672	91.11%	4.936%
9	12.095	11.972	12.170	BB	1162473	13258959	100.00%	5.417%
10	13.081	13.040	13.142	PB	976332	11630709	87.72%	4.752%
11	13.529	13.442	13.609	BB	855859	10060078	75.87%	4.110%
12	13.696	13.654	13.757	PB	952985	11425255	86.17%	4.668%
13	14.284	14.185	14.354	BB	950759	11344173	85.56%	4.635%
14	15.391	15.292	15.454	BB	884285	11250576	84.85%	4.597%
15	16.414	16.320	16.489	BB	851287	11078971	83.56%	4.527%
16	17.367	17.262	17.427	BV	815166	10883206	82.08%	4.447%
17	18.257	18.172	18.322	VV	769818	11064265	83.45%	4.521%
18	19.090	19.000	19.159	BB	743160	10837325	81.74%	4.428%
19	19.876	19.800	19.920	BV	723914	10452018	78.83%	4.270%
20	20.617	20.570	20.670	BV	647925	9856874	74.34%	4.027%
21	21.400	21.331	21.488	BV	493523	9704662	73.19%	3.965%
22	22.396	22.301	22.472	BV	390989	9614855	72.52%	3.928%

Sum of corrected areas: 244749413

Aliphatic EPH 080125.M Fri Aug 01 15:06:37 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055103.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 11:54
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Aug 01 13:00:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 12:56:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.090	6842277	49.844 ug/ml
Spiked Amount	50.000		Recovery =	99.69%
12) S	1-chlorooctadecane (S...	13.525	5171408	49.833 ug/ml
Spiked Amount	50.000		Recovery =	99.67%
	Target Compounds			
1) T	n-Nonane (C9)	3.424	5514791	50.037 ug/ml
2) T	n-Decane (C10)	4.683	5622532	50.078 ug/ml
3) T	A~Naphthalene (C11.7)	6.403	6498529	50.117 ug/ml
4) T	n-Dodecane (C12)	6.859	5753858	50.087 ug/ml
5) T	A~2-methylnaphthalene...	7.505	6326213	49.992 ug/ml
6) T	n-Tetradecane (C14)	8.697	5858546	49.938 ug/ml
7) T	n-Hexadecane (C16)	10.312	6127256	49.909 ug/ml
8) T	n-Octadecane (C18)	11.763	6239947	49.819 ug/ml
10) T	n-Eicosane (C20)	13.077	5995916	49.766 ug/ml
11) T	n-Heneicosane (C21)	13.691	5891927	49.786 ug/ml
13) T	n-Docosane (C22)	14.280	5850962	49.826 ug/ml
14) T	n-Tetracosane (C24)	15.386	5809853	49.802 ug/ml
15) T	n-Hexacosane (C26)	16.410	5728334	49.869 ug/ml
16) T	n-Octacosane (C28)	17.363	5634944	49.826 ug/ml
17) T	n-Tricontane (C30)	18.252	5744409	49.775 ug/ml
18) T	n-Dotriacontane (C32)	19.086	5642852	49.951 ug/ml
19) T	n-Tetratriacontane (C34)	19.872	5420838	49.865 ug/ml
20) T	n-Hexatriacontane (C36)	20.611	5110739	50.053 ug/ml
21) T	n-Octatriacontane (C38)	21.394	5015684	49.811 ug/ml
22) T	n-Tetracontane (C40)	22.388	4974221	50.108 ug/ml

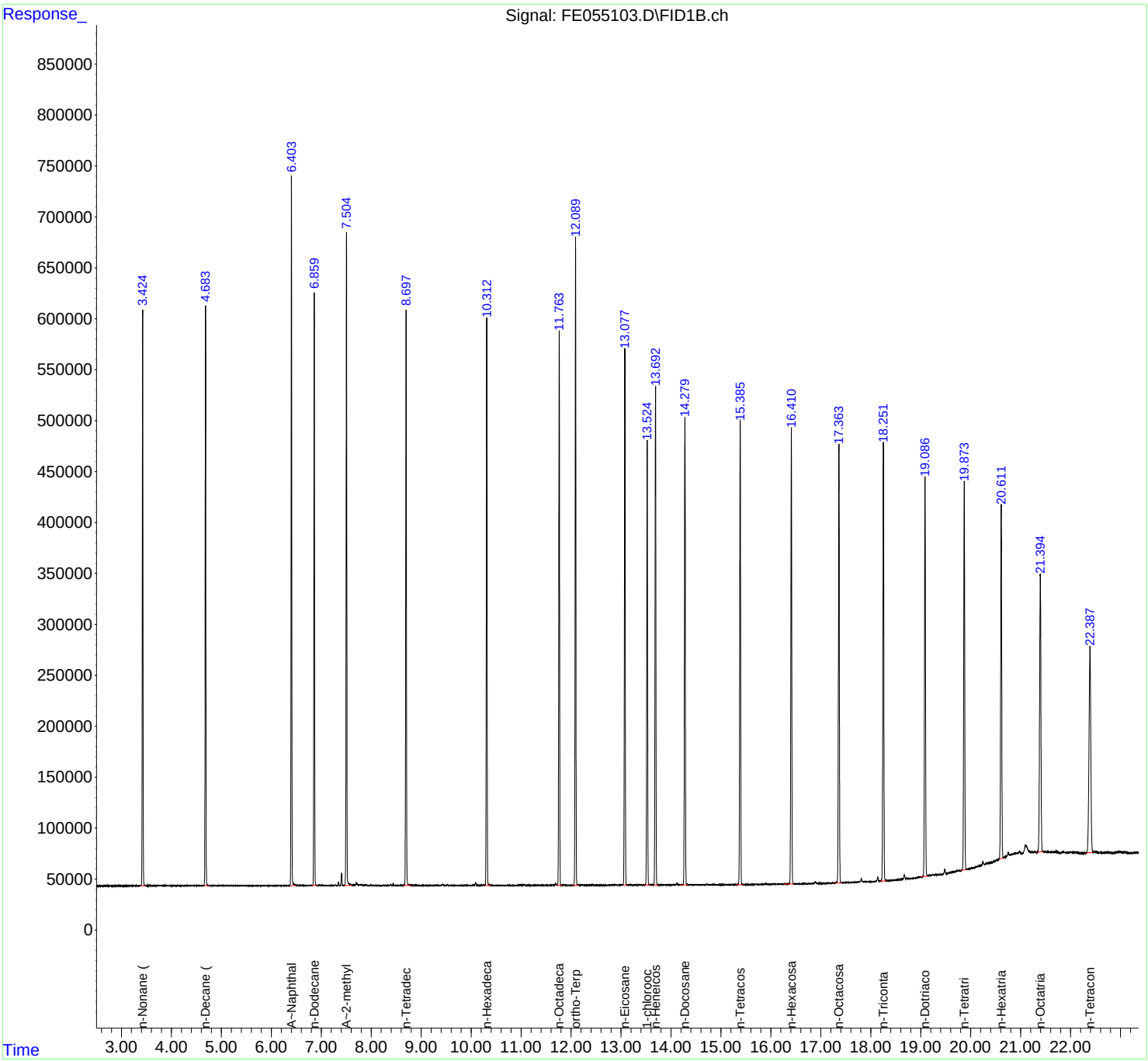
(f)=RT Delta > 1/2 Window (m)=manual int.

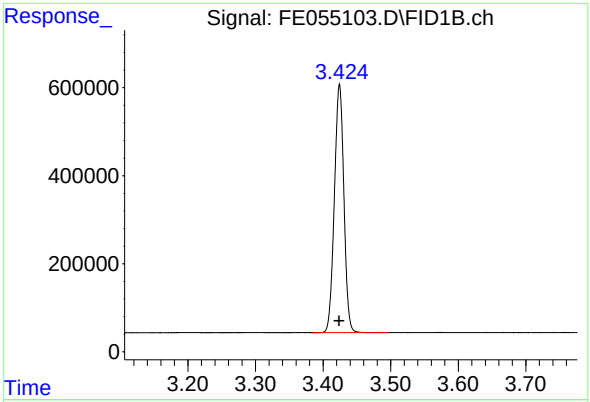
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055103.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 11:54
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Aug 01 13:00:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 12:56:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

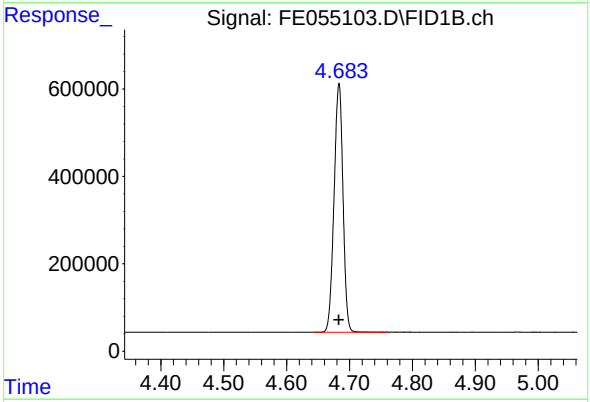




#1 n-Nonane (C9)

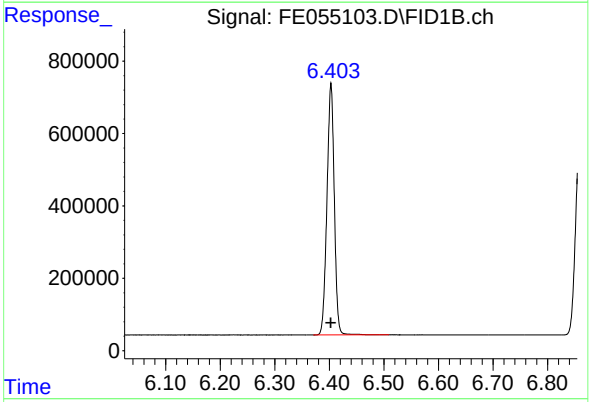
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 5514791
Conc: 50.04 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



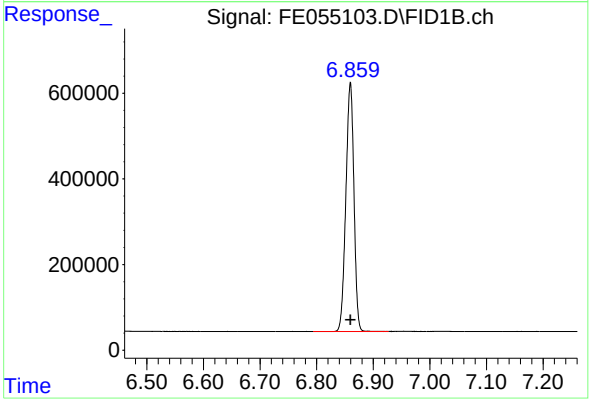
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 5622532
Conc: 50.08 ug/ml



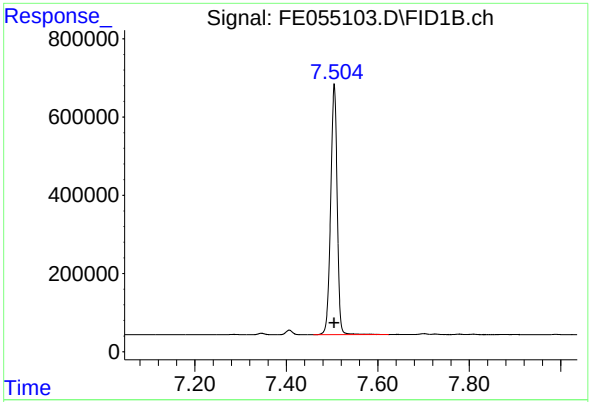
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 6498529
Conc: 50.12 ug/ml



#4 n-Dodecane (C12)

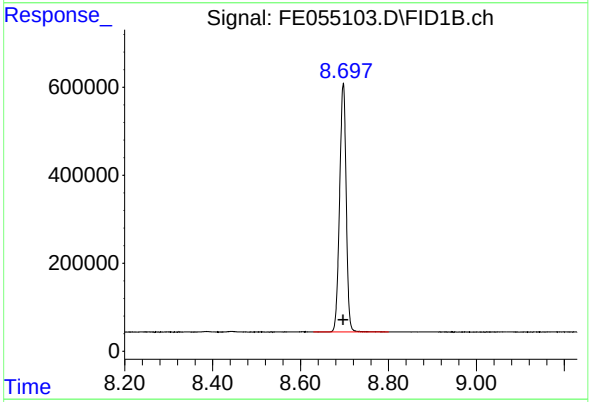
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 5753858
Conc: 50.09 ug/ml



#5 A~2-methylnaphthalene (C12.89)

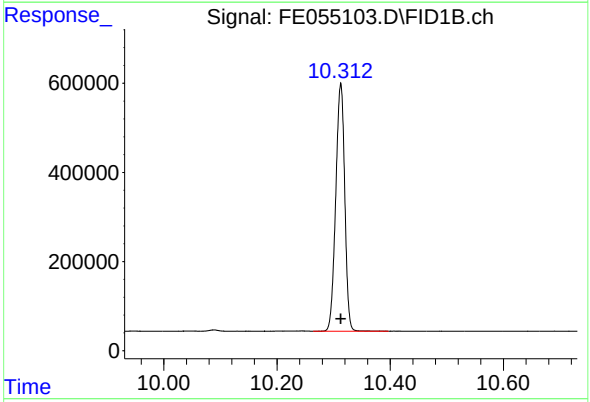
R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 6326213
Conc: 49.99 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



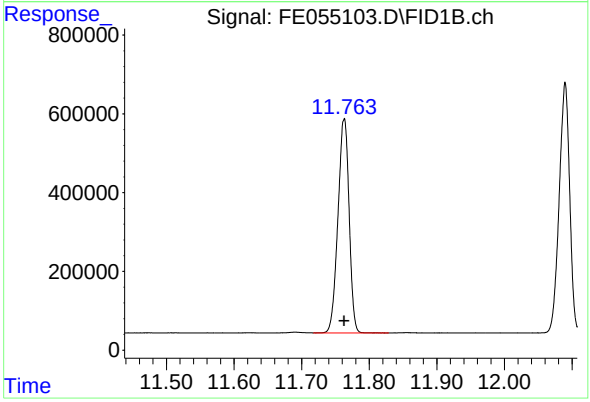
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 5858546
Conc: 49.94 ug/ml



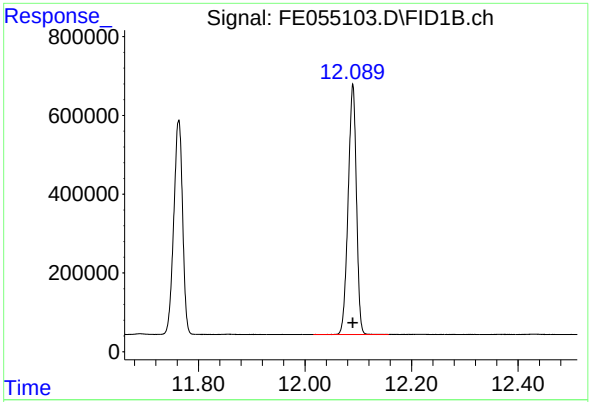
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.000 min
Response: 6127256
Conc: 49.91 ug/ml



#8 n-Octadecane (C18)

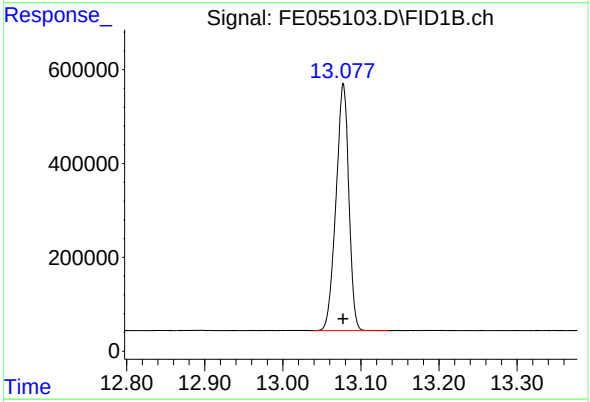
R.T.: 11.763 min
Delta R.T.: 0.000 min
Response: 6239947
Conc: 49.82 ug/ml



#9 ortho-Terphenyl (SURR)

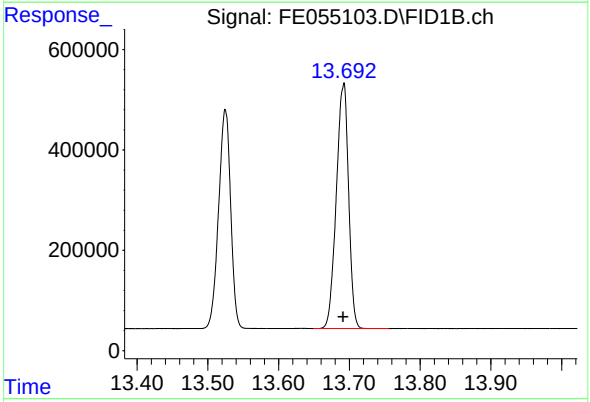
R.T.: 12.090 min
Delta R.T.: 0.000 min
Response: 6842277
Conc: 49.84 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



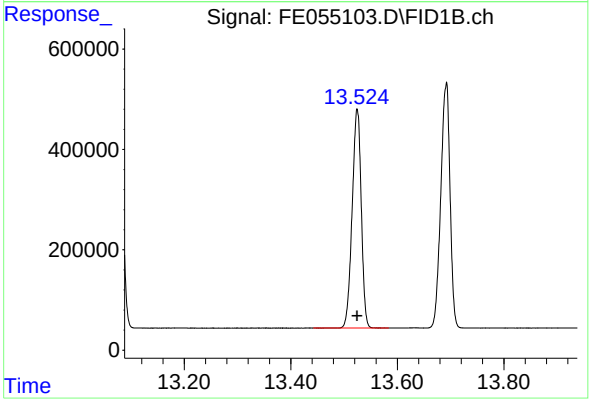
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.000 min
Response: 5995916
Conc: 49.77 ug/ml



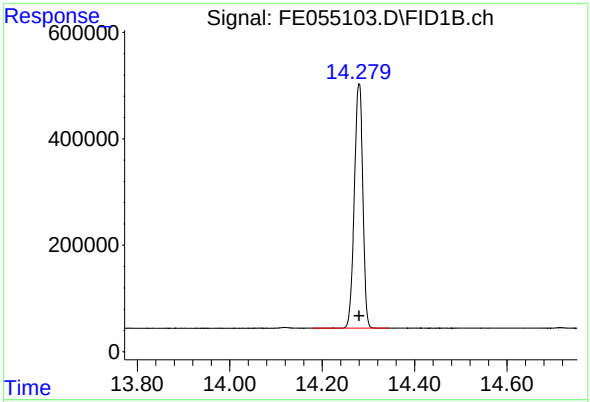
#11 n-Heneicosane (C21)

R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 5891927
Conc: 49.79 ug/ml



#12 1-chlorooctadecane (SURR)

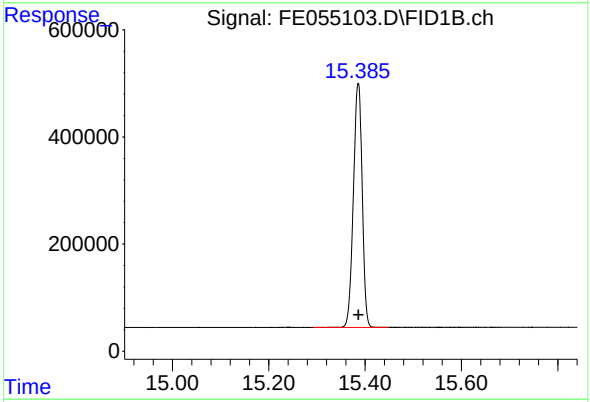
R.T.: 13.525 min
Delta R.T.: 0.000 min
Response: 5171408
Conc: 49.83 ug/ml



#13 n-Docosane (C22)

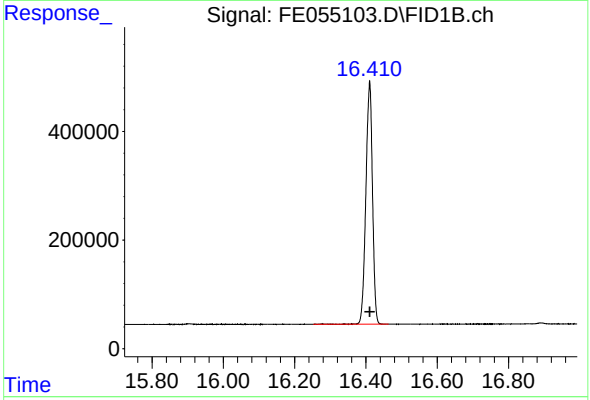
R.T.: 14.280 min
Delta R.T.: 0.000 min
Response: 5850962
Conc: 49.83 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



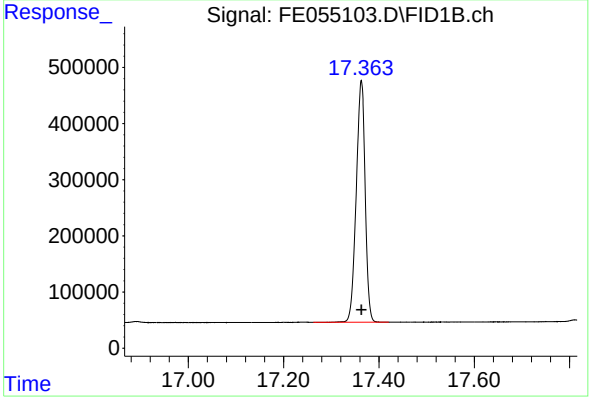
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.000 min
Response: 5809853
Conc: 49.80 ug/ml



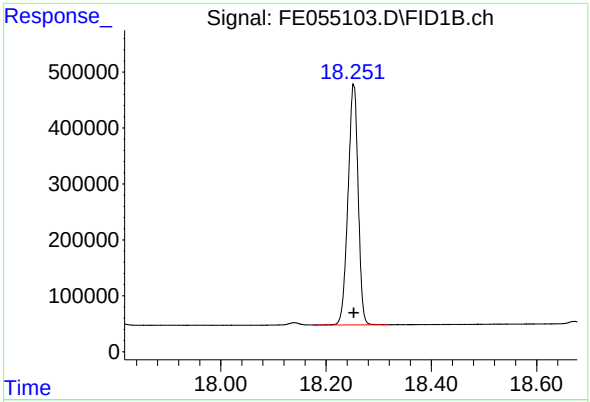
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.000 min
Response: 5728334
Conc: 49.87 ug/ml



#16 n-Octacosane (C28)

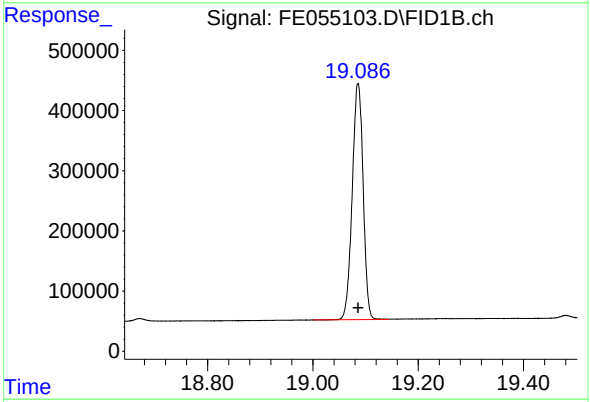
R.T.: 17.363 min
Delta R.T.: 0.000 min
Response: 5634944
Conc: 49.83 ug/ml



#17 n-Tricontane (C30)

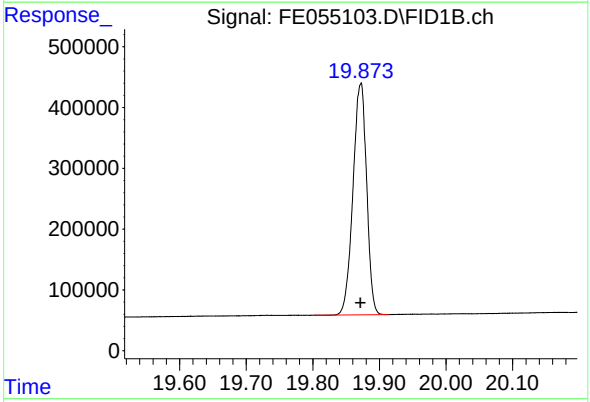
R.T.: 18.252 min
Delta R.T.: 0.000 min
Response: 5744409
Conc: 49.77 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



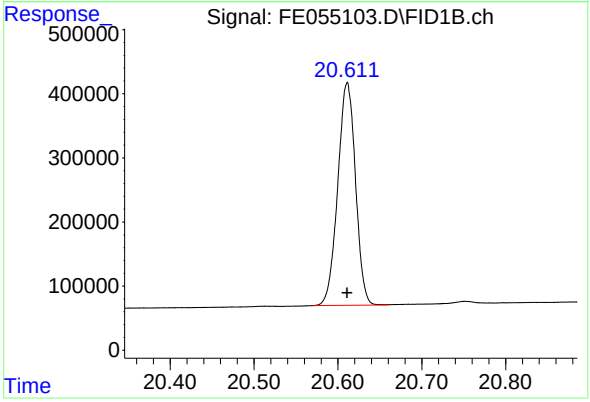
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.000 min
Response: 5642852
Conc: 49.95 ug/ml



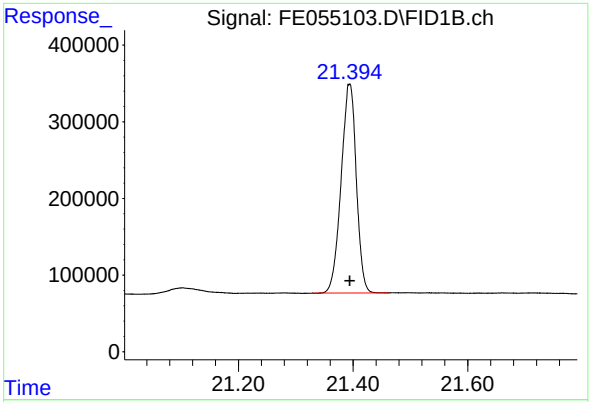
#19 n-Tetratriacontane (C34)

R.T.: 19.872 min
Delta R.T.: 0.000 min
Response: 5420838
Conc: 49.87 ug/ml



#20 n-Hexatriacontane (C36)

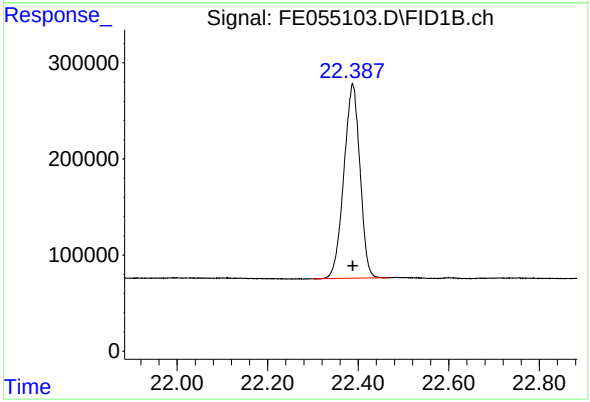
R.T.: 20.611 min
Delta R.T.: 0.000 min
Response: 5110739
Conc: 50.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.000 min
Response: 5015684
Conc: 49.81 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.388 min
Delta R.T.: 0.000 min
Response: 4974221
Conc: 50.11 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055103.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 11:54
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.424	3.385	3.497	BB	563993	5514791	80.60%	4.350%
2	4.683	4.642	4.762	BB	572237	5622532	82.17%	4.435%
3	6.403	6.370	6.509	BB	697210	6498529	94.98%	5.126%
4	6.859	6.794	6.927	BB	579388	5753858	84.09%	4.539%
5	7.505	7.459	7.624	BV	640818	6326213	92.46%	4.990%
6	8.697	8.629	8.800	BB	563836	5858546	85.62%	4.621%
7	10.312	10.264	10.397	PB	554501	6127256	89.55%	4.833%
8	11.763	11.717	11.829	VB	543106	6239947	91.20%	4.922%
9	12.090	12.015	12.157	BB	638056	6842277	100.00%	5.397%
10	13.077	13.039	13.135	PB	527247	5995916	87.63%	4.730%
11	13.525	13.442	13.584	BB	435482	5171408	75.58%	4.079%
12	13.691	13.649	13.755	PB	488862	5891927	86.11%	4.648%
13	14.280	14.180	14.344	BB	459818	5850962	85.51%	4.615%
14	15.386	15.292	15.449	BB	456155	5809853	84.91%	4.583%
15	16.410	16.252	16.464	BB	448448	5728334	83.72%	4.518%
16	17.363	17.262	17.420	BB	429672	5634944	82.35%	4.445%
17	18.252	18.175	18.319	PB	429799	5744409	83.95%	4.531%
18	19.086	19.000	19.144	BV	392159	5642852	82.47%	4.451%
19	19.872	19.800	19.914	BV	380396	5420838	79.23%	4.276%
20	20.611	20.570	20.660	BV	346747	5110739	74.69%	4.031%
21	21.394	21.330	21.462	BB	272074	5015684	73.30%	3.956%
22	22.388	22.300	22.467	BV	202367	4974221	72.70%	3.924%

Sum of corrected areas: 126776034

Aliphatic EPH 080125.M Fri Aug 01 15:05:23 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055104.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 12:25
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Aug 01 12:57:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 12:56:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	12.087	2847777	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
12)	S 1-chlorooctadecane (S...	13.522	2145943	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
	Target Compounds			
1)	T n-Nonane (C9)	3.423	2293663	20.000 ug/ml
2)	T n-Decane (C10)	4.682	2330344	20.000 ug/ml
3)	T A~Naphthalene (C11.7)	6.401	2685834	20.000 ug/ml
4)	T n-Dodecane (C12)	6.857	2379703	20.000 ug/ml
5)	T A~2-methylnaphthalene...	7.502	2614202	20.000 ug/ml
6)	T n-Tetradecane (C14)	8.695	2443850	20.000 ug/ml
7)	T n-Hexadecane (C16)	10.310	2550070	20.000 ug/ml
8)	T n-Octadecane (C18)	11.759	2603047	20.000 ug/ml
10)	T n-Eicosane (C20)	13.074	2504470	20.000 ug/ml
11)	T n-Heneicosane (C21)	13.688	2458940	20.000 ug/ml
13)	T n-Docosane (C22)	14.277	2436487	20.000 ug/ml
14)	T n-Tetracosane (C24)	15.383	2425424	20.000 ug/ml
15)	T n-Hexacosane (C26)	16.407	2384923	20.000 ug/ml
16)	T n-Octacosane (C28)	17.359	2354861	20.000 ug/ml
17)	T n-Tricontane (C30)	18.249	2413903	20.000 ug/ml
18)	T n-Dotriacontane (C32)	19.083	2353404	20.000 ug/ml
19)	T n-Tetratriacontane (C34)	19.868	2263836	20.000 ug/ml
20)	T n-Hexatriacontane (C36)	20.609	2110743	20.000 ug/ml
21)	T n-Octatriacontane (C38)	21.389	2094471	20.000 ug/ml
22)	T n-Tetracontane (C40)	22.384	2043499	20.000 ug/ml

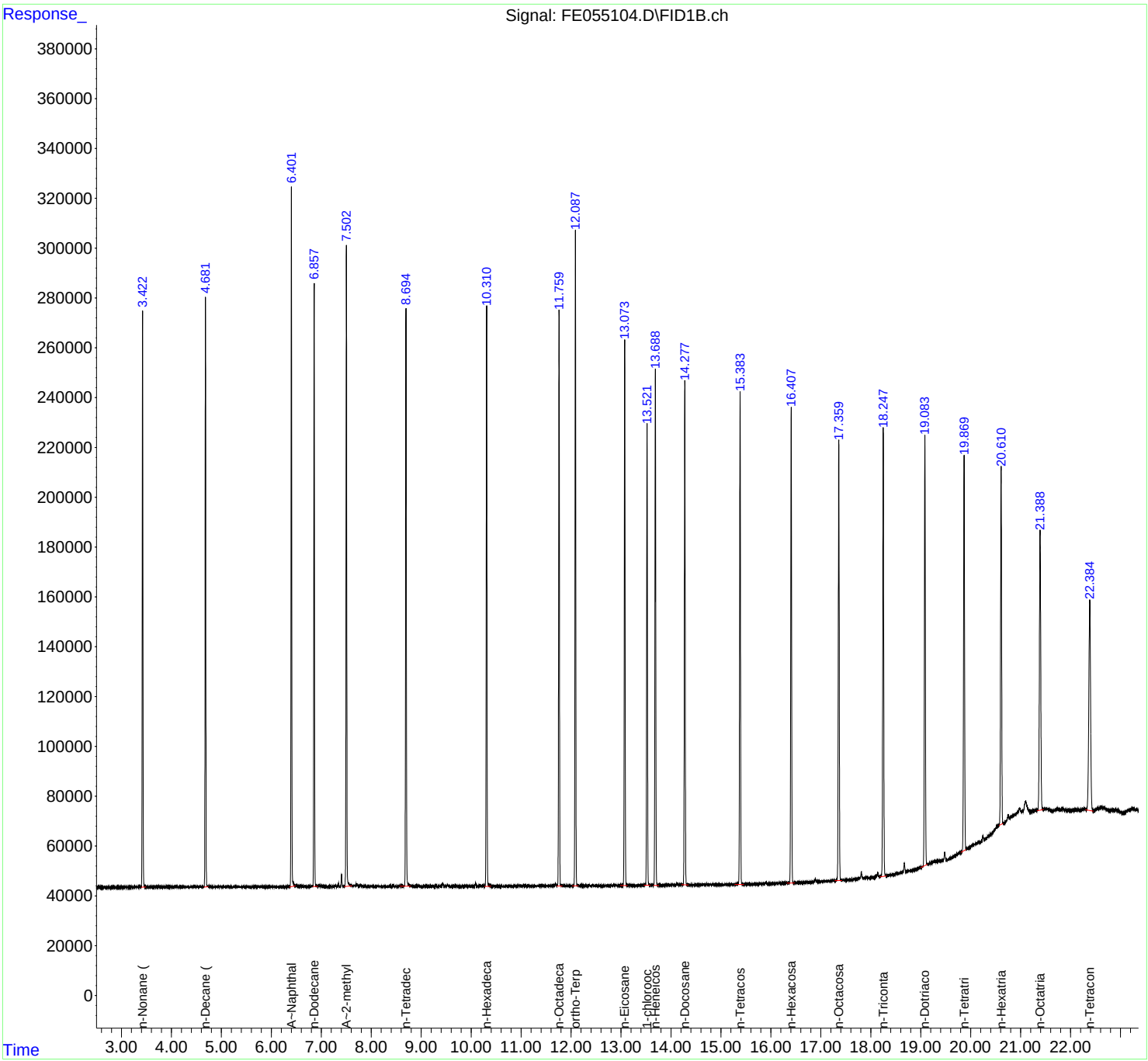
(f)=RT Delta > 1/2 Window (m)=manual int.

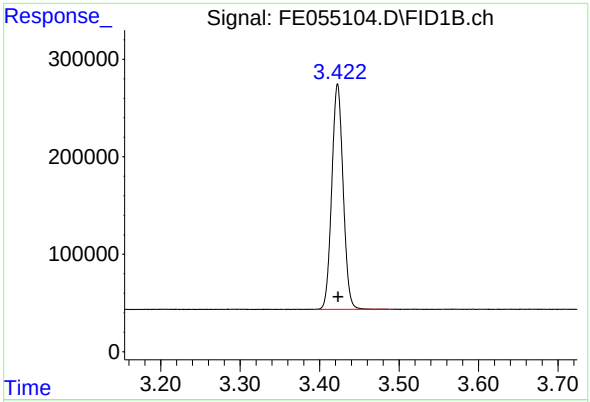
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055104.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 12:25
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Aug 01 12:57:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 12:56:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

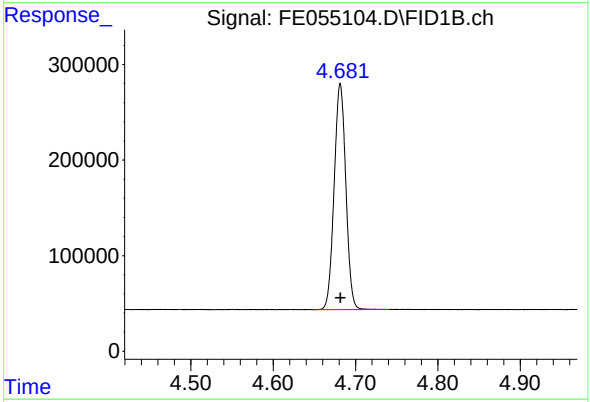




#1 n-Nonane (C9)

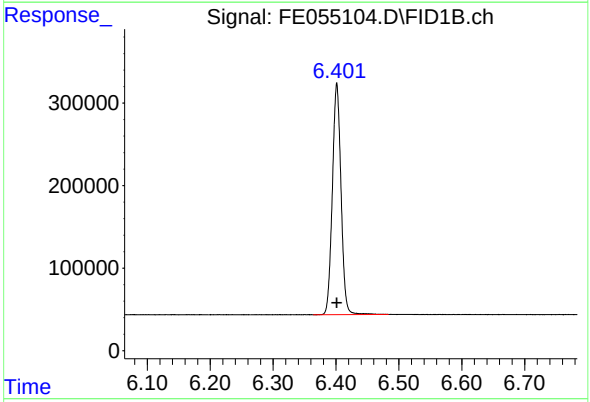
R.T.: 3.423 min
Delta R.T.: 0.000 min
Response: 2293663
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



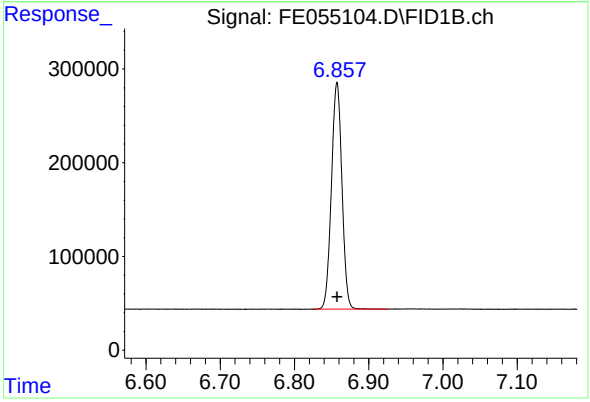
#2 n-Decane (C10)

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 2330344
Conc: 20.00 ug/ml



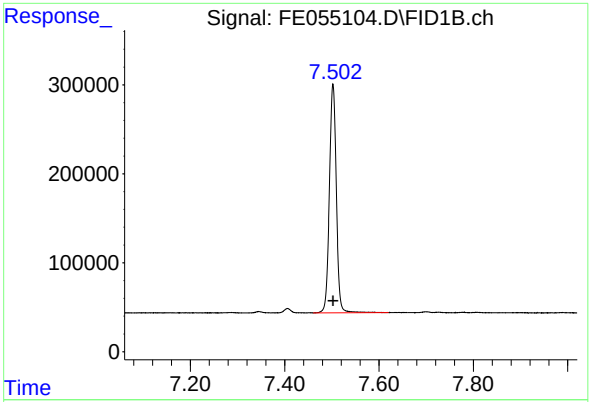
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 2685834
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

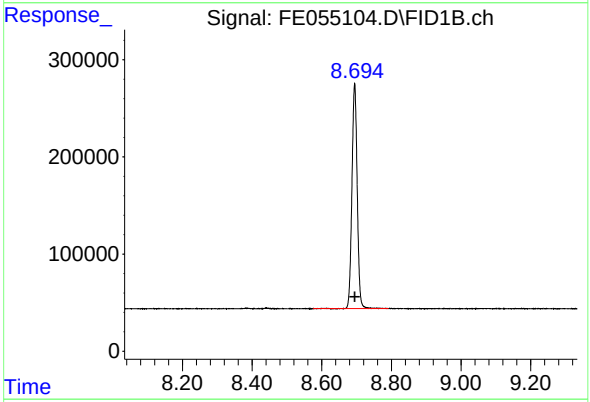
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 2379703
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

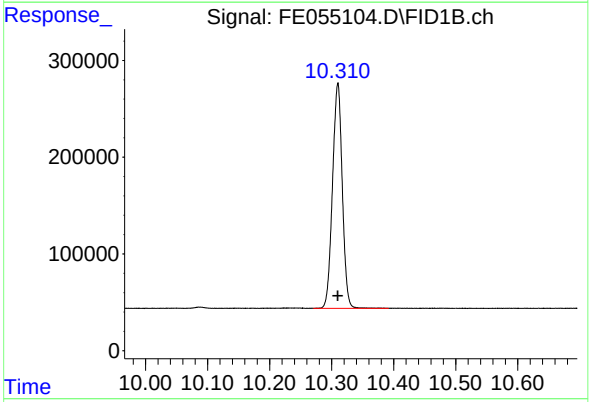
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 2614202
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



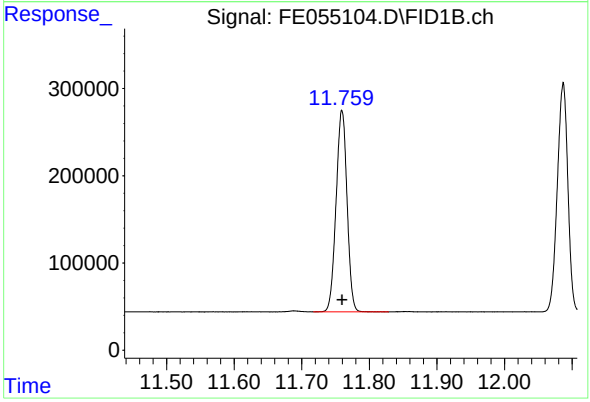
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 2443850
Conc: 20.00 ug/ml



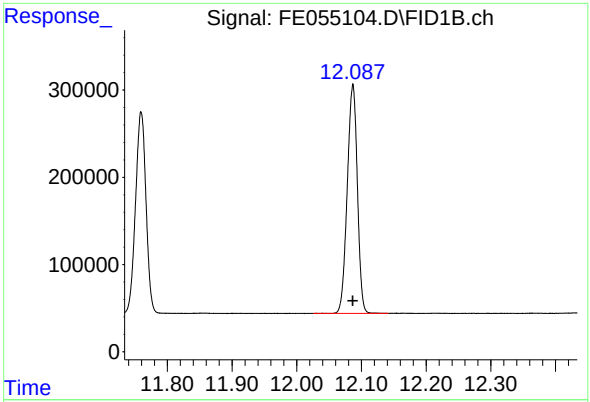
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.000 min
Response: 2550070
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

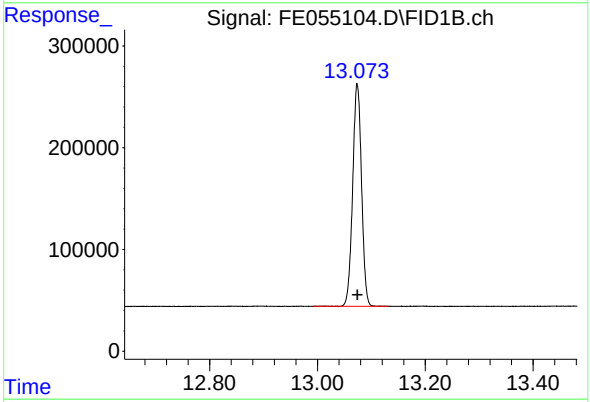
R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 2603047
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

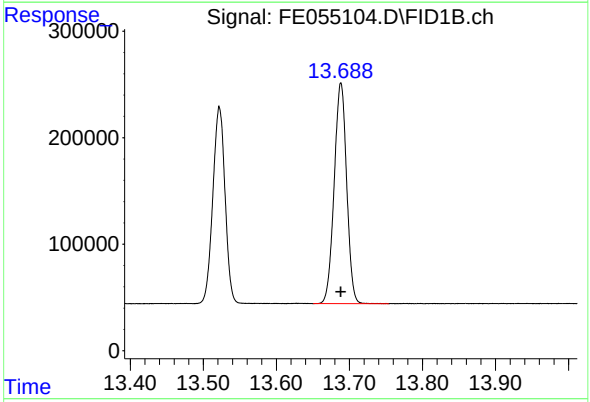
R.T.: 12.087 min
Delta R.T.: 0.000 min
Response: 2847777
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



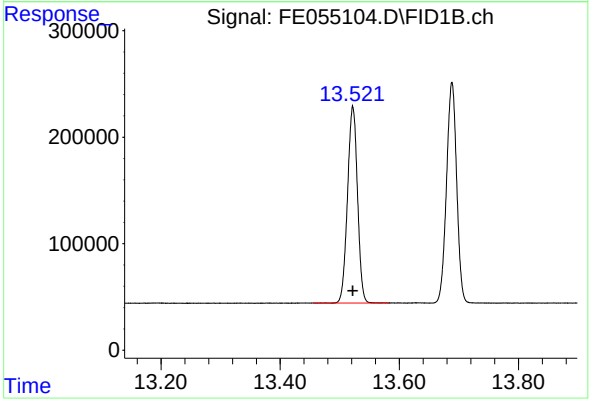
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.000 min
Response: 2504470
Conc: 20.00 ug/ml



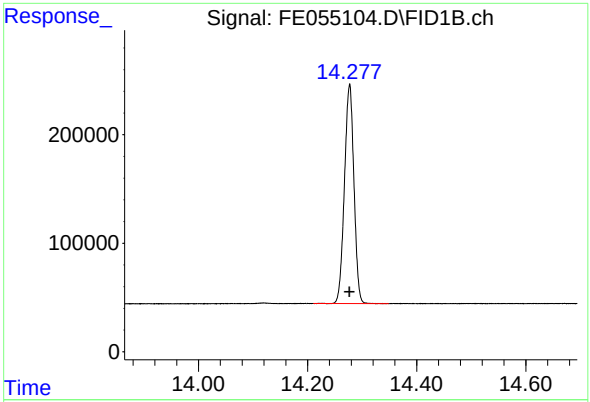
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.000 min
Response: 2458940
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

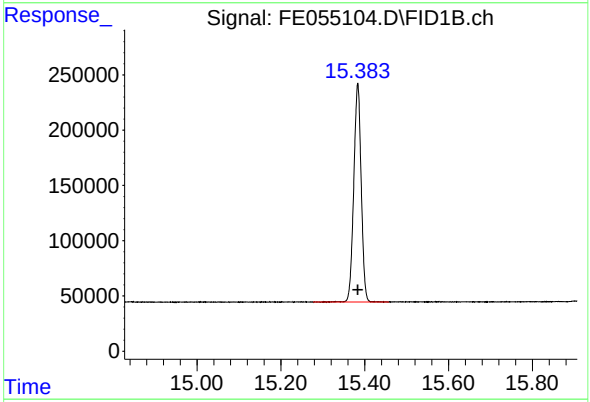
R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 2145943
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

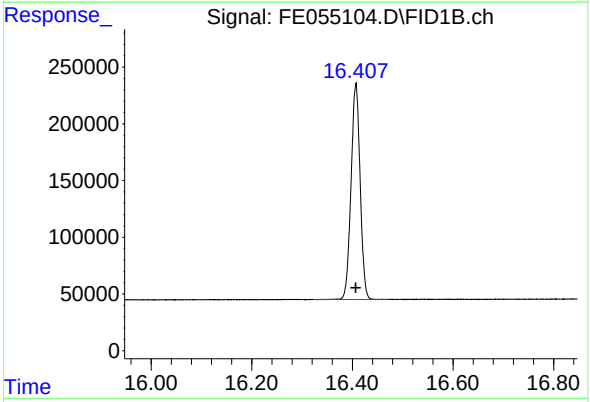
R.T.: 14.277 min
Delta R.T.: 0.000 min
Response: 2436487
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



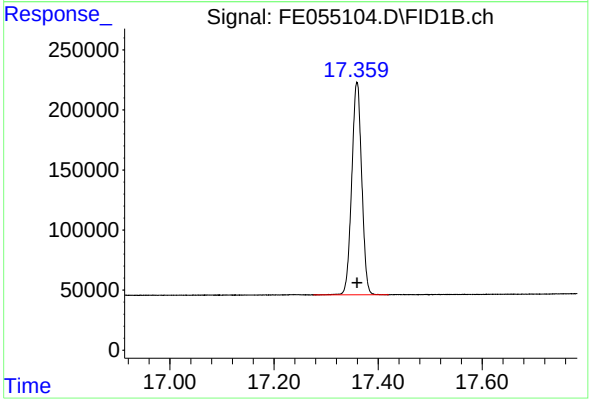
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 2425424
Conc: 20.00 ug/ml



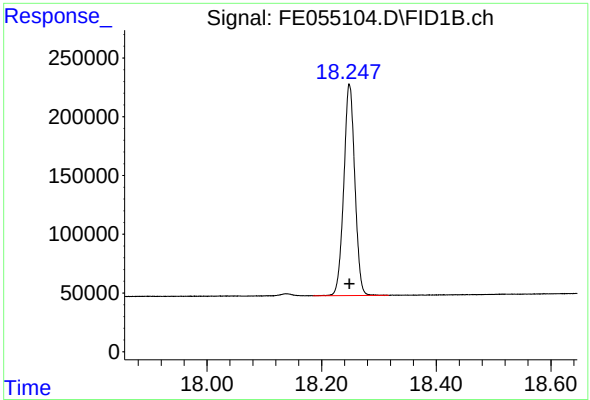
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.000 min
Response: 2384923
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

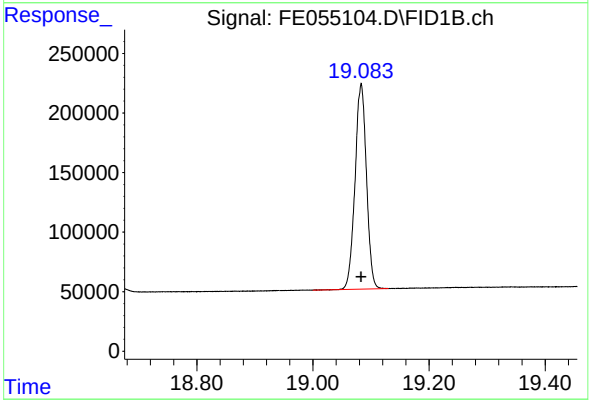
R.T.: 17.359 min
Delta R.T.: 0.000 min
Response: 2354861
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

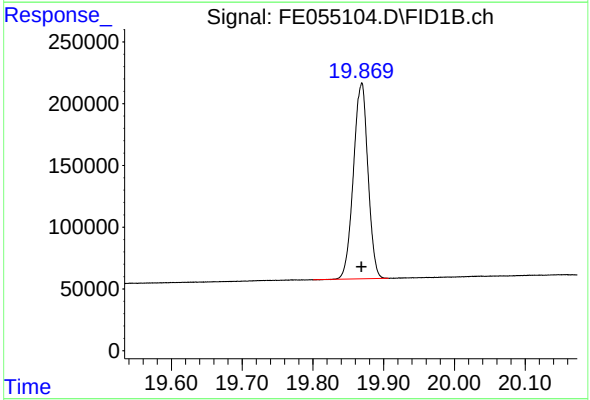
R.T.: 18.249 min
Delta R.T.: 0.000 min
Response: 2413903
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



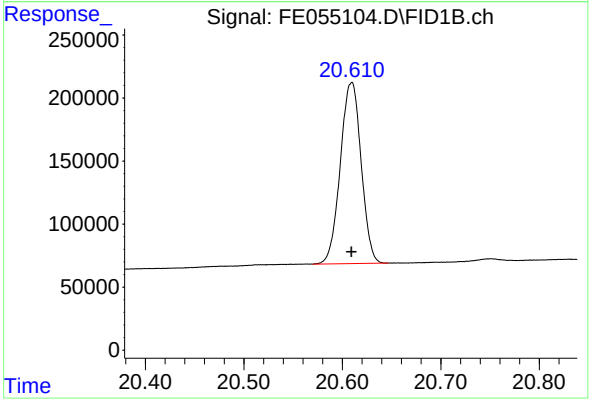
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.000 min
Response: 2353404
Conc: 20.00 ug/ml



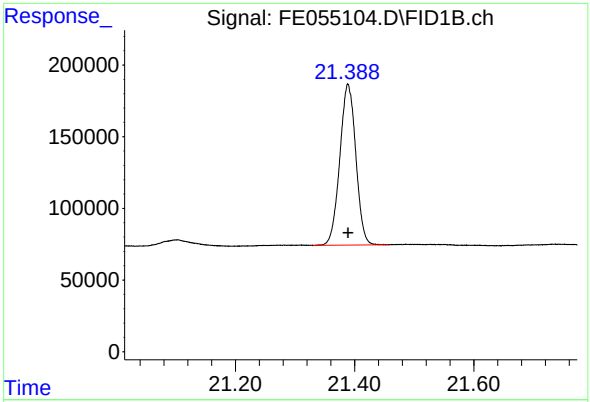
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.000 min
Response: 2263836
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

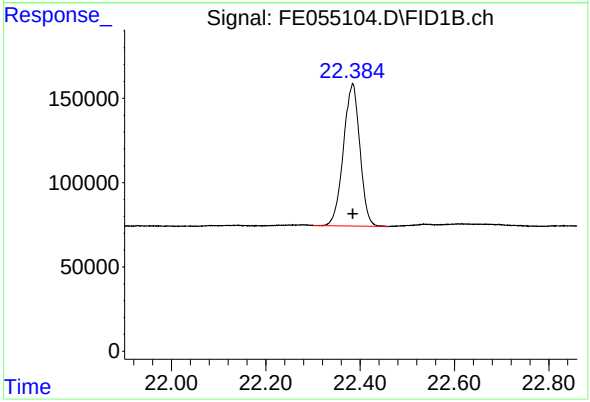
R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 2110743
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.000 min
Response: 2094471
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: 0.000 min
Response: 2043499
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055104.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 12:25
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.423	3.392	3.487	BB	231134	2293663	80.54%	4.349%
2	4.682	4.649	4.740	BB	236437	2330344	81.83%	4.419%
3	6.401	6.364	6.484	BB	280151	2685834	94.31%	5.093%
4	6.857	6.825	6.927	BB	241634	2379703	83.56%	4.512%
5	7.502	7.460	7.620	BB	257118	2614202	91.80%	4.957%
6	8.695	8.575	8.792	BB	232754	2443850	85.82%	4.634%
7	10.310	10.270	10.392	BB	233592	2550070	89.55%	4.835%
8	11.759	11.717	11.829	VB	230527	2603047	91.41%	4.936%
9	12.087	12.025	12.142	BB	263143	2847777	100.00%	5.400%
10	13.074	12.992	13.132	BB	218561	2504470	87.94%	4.749%
11	13.522	13.455	13.582	BB	184792	2145943	75.36%	4.069%
12	13.688	13.650	13.754	PB	207585	2458940	86.35%	4.662%
13	14.277	14.210	14.349	BB	202172	2436487	85.56%	4.620%
14	15.383	15.277	15.457	BB	197958	2425424	85.17%	4.599%
15	16.407	16.322	16.472	BB	189955	2384923	83.75%	4.522%
16	17.359	17.275	17.420	BB	176840	2354861	82.69%	4.465%
17	18.249	18.185	18.317	BB	179452	2413903	84.76%	4.577%
18	19.083	19.000	19.130	BB	173090	2353404	82.64%	4.462%
19	19.868	19.800	19.907	BV	158176	2263836	79.49%	4.292%
20	20.609	20.570	20.647	BV	143250	2110743	74.12%	4.002%
21	21.389	21.330	21.457	BB	112406	2094471	73.55%	3.971%
22	22.384	22.300	22.460	BV	84561	2043499	71.76%	3.875%
			Sum of corrected areas:			52739394		

Aliphatic EPH 080125.M Fri Aug 01 15:04:37 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055105.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 12:55
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Aug 01 13:19:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:19:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	12.085	1465719	10.499 ug/ml
Spiked Amount	50.000	Recovery	=	21.00%
12)	S 1-chlorooctadecane (S...	13.521	1101100	10.451 ug/ml
Spiked Amount	50.000	Recovery	=	20.90%
	Target Compounds			
1)	T n-Nonane (C9)	3.423	1173056	10.475 ug/ml
2)	T n-Decane (C10)	4.681	1191456	10.452 ug/ml
3)	T A~Naphthalene (C11.7)	6.401	1371559	10.427 ug/ml
4)	T n-Dodecane (C12)	6.857	1212805	10.412 ug/ml
5)	T A~2-methylnaphthalene...	7.502	1327736	10.365 ug/ml
6)	T n-Tetradecane (C14)	8.694	1256245	10.522 ug/ml
7)	T n-Hexadecane (C16)	10.309	1306485	10.474 ug/ml
8)	T n-Octadecane (C18)	11.759	1339624	10.513 ug/ml
10)	T n-Eicosane (C20)	13.073	1290714	10.525 ug/ml
11)	T n-Heneicosane (C21)	13.687	1263179	10.497 ug/ml
13)	T n-Docosane (C22)	14.275	1252588	10.492 ug/ml
14)	T n-Tetracosane (C24)	15.382	1249742	10.525 ug/ml
15)	T n-Hexacosane (C26)	16.406	1228030	10.509 ug/ml
16)	T n-Octacosane (C28)	17.358	1218469	10.570 ug/ml
17)	T n-Tricontane (C30)	18.248	1265398	10.706 ug/ml
18)	T n-Dotriacontane (C32)	19.082	1247513	10.762 ug/ml
19)	T n-Tetratriacontane (C34)	19.866	1189288	10.689 ug/ml
20)	T n-Hexatriacontane (C36)	20.607	1108488	10.629 ug/ml
21)	T n-Octatriacontane (C38)	21.389	1141544	10.970 ug/ml
22)	T n-Tetracontane (C40)	22.381	1072991	10.595 ug/ml

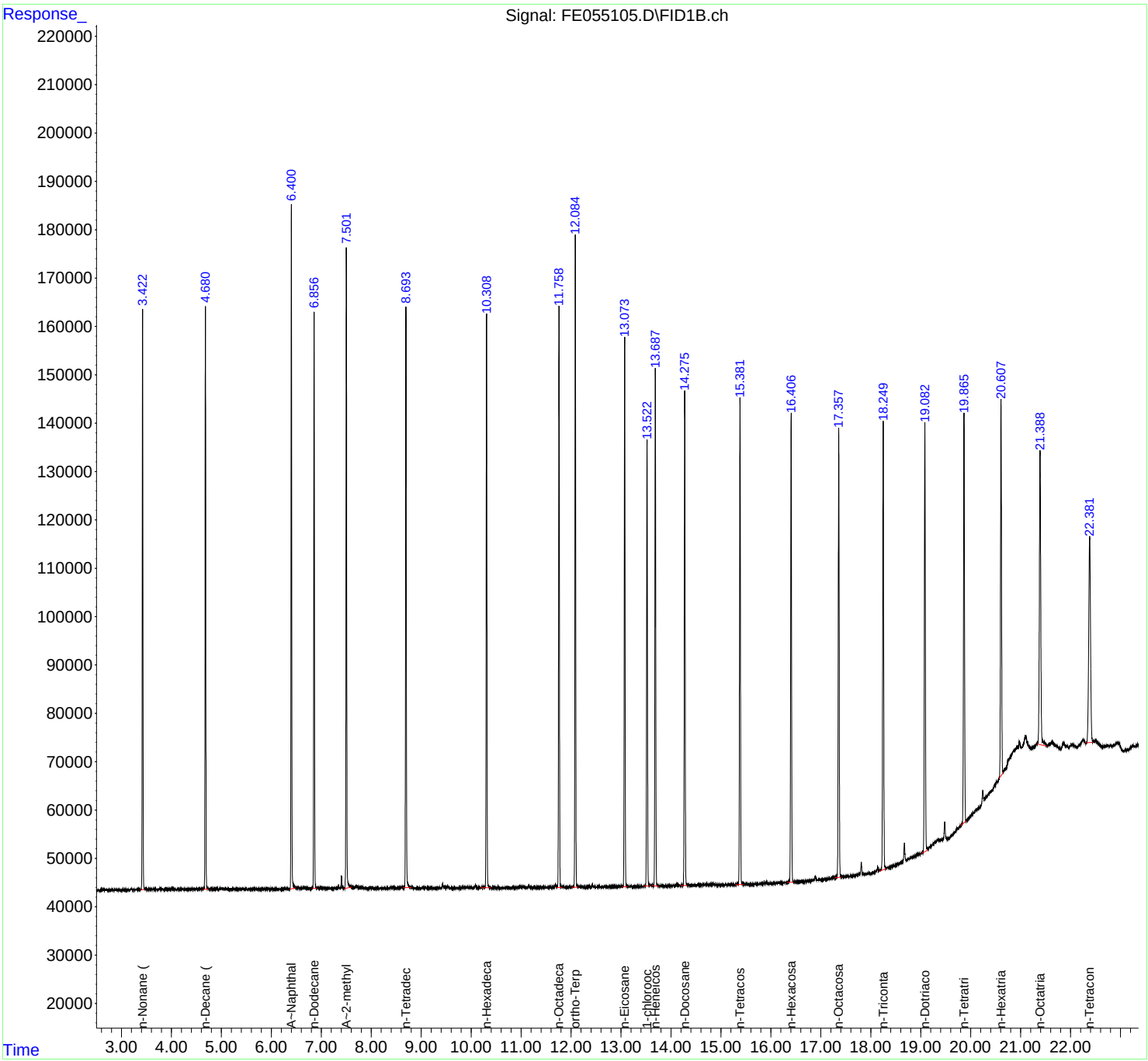
(f)=RT Delta > 1/2 Window (m)=manual int.

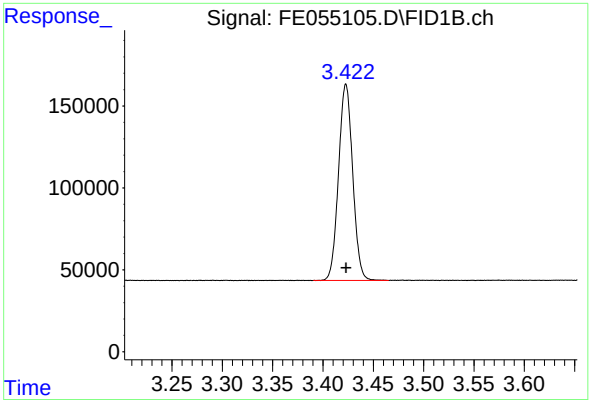
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055105.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 12:55
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Aug 01 13:19:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:19:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

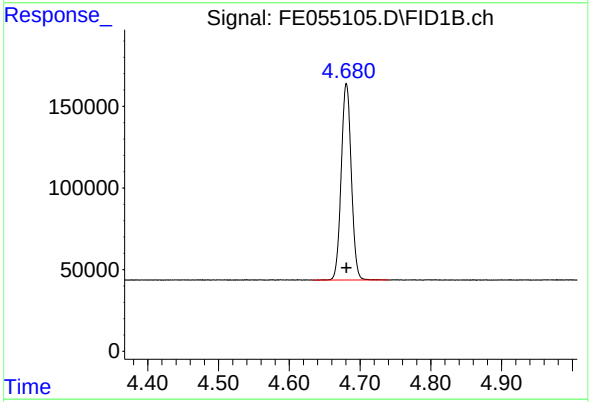




#1 n-Nonane (C9)

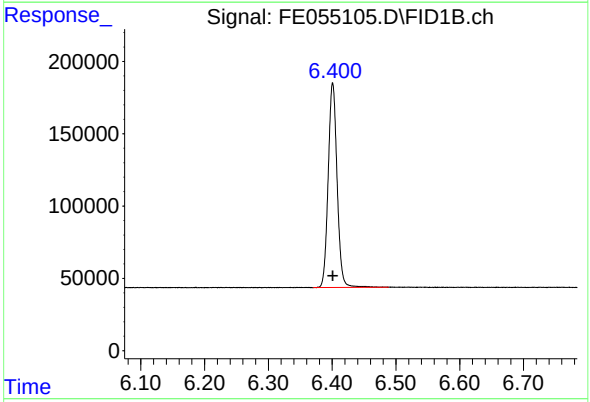
R.T.: 3.423 min
Delta R.T.: 0.000 min
Response: 1173056
Conc: 10.47 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



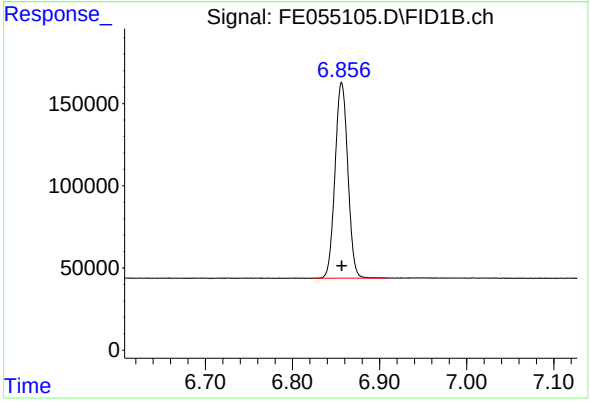
#2 n-Decane (C10)

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 1191456
Conc: 10.45 ug/ml



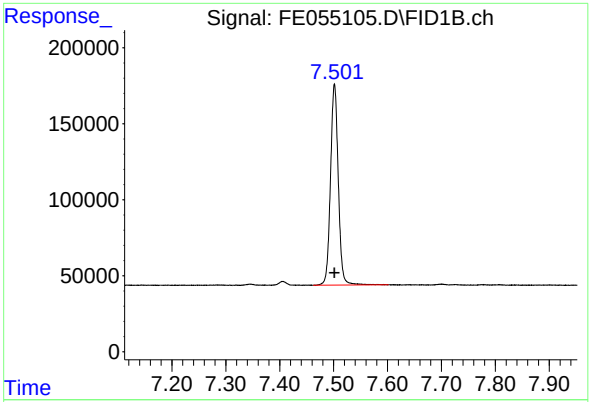
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 1371559
Conc: 10.43 ug/ml



#4 n-Dodecane (C12)

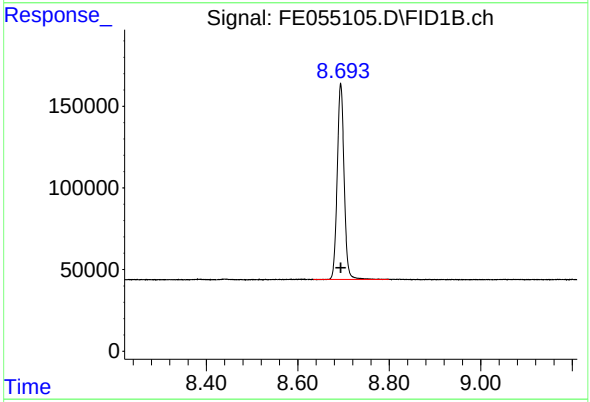
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 1212805
Conc: 10.41 ug/ml



#5 A~2-methylnaphthalene (C12.89)

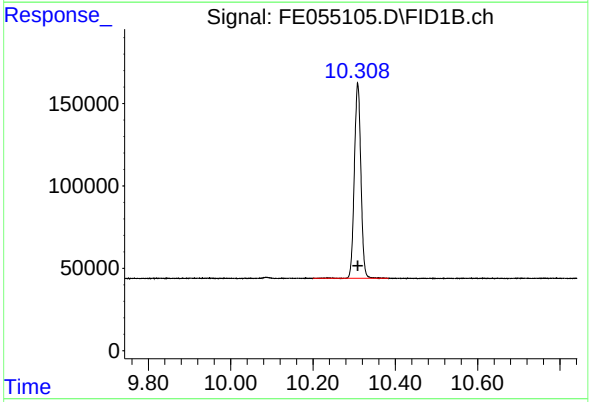
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 1327736
Conc: 10.36 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



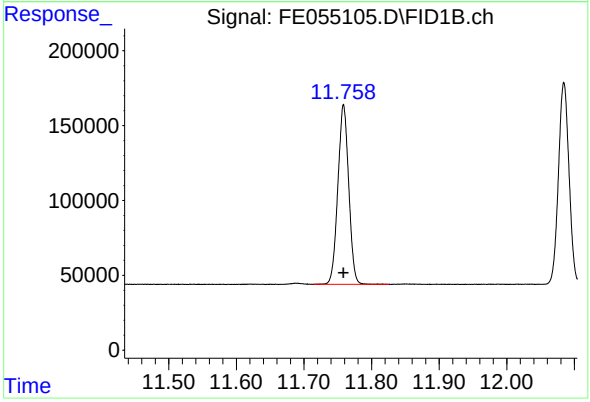
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 1256245
Conc: 10.52 ug/ml



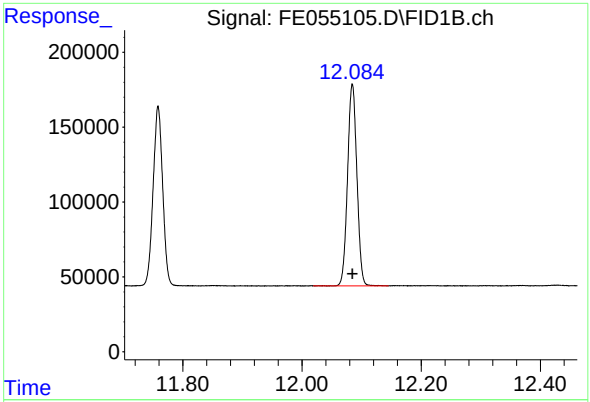
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 1306485
Conc: 10.47 ug/ml



#8 n-Octadecane (C18)

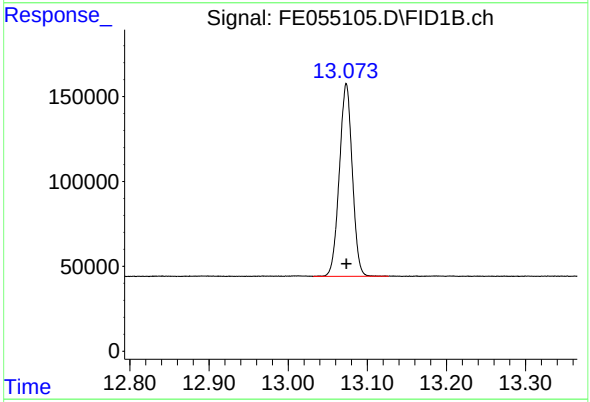
R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 1339624
Conc: 10.51 ug/ml



#9 ortho-Terphenyl (SURR)

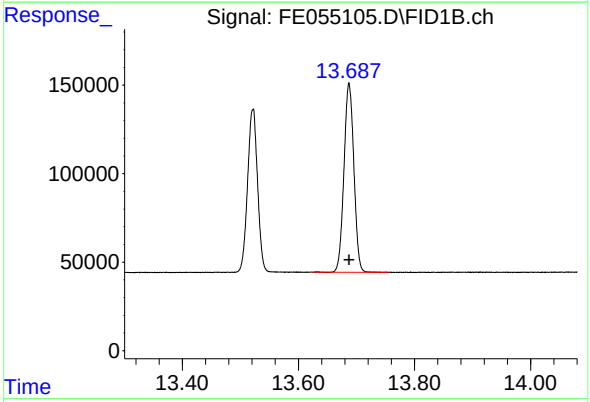
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 1465719
Conc: 10.50 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



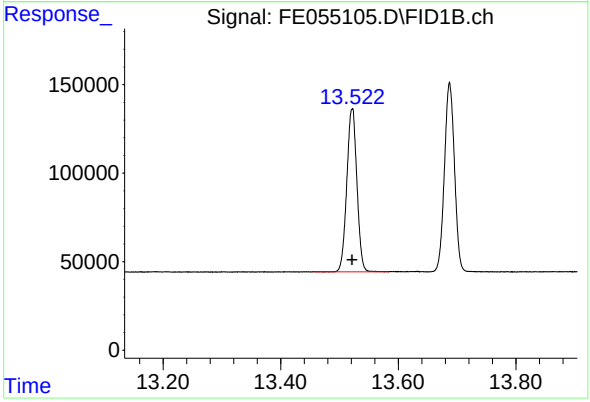
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 1290714
Conc: 10.53 ug/ml



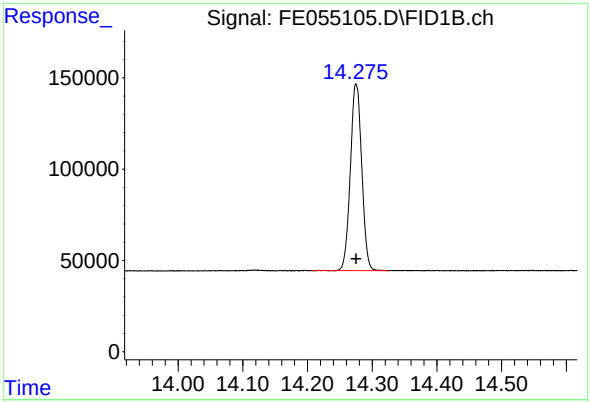
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 1263179
Conc: 10.50 ug/ml



#12 1-chlorooctadecane (SURR)

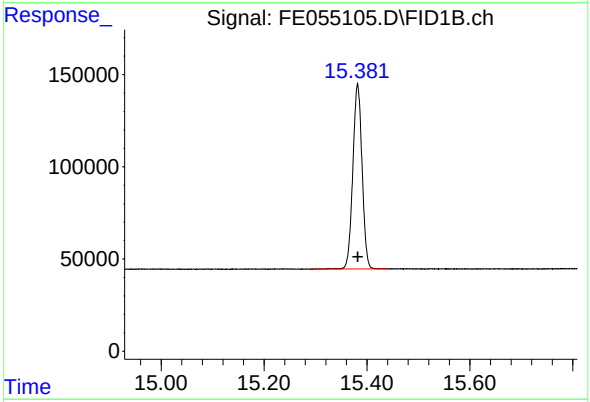
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 1101100
Conc: 10.45 ug/ml



#13 n-Docosane (C22)

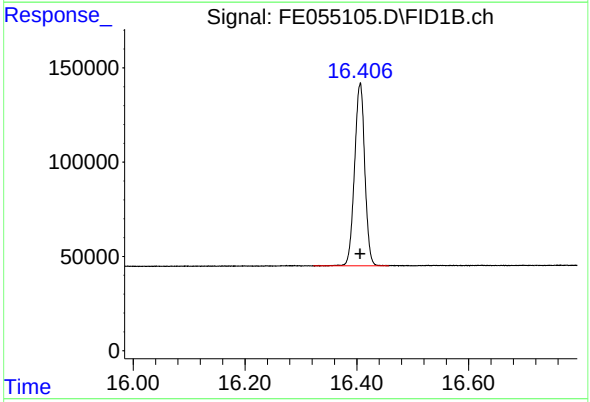
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 1252588
Conc: 10.49 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



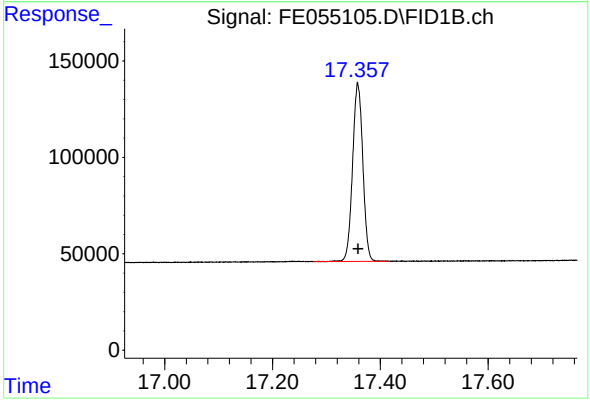
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 1249742
Conc: 10.53 ug/ml



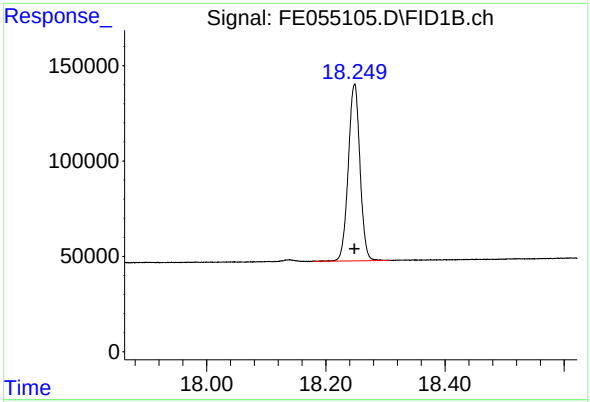
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.000 min
Response: 1228030
Conc: 10.51 ug/ml



#16 n-Octacosane (C28)

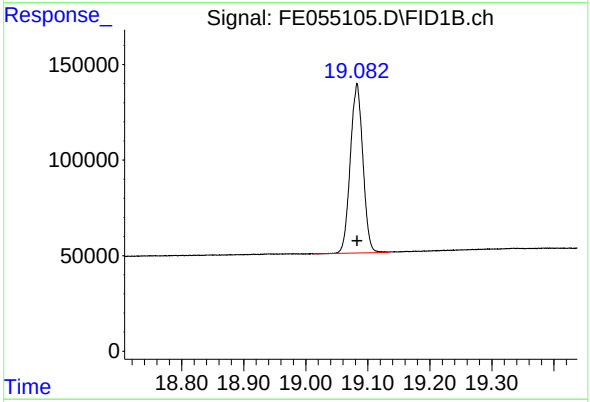
R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 1218469
Conc: 10.57 ug/ml



#17 n-Tricontane (C30)

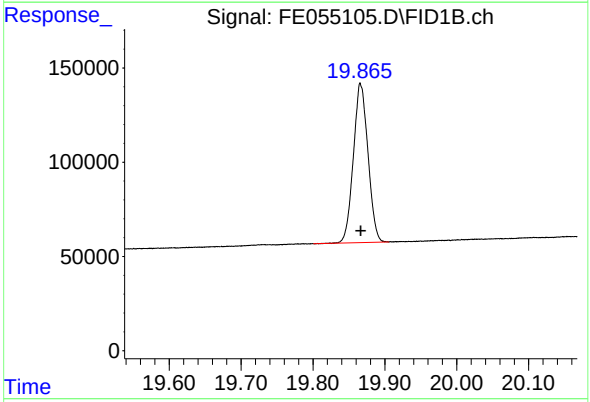
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 1265398
Conc: 10.71 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



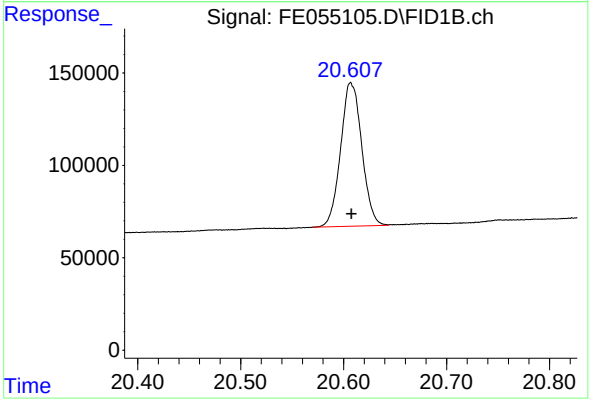
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 1247513
Conc: 10.76 ug/ml



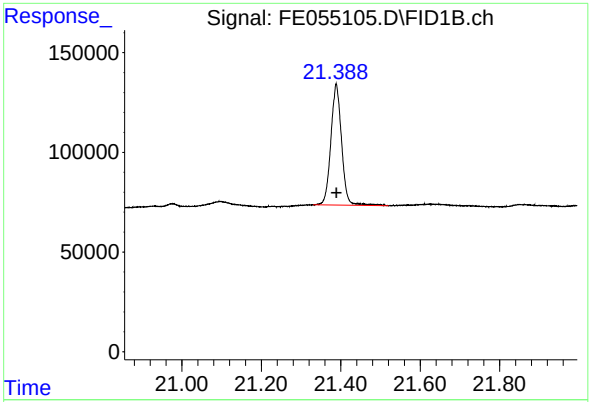
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 1189288
Conc: 10.69 ug/ml



#20 n-Hexatriacontane (C36)

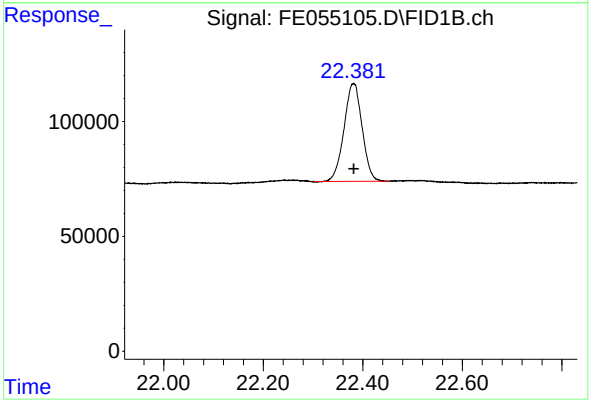
R.T.: 20.607 min
Delta R.T.: 0.000 min
Response: 1108488
Conc: 10.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.000 min
Response: 1141544
Conc: 10.97 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.000 min
Response: 1072991
Conc: 10.59 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055105.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 12:55
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.423	3.390	3.465	BB	120037	1173056	80.03%	4.301%
2	4.681	4.634	4.740	BB	120456	1191456	81.29%	4.369%
3	6.401	6.370	6.489	BB	141579	1371559	93.58%	5.029%
4	6.857	6.824	6.910	BB	118825	1212805	82.74%	4.447%
5	7.502	7.462	7.602	BB	132398	1327736	90.59%	4.868%
6	8.694	8.634	8.799	BB	119873	1256245	85.71%	4.606%
7	10.309	10.200	10.384	BB	118466	1306485	89.14%	4.790%
8	11.759	11.714	11.825	PB	120058	1339624	91.40%	4.912%
9	12.085	12.019	12.145	BB	134862	1465719	100.00%	5.374%
10	13.073	13.032	13.127	PB	113704	1290714	88.06%	4.732%
11	13.521	13.455	13.584	BB	92204	1101100	75.12%	4.037%
12	13.687	13.625	13.755	BB	106777	1263179	86.18%	4.631%
13	14.275	14.209	14.325	BB	102098	1252588	85.46%	4.593%
14	15.382	15.295	15.442	BB	100362	1249742	85.26%	4.582%
15	16.406	16.322	16.457	BB	96333	1228030	83.78%	4.503%
16	17.358	17.275	17.415	BB	91813	1218469	83.13%	4.468%
17	18.248	18.179	18.305	BB	92913	1265398	86.33%	4.640%
18	19.082	19.012	19.134	BV	88439	1247513	85.11%	4.574%
19	19.866	19.800	19.905	BV	83213	1189288	81.14%	4.361%
20	20.607	20.570	20.644	BV	77393	1108488	75.63%	4.064%
21	21.389	21.330	21.520	BB	60713	1141544	77.88%	4.186%
22	22.381	22.300	22.452	BV	42596	1072991	73.21%	3.934%
			Sum of corrected areas:			27273728		

Aliphatic EPH 080125.M Fri Aug 01 15:04:05 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055106.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 13:25
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Aug 01 13:46:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:46:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	12.084	778115	5.449 ug/ml
Spiked Amount	50.000	Recovery =	10.90%	
12)	S 1-chlorooctadecane (S...	13.520	580920	5.403 ug/ml
Spiked Amount	50.000	Recovery =	10.81%	
	Target Compounds			
1)	T n-Nonane (C9)	3.422	629501	5.485 ug/ml
2)	T n-Decane (C10)	4.681	632551	5.430 ug/ml
3)	T A~Naphthalene (C11.7)	6.401	724982	5.401 ug/ml
4)	T n-Dodecane (C12)	6.856	647501	5.437 ug/ml
5)	T A~2-methylnaphthalene...	7.501	697536	5.350 ug/ml
6)	T n-Tetradecane (C14)	8.694	677397	5.525 ug/ml
7)	T n-Hexadecane (C16)	10.308	701326	5.486 ug/ml
8)	T n-Octadecane (C18)	11.758	713273	5.467 ug/ml
10)	T n-Eicosane (C20)	13.072	684201	5.453 ug/ml
11)	T n-Heneicosane (C21)	13.686	674909	5.475 ug/ml
13)	T n-Docosane (C22)	14.275	665279	5.448 ug/ml
14)	T n-Tetracosane (C24)	15.382	666101	5.476 ug/ml
15)	T n-Hexacosane (C26)	16.405	654109	5.467 ug/ml
16)	T n-Octacosane (C28)	17.357	659989	5.564 ug/ml
17)	T n-Tricontane (C30)	18.248	712384	5.789 ug/ml
18)	T n-Dotriacontane (C32)	19.081	732022	6.000 ug/ml
19)	T n-Tetratriacontane (C34)	19.867	697694	5.967 ug/ml
20)	T n-Hexatriacontane (C36)	20.608	646626	5.916 ug/ml
21)	T n-Octatriacontane (C38)	21.390	620578	5.742 ug/ml
22)	T n-Tetracontane (C40)	22.381	588826	5.631 ug/ml

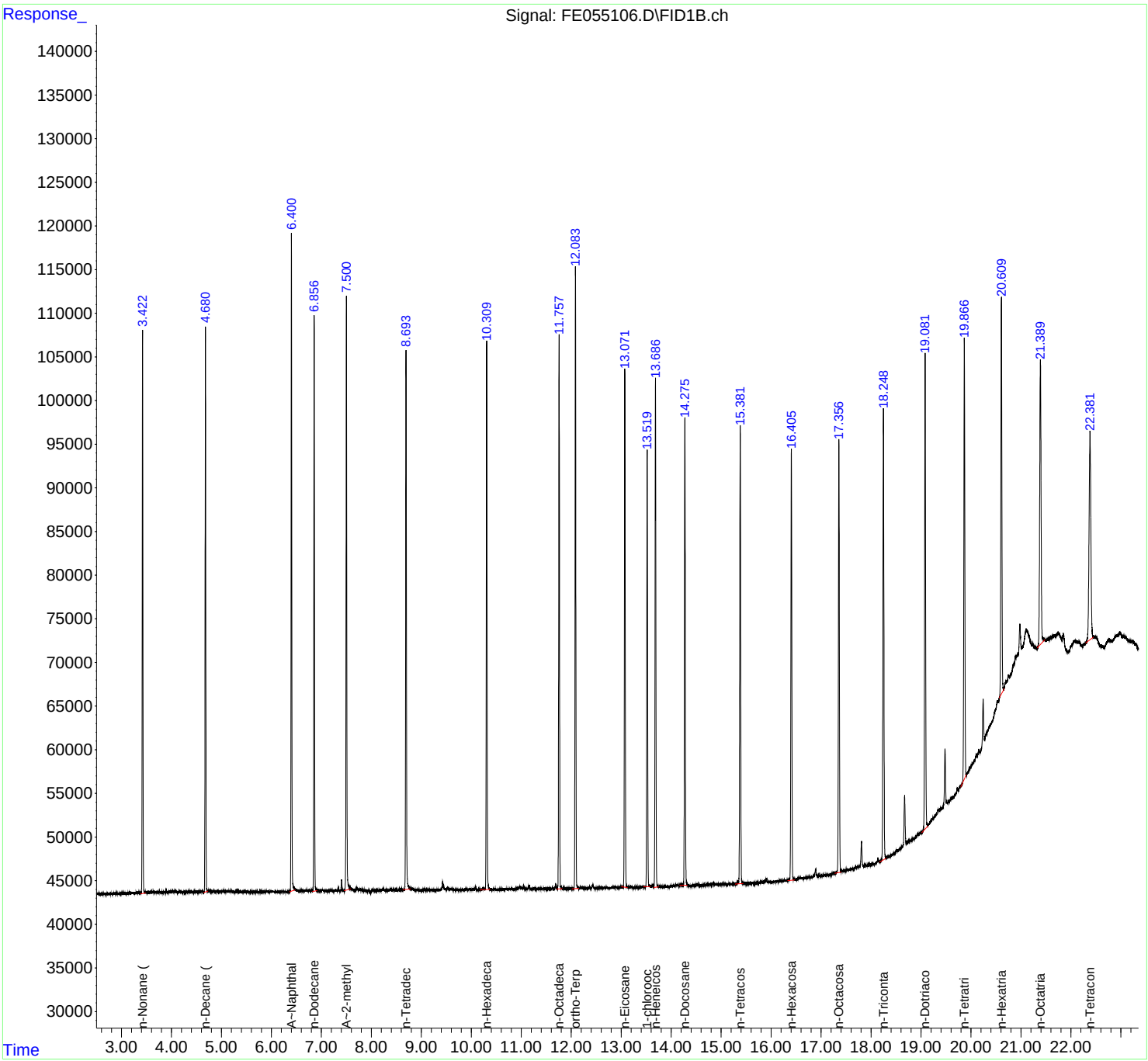
(f)=RT Delta > 1/2 Window (m)=manual int.

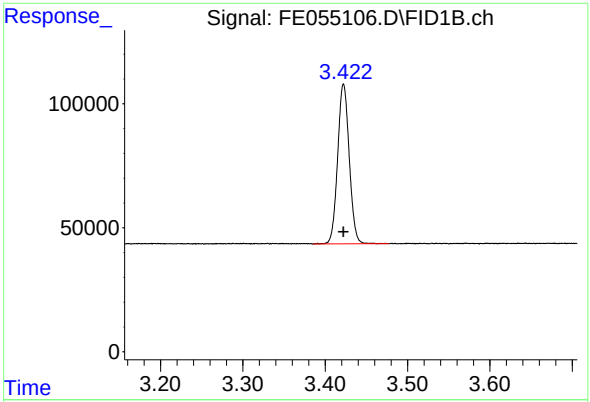
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055106.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 13:25
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Aug 01 13:46:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:46:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

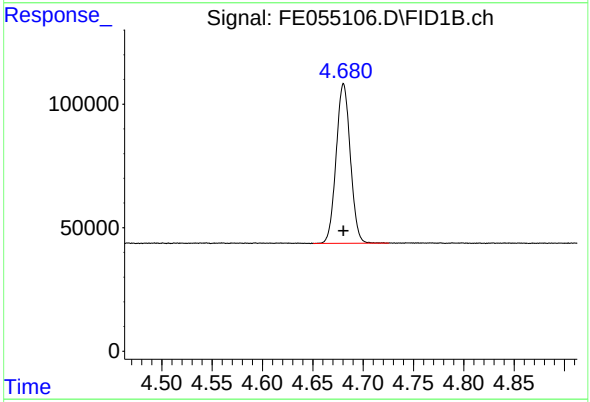




#1 n-Nonane (C9)

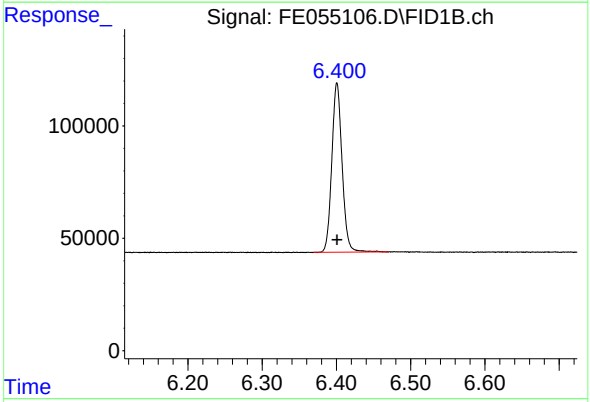
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 629501
Conc: 5.48 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



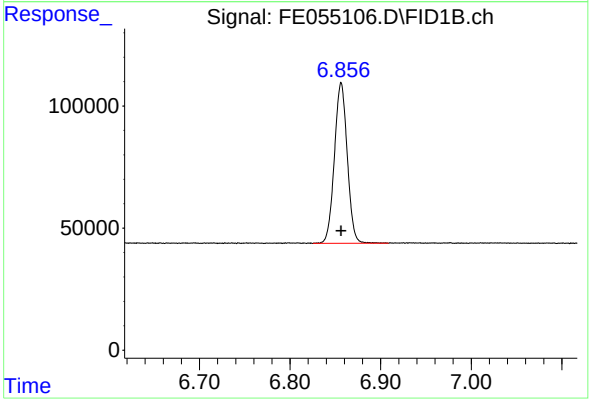
#2 n-Decane (C10)

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 632551
Conc: 5.43 ug/ml



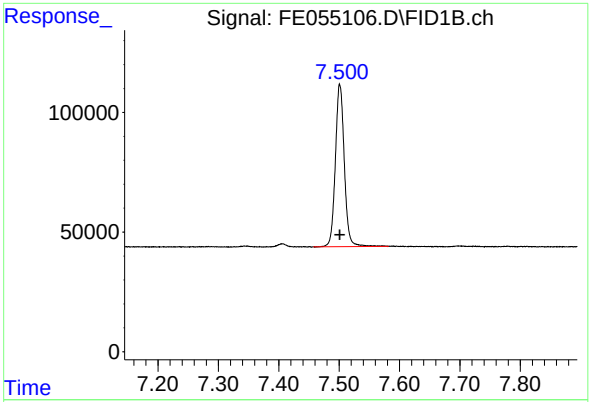
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 724982
Conc: 5.40 ug/ml



#4 n-Dodecane (C12)

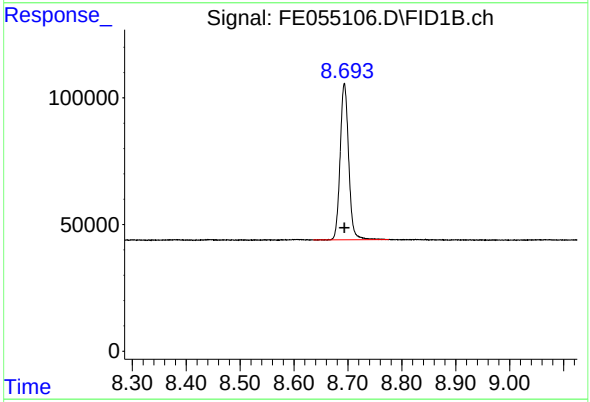
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 647501
Conc: 5.44 ug/ml



#5 A~2-methylnaphthalene (C12.89)

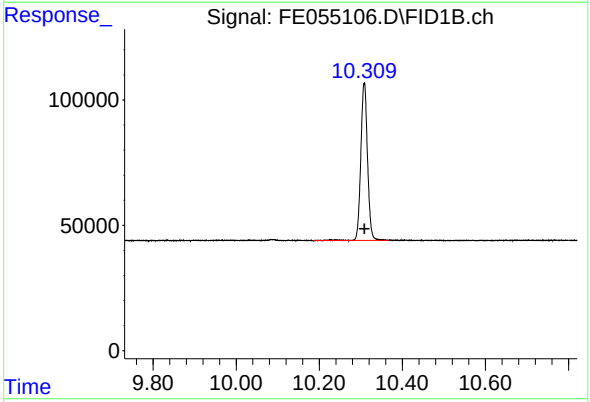
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 697536
Conc: 5.35 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



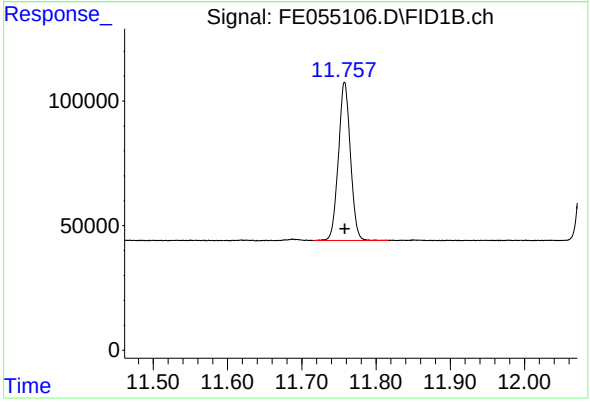
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 677397
Conc: 5.52 ug/ml



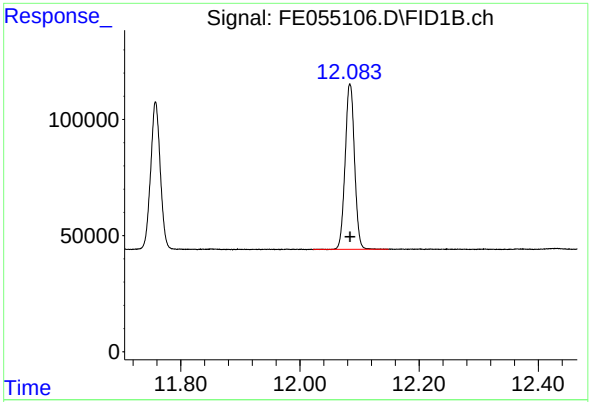
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 701326
Conc: 5.49 ug/ml



#8 n-Octadecane (C18)

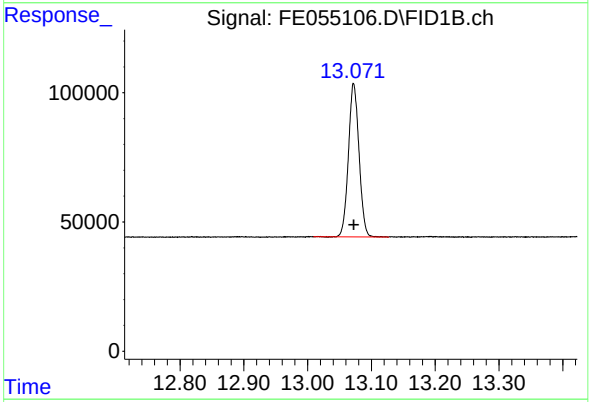
R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 713273
Conc: 5.47 ug/ml



#9 ortho-Terphenyl (SURR)

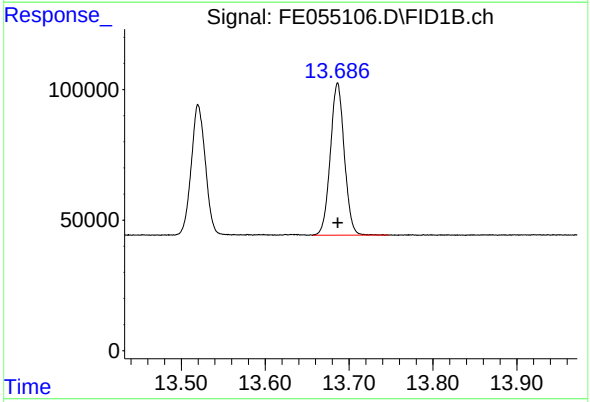
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 778115
Conc: 5.45 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



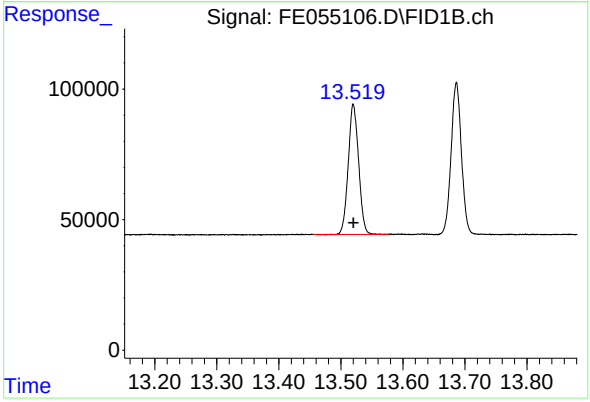
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 684201
Conc: 5.45 ug/ml



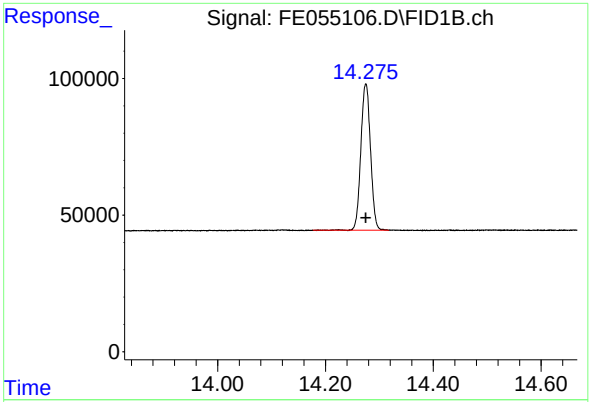
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 674909
Conc: 5.48 ug/ml



#12 1-chlorooctadecane (SURR)

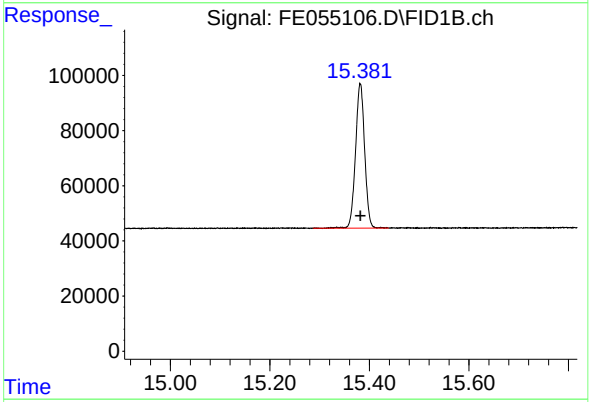
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 580920
Conc: 5.40 ug/ml



#13 n-Docosane (C22)

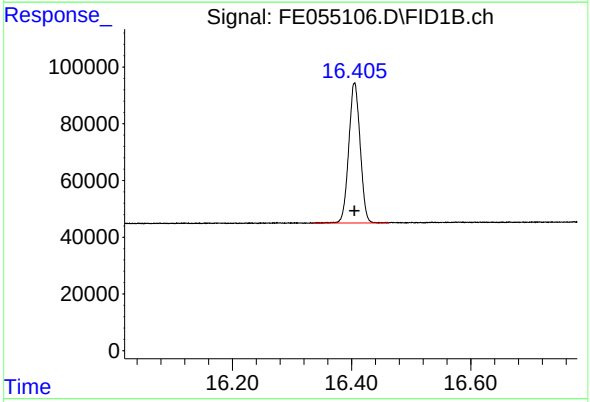
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 665279
Conc: 5.45 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



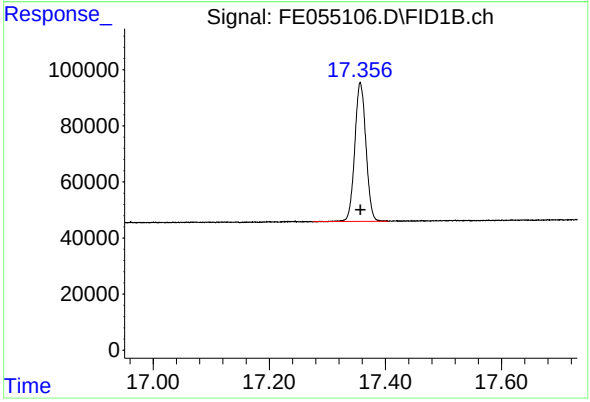
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 666101
Conc: 5.48 ug/ml



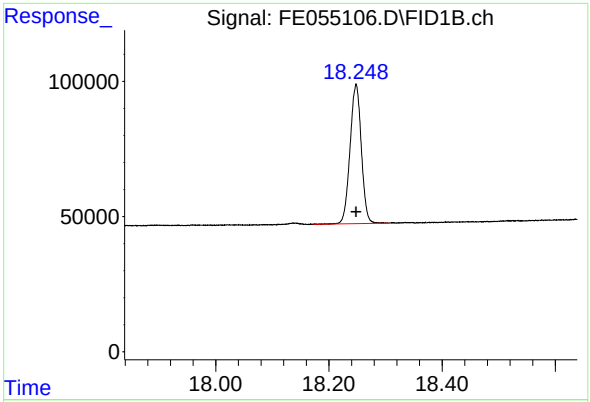
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 654109
Conc: 5.47 ug/ml



#16 n-Octacosane (C28)

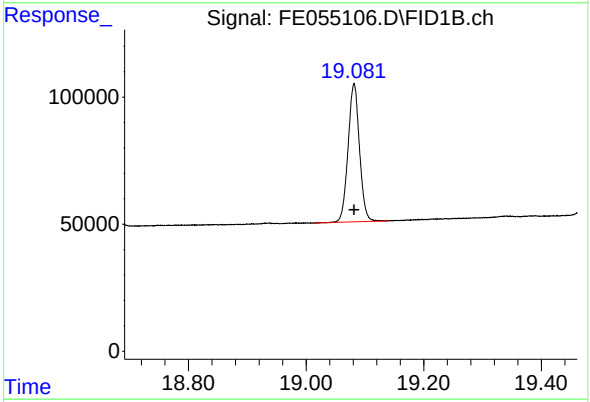
R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 659989
Conc: 5.56 ug/ml



#17 n-Tricontane (C30)

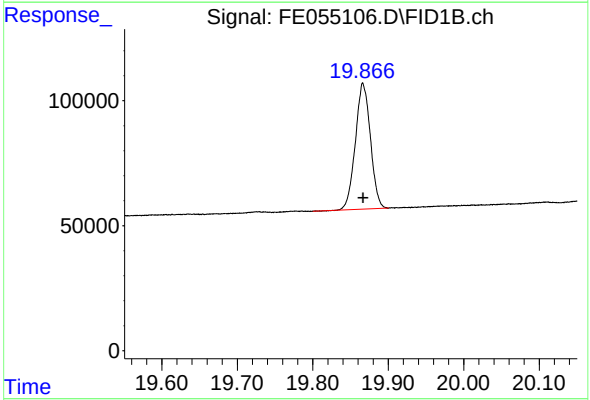
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 712384
Conc: 5.79 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



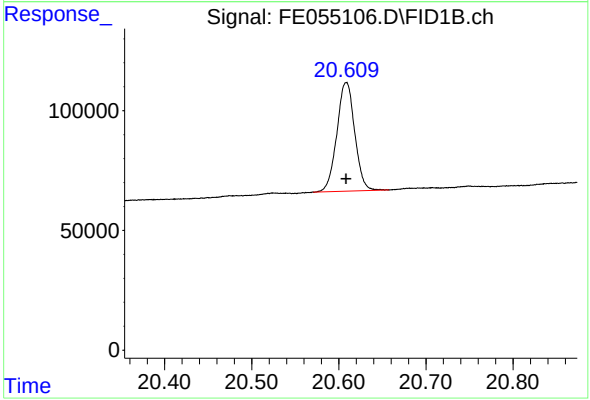
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 732022
Conc: 6.00 ug/ml



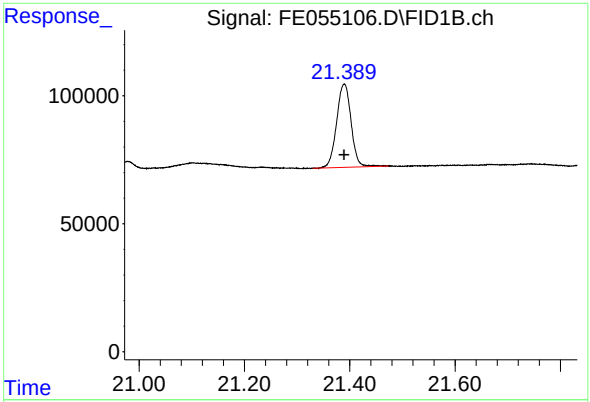
#19 n-Tetratriacontane (C34)

R.T.: 19.867 min
Delta R.T.: 0.000 min
Response: 697694
Conc: 5.97 ug/ml



#20 n-Hexatriacontane (C36)

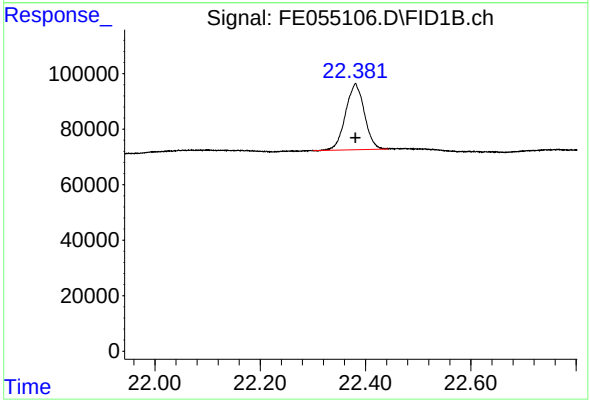
R.T.: 20.608 min
Delta R.T.: 0.000 min
Response: 646626
Conc: 5.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: 0.000 min
Response: 620578
Conc: 5.74 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.000 min
Response: 588826
Conc: 5.63 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055106.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 13:25
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.422	3.385	3.477	BB	64431	629501	80.90%	4.257%
2	4.681	4.650	4.725	BB	64621	632551	81.29%	4.278%
3	6.401	6.369	6.470	BB	75358	724982	93.17%	4.903%
4	6.856	6.825	6.909	BB	65928	647501	83.21%	4.379%
5	7.501	7.457	7.582	BB	67243	697536	89.64%	4.718%
6	8.694	8.635	8.775	BB	61673	677397	87.06%	4.581%
7	10.308	10.185	10.367	BB	62824	701326	90.13%	4.743%
8	11.758	11.715	11.817	BB	63586	713273	91.67%	4.824%
9	12.084	12.022	12.149	BB	71185	778115	100.00%	5.263%
10	13.072	13.009	13.127	BB	59302	684201	87.93%	4.627%
11	13.520	13.455	13.577	BB	49645	580920	74.66%	3.929%
12	13.686	13.657	13.747	BB	58559	674909	86.74%	4.565%
13	14.275	14.177	14.317	BB	53685	665279	85.50%	4.499%
14	15.382	15.287	15.439	BB	52255	666101	85.60%	4.505%
15	16.405	16.335	16.462	BB	49309	654109	84.06%	4.424%
16	17.357	17.275	17.405	BB	49399	659989	84.82%	4.464%
17	18.248	18.172	18.305	BB	51763	712384	91.55%	4.818%
18	19.082	19.012	19.140	BB	54579	732022	94.08%	4.951%
19	19.867	19.800	19.900	BB	49987	697694	89.66%	4.719%
20	20.608	20.570	20.657	BV	45351	646626	83.10%	4.373%
21	21.390	21.330	21.474	BB	32525	620578	79.75%	4.197%
22	22.381	22.300	22.444	BB	23828	588826	75.67%	3.982%
			Sum of corrected areas:			14785819		

Aliphatic EPH 080125.M Fri Aug 01 15:03:32 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055107.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 13:55
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Aug 01 14:16:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	12.085	2866726	20.075 ug/ml
Spiked Amount	50.000		Recovery =	40.15%
12)	S 1-chlorooctadecane (S...	13.521	2156193	20.053 ug/ml
Spiked Amount	50.000		Recovery =	40.11%
	Target Compounds			
1)	T n-Nonane (C9)	3.423	2320492	20.219 ug/ml
2)	T n-Decane (C10)	4.681	2357337	20.235 ug/ml
3)	T A~Naphthalene (C11.7)	6.400	2711551	20.201 ug/ml
4)	T n-Dodecane (C12)	6.857	2407946	20.221 ug/ml
5)	T A~2-methylnaphthalene...	7.501	2636139	20.218 ug/ml
6)	T n-Tetradecane (C14)	8.694	2463791	20.095 ug/ml
7)	T n-Hexadecane (C16)	10.309	2561685	20.038 ug/ml
8)	T n-Octadecane (C18)	11.759	2619955	20.080 ug/ml
10)	T n-Eicosane (C20)	13.073	2518489	20.072 ug/ml
11)	T n-Heneicosane (C21)	13.688	2473384	20.065 ug/ml
13)	T n-Docosane (C22)	14.276	2448476	20.050 ug/ml
14)	T n-Tetracosane (C24)	15.382	2433764	20.009 ug/ml
15)	T n-Hexacosane (C26)	16.407	2397717	20.040 ug/ml
16)	T n-Octacosane (C28)	17.359	2370324	19.982 ug/ml
17)	T n-Tricontane (C30)	18.248	2441052	19.838 ug/ml
18)	T n-Dotriacontane (C32)	19.082	2401932	19.686 ug/ml
19)	T n-Tetratriacontane (C34)	19.867	2323225	19.870 ug/ml
20)	T n-Hexatriacontane (C36)	20.609	2160075	19.763 ug/ml
21)	T n-Octatriacontane (C38)	21.390	2112729	19.549 ug/ml
22)	T n-Tetracontane (C40)	22.381	2109848	20.176 ug/ml

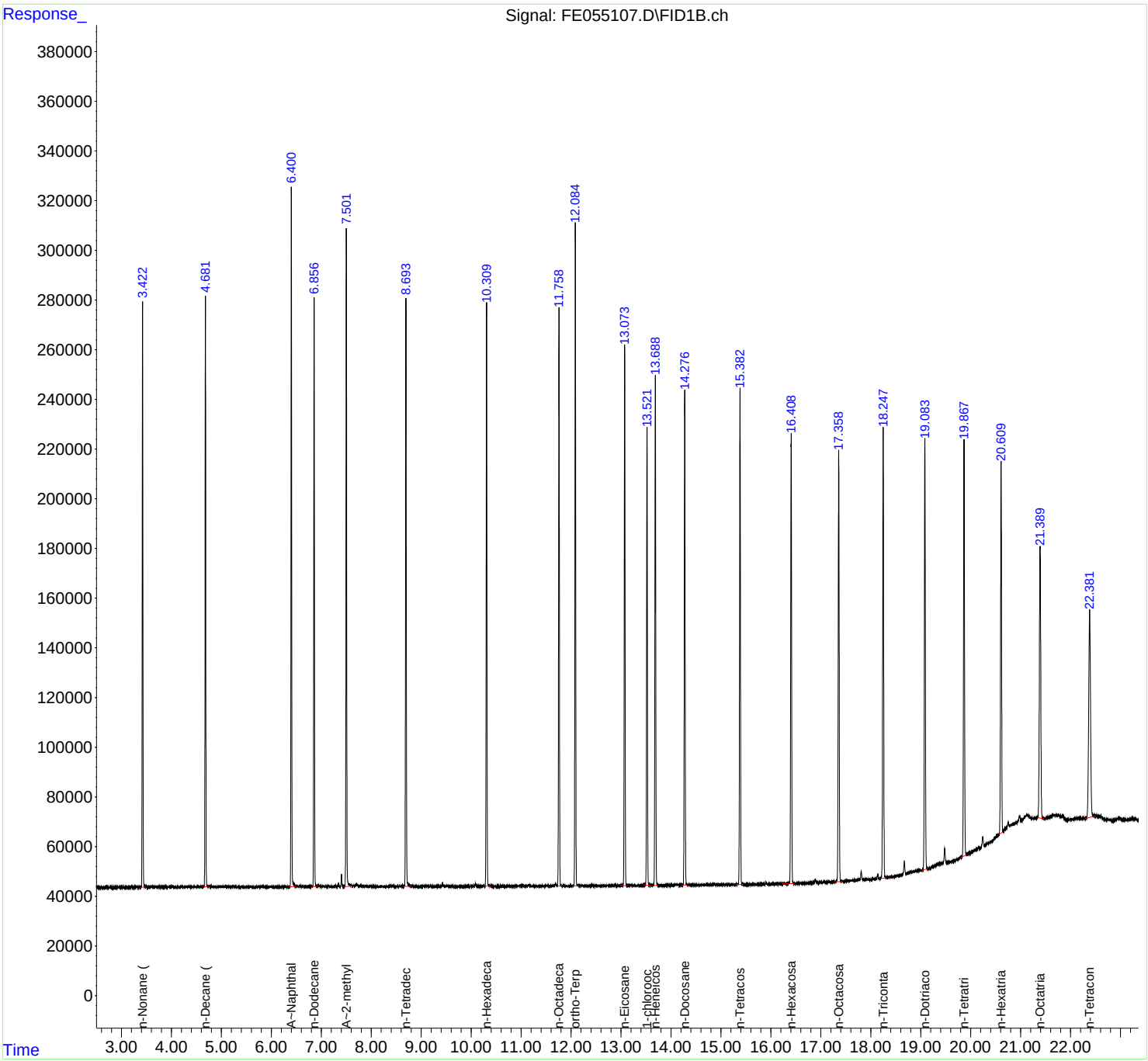
(f)=RT Delta > 1/2 Window (m)=manual int.

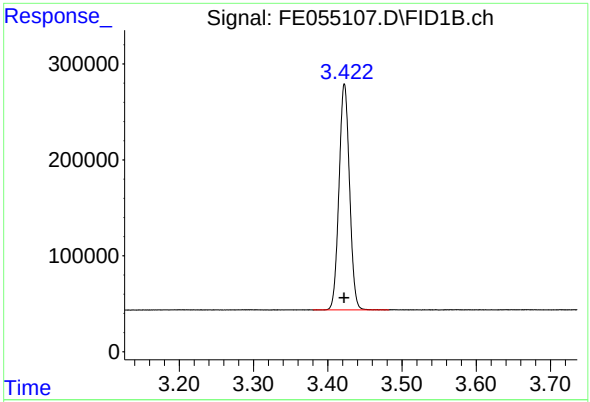
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055107.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 13:55
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Aug 01 14:16:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

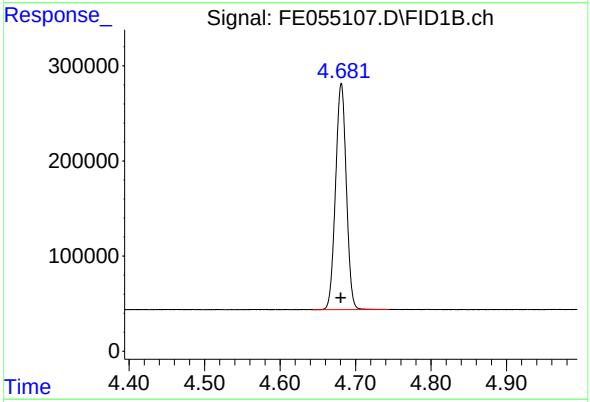




#1 n-Nonane (C9)

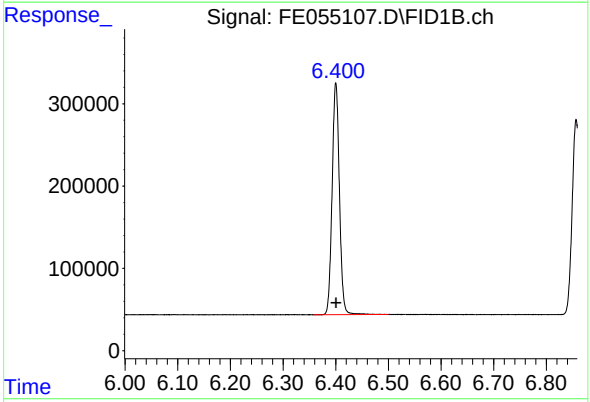
R.T.: 3.423 min
Delta R.T.: 0.000 min
Response: 2320492
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



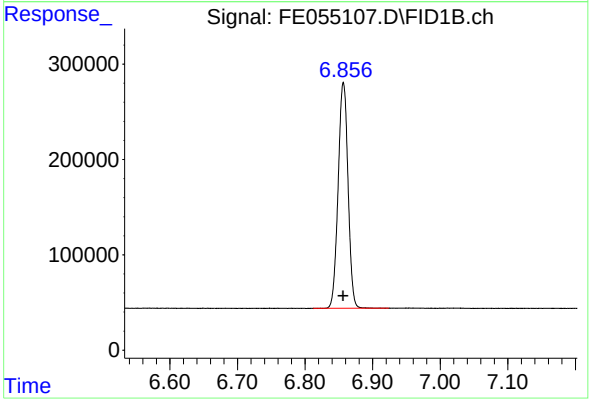
#2 n-Decane (C10)

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 2357337
Conc: 20.24 ug/ml



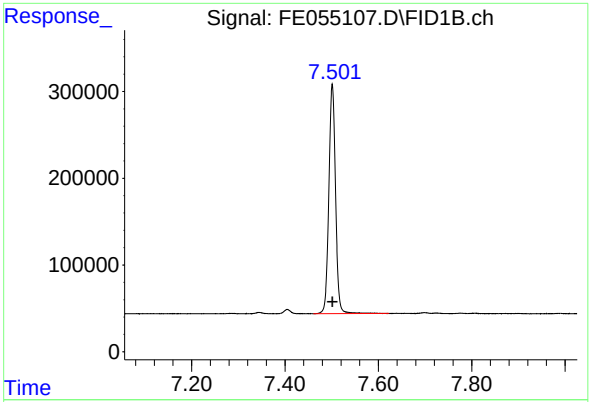
#3 A~Naphthalene (C11.7)

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 2711551
Conc: 20.20 ug/ml



#4 n-Dodecane (C12)

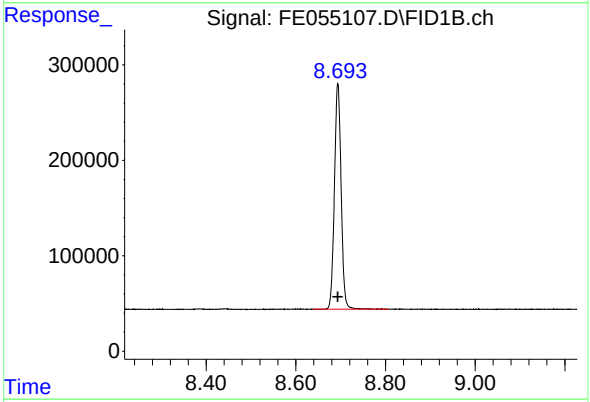
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 2407946
Conc: 20.22 ug/ml



#5 A~2-methylnaphthalene (C12.89)

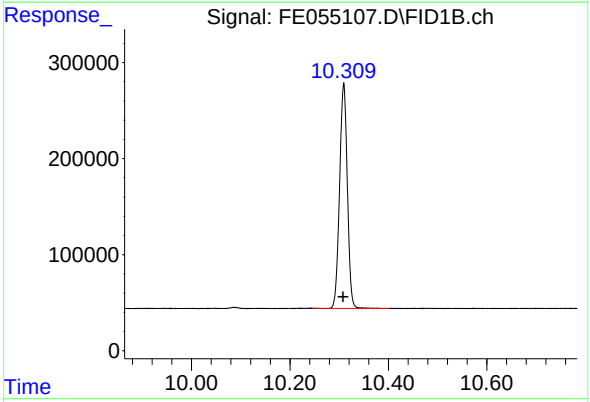
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 2636139
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



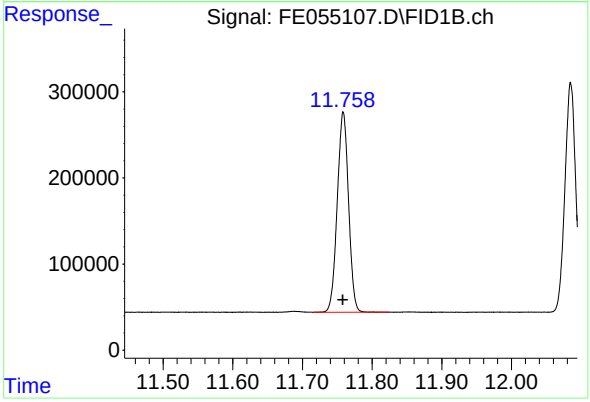
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 2463791
Conc: 20.09 ug/ml



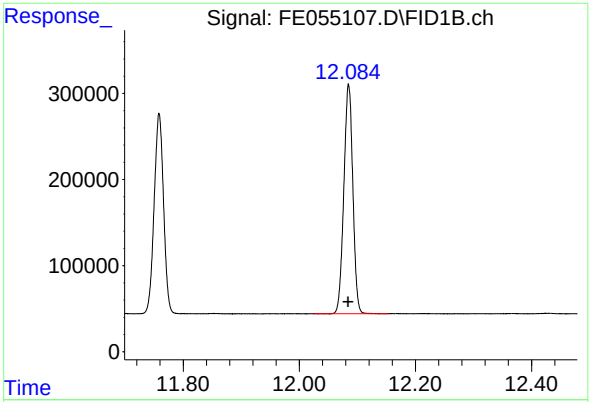
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 2561685
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

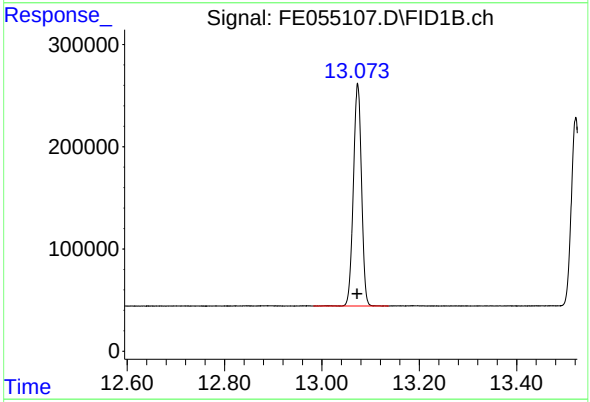
R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 2619955
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

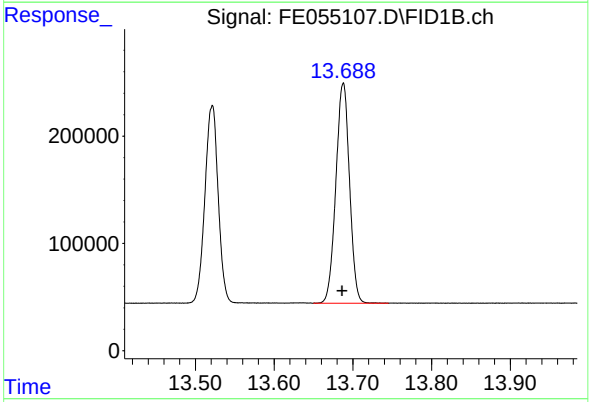
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 2866726
Conc: 20.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



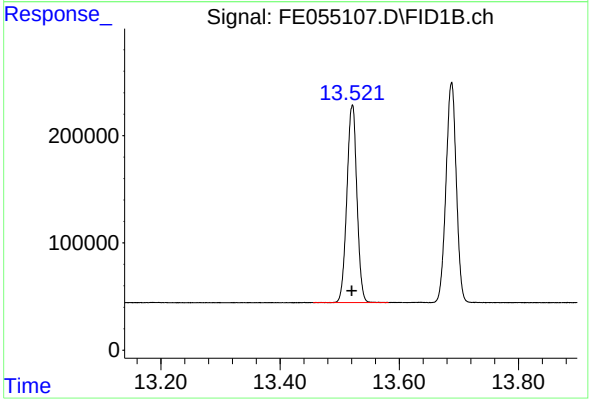
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.001 min
Response: 2518489
Conc: 20.07 ug/ml



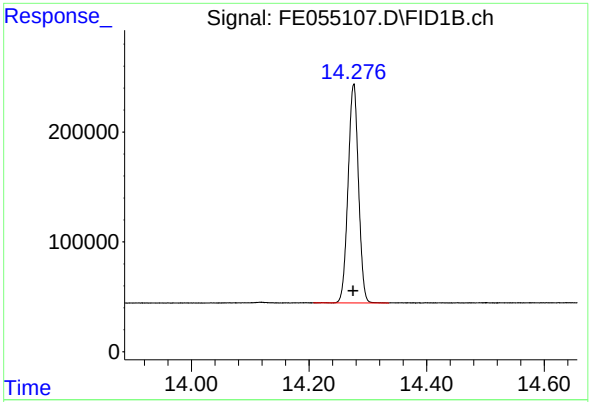
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.001 min
Response: 2473384
Conc: 20.07 ug/ml



#12 1-chlorooctadecane (SURR)

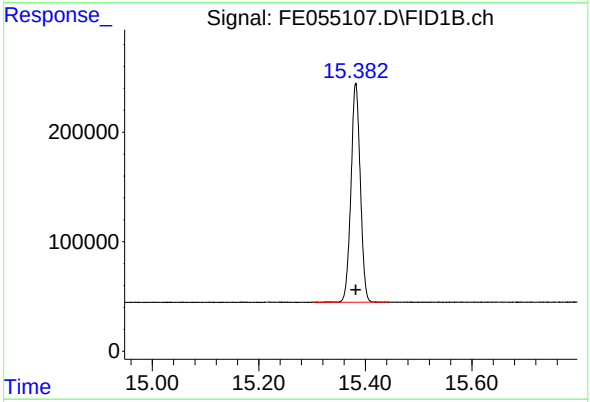
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2156193
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

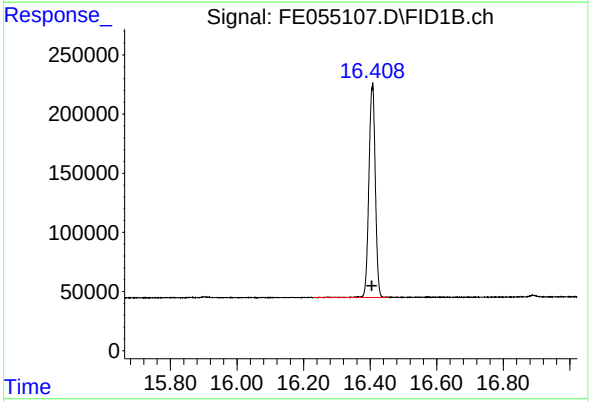
R.T.: 14.276 min
Delta R.T.: 0.000 min
Response: 2448476
Conc: 20.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



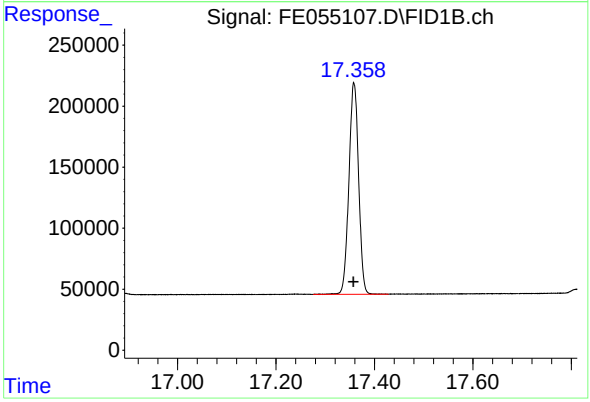
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 2433764
Conc: 20.01 ug/ml



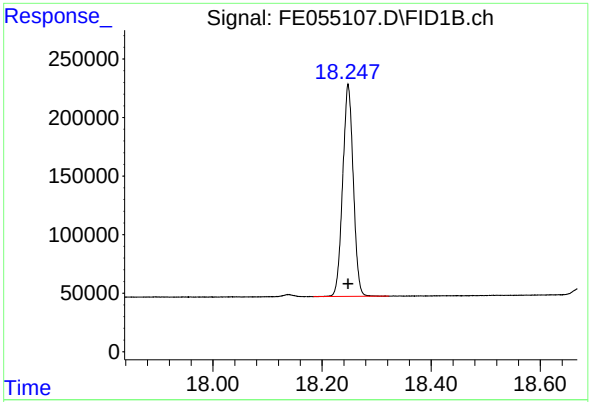
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 2397717
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

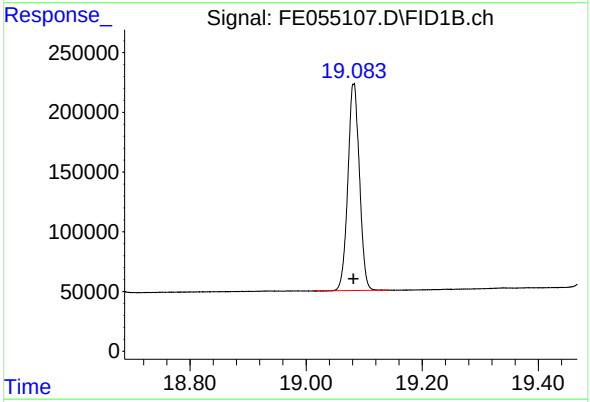
R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 2370324
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

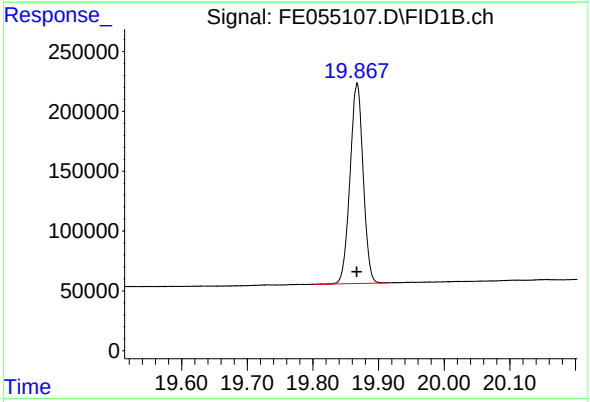
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 2441052
Conc: 19.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



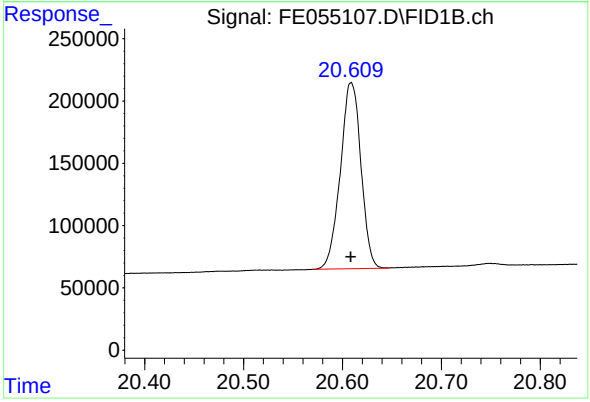
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 2401932
Conc: 19.69 ug/ml



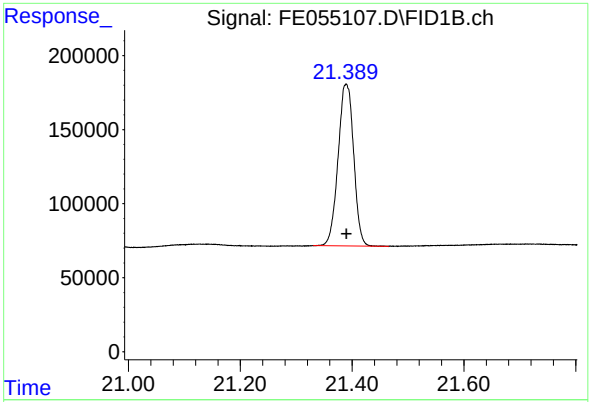
#19 n-Tetratriacontane (C34)

R.T.: 19.867 min
Delta R.T.: 0.000 min
Response: 2323225
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

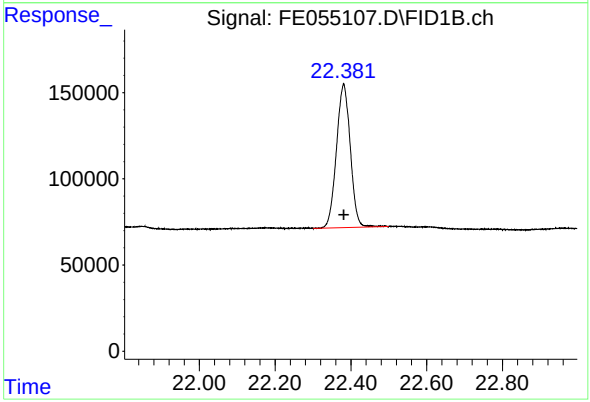
R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 2160075
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: 0.000 min
Response: 2112729
Conc: 19.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.000 min
Response: 2109848
Conc: 20.18 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055107.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 13:55
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.423	3.380	3.482	BB	235935	2320492	80.95%	4.354%
2	4.681	4.644	4.744	BB	237548	2357337	82.23%	4.423%
3	6.400	6.357	6.500	BB	281367	2711551	94.59%	5.088%
4	6.857	6.812	6.924	BB	236802	2407946	84.00%	4.518%
5	7.501	7.460	7.622	BB	264419	2636139	91.96%	4.947%
6	8.694	8.639	8.807	BB	236777	2463791	85.94%	4.623%
7	10.309	10.247	10.400	BB	233401	2561685	89.36%	4.807%
8	11.759	11.715	11.824	PB	232814	2619955	91.39%	4.916%
9	12.085	12.024	12.154	BB	265468	2866726	100.00%	5.379%
10	13.074	12.982	13.137	BB	216764	2518489	87.85%	4.726%
11	13.521	13.455	13.582	BB	183371	2156193	75.21%	4.046%
12	13.688	13.650	13.745	PB	204951	2473384	86.28%	4.641%
13	14.276	14.207	14.335	BB	198948	2448476	85.41%	4.594%
14	15.382	15.302	15.444	BB	199328	2433764	84.90%	4.567%
15	16.407	16.229	16.455	BB	178966	2397717	83.64%	4.499%
16	17.359	17.275	17.429	BB	172737	2370324	82.68%	4.448%
17	18.248	18.184	18.322	BB	180187	2441052	85.15%	4.580%
18	19.082	19.012	19.142	BB	172722	2401932	83.79%	4.507%
19	19.867	19.800	19.915	BV	167321	2323225	81.04%	4.359%
20	20.609	20.570	20.647	BV	149142	2160075	75.35%	4.053%
21	21.390	21.330	21.465	BB	109229	2112729	73.70%	3.964%
22	22.381	22.300	22.500	BBA	83572	2109848	73.60%	3.959%
			Sum of corrected areas:			53292830		

Aliphatic EPH 080125.M Fri Aug 01 15:03:05 2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FC081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069643.D**						
Aliphatic C9-C12	8281038.000	60.000	3.296	6.594	138017.300	144679.273	4.605
Aliphatic C12-C16	5564407.000	40.000	6.595	9.998	139110.175	143435.206	3.015
Aliphatic C16-C21	7699230.000	60.000	9.999	13.367	128320.500	133561.231	3.924
Aliphatic C21-C28	9027039.000	80.000	13.368	17.032	112837.988	118307.822	4.623
Aliphatic C28-C40	11191769.000	120.000	17.033	22.008	93264.742	95315.213	2.151
Aliphatic EPH	41763483.000	360.000	3.296	22.008	116009.675	120373.027	3.625

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	12 Aug 2025 18:50
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069643.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.296	6.594	8281038.000	60.000	ug/ml
Aliphatic C12-C16	6.595	9.998	5564407.000	40.000	ug/ml
Aliphatic C16-C21	9.999	13.367	7699230.000	60.000	ug/ml
Aliphatic C21-C28	13.368	17.032	9027039.000	80.000	ug/ml
Aliphatic C28-C40	17.033	22.008	11191769.000	120.000	ug/ml
Aliphatic EPH	3.296	22.008	41763483.000	360.000	ug/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FC081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069653.D**						
Aliphatic C9-C12	8188998.000	60.000	3.296	6.594	136483.300	144679.273	5.665
Aliphatic C12-C16	5493955.000	40.000	6.595	9.998	137348.875	143435.206	4.243
Aliphatic C16-C21	7647281.000	60.000	9.999	13.367	127454.683	133561.231	4.572
Aliphatic C21-C28	9064514.000	80.000	13.368	17.032	113306.425	118307.822	4.227
Aliphatic C28-C40	11351707.000	120.000	17.033	22.008	94597.558	95315.213	0.753
Aliphatic EPH	41746455.000	360.000	3.296	22.008	115962.375	120373.027	3.664

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	13 Aug 2025 04:46
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069653.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.296	6.594	8188998.000	60.000	ug/ml
Aliphatic C12-C16	6.595	9.998	5493955.000	40.000	ug/ml
Aliphatic C16-C21	9.999	13.367	7647281.000	60.000	ug/ml
Aliphatic C21-C28	13.368	17.032	9064514.000	80.000	ug/ml
Aliphatic C28-C40	17.033	22.008	11351707.000	120.000	ug/ml
Aliphatic EPH	3.296	22.008	41746455.000	360.000	ug/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055254.D**						
Aliphatic C9-C12	6178262.000	60.000	3.323	6.959	102971.033	116782.597	11.827
Aliphatic C12-C16	4527408.000	40.000	6.960	10.413	113185.200	125227.070	9.616
Aliphatic C16-C21	6817977.000	60.000	10.414	13.793	113632.950	126404.887	10.104
Aliphatic C21-C28	9438512.000	80.000	13.794	17.466	117981.400	120505.719	2.095
Aliphatic C28-C40	14243173.000	120.000	17.467	22.498	118693.108	113987.195	-4.128
Aliphatic EPH	41205332.000	360.000	3.323	22.498	114459.256	119220.147	3.993

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	12 Aug 2025 13:54
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055254.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.323	6.959	6178262.000	60.000	ug/ml
Aliphatic C12-C16	6.960	10.413	4527408.000	40.000	ug/ml
Aliphatic C16-C21	10.414	13.793	6817977.000	60.000	ug/ml
Aliphatic C21-C28	13.794	17.466	9438512.000	80.000	ug/ml
Aliphatic C28-C40	17.467	22.498	14243173.000	120.000	ug/ml
Aliphatic EPH	3.323	22.498	41205332.000	360.000	ug/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055268.D**						
Aliphatic C9-C12	6298720.000	60.000	3.323	6.959	104978.667	116782.597	10.108
Aliphatic C12-C16	4641325.000	40.000	6.960	10.413	116033.125	125227.070	7.342
Aliphatic C16-C21	7203361.000	60.000	10.414	13.793	120056.017	126404.887	5.023
Aliphatic C21-C28	10317939.000	80.000	13.794	17.466	128974.238	120505.719	-7.027
Aliphatic C28-C40	15234038.000	120.000	17.467	22.498	126950.317	113987.195	-11.372
Aliphatic EPH	43695383.000	360.000	3.323	22.498	121376.064	119220.147	-1.808

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	12 Aug 2025 21:32
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055268.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.323	6.959	6298720.000	60.000	ug/ml
Aliphatic C12-C16	6.960	10.413	4641325.000	40.000	ug/ml
Aliphatic C16-C21	10.414	13.793	7203361.000	60.000	ug/ml
Aliphatic C21-C28	13.794	17.466	10317939.000	80.000	ug/ml
Aliphatic C28-C40	17.467	22.498	15234038.000	120.000	ug/ml
Aliphatic EPH	3.323	22.498	43695383.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
Data File : FE055263.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 18:29
Operator : YP\AJ
Sample : Q2826-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Aug 13 04:06:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.090	4410471	30.885 ug/ml
Spiked Amount 50.000		Recovery =	61.77%
12) S 1-chlorooctadecane (S...	13.526	3480850	32.373 ug/ml
Spiked Amount 50.000		Recovery =	64.75%
Target Compounds			

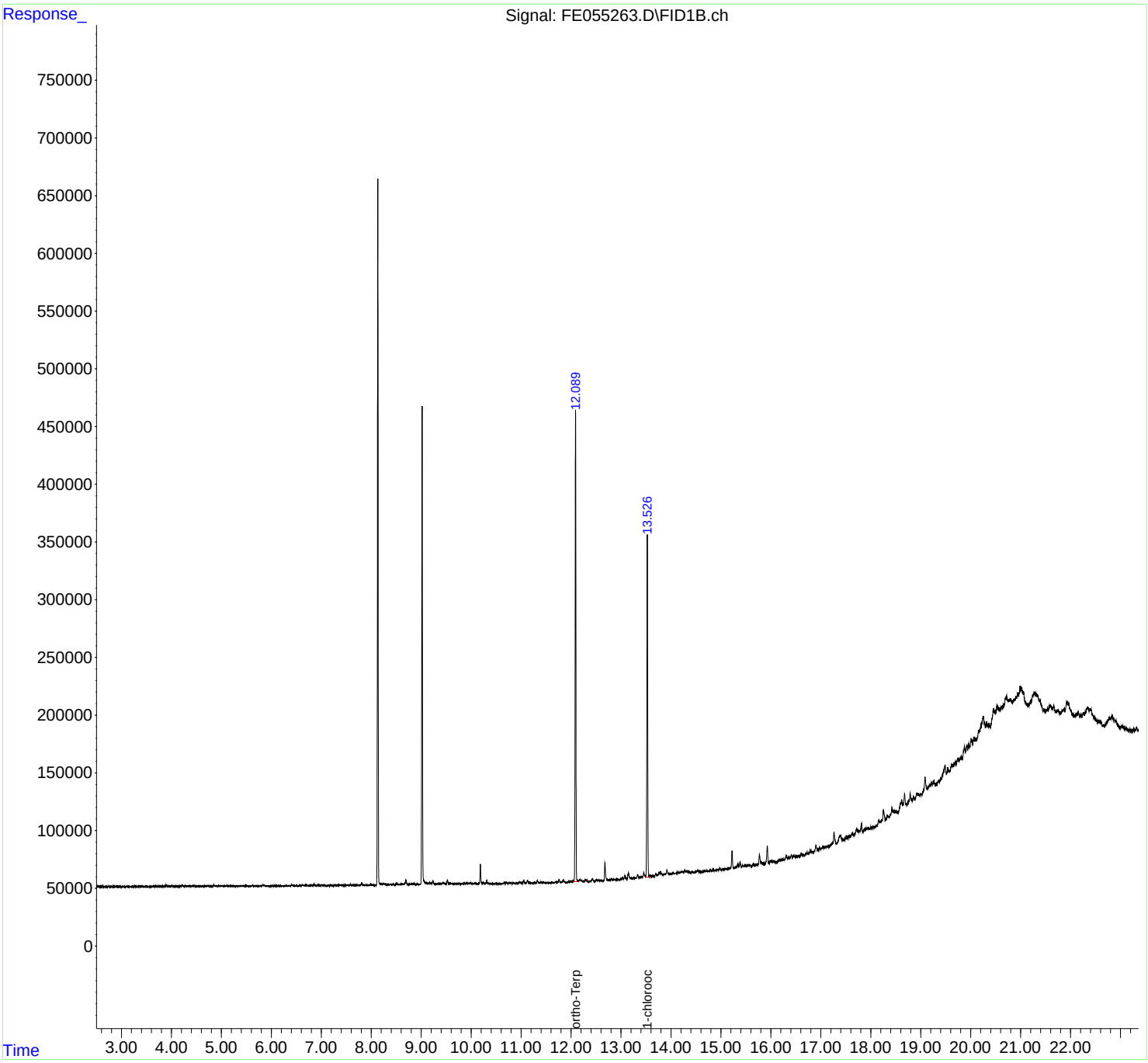
(f)=RT Delta > 1/2 Window (m)=manual int.

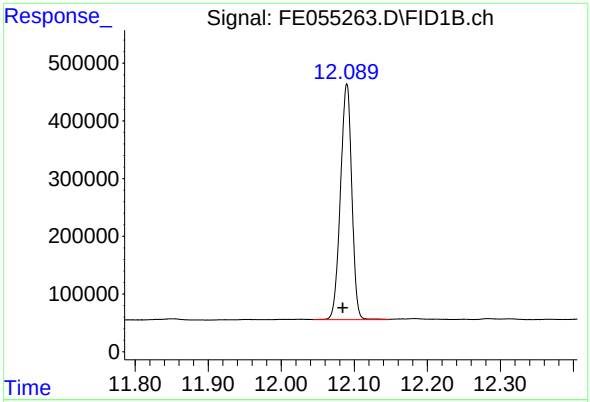
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
Data File : FE055263.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 18:29
Operator : YP\AJ
Sample : Q2826-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Aug 13 04:06:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

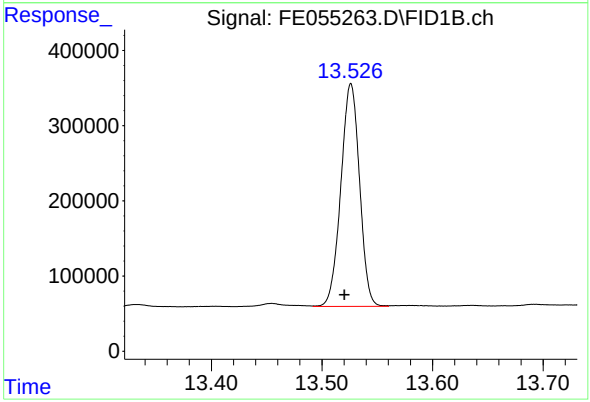




#9 ortho-Terphenyl (SURR)

R.T.: 12.090 min
Delta R.T.: 0.006 min
Response: 4410471
Conc: 30.88 ug/ml

Instrument :
FID_E
ClientSampleId :
WC1



#12 1-chlorooctadecane (SURR)

R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 3480850
Conc: 32.37 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
Data File : FE055263.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 18:29
Sample : Q2826-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.837	2.804	2.891	BV	328	7010	0.11%	0.010%
2	2.904	2.891	2.961	VV	141	3333	0.05%	0.005%
3	3.005	2.961	3.038	VV	63	2188	0.04%	0.003%
4	3.047	3.038	3.068	VV	114	1020	0.02%	0.001%
5	3.101	3.068	3.136	VV	118	3008	0.05%	0.004%
6	3.150	3.136	3.174	VV	190	2145	0.04%	0.003%
7	3.205	3.174	3.214	VV	133	1968	0.03%	0.003%
8	3.238	3.214	3.245	VV	122	1270	0.02%	0.002%
9	3.265	3.245	3.288	PV	350	5507	0.09%	0.008%
10	3.298	3.288	3.333	VV	265	4694	0.08%	0.007%
11	3.351	3.333	3.362	VV	200	1833	0.03%	0.003%
12	3.419	3.362	3.455	VV	300	8098	0.13%	0.011%
13	3.470	3.455	3.514	VV	161	3486	0.06%	0.005%
14	3.555	3.514	3.571	VV	168	3787	0.06%	0.005%
15	3.632	3.571	3.715	VV	250	13167	0.22%	0.019%
16	3.778	3.715	3.814	VV	298	11682	0.19%	0.017%
17	3.825	3.814	3.834	VV	225	2008	0.03%	0.003%
18	3.893	3.834	3.924	VV	1249	22131	0.36%	0.031%
19	3.932	3.924	3.974	VV	388	7122	0.12%	0.010%
20	4.009	3.974	4.051	VV	1142	18713	0.31%	0.026%
21	4.064	4.051	4.087	VV	379	5960	0.10%	0.008%
22	4.112	4.087	4.123	VV	363	6052	0.10%	0.009%
23	4.128	4.123	4.171	VV	276	6958	0.11%	0.010%
24	4.218	4.171	4.258	VV	1338	25255	0.41%	0.036%
25	4.285	4.258	4.305	VV	405	9840	0.16%	0.014%

rteres

26	4.326	4.305	4.371	VV	433	11876	0.19%	0.017%
27	4.404	4.371	4.429	VV	413	10520	0.17%	0.015%
28	4.448	4.429	4.486	VV	526	11472	0.19%	0.016%
29	4.495	4.486	4.538	VV	343	7640	0.12%	0.011%
30	4.551	4.538	4.578	VV	252	5554	0.09%	0.008%
31	4.583	4.578	4.611	VV	285	4586	0.07%	0.006%
32	4.619	4.611	4.634	VV	264	3155	0.05%	0.004%
33	4.648	4.634	4.658	VV	263	3112	0.05%	0.004%
34	4.680	4.658	4.708	VV	570	9904	0.16%	0.014%
35	4.724	4.708	4.741	VV	331	5387	0.09%	0.008%
36	4.754	4.741	4.824	VV	297	9878	0.16%	0.014%
37	4.847	4.824	4.881	VV	1703	21147	0.35%	0.030%
38	4.932	4.881	4.953	VV	369	11630	0.19%	0.016%
39	4.967	4.953	5.004	VV	514	10202	0.17%	0.014%
40	5.024	5.004	5.036	VV	304	5207	0.09%	0.007%
41	5.055	5.036	5.081	VV	457	8668	0.14%	0.012%
42	5.093	5.081	5.114	VV	394	6093	0.10%	0.009%
43	5.131	5.114	5.168	VV	460	10738	0.18%	0.015%
44	5.196	5.168	5.247	VV	346	11278	0.18%	0.016%
45	5.264	5.247	5.282	VV	255	3695	0.06%	0.005%
46	5.295	5.282	5.318	VV	193	2895	0.05%	0.004%
47	5.364	5.318	5.381	VV	260	6710	0.11%	0.010%
48	5.392	5.381	5.418	VV	387	5887	0.10%	0.008%
49	5.430	5.418	5.458	VV	299	5208	0.09%	0.007%
50	5.473	5.458	5.488	VV	504	5877	0.10%	0.008%
51	5.499	5.488	5.514	VV	439	4844	0.08%	0.007%
52	5.527	5.514	5.539	VV	261	2817	0.05%	0.004%
53	5.599	5.539	5.606	VV	245	5106	0.08%	0.007%
54	5.626	5.606	5.651	VV	1101	13359	0.22%	0.019%
55	5.674	5.651	5.688	VV	299	5210	0.09%	0.007%
56	5.701	5.688	5.721	VV	362	5060	0.08%	0.007%
57	5.727	5.721	5.747	VV	154	2158	0.04%	0.003%
58	5.769	5.747	5.793	VV	238	3426	0.06%	0.005%
59	5.822	5.793	5.838	PV	1110	12932	0.21%	0.018%
60	5.856	5.838	5.939	VV	705	17343	0.28%	0.025%
61	5.948	5.939	5.967	VV	195	2267	0.04%	0.003%
62	6.017	5.967	6.041	VV	566	12510	0.20%	0.018%
63	6.051	6.041	6.075	VV	200	3704	0.06%	0.005%
64	6.085	6.075	6.103	VV	253	3770	0.06%	0.005%
65	6.140	6.103	6.164	VV	453	10487	0.17%	0.015%
66	6.182	6.164	6.228	VV	387	9599	0.16%	0.014%
67	6.258	6.228	6.284	PV	299	5670	0.09%	0.008%
68	6.304	6.284	6.328	VV	478	6768	0.11%	0.010%
69	6.361	6.328	6.382	VV	362	8509	0.14%	0.012%

rteres

70	6.404	6.382	6.444	VV	1532	23928	0.39%	0.034%
71	6.455	6.444	6.474	VV	378	5169	0.08%	0.007%
72	6.503	6.474	6.530	VV	493	11048	0.18%	0.016%
73	6.563	6.530	6.580	VV	509	10565	0.17%	0.015%
74	6.592	6.580	6.597	VV	323	2871	0.05%	0.004%
75	6.627	6.597	6.668	VV	873	19581	0.32%	0.028%
76	6.694	6.668	6.714	VV	957	14723	0.24%	0.021%
77	6.737	6.714	6.757	VV	388	7770	0.13%	0.011%
78	6.785	6.757	6.798	VV	497	9244	0.15%	0.013%
79	6.857	6.798	6.911	VV	1771	36315	0.59%	0.051%
80	6.937	6.911	6.964	VV	619	11738	0.19%	0.017%
81	6.975	6.964	6.984	VV	217	2582	0.04%	0.004%
82	7.012	6.984	7.034	VV	835	12489	0.20%	0.018%
83	7.057	7.034	7.081	VV	490	7838	0.13%	0.011%
84	7.087	7.081	7.111	VV	175	1636	0.03%	0.002%
85	7.146	7.111	7.164	VV	334	6097	0.10%	0.009%
86	7.196	7.164	7.238	PV	291	6308	0.10%	0.009%
87	7.270	7.238	7.324	VV	560	10859	0.18%	0.015%
88	7.346	7.324	7.364	VV	625	9347	0.15%	0.013%
89	7.394	7.364	7.418	VV	556	13604	0.22%	0.019%
90	7.437	7.418	7.460	VV	635	8891	0.15%	0.013%
91	7.505	7.460	7.524	VV	826	16762	0.27%	0.024%
92	7.537	7.524	7.564	VV	524	6639	0.11%	0.009%
93	7.582	7.564	7.626	VV	1185	19527	0.32%	0.028%
94	7.645	7.626	7.664	VV	623	7881	0.13%	0.011%
95	7.683	7.664	7.704	VV	412	6856	0.11%	0.010%
96	7.724	7.704	7.751	VV	261	4546	0.07%	0.006%
97	7.808	7.751	7.841	VV	2458	39382	0.64%	0.056%
98	7.856	7.841	7.873	VV	285	4296	0.07%	0.006%
99	7.896	7.873	7.921	VV	283	6215	0.10%	0.009%
100	7.940	7.921	7.961	VV	280	4546	0.07%	0.006%
101	7.989	7.961	8.061	VV	739	18031	0.29%	0.026%
102	8.069	8.061	8.084	PV	99	957	0.02%	0.001%
103	8.245	8.215	8.259	VV	1176	27605	0.45%	0.039%
104	8.267	8.259	8.288	VV	1045	15374	0.25%	0.022%
105	8.296	8.288	8.320	VV	744	11332	0.19%	0.016%
106	8.338	8.320	8.368	VV	698	13635	0.22%	0.019%
107	8.385	8.368	8.413	VV	863	16349	0.27%	0.023%
108	8.436	8.413	8.484	VV	1029	24691	0.40%	0.035%
109	8.513	8.484	8.536	VV	1892	28729	0.47%	0.041%
110	8.627	8.536	8.642	VV	1055	42903	0.70%	0.061%
111	8.694	8.642	8.731	VV	4551	90650	1.48%	0.128%
112	8.741	8.731	8.759	VV	751	10663	0.17%	0.015%

rteres

113	8.811	8.759	8.828	VV	823	27130	0.44%	0.038%
114	8.866	8.828	8.907	VV	1548	35886	0.59%	0.051%
115	8.924	8.907	8.961	VV	724	15719	0.26%	0.022%
116	9.166	9.141	9.218	VV	1781	55407	0.90%	0.078%
117	9.237	9.218	9.264	VV	3222	47958	0.78%	0.068%
118	9.286	9.264	9.305	VV	750	15807	0.26%	0.022%
119	9.328	9.305	9.336	VV	859	13269	0.22%	0.019%
120	9.354	9.336	9.372	VV	920	17540	0.29%	0.025%
121	9.389	9.372	9.408	VV	882	16265	0.27%	0.023%
122	9.433	9.408	9.469	VV	1647	41221	0.67%	0.058%
123	9.477	9.469	9.489	VV	906	10236	0.17%	0.014%
124	9.526	9.489	9.554	VV	4030	66276	1.08%	0.094%
125	9.569	9.554	9.588	VV	944	16472	0.27%	0.023%
126	9.613	9.588	9.644	VV	791	19500	0.32%	0.028%
127	9.685	9.644	9.704	VV	797	20564	0.34%	0.029%
128	9.716	9.704	9.746	VV	623	13344	0.22%	0.019%
129	9.766	9.746	9.800	VV	588	13637	0.22%	0.019%
130	9.823	9.800	9.840	VV	705	12802	0.21%	0.018%
131	9.859	9.840	9.884	VV	790	16349	0.27%	0.023%
132	9.906	9.884	9.961	VV	1377	38820	0.63%	0.055%
133	9.987	9.961	10.021	VV	1174	27196	0.44%	0.039%
134	10.033	10.021	10.050	VV	672	9571	0.16%	0.014%
135	10.065	10.050	10.076	VV	717	9568	0.16%	0.014%
136	10.089	10.076	10.121	VV	862	14342	0.23%	0.020%
137	10.145	10.121	10.161	VV	545	10442	0.17%	0.015%
138	10.185	10.161	10.216	VV	17378	188960	3.09%	0.268%
139	10.229	10.216	10.287	VV	1009	33589	0.55%	0.048%
140	10.310	10.287	10.403	VV	3143	58890	0.96%	0.083%
141	10.417	10.403	10.463	VV	438	8572	0.14%	0.012%
142	10.488	10.463	10.537	VV	346	7506	0.12%	0.011%
143	10.593	10.537	10.604	PV	246	4259	0.07%	0.006%
144	10.622	10.604	10.634	VV	287	3352	0.05%	0.005%
145	10.661	10.634	10.684	VV	1396	20851	0.34%	0.030%
146	10.702	10.684	10.729	VV	1880	26915	0.44%	0.038%
147	10.761	10.729	10.781	VV	788	17772	0.29%	0.025%
148	10.793	10.781	10.822	VV	875	13856	0.23%	0.020%
149	10.846	10.822	10.878	VV	632	13226	0.22%	0.019%
150	10.900	10.878	10.932	VV	509	10386	0.17%	0.015%
151	10.976	10.932	10.998	VV	1231	29946	0.49%	0.042%
152	11.008	10.998	11.026	VV	778	10248	0.17%	0.015%
153	11.054	11.026	11.076	VV	2784	38146	0.62%	0.054%
154	11.083	11.076	11.100	VV	480	5680	0.09%	0.008%
155	11.125	11.100	11.214	VV	2531	56215	0.92%	0.080%

rteres

156	11.277	11.214	11.301	VV	898	20188	0.33%	0.029%
157	11.325	11.301	11.368	VV	2528	43347	0.71%	0.061%
158	11.398	11.368	11.419	VV	1152	19138	0.31%	0.027%
159	11.450	11.419	11.501	VV	1043	26702	0.44%	0.038%
160	11.508	11.501	11.518	VV	368	3183	0.05%	0.005%
161	11.536	11.518	11.555	VV	546	7986	0.13%	0.011%
162	11.563	11.555	11.597	VV	259	3908	0.06%	0.006%
163	11.622	11.597	11.656	PV	652	11050	0.18%	0.016%
164	11.691	11.656	11.711	VV	1170	16874	0.28%	0.024%
165	11.760	11.711	11.781	VV	3015	49895	0.81%	0.071%
166	11.851	11.781	11.904	VV	2243	57888	0.95%	0.082%
167	11.924	11.904	11.934	VV	473	5581	0.09%	0.008%
168	11.953	11.934	11.971	VV	890	14981	0.24%	0.021%
169	12.002	11.971	12.014	VV	930	19823	0.32%	0.028%
170	12.027	12.014	12.044	VV	1209	17137	0.28%	0.024%
171	12.090	12.044	12.146	VV	413261	4437084	72.46%	6.283%
172	12.183	12.146	12.234	VV	2109	65110	1.06%	0.092%
173	12.250	12.234	12.264	VV	814	10089	0.16%	0.014%
174	12.284	12.264	12.300	VV	1856	26551	0.43%	0.038%
175	12.313	12.300	12.344	VV	1466	20869	0.34%	0.030%
176	12.367	12.344	12.388	PV	584	7954	0.13%	0.011%
177	12.431	12.388	12.481	VV	2269	51208	0.84%	0.073%
178	12.512	12.481	12.558	VV	1466	40395	0.66%	0.057%
179	12.567	12.558	12.581	VV	606	6805	0.11%	0.010%
180	12.603	12.581	12.622	VV	554	9449	0.15%	0.013%
181	12.638	12.622	12.651	PV	380	4469	0.07%	0.006%
182	12.678	12.651	12.758	VV	15686	231430	3.78%	0.328%
183	12.774	12.758	12.791	VV	620	10038	0.16%	0.014%
184	12.810	12.791	12.833	VV	1260	19959	0.33%	0.028%
185	12.851	12.833	12.871	VV	1363	16174	0.26%	0.023%
186	12.895	12.871	12.910	VV	405	6485	0.11%	0.009%
187	12.943	12.910	12.962	VV	422	9165	0.15%	0.013%
188	13.033	12.962	13.054	PV	1393	35358	0.58%	0.050%
189	13.076	13.054	13.117	VV	3053	52127	0.85%	0.074%
190	13.150	13.117	13.188	VV	5013	93868	1.53%	0.133%
191	13.211	13.188	13.238	VV	389	7926	0.13%	0.011%
192	13.255	13.238	13.267	VV	397	4548	0.07%	0.006%
193	13.285	13.267	13.308	VV	432	6613	0.11%	0.009%
194	13.332	13.308	13.373	VV	3342	52521	0.86%	0.074%
195	13.404	13.373	13.420	VV	646	11592	0.19%	0.016%
196	13.455	13.420	13.492	VV	4314	74707	1.22%	0.106%
197	13.526	13.492	13.562	VV	295883	3484883	56.91%	4.935%
198	13.579	13.562	13.610	VV	1059	20947	0.34%	0.030%
199	13.636	13.610	13.654	VV	923	13254	0.22%	0.019%

rteres

200	13.692	13.654	13.729	VV	2212	48332	0.79%	0.068%
201	13.761	13.729	13.774	VV	3108	55447	0.91%	0.079%
202	13.790	13.774	13.838	VV	3243	82167	1.34%	0.116%
203	13.920	13.838	13.948	VV	4606	119818	1.96%	0.170%
204	13.959	13.948	13.985	VV	1446	28212	0.46%	0.040%
205	13.999	13.985	14.010	VV	1142	15820	0.26%	0.022%
206	14.043	14.010	14.063	VV	1707	40480	0.66%	0.057%
207	14.092	14.063	14.101	VV	1442	26506	0.43%	0.038%
208	14.119	14.101	14.137	VV	1739	32573	0.53%	0.046%
209	14.157	14.137	14.174	VV	1816	33067	0.54%	0.047%
210	14.197	14.174	14.209	VV	1944	32845	0.54%	0.047%
211	14.231	14.209	14.257	VV	1948	45172	0.74%	0.064%
212	14.279	14.257	14.295	VV	2849	46451	0.76%	0.066%
213	14.317	14.295	14.354	VV	2284	64211	1.05%	0.091%
214	14.365	14.354	14.391	VV	1198	19160	0.31%	0.027%
215	14.406	14.391	14.414	VV	926	10495	0.17%	0.015%
216	14.433	14.414	14.458	VV	975	17920	0.29%	0.025%
217	14.465	14.458	14.475	VV	576	4495	0.07%	0.006%
218	14.503	14.475	14.514	VV	1334	20588	0.34%	0.029%
219	14.533	14.514	14.609	VV	1858	48368	0.79%	0.068%
220	14.615	14.609	14.621	VV	215	1042	0.02%	0.001%
221	14.675	14.621	14.696	VV	1057	25368	0.41%	0.036%
222	14.718	14.696	14.740	VV	1101	15892	0.26%	0.023%
223	14.784	14.740	14.818	VV	1167	29302	0.48%	0.041%
224	14.846	14.818	14.865	PV	2143	25674	0.42%	0.036%
225	14.885	14.865	14.894	VV	591	8458	0.14%	0.012%
226	14.915	14.894	14.933	VV	851	14379	0.23%	0.020%
227	14.974	14.933	15.009	VV	1747	41686	0.68%	0.059%
228	15.028	15.009	15.051	PV	798	9902	0.16%	0.014%
229	15.094	15.051	15.104	VV	553	12987	0.21%	0.018%
230	15.113	15.104	15.126	VV	479	4931	0.08%	0.007%
231	15.156	15.126	15.173	VV	668	12475	0.20%	0.018%
232	15.222	15.173	15.264	VV	15215	206770	3.38%	0.293%
233	15.340	15.264	15.360	VV	3534	77865	1.27%	0.110%
234	15.382	15.360	15.410	VV	5209	73845	1.21%	0.105%
235	15.433	15.410	15.454	VV	1584	25604	0.42%	0.036%
236	15.490	15.454	15.511	VV	1590	39340	0.64%	0.056%
237	15.542	15.511	15.559	VV	1386	29579	0.48%	0.042%
238	15.573	15.559	15.610	VV	1030	20251	0.33%	0.029%
239	15.653	15.610	15.685	PV	1164	24142	0.39%	0.034%
240	15.735	15.685	15.740	VV	381	11194	0.18%	0.016%
241	15.771	15.740	15.812	VV	9137	157779	2.58%	0.223%
242	15.827	15.812	15.846	VV	1324	22145	0.36%	0.031%

rteres

243	15.857	15.846	15.883	VV	712	8815	0.14%	0.012%
244	15.928	15.883	15.961	PV	15525	224820	3.67%	0.318%
245	15.989	15.961	15.998	VV	1865	23522	0.38%	0.033%
246	16.014	15.998	16.031	VV	1910	27243	0.44%	0.039%
247	16.052	16.031	16.087	VV	1144	23024	0.38%	0.033%
248	16.179	16.087	16.204	PV	1214	36012	0.59%	0.051%
249	16.223	16.204	16.235	VV	958	12481	0.20%	0.018%
250	16.306	16.235	16.334	VV	3685	80382	1.31%	0.114%
251	16.350	16.334	16.359	VV	1187	16190	0.26%	0.023%
252	16.374	16.359	16.384	VV	1512	17299	0.28%	0.024%
253	16.410	16.384	16.430	VV	2943	47454	0.77%	0.067%
254	16.450	16.430	16.498	VV	1742	47721	0.78%	0.068%
255	16.506	16.498	16.521	VV	918	8748	0.14%	0.012%
256	16.555	16.521	16.568	VV	568	15032	0.25%	0.021%
257	16.611	16.568	16.646	VV	1633	43588	0.71%	0.062%
258	16.654	16.646	16.668	VV	301	2318	0.04%	0.003%
259	16.723	16.668	16.745	PV	1658	37503	0.61%	0.053%
260	16.790	16.745	16.842	VV	2702	70262	1.15%	0.099%
261	16.903	16.842	16.954	PV	4872	113236	1.85%	0.160%
262	16.981	16.954	17.001	VV	2642	36087	0.59%	0.051%
263	17.039	17.001	17.061	VV	1673	42474	0.69%	0.060%
264	17.101	17.061	17.110	VV	1069	26867	0.44%	0.038%
265	17.140	17.110	17.160	VV	898	21840	0.36%	0.031%
266	17.229	17.160	17.238	PV	2149	47330	0.77%	0.067%
267	17.265	17.238	17.323	VV	10861	182694	2.98%	0.259%
268	17.386	17.323	17.428	PV	6010	206152	3.37%	0.292%
269	17.441	17.428	17.461	VV	1446	20478	0.33%	0.029%
270	17.509	17.461	17.535	VV	2377	57656	0.94%	0.082%
271	17.629	17.535	17.648	VV	3868	131275	2.14%	0.186%
272	17.657	17.648	17.671	VV	1933	19800	0.32%	0.028%
273	17.719	17.671	17.761	VV	6129	179619	2.93%	0.254%
274	17.776	17.761	17.785	VV	2967	35487	0.58%	0.050%
275	17.814	17.785	17.838	VV	8626	139231	2.27%	0.197%
276	17.872	17.838	17.886	VV	3000	48927	0.80%	0.069%
277	17.902	17.886	17.918	VV	2532	36228	0.59%	0.051%
278	17.953	17.918	17.977	VV	2332	61725	1.01%	0.087%
279	18.002	17.977	18.020	VV	2173	25131	0.41%	0.036%
280	18.040	18.020	18.055	PV	1388	16860	0.28%	0.024%
281	18.061	18.055	18.081	VV	693	6489	0.11%	0.009%
282	18.110	18.081	18.123	PV	1050	14780	0.24%	0.021%
283	18.160	18.123	18.203	VV	4431	125002	2.04%	0.177%
284	18.253	18.203	18.291	VV	9918	265913	4.34%	0.377%
285	18.305	18.291	18.313	VV	2209	25601	0.42%	0.036%

rteres

286	18.338	18.313	18.368	VV	4543	104241	1.70%	0.148%
287	18.423	18.368	18.439	VV	9596	210763	3.44%	0.298%
288	18.448	18.439	18.469	VV	6334	97023	1.58%	0.137%
289	18.485	18.469	18.495	VV	5144	68287	1.12%	0.097%
290	18.509	18.495	18.530	VV	4131	72344	1.18%	0.102%
291	18.541	18.530	18.552	VV	2983	33269	0.54%	0.047%
292	18.595	18.552	18.603	VV	9565	178419	2.91%	0.253%
293	18.619	18.603	18.644	VV	11296	222256	3.63%	0.315%
294	18.677	18.644	18.719	VV	15110	395646	6.46%	0.560%
295	18.789	18.719	18.834	VV	13454	511650	8.36%	0.725%
296	18.854	18.834	18.877	VV	9087	192056	3.14%	0.272%
297	18.934	18.877	18.943	VV	9899	325457	5.31%	0.461%
298	18.958	18.943	18.979	VV	8765	175521	2.87%	0.249%
299	18.995	18.979	19.005	VV	8228	117226	1.91%	0.166%
300	19.013	19.005	19.024	VV	8077	79099	1.29%	0.112%
301	19.087	19.024	19.138	VV	20400	801278	13.09%	1.135%
302	19.186	19.138	19.201	VV	12025	397927	6.50%	0.563%
303	19.216	19.201	19.238	VV	13003	255694	4.18%	0.362%
304	19.266	19.238	19.297	VV	13230	398637	6.51%	0.564%
305	19.308	19.297	19.320	VV	10043	122263	2.00%	0.173%
306	19.362	19.320	19.373	VV	11052	316279	5.16%	0.448%
307	19.488	19.373	19.521	VV	21091	1301821	21.26%	1.843%
308	19.539	19.521	19.587	VV	17962	605315	9.89%	0.857%
309	19.625	19.587	19.653	VV	18724	679572	11.10%	0.962%
310	19.665	19.653	19.677	VV	19502	262739	4.29%	0.372%
311	19.692	19.677	19.705	VV	19859	317203	5.18%	0.449%
312	19.744	19.705	19.774	VV	21426	815394	13.32%	1.155%
313	19.791	19.774	19.800	VV	20615	300743	4.91%	0.426%
314	19.812	19.800	19.823	VV	21615	279844	4.57%	0.396%
315	19.873	19.823	19.896	VV	28976	1055813	17.24%	1.495%
316	19.923	19.896	19.937	VV	28336	656013	10.71%	0.929%
317	19.955	19.937	19.967	VV	29237	493933	8.07%	0.699%
318	20.017	19.967	20.042	VV	31675	1276486	20.85%	1.808%
319	20.064	20.042	20.075	VV	31933	590545	9.64%	0.836%
320	20.081	20.075	20.091	VV	31395	306901	5.01%	0.435%
321	20.103	20.091	20.109	VV	29913	314929	5.14%	0.446%
322	20.156	20.109	20.164	VV	36424	1036825	16.93%	1.468%
323	20.177	20.164	20.186	VV	36207	465868	7.61%	0.660%
324	20.247	20.186	20.298	VV	46318	2703478	44.15%	3.828%
325	20.320	20.298	20.354	VV	39813	1253196	20.47%	1.775%
326	20.367	20.354	20.401	VV	37003	983610	16.06%	1.393%
327	20.460	20.401	20.487	VV	46421	2174757	35.51%	3.079%
328	20.499	20.487	20.506	VV	45563	501970	8.20%	0.711%
329	20.527	20.506	20.549	VV	50208	1205471	19.69%	1.707%

rteres

330	20.557	20.549	20.591	VV	46686	1144014	18.68%	1.620%
331	20.617	20.591	20.626	VV	46399	956646	15.62%	1.355%
332	20.719	20.626	20.771	VV	53270	4204584	68.66%	5.954%
333	20.788	20.771	20.841	VV	48963	1965035	32.09%	2.783%
334	20.905	20.841	20.921	VV	48401	2221081	36.27%	3.145%
335	20.934	20.921	20.964	VV	51048	1263970	20.64%	1.790%
336	20.985	20.964	21.001	VV	55272	1139280	18.60%	1.613%
337	21.015	21.001	21.091	VV	53297	2592743	42.34%	3.671%
338	21.100	21.091	21.169	VV	39561	1692918	27.65%	2.397%
339	21.277	21.169	21.450	VV	43255	6123518	100.00%	8.671%
340	21.460	21.450	21.500	VV	24943	680186	11.11%	0.963%
341	21.540	21.500	21.551	VV	23516	673077	10.99%	0.953%
342	21.584	21.551	21.598	VV	25501	661128	10.80%	0.936%
343	21.607	21.598	21.639	VV	24385	552528	9.02%	0.782%
344	21.661	21.639	21.726	VV	23088	980151	16.01%	1.388%
345	21.751	21.726	21.781	VV	17112	518599	8.47%	0.734%
346	21.791	21.781	21.805	VV	14422	199769	3.26%	0.283%
347	21.870	21.805	21.886	VV	15380	689606	11.26%	0.976%
348	21.928	21.886	22.051	VV	19527	1354820	22.12%	1.918%
349	22.061	22.051	22.071	VV	6389	64236	1.05%	0.091%
350	22.080	22.071	22.089	VV	5279	46631	0.76%	0.066%
351	22.119	22.089	22.136	VV	5834	127180	2.08%	0.180%
352	22.156	22.136	22.198	VV	6211	129368	2.11%	0.183%
353	22.207	22.198	22.230	VV	2223	28800	0.47%	0.041%
354	22.254	22.230	22.274	VV	2788	53910	0.88%	0.076%
355	22.337	22.274	22.364	PV	4371	141886	2.32%	0.201%

Sum of corrected areas: 70620670

Aliphatic EPH 080125.M Wed Aug 13 06:43:57 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069644.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 20:22
Operator : YP/AJ
Sample : PB169207BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BL

Integration File: autoint1.e
Quant Time: Aug 13 01:18:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.667	5198688	34.847 ug/ml
Spiked Amount 50.000		Recovery =	69.69%
12) S 1-chlorooctadecane (S...	13.101	4029814	36.963 ug/ml
Spiked Amount 50.000		Recovery =	73.93%
Target Compounds			

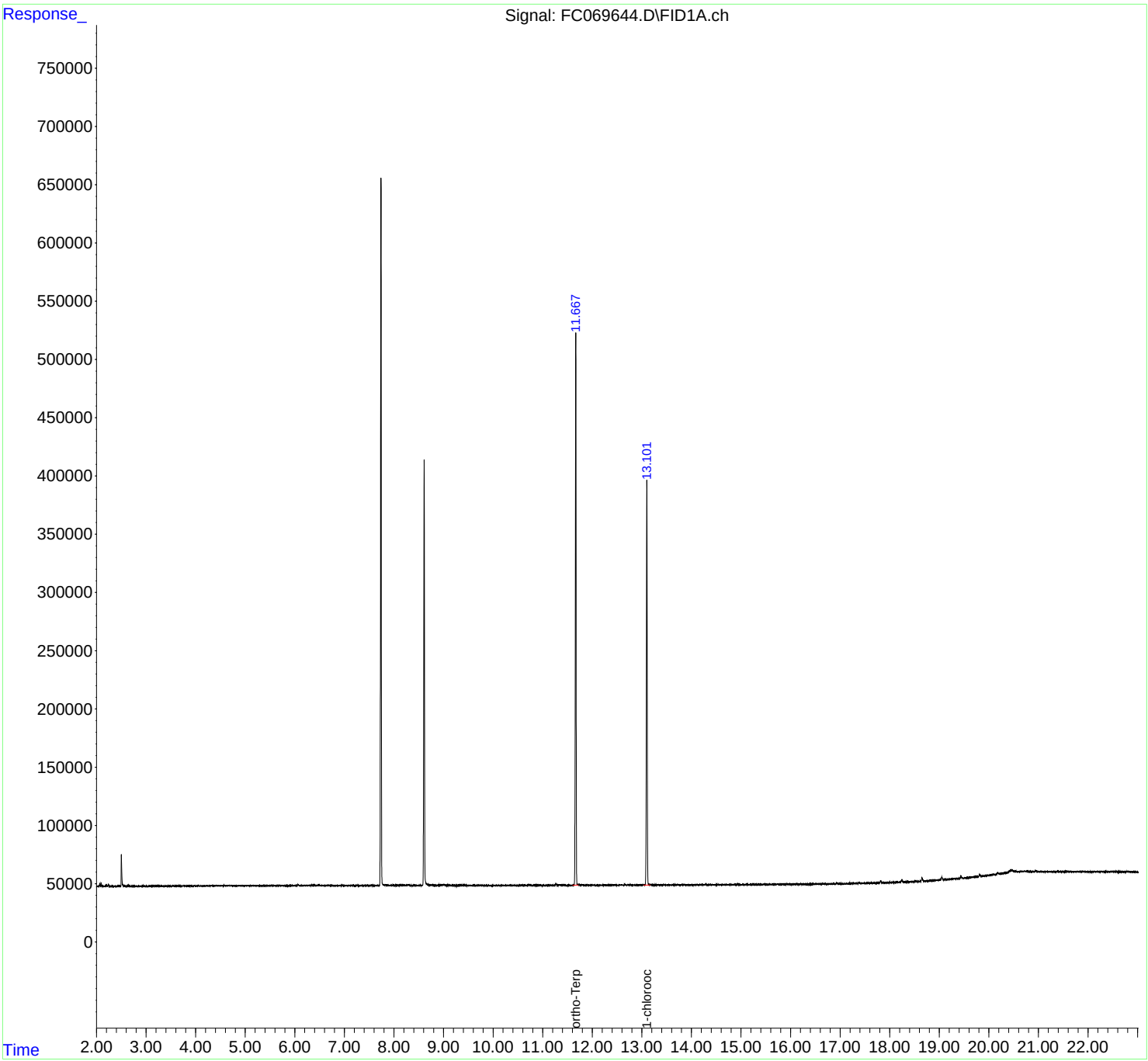
(f)=RT Delta > 1/2 Window (m)=manual int.

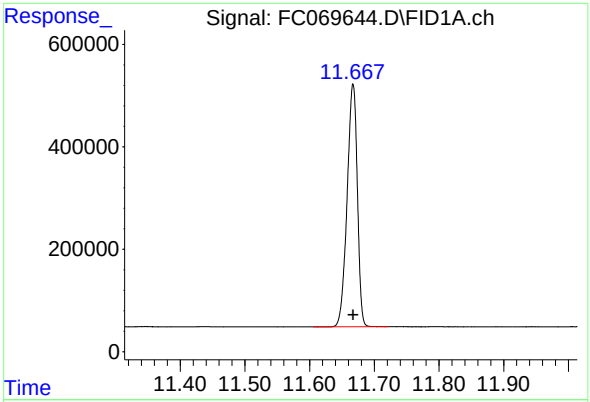
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069644.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 20:22
Operator : YP/AJ
Sample : PB169207BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BL

Integration File: autoint1.e
Quant Time: Aug 13 01:18:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

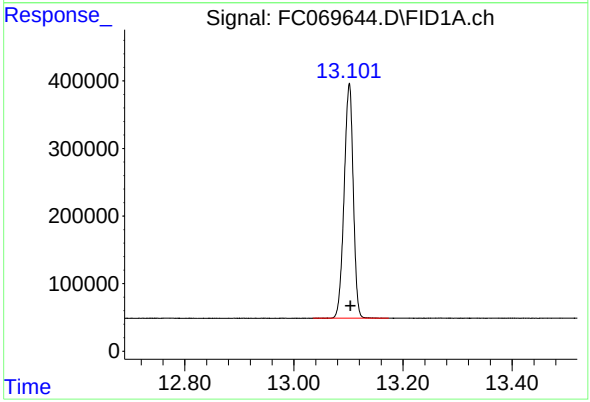




#9 ortho-Terphenyl (SURR)

R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 5198688
Conc: 34.85 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: -0.002 min
Response: 4029814
Conc: 36.96 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069644.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 20:22
Sample : PB169207BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	11.667	11.605	11.722	BB	474661	5198688	100.00%	56.333%
2	13.101	13.035	13.174	BB	349272	4029814	77.52%	43.667%
			Sum of corrected areas:			9228502		

Aliphatic EPH 080125.M Wed Aug 13 03:36:02 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069645.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:08
Operator : YP/AJ
Sample : PB169207BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BS

Integration File: autoint1.e
Quant Time: Aug 13 01:19:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.665	4914195	32.940 ug/ml
Spiked Amount	50.000	Recovery	=	65.88%
12)	S 1-chlorooctadecane (S...	13.100	3814315	34.986 ug/ml
Spiked Amount	50.000	Recovery	=	69.97%
	Target Compounds			
1)	T n-Nonane (C9)	3.405	3497611	24.549 ug/ml
2)	T n-Decane (C10)	4.474	3846915	26.461 ug/ml
3)	T A~Naphthalene (C11.7)	6.065	4720520	30.423 ug/ml
4)	T n-Dodecane (C12)	6.495	4315427	29.520 ug/ml
5)	T A~2-methylnaphthalene...	7.125	4476785	30.398 ug/ml
6)	T n-Tetradecane (C14)	8.296	4424544	31.004 ug/ml
7)	T n-Hexadecane (C16)	9.898	4466867	30.986 ug/ml
8)	T n-Octadecane (C18)	11.343	4307197	30.458 ug/ml
10)	T n-Eicosane (C20)	12.655	4244756	32.224 ug/ml
11)	T n-Heneicosane (C21)	13.266	4032805	31.619 ug/ml
13)	T n-Docosane (C22)	13.854	3914820	31.338 ug/ml
14)	T n-Tetracosane (C24)	14.951	7479290	61.981 ug/ml
15)	T n-Hexacosane (C26)	15.983	3574075	30.931 ug/ml
16)	T n-Octacosane (C28)	16.932	3428566	30.588 ug/ml
17)	T n-Tricontane (C30)	17.823	3399791	29.693 ug/ml
18)	T n-Dotriacontane (C32)	18.657	3379524	30.424 ug/ml
19)	T n-Tetratriacontane (C34)	19.442	3474796	34.126 ug/ml
20)	T n-Hexatriacontane (C36)	20.182	3283820	36.829 ug/ml
21)	T n-Octatriacontane (C38)	20.947	3292080	40.925 ug/ml
22)	T n-Tetracontane (C40)	21.913	3189359	42.592 ug/ml

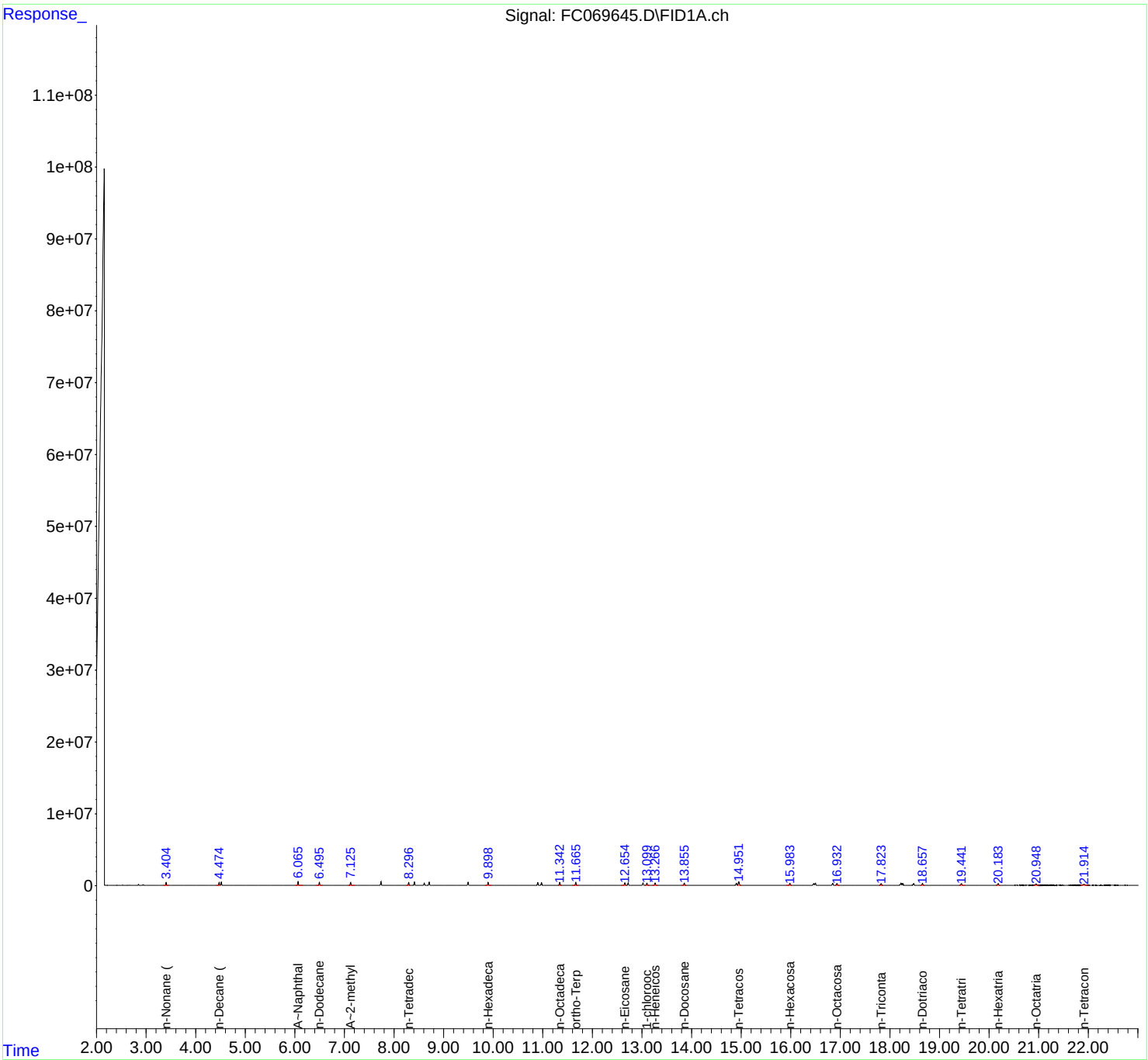
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069645.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:08
Operator : YP/AJ
Sample : PB169207BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BS

Integration File: autoint1.e
Quant Time: Aug 13 01:19:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069645.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:08
Sample : PB169207BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.405	3.347	3.457	BB	424844	3497611	46.76%	2.353%
2	4.474	4.415	4.495	BV	432490	3846915	51.43%	2.588%
3	4.518	4.495	4.560	VV	483828	4237686	56.66%	2.851%
4	6.065	6.004	6.162	BB	514033	4720520	63.11%	3.176%
5	6.495	6.429	6.560	BB	432115	4315427	57.70%	2.903%
6	7.125	7.075	7.209	BB	442801	4476785	59.86%	3.012%
7	8.296	8.240	8.330	BB	421734	4424544	59.16%	2.977%
8	8.411	8.347	8.465	BB	480775	4769464	63.77%	3.209%
9	8.709	8.674	8.767	PB	473244	4772706	63.81%	3.211%
10	9.494	9.430	9.559	BB	453805	4665148	62.37%	3.139%
11	9.898	9.834	9.964	BB	414974	4466867	59.72%	3.005%
12	10.899	10.817	10.940	BV	397258	4299885	57.49%	2.893%
13	10.975	10.940	11.070	VB	385621	4253080	56.86%	2.861%
14	11.343	11.310	11.380	BB	383730	4307197	57.59%	2.898%
15	11.665	11.595	11.722	BB	445345	4914195	65.70%	3.306%
16	12.655	12.585	12.685	BV	363297	4244756	56.75%	2.856%
17	12.722	12.685	12.789	VB	370826	3974891	53.15%	2.674%
18	13.021	12.952	13.057	BV	342135	3951772	52.84%	2.659%
19	13.100	13.057	13.154	VB	311660	3814315	51.00%	2.566%
20	13.266	13.209	13.325	BB	336964	4032805	53.92%	2.713%
21	13.854	13.795	13.899	BB	319716	3914820	52.34%	2.634%
22	14.904	14.840	14.924	BV	298207	3711997	49.63%	2.497%
23	14.951	14.924	15.005	VB	515248	7479290	100.00%	5.032%
24	15.983	15.909	16.022	BB	275226	3574075	47.79%	2.405%
25	16.465	16.392	16.481	BV	270940	3734096	49.93%	2.512%

rteres

26	16.499	16.481	16.530	VB	314872	3703910	49.52%	2.492%
27	16.848	16.830	16.890	BB	243705	2147002	28.71%	1.444%
28	16.932	16.894	16.985	BB	260321	3428566	45.84%	2.307%
29	17.823	17.780	17.859	BB	253848	3399791	45.46%	2.287%
30	18.224	18.144	18.239	BV	287132	3896460	52.10%	2.621%
31	18.259	18.239	18.322	VB	278870	3535387	47.27%	2.379%
32	18.479	18.404	18.539	BB	260122	3505928	46.88%	2.359%
33	18.657	18.610	18.705	BB	239121	3379524	45.19%	2.274%
34	19.442	19.400	19.514	BB	241891	3474796	46.46%	2.338%
35	20.182	20.140	20.225	BB	230329	3283820	43.91%	2.209%
36	20.947	20.890	21.017	BB	178388	3292080	44.02%	2.215%
37	21.913	21.840	22.010	BB	132366	3189359	42.64%	2.146%

Sum of corrected areas: 148637467

Aliphatic EPH 080125.M Wed Aug 13 03:49:43 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069646.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:53
Operator : YP/AJ
Sample : PB169207BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BSD

Integration File: autoint1.e
Quant Time: Aug 13 01:19:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.665	4892968	32.798 ug/ml
Spiked Amount	50.000		Recovery =	65.60%
12)	S 1-chlorooctadecane (S...	13.101	3794482	34.804 ug/ml
Spiked Amount	50.000		Recovery =	69.61%
	Target Compounds			
1)	T n-Nonane (C9)	3.401	3497265	24.547 ug/ml
2)	T n-Decane (C10)	4.471	3841180	26.421 ug/ml
3)	T A~Naphthalene (C11.7)	6.064	4709872	30.354 ug/ml
4)	T n-Dodecane (C12)	6.494	4297278	29.396 ug/ml
5)	T A~2-methylnaphthalene...	7.123	4469713	30.350 ug/ml
6)	T n-Tetradecane (C14)	8.295	4403553	30.856 ug/ml
7)	T n-Hexadecane (C16)	9.898	4433327	30.753 ug/ml
8)	T n-Octadecane (C18)	11.343	4274952	30.230 ug/ml
10)	T n-Eicosane (C20)	12.655	4217416	32.016 ug/ml
11)	T n-Heneicosane (C21)	13.267	4005246	31.403 ug/ml
13)	T n-Docosane (C22)	13.854	3892476	31.160 ug/ml
14)	T n-Tetracosane (C24)	14.952	7494639	62.108 ug/ml
15)	T n-Hexacosane (C26)	15.983	3557197	30.785 ug/ml
16)	T n-Octacosane (C28)	16.934	3414614	30.464 ug/ml
17)	T n-Tricontane (C30)	17.823	3370097	29.434 ug/ml
18)	T n-Dotriacontane (C32)	18.656	3341413	30.081 ug/ml
19)	T n-Tetratriacontane (C34)	19.442	3446181	33.845 ug/ml
20)	T n-Hexatriacontane (C36)	20.183	3263635	36.602 ug/ml
21)	T n-Octatriacontane (C38)	20.948	3279744	40.771 ug/ml
22)	T n-Tetracontane (C40)	21.908	3187972	42.573 ug/ml

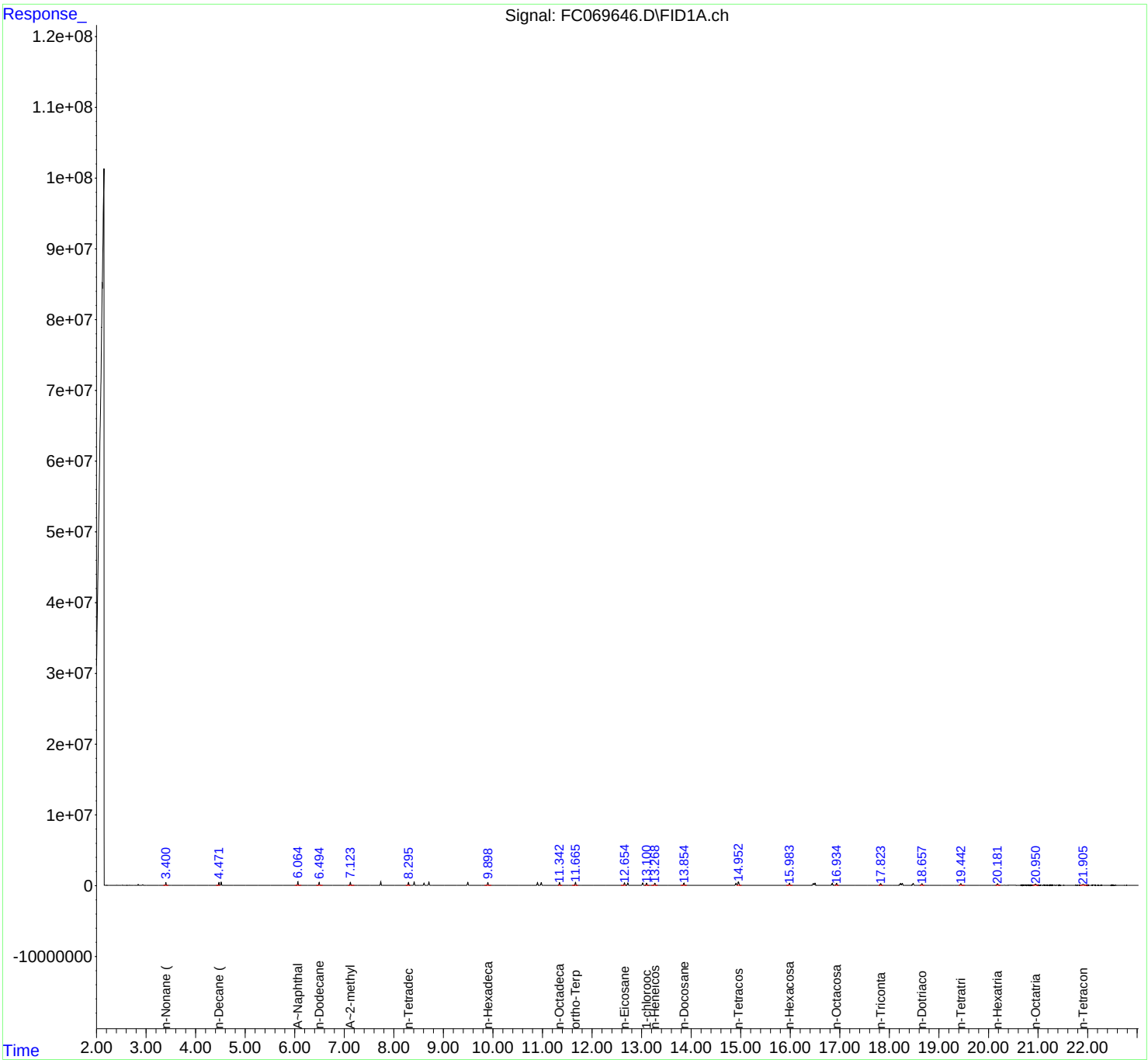
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069646.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:53
Operator : YP/AJ
Sample : PB169207BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BSD

Integration File: autoint1.e
Quant Time: Aug 13 01:19:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069646.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:53
Sample : PB169207BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.401	3.347	3.449	BB	416560	3497265	46.66%	2.352%
2	4.471	4.410	4.493	BV	433776	3841180	51.25%	2.583%
3	4.515	4.493	4.559	VV	484824	4239150	56.56%	2.851%
4	6.064	6.004	6.134	BB	518647	4709872	62.84%	3.168%
5	6.494	6.434	6.560	BB	440585	4297278	57.34%	2.890%
6	7.123	7.074	7.202	BB	451544	4469713	59.64%	3.006%
7	8.295	8.240	8.332	BB	426345	4403553	58.76%	2.962%
8	8.409	8.345	8.469	BB	474704	4772765	63.68%	3.210%
9	8.708	8.672	8.770	VB	473941	4778533	63.76%	3.214%
10	9.493	9.435	9.570	BB	448713	4682899	62.48%	3.149%
11	9.898	9.830	9.967	BB	403726	4433327	59.15%	2.982%
12	10.899	10.822	10.939	BV	397477	4296494	57.33%	2.890%
13	10.975	10.939	11.034	VB	395835	4247096	56.67%	2.856%
14	11.343	11.310	11.395	BB	377116	4274952	57.04%	2.875%
15	11.665	11.599	11.717	BB	445943	4892968	65.29%	3.291%
16	12.655	12.584	12.687	BV	366570	4217416	56.27%	2.836%
17	12.722	12.687	12.787	VB	353431	3974470	53.03%	2.673%
18	13.022	12.955	13.057	BV	352564	3951808	52.73%	2.658%
19	13.101	13.057	13.154	VB	325245	3794482	50.63%	2.552%
20	13.267	13.199	13.322	BB	312302	4005246	53.44%	2.694%
21	13.854	13.789	13.910	BB	317394	3892476	51.94%	2.618%
22	14.904	14.839	14.924	BV	299983	3744183	49.96%	2.518%
23	14.952	14.924	15.017	VB	497443	7494639	100.00%	5.040%
24	15.983	15.919	16.044	BB	275428	3557197	47.46%	2.392%
25	16.466	16.390	16.482	BV	268393	3752159	50.06%	2.523%

rteres

26	16.500	16.482	16.539	VB	327719	3732275	49.80%	2.510%
27	16.848	16.830	16.889	BB	257020	2389391	31.88%	1.607%
28	16.934	16.894	16.977	BB	256409	3414614	45.56%	2.296%
29	17.823	17.780	17.869	BB	242173	3370097	44.97%	2.267%
30	18.224	18.145	18.239	BV	286618	3885445	51.84%	2.613%
31	18.261	18.239	18.329	VB	285713	3629655	48.43%	2.441%
32	18.480	18.412	18.534	BB	264932	3527175	47.06%	2.372%
33	18.656	18.610	18.702	BB	234050	3341413	44.58%	2.247%
34	19.442	19.400	19.517	BB	238956	3446181	45.98%	2.318%
35	20.183	20.140	20.242	BB	218194	3263635	43.55%	2.195%
36	20.948	20.890	21.012	BB	175612	3279744	43.76%	2.206%
37	21.908	21.840	22.005	BB	126639	3187972	42.54%	2.144%

Sum of corrected areas: 148688718

Aliphatic EPH 080125.M Wed Aug 13 03:53:53 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069649.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 00:13
Operator : YP/AJ
Sample : Q2830-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTMS

Integration File: autoint1.e
Quant Time: Aug 13 01:40:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.666	5132110	34.401 ug/ml
Spiked Amount	50.000		Recovery =	68.80%
12) S	1-chlorooctadecane (S...	13.101	3978577	36.493 ug/ml
Spiked Amount	50.000		Recovery =	72.99%
	Target Compounds			
1) T	n-Nonane (C9)	3.394	1953315	13.710 ug/ml
2) T	n-Decane (C10)	4.468	2596126	17.857 ug/ml
3) T	A~Naphthalene (C11.7)	6.064	3736413	24.080 ug/ml
4) T	n-Dodecane (C12)	6.494	3433386	23.487 ug/ml
5) T	A~2-methylnaphthalene...	7.123	3742739	25.413 ug/ml
6) T	n-Tetradecane (C14)	8.295	3803354	26.651 ug/ml
7) T	n-Hexadecane (C16)	9.898	4222368	29.290 ug/ml
8) T	n-Octadecane (C18)	11.342	4277879	30.251 ug/ml
10) T	n-Eicosane (C20)	12.655	4344090	32.978 ug/ml
11) T	n-Heneicosane (C21)	13.267	4119123	32.296 ug/ml
13) T	n-Docosane (C22)	13.854	4038498	32.328 ug/ml
14) T	n-Tetracosane (C24)	14.952	7936440	65.769 ug/ml
15) T	n-Hexacosane (C26)	15.984	3778246	32.698 ug/ml
16) T	n-Octacosane (C28)	16.934	3627091	32.359 ug/ml
17) T	n-Tricontane (C30)	17.823	3569372	31.175 ug/ml
18) T	n-Dotriacontane (C32)	18.656	3569323	32.132 ug/ml
19) T	n-Tetratriacontane (C34)	19.442	3647487	35.822 ug/ml
20) T	n-Hexatriacontane (C36)	20.182	3438119	38.559 ug/ml
21) T	n-Octatriacontane (C38)	20.949	3455440	42.955 ug/ml
22) T	n-Tetracontane (C40)	21.912	3367660	44.973 ug/ml

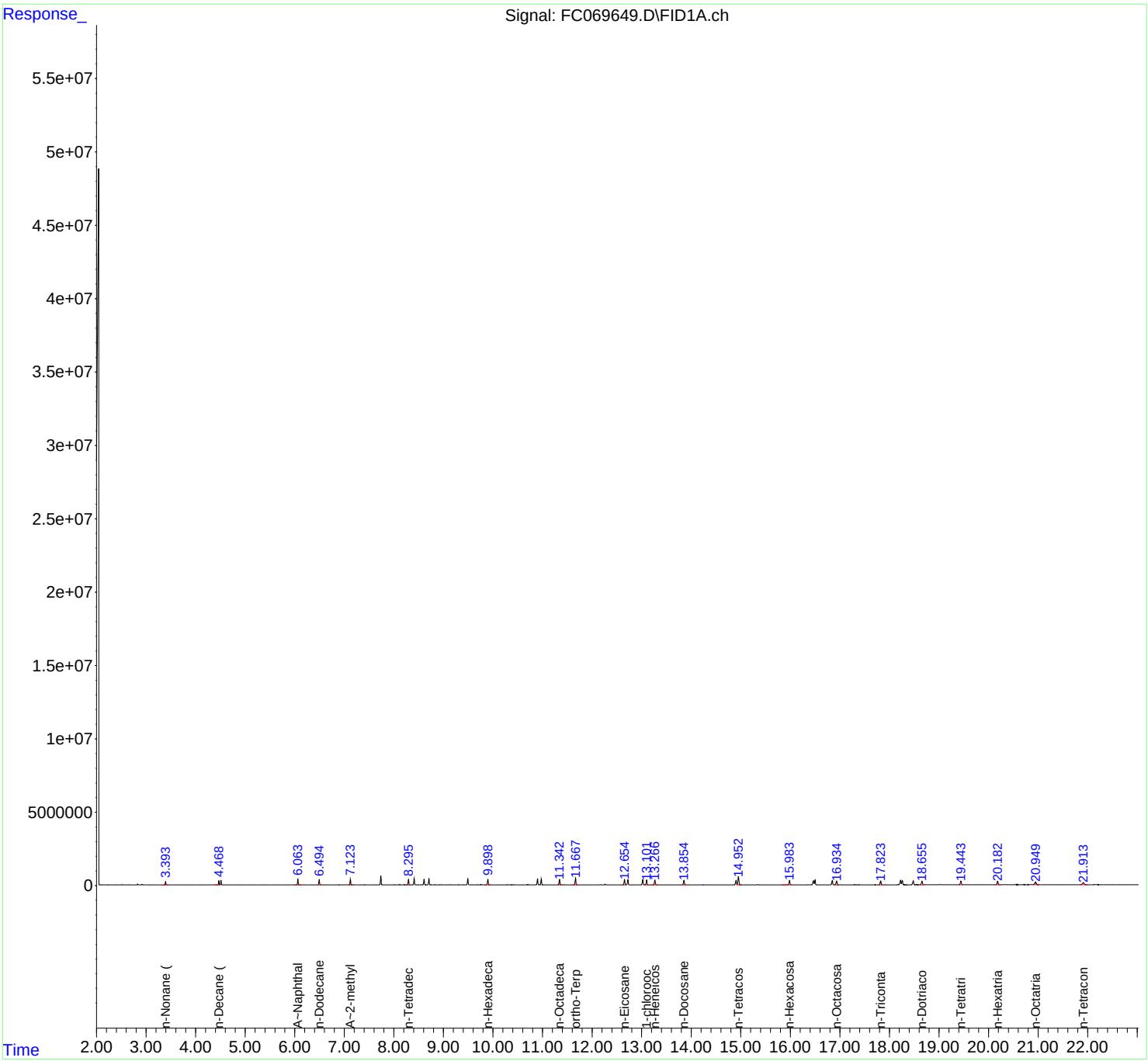
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069649.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 00:13
Operator : YP/AJ
Sample : Q2830-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTMS

Integration File: autoint1.e
Quant Time: Aug 13 01:40:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069649.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 00:13
Sample : Q2830-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.217	3.204	3.234	PH	198	1865	0.02%	0.001%
2	3.247	3.234	3.334	PV	374	10552	0.13%	0.006%
3	3.348	3.334	3.364	PV	76	648	0.01%	0.000%
4	3.394	3.364	3.479	VV	233543	1965334	24.76%	1.135%
5	3.497	3.479	3.507	VV	249	2554	0.03%	0.001%
6	3.522	3.507	3.534	VV	300	3510	0.04%	0.002%
7	3.546	3.534	3.560	VV	240	2812	0.04%	0.002%
8	3.595	3.560	3.616	VV	227	3879	0.05%	0.002%
9	3.689	3.616	3.730	PV	965	20436	0.26%	0.012%
10	3.748	3.730	3.757	VV	397	4436	0.06%	0.003%
11	3.781	3.757	3.828	VV	3508	35390	0.45%	0.020%
12	3.843	3.828	3.858	VV	326	2847	0.04%	0.002%
13	3.879	3.858	3.924	VV	2742	25871	0.33%	0.015%
14	3.941	3.924	3.966	VV	413	4815	0.06%	0.003%
15	3.982	3.966	4.034	VV	401	7639	0.10%	0.004%
16	4.095	4.034	4.116	VV	333	10603	0.13%	0.006%
17	4.164	4.116	4.188	VV	356	9776	0.12%	0.006%
18	4.199	4.188	4.217	VV	292	3654	0.05%	0.002%
19	4.233	4.217	4.259	VV	445	8459	0.11%	0.005%
20	4.274	4.259	4.295	VV	512	7555	0.10%	0.004%
21	4.311	4.295	4.352	VV	236	5489	0.07%	0.003%
22	4.385	4.352	4.402	PV	346	5194	0.07%	0.003%
23	4.425	4.402	4.439	VV	449	6419	0.08%	0.004%
24	4.468	4.439	4.490	VV	293059	2600517	32.77%	1.502%
25	4.512	4.490	4.557	VV	329706	2890293	36.42%	1.669%

rteres

26	4.574	4.557	4.599	VV	3273	34692	0.44%	0.020%
27	4.620	4.599	4.658	VV	5217	55171	0.70%	0.032%
28	4.670	4.658	4.684	VV	686	8148	0.10%	0.005%
29	4.694	4.684	4.709	VV	434	5200	0.07%	0.003%
30	4.723	4.709	4.737	VV	608	6636	0.08%	0.004%
31	4.754	4.737	4.791	VV	1072	15550	0.20%	0.009%
32	4.802	4.791	4.812	VV	675	6555	0.08%	0.004%
33	4.822	4.812	4.833	VV	698	6622	0.08%	0.004%
34	4.843	4.833	4.859	VV	643	6437	0.08%	0.004%
35	4.883	4.859	4.924	VV	1295	22252	0.28%	0.013%
36	4.946	4.924	4.971	VV	1287	16151	0.20%	0.009%
37	4.991	4.971	5.008	VV	415	5525	0.07%	0.003%
38	5.022	5.008	5.051	VV	393	7369	0.09%	0.004%
39	5.116	5.051	5.141	VV	586	14242	0.18%	0.008%
40	5.167	5.141	5.176	VV	1275	12450	0.16%	0.007%
41	5.190	5.176	5.231	VV	2412	33777	0.43%	0.020%
42	5.241	5.231	5.256	VV	574	5930	0.07%	0.003%
43	5.276	5.256	5.290	VV	337	5709	0.07%	0.003%
44	5.326	5.290	5.344	VV	1572	29075	0.37%	0.017%
45	5.372	5.344	5.387	VV	991	18835	0.24%	0.011%
46	5.401	5.387	5.415	VV	1049	12312	0.16%	0.007%
47	5.432	5.415	5.483	VV	842	22554	0.28%	0.013%
48	5.511	5.483	5.526	VV	2929	36126	0.46%	0.021%
49	5.537	5.526	5.563	VV	2081	25601	0.32%	0.015%
50	5.580	5.563	5.591	VV	929	11006	0.14%	0.006%
51	5.600	5.591	5.618	VV	707	8736	0.11%	0.005%
52	5.643	5.618	5.676	VV	666	18289	0.23%	0.011%
53	5.698	5.676	5.770	VV	3498	71085	0.90%	0.041%
54	5.799	5.770	5.831	VV	2974	64085	0.81%	0.037%
55	5.849	5.831	5.890	VV	2576	42220	0.53%	0.024%
56	5.921	5.890	5.944	VV	1466	30542	0.38%	0.018%
57	5.971	5.944	5.992	VV	1581	27157	0.34%	0.016%
58	6.023	5.992	6.038	VV	1745	34689	0.44%	0.020%
59	6.064	6.038	6.134	VV	399134	3754150	47.30%	2.168%
60	6.163	6.134	6.176	VV	1769	38483	0.48%	0.022%
61	6.195	6.176	6.222	VV	3833	67181	0.85%	0.039%
62	6.240	6.222	6.264	VV	2372	44394	0.56%	0.026%
63	6.280	6.264	6.294	VV	2883	37119	0.47%	0.021%
64	6.317	6.294	6.355	VV	2611	78746	0.99%	0.045%
65	6.374	6.355	6.398	VV	2523	47110	0.59%	0.027%
66	6.432	6.398	6.464	VV	4465	100145	1.26%	0.058%
67	6.494	6.464	6.542	VV	349438	3487535	43.94%	2.014%
68	6.583	6.542	6.598	VV	2095	57568	0.73%	0.033%
69	6.615	6.598	6.625	VV	2220	31466	0.40%	0.018%

rteres

70	6.642	6.625	6.662	VV	3187	52032	0.66%	0.030%
71	6.691	6.662	6.728	VV	3799	84253	1.06%	0.049%
72	6.776	6.728	6.795	VV	4179	91811	1.16%	0.053%
73	6.817	6.795	6.843	VV	3818	72082	0.91%	0.042%
74	6.898	6.843	6.921	VV	8220	149880	1.89%	0.087%
75	6.935	6.921	6.946	VV	2409	31656	0.40%	0.018%
76	6.967	6.946	6.986	VV	5368	79319	1.00%	0.046%
77	7.028	6.986	7.045	VV	10675	171372	2.16%	0.099%
78	7.058	7.045	7.086	VV	4918	84454	1.06%	0.049%
79	7.123	7.086	7.177	VV	381464	3838836	48.37%	2.217%
80	7.197	7.177	7.240	VV	10026	183857	2.32%	0.106%
81	7.260	7.240	7.283	VV	4436	85010	1.07%	0.049%
82	7.304	7.283	7.328	VV	4355	92039	1.16%	0.053%
83	7.340	7.328	7.365	VV	3072	60504	0.76%	0.035%
84	7.405	7.365	7.449	VV	7253	208339	2.63%	0.120%
85	7.466	7.449	7.502	VV	4284	112256	1.41%	0.065%
86	7.511	7.502	7.540	VV	3477	61991	0.78%	0.036%
87	7.558	7.540	7.570	VV	2415	41185	0.52%	0.024%
88	7.598	7.570	7.633	VV	6079	150376	1.89%	0.087%
89	7.649	7.633	7.668	VV	3600	60600	0.76%	0.035%
90	7.857	7.803	7.912	VV	4189	226199	2.85%	0.131%
91	7.937	7.912	7.958	VV	3642	84910	1.07%	0.049%
92	8.007	7.958	8.020	VV	6871	173529	2.19%	0.100%
93	8.030	8.020	8.079	VV	6683	180268	2.27%	0.104%
94	8.113	8.079	8.158	VV	17973	374063	4.71%	0.216%
95	8.173	8.158	8.187	VV	4010	68161	0.86%	0.039%
96	8.223	8.187	8.240	VV	15263	257229	3.24%	0.149%
97	8.251	8.240	8.265	VV	7583	92212	1.16%	0.053%
98	8.295	8.265	8.326	VV	371566	3925691	49.46%	2.267%
99	8.336	8.326	8.355	VV	4764	71666	0.90%	0.041%
100	8.410	8.355	8.443	VV	439422	4413945	55.62%	2.549%
101	8.461	8.443	8.476	VV	6712	103562	1.30%	0.060%
102	8.497	8.476	8.509	VV	6157	106984	1.35%	0.062%
103	8.520	8.509	8.557	VV	5920	132642	1.67%	0.077%
104	8.652	8.636	8.664	VV	6039	91201	1.15%	0.053%
105	8.707	8.664	8.741	VV	431579	4418031	55.67%	2.551%
106	8.758	8.741	8.784	VV	7401	134864	1.70%	0.078%
107	8.829	8.784	8.854	VV	14751	307491	3.87%	0.178%
108	8.866	8.854	8.881	VV	4319	62887	0.79%	0.036%
109	8.910	8.881	8.924	VV	7200	134649	1.70%	0.078%
110	8.942	8.924	8.962	VV	9669	151028	1.90%	0.087%
111	8.977	8.962	8.997	VV	7310	119645	1.51%	0.069%
112	9.015	8.997	9.037	VV	5385	112532	1.42%	0.065%

rteres

113	9.065	9.037	9.082	VV	6592	142600	1.80%	0.082%
114	9.113	9.082	9.131	VV	9119	169998	2.14%	0.098%
115	9.153	9.131	9.185	VV	9287	184102	2.32%	0.106%
116	9.203	9.185	9.230	VV	4238	102139	1.29%	0.059%
117	9.269	9.230	9.286	VV	7572	157529	1.98%	0.091%
118	9.301	9.286	9.334	VV	6741	130125	1.64%	0.075%
119	9.351	9.334	9.367	VV	4280	74162	0.93%	0.043%
120	9.407	9.367	9.431	VV	8345	201342	2.54%	0.116%
121	9.447	9.431	9.459	VV	4376	68022	0.86%	0.039%
122	9.493	9.459	9.541	VV	428872	4535021	57.14%	2.619%
123	9.570	9.541	9.598	VV	9452	194067	2.45%	0.112%
124	9.610	9.598	9.623	VV	4564	63052	0.79%	0.036%
125	9.669	9.623	9.683	VV	6537	191155	2.41%	0.110%
126	9.703	9.683	9.743	VV	10785	227916	2.87%	0.132%
127	9.766	9.743	9.794	VV	31515	397741	5.01%	0.230%
128	9.813	9.794	9.833	VV	5523	112712	1.42%	0.065%
129	9.898	9.833	9.951	VV	384327	4487109	56.54%	2.591%
130	9.978	9.951	9.991	VV	4102	95255	1.20%	0.055%
131	10.004	9.991	10.044	VV	4586	118580	1.49%	0.068%
132	10.074	10.044	10.158	VV	5145	241063	3.04%	0.139%
133	10.174	10.158	10.192	VV	4004	70647	0.89%	0.041%
134	10.236	10.192	10.259	VV	5547	150704	1.90%	0.087%
135	10.285	10.259	10.313	VV	12879	227673	2.87%	0.131%
136	10.343	10.313	10.354	VV	5256	107399	1.35%	0.062%
137	10.369	10.354	10.394	VV	6084	114049	1.44%	0.066%
138	10.413	10.394	10.461	VV	6584	172591	2.17%	0.100%
139	10.489	10.461	10.526	VV	4896	159660	2.01%	0.092%
140	10.554	10.526	10.602	VV	4938	192546	2.43%	0.111%
141	10.624	10.602	10.644	VV	4649	107240	1.35%	0.062%
142	10.659	10.644	10.675	VV	4472	75653	0.95%	0.044%
143	10.707	10.675	10.741	VV	20429	390885	4.93%	0.226%
144	10.755	10.741	10.793	VV	4292	116775	1.47%	0.067%
145	10.899	10.793	10.940	VV	408638	4604759	58.02%	2.659%
146	10.975	10.940	11.011	VV	406408	4398414	55.42%	2.540%
147	11.028	11.011	11.064	VV	4776	123778	1.56%	0.071%
148	11.074	11.064	11.091	VV	3219	49615	0.63%	0.029%
149	11.111	11.091	11.127	VV	3765	71715	0.90%	0.041%
150	11.143	11.127	11.168	VV	4183	87617	1.10%	0.051%
151	11.188	11.168	11.225	VV	4581	134190	1.69%	0.077%
152	11.251	11.225	11.273	VV	3907	101026	1.27%	0.058%
153	11.288	11.273	11.308	VV	3781	74574	0.94%	0.043%
154	11.342	11.308	11.400	VV	373439	4461753	56.22%	2.576%
155	11.431	11.400	11.471	VV	11729	252059	3.18%	0.146%

rteres

156	11.494	11.471	11.517	VV	3539	81677	1.03%	0.047%
157	11.541	11.517	11.568	VV	3509	93893	1.18%	0.054%
158	11.584	11.568	11.615	VV	3341	85669	1.08%	0.049%
159	11.666	11.615	11.716	VV	479879	5322579	67.06%	3.073%
160	11.732	11.716	11.771	VV	5169	124104	1.56%	0.072%
161	11.796	11.771	11.809	VV	3618	73340	0.92%	0.042%
162	11.815	11.809	11.831	VV	3248	40755	0.51%	0.024%
163	11.850	11.831	11.866	VV	4308	73028	0.92%	0.042%
164	11.882	11.866	11.928	VV	4013	111512	1.41%	0.064%
165	11.948	11.928	11.964	VV	2672	54949	0.69%	0.032%
166	11.991	11.964	12.019	VV	4631	113453	1.43%	0.066%
167	12.034	12.019	12.054	VV	2935	58040	0.73%	0.034%
168	12.068	12.054	12.088	VV	2753	52565	0.66%	0.030%
169	12.103	12.088	12.134	VV	3195	81115	1.02%	0.047%
170	12.137	12.134	12.145	VV	2941	19074	0.24%	0.011%
171	12.167	12.145	12.218	VV	7202	179802	2.27%	0.104%
172	12.259	12.218	12.334	VV	48402	758174	9.55%	0.438%
173	12.345	12.334	12.361	VV	2822	43518	0.55%	0.025%
174	12.375	12.361	12.410	VV	2801	73634	0.93%	0.043%
175	12.422	12.410	12.431	VV	2459	29880	0.38%	0.017%
176	12.444	12.431	12.458	VV	2774	41359	0.52%	0.024%
177	12.484	12.458	12.530	VV	3462	118014	1.49%	0.068%
178	12.597	12.530	12.619	VV	4423	150697	1.90%	0.087%
179	12.654	12.619	12.687	VV	376619	4417876	55.67%	2.551%
180	12.723	12.687	12.821	VV	369391	4355869	54.88%	2.515%
181	12.846	12.821	12.866	VV	1871	45453	0.57%	0.026%
182	12.905	12.866	12.955	VV	4810	114396	1.44%	0.066%
183	12.975	12.955	12.983	VV	1555	23973	0.30%	0.014%
184	13.022	12.983	13.063	VV	364105	4305806	54.25%	2.486%
185	13.101	13.063	13.134	VV	342312	4044868	50.97%	2.336%
186	13.152	13.134	13.179	VV	2219	48456	0.61%	0.028%
187	13.195	13.179	13.230	VV	1561	43089	0.54%	0.025%
188	13.267	13.230	13.324	VV	336010	4198868	52.91%	2.425%
189	13.351	13.324	13.404	VV	2126	79692	1.00%	0.046%
190	13.412	13.404	13.428	VV	1462	18628	0.23%	0.011%
191	13.453	13.428	13.470	VV	1508	35915	0.45%	0.021%
192	13.495	13.470	13.584	VV	4786	134972	1.70%	0.078%
193	13.606	13.584	13.627	VV	1555	32378	0.41%	0.019%
194	13.642	13.627	13.660	VV	1213	20787	0.26%	0.012%
195	13.719	13.660	13.741	VV	3506	80757	1.02%	0.047%
196	13.757	13.741	13.781	VV	1132	23915	0.30%	0.014%
197	13.801	13.781	13.821	VV	1742	30609	0.39%	0.018%
198	13.854	13.821	13.918	VV	312530	4079506	51.40%	2.356%
199	13.928	13.918	13.962	VV	795	17586	0.22%	0.010%

rteres

200	13.990	13.962	14.006	VV	608	14581	0.18%	0.008%
201	14.029	14.006	14.048	VV	1293	20751	0.26%	0.012%
202	14.069	14.048	14.077	VV	707	11760	0.15%	0.007%
203	14.103	14.077	14.131	VV	1302	26489	0.33%	0.015%
204	14.140	14.131	14.179	VV	550	11918	0.15%	0.007%
205	14.242	14.179	14.271	VV	5692	99659	1.26%	0.058%
206	14.289	14.271	14.334	VV	2228	48504	0.61%	0.028%
207	14.347	14.334	14.391	VV	749	20321	0.26%	0.012%
208	14.416	14.391	14.438	VV	1638	25292	0.32%	0.015%
209	14.450	14.438	14.462	VV	512	6529	0.08%	0.004%
210	14.484	14.462	14.503	VV	1077	15646	0.20%	0.009%
211	14.521	14.503	14.564	VV	627	14294	0.18%	0.008%
212	14.587	14.564	14.608	VV	459	7760	0.10%	0.004%
213	14.637	14.608	14.684	VV	518	11801	0.15%	0.007%
214	14.694	14.684	14.740	VV	185	4330	0.05%	0.003%
215	14.764	14.740	14.777	VV	245	4045	0.05%	0.002%
216	14.810	14.777	14.833	VV	590	13868	0.17%	0.008%
217	14.846	14.833	14.863	VV	378	5343	0.07%	0.003%
218	14.904	14.863	14.925	VV	302010	4027223	50.74%	2.325%
219	14.952	14.925	14.992	VV	545076	7936533	100.00%	4.583%
220	15.002	14.992	15.046	VV	1300	21440	0.27%	0.012%
221	15.059	15.046	15.094	VV	472	8031	0.10%	0.005%
222	15.148	15.094	15.180	VV	343	8633	0.11%	0.005%
223	15.207	15.180	15.275	PV	238	7844	0.10%	0.005%
224	15.337	15.275	15.417	VV	18932	348372	4.39%	0.201%
225	15.431	15.417	15.451	VV	663	10856	0.14%	0.006%
226	15.480	15.451	15.518	VV	3227	78119	0.98%	0.045%
227	15.555	15.518	15.591	VV	4373	72593	0.91%	0.042%
228	15.609	15.591	15.661	VV	426	7589	0.10%	0.004%
229	15.667	15.661	15.688	PV	44	441	0.01%	0.000%
230	15.753	15.688	15.771	VV	687	16266	0.20%	0.009%
231	15.786	15.771	15.830	VV	609	14777	0.19%	0.009%
232	15.860	15.830	15.917	VV	896	24002	0.30%	0.014%
233	15.984	15.917	16.022	VV	298126	3771162	47.52%	2.178%
234	16.045	16.022	16.096	VV	1373	23705	0.30%	0.014%
235	16.111	16.096	16.137	VV	229	3601	0.05%	0.002%
236	16.183	16.137	16.225	PV	882	14733	0.19%	0.009%
237	16.282	16.225	16.304	VV	327	9039	0.11%	0.005%
238	16.356	16.304	16.410	VV	5733	122885	1.55%	0.071%
239	16.465	16.410	16.482	VV	283465	4078817	51.39%	2.355%
240	16.500	16.482	16.526	VV	350636	3999160	50.39%	2.309%
241	16.544	16.526	16.578	VV	4600	69063	0.87%	0.040%
242	16.593	16.578	16.614	VV	634	8767	0.11%	0.005%

rteres

243	16.629	16.614	16.648	VV	213	3170	0.04%	0.002%
244	16.664	16.648	16.688	VV	361	4220	0.05%	0.002%
245	16.712	16.688	16.741	VV	1965	27056	0.34%	0.016%
246	16.781	16.741	16.804	VV	893	19758	0.25%	0.011%
247	16.848	16.804	16.880	VV	303720	3967629	49.99%	2.291%
248	16.934	16.880	16.968	VV	266046	3659580	46.11%	2.113%
249	17.009	16.968	17.109	VV	9342	149999	1.89%	0.087%
250	17.131	17.109	17.151	VV	522	2437	0.03%	0.001%
251	17.203	17.151	17.240	PV	362	10123	0.13%	0.006%
252	17.299	17.240	17.354	PV	12295	267340	3.37%	0.154%
253	17.382	17.354	17.425	VV	8733	135617	1.71%	0.078%
254	17.465	17.425	17.530	VV	2163	38859	0.49%	0.022%
255	17.555	17.530	17.578	VV	450	7569	0.10%	0.004%
256	17.606	17.578	17.634	PV	329	6002	0.08%	0.003%
257	17.662	17.634	17.681	PV	412	5772	0.07%	0.003%
258	17.712	17.681	17.735	VV	2758	38232	0.48%	0.022%
259	17.823	17.735	17.878	VV	270012	3645650	45.94%	2.105%
260	17.910	17.878	17.968	VV	6797	107617	1.36%	0.062%
261	18.006	17.968	18.021	VV	691	11415	0.14%	0.007%
262	18.058	18.021	18.113	VV	1262	31193	0.39%	0.018%
263	18.224	18.113	18.240	VV	306308	4612139	58.11%	2.663%
264	18.260	18.240	18.292	VV	305495	4061862	51.18%	2.345%
265	18.306	18.292	18.318	VV	1493	21159	0.27%	0.012%
266	18.338	18.318	18.368	VV	1980	42093	0.53%	0.024%
267	18.377	18.368	18.421	VV	850	18165	0.23%	0.010%
268	18.480	18.421	18.515	VV	275401	3817657	48.10%	2.204%
269	18.536	18.515	18.568	VV	1183	29631	0.37%	0.017%
270	18.606	18.568	18.614	VV	2302	39687	0.50%	0.023%
271	18.656	18.614	18.713	VV	258612	3649051	45.98%	2.107%
272	18.755	18.713	18.841	VV	8222	216910	2.73%	0.125%
273	18.862	18.841	18.885	VV	1123	26520	0.33%	0.015%
274	18.894	18.885	18.904	VV	944	9710	0.12%	0.006%
275	18.957	18.904	18.977	VV	3644	81850	1.03%	0.047%
276	19.015	18.977	19.038	VV	14354	304669	3.84%	0.176%
277	19.050	19.038	19.101	VV	9650	223388	2.81%	0.129%
278	19.152	19.101	19.173	VV	3330	122013	1.54%	0.070%
279	19.192	19.173	19.213	VV	2724	52669	0.66%	0.030%
280	19.252	19.213	19.284	VV	2459	88116	1.11%	0.051%
281	19.308	19.284	19.334	VV	2132	58088	0.73%	0.034%
282	19.352	19.334	19.383	VV	2152	53248	0.67%	0.031%
283	19.442	19.383	19.483	VV	255256	3746745	47.21%	2.163%
284	19.506	19.483	19.522	VV	4096	73682	0.93%	0.043%
285	19.547	19.522	19.581	VV	9509	183409	2.31%	0.106%

rteres

286	19.617	19.581	19.640	VV	2775	82641	1.04%	0.048%
287	19.662	19.640	19.688	VV	2331	64305	0.81%	0.037%
288	19.716	19.688	19.756	VV	2984	104773	1.32%	0.060%
289	19.799	19.756	19.829	VV	7006	218448	2.75%	0.126%
290	19.844	19.829	19.880	VV	5769	136691	1.72%	0.079%
291	19.918	19.880	19.958	VV	3418	148923	1.88%	0.086%
292	19.992	19.958	20.018	VV	4806	142220	1.79%	0.082%
293	20.065	20.018	20.099	VV	4514	197581	2.49%	0.114%
294	20.182	20.099	20.244	VV	242754	3755080	47.31%	2.168%
295	20.340	20.244	20.368	VV	8336	397714	5.01%	0.230%
296	20.405	20.368	20.444	VV	4771	210487	2.65%	0.122%
297	20.454	20.444	20.471	VV	4405	70357	0.89%	0.041%
298	20.498	20.471	20.506	VV	4348	89931	1.13%	0.052%
299	20.540	20.506	20.567	VV	5632	179915	2.27%	0.104%
300	20.586	20.567	20.634	VV	4933	180989	2.28%	0.105%
301	20.649	20.634	20.681	VV	4295	117959	1.49%	0.068%
302	20.718	20.681	20.761	VV	4611	201247	2.54%	0.116%
303	20.883	20.761	20.895	VV	5833	382601	4.82%	0.221%
304	20.949	20.895	21.081	VV	196622	3891584	49.03%	2.247%
305	21.097	21.081	21.121	VV	2919	67017	0.84%	0.039%
306	21.144	21.121	21.210	VV	2768	139502	1.76%	0.081%
307	21.265	21.210	21.308	VV	2728	148234	1.87%	0.086%
308	21.334	21.308	21.348	VV	2115	50056	0.63%	0.029%
309	21.401	21.348	21.423	VV	2554	103746	1.31%	0.060%
310	21.460	21.423	21.564	VV	2640	175001	2.21%	0.101%
311	21.574	21.564	21.614	VV	1400	39537	0.50%	0.023%
312	21.631	21.614	21.710	VV	1296	63449	0.80%	0.037%
313	21.767	21.710	21.823	VV	1218	61986	0.78%	0.036%
314	21.912	21.823	22.034	VV	137180	3407319	42.93%	1.967%

Sum of corrected areas: 173181186

Aliphatic EPH 080125.M Wed Aug 13 05:19:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069650.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 01:50
Operator : YP/AJ
Sample : Q2830-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTMSD

Integration File: autoint1.e
Quant Time: Aug 13 03:18:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.666	5388201	36.117 ug/ml
Spiked Amount	50.000	Recovery	=	72.23%
12)	S 1-chlorooctadecane (S...	13.101	4191300	38.444 ug/ml
Spiked Amount	50.000	Recovery	=	76.89%
	Target Compounds			
1)	T n-Nonane (C9)	3.389	2057297	14.440 ug/ml
2)	T n-Decane (C10)	4.465	2735805	18.818 ug/ml
3)	T A~Naphthalene (C11.7)	6.062	3875121	24.974 ug/ml
4)	T n-Dodecane (C12)	6.493	3590167	24.559 ug/ml
5)	T A~2-methylnaphthalene...	7.123	3888412	26.403 ug/ml
6)	T n-Tetradecane (C14)	8.294	3987267	27.939 ug/ml
7)	T n-Hexadecane (C16)	9.898	4398093	30.509 ug/ml
8)	T n-Octadecane (C18)	11.343	4509220	31.887 ug/ml
10)	T n-Eicosane (C20)	12.655	4571242	34.702 ug/ml
11)	T n-Heneicosane (C21)	13.268	4355480	34.149 ug/ml
13)	T n-Docosane (C22)	13.856	4258313	34.088 ug/ml
14)	T n-Tetracosane (C24)	14.953	8295221	68.742 ug/ml
15)	T n-Hexacosane (C26)	15.984	3942314	34.118 ug/ml
16)	T n-Octacosane (C28)	16.934	3798392	33.887 ug/ml
17)	T n-Tricontane (C30)	17.824	3739925	32.664 ug/ml
18)	T n-Dotriacontane (C32)	18.657	3748872	33.749 ug/ml
19)	T n-Tetratriacontane (C34)	19.443	3830871	37.623 ug/ml
20)	T n-Hexatriacontane (C36)	20.184	3611542	40.504 ug/ml
21)	T n-Octatriacontane (C38)	20.949	3607829	44.850 ug/ml
22)	T n-Tetracontane (C40)	21.911	3532076	47.169 ug/ml

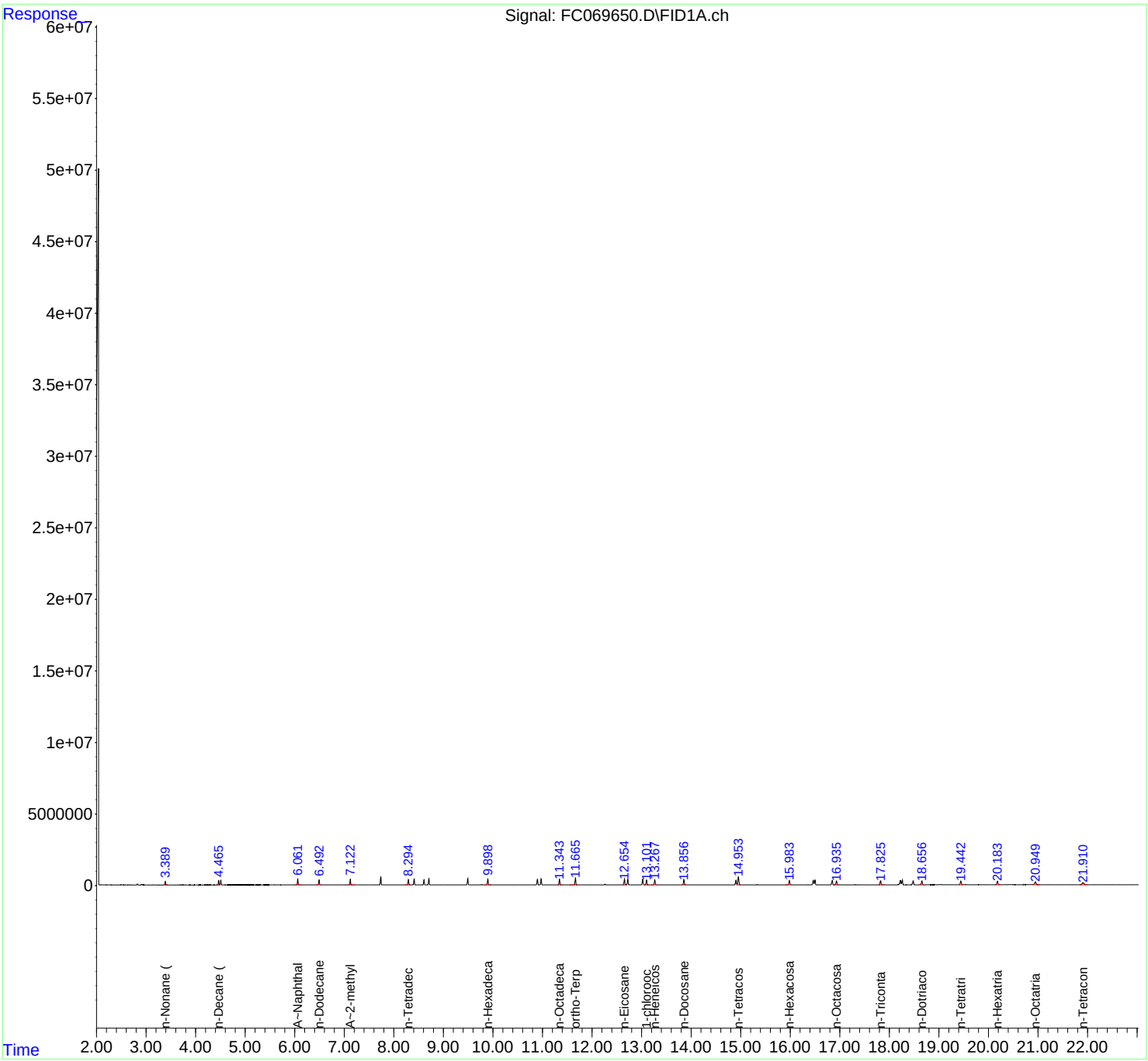
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069650.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 01:50
Operator : YP/AJ
Sample : Q2830-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTMSD

Integration File: autoint1.e
Quant Time: Aug 13 03:18:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069650.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 01:50
Sample : Q2830-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.242	3.204	3.261	BV	334	4230	0.05%	0.003%
2	3.271	3.261	3.309	VV	387	6190	0.07%	0.004%
3	3.323	3.309	3.335	PV	94	917	0.01%	0.001%
4	3.344	3.335	3.354	VV	78	627	0.01%	0.000%
5	3.389	3.354	3.481	PV	244008	2068740	24.84%	1.235%
6	3.515	3.481	3.528	VV	224	4346	0.05%	0.003%
7	3.539	3.528	3.575	VV	241	4364	0.05%	0.003%
8	3.592	3.575	3.621	VV	222	3690	0.04%	0.002%
9	3.635	3.621	3.644	VV	157	1520	0.02%	0.001%
10	3.684	3.644	3.728	VV	1039	18764	0.23%	0.011%
11	3.742	3.728	3.761	VV	479	5508	0.07%	0.003%
12	3.778	3.761	3.848	VV	3799	36425	0.44%	0.022%
13	3.875	3.848	3.919	VV	3089	30396	0.36%	0.018%
14	3.934	3.919	3.944	VV	197	2245	0.03%	0.001%
15	3.975	3.944	4.004	VV	293	7172	0.09%	0.004%
16	4.010	4.004	4.021	VV	118	1028	0.01%	0.001%
17	4.043	4.021	4.053	VV	265	3667	0.04%	0.002%
18	4.090	4.053	4.148	VV	451	15369	0.18%	0.009%
19	4.197	4.148	4.215	VV	404	9958	0.12%	0.006%
20	4.229	4.215	4.249	VV	379	5335	0.06%	0.003%
21	4.259	4.249	4.341	VV	256	11354	0.14%	0.007%
22	4.354	4.341	4.403	VV	225	6790	0.08%	0.004%
23	4.465	4.403	4.487	VV	307298	2745332	32.96%	1.639%
24	4.509	4.487	4.553	VV	349261	3041784	36.52%	1.816%
25	4.571	4.553	4.598	VV	3556	38975	0.47%	0.023%

Page 1

rteres

26	4.617	4.598	4.654	VV	5405	55309	0.66%	0.033%
27	4.672	4.654	4.704	VV	420	9247	0.11%	0.006%
28	4.720	4.704	4.737	VV	281	5143	0.06%	0.003%
29	4.749	4.737	4.779	VV	346	5805	0.07%	0.003%
30	4.798	4.779	4.832	VV	272	6763	0.08%	0.004%
31	4.846	4.832	4.892	VV	269	7546	0.09%	0.005%
32	4.915	4.892	4.941	VV	253	5739	0.07%	0.003%
33	4.948	4.941	4.991	VV	259	5647	0.07%	0.003%
34	5.008	4.991	5.028	VV	284	4305	0.05%	0.003%
35	5.042	5.028	5.064	VV	236	4560	0.05%	0.003%
36	5.068	5.064	5.084	VV	255	2366	0.03%	0.001%
37	5.106	5.084	5.133	VV	265	6073	0.07%	0.004%
38	5.158	5.133	5.174	VV	278	5486	0.07%	0.003%
39	5.188	5.174	5.197	VV	311	3753	0.05%	0.002%
40	5.206	5.197	5.258	VV	365	8376	0.10%	0.005%
41	5.288	5.258	5.301	VV	256	5681	0.07%	0.003%
42	5.322	5.301	5.375	VV	1268	20440	0.25%	0.012%
43	5.385	5.375	5.418	VV	222	4631	0.06%	0.003%
44	5.437	5.418	5.448	VV	184	2806	0.03%	0.002%
45	5.505	5.448	5.524	VV	1344	19902	0.24%	0.012%
46	5.556	5.524	5.595	VV	404	12682	0.15%	0.008%
47	5.678	5.595	5.688	VV	394	14578	0.18%	0.009%
48	5.698	5.688	5.721	VV	316	4902	0.06%	0.003%
49	5.741	5.721	5.773	VV	419	8377	0.10%	0.005%
50	5.799	5.773	5.826	VV	290	7999	0.10%	0.005%
51	5.847	5.826	5.883	VV	354	9208	0.11%	0.005%
52	5.975	5.883	5.991	VV	474	17639	0.21%	0.011%
53	6.014	5.991	6.025	VV	296	5081	0.06%	0.003%
54	6.062	6.025	6.188	VV	415961	3916648	47.02%	2.338%
55	6.207	6.188	6.234	VV	541	11341	0.14%	0.007%
56	6.241	6.234	6.252	VV	359	3561	0.04%	0.002%
57	6.269	6.252	6.287	VV	370	6589	0.08%	0.004%
58	6.301	6.287	6.314	VV	342	4988	0.06%	0.003%
59	6.336	6.314	6.368	VV	707	14498	0.17%	0.009%
60	6.382	6.368	6.408	VV	402	7758	0.09%	0.005%
61	6.428	6.408	6.457	VV	372	8854	0.11%	0.005%
62	6.493	6.457	6.543	VV	362735	3607864	43.31%	2.154%
63	6.561	6.543	6.600	VV	622	12036	0.14%	0.007%
64	6.612	6.600	6.624	VV	250	2718	0.03%	0.002%
65	6.639	6.624	6.724	VV	375	10294	0.12%	0.006%
66	6.738	6.724	6.747	VV	137	1795	0.02%	0.001%
67	6.766	6.747	6.803	VV	281	5847	0.07%	0.003%
68	6.822	6.803	6.841	VV	241	3882	0.05%	0.002%
69	6.879	6.841	6.896	VV	496	7569	0.09%	0.005%

rteres

70	6.966	6.896	7.004	VV	4125	56950	0.68%	0.034%
71	7.028	7.004	7.080	VV	8683	89160	1.07%	0.053%
72	7.123	7.080	7.233	VV	396406	3904487	46.87%	2.331%
73	7.258	7.233	7.293	VV	1537	25352	0.30%	0.015%
74	7.313	7.293	7.329	VV	1635	21604	0.26%	0.013%
75	7.338	7.329	7.365	VV	882	11177	0.13%	0.007%
76	7.389	7.365	7.401	VV	776	9686	0.12%	0.006%
77	7.417	7.401	7.441	VV	1332	15924	0.19%	0.010%
78	7.474	7.441	7.498	VV	379	9871	0.12%	0.006%
79	7.510	7.498	7.540	VV	338	6140	0.07%	0.004%
80	7.553	7.540	7.580	VV	191	4279	0.05%	0.003%
81	7.596	7.580	7.619	VV	551	7483	0.09%	0.004%
82	7.641	7.619	7.686	VV	335	9548	0.11%	0.006%
83	7.786	7.777	7.810	VV	1039	15700	0.19%	0.009%
84	7.837	7.810	7.858	VV	940	21830	0.26%	0.013%
85	7.873	7.858	7.951	VV	1043	35588	0.43%	0.021%
86	7.986	7.951	8.023	VV	1519	31811	0.38%	0.019%
87	8.042	8.023	8.089	VV	1027	24670	0.30%	0.015%
88	8.105	8.089	8.121	VV	643	10742	0.13%	0.006%
89	8.220	8.121	8.234	VV	851	50155	0.60%	0.030%
90	8.252	8.234	8.260	VV	836	11626	0.14%	0.007%
91	8.294	8.260	8.335	VV	376265	4009198	48.13%	2.394%
92	8.354	8.335	8.378	VV	602	13502	0.16%	0.008%
93	8.409	8.378	8.467	VV	431446	4402865	52.86%	2.629%
94	8.478	8.467	8.507	VV	569	10797	0.13%	0.006%
95	8.520	8.507	8.543	VV	528	7902	0.09%	0.005%
96	8.556	8.543	8.572	VV	275	4102	0.05%	0.002%
97	8.707	8.659	8.748	VV	447086	4475474	53.73%	2.672%
98	8.761	8.748	8.807	VV	997	21894	0.26%	0.013%
99	8.825	8.807	8.844	VV	392	6672	0.08%	0.004%
100	8.856	8.844	8.870	VV	371	5036	0.06%	0.003%
101	8.910	8.870	8.960	VV	3762	76919	0.92%	0.046%
102	8.977	8.960	8.996	VV	1206	20018	0.24%	0.012%
103	9.026	8.996	9.047	VV	1304	26645	0.32%	0.016%
104	9.061	9.047	9.085	VV	657	10066	0.12%	0.006%
105	9.114	9.085	9.171	VV	1103	19597	0.24%	0.012%
106	9.177	9.171	9.204	VV	202	2396	0.03%	0.001%
107	9.210	9.204	9.221	PV	79	784	0.01%	0.000%
108	9.252	9.221	9.261	VV	216	2939	0.04%	0.002%
109	9.279	9.261	9.344	VV	274	8147	0.10%	0.005%
110	9.370	9.344	9.408	VV	227	5418	0.07%	0.003%
111	9.418	9.408	9.427	VV	213	2253	0.03%	0.001%
112	9.493	9.427	9.597	VV	460025	4585657	55.05%	2.738%

rteres

113	9.615	9.597	9.654	VV	657	15538	0.19%	0.009%
114	9.673	9.654	9.685	VV	1433	16554	0.20%	0.010%
115	9.704	9.685	9.740	VV	6713	79338	0.95%	0.047%
116	9.766	9.740	9.848	VV	28961	338896	4.07%	0.202%
117	9.898	9.848	9.965	VV	405024	4415513	53.01%	2.636%
118	9.994	9.965	10.049	VV	369	9845	0.12%	0.006%
119	10.074	10.049	10.093	VV	480	6257	0.08%	0.004%
120	10.119	10.093	10.144	PV	384	5894	0.07%	0.004%
121	10.148	10.144	10.158	VV	96	611	0.01%	0.000%
122	10.176	10.158	10.198	VV	372	4363	0.05%	0.003%
123	10.240	10.198	10.271	VV	1412	18125	0.22%	0.011%
124	10.324	10.271	10.354	VV	507	16329	0.20%	0.010%
125	10.372	10.354	10.430	VV	394	10260	0.12%	0.006%
126	10.451	10.430	10.471	VV	330	5155	0.06%	0.003%
127	10.538	10.471	10.574	VV	572	21618	0.26%	0.013%
128	10.592	10.574	10.616	VV	603	10481	0.13%	0.006%
129	10.630	10.616	10.669	VV	516	8183	0.10%	0.005%
130	10.700	10.669	10.774	VV	4297	71431	0.86%	0.043%
131	10.781	10.774	10.794	VV	175	1908	0.02%	0.001%
132	10.814	10.794	10.835	VV	383	6785	0.08%	0.004%
133	10.898	10.835	10.939	VV	400167	4508008	54.12%	2.691%
134	10.974	10.939	11.034	VV	414537	4489581	53.90%	2.680%
135	11.050	11.034	11.114	VV	703	16626	0.20%	0.010%
136	11.143	11.114	11.165	VV	1399	19258	0.23%	0.011%
137	11.185	11.165	11.226	VV	1691	24329	0.29%	0.015%
138	11.267	11.226	11.289	VV	629	12074	0.14%	0.007%
139	11.343	11.289	11.398	VV	409388	4543157	54.54%	2.712%
140	11.419	11.398	11.481	VV	827	23160	0.28%	0.014%
141	11.500	11.481	11.520	VV	385	6956	0.08%	0.004%
142	11.532	11.520	11.564	VV	425	5570	0.07%	0.003%
143	11.585	11.564	11.608	VV	446	7257	0.09%	0.004%
144	11.666	11.608	11.719	VV	492728	5405840	64.90%	3.228%
145	11.759	11.719	11.781	VV	1357	26980	0.32%	0.016%
146	11.797	11.781	11.811	VV	1062	14634	0.18%	0.009%
147	11.822	11.811	11.841	VV	754	10065	0.12%	0.006%
148	11.853	11.841	11.867	VV	444	5887	0.07%	0.004%
149	11.877	11.867	11.915	VV	433	7185	0.09%	0.004%
150	11.945	11.915	11.978	PV	558	9148	0.11%	0.005%
151	12.006	11.978	12.033	VV	606	10986	0.13%	0.007%
152	12.066	12.033	12.086	VV	944	16463	0.20%	0.010%
153	12.104	12.086	12.116	VV	864	11597	0.14%	0.007%
154	12.122	12.116	12.141	VV	748	10112	0.12%	0.006%
155	12.166	12.141	12.224	VV	5654	103569	1.24%	0.062%

rteres

156	12.259	12.224	12.329	VV	50787	651312	7.82%	0.389%
157	12.344	12.329	12.361	VV	1177	19495	0.23%	0.012%
158	12.373	12.361	12.431	VV	852	29027	0.35%	0.017%
159	12.439	12.431	12.445	VV	628	4759	0.06%	0.003%
160	12.475	12.445	12.524	VV	1460	33452	0.40%	0.020%
161	12.591	12.524	12.618	VV	914	27835	0.33%	0.017%
162	12.655	12.618	12.686	VV	395923	4583254	55.02%	2.736%
163	12.722	12.686	12.810	VV	386251	4409551	52.94%	2.633%
164	12.822	12.810	12.828	VV	253	2386	0.03%	0.001%
165	12.848	12.828	12.870	VV	438	7883	0.09%	0.005%
166	12.904	12.870	12.951	VV	3714	51401	0.62%	0.031%
167	13.022	12.951	13.053	VV	384754	4390825	52.71%	2.622%
168	13.101	13.053	13.143	VV	351631	4206791	50.50%	2.512%
169	13.157	13.143	13.181	VV	452	8381	0.10%	0.005%
170	13.205	13.181	13.227	VV	638	11558	0.14%	0.007%
171	13.268	13.227	13.306	VV	360937	4373968	52.51%	2.611%
172	13.356	13.306	13.428	VV	913	47285	0.57%	0.028%
173	13.458	13.428	13.476	VV	728	15997	0.19%	0.010%
174	13.497	13.476	13.594	VV	3384	79698	0.96%	0.048%
175	13.609	13.594	13.626	VV	584	9372	0.11%	0.006%
176	13.642	13.626	13.661	VV	741	10901	0.13%	0.007%
177	13.695	13.661	13.736	VV	884	25631	0.31%	0.015%
178	13.758	13.736	13.773	VV	353	5943	0.07%	0.004%
179	13.799	13.773	13.818	VV	1337	21080	0.25%	0.013%
180	13.856	13.818	13.908	VV	345343	4271567	51.28%	2.550%
181	13.913	13.908	13.931	VV	288	3546	0.04%	0.002%
182	13.943	13.931	13.968	VV	381	5442	0.07%	0.003%
183	13.983	13.968	13.994	VV	291	3769	0.05%	0.002%
184	14.029	13.994	14.054	VV	1069	18297	0.22%	0.011%
185	14.062	14.054	14.081	VV	426	5690	0.07%	0.003%
186	14.105	14.081	14.134	VV	992	17709	0.21%	0.011%
187	14.142	14.134	14.165	VV	271	3922	0.05%	0.002%
188	14.243	14.165	14.272	VV	5715	97684	1.17%	0.058%
189	14.290	14.272	14.344	VV	2211	49256	0.59%	0.029%
190	14.361	14.344	14.391	VV	721	14760	0.18%	0.009%
191	14.415	14.391	14.437	VV	1719	24570	0.29%	0.015%
192	14.451	14.437	14.463	VV	558	7147	0.09%	0.004%
193	14.484	14.463	14.504	VV	1207	17379	0.21%	0.010%
194	14.521	14.504	14.556	VV	492	9911	0.12%	0.006%
195	14.585	14.556	14.608	VV	359	7185	0.09%	0.004%
196	14.637	14.608	14.674	VV	516	11023	0.13%	0.007%
197	14.702	14.674	14.731	PV	198	4535	0.05%	0.003%
198	14.761	14.731	14.777	VV	262	4830	0.06%	0.003%
199	14.809	14.777	14.834	VV	641	14699	0.18%	0.009%

rteres

200	14.848	14.834	14.863	VV	421	5268	0.06%	0.003%
201	14.906	14.863	14.926	VV	319829	4222418	50.69%	2.521%
202	14.953	14.926	14.993	VV	574861	8329806	100.00%	4.973%
203	15.003	14.993	15.038	VV	1460	21185	0.25%	0.013%
204	15.057	15.038	15.103	VV	473	10982	0.13%	0.007%
205	15.150	15.103	15.184	VV	460	11889	0.14%	0.007%
206	15.207	15.184	15.219	VV	211	3466	0.04%	0.002%
207	15.258	15.219	15.278	VV	240	6649	0.08%	0.004%
208	15.337	15.278	15.411	VV	20244	369773	4.44%	0.221%
209	15.432	15.411	15.452	VV	934	16221	0.19%	0.010%
210	15.477	15.452	15.512	VV	3175	50114	0.60%	0.030%
211	15.554	15.512	15.591	VV	5449	86357	1.04%	0.052%
212	15.606	15.591	15.691	VV	333	8719	0.10%	0.005%
213	15.754	15.691	15.769	VV	681	14586	0.18%	0.009%
214	15.794	15.769	15.832	VV	622	16626	0.20%	0.010%
215	15.864	15.832	15.914	VV	999	26106	0.31%	0.016%
216	15.984	15.914	16.024	VV	300034	3960940	47.55%	2.365%
217	16.046	16.024	16.135	VV	1479	31666	0.38%	0.019%
218	16.184	16.135	16.217	PV	768	13666	0.16%	0.008%
219	16.234	16.217	16.243	VV	140	1436	0.02%	0.001%
220	16.284	16.243	16.308	VV	410	9974	0.12%	0.006%
221	16.357	16.308	16.408	VV	6325	131154	1.57%	0.078%
222	16.466	16.408	16.482	VV	293270	4282181	51.41%	2.557%
223	16.501	16.482	16.528	VV	340957	4186351	50.26%	2.499%
224	16.545	16.528	16.575	VV	5428	78634	0.94%	0.047%
225	16.592	16.575	16.614	VV	622	9369	0.11%	0.006%
226	16.630	16.614	16.641	VV	204	3179	0.04%	0.002%
227	16.664	16.641	16.682	VV	407	5866	0.07%	0.004%
228	16.713	16.682	16.740	VV	2180	29197	0.35%	0.017%
229	16.781	16.740	16.800	VV	798	18978	0.23%	0.011%
230	16.850	16.800	16.881	VV	323516	4164407	49.99%	2.486%
231	16.934	16.881	16.968	VV	281880	3835739	46.05%	2.290%
232	17.009	16.968	17.112	VV	9939	161634	1.94%	0.097%
233	17.133	17.112	17.145	PV	210	1592	0.02%	0.001%
234	17.200	17.145	17.235	PV	373	11215	0.13%	0.007%
235	17.300	17.235	17.358	VV	13828	289176	3.47%	0.173%
236	17.383	17.358	17.419	VV	9559	144399	1.73%	0.086%
237	17.465	17.419	17.513	VV	2470	46882	0.56%	0.028%
238	17.523	17.513	17.531	VV	280	2529	0.03%	0.002%
239	17.555	17.531	17.581	VV	530	9218	0.11%	0.006%
240	17.607	17.581	17.633	VV	513	8483	0.10%	0.005%
241	17.669	17.633	17.683	PV	417	7812	0.09%	0.005%
242	17.713	17.683	17.735	VV	2854	44222	0.53%	0.026%

rteres

243	17.824	17.735	17.878	VV	282625	3838746	46.08%	2.292%
244	17.912	17.878	17.965	VV	7738	124527	1.49%	0.074%
245	18.007	17.965	18.022	VV	886	18443	0.22%	0.011%
246	18.060	18.022	18.112	VV	1437	43055	0.52%	0.026%
247	18.226	18.112	18.241	VV	318156	4898264	58.80%	2.924%
248	18.263	18.241	18.291	VV	328291	4260017	51.14%	2.543%
249	18.303	18.291	18.314	VV	1816	23244	0.28%	0.014%
250	18.338	18.314	18.414	VV	2254	73304	0.88%	0.044%
251	18.482	18.414	18.514	VV	280354	4022147	48.29%	2.401%
252	18.537	18.514	18.568	VV	1477	39713	0.48%	0.024%
253	18.657	18.568	18.706	VV	267136	3887740	46.67%	2.321%
254	18.756	18.706	18.838	VV	8651	245475	2.95%	0.147%
255	18.860	18.838	18.885	VV	1384	33841	0.41%	0.020%
256	18.895	18.885	18.905	VV	1225	13836	0.17%	0.008%
257	18.956	18.905	18.977	VV	3850	91800	1.10%	0.055%
258	19.014	18.977	19.038	VV	15233	329124	3.95%	0.197%
259	19.050	19.038	19.101	VV	10196	241903	2.90%	0.144%
260	19.152	19.101	19.176	VV	3784	141283	1.70%	0.084%
261	19.192	19.176	19.213	VV	2899	53760	0.65%	0.032%
262	19.260	19.213	19.286	VV	2689	101857	1.22%	0.061%
263	19.315	19.286	19.334	VV	2425	64838	0.78%	0.039%
264	19.352	19.334	19.385	VV	2575	62119	0.75%	0.037%
265	19.443	19.385	19.484	VV	274970	3941862	47.32%	2.353%
266	19.507	19.484	19.523	VV	4411	79283	0.95%	0.047%
267	19.549	19.523	19.583	VV	10291	198413	2.38%	0.118%
268	19.617	19.583	19.641	VV	2976	87871	1.05%	0.052%
269	19.661	19.641	19.684	VV	2633	62239	0.75%	0.037%
270	19.719	19.684	19.757	VV	3219	118435	1.42%	0.071%
271	19.804	19.757	19.830	VV	7324	232251	2.79%	0.139%
272	19.845	19.830	19.881	VV	6147	142662	1.71%	0.085%
273	19.923	19.881	19.946	VV	3650	131538	1.58%	0.079%
274	19.992	19.946	20.024	VV	5178	187074	2.25%	0.112%
275	20.064	20.024	20.098	VV	4866	191931	2.30%	0.115%
276	20.112	20.098	20.121	VV	3959	55550	0.67%	0.033%
277	20.184	20.121	20.245	VV	254544	3897940	46.80%	2.327%
278	20.342	20.245	20.368	VV	9234	426125	5.12%	0.254%
279	20.457	20.368	20.515	VV	7870	556409	6.68%	0.332%
280	20.541	20.515	20.571	VV	6047	181433	2.18%	0.108%
281	20.584	20.571	20.631	VV	5157	172929	2.08%	0.103%
282	20.650	20.631	20.661	VV	4679	83010	1.00%	0.050%
283	20.720	20.661	20.745	VV	5682	254355	3.05%	0.152%
284	20.791	20.745	20.805	VV	5713	199507	2.40%	0.119%
285	20.883	20.805	20.894	VV	7416	343411	4.12%	0.205%

rteres

286	20.949	20.894	21.084	VV	207095	4139185	49.69%	2.471%
287	21.097	21.084	21.126	VV	2945	73594	0.88%	0.044%
288	21.161	21.126	21.201	VV	2980	125306	1.50%	0.075%
289	21.267	21.201	21.348	VV	2966	223836	2.69%	0.134%
290	21.399	21.348	21.434	VV	2859	128859	1.55%	0.077%
291	21.471	21.434	21.614	VV	2768	213035	2.56%	0.127%
292	21.646	21.614	21.691	VV	1297	55208	0.66%	0.033%
293	21.700	21.691	21.711	VV	992	11198	0.13%	0.007%
294	21.767	21.711	21.812	VV	1230	60973	0.73%	0.036%
295	21.823	21.812	21.838	VV	650	9373	0.11%	0.006%
296	21.911	21.838	22.027	VV	140187	3570217	42.86%	2.132%
297	22.056	22.027	22.081	PV	166	2827	0.03%	0.002%

Sum of corrected areas: 167492253

Aliphatic EPH 080125.M Wed Aug 13 05:20:26 2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FC080125AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2740-01MS	FC069568.D	n-Dotriacontane (C32)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Hexatriacontane (C36)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Octatriacontane (C38)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Tetracontane (C40)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Dotriacontane (C32)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Hexatriacontane (C36)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Octatriacontane (C38)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FC081225AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FE080125AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2741-01	FE055114.D	ortho-Terphenyl (SURR)	yogesh	8/4/2025 7:39:52 AM	mohammad	8/5/2025 1:59:38	Peak Integrated by Software
Q2741-02	FE055115.D	ortho-Terphenyl (SURR)	yogesh	8/4/2025 7:39:54 AM	mohammad	8/5/2025 1:59:38	Peak Integrated by Software
Q2734-01	FE055116.D	ortho-Terphenyl (SURR)	yogesh	8/4/2025 7:39:55 AM	mohammad	8/5/2025 1:59:38	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE055118.D	n-Tetracontane (C40)	yogesh	8/4/2025 7:39:57 AM	mohammad	8/5/2025 1:59:38	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FE081225AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2809-02DL	FE055246.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:04 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MS	FE055257.D	n-Dotriacontane (C32)	yogesh	8/13/2025 7:38:06 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MS	FE055257.D	n-Octatriacontane (C38)	yogesh	8/13/2025 7:38:06 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MS	FE055257.D	n-Tetratriacontane (C34)	yogesh	8/13/2025 7:38:06 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MS	FE055257.D	n-Tricontane (C30)	yogesh	8/13/2025 7:38:06 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MSD	FE055258.D	n-Octatriacontane (C38)	yogesh	8/13/2025 7:38:08 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MSD	FE055258.D	n-Tetratriacontane (C34)	yogesh	8/13/2025 7:38:08 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MSD	FE055258.D	n-Tricontane (C30)	yogesh	8/13/2025 7:38:08 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2818-01	FE055259.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:10 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2818-02	FE055260.D	1-chlorooctadecane (SURR)	yogesh	8/13/2025 7:38:12 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2818-02	FE055260.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:12 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2823-01	FE055261.D	1-chlorooctadecane (SURR)	yogesh	8/13/2025 7:38:14 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2823-01	FE055261.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:14 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FE081225AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2823-02	FE055262.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:15 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2827-01	FE055264.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:17 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2827-02	FE055265.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:20 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2827-05	FE055266.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:21 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2827-06	FE055269.D	1-chlorooctadecane (SURR)	yogesh	8/13/2025 7:38:22 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2827-06	FE055269.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:22 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC080125AL

Review By	yogesh	Review On	8/1/2025 10:37:24 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:30 AM		
SubDirectory	FC080125AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069556.D	01 Aug 2025 09:39	YP/AJ	Ok
2	I.BLK	FC069557.D	01 Aug 2025 10:20	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069558.D	01 Aug 2025 11:01	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069559.D	01 Aug 2025 11:43	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069560.D	01 Aug 2025 12:24	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069561.D	01 Aug 2025 13:06	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC069562.D	01 Aug 2025 13:47	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069563.D	01 Aug 2025 14:28	YP/AJ	Ok
9	I.BLK	FC069564.D	01 Aug 2025 15:10	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069565.D	01 Aug 2025 15:52	YP/AJ	Ok
11	Q2740-01	FC069566.D	01 Aug 2025 16:37	YP/AJ	Dilution
12	Q2740-01D	FC069567.D	01 Aug 2025 17:19	YP/AJ	Ok
13	Q2740-01MS	FC069568.D	01 Aug 2025 18:02	YP/AJ	Ok,M
14	Q2740-01MSD	FC069569.D	01 Aug 2025 18:44	YP/AJ	Ok,M
15	I.BLK	FC069570.D	01 Aug 2025 19:26	YP/AJ	Ok
16	20 PPM ALIPHATIC HC STD	FC069571.D	01 Aug 2025 20:09	YP/AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069632.D	12 Aug 2025 09:33	YP/AJ	Ok
2	I.BLK	FC069633.D	12 Aug 2025 10:17	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069634.D	12 Aug 2025 11:03	YP/AJ	Ok
4	PB169209BL	FC069635.D	12 Aug 2025 11:48	YP/AJ	Ok
5	PB169209BS	FC069636.D	12 Aug 2025 12:34	YP/AJ	Ok
6	PB169209BSD	FC069637.D	12 Aug 2025 13:21	YP/AJ	Ok
7	Q2743-01	FC069638.D	12 Aug 2025 14:10	YP/AJ	Ok
8	Q2743-01D	FC069639.D	12 Aug 2025 15:01	YP/AJ	Ok
9	Q2743-01MS	FC069640.D	12 Aug 2025 15:46	YP/AJ	Ok
10	Q2743-01MSD	FC069641.D	12 Aug 2025 16:32	YP/AJ	Ok
11	I.BLK	FC069642.D	12 Aug 2025 18:04	YP/AJ	Ok
12	20 PPM ALIPHATIC HC STD	FC069643.D	12 Aug 2025 18:50	YP/AJ	Ok
13	PB169207BL	FC069644.D	12 Aug 2025 20:22	YP/AJ	Ok
14	PB169207BS	FC069645.D	12 Aug 2025 21:08	YP/AJ	Ok
15	PB169207BSD	FC069646.D	12 Aug 2025 21:53	YP/AJ	Ok
16	Q2830-03	FC069647.D	12 Aug 2025 22:41	YP/AJ	Ok
17	Q2830-03D	FC069648.D	12 Aug 2025 23:27	YP/AJ	Ok
18	Q2830-03MS	FC069649.D	13 Aug 2025 00:13	YP/AJ	Ok
19	Q2830-03MSD	FC069650.D	13 Aug 2025 01:50	YP/AJ	Ok
20	Q2830-04	FC069651.D	13 Aug 2025 02:34	YP/AJ	Ok
21	I.BLK	FC069652.D	13 Aug 2025 04:02	YP/AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	20 PPM ALIPHATIC HC STD	FC069653.D	13 Aug 2025 04:46	YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE080125AL

Review By	yogesh	Review On	8/1/2025 10:51:38 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:38 AM		
SubDirectory	FE080125AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055100.D	01 Aug 2025 10:24	YP\AJ	Ok
2	I.BLK	FE055101.D	01 Aug 2025 10:54	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE055102.D	01 Aug 2025 11:24	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE055103.D	01 Aug 2025 11:54	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE055104.D	01 Aug 2025 12:25	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE055105.D	01 Aug 2025 12:55	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE055106.D	01 Aug 2025 13:25	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE055107.D	01 Aug 2025 13:55	YP\AJ	Ok
9	I.BLK	FE055108.D	01 Aug 2025 14:25	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE055109.D	01 Aug 2025 14:55	YP\AJ	Ok
11	PB169089BL	FE055110.D	01 Aug 2025 16:36	YP\AJ	Ok
12	PB169089BS	FE055111.D	01 Aug 2025 17:07	YP\AJ	Ok
13	PB169089BSD	FE055112.D	01 Aug 2025 17:37	YP\AJ	Ok
14	Q2740-02	FE055113.D	01 Aug 2025 18:07	YP\AJ	Ok
15	Q2741-01	FE055114.D	01 Aug 2025 18:37	YP\AJ	Ok,M
16	Q2741-02	FE055115.D	01 Aug 2025 19:07	YP\AJ	Ok,M
17	Q2734-01	FE055116.D	01 Aug 2025 19:38	YP\AJ	Dilution
18	I.BLK	FE055117.D	01 Aug 2025 20:08	YP\AJ	Ok
19	20 PPM ALIPHATIC HC STD	FE055118.D	01 Aug 2025 20:38	YP\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081225AL

Review By	yogesh	Review On	8/12/2025 8:20:42 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:33 AM		
SubDirectory	FE081225AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055241.D	12 Aug 2025 06:29	YP\AJ	Ok
2	I.BLK	FE055242.D	12 Aug 2025 06:59	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE055243.D	12 Aug 2025 07:29	YP\AJ	Ok
4	Q2808-01DL	FE055244.D	12 Aug 2025 08:00	YP\AJ	Ok
5	Q2809-01DL	FE055245.D	12 Aug 2025 08:30	YP\AJ	Ok
6	Q2809-02DL	FE055246.D	12 Aug 2025 09:00	YP\AJ	Ok,M
7	PB169208BL	FE055247.D	12 Aug 2025 09:50	YP\AJ	Ok
8	PB169208BS	FE055248.D	12 Aug 2025 10:20	YP\AJ	Ok
9	PB169208BSD	FE055249.D	12 Aug 2025 10:51	YP\AJ	Ok
10	Q2757-03	FE055250.D	12 Aug 2025 11:21	YP\AJ	Ok
11	Q2757-04	FE055251.D	12 Aug 2025 11:52	YP\AJ	Ok
12	Q2757-05	FE055252.D	12 Aug 2025 12:22	YP\AJ	Dilution
13	I.BLK	FE055253.D	12 Aug 2025 13:23	YP\AJ	Ok
14	20 PPM ALIPHATIC HC STD	FE055254.D	12 Aug 2025 13:54	YP\AJ	Ok
15	Q2757-06	FE055255.D	12 Aug 2025 14:25	YP\AJ	Ok
16	Q2757-07	FE055256.D	12 Aug 2025 14:55	YP\AJ	Ok
17	Q2757-07MS	FE055257.D	12 Aug 2025 15:26	YP\AJ	Ok,M
18	Q2757-07MSD	FE055258.D	12 Aug 2025 15:56	YP\AJ	Ok,M
19	Q2818-01	FE055259.D	12 Aug 2025 16:27	YP\AJ	Dilution
20	Q2818-02	FE055260.D	12 Aug 2025 16:57	YP\AJ	Dilution
21	Q2823-01	FE055261.D	12 Aug 2025 17:28	YP\AJ	Dilution

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081225AL

Review By	yogesh	Review On	8/12/2025 8:20:42 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:33 AM		
SubDirectory	FE081225AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2823-02	FE055262.D	12 Aug 2025 17:58	YP\AJ	Dilution
23	Q2826-01	FE055263.D	12 Aug 2025 18:29	YP\AJ	Ok
24	Q2827-01	FE055264.D	12 Aug 2025 18:59	YP\AJ	Dilution
25	Q2827-02	FE055265.D	12 Aug 2025 19:30	YP\AJ	Ok,M
26	Q2827-05	FE055266.D	12 Aug 2025 20:00	YP\AJ	Dilution
27	I.BLK	FE055267.D	12 Aug 2025 21:01	YP\AJ	Ok
28	20 PPM ALIPHATIC HC STD	FE055268.D	12 Aug 2025 21:32	YP\AJ	Ok
29	Q2827-06	FE055269.D	12 Aug 2025 22:33	YP\AJ	Dilution
30	Q2830-01	FE055270.D	12 Aug 2025 23:04	YP\AJ	Ok
31	Q2830-02	FE055271.D	12 Aug 2025 23:34	YP\AJ	Ok
32	Q2830-05	FE055272.D	13 Aug 2025 00:05	YP\AJ	Ok
33	Q2830-06	FE055273.D	13 Aug 2025 00:35	YP\AJ	Ok
34	Q2830-07	FE055274.D	13 Aug 2025 01:05	YP\AJ	Ok
35	Q2830-08	FE055275.D	13 Aug 2025 01:36	YP\AJ	Ok
36	Q2831-01	FE055276.D	13 Aug 2025 02:06	YP\AJ	Ok
37	I.BLK	FE055277.D	13 Aug 2025 03:07	YP\AJ	Ok
38	20 PPM ALIPHATIC HC STD	FE055278.D	13 Aug 2025 04:08	YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC080125AL

Review By	yogesh	Review On	8/1/2025 10:37:24 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:30 AM		
SubDirectory	FC080125AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069556.D	01 Aug 2025 09:39		YP/AJ	Ok
2	I.BLK	I.BLK	FC069557.D	01 Aug 2025 10:20		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC069558.D	01 Aug 2025 11:01		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069559.D	01 Aug 2025 11:43		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069560.D	01 Aug 2025 12:24		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069561.D	01 Aug 2025 13:06		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069562.D	01 Aug 2025 13:47		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069563.D	01 Aug 2025 14:28		YP/AJ	Ok
9	I.BLK	I.BLK	FC069564.D	01 Aug 2025 15:10		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069565.D	01 Aug 2025 15:52		YP/AJ	Ok
11	Q2740-01	OR-02-07312025	FC069566.D	01 Aug 2025 16:37	Need 2X	YP/AJ	Dilution
12	Q2740-01D	Q2740-01D	FC069567.D	01 Aug 2025 17:19		YP/AJ	Ok
13	Q2740-01MS	OR-02-07312025MS	FC069568.D	01 Aug 2025 18:02	FC069566.D	YP/AJ	Ok,M
14	Q2740-01MSD	OR-02-07312025MSD	FC069569.D	01 Aug 2025 18:44	FC069566.D!FC069568.D	YP/AJ	Ok,M
15	I.BLK	I.BLK	FC069570.D	01 Aug 2025 19:26		YP/AJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069571.D	01 Aug 2025 20:09		YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069632.D	12 Aug 2025 09:33		YP/AJ	Ok
2	I.BLK	I.BLK	FC069633.D	12 Aug 2025 10:17		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069634.D	12 Aug 2025 11:03		YP/AJ	Ok
4	PB169209BL	PB169209BL	FC069635.D	12 Aug 2025 11:48		YP/AJ	Ok
5	PB169209BS	PB169209BS	FC069636.D	12 Aug 2025 12:34	naphthalene break down - 0.356, 2-methylnephthalene break down - 0.156	YP/AJ	Ok
6	PB169209BSD	PB169209BSD	FC069637.D	12 Aug 2025 13:21	naphthalene break down - 0.399, 2-methylnephthalene break down - 0.209	YP/AJ	Ok
7	Q2743-01	WC1	FC069638.D	12 Aug 2025 14:10		YP/AJ	Ok
8	Q2743-01D	Q2743-01D	FC069639.D	12 Aug 2025 15:01		YP/AJ	Ok
9	Q2743-01MS	WC1MS	FC069640.D	12 Aug 2025 15:46	FC069638.D	YP/AJ	Ok
10	Q2743-01MSD	WC1MSD	FC069641.D	12 Aug 2025 16:32	FC069638.D!FC069640.D	YP/AJ	Ok
11	I.BLK	I.BLK	FC069642.D	12 Aug 2025 18:04		YP/AJ	Ok
12	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069643.D	12 Aug 2025 18:50		YP/AJ	Ok
13	PB169207BL	PB169207BL	FC069644.D	12 Aug 2025 20:22		YP/AJ	Ok
14	PB169207BS	PB169207BS	FC069645.D	12 Aug 2025 21:08		YP/AJ	Ok
15	PB169207BSD	PB169207BSD	FC069646.D	12 Aug 2025 21:53		YP/AJ	Ok
16	Q2830-03	BIN0009-DRIVEWAY-T	FC069647.D	12 Aug 2025 22:41		YP/AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	Q2830-03D	Q2830-03D	FC069648.D	12 Aug 2025 23:27		YP/AJ	Ok
18	Q2830-03MS	BIN0009-DRIVEWAY-T	FC069649.D	13 Aug 2025 00:13	FC069647.D	YP/AJ	Ok
19	Q2830-03MSD	BIN0009-DRIVEWAY-T	FC069650.D	13 Aug 2025 01:50	FC069647.D!FC069649.D	YP/AJ	Ok
20	Q2830-04	BIN0009-DRIVEWAY-T	FC069651.D	13 Aug 2025 02:34		YP/AJ	Ok
21	I.BLK	I.BLK	FC069652.D	13 Aug 2025 04:02		YP/AJ	Ok
22	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069653.D	13 Aug 2025 04:46		YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE080125AL

Review By	yogesh	Review On	8/1/2025 10:51:38 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:38 AM		
SubDirectory	FE080125AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE055100.D	01 Aug 2025 10:24		YP\AJ	Ok
2	I.BLK	I.BLK	FE055101.D	01 Aug 2025 10:54		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE055102.D	01 Aug 2025 11:24		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE055103.D	01 Aug 2025 11:54		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055104.D	01 Aug 2025 12:25		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE055105.D	01 Aug 2025 12:55		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE055106.D	01 Aug 2025 13:25		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055107.D	01 Aug 2025 13:55		YP\AJ	Ok
9	I.BLK	I.BLK	FE055108.D	01 Aug 2025 14:25		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055109.D	01 Aug 2025 14:55		YP\AJ	Ok
11	PB169089BL	PB169089BL	FE055110.D	01 Aug 2025 16:36		YP\AJ	Ok
12	PB169089BS	PB169089BS	FE055111.D	01 Aug 2025 17:07		YP\AJ	Ok
13	PB169089BSD	PB169089BSD	FE055112.D	01 Aug 2025 17:37		YP\AJ	Ok
14	Q2740-02	OR-02-07312025-E2	FE055113.D	01 Aug 2025 18:07		YP\AJ	Ok
15	Q2741-01	TR-05-07312025	FE055114.D	01 Aug 2025 18:37		YP\AJ	Ok,M
16	Q2741-02	TR-05-07312025-E2	FE055115.D	01 Aug 2025 19:07		YP\AJ	Ok,M
17	Q2734-01	VNJ-253	FE055116.D	01 Aug 2025 19:38	Need 2X	YP\AJ	Dilution
18	I.BLK	I.BLK	FE055117.D	01 Aug 2025 20:08		YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE080125AL

Review By	yogesh	Review On	8/1/2025 10:51:38 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:38 AM		
SubDirectory	FE080125AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055118.D	01 Aug 2025 20:38		YP\AJ	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081225AL

Review By	yogesh	Review On	8/12/2025 8:20:42 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:33 AM		
SubDirectory	FE081225AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE055241.D	12 Aug 2025 06:29		YP\AJ	Ok
2	I.BLK	I.BLK	FE055242.D	12 Aug 2025 06:59		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055243.D	12 Aug 2025 07:29		YP\AJ	Ok
4	Q2808-01DL	TP-7DL	FE055244.D	12 Aug 2025 08:00		YP\AJ	Ok
5	Q2809-01DL	OR-03-08082025DL	FE055245.D	12 Aug 2025 08:30		YP\AJ	Ok
6	Q2809-02DL	OR-03-08082025-E2DL	FE055246.D	12 Aug 2025 09:00		YP\AJ	Ok,M
7	PB169208BL	PB169208BL	FE055247.D	12 Aug 2025 09:50		YP\AJ	Ok
8	PB169208BS	PB169208BS	FE055248.D	12 Aug 2025 10:20		YP\AJ	Ok
9	PB169208BSD	PB169208BSD	FE055249.D	12 Aug 2025 10:51		YP\AJ	Ok
10	Q2757-03	1	FE055250.D	12 Aug 2025 11:21		YP\AJ	Ok
11	Q2757-04	2	FE055251.D	12 Aug 2025 11:52		YP\AJ	Ok
12	Q2757-05	3	FE055252.D	12 Aug 2025 12:22	Need 2X	YP\AJ	Dilution
13	I.BLK	I.BLK	FE055253.D	12 Aug 2025 13:23		YP\AJ	Ok
14	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055254.D	12 Aug 2025 13:54		YP\AJ	Ok
15	Q2757-06	4	FE055255.D	12 Aug 2025 14:25		YP\AJ	Ok
16	Q2757-07	5	FE055256.D	12 Aug 2025 14:55		YP\AJ	Ok
17	Q2757-07MS	5MS	FE055257.D	12 Aug 2025 15:26	FE055256.D	YP\AJ	Ok,M
18	Q2757-07MSD	5MSD	FE055258.D	12 Aug 2025 15:56	FE055256.D!FE055257.D	YP\AJ	Ok,M

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081225AL

Review By	yogesh	Review On	8/12/2025 8:20:42 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:33 AM		
SubDirectory	FE081225AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2818-01	B-2-5-1	FE055259.D	12 Aug 2025 16:27	Need 10X	YP\AJ	Dilution
20	Q2818-02	B-3-5-2	FE055260.D	12 Aug 2025 16:57	Need 5X	YP\AJ	Dilution
21	Q2823-01	SU-04-081125	FE055261.D	12 Aug 2025 17:28	Need 5X	YP\AJ	Dilution
22	Q2823-02	SU-04-081125-E2	FE055262.D	12 Aug 2025 17:58	Need 2X	YP\AJ	Dilution
23	Q2826-01	WC1	FE055263.D	12 Aug 2025 18:29		YP\AJ	Ok
24	Q2827-01	TP-8	FE055264.D	12 Aug 2025 18:59	Need 2X	YP\AJ	Dilution
25	Q2827-02	TP-8-EPH	FE055265.D	12 Aug 2025 19:30		YP\AJ	Ok,M
26	Q2827-05	TP-9	FE055266.D	12 Aug 2025 20:00	Need 20X	YP\AJ	Dilution
27	I.BLK	I.BLK	FE055267.D	12 Aug 2025 21:01		YP\AJ	Ok
28	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055268.D	12 Aug 2025 21:32		YP\AJ	Ok
29	Q2827-06	TP-9-EPH	FE055269.D	12 Aug 2025 22:33	Need 5X,100X	YP\AJ	Dilution
30	Q2830-01	BIN0009-DRIVEWAY-T	FE055270.D	12 Aug 2025 23:04		YP\AJ	Ok
31	Q2830-02	BIN0009-DRIVEWAY-T	FE055271.D	12 Aug 2025 23:34		YP\AJ	Ok
32	Q2830-05	BIN0009-DRIVEWAY-T	FE055272.D	13 Aug 2025 00:05		YP\AJ	Ok
33	Q2830-06	BIN0009-DRIVEWAY-T	FE055273.D	13 Aug 2025 00:35		YP\AJ	Ok
34	Q2830-07	BIN0009-DRIVEWAY-T	FE055274.D	13 Aug 2025 01:05		YP\AJ	Ok
35	Q2830-08	BIN0009-DRIVEWAY-T	FE055275.D	13 Aug 2025 01:36		YP\AJ	Ok
36	Q2831-01	VNJ-238	FE055276.D	13 Aug 2025 02:06		YP\AJ	Ok
37	I.BLK	I.BLK	FE055277.D	13 Aug 2025 03:07		YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081225AL

Review By	yogesh	Review On	8/12/2025 8:20:42 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:33 AM		
SubDirectory	FE081225AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055278.D	13 Aug 2025 04:08		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169207

SOP ID:	MNJDEP-EPH-8				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/12/2025
Matrix :	Solid			**Extraction Start Time :**	08:45
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	08/12/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	13:00
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24767
Surrogate	1.0ML	100 PPM	PP24652
Fractionation Surrogate	1.0ML	100 PPM	PP24765
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2632
Sand	N/A	E3951
Hexane	N/A	E3962
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

KD Bath ID:	N/A	**Envap ID:**	NEVIDAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/12/25	RS (Ex-Lab)	Y.P.Pay HPOB
13:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169207

Analytical Method: MNJDEP-EPH-8

Concentration Date: 08/12/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169207BL	PB169207BL	EPH_NF	30.02	N/A	ritesh	RUPESH	2			U1-1
PB169207BS	PB169207BS	EPH_NF	30.01	N/A	ritesh	RUPESH	2			2
PB169207BSD	PB169207BSD	EPH_NF	30.02	N/A	ritesh	RUPESH	2			3
Q2818-01	B-2-5-1	EPH_NF	30.06	N/A	ritesh	RUPESH	2	B		4
Q2818-02	B-3-5-2	EPH_NF	30.04	N/A	ritesh	RUPESH	2	B		5
Q2823-01	SU-04-081125	EPH_NF	30.10	N/A	ritesh	RUPESH	2	E		6
Q2823-02	SU-04-081125-E2	EPH_NF	30.08	N/A	ritesh	RUPESH	2			U2-1
Q2826-01	WC1	EPH_NF	30.06	N/A	ritesh	RUPESH	2			2
Q2827-01	TP-8	EPH_NF	30.09	N/A	ritesh	RUPESH	2	E		3
Q2827-02	TP-8-EPH	EPH_NF	30.07	N/A	ritesh	RUPESH	2			4
Q2827-05	TP-9	EPH_NF	30.03	N/A	ritesh	RUPESH	2	E	Gasoline Smell	5
Q2827-06	TP-9-EPH	EPH_NF	30.06	N/A	ritesh	RUPESH	2		Gasoline Smell	6
Q2830-01	BIN0009-DRIVEWAY-TP-SOUTH-EAST	EPH_NF	30.09	N/A	ritesh	RUPESH	2	E		U3-1
Q2830-02	BIN0009-DRIVEWAY-TP-SOUTH-EAST	EPH_NF	30.05	N/A	ritesh	RUPESH	2			2
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	EPH_NF	30.02	N/A	ritesh	RUPESH	2	E		3
Q2830-03DUP	BIN0009-DRIVEWAY-TP-WESTDUP	EPH_NF	30.01	N/A	ritesh	RUPESH	2	E		4
Q2830-03MS	BIN0009-DRIVEWAY-TP-WESTMS	EPH_NF	30.06	N/A	ritesh	RUPESH	2	E		5
Q2830-03MSD	BIN0009-DRIVEWAY-TP-WESTMSD	EPH_NF	30.08	N/A	ritesh	RUPESH	2	E		6
Q2830-04	BIN0009-DRIVEWAY-TP-WEST	EPH_NF	30.07	N/A	ritesh	RUPESH	2			U6-1
Q2830-05	BIN0009-DRIVEWAY-TP-WESTSIDE	EPH_NF	30.04	N/A	ritesh	RUPESH	2	E		2
Q2830-06	BIN0009-DRIVEWAY-TP-WESTSIDE	EPH_NF	30.09	N/A	ritesh	RUPESH	2			3
Q2830-07	BIN0009-DRIVEWAY-TP-EASTSIDE	EPH_NF	30.06	N/A	ritesh	RUPESH	2	E		4
Q2830-08	BIN0009-DRIVEWAY-TP-EASTSIDE	EPH_NF	30.02	N/A	ritesh	RUPESH	2			5
Q2831-01	VNJ-238	EPH_NF	30.07	N/A	ritesh	RUPESH	2	B		6

RS 8/12

* **Extracts relinquished on the same date as received.**

Q2823 8:45 Q2826

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2823 **WorkList ID :** 191215 **Department :** Extraction **Date :** 08-12-2025 08:30:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2818-01	B-2-5-1	Solid	EPH_NF	Cool 4 deg C	EARTH03	J21	08/11/2025	NJEPH
Q2818-02	B-3-5-2	Solid	EPH_NF	Cool 4 deg C	EARTH03	J21	08/11/2025	NJEPH
Q2823-01	SU-04-081125	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	08/11/2025	NJEPH
Q2823-02	SU-04-081125-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	08/11/2025	NJEPH
Q2826-01	WC1	Solid	EPH_NF	Cool 4 deg C	GENV01	D31	08/11/2025	NJEPH
Q2827-01	TP-8	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2827-02	TP-8-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2827-05	TP-9	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2827-06	TP-9-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-01	BIN0009-DRIVEWAY-TP-SOUT	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-02	BIN0009-DRIVEWAY-TP-SOUT	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-04	BIN0009-DRIVEWAY-TP-WEST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-05	BIN0009-DRIVEWAY-TP-WEST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-06	BIN0009-DRIVEWAY-TP-WEST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-07	BIN0009-DRIVEWAY-TP-EAST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-08	BIN0009-DRIVEWAY-TP-EAST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2831-01	VNJ-238	Solid	EPH_NF	Cool 4 deg C	PSEG03	D21	08/11/2025	NJEPH

472 of 621

Date/Time 08/12/25 8:40
Raw Sample Received by: RJ LEAL-(ACB)
Raw Sample Relinquished by:

Date/Time 08/12/25 9:10
Raw Sample Received by:
Raw Sample Relinquished by: RJ LEAL-(ACB)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2826	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	--Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2826-01	**WC1**	**Solid**			**08/11/25**			**08/11/25**
			EPH_NF	NJEPH		08/12/25	08/12/25	

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2826 **Order ID:** Q2826

Client: G Environmental **Project ID:** Ave B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q2826-01	WC1	SOIL	Aluminum	6680		0.87	5.18	mg/Kg
Q2826-01	WC1	SOIL	Antimony	0.34	J	0.23	2.59	mg/Kg
Q2826-01	WC1	SOIL	Arsenic	7.23		0.20	1.04	mg/Kg
Q2826-01	WC1	SOIL	Barium	81.2		0.76	5.18	mg/Kg
Q2826-01	WC1	SOIL	Beryllium	0.48		0.026	0.31	mg/Kg
Q2826-01	WC1	SOIL	Cadmium	2.09		0.025	0.31	mg/Kg
Q2826-01	WC1	SOIL	Calcium	19100		11.5	104	mg/Kg
Q2826-01	WC1	SOIL	Chromium	131		0.049	0.52	mg/Kg
Q2826-01	WC1	SOIL	Cobalt	6.34		0.10	1.55	mg/Kg
Q2826-01	WC1	SOIL	Copper	178		0.23	1.04	mg/Kg
Q2826-01	WC1	SOIL	Iron	14600		4.14	5.18	mg/Kg
Q2826-01	WC1	SOIL	Lead	124		0.14	0.62	mg/Kg
Q2826-01	WC1	SOIL	Magnesium	5020		12.4	104	mg/Kg
Q2826-01	WC1	SOIL	Manganese	365		0.14	1.04	mg/Kg
Q2826-01	WC1	SOIL	Mercury	0.14		0.0090	0.016	mg/Kg
Q2826-01	WC1	SOIL	Nickel	350		0.14	2.07	mg/Kg
Q2826-01	WC1	SOIL	Potassium	1150		28.7	104	mg/Kg
Q2826-01	WC1	SOIL	Selenium	0.65	J	0.27	1.04	mg/Kg
Q2826-01	WC1	SOIL	Silver	0.65		0.12	0.52	mg/Kg
Q2826-01	WC1	SOIL	Sodium	341		18.5	104	mg/Kg
Q2826-01	WC1	SOIL	Vanadium	17.5		0.26	2.07	mg/Kg
Q2826-01	WC1	SOIL	Zinc	169		0.24	2.07	mg/Kg

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6680		1	0.87	5.18	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-36-0	Antimony	0.34	JN	1	0.23	2.59	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-38-2	Arsenic	7.23	N	1	0.20	1.04	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-39-3	Barium	81.2		1	0.76	5.18	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-41-7	Beryllium	0.48	N	1	0.026	0.31	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-43-9	Cadmium	2.09		1	0.025	0.31	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-70-2	Calcium	19100		1	11.5	104	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-47-3	Chromium	131	N	1	0.049	0.52	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-48-4	Cobalt	6.34		1	0.10	1.55	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-50-8	Copper	178		1	0.23	1.04	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7439-89-6	Iron	14600	*	1	4.14	5.18	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7439-92-1	Lead	124		1	0.14	0.62	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7439-95-4	Magnesium	5020		1	12.4	104	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7439-96-5	Manganese	365		1	0.14	1.04	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7439-97-6	Mercury	0.14		1	0.0090	0.016	mg/Kg	08/11/25 16:30	08/12/25 11:38	7471B	
7440-02-0	Nickel	350		1	0.14	2.07	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-09-7	Potassium	1150	N	1	28.7	104	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7782-49-2	Selenium	0.65	JN	1	0.27	1.04	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-22-4	Silver	0.65	N	1	0.12	0.52	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-23-5	Sodium	341		1	18.5	104	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-28-0	Thallium	0.24	UN	1	0.24	2.07	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-62-2	Vanadium	17.5	N*	1	0.26	2.07	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050
7440-66-6	Zinc	169		1	0.24	2.07	mg/Kg	08/12/25 12:55	08/13/25 16:35	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB08	Mercury	0.076	+/-0.2	U	0.20	CV	08/12/2025	10:01	LB136782

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB22	Mercury	0.076	+/-0.2	U	0.20	CV	08/12/2025	10:08	LB136782
CCB23	Mercury	0.076	+/-0.2	U	0.20	CV	08/12/2025	11:21	LB136782
CCB24	Mercury	0.076	+/-0.2	U	0.20	CV	08/12/2025	11:54	LB136782
CCB25	Mercury	0.076	+/-0.2	U	0.20	CV	08/12/2025	12:37	LB136782
CCB26	Mercury	0.076	+/-0.2	U	0.20	CV	08/12/2025	13:00	LB136782

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	08/13/2025	12:33	LB136801
	Antimony	6.76	+/-25	U	50.0	P	08/13/2025	12:33	LB136801
	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	12:33	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	12:33	LB136801
	Beryllium	0.56	+/-3	U	6.00	P	08/13/2025	12:33	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	12:33	LB136801
	Calcium	234	+/-1000	U	2000	P	08/13/2025	12:33	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	12:33	LB136801
	Cobalt	2.26	+/-15	U	30.0	P	08/13/2025	12:33	LB136801
	Copper	4.60	+/-10	U	20.0	P	08/13/2025	12:33	LB136801
	Iron	23.4	+/-50	U	100	P	08/13/2025	12:33	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	12:33	LB136801
	Magnesium	244	+/-1000	U	2000	P	08/13/2025	12:33	LB136801
	Manganese	5.94	+/-10	U	20.0	P	08/13/2025	12:33	LB136801
	Nickel	3.06	+/-20	U	40.0	P	08/13/2025	12:33	LB136801
	Potassium	918	+/-1000	U	2000	P	08/13/2025	12:33	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	12:33	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	12:33	LB136801
	Sodium	868	+/-1000	U	2000	P	08/13/2025	12:33	LB136801
	Thallium	4.38	+/-20	U	40.0	P	08/13/2025	12:33	LB136801
	Vanadium	6.26	+/-20	U	40.0	P	08/13/2025	12:33	LB136801
	Zinc	16.7	+/-20	U	40.0	P	08/13/2025	12:33	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	08/13/2025	13:03	LB136801
	Antimony	6.76	+/-25	U	50.0	P	08/13/2025	13:03	LB136801
	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	13:03	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	13:03	LB136801
	Beryllium	0.56	+/-3	U	6.00	P	08/13/2025	13:03	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	13:03	LB136801
	Calcium	234	+/-1000	U	2000	P	08/13/2025	13:03	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	13:03	LB136801
	Cobalt	2.26	+/-15	U	30.0	P	08/13/2025	13:03	LB136801
	Copper	4.60	+/-10	U	20.0	P	08/13/2025	13:03	LB136801
	Iron	23.4	+/-50	U	100	P	08/13/2025	13:03	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	13:03	LB136801
	Magnesium	244	+/-1000	U	2000	P	08/13/2025	13:03	LB136801
	Manganese	5.94	+/-10	U	20.0	P	08/13/2025	13:03	LB136801
	Nickel	3.06	+/-20	U	40.0	P	08/13/2025	13:03	LB136801
	Potassium	918	+/-1000	U	2000	P	08/13/2025	13:03	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	13:03	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	13:03	LB136801
	Sodium	868	+/-1000	U	2000	P	08/13/2025	13:03	LB136801
	Thallium	4.38	+/-20	U	40.0	P	08/13/2025	13:03	LB136801
	Vanadium	6.26	+/-20	U	40.0	P	08/13/2025	13:03	LB136801
	Zinc	16.7	+/-20	U	40.0	P	08/13/2025	13:03	LB136801
CCB02	Aluminum	11.3	+/-50	U	100	P	08/13/2025	13:46	LB136801
	Antimony	6.76	+/-25	U	50.0	P	08/13/2025	13:46	LB136801
	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	13:46	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	13:46	LB136801
	Beryllium	0.56	+/-3	U	6.00	P	08/13/2025	13:46	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	13:46	LB136801
	Calcium	234	+/-1000	U	2000	P	08/13/2025	13:46	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	13:46	LB136801
	Cobalt	2.26	+/-15	U	30.0	P	08/13/2025	13:46	LB136801
	Copper	4.60	+/-10	U	20.0	P	08/13/2025	13:46	LB136801
	Iron	23.4	+/-50	U	100	P	08/13/2025	13:46	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	13:46	LB136801
	Magnesium	244	+/-1000	U	2000	P	08/13/2025	13:46	LB136801
	Manganese	5.94	+/-10	U	20.0	P	08/13/2025	13:46	LB136801
	Nickel	3.06	+/-20	U	40.0	P	08/13/2025	13:46	LB136801
	Potassium	918	+/-1000	U	2000	P	08/13/2025	13:46	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	13:46	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	08/13/2025	13:46	LB136801
	Sodium	868	+/-1000	U	2000	P	08/13/2025	13:46	LB136801
	Thallium	4.38	+/-20	U	40.0	P	08/13/2025	13:46	LB136801
	Vanadium	6.26	+/-20	U	40.0	P	08/13/2025	13:46	LB136801
	Zinc	16.7	+/-20	U	40.0	P	08/13/2025	13:46	LB136801
CCB03	Aluminum	11.3	+/-50	U	100	P	08/13/2025	14:37	LB136801
	Antimony	6.76	+/-25	U	50.0	P	08/13/2025	14:37	LB136801
	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	14:37	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	14:37	LB136801
	Beryllium	0.56	+/-3	U	6.00	P	08/13/2025	14:37	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	14:37	LB136801
	Calcium	234	+/-1000	U	2000	P	08/13/2025	14:37	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	14:37	LB136801
	Cobalt	2.26	+/-15	U	30.0	P	08/13/2025	14:37	LB136801
	Copper	4.60	+/-10	U	20.0	P	08/13/2025	14:37	LB136801
	Iron	23.4	+/-50	U	100	P	08/13/2025	14:37	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	14:37	LB136801
	Magnesium	244	+/-1000	U	2000	P	08/13/2025	14:37	LB136801
	Manganese	5.94	+/-10	U	20.0	P	08/13/2025	14:37	LB136801
	Nickel	3.06	+/-20	U	40.0	P	08/13/2025	14:37	LB136801
	Potassium	918	+/-1000	U	2000	P	08/13/2025	14:37	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	14:37	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	14:37	LB136801
	Sodium	868	+/-1000	U	2000	P	08/13/2025	14:37	LB136801
	Thallium	4.38	+/-20	U	40.0	P	08/13/2025	14:37	LB136801
	Vanadium	6.26	+/-20	U	40.0	P	08/13/2025	14:37	LB136801
	Zinc	16.7	+/-20	U	40.0	P	08/13/2025	14:37	LB136801
CCB04	Aluminum	11.3	+/-50	U	100	P	08/13/2025	15:27	LB136801
	Antimony	6.76	+/-25	U	50.0	P	08/13/2025	15:27	LB136801
	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	15:27	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	15:27	LB136801
	Beryllium	0.56	+/-3	U	6.00	P	08/13/2025	15:27	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	15:27	LB136801
	Calcium	234	+/-1000	U	2000	P	08/13/2025	15:27	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	15:27	LB136801
	Cobalt	2.26	+/-15	U	30.0	P	08/13/2025	15:27	LB136801
	Copper	4.60	+/-10	U	20.0	P	08/13/2025	15:27	LB136801
	Iron	23.4	+/-50	U	100	P	08/13/2025	15:27	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	15:27	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	08/13/2025	15:27	LB136801
	Manganese	5.94	+/-10	U	20.0	P	08/13/2025	15:27	LB136801
	Nickel	3.06	+/-20	U	40.0	P	08/13/2025	15:27	LB136801
	Potassium	918	+/-1000	U	2000	P	08/13/2025	15:27	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	15:27	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	15:27	LB136801
	Sodium	868	+/-1000	U	2000	P	08/13/2025	15:27	LB136801
	Thallium	4.38	+/-20	U	40.0	P	08/13/2025	15:27	LB136801
	Vanadium	6.26	+/-20	U	40.0	P	08/13/2025	15:27	LB136801
	Zinc	16.7	+/-20	U	40.0	P	08/13/2025	15:27	LB136801
CCB05	Aluminum	11.3	+/-50	U	100	P	08/13/2025	16:19	LB136801
	Antimony	6.76	+/-25	U	50.0	P	08/13/2025	16:19	LB136801
	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	16:19	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	16:19	LB136801
	Beryllium	0.56	+/-3	U	6.00	P	08/13/2025	16:19	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	16:19	LB136801
	Calcium	234	+/-1000	U	2000	P	08/13/2025	16:19	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	16:19	LB136801
	Cobalt	2.26	+/-15	U	30.0	P	08/13/2025	16:19	LB136801
	Copper	4.60	+/-10	U	20.0	P	08/13/2025	16:19	LB136801
	Iron	23.4	+/-50	U	100	P	08/13/2025	16:19	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	16:19	LB136801
	Magnesium	244	+/-1000	U	2000	P	08/13/2025	16:19	LB136801
	Manganese	5.94	+/-10	U	20.0	P	08/13/2025	16:19	LB136801
	Nickel	3.06	+/-20	U	40.0	P	08/13/2025	16:19	LB136801
	Potassium	918	+/-1000	U	2000	P	08/13/2025	16:19	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	16:19	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	16:19	LB136801
	Sodium	868	+/-1000	U	2000	P	08/13/2025	16:19	LB136801
	Thallium	4.38	+/-20	U	40.0	P	08/13/2025	16:19	LB136801
	Vanadium	6.26	+/-20	U	40.0	P	08/13/2025	16:19	LB136801
	Zinc	16.7	+/-20	U	40.0	P	08/13/2025	16:19	LB136801
CCB06	Aluminum	11.3	+/-50	U	100	P	08/13/2025	17:09	LB136801
	Antimony	6.76	+/-25	U	50.0	P	08/13/2025	17:09	LB136801
	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	17:09	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	17:09	LB136801
	Beryllium	0.56	+/-3	U	6.00	P	08/13/2025	17:09	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	17:09	LB136801
	Calcium	234	+/-1000	U	2000	P	08/13/2025	17:09	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	17:09	LB136801
	Cobalt	2.26	+/-15	U	30.0	P	08/13/2025	17:09	LB136801
	Copper	4.60	+/-10	U	20.0	P	08/13/2025	17:09	LB136801
	Iron	23.4	+/-50	U	100	P	08/13/2025	17:09	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	17:09	LB136801
	Magnesium	244	+/-1000	U	2000	P	08/13/2025	17:09	LB136801
	Manganese	5.94	+/-10	U	20.0	P	08/13/2025	17:09	LB136801
	Nickel	3.06	+/-20	U	40.0	P	08/13/2025	17:09	LB136801
	Potassium	918	+/-1000	U	2000	P	08/13/2025	17:09	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	17:09	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	17:09	LB136801
	Sodium	868	+/-1000	U	2000	P	08/13/2025	17:09	LB136801
	Thallium	4.38	+/-20	U	40.0	P	08/13/2025	17:09	LB136801
	Vanadium	6.26	+/-20	U	40.0	P	08/13/2025	17:09	LB136801
	Zinc	16.7	+/-20	U	40.0	P	08/13/2025	17:09	LB136801
CCB07	Aluminum	11.3	+/-50	U	100	P	08/13/2025	17:50	LB136801
	Antimony	6.76	+/-25	U	50.0	P	08/13/2025	17:50	LB136801
	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	17:50	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	17:50	LB136801
	Beryllium	0.56	+/-3	U	6.00	P	08/13/2025	17:50	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	17:50	LB136801
	Calcium	234	+/-1000	U	2000	P	08/13/2025	17:50	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	17:50	LB136801
	Cobalt	2.26	+/-15	U	30.0	P	08/13/2025	17:50	LB136801
	Copper	4.60	+/-10	U	20.0	P	08/13/2025	17:50	LB136801
	Iron	23.4	+/-50	U	100	P	08/13/2025	17:50	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	17:50	LB136801
	Magnesium	244	+/-1000	U	2000	P	08/13/2025	17:50	LB136801
	Manganese	5.94	+/-10	U	20.0	P	08/13/2025	17:50	LB136801
	Nickel	3.06	+/-20	U	40.0	P	08/13/2025	17:50	LB136801
	Potassium	918	+/-1000	U	2000	P	08/13/2025	17:50	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	17:50	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	17:50	LB136801
	Sodium	868	+/-1000	U	2000	P	08/13/2025	17:50	LB136801
	Thallium	4.38	+/-20	U	40.0	P	08/13/2025	17:50	LB136801
	Vanadium	6.26	+/-20	U	40.0	P	08/13/2025	17:50	LB136801
	Zinc	16.7	+/-20	U	40.0	P	08/13/2025	17:50	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169204BL		**SOLID**		**Batch Number:**	**PB169204**		**Prep Date:**	**08/11/2025**	
	Mercury	0.0080	<0.014	U	0.014	CV	08/12/2025	10:46	LB136782

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169211BL		**SOLID**		**Batch Number:**	**PB169211**		**Prep Date:**	**08/12/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	08/13/2025	15:06	LB136801
	Antimony	0.22	<1.25	U	2.50	P	08/13/2025	15:06	LB136801
	Arsenic	0.19	<0.5	U	1.00	P	08/13/2025	15:06	LB136801
	Barium	0.73	<2.5	U	5.00	P	08/13/2025	15:06	LB136801
	Beryllium	0.025	<0.15	U	0.30	P	08/13/2025	15:06	LB136801
	Cadmium	0.024	<0.15	U	0.30	P	08/13/2025	15:06	LB136801
	Calcium	11.1	<50	U	100	P	08/13/2025	15:06	LB136801
	Chromium	0.047	<0.25	U	0.50	P	08/13/2025	15:06	LB136801
	Cobalt	0.10	<0.75	U	1.50	P	08/13/2025	15:06	LB136801
	Copper	0.22	<0.5	U	1.00	P	08/13/2025	15:06	LB136801
	Iron	3.99	<2.5	U	5.00	P	08/13/2025	15:06	LB136801
	Lead	0.13	<0.3	U	0.60	P	08/13/2025	15:06	LB136801
	Magnesium	12.0	<50	U	100	P	08/13/2025	15:06	LB136801
	Manganese	0.14	<0.5	U	1.00	P	08/13/2025	15:06	LB136801
	Nickel	0.13	<1	U	2.00	P	08/13/2025	15:06	LB136801
	Potassium	27.7	<50	U	100	P	08/13/2025	15:06	LB136801
	Selenium	0.26	<0.5	U	1.00	P	08/13/2025	15:06	LB136801
	Silver	0.12	<0.25	U	0.50	P	08/13/2025	15:06	LB136801
	Sodium	17.8	<50	U	100	P	08/13/2025	15:06	LB136801
	Thallium	0.23	<1	U	2.00	P	08/13/2025	15:06	LB136801
	Vanadium	0.25	<1	U	2.00	P	08/13/2025	15:06	LB136801
	Zinc	0.23	<1	U	2.00	P	08/13/2025	15:06	LB136801

METAL CALIBRATION DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV08	Mercury	4.39	4.0	110	90 - 110	CV	08/12/2025	09:56	LB136782

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV22	Mercury	5.22	5.0	104	90 - 110	CV	08/12/2025	10:03	LB136782
CCV23	Mercury	5.26	5.0	105	90 - 110	CV	08/12/2025	11:11	LB136782
CCV24	Mercury	5.28	5.0	106	90 - 110	CV	08/12/2025	11:51	LB136782
CCV25	Mercury	5.14	5.0	103	90 - 110	CV	08/12/2025	12:32	LB136782
CCV26	Mercury	4.84	5.0	97	90 - 110	CV	08/12/2025	12:55	LB136782

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7680	8000	96	90 - 110	P	08/13/2025	12:21	LB136801
	Antimony	4000	4000	100	90 - 110	P	08/13/2025	12:21	LB136801
	Arsenic	3870	4000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Barium	7790	8000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Beryllium	189	200	95	90 - 110	P	08/13/2025	12:21	LB136801
	Cadmium	1920	2000	96	90 - 110	P	08/13/2025	12:21	LB136801
	Calcium	19200	20000	96	90 - 110	P	08/13/2025	12:21	LB136801
	Chromium	788	800	98	90 - 110	P	08/13/2025	12:21	LB136801
	Cobalt	1950	2000	98	90 - 110	P	08/13/2025	12:21	LB136801
	Copper	997	1000	100	90 - 110	P	08/13/2025	12:21	LB136801
	Iron	3950	4000	99	90 - 110	P	08/13/2025	12:21	LB136801
	Lead	3770	4000	94	90 - 110	P	08/13/2025	12:21	LB136801
	Magnesium	19100	20000	96	90 - 110	P	08/13/2025	12:21	LB136801
	Manganese	1920	2000	96	90 - 110	P	08/13/2025	12:21	LB136801
	Nickel	1950	2000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Potassium	19400	20000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Selenium	3880	4000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Silver	1030	1000	103	90 - 110	P	08/13/2025	12:21	LB136801
	Sodium	19100	20000	96	90 - 110	P	08/13/2025	12:21	LB136801
	Thallium	3750	4000	94	90 - 110	P	08/13/2025	12:21	LB136801
	Vanadium	1940	2000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Zinc	1950	2000	98	90 - 110	P	08/13/2025	12:21	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	95.1	100	95	80 - 120	P	08/13/2025	12:28	LB136801
	Antimony	50.1	50.0	100	80 - 120	P	08/13/2025	12:28	LB136801
	Arsenic	21.3	20.0	106	80 - 120	P	08/13/2025	12:28	LB136801
	Barium	94.7	100	95	80 - 120	P	08/13/2025	12:28	LB136801
	Beryllium	6.08	6.0	101	80 - 120	P	08/13/2025	12:28	LB136801
	Cadmium	5.59	6.0	93	80 - 120	P	08/13/2025	12:28	LB136801
	Calcium	2040	2000	102	80 - 120	P	08/13/2025	12:28	LB136801
	Chromium	10.5	10.0	105	80 - 120	P	08/13/2025	12:28	LB136801
	Cobalt	29.4	30.0	98	80 - 120	P	08/13/2025	12:28	LB136801
	Copper	21.3	20.0	107	80 - 120	P	08/13/2025	12:28	LB136801
	Iron	107	100	107	80 - 120	P	08/13/2025	12:28	LB136801
	Lead	11.2	12.0	93	80 - 120	P	08/13/2025	12:28	LB136801
	Magnesium	2120	2000	106	80 - 120	P	08/13/2025	12:28	LB136801
	Manganese	21.0	20.0	105	80 - 120	P	08/13/2025	12:28	LB136801
	Nickel	39.6	40.0	99	80 - 120	P	08/13/2025	12:28	LB136801
	Potassium	1990	2000	100	80 - 120	P	08/13/2025	12:28	LB136801
	Selenium	19.2	20.0	96	80 - 120	P	08/13/2025	12:28	LB136801
	Silver	10.1	10.0	101	80 - 120	P	08/13/2025	12:28	LB136801
	Sodium	1850	2000	92	80 - 120	P	08/13/2025	12:28	LB136801
	Thallium	43.0	40.0	107	80 - 120	P	08/13/2025	12:28	LB136801
	Vanadium	38.9	40.0	97	80 - 120	P	08/13/2025	12:28	LB136801
	Zinc	42.4	40.0	106	80 - 120	P	08/13/2025	12:28	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9630	10000	96	90 - 110	P	08/13/2025	12:58	LB136801
	Antimony	4930	5000	99	90 - 110	P	08/13/2025	12:58	LB136801
	Arsenic	4900	5000	98	90 - 110	P	08/13/2025	12:58	LB136801
	Barium	9640	10000	96	90 - 110	P	08/13/2025	12:58	LB136801
	Beryllium	240	250	96	90 - 110	P	08/13/2025	12:58	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	12:58	LB136801
	Calcium	24100	25000	96	90 - 110	P	08/13/2025	12:58	LB136801
	Chromium	1000	1000	100	90 - 110	P	08/13/2025	12:58	LB136801
	Cobalt	2420	2500	97	90 - 110	P	08/13/2025	12:58	LB136801
	Copper	1230	1250	98	90 - 110	P	08/13/2025	12:58	LB136801
	Iron	5030	5000	101	90 - 110	P	08/13/2025	12:58	LB136801
	Lead	4860	5000	97	90 - 110	P	08/13/2025	12:58	LB136801
	Magnesium	24000	25000	96	90 - 110	P	08/13/2025	12:58	LB136801
	Manganese	2390	2500	96	90 - 110	P	08/13/2025	12:58	LB136801
	Nickel	2430	2500	97	90 - 110	P	08/13/2025	12:58	LB136801
	Potassium	25000	25000	100	90 - 110	P	08/13/2025	12:58	LB136801
	Selenium	4930	5000	98	90 - 110	P	08/13/2025	12:58	LB136801
	Silver	1230	1250	99	90 - 110	P	08/13/2025	12:58	LB136801
	Sodium	24600	25000	99	90 - 110	P	08/13/2025	12:58	LB136801
	Thallium	4820	5000	96	90 - 110	P	08/13/2025	12:58	LB136801
	Vanadium	2420	2500	97	90 - 110	P	08/13/2025	12:58	LB136801
	Zinc	2490	2500	99	90 - 110	P	08/13/2025	12:58	LB136801
CCV02	Aluminum	9700	10000	97	90 - 110	P	08/13/2025	13:42	LB136801
	Antimony	4970	5000	99	90 - 110	P	08/13/2025	13:42	LB136801
	Arsenic	4950	5000	99	90 - 110	P	08/13/2025	13:42	LB136801
	Barium	9660	10000	97	90 - 110	P	08/13/2025	13:42	LB136801
	Beryllium	240	250	96	90 - 110	P	08/13/2025	13:42	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	13:42	LB136801
	Calcium	24200	25000	97	90 - 110	P	08/13/2025	13:42	LB136801
	Chromium	987	1000	99	90 - 110	P	08/13/2025	13:42	LB136801
	Cobalt	2430	2500	97	90 - 110	P	08/13/2025	13:42	LB136801
	Copper	1230	1250	99	90 - 110	P	08/13/2025	13:42	LB136801
	Iron	4980	5000	100	90 - 110	P	08/13/2025	13:42	LB136801
	Lead	4850	5000	97	90 - 110	P	08/13/2025	13:42	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24100	25000	96	90 - 110	P	08/13/2025	13:42	LB136801
	Manganese	2420	2500	97	90 - 110	P	08/13/2025	13:42	LB136801
	Nickel	2430	2500	97	90 - 110	P	08/13/2025	13:42	LB136801
	Potassium	24600	25000	98	90 - 110	P	08/13/2025	13:42	LB136801
	Selenium	4980	5000	100	90 - 110	P	08/13/2025	13:42	LB136801
	Silver	1240	1250	99	90 - 110	P	08/13/2025	13:42	LB136801
	Sodium	24100	25000	96	90 - 110	P	08/13/2025	13:42	LB136801
	Thallium	4960	5000	99	90 - 110	P	08/13/2025	13:42	LB136801
	Vanadium	2450	2500	98	90 - 110	P	08/13/2025	13:42	LB136801
	Zinc	2460	2500	98	90 - 110	P	08/13/2025	13:42	LB136801
CCV03	Aluminum	9650	10000	96	90 - 110	P	08/13/2025	14:33	LB136801
	Antimony	5020	5000	100	90 - 110	P	08/13/2025	14:33	LB136801
	Arsenic	4990	5000	100	90 - 110	P	08/13/2025	14:33	LB136801
	Barium	9670	10000	97	90 - 110	P	08/13/2025	14:33	LB136801
	Beryllium	238	250	95	90 - 110	P	08/13/2025	14:33	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	14:33	LB136801
	Calcium	24100	25000	96	90 - 110	P	08/13/2025	14:33	LB136801
	Chromium	993	1000	99	90 - 110	P	08/13/2025	14:33	LB136801
	Cobalt	2430	2500	97	90 - 110	P	08/13/2025	14:33	LB136801
	Copper	1240	1250	99	90 - 110	P	08/13/2025	14:33	LB136801
	Iron	5010	5000	100	90 - 110	P	08/13/2025	14:33	LB136801
	Lead	4860	5000	97	90 - 110	P	08/13/2025	14:33	LB136801
	Magnesium	23900	25000	96	90 - 110	P	08/13/2025	14:33	LB136801
	Manganese	2390	2500	96	90 - 110	P	08/13/2025	14:33	LB136801
	Nickel	2440	2500	98	90 - 110	P	08/13/2025	14:33	LB136801
	Potassium	24700	25000	99	90 - 110	P	08/13/2025	14:33	LB136801
	Selenium	5020	5000	100	90 - 110	P	08/13/2025	14:33	LB136801
	Silver	1240	1250	99	90 - 110	P	08/13/2025	14:33	LB136801
	Sodium	23300	25000	93	90 - 110	P	08/13/2025	14:33	LB136801
	Thallium	4820	5000	96	90 - 110	P	08/13/2025	14:33	LB136801
	Vanadium	2450	2500	98	90 - 110	P	08/13/2025	14:33	LB136801
	Zinc	2480	2500	99	90 - 110	P	08/13/2025	14:33	LB136801
CCV04	Aluminum	9760	10000	98	90 - 110	P	08/13/2025	15:23	LB136801
	Antimony	5060	5000	101	90 - 110	P	08/13/2025	15:23	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5010	5000	100	90 - 110	P	08/13/2025	15:23	LB136801
	Barium	9660	10000	97	90 - 110	P	08/13/2025	15:23	LB136801
	Beryllium	239	250	96	90 - 110	P	08/13/2025	15:23	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	15:23	LB136801
	Calcium	24300	25000	97	90 - 110	P	08/13/2025	15:23	LB136801
	Chromium	991	1000	99	90 - 110	P	08/13/2025	15:23	LB136801
	Cobalt	2430	2500	97	90 - 110	P	08/13/2025	15:23	LB136801
	Copper	1240	1250	99	90 - 110	P	08/13/2025	15:23	LB136801
	Iron	5000	5000	100	90 - 110	P	08/13/2025	15:23	LB136801
	Lead	4860	5000	97	90 - 110	P	08/13/2025	15:23	LB136801
	Magnesium	24200	25000	97	90 - 110	P	08/13/2025	15:23	LB136801
	Manganese	2390	2500	96	90 - 110	P	08/13/2025	15:23	LB136801
	Nickel	2440	2500	98	90 - 110	P	08/13/2025	15:23	LB136801
	Potassium	24700	25000	99	90 - 110	P	08/13/2025	15:23	LB136801
	Selenium	5070	5000	101	90 - 110	P	08/13/2025	15:23	LB136801
	Silver	1240	1250	99	90 - 110	P	08/13/2025	15:23	LB136801
	Sodium	23700	25000	95	90 - 110	P	08/13/2025	15:23	LB136801
	Thallium	4760	5000	95	90 - 110	P	08/13/2025	15:23	LB136801
	Vanadium	2470	2500	99	90 - 110	P	08/13/2025	15:23	LB136801
	Zinc	2500	2500	100	90 - 110	P	08/13/2025	15:23	LB136801
CCV05	Aluminum	9690	10000	97	90 - 110	P	08/13/2025	16:14	LB136801
	Antimony	5090	5000	102	90 - 110	P	08/13/2025	16:14	LB136801
	Arsenic	5010	5000	100	90 - 110	P	08/13/2025	16:14	LB136801
	Barium	9840	10000	98	90 - 110	P	08/13/2025	16:14	LB136801
	Beryllium	235	250	94	90 - 110	P	08/13/2025	16:14	LB136801
	Cadmium	2400	2500	96	90 - 110	P	08/13/2025	16:14	LB136801
	Calcium	24100	25000	96	90 - 110	P	08/13/2025	16:14	LB136801
	Chromium	991	1000	99	90 - 110	P	08/13/2025	16:14	LB136801
	Cobalt	2420	2500	97	90 - 110	P	08/13/2025	16:14	LB136801
	Copper	1240	1250	100	90 - 110	P	08/13/2025	16:14	LB136801
	Iron	5090	5000	102	90 - 110	P	08/13/2025	16:14	LB136801
	Lead	4810	5000	96	90 - 110	P	08/13/2025	16:14	LB136801
	Magnesium	23800	25000	95	90 - 110	P	08/13/2025	16:14	LB136801
	Manganese	2380	2500	95	90 - 110	P	08/13/2025	16:14	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2430	2500	97	90 - 110	P	08/13/2025	16:14	LB136801
	Potassium	25000	25000	100	90 - 110	P	08/13/2025	16:14	LB136801
	Selenium	5070	5000	101	90 - 110	P	08/13/2025	16:14	LB136801
	Silver	1250	1250	100	90 - 110	P	08/13/2025	16:14	LB136801
	Sodium	23800	25000	95	90 - 110	P	08/13/2025	16:14	LB136801
	Thallium	4540	5000	91	90 - 110	P	08/13/2025	16:14	LB136801
	Vanadium	2460	2500	98	90 - 110	P	08/13/2025	16:14	LB136801
	Zinc	2510	2500	101	90 - 110	P	08/13/2025	16:14	LB136801
CCV06	Aluminum	9690	10000	97	90 - 110	P	08/13/2025	17:05	LB136801
	Antimony	5110	5000	102	90 - 110	P	08/13/2025	17:05	LB136801
	Arsenic	5040	5000	101	90 - 110	P	08/13/2025	17:05	LB136801
	Barium	9810	10000	98	90 - 110	P	08/13/2025	17:05	LB136801
	Beryllium	238	250	95	90 - 110	P	08/13/2025	17:05	LB136801
	Cadmium	2420	2500	97	90 - 110	P	08/13/2025	17:05	LB136801
	Calcium	24100	25000	97	90 - 110	P	08/13/2025	17:05	LB136801
	Chromium	988	1000	99	90 - 110	P	08/13/2025	17:05	LB136801
	Cobalt	2430	2500	97	90 - 110	P	08/13/2025	17:05	LB136801
	Copper	1250	1250	100	90 - 110	P	08/13/2025	17:05	LB136801
	Iron	5070	5000	102	90 - 110	P	08/13/2025	17:05	LB136801
	Lead	4850	5000	97	90 - 110	P	08/13/2025	17:05	LB136801
	Magnesium	24000	25000	96	90 - 110	P	08/13/2025	17:05	LB136801
	Manganese	2400	2500	96	90 - 110	P	08/13/2025	17:05	LB136801
	Nickel	2440	2500	98	90 - 110	P	08/13/2025	17:05	LB136801
	Potassium	24800	25000	99	90 - 110	P	08/13/2025	17:05	LB136801
	Selenium	5150	5000	103	90 - 110	P	08/13/2025	17:05	LB136801
	Silver	1260	1250	100	90 - 110	P	08/13/2025	17:05	LB136801
	Sodium	23300	25000	93	90 - 110	P	08/13/2025	17:05	LB136801
	Thallium	5380	5000	108	90 - 110	P	08/13/2025	17:05	LB136801
	Vanadium	2460	2500	98	90 - 110	P	08/13/2025	17:05	LB136801
	Zinc	2520	2500	101	90 - 110	P	08/13/2025	17:05	LB136801
CCV07	Aluminum	9840	10000	98	90 - 110	P	08/13/2025	17:46	LB136801
	Antimony	5120	5000	102	90 - 110	P	08/13/2025	17:46	LB136801
	Arsenic	5060	5000	101	90 - 110	P	08/13/2025	17:46	LB136801
	Barium	9850	10000	98	90 - 110	P	08/13/2025	17:46	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	241	250	96	90 - 110	P	08/13/2025	17:46	LB136801
	Cadmium	2440	2500	98	90 - 110	P	08/13/2025	17:46	LB136801
	Calcium	24600	25000	98	90 - 110	P	08/13/2025	17:46	LB136801
	Chromium	1010	1000	101	90 - 110	P	08/13/2025	17:46	LB136801
	Cobalt	2450	2500	98	90 - 110	P	08/13/2025	17:46	LB136801
	Copper	1250	1250	100	90 - 110	P	08/13/2025	17:46	LB136801
	Iron	5140	5000	103	90 - 110	P	08/13/2025	17:46	LB136801
	Lead	4880	5000	98	90 - 110	P	08/13/2025	17:46	LB136801
	Magnesium	24400	25000	98	90 - 110	P	08/13/2025	17:46	LB136801
	Manganese	2430	2500	97	90 - 110	P	08/13/2025	17:46	LB136801
	Nickel	2460	2500	98	90 - 110	P	08/13/2025	17:46	LB136801
	Potassium	24800	25000	99	90 - 110	P	08/13/2025	17:46	LB136801
	Selenium	5160	5000	103	90 - 110	P	08/13/2025	17:46	LB136801
	Silver	1260	1250	100	90 - 110	P	08/13/2025	17:46	LB136801
	Sodium	23600	25000	95	90 - 110	P	08/13/2025	17:46	LB136801
	Thallium	5360	5000	107	90 - 110	P	08/13/2025	17:46	LB136801
	Vanadium	2490	2500	100	90 - 110	P	08/13/2025	17:46	LB136801
	Zinc	2530	2500	101	90 - 110	P	08/13/2025	17:46	LB136801

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.23	0.2	113	70 - 130	CV	08/12/2025	10:34	LB136782
CRI01	Aluminum	92.9	100	93	65 - 135	P	08/13/2025	12:37	LB136801
	Antimony	50.2	50.0	100	65 - 135	P	08/13/2025	12:37	LB136801
	Arsenic	20.6	20.0	103	65 - 135	P	08/13/2025	12:37	LB136801
	Barium	93.9	100	94	65 - 135	P	08/13/2025	12:37	LB136801
	Beryllium	6.01	6.0	100	65 - 135	P	08/13/2025	12:37	LB136801
	Cadmium	5.49	6.0	92	65 - 135	P	08/13/2025	12:37	LB136801
	Calcium	2010	2000	100	65 - 135	P	08/13/2025	12:37	LB136801
	Chromium	10.00	10.0	100	65 - 135	P	08/13/2025	12:37	LB136801
	Cobalt	29.0	30.0	97	65 - 135	P	08/13/2025	12:37	LB136801
	Copper	20.9	20.0	104	65 - 135	P	08/13/2025	12:37	LB136801
	Iron	95.9	100	96	65 - 135	P	08/13/2025	12:37	LB136801
	Lead	10.0	12.0	83	65 - 135	P	08/13/2025	12:37	LB136801
	Magnesium	2120	2000	106	65 - 135	P	08/13/2025	12:37	LB136801
	Manganese	20.8	20.0	104	65 - 135	P	08/13/2025	12:37	LB136801
	Nickel	38.7	40.0	97	65 - 135	P	08/13/2025	12:37	LB136801
	Potassium	1930	2000	97	65 - 135	P	08/13/2025	12:37	LB136801
	Selenium	21.1	20.0	106	65 - 135	P	08/13/2025	12:37	LB136801
	Silver	10.3	10.0	103	65 - 135	P	08/13/2025	12:37	LB136801
	Sodium	1810	2000	91	65 - 135	P	08/13/2025	12:37	LB136801
	Thallium	40.7	40.0	102	65 - 135	P	08/13/2025	12:37	LB136801
	Vanadium	42.3	40.0	106	65 - 135	P	08/13/2025	12:37	LB136801
	Zinc	41.0	40.0	102	65 - 135	P	08/13/2025	12:37	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	240000	255000	94	216000	294000	08/13/2025	12:41	LB136801
	Antimony	-4.82			-50	50	08/13/2025	12:41	LB136801
	Arsenic	13.5			-20	20	08/13/2025	12:41	LB136801
	Barium	-0.47	6.0	8	-94	106	08/13/2025	12:41	LB136801
	Beryllium	1.31			-6	6	08/13/2025	12:41	LB136801
	Cadmium	2.33	1.0	233	-5	7	08/13/2025	12:41	LB136801
	Calcium	229000	245000	94	208000	282000	08/13/2025	12:41	LB136801
	Chromium	58.2	52.0	112	42	62	08/13/2025	12:41	LB136801
	Cobalt	1.85			-30	30	08/13/2025	12:41	LB136801
	Copper	4.82	2.0	241	-18	22	08/13/2025	12:41	LB136801
	Iron	99200	101000	98	85600	116500	08/13/2025	12:41	LB136801
	Lead	-6.38			-12	12	08/13/2025	12:41	LB136801
	Magnesium	243000	255000	95	216000	294000	08/13/2025	12:41	LB136801
	Manganese	8.17	7.0	117	-13	27	08/13/2025	12:41	LB136801
	Nickel	5.22	2.0	261	-38	42	08/13/2025	12:41	LB136801
	Potassium	-4.10			0	0	08/13/2025	12:41	LB136801
	Selenium	2.91			-20	20	08/13/2025	12:41	LB136801
	Silver	2.33			-10	10	08/13/2025	12:41	LB136801
	Sodium	3.06			0	0	08/13/2025	12:41	LB136801
	Thallium	2.91			-40	40	08/13/2025	12:41	LB136801
	Vanadium	3.65			-40	40	08/13/2025	12:41	LB136801
	Zinc	2.20			-40	40	08/13/2025	12:41	LB136801
ICSAB01	Aluminum	247000	247000	100	209000	285000	08/13/2025	12:45	LB136801
	Antimony	588	618	95	525	711	08/13/2025	12:45	LB136801
	Arsenic	111	104	107	88.4	120	08/13/2025	12:45	LB136801
	Barium	492	537	92	437	637	08/13/2025	12:45	LB136801
	Beryllium	487	495	98	420	570	08/13/2025	12:45	LB136801
	Cadmium	994	972	102	826	1120	08/13/2025	12:45	LB136801
	Calcium	236000	235000	100	199000	271000	08/13/2025	12:45	LB136801
	Chromium	558	542	103	460	624	08/13/2025	12:45	LB136801
	Cobalt	498	476	105	404	548	08/13/2025	12:45	LB136801
	Copper	486	511	95	434	588	08/13/2025	12:45	LB136801
	Iron	102000	99300	103	84400	114500	08/13/2025	12:45	LB136801
	Lead	42.2	49.0	86	37	61	08/13/2025	12:45	LB136801
	Magnesium	250000	248000	101	210000	286000	08/13/2025	12:45	LB136801
	Manganese	493	507	97	430	584	08/13/2025	12:45	LB136801
	Nickel	992	954	104	810	1100	08/13/2025	12:45	LB136801
	Potassium	42.9			0	0	08/13/2025	12:45	LB136801
	Selenium	50.5	46.0	110	26	66	08/13/2025	12:45	LB136801
	Silver	216	201	108	170	232	08/13/2025	12:45	LB136801
	Sodium	-3.58			0	0	08/13/2025	12:45	LB136801
	Thallium	113	108	105	68	148	08/13/2025	12:45	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	479	491	98	417	565	08/13/2025	12:45	LB136801
	Zinc	1040	952	109	809	1095	08/13/2025	12:45	LB136801

METAL QC DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2826

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2828-01 **client id:** POWDERMS

Percent Solids for Sample: 99.4 **Spiked ID:** Q2828-01MS **Percent Solids for Spike Sample:** 99.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	9300		7750		82.1	1892		P
Antimony	mg/Kg	79 - 114	12.2		4.95		32.9	22	N	P
Arsenic	mg/Kg	82 - 111	17.9		5.28		32.9	38	N	P
Barium	mg/Kg	83 - 113	117		123		8.2	-68		P
Beryllium	mg/Kg	83 - 113	3.99		0.95		8.2	37	N	P
Cadmium	mg/Kg	82 - 113	12.5		4.95		8.2	93		P
Calcium	mg/Kg	81 - 116	10400		8670		41.1	4260		P
Chromium	mg/Kg	85 - 113	62.4		60.9		16.4	9	N	P
Cobalt	mg/Kg	85 - 112	47.2		40.3		8.2	84		P
Copper	mg/Kg	81 - 117	80.6		76.1		12.3	37		P
Iron	mg/Kg	81 - 118	10200		12000		120	-1436		P
Lead	mg/Kg	81 - 112	110		71.4		41.1	95		P
Magnesium	mg/Kg	78 - 115	1470		1200		82.1	323		P
Manganese	mg/Kg	84 - 114	219		207		8.2	147		P
Nickel	mg/Kg	83 - 113	157		143		20.5	70		P
Potassium	mg/Kg	81 - 116	551		309		410	59	N	P
Selenium	mg/Kg	78 - 111	30.0		0.51	J	82.1	36	N	P
Silver	mg/Kg	82 - 112	3.22		1.58		3.1	53	N	P
Sodium	mg/Kg	83 - 118	1030		872		120	128		P
Thallium	mg/Kg	83 - 111	67.0		0.43	J	82.1	81	N	P
Vanadium	mg/Kg	82 - 114	56.1		31.8		12.3	197	N	P
Zinc	mg/Kg	82 - 113	244		240		8.2	46		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2826

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2828-01 **client id:** POWDERMSD

Percent Solids for Sample: 99.4 **Spiked ID:** Q2828-01MSD **Percent Solids for Spike Sample:** 99.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	10600		7750		87.5	3219		P
Antimony	mg/Kg	79 - 114	10.5		4.95		35.0	16	N	P
Arsenic	mg/Kg	82 - 111	20.2		5.28		35.0	43	N	P
Barium	mg/Kg	83 - 113	120		123		8.7	-28		P
Beryllium	mg/Kg	83 - 113	4.64		0.95		8.7	43	N	P
Cadmium	mg/Kg	82 - 113	13.8		4.95		8.7	101		P
Calcium	mg/Kg	81 - 116	12400		8670		43.7	8468		P
Chromium	mg/Kg	85 - 113	76.4		60.9		17.5	88		P
Cobalt	mg/Kg	85 - 112	52.6		40.3		8.7	142		P
Copper	mg/Kg	81 - 117	84.2		76.1		13.1	61		P
Iron	mg/Kg	81 - 118	12600		12000		130	492		P
Lead	mg/Kg	81 - 112	116		71.4		43.7	102		P
Magnesium	mg/Kg	78 - 115	1710		1200		87.5	575		P
Manganese	mg/Kg	84 - 114	251		207		8.7	505		P
Nickel	mg/Kg	83 - 113	178		143		21.9	163		P
Potassium	mg/Kg	81 - 116	582		309		440	62	N	P
Selenium	mg/Kg	78 - 111	34.3		0.51	J	87.5	39	N	P
Silver	mg/Kg	82 - 112	3.45		1.58		3.3	57	N	P
Sodium	mg/Kg	83 - 118	1050		872		130	141		P
Thallium	mg/Kg	83 - 111	75.0		0.43	J	87.5	85		P
Vanadium	mg/Kg	82 - 114	41.4		31.8		13.1	73	N	P
Zinc	mg/Kg	82 - 113	250		240		8.7	115		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2826

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2831-01 **client id:** VNJ-238MS

Percent Solids for Sample: 93.1 **Spiked ID:** Q2831-01MS **Percent Solids for Spike Sample:** 93.1

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.29		0.037		0.26	97		CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2826

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2831-01 **client id:** VNJ-238MSD

Percent Solids for Sample: 93.1 **Spiked ID:** Q2831-01MSD **Percent Solids for Spike Sample:** 93.1

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.30		0.037		0.28	92		CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** POWDERA

Sample ID: Q2828-01 **Spiked ID:** Q2828-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	79 - 114	23.9		4.95		37.3	51	N	P
Arsenic	mg/Kg	82 - 111	23.2		5.28		37.3	48	N	P
Beryllium	mg/Kg	83 - 113	5.02		0.95		9.30	44	N	P
Chromium	mg/Kg	85 - 113	68.9		60.9		18.6	43	N	P
Potassium	mg/Kg	81 - 116	575		309		470	57	N	P
Selenium	mg/Kg	78 - 111	44.6		0.51	J	93.2	47	N	P
Silver	mg/Kg	82 - 112	3.46		1.58		3.50	54	N	P
Thallium	mg/Kg	83 - 111	80.5		0.43	J	93.2	86		P
Vanadium	mg/Kg	82 - 114	38.6		31.8		14.0	49	N	P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2828-01 **Client ID:** POWDERDUP

Percent Solids for Sample: 99.4 **Duplicate ID** Q2828-01DUP **Percent Solids for Spike Sample:** 99.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7750		7150		8		P
Antimony	mg/Kg	20	4.95		4.87		2		P
Arsenic	mg/Kg	20	5.28		5.00		5		P
Barium	mg/Kg	20	123		112		9		P
Beryllium	mg/Kg	20	0.95		0.88		7		P
Cadmium	mg/Kg	20	4.95		4.56		8		P
Calcium	mg/Kg	20	8670		8040		8		P
Chromium	mg/Kg	20	60.9		55.8		9		P
Cobalt	mg/Kg	20	40.3		36.8		9		P
Copper	mg/Kg	20	76.1		71.4		6		P
Iron	mg/Kg	20	12000		11000		9		P
Lead	mg/Kg	20	71.4		66.2		8		P
Magnesium	mg/Kg	20	1200		1120		7		P
Manganese	mg/Kg	20	207		192		8		P
Nickel	mg/Kg	20	143		131		9		P
Potassium	mg/Kg	20	309		285		8		P
Selenium	mg/Kg	20	0.51	J	0.58	J	14		P
Silver	mg/Kg	20	1.58		1.47		7		P
Sodium	mg/Kg	20	872		806		8		P
Thallium	mg/Kg	20	0.43	J	0.64	J	40		P
Vanadium	mg/Kg	20	31.8		29.6		7		P
Zinc	mg/Kg	20	240		222		8		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2828-01MS **Client ID:** POWDERMSD

Percent Solids for Sample: 99.4 **Duplicate ID** Q2828-01MSD **Percent Solids for Spike Sample:** 99.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	9300		10600		13		P
Antimony	mg/Kg	20	12.2		10.5		15		P
Arsenic	mg/Kg	20	17.9		20.2		12		P
Barium	mg/Kg	20	117		120		3		P
Beryllium	mg/Kg	20	3.99		4.64		15		P
Cadmium	mg/Kg	20	12.5		13.8		10		P
Calcium	mg/Kg	20	10400		12400		18		P
Chromium	mg/Kg	20	62.4		76.4		20		P
Cobalt	mg/Kg	20	47.2		52.6		11		P
Copper	mg/Kg	20	80.6		84.2		4		P
Iron	mg/Kg	20	10200		12600		21	*	P
Lead	mg/Kg	20	110		116		5		P
Magnesium	mg/Kg	20	1470		1710		15		P
Manganese	mg/Kg	20	219		251		14		P
Nickel	mg/Kg	20	157		178		13		P
Potassium	mg/Kg	20	551		582		5		P
Selenium	mg/Kg	20	30.0		34.3		13		P
Silver	mg/Kg	20	3.22		3.45		7		P
Sodium	mg/Kg	20	1030		1050		2		P
Thallium	mg/Kg	20	67.0		75.0		11		P
Vanadium	mg/Kg	20	56.1		41.4		30	*	P
Zinc	mg/Kg	20	244		250		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2831-01 **Client ID:** VNJ-238DUP

Percent Solids for Sample: 93.1 **Duplicate ID** Q2831-01DUP **Percent Solids for Spike Sample:** 93.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.037		0.040		8		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2831-01MS **Client ID:** VNJ-238MSD

Percent Solids for Sample: 93.1 **Duplicate ID** Q2831-01MSD **Percent Solids for Spike Sample:** 93.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.29		0.30		2		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169204BS							
Mercury	mg/Kg	0.27	0.23		85	80 - 124	CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169211BS							
Aluminum	mg/Kg	100	98.1		98	74 - 119	P
Antimony	mg/Kg	40.0	40.7		102	79 - 114	P
Arsenic	mg/Kg	40.0	39.2		98	82 - 111	P
Barium	mg/Kg	10.0	9.27		93	83 - 113	P
Beryllium	mg/Kg	10.0	9.71		97	83 - 113	P
Cadmium	mg/Kg	10.0	9.41		94	82 - 113	P
Calcium	mg/Kg	50.0	49.9	J	100	81 - 116	P
Chromium	mg/Kg	20.0	20.3		102	85 - 113	P
Cobalt	mg/Kg	10.0	9.68		97	85 - 112	P
Copper	mg/Kg	15.0	15.4		103	81 - 117	P
Iron	mg/Kg	150	151		101	81 - 118	P
Lead	mg/Kg	50.0	47.4		95	81 - 112	P
Magnesium	mg/Kg	100	97.2	J	97	78 - 115	P
Manganese	mg/Kg	10.0	9.87		99	84 - 114	P
Nickel	mg/Kg	25.0	24.4		98	83 - 113	P
Potassium	mg/Kg	500	486		97	81 - 116	P
Selenium	mg/Kg	100	99.5		100	78 - 111	P
Silver	mg/Kg	3.8	3.78		100	82 - 112	P
Sodium	mg/Kg	150	138		92	83 - 118	P
Thallium	mg/Kg	100	97.7		98	83 - 111	P
Vanadium	mg/Kg	15.0	15.0		100	82 - 114	P
Zinc	mg/Kg	10.0	10.3		103	82 - 113	P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

POWDERL

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136801 **Lab Sample ID :** Q2828-01L **SDG No.:** Q2826

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	7750		13300		71		P
Antimony	4.95		8.21	J	66		P
Arsenic	5.28		8.73		65		P
Barium	123		208		69		P
Beryllium	0.95		1.70		80		P
Cadmium	4.95		3.90		21		P
Calcium	8670		15400		77		P
Chromium	60.9		109		78		P
Cobalt	40.3		39.1		3		P
Copper	76.1		139		82		P
Iron	12000		20300		70		P
Lead	71.4		72.9		2		P
Magnesium	1200		2170		80		P
Manganese	207		372		80		P
Nickel	143		142		0		P
Potassium	309		468		51		P
Selenium	0.51	J	4.66	U	100.0		P
Silver	1.58		2.85		81		P
Sodium	872		1270		46		P
Thallium	0.43	J	1.28	J	199		P
Vanadium	31.8		56.3		77		P
Zinc	240		435		81		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

VNJ-238L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136782 **Lab Sample ID :** Q2831-01L **SDG No.:** Q2826

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.037		0.070	U	100.0		CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2826

Instrument id number: **Method:** **Run number:** LB136782

Start date: 08/12/2025 **End date:** 08/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0919	HG
S0.2	S0.2	1	0924	HG
S2.5	S2.5	1	0926	HG
S5	S5	1	0929	HG
S7.5	S7.5	1	0939	HG
S10	S10	1	0953	HG
ICV08	ICV08	1	0956	HG
ICB08	ICB08	1	1001	HG
CCV22	CCV22	1	1003	HG
CCB22	CCB22	1	1008	HG
CRA	CRA	1	1034	HG
PB169204BL	PB169204BL	1	1046	HG
PB169204BS	PB169204BS	1	1050	HG
CCV23	CCV23	1	1111	HG
CCB23	CCB23	1	1121	HG
Q2826-01	WC1	1	1138	HG
CCV24	CCV24	1	1151	HG
CCB24	CCB24	1	1154	HG
Q2831-01DUP	VNJ-238DUP	1	1208	HG
Q2831-01MS	VNJ-238MS	1	1210	HG
Q2831-01MSD	VNJ-238MSD	1	1212	HG
Q2831-01L	VNJ-238L	5	1215	HG
CCV25	CCV25	1	1232	HG
CCB25	CCB25	1	1237	HG
CCV26	CCV26	1	1255	HG
CCB26	CCB26	1	1300	HG

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2826

Instrument id number: **Method:** **Run number:** LB136801

Start date: 08/13/2025 **End date:** 08/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1156	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1200	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1204	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1228	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1233	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1241	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1245	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1258	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1303	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2828-01DUP	POWDERDUP	1	1312	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2828-01L	POWDERL	5	1316	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2828-01MS	POWDERMS	1	1320	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2828-01MSD	POWDERMSD	1	1325	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2828-01A	POWDERA	1	1330	Ag,As,Be,Cr,K,Sb,Se,Tl,V
CCV02	CCV02	1	1342	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1346	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1433	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1437	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169211BL	PB169211BL	1	1506	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169211BS	PB169211BS	1	1519	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1523	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1527	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1614	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1619	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2826-01	WC1	1	1635	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1705	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1709	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1746	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1750	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2826	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	--Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2826-01	**WC1**	**SOIL**			**08/11/25**			**08/11/25**
			Mercury	7471B		08/11/25	08/12/25	
			Metals ICP-TAL	6010D		08/12/25	08/13/25	

METAL PREPARATION & ANALYICAL SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169204**						
PB169204BL	PB169204BL	MB	SOLID	08/11/2025	0.51	35.0	100.00
PB169204BS	PB169204BS	LCS	SOLID	08/11/2025	0.51	35.0	100.00
Q2826-01	WC1	SAM	SOLID	08/11/2025	0.51	35.0	88.10
Q2831-01DUP	VNJ-238DUP	DUP	SOLID	08/11/2025	0.50	35.0	93.10
Q2831-01MS	VNJ-238MS	MS	SOLID	08/11/2025	0.57	35.0	93.10
Q2831-01MSD	VNJ-238MSD	MSD	SOLID	08/11/2025	0.54	35.0	93.10

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169211**						
PB169211BL	PB169211BL	MB	SOLID	08/12/2025	2.00	100.0	100.00
PB169211BS	PB169211BS	LCS	SOLID	08/12/2025	2.00	100.0	100.00
Q2826-01	WC1	SAM	SOLID	08/12/2025	2.19	100.0	88.10
Q2828-01DUP	POWDERDUP	DUP	SOLID	08/12/2025	2.33	100.0	99.40
Q2828-01MS	POWDERMS	MS	SOLID	08/12/2025	2.45	100.0	99.40
Q2828-01MSD	POWDERMSD	MSD	SOLID	08/12/2025	2.30	100.0	99.40

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136782

Review By	sagar	Review On	8/12/2025 1:34:59 PM
Supervise By	jaswal	Supervise On	8/12/2025 4:08:53 PM

STD. NAME	STD REF.#
ICAL Standard	MP86706,MP86707,MP86708,MP86709,MP86710,MP86711,MP86712
ICV Standard	MP86713
CCV Standard	MP86715
ICSA Standard	
CRI Standard	MP86717
LCS Standard	
Chk Standard	MP86714,MP86716,MP86718,MP86721

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/12/25 09:19		sagar	OK
2	S0.2	S0.2	CAL2	08/12/25 09:24		sagar	OK
3	S2.5	S2.5	CAL3	08/12/25 09:26		sagar	OK
4	S5	S5	CAL4	08/12/25 09:29		sagar	OK
5	S7.5	S7.5	CAL5	08/12/25 09:39		sagar	OK
6	S10	S10	CAL6	08/12/25 09:53		sagar	OK
7	ICV08	ICV08	ICV	08/12/25 09:56		sagar	OK
8	ICB08	ICB08	ICB	08/12/25 10:01		sagar	OK
9	CCV22	CCV22	CCV	08/12/25 10:03		sagar	OK
10	CCB22	CCB22	CCB	08/12/25 10:08		sagar	OK
11	CRA	CRA	CRDL	08/12/25 10:34		sagar	OK
12	HighStd	HighStd	HIGH STD	08/12/25 10:36		sagar	OK
13	ChkStd	ChkStd	SAM	08/12/25 10:41		sagar	OK
14	PB169204BL	PB169204BL	MB	08/12/25 10:46		sagar	OK
15	PB169204BS	PB169204BS	LCS	08/12/25 10:50		sagar	OK
16	Q2808-01	TP-7	SAM	08/12/25 10:57	High	sagar	Dilution
17	Q2809-01	OR-03-08082025	SAM	08/12/25 11:01		sagar	OK
18	Q2818-01	B-2-5-1	SAM	08/12/25 11:03		sagar	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136782

Review By	sagar	Review On	8/12/2025 1:34:59 PM
Supervise By	jaswal	Supervise On	8/12/2025 4:08:53 PM

STD. NAME	STD REF.#
ICAL Standard	MP86706,MP86707,MP86708,MP86709,MP86710,MP86711,MP86712
ICV Standard	MP86713
CCV Standard	MP86715
ICSA Standard	
CRI Standard	MP86717
LCS Standard	
Chk Standard	MP86714,MP86716,MP86718,MP86721

19	Q2818-02	B-3-5-2	SAM	08/12/25 11:06		sagar	OK
20	Q2819-06	11M-S	SAM	08/12/25 11:08		sagar	OK
21	CCV23	CCV23	CCV	08/12/25 11:11		sagar	OK
22	CCB23	CCB23	CCB	08/12/25 11:21		sagar	OK
23	Q2819-11	84SB-W	SAM	08/12/25 11:25		sagar	OK
24	Q2819-14	17M-W	SAM	08/12/25 11:27		sagar	OK
25	Q2820-09	705R-S	SAM	08/12/25 11:29		sagar	OK
26	Q2820-10	SOIL-DUP-2	SAM	08/12/25 11:31		sagar	OK
27	Q2820-24	22M-S	SAM	08/12/25 11:34		sagar	OK
28	Q2823-01	SU-04-081125	SAM	08/12/25 11:36		sagar	OK
29	Q2826-01	WC1	SAM	08/12/25 11:38		sagar	OK
30	Q2827-01	TP-8	SAM	08/12/25 11:41	High	sagar	Dilution
31	Q2827-05	TP-9	SAM	08/12/25 11:43		sagar	OK
32	Q2828-01	POWDER	SAM	08/12/25 11:46		sagar	OK
33	CCV24	CCV24	CCV	08/12/25 11:51		sagar	OK
34	CCB24	CCB24	CCB	08/12/25 11:54		sagar	OK
35	Q2830-01	BIN0009-DRIVEWAY-	SAM	08/12/25 11:56		sagar	OK
36	Q2830-03	BIN0009-DRIVEWAY-	SAM	08/12/25 11:59		sagar	OK
37	Q2830-05	BIN0009-DRIVEWAY-	SAM	08/12/25 12:01		sagar	OK
38	Q2830-07	BIN0009-DRIVEWAY-	SAM	08/12/25 12:03		sagar	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136782

Review By	sagar	Review On	8/12/2025 1:34:59 PM
Supervise By	jaswal	Supervise On	8/12/2025 4:08:53 PM

STD. NAME	STD REF.#
ICAL Standard	MP86706,MP86707,MP86708,MP86709,MP86710,MP86711,MP86712
ICV Standard	MP86713
CCV Standard	MP86715
ICSA Standard	
CRI Standard	MP86717
LCS Standard	
Chk Standard	MP86714,MP86716,MP86718,MP86721

39	Q2831-01	VNJ-238	SAM	08/12/25 12:06		sagar	OK
40	Q2831-01DUP	VNJ-238DUP	DUP	08/12/25 12:08		sagar	OK
41	Q2831-01MS	VNJ-238MS	MS	08/12/25 12:10		sagar	OK
42	Q2831-01MSD	VNJ-238MSD	MSD	08/12/25 12:12		sagar	OK
43	Q2831-01L	VNJ-238L	SD	08/12/25 12:15		sagar	OK
44	Q2831-01A	VNJ-238A	PS	08/12/25 12:17		sagar	OK
45	CCV25	CCV25	CCV	08/12/25 12:32		sagar	OK
46	CCB25	CCB25	CCB	08/12/25 12:37		sagar	OK
47	Q2808-01DL	TP-7DL	SAM	08/12/25 12:44	Report 100X	sagar	Confirms
48	Q2827-01DL	TP-8DL	SAM	08/12/25 12:47	Report 10X	sagar	Confirms
49	CCV26	CCV26	CCV	08/12/25 12:55		sagar	OK
50	CCB26	CCB26	CCB	08/12/25 13:00		sagar	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/13/25 11:56		Jaswal	OK
2	S1	S1	CAL2	08/13/25 12:00		Jaswal	OK
3	S2	S2	CAL3	08/13/25 12:04		Jaswal	OK
4	S3	S3	CAL4	08/13/25 12:08		Jaswal	OK
5	S4	S4	CAL5	08/13/25 12:12		Jaswal	OK
6	S5	S5	CAL6	08/13/25 12:17		Jaswal	OK
7	ICV01	ICV01	ICV	08/13/25 12:21		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/13/25 12:28		Jaswal	OK
9	ICB01	ICB01	ICB	08/13/25 12:33		Jaswal	OK
10	CRI01	CRI01	CRDL	08/13/25 12:37		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/13/25 12:41		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/13/25 12:45		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/13/25 12:49		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/13/25 12:54		Jaswal	OK
15	CCV01	CCV01	CCV	08/13/25 12:58		Jaswal	OK
16	CCB01	CCB01	CCB	08/13/25 13:03		Jaswal	OK
17	Q2828-01	POWDER	SAM	08/13/25 13:07		Jaswal	OK
18	Q2828-01DUP	POWDERDUP	DUP	08/13/25 13:12		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

19	Q2828-01L	POWDERL	SD	08/13/25 13:16		Jaswal	OK
20	Q2828-01MS	POWDERMS	MS	08/13/25 13:20		Jaswal	OK
21	Q2828-01MSD	POWDERMSD	MSD	08/13/25 13:25		Jaswal	OK
22	Q2828-01A	POWDERA	PS	08/13/25 13:30	0.1 ml of each M6004 and M6017 in 10ml sample	Jaswal	OK
23	CCV02	CCV02	CCV	08/13/25 13:42		Jaswal	OK
24	CCB02	CCB02	CCB	08/13/25 13:46		Jaswal	OK
25	Q2830-01	BIN0009-DRIVEWAY-	SAM	08/13/25 13:50		Jaswal	OK
26	Q2830-03	BIN0009-DRIVEWAY-	SAM	08/13/25 13:55		Jaswal	OK
27	Q2830-05	BIN0009-DRIVEWAY-	SAM	08/13/25 13:59		Jaswal	OK
28	Q2830-07	BIN0009-DRIVEWAY-	SAM	08/13/25 14:03		Jaswal	OK
29	Q2831-01	VNJ-238	SAM	08/13/25 14:07		Jaswal	OK
30	Q2818-01	B-2-5-1	SAM	08/13/25 14:11		Jaswal	OK
31	Q2818-02	B-3-5-2	SAM	08/13/25 14:16		Jaswal	OK
32	Q2823-01	SU-04-081125	SAM	08/13/25 14:20		Jaswal	OK
33	Q2831-03	VNJ-238	SAM	08/13/25 14:24		Jaswal	OK
34	Q2831-03DUP	VNJ-238DUP	DUP	08/13/25 14:28		Jaswal	OK
35	CCV03	CCV03	CCV	08/13/25 14:33		Jaswal	OK
36	CCB03	CCB03	CCB	08/13/25 14:37		Jaswal	OK
37	Q2831-03L	VNJ-238L	SD	08/13/25 14:41		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

38	Q2831-03MS	VNJ-238MS	MS	08/13/25 14:46		Jaswal	OK
39	Q2831-03MSD	VNJ-238MSD	MSD	08/13/25 14:50		Jaswal	OK
40	Q2831-03A	VNJ-238A	PS	08/13/25 14:54	0.1 ml of each M6004 and M6017 in 10ml sample	Jaswal	OK
41	PB169214BL	PB169214BL	MB	08/13/25 14:58		Jaswal	OK
42	PB169214BS	PB169214BS	LCS	08/13/25 15:02		Jaswal	OK
43	PB169211BL	PB169211BL	MB	08/13/25 15:06		Jaswal	OK
44	PB169215BL	PB169215BL	MB	08/13/25 15:15		Jaswal	OK
45	PB169211BS	PB169211BS	LCS	08/13/25 15:19		Jaswal	OK
46	CCV04	CCV04	CCV	08/13/25 15:23		Jaswal	OK
47	CCB04	CCB04	CCB	08/13/25 15:27		Jaswal	OK
48	PB169200TB	PB169200TB	MB	08/13/25 15:31		Jaswal	OK
49	Q2808-04	TP-7	SAM	08/13/25 15:36		Jaswal	OK
50	Q2826-02	WC1	SAM	08/13/25 15:40		Jaswal	OK
51	Q2827-04	TP-8	SAM	08/13/25 15:45		Jaswal	OK
52	Q2827-08	TP-9	SAM	08/13/25 15:49		Jaswal	OK
53	Q2808-01	TP-7	SAM	08/13/25 15:53		Jaswal	OK
54	Q2817-01	LEAD-PAINT-CHIPS	SAM	08/13/25 15:58		Jaswal	OK
55	Q2819-06	11M-S	SAM	08/13/25 16:02		Jaswal	OK
56	Q2819-11	84SB-W	SAM	08/13/25 16:06		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

57	Q2819-14	17M-W	SAM	08/13/25 16:10		Jaswal	OK
58	CCV05	CCV05	CCV	08/13/25 16:14		Jaswal	OK
59	CCB05	CCB05	CCB	08/13/25 16:19		Jaswal	OK
60	Q2820-09	705R-S	SAM	08/13/25 16:23		Jaswal	OK
61	Q2820-10	SOIL-DUP-2	SAM	08/13/25 16:27		Jaswal	OK
62	Q2820-24	22M-S	SAM	08/13/25 16:31		Jaswal	OK
63	Q2826-01	WC1	SAM	08/13/25 16:35		Jaswal	OK
64	Q2827-01	TP-8	SAM	08/13/25 16:39		Jaswal	OK
65	Q2827-05	TP-9	SAM	08/13/25 16:44		Jaswal	OK
66	Q2829-01	SILICA	SAM	08/13/25 16:48		Jaswal	OK
67	Q2832-09	TG-S05	SAM	08/13/25 16:52		Jaswal	OK
68	Q2832-09DUP	TG-S05DUP	DUP	08/13/25 16:56		Jaswal	OK
69	Q2832-09L	TG-S05L	SD	08/13/25 17:00		Jaswal	OK
70	CCV06	CCV06	CCV	08/13/25 17:05		Jaswal	OK
71	CCB06	CCB06	CCB	08/13/25 17:09		Jaswal	OK
72	Q2832-09MS	TG-S05MS	MS	08/13/25 17:13		Jaswal	OK
73	Q2832-09MSD	TG-S05MSD	MSD	08/13/25 17:17		Jaswal	OK
74	Q2832-09A	TG-S05A	PS	08/13/25 17:21	0.1 ml of each M6004 and M6017 in 10ml sample	Jaswal	OK
75	Q2832-03	TG-S02	SAM	08/13/25 17:25		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

76	Q2832-05	TG-S03	SAM	08/13/25 17:29		Jaswal	OK
77	Q2832-07	TG-S04	SAM	08/13/25 17:33		Jaswal	OK
78	PB169215BS	PB169215BS	LCS	08/13/25 17:42		Jaswal	OK
79	CCV07	CCV07	CCV	08/13/25 17:46		Jaswal	OK
80	CCB07	CCB07	CCB	08/13/25 17:50		Jaswal	OK

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB169204

SOP ID : M7471B-Mercury-19

SDG No : N/A

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 08/11/2025 **Time :** 16:30 **Temp :** 95 °C

End Digest Date: 08/11/2025 **Time :** 16:40 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: SJ

Supervisor Signature: SD

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86713
CCV	30mL	MP86715
CRA	30mL	MP86717
Blank Spike	0.48mL	MP86706
Matrix Spike	0.48mL	MP86706

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	2.5mL	MP86719
KMnO4 (5%)	4.5mL	MP85893
Hydroxylamine HCL (12%)	2.0mL	MP85895
PTFE Boiling Stones	----------	M5582
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86707
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86708
2.5 ppb	S2.5	30mL	MP86709
5.0 ppb	S5.0	30mL	MP86710
7.5 ppb	S7.5	30mL	MP86711
10.0 ppb	S10.0	30mL	MP86712
ICV	ICV	30mL	MP86713
ICB	ICB	30mL	MP86714
CCV	CCV	30mL	MP86715
CCB	CCB	30mL	MP86716
CRI	CRI	30mL	MP86717
CHK STD	CHK STD	30mL	MP86718

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/11/25 16:50	SJ/LS wet dig	SJ (Prep Lab)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB169204

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB169204BL	PBS204	0.51	35	N/A	N/A	1-1
PB169204BS	LCS204	0.51	35	N/A	MP86706	2
Q2808-01	TP-7	0.53	35	N/A	N/A	3
Q2809-01	OR-03-08082025	0.55	35	N/A	N/A	4
Q2818-01	B-2-5-1	0.52	35	N/A	N/A	5
Q2818-02	B-3-5-2	0.53	35	N/A	N/A	6
Q2819-06	11M-S	0.55	35	N/A	N/A	7
Q2819-11	84SB-W	0.56	35	N/A	N/A	8
Q2819-14	17M-W	0.52	35	N/A	N/A	9
Q2820-09	705R-S	0.54	35	N/A	N/A	10
Q2820-10	SOIL-DUP-2	0.51	35	N/A	N/A	11
Q2820-24	22M-S	0.51	35	N/A	N/A	12
Q2823-01	SU-04-081125	0.52	35	N/A	N/A	13
Q2826-01	WC1	0.51	35	N/A	N/A	14
Q2827-01	TP-8	0.59	35	N/A	N/A	15
Q2827-05	TP-9	0.57	35	N/A	N/A	16
Q2828-01	POWDER	0.56	35	N/A	N/A	17
Q2830-01	BIN0009-DRIVEWAY-TP-SOUTH-EAST	0.53	35	N/A	N/A	18
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	0.56	35	N/A	N/A	19
Q2830-05	BIN0009-DRIVEWAY-TP-WESTSIDE	0.55	35	N/A	N/A	20
Q2830-07	BIN0009-DRIVEWAY-TP-EASTSIDE	0.58	35	N/A	N/A	21
Q2831-01	VNJ-238	0.54	35	N/A	N/A	22
Q2831-01MS	VNJ-238MS	0.57	35	N/A	MP86706	24
Q2831-01MSD	VNJ-238MSD	0.54	35	N/A	MP86706	25
Q2831-01DUP	VNJ-238DUP	0.50	35	N/A	N/A	23

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB169211

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #5 2. N/A

Start Digest Date: 08/12/2025 **Time :** 12:55 **Temp :** 97 °C

End Digest Date: 08/12/2025 **Time :** 14:55 **Temp :** 98 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: SLG.

Supervisor Signature: JSP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6180
LFS-2	1.00	M6181
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	5.00	M6158
1:1 HNO3	10.00	MP86404
30% H2O2	3.00	M6170
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#5 CELL#35 97C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/12/25 15:55	SLG met dig	JSP / Met Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB169211BL	PBS211	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB169211BS	LCS211	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6180,M6181	2
Q2808-01	TP-7	N/A	2.42	100	Brown	Yellow	Medium	N/A	N/A	3
Q2809-01	OR-03-08082025	N/A	2.34	100	Brown	Yellow	Medium	N/A	N/A	4
Q2817-01	LEAD-PAINT-CHIPS	N/A	2.27	100	Brown	Yellow	Medium	N/A	N/A	5
Q2818-01	B-2-5-1	N/A	2.34	100	Brown	Yellow	Medium	N/A	N/A	6
Q2818-02	B-3-5-2	N/A	2.33	100	Brown	Yellow	Medium	N/A	N/A	7
Q2819-06	11M-S	N/A	2.32	100	Brown	Yellow	Medium	N/A	N/A	8
Q2819-11	84SB-W	N/A	2.37	100	Brown	Yellow	Medium	N/A	N/A	9
Q2819-14	17M-W	N/A	2.36	100	Brown	Yellow	Medium	N/A	N/A	10
Q2820-09	705R-S	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	11
Q2820-10	SOIL-DUP-2	N/A	2.17	100	Brown	Yellow	Medium	N/A	N/A	12
Q2820-24	22M-S	N/A	2.24	100	Brown	Yellow	Medium	N/A	N/A	13
Q2823-01	SU-04-081125	N/A	2.47	100	Brown	Yellow	Medium	N/A	N/A	14
Q2826-01	WC1	N/A	2.19	100	Brown	Yellow	Medium	N/A	N/A	15
Q2827-01	TP-8	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	16
Q2827-05	TP-9	N/A	2.32	100	Brown	Yellow	Medium	N/A	N/A	17
Q2828-01	POWDER	N/A	2.16	100	Brown	Yellow	Medium	N/A	N/A	18
Q2828-01MS	POWDERMS	N/A	2.45	100	Brown	Yellow	Medium	N/A	M6180,M6181	20
Q2828-01MSD	POWDERMSD	N/A	2.30	100	Brown	Yellow	Medium	N/A	M6180,M6181	21
Q2828-01DUP	POWDERDUP	N/A	2.33	100	Brown	Yellow	Medium	N/A	N/A	19

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2826 **Order ID:** Q2826

Client: G Environmental **Project ID:** Ave B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q2826-02	WC1	TCLP	Barium	816		72.8	500	ug/L
Q2826-02	WC1	TCLP	Cadmium	37.1		2.50	30.0	ug/L
Q2826-02	WC1	TCLP	Chromium	154		10.6	50.0	ug/L

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7440-39-3	Barium	816	N*	1	72.8	500	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7440-43-9	Cadmium	37.1		1	2.50	30.0	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7440-47-3	Chromium	154		1	10.6	50.0	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	08/12/25 12:30	08/13/25 11:40	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP METALS				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB12	Mercury	0.076	+/-0.2	U	0.20	CV	08/13/2025	11:19	LB136797

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB35	Mercury	0.076	+/-0.2	U	0.20	CV	08/13/2025	11:24	LB136797
CCB36	Mercury	0.076	+/-0.2	U	0.20	CV	08/13/2025	11:51	LB136797
CCB37	Mercury	0.076	+/-0.2	U	0.20	CV	08/13/2025	12:10	LB136797

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	12:33	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	12:33	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	12:33	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	12:33	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	12:33	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	12:33	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	12:33	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	13:03	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	13:03	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	13:03	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	13:03	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	13:03	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	13:03	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	13:03	LB136801
CCB02	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	13:46	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	13:46	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	13:46	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	13:46	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	13:46	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	13:46	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	13:46	LB136801
CCB03	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	14:37	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	14:37	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	14:37	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	14:37	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	14:37	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	14:37	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	14:37	LB136801
CCB04	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	15:27	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	15:27	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	15:27	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	15:27	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	15:27	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	15:27	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	15:27	LB136801
CCB05	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	16:19	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	16:19	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	16:19	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	16:19	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	16:19	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	16:19	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	16:19	LB136801
CCB06	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	17:09	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	17:09	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	17:09	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	17:09	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	12.0	P	08/13/2025	17:09	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	17:09	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	17:09	LB136801
CCB07	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	17:50	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	17:50	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	17:50	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	17:50	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	17:50	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	17:50	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	17:50	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169200TB		**WATER**		**Batch Number:**	**PB169233**		**Prep Date:**	**08/12/2025**	
	Mercury	0.76	<2	U	2.00	CV	08/13/2025	12:05	LB136797

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169233BL		**WATER**		**Batch Number:**	**PB169233**		**Prep Date:**	**08/12/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	08/13/2025	11:33	LB136797

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2826

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169200TB		**WATER**		**Batch Number:**	**PB169214**		**Prep Date:**	**08/12/2025**	
	Arsenic	25.6	<50	U	100	P	08/13/2025	15:31	LB136801
	Barium	72.8	<250	U	500	P	08/13/2025	15:31	LB136801
	Cadmium	2.50	<15	U	30.0	P	08/13/2025	15:31	LB136801
	Chromium	10.6	<25	U	50.0	P	08/13/2025	15:31	LB136801
	Lead	11.5	<30	U	60.0	P	08/13/2025	15:31	LB136801
	Selenium	48.2	<50	U	100	P	08/13/2025	15:31	LB136801
	Silver	8.10	<25	U	50.0	P	08/13/2025	15:31	LB136801

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169214BL		**WATER**		**Batch Number:**	**PB169214**		**Prep Date:**	**08/12/2025**	
	Arsenic	25.6	<50	U	100	P	08/13/2025	14:58	LB136801
	Barium	72.8	<250	U	500	P	08/13/2025	14:58	LB136801
	Cadmium	2.50	<15	U	30.0	P	08/13/2025	14:58	LB136801
	Chromium	10.6	<25	U	50.0	P	08/13/2025	14:58	LB136801
	Lead	11.5	<30	U	60.0	P	08/13/2025	14:58	LB136801
	Selenium	48.2	<50	U	100	P	08/13/2025	14:58	LB136801
	Silver	8.10	<25	U	50.0	P	08/13/2025	14:58	LB136801

METAL CALIBRATION DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV12	Mercury	4.10	4.0	103	90 - 110	CV	08/13/2025	11:10	LB136797

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV35	Mercury	5.06	5.0	101	90 - 110	CV	08/13/2025	11:22	LB136797
CCV36	Mercury	4.95	5.0	99	90 - 110	CV	08/13/2025	11:49	LB136797
CCV37	Mercury	4.96	5.0	99	90 - 110	CV	08/13/2025	12:08	LB136797

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3870	4000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Barium	7790	8000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Cadmium	1920	2000	96	90 - 110	P	08/13/2025	12:21	LB136801
	Chromium	788	800	98	90 - 110	P	08/13/2025	12:21	LB136801
	Lead	3770	4000	94	90 - 110	P	08/13/2025	12:21	LB136801
	Selenium	3880	4000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Silver	1030	1000	103	90 - 110	P	08/13/2025	12:21	LB136801

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	21.3	20.0	106	80 - 120	P	08/13/2025	12:28	LB136801
	Barium	94.7	100	95	80 - 120	P	08/13/2025	12:28	LB136801
	Cadmium	5.59	6.0	93	80 - 120	P	08/13/2025	12:28	LB136801
	Chromium	10.5	10.0	105	80 - 120	P	08/13/2025	12:28	LB136801
	Lead	11.2	12.0	93	80 - 120	P	08/13/2025	12:28	LB136801
	Selenium	19.2	20.0	96	80 - 120	P	08/13/2025	12:28	LB136801
	Silver	10.1	10.0	101	80 - 120	P	08/13/2025	12:28	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	4900	5000	98	90 - 110	P	08/13/2025	12:58	LB136801
	Barium	9640	10000	96	90 - 110	P	08/13/2025	12:58	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	12:58	LB136801
	Chromium	1000	1000	100	90 - 110	P	08/13/2025	12:58	LB136801
	Lead	4860	5000	97	90 - 110	P	08/13/2025	12:58	LB136801
	Selenium	4930	5000	98	90 - 110	P	08/13/2025	12:58	LB136801
	Silver	1230	1250	99	90 - 110	P	08/13/2025	12:58	LB136801
CCV02	Arsenic	4950	5000	99	90 - 110	P	08/13/2025	13:42	LB136801
	Barium	9660	10000	97	90 - 110	P	08/13/2025	13:42	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	13:42	LB136801
	Chromium	987	1000	99	90 - 110	P	08/13/2025	13:42	LB136801
	Lead	4850	5000	97	90 - 110	P	08/13/2025	13:42	LB136801
	Selenium	4980	5000	100	90 - 110	P	08/13/2025	13:42	LB136801
	Silver	1240	1250	99	90 - 110	P	08/13/2025	13:42	LB136801
CCV03	Arsenic	4990	5000	100	90 - 110	P	08/13/2025	14:33	LB136801
	Barium	9670	10000	97	90 - 110	P	08/13/2025	14:33	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	14:33	LB136801
	Chromium	993	1000	99	90 - 110	P	08/13/2025	14:33	LB136801
	Lead	4860	5000	97	90 - 110	P	08/13/2025	14:33	LB136801
	Selenium	5020	5000	100	90 - 110	P	08/13/2025	14:33	LB136801
	Silver	1240	1250	99	90 - 110	P	08/13/2025	14:33	LB136801
CCV04	Arsenic	5010	5000	100	90 - 110	P	08/13/2025	15:23	LB136801
	Barium	9660	10000	97	90 - 110	P	08/13/2025	15:23	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	15:23	LB136801
	Chromium	991	1000	99	90 - 110	P	08/13/2025	15:23	LB136801
	Lead	4860	5000	97	90 - 110	P	08/13/2025	15:23	LB136801
	Selenium	5070	5000	101	90 - 110	P	08/13/2025	15:23	LB136801
	Silver	1240	1250	99	90 - 110	P	08/13/2025	15:23	LB136801
CCV05	Arsenic	5010	5000	100	90 - 110	P	08/13/2025	16:14	LB136801
	Barium	9840	10000	98	90 - 110	P	08/13/2025	16:14	LB136801
	Cadmium	2400	2500	96	90 - 110	P	08/13/2025	16:14	LB136801
	Chromium	991	1000	99	90 - 110	P	08/13/2025	16:14	LB136801
	Lead	4810	5000	96	90 - 110	P	08/13/2025	16:14	LB136801
	Selenium	5070	5000	101	90 - 110	P	08/13/2025	16:14	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1250	1250	100	90 - 110	P	08/13/2025	16:14	LB136801
CCV06	Arsenic	5040	5000	101	90 - 110	P	08/13/2025	17:05	LB136801
	Barium	9810	10000	98	90 - 110	P	08/13/2025	17:05	LB136801
	Cadmium	2420	2500	97	90 - 110	P	08/13/2025	17:05	LB136801
	Chromium	988	1000	99	90 - 110	P	08/13/2025	17:05	LB136801
	Lead	4850	5000	97	90 - 110	P	08/13/2025	17:05	LB136801
	Selenium	5150	5000	103	90 - 110	P	08/13/2025	17:05	LB136801
	Silver	1260	1250	100	90 - 110	P	08/13/2025	17:05	LB136801
CCV07	Arsenic	5060	5000	101	90 - 110	P	08/13/2025	17:46	LB136801
	Barium	9850	10000	98	90 - 110	P	08/13/2025	17:46	LB136801
	Cadmium	2440	2500	98	90 - 110	P	08/13/2025	17:46	LB136801
	Chromium	1010	1000	101	90 - 110	P	08/13/2025	17:46	LB136801
	Lead	4880	5000	98	90 - 110	P	08/13/2025	17:46	LB136801
	Selenium	5160	5000	103	90 - 110	P	08/13/2025	17:46	LB136801
	Silver	1260	1250	100	90 - 110	P	08/13/2025	17:46	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.20	0.2	101	70 - 130	CV	08/13/2025	11:26	LB136797
CRI01	Arsenic	20.6	20.0	103	65 - 135	P	08/13/2025	12:37	LB136801
	Barium	93.9	100	94	65 - 135	P	08/13/2025	12:37	LB136801
	Cadmium	5.49	6.0	92	65 - 135	P	08/13/2025	12:37	LB136801
	Chromium	10.00	10.0	100	65 - 135	P	08/13/2025	12:37	LB136801
	Lead	10.0	12.0	83	65 - 135	P	08/13/2025	12:37	LB136801
	Selenium	21.1	20.0	106	65 - 135	P	08/13/2025	12:37	LB136801
	Silver	10.3	10.0	103	65 - 135	P	08/13/2025	12:37	LB136801

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	13.5			-20	20	08/13/2025	12:41	LB136801
	Barium	-0.47	6.0	8	-94	106	08/13/2025	12:41	LB136801
	Cadmium	2.33	1.0	233	-5	7	08/13/2025	12:41	LB136801
	Chromium	58.2	52.0	112	42	62	08/13/2025	12:41	LB136801
	Lead	-6.38			-12	12	08/13/2025	12:41	LB136801
	Selenium	2.91			-20	20	08/13/2025	12:41	LB136801
	Silver	2.33			-10	10	08/13/2025	12:41	LB136801
ICSAB01	Arsenic	111	104	107	88.4	120	08/13/2025	12:45	LB136801
	Barium	492	537	92	437	637	08/13/2025	12:45	LB136801
	Cadmium	994	972	102	826	1120	08/13/2025	12:45	LB136801
	Chromium	558	542	103	460	624	08/13/2025	12:45	LB136801
	Lead	42.2	49.0	86	37	61	08/13/2025	12:45	LB136801
	Selenium	50.5	46.0	110	26	66	08/13/2025	12:45	LB136801
	Silver	216	201	108	170	232	08/13/2025	12:45	LB136801

METAL QC DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2826

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q2831-03 **client id:** VNJ-238MS

Percent Solids for Sample: NA **Spiked ID:** Q2831-03MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4230		100	U	4000	106		P
Barium	ug/L	75 - 125	1910		1260		1000	65	N	P
Cadmium	ug/L	75 - 125	1010		4.99	J	1000	101		P
Chromium	ug/L	75 - 125	2100		50.0	U	2000	105		P
Lead	ug/L	75 - 125	4830		36.2	J	5000	96		P
Mercury	ug/L	75 - 125	41.3		2.00	U	40.0	103		CV
Selenium	ug/L	75 - 125	10500		100	U	10000	105		P
Silver	ug/L	75 - 125	388		50.0	U	380	102		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2826

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q2831-03 **client id:** VNJ-238MSD

Percent Solids for Sample: NA **Spiked ID:** Q2831-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4120		100	U	4000	103		P
Barium	ug/L	75 - 125	2040		1260		1000	78		P
Cadmium	ug/L	75 - 125	989		4.99	J	1000	98		P
Chromium	ug/L	75 - 125	2070		50.0	U	2000	104		P
Lead	ug/L	75 - 125	4680		36.2	J	5000	93		P
Mercury	ug/L	75 - 125	41.7		2.00	U	40.0	104		CV
Selenium	ug/L	75 - 125	10400		100	U	10000	104		P
Silver	ug/L	75 - 125	381		50.0	U	380	100		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** VNJ-238A

Sample ID: Q2831-03 **Spiked ID:** Q2831-03A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	75 - 125	2080		1260		1000	81		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2831-03 **Client ID:** VNJ-238DUP

Percent Solids for Sample: NA **Duplicate ID** Q2831-03DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	1260		683		59	*	P
Cadmium	ug/L	20	4.99	J	30.0	U	200.0		P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	36.2	J	17.5	J	70		P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2831-03MS **Client ID:** VNJ-238MSD

Percent Solids for Sample: NA **Duplicate ID** Q2831-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4230		4120		3		P
Barium	ug/L	20	1910		2040		7		P
Cadmium	ug/L	20	1010		989		2		P
Chromium	ug/L	20	2100		2070		1		P
Lead	ug/L	20	4830		4680		3		P
Mercury	ug/L	20	41.3		41.7		1		CV
Selenium	ug/L	20	10500		10400		1		P
Silver	ug/L	20	388		381		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169214BS							
Arsenic	ug/L	4000	3970		99	80 - 120	P
Barium	ug/L	1000	945		94	80 - 120	P
Cadmium	ug/L	1000	950		95	80 - 120	P
Chromium	ug/L	2000	2050		102	80 - 120	P
Lead	ug/L	5000	4780		96	80 - 120	P
Selenium	ug/L	10000	10100		101	80 - 120	P
Silver	ug/L	380	383		101	80 - 120	P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169233BS							
Mercury	ug/L	4.0	4.02		100	80 - 120	CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

VNJ-238L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136801 **Lab Sample ID :** Q2831-03L **SDG No.:** Q2826

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	100	U	500	U			P
Barium	1260		1140	J	10		P
Cadmium	4.99	J	150	U	100.0		P
Chromium	50.0	U	250	U			P
Lead	36.2	J	300	U	100.0		P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2826

Instrument id number: **Method:** **Run number:** LB136797

Start date: 08/13/2025 **End date:** 08/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1055	HG
S0.2	S0.2	1	1057	HG
S2.5	S2.5	1	1059	HG
S5	S5	1	1102	HG
S7.5	S7.5	1	1104	HG
S10	S10	1	1106	HG
ICV12	ICV12	1	1110	HG
ICB12	ICB12	1	1119	HG
CCV35	CCV35	1	1122	HG
CCB35	CCB35	1	1124	HG
CRA	CRA	1	1126	HG
PB169233BL	PB169233BL	1	1133	HG
PB169233BS	PB169233BS	1	1135	HG
Q2826-02	WC1	1	1140	HG
CCV36	CCV36	1	1149	HG
CCB36	CCB36	1	1151	HG
Q2831-03DUP	VNJ-238DUP	1	1154	HG
Q2831-03MS	VNJ-238MS	1	1156	HG
Q2831-03MSD	VNJ-238MSD	1	1158	HG
Q2831-03L	VNJ-238L	5	1201	HG
PB169200TB	PB169200TB	1	1205	HG
CCV37	CCV37	1	1208	HG
CCB37	CCB37	1	1210	HG

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2826

Instrument id number: **Method:** **Run number:** LB136801

Start date: 08/13/2025 **End date:** 08/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1156	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1200	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1204	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1208	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1212	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1217	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1221	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1228	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1233	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1237	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1241	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1245	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1258	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1303	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1342	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1346	Ag,As,Ba,Cd,Cr,Pb,Se
Q2831-03DUP	VNJ-238DUP	1	1428	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1433	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1437	Ag,As,Ba,Cd,Cr,Pb,Se
Q2831-03L	VNJ-238L	5	1441	Ag,As,Ba,Cd,Cr,Pb,Se
Q2831-03MS	VNJ-238MS	1	1446	Ag,As,Ba,Cd,Cr,Pb,Se
Q2831-03MSD	VNJ-238MSD	1	1450	Ag,As,Ba,Cd,Cr,Pb,Se
Q2831-03A	VNJ-238A	1	1454	Ba
PB169214BL	PB169214BL	1	1458	Ag,As,Ba,Cd,Cr,Pb,Se
PB169214BS	PB169214BS	1	1502	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1523	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1527	Ag,As,Ba,Cd,Cr,Pb,Se
PB169200TB	PB169200TB	1	1531	Ag,As,Ba,Cd,Cr,Pb,Se
Q2826-02	WC1	1	1540	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1614	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1619	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1705	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1709	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1746	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1750	Ag,As,Ba,Cd,Cr,Pb,Se

METAL PREPARATION & INSTRUMENT DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2826	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	--Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2826-01	**WC1**	**SOIL**			**08/11/25**			**08/11/25**
			Mercury	7471B		08/11/25	08/12/25	
			Metals ICP-TAL	6010D		08/12/25	08/13/25	
Q2826-02	**WC1**	**TCLP**			**08/11/25**			**08/11/25**
			TCLP ICP Metals	6010D		08/12/25	08/13/25	
			TCLP Mercury	7470A		08/12/25	08/13/25	

METAL PREPARATION & ANALYICAL SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169214**						
PB169200TB	PB169200TB	MB	WATER	08/12/2025	5.0	25.0	
PB169214BL	PB169214BL	MB	WATER	08/12/2025	5.0	25.0	
PB169214BS	PB169214BS	LCS	WATER	08/12/2025	5.0	25.0	
Q2826-02	WC1	SAM	WATER	08/12/2025	5.0	25.0	
Q2831-03DUP	VNJ-238DUP	DUP	WATER	08/12/2025	5.0	25.0	
Q2831-03MS	VNJ-238MS	MS	WATER	08/12/2025	5.0	25.0	
Q2831-03MSD	VNJ-238MSD	MSD	WATER	08/12/2025	5.0	25.0	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2826

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169233**						
PB169200TB	PB169200TB	MB	WATER	08/12/2025	3.0	30.0	
PB169233BL	PB169233BL	MB	WATER	08/12/2025	30.0	30.0	
PB169233BS	PB169233BS	LCS	WATER	08/12/2025	30.0	30.0	
Q2826-02	WC1	SAM	WATER	08/12/2025	3.0	30.0	
Q2831-03DUP	VNJ-238DUP	DUP	WATER	08/12/2025	3.0	30.0	
Q2831-03MS	VNJ-238MS	MS	WATER	08/12/2025	3.0	30.0	
Q2831-03MSD	VNJ-238MSD	MSD	WATER	08/12/2025	3.0	30.0	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136797

Review By	sagar	Review On	8/13/2025 12:41:39 PM
Supervise By	jaswal	Supervise On	8/13/2025 9:42:39 PM

STD. NAME	STD REF.#
ICAL Standard	MP86723,MP86723,MP86724,MP86725,MP86726,MP86727,MP86729
ICV Standard	MP86729
CCV Standard	MP86731
ICSA Standard	
CRI Standard	MP86733
LCS Standard	
Chk Standard	MP86730,MP86732,MP86734,MP86737

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/13/25 10:55		sagar	OK
2	S0.2	S0.2	CAL2	08/13/25 10:57		sagar	OK
3	S2.5	S2.5	CAL3	08/13/25 10:59		sagar	OK
4	S5	S5	CAL4	08/13/25 11:02		sagar	OK
5	S7.5	S7.5	CAL5	08/13/25 11:04		sagar	OK
6	S10	S10	CAL6	08/13/25 11:06		sagar	OK
7	ICV12	ICV12	ICV	08/13/25 11:10		sagar	OK
8	ICB12	ICB12	ICB	08/13/25 11:19		sagar	OK
9	CCV35	CCV35	CCV	08/13/25 11:22		sagar	OK
10	CCB35	CCB35	CCB	08/13/25 11:24		sagar	OK
11	CRA	CRA	CRDL	08/13/25 11:26		sagar	OK
12	HighStd	HighStd	HIGH STD	08/13/25 11:28		sagar	OK
13	ChkStd	ChkStd	SAM	08/13/25 11:31		sagar	OK
14	PB169233BL	PB169233BL	MB	08/13/25 11:33		sagar	OK
15	PB169233BS	PB169233BS	LCS	08/13/25 11:35		sagar	OK
16	Q2808-04	TP-7	SAM	08/13/25 11:38		sagar	OK
17	Q2826-02	WC1	SAM	08/13/25 11:40		sagar	OK
18	Q2827-04	TP-8	SAM	08/13/25 11:42		sagar	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136797

Review By	sagar	Review On	8/13/2025 12:41:39 PM
Supervise By	jaswal	Supervise On	8/13/2025 9:42:39 PM

STD. NAME	STD REF.#
ICAL Standard	MP86723,MP86723,MP86724,MP86725,MP86726,MP86727,MP86729
ICV Standard	MP86729
CCV Standard	MP86731
ICSA Standard	
CRI Standard	MP86733
LCS Standard	
Chk Standard	MP86730,MP86732,MP86734,MP86737

19	Q2827-08	TP-9	SAM	08/13/25 11:44		sagar	OK
20	Q2831-03	VNJ-238	SAM	08/13/25 11:47		sagar	OK
21	CCV36	CCV36	CCV	08/13/25 11:49		sagar	OK
22	CCB36	CCB36	CCB	08/13/25 11:51		sagar	OK
23	Q2831-03DUP	VNJ-238DUP	DUP	08/13/25 11:54		sagar	OK
24	Q2831-03MS	VNJ-238MS	MS	08/13/25 11:56		sagar	OK
25	Q2831-03MSD	VNJ-238MSD	MSD	08/13/25 11:58		sagar	OK
26	Q2831-03L	VNJ-238L	SD	08/13/25 12:01		sagar	OK
27	Q2831-03A	VNJ-238A	PS	08/13/25 12:03		sagar	OK
28	PB169200TB	PB169200TB	MB	08/13/25 12:05		sagar	OK
29	CCV37	CCV37	CCV	08/13/25 12:08		sagar	OK
30	CCB37	CCB37	CCB	08/13/25 12:10		sagar	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/13/25 11:56		Jaswal	OK
2	S1	S1	CAL2	08/13/25 12:00		Jaswal	OK
3	S2	S2	CAL3	08/13/25 12:04		Jaswal	OK
4	S3	S3	CAL4	08/13/25 12:08		Jaswal	OK
5	S4	S4	CAL5	08/13/25 12:12		Jaswal	OK
6	S5	S5	CAL6	08/13/25 12:17		Jaswal	OK
7	ICV01	ICV01	ICV	08/13/25 12:21		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/13/25 12:28		Jaswal	OK
9	ICB01	ICB01	ICB	08/13/25 12:33		Jaswal	OK
10	CRI01	CRI01	CRDL	08/13/25 12:37		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/13/25 12:41		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/13/25 12:45		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/13/25 12:49		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/13/25 12:54		Jaswal	OK
15	CCV01	CCV01	CCV	08/13/25 12:58		Jaswal	OK
16	CCB01	CCB01	CCB	08/13/25 13:03		Jaswal	OK
17	Q2828-01	POWDER	SAM	08/13/25 13:07		Jaswal	OK
18	Q2828-01DUP	POWDERDUP	DUP	08/13/25 13:12		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

19	Q2828-01L	POWDERL	SD	08/13/25 13:16		Jaswal	OK
20	Q2828-01MS	POWDERMS	MS	08/13/25 13:20		Jaswal	OK
21	Q2828-01MSD	POWDERMSD	MSD	08/13/25 13:25		Jaswal	OK
22	Q2828-01A	POWDERA	PS	08/13/25 13:30	0.1 ml of each M6004 and M6017 in 10ml sample	Jaswal	OK
23	CCV02	CCV02	CCV	08/13/25 13:42		Jaswal	OK
24	CCB02	CCB02	CCB	08/13/25 13:46		Jaswal	OK
25	Q2830-01	BIN0009-DRIVEWAY-	SAM	08/13/25 13:50		Jaswal	OK
26	Q2830-03	BIN0009-DRIVEWAY-	SAM	08/13/25 13:55		Jaswal	OK
27	Q2830-05	BIN0009-DRIVEWAY-	SAM	08/13/25 13:59		Jaswal	OK
28	Q2830-07	BIN0009-DRIVEWAY-	SAM	08/13/25 14:03		Jaswal	OK
29	Q2831-01	VNJ-238	SAM	08/13/25 14:07		Jaswal	OK
30	Q2818-01	B-2-5-1	SAM	08/13/25 14:11		Jaswal	OK
31	Q2818-02	B-3-5-2	SAM	08/13/25 14:16		Jaswal	OK
32	Q2823-01	SU-04-081125	SAM	08/13/25 14:20		Jaswal	OK
33	Q2831-03	VNJ-238	SAM	08/13/25 14:24		Jaswal	OK
34	Q2831-03DUP	VNJ-238DUP	DUP	08/13/25 14:28		Jaswal	OK
35	CCV03	CCV03	CCV	08/13/25 14:33		Jaswal	OK
36	CCB03	CCB03	CCB	08/13/25 14:37		Jaswal	OK
37	Q2831-03L	VNJ-238L	SD	08/13/25 14:41		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

38	Q2831-03MS	VNJ-238MS	MS	08/13/25 14:46		Jaswal	OK
39	Q2831-03MSD	VNJ-238MSD	MSD	08/13/25 14:50		Jaswal	OK
40	Q2831-03A	VNJ-238A	PS	08/13/25 14:54	0.1 ml of each M6004 and M6017 in 10ml sample	Jaswal	OK
41	PB169214BL	PB169214BL	MB	08/13/25 14:58		Jaswal	OK
42	PB169214BS	PB169214BS	LCS	08/13/25 15:02		Jaswal	OK
43	PB169211BL	PB169211BL	MB	08/13/25 15:06		Jaswal	OK
44	PB169215BL	PB169215BL	MB	08/13/25 15:15		Jaswal	OK
45	PB169211BS	PB169211BS	LCS	08/13/25 15:19		Jaswal	OK
46	CCV04	CCV04	CCV	08/13/25 15:23		Jaswal	OK
47	CCB04	CCB04	CCB	08/13/25 15:27		Jaswal	OK
48	PB169200TB	PB169200TB	MB	08/13/25 15:31		Jaswal	OK
49	Q2808-04	TP-7	SAM	08/13/25 15:36		Jaswal	OK
50	Q2826-02	WC1	SAM	08/13/25 15:40		Jaswal	OK
51	Q2827-04	TP-8	SAM	08/13/25 15:45		Jaswal	OK
52	Q2827-08	TP-9	SAM	08/13/25 15:49		Jaswal	OK
53	Q2808-01	TP-7	SAM	08/13/25 15:53		Jaswal	OK
54	Q2817-01	LEAD-PAINT-CHIPS	SAM	08/13/25 15:58		Jaswal	OK
55	Q2819-06	11M-S	SAM	08/13/25 16:02		Jaswal	OK
56	Q2819-11	84SB-W	SAM	08/13/25 16:06		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

57	Q2819-14	17M-W	SAM	08/13/25 16:10		Jaswal	OK
58	CCV05	CCV05	CCV	08/13/25 16:14		Jaswal	OK
59	CCB05	CCB05	CCB	08/13/25 16:19		Jaswal	OK
60	Q2820-09	705R-S	SAM	08/13/25 16:23		Jaswal	OK
61	Q2820-10	SOIL-DUP-2	SAM	08/13/25 16:27		Jaswal	OK
62	Q2820-24	22M-S	SAM	08/13/25 16:31		Jaswal	OK
63	Q2826-01	WC1	SAM	08/13/25 16:35		Jaswal	OK
64	Q2827-01	TP-8	SAM	08/13/25 16:39		Jaswal	OK
65	Q2827-05	TP-9	SAM	08/13/25 16:44		Jaswal	OK
66	Q2829-01	SILICA	SAM	08/13/25 16:48		Jaswal	OK
67	Q2832-09	TG-S05	SAM	08/13/25 16:52		Jaswal	OK
68	Q2832-09DUP	TG-S05DUP	DUP	08/13/25 16:56		Jaswal	OK
69	Q2832-09L	TG-S05L	SD	08/13/25 17:00		Jaswal	OK
70	CCV06	CCV06	CCV	08/13/25 17:05		Jaswal	OK
71	CCB06	CCB06	CCB	08/13/25 17:09		Jaswal	OK
72	Q2832-09MS	TG-S05MS	MS	08/13/25 17:13		Jaswal	OK
73	Q2832-09MSD	TG-S05MSD	MSD	08/13/25 17:17		Jaswal	OK
74	Q2832-09A	TG-S05A	PS	08/13/25 17:21	0.1 ml of each M6004 and M6017 in 10ml sample	Jaswal	OK
75	Q2832-03	TG-S02	SAM	08/13/25 17:25		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

76	Q2832-05	TG-S03	SAM	08/13/25 17:29		Jaswal	OK
77	Q2832-07	TG-S04	SAM	08/13/25 17:33		Jaswal	OK
78	PB169215BS	PB169215BS	LCS	08/13/25 17:42		Jaswal	OK
79	CCV07	CCV07	CCV	08/13/25 17:46		Jaswal	OK
80	CCB07	CCB07	CCB	08/13/25 17:50		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB169214

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 08/12/2025 **Time :** 12:30 **Temp :** 97 °C

End Digest Date: 08/12/2025 **Time :** 15:32 **Temp :** 98 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: SL

Supervisor Signature: JPP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6180
LFS-2	0.25	M6181
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
30% H2O2	N/A	N/A
Conc. HCL	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 97C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/12/25 16:32	SL Met dig	JPP / Met Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB169214

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB169200TB	PB169200TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	1
PB169214BL	PBW214	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	2
PB169214BS	LCS214	<2	5	25	Colorless	Colorless	Clear	Clear	M6180,M6181	3
Q2808-04	TP-7	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2826-02	WC1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	5
Q2827-04	TP-8	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	6
Q2827-08	TP-9	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	7
Q2831-03	VNJ-238	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	8
Q2831-03MS	VNJ-238MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6180,M6181	10
Q2831-03MSD	VNJ-238MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6180,M6181	11
Q2831-03DUP	VNJ-238DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	9

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB169233

10

A B C D E F G H I J

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#1 2. N/A

Start Digest Date: 08/12/2025 **Time :** 12:30 **Temp :** 95 °C

End Digest Date: 08/12/2025 **Time :** 14:32 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#1

Dig Technician Signature: SLG

Supervisor Signature:

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86729
CCV	30mL	MP86731
CRA	30mL	MP86733
Blank Spike	0.48mL	MP86722
Matrix Spike	0.48mL	MP86722

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86723
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86724
2.5 ppb	S2.5	30mL	MP86725
5.0 ppb	S5.0	30mL	MP86726
7.5 ppb	S7.5	30mL	MP86727
10.0 ppb	S10.0	30mL	MP86728
ICV	ICV	30mL	MP86729
ICB	ICB	30mL	MP86730
CCV	CCV	30mL	MP86731
CCB	CCB	30mL	MP86732
CRI	CRI	30mL	MP86733
CHK STD	CHK STD	30mL	MP86734

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/12/25 15:32	SLS not dig	Metals (MB)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB169200TB	PB169200TB	3	30	<2	N/A	1-1
PB169233BL	PBW233	30	30	<2	N/A	2
PB169233BS	LCS233	30	30	<2	MP86722	3
Q2808-04	TP-7	3	30	<2	N/A	4
Q2826-02	WC1	3	30	<2	N/A	5
Q2827-04	TP-8	3	30	<2	N/A	6
Q2827-08	TP-9	3	30	<2	N/A	7
Q2831-03	VNJ-238	3	30	<2	N/A	8
Q2831-03MS	VNJ-238MS	3	30	<2	MP86722	10
Q2831-03MSD	VNJ-238MSD	3	30	<2	MP86722	11
Q2831-03DUP	VNJ-238DUP	3	30	<2	N/A	9

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB169200

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1

TCLP Filter ID : 115525

Start Prep Date : 08/11/2025 **Time :** 17:00

End Prep Date : 08/12/2025 **Time :** 10:35

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ 20

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : RM

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112804
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 checked,30 rpm. Q28341-03 IS USED FOR MS-MSD. Particle size reduction is not required.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/12/25 11:40	JP / ICP Room	5/23. RJ / Ext
	Preparation Group	Analysis Group ICP DIG.

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB169200

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB169200TB	LEB200	06	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1
Q2808-04	TP-7	01	100.02	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2826-02	WC1	02	100.03	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2827-04	TP-8	03	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2827-08	TP-9	04	100.03	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2831-03	VNJ-238	05	100.04	2000	N/A	N/A	N/A	4.5	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169200TB	LEB200	N/A	N/A	N/A	N/A	N/A	N/A
Q2808-04	TP-7	N/A	N/A	N/A	N/A	100	N/A
Q2826-02	WC1	N/A	N/A	N/A	N/A	100	N/A
Q2827-04	TP-8	N/A	N/A	N/A	N/A	100	N/A
Q2827-08	TP-9	N/A	N/A	N/A	N/A	100	N/A
Q2831-03	VNJ-238	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB169200

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB169200TB	LEB200	N/A	N/A	N/A	N/A	#1	4.94
Q2808-04	TP-7	5.02	96.5	8.4	N/A	#1	4.94
Q2826-02	WC1	5.03	96.5	10.0	N/A	#1	4.94
Q2827-04	TP-8	5.02	96.5	7.6	N/A	#1	4.94
Q2827-08	TP-9	5.01	96.5	8.6	N/A	#1	4.94
Q2831-03	VNJ-238	5.03	96.5	6.0	N/A	#1	4.94

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25 13:30
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
		% Solid:	88.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		08/12/25 09:00	9095B
pH	10.1	H	1	0	0	pH		08/12/25 15:15	9045D

Comments: pH result reported at temperature 21.5 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25 13:30
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	10.1	H	1	0	0	pH		08/12/25 09:48	9045D
Ignitability	NO		1	0	0	oC		08/12/25 10:32	1030
Reactive Cyanide	0.013	J	1	0.0083	0.050	mg/Kg	08/13/25 08:45	08/13/25 12:45	9012B
Reactive Sulfide	3.17	J	1	0.20	10.0	mg/Kg	08/13/25 11:00	08/13/25 15:08	9034

Comments: pH result reported at temperature 21.5 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client: G Environmental **SDG No.:** Q2826

Project: Ave B **RunNo.:** LB136781

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Corrosivity		pH	7.01	7	100	90-110	08/12/2025
Sample ID:	CCV1						
Corrosivity		pH	2.01	2.00	101	90-110	08/12/2025
Sample ID:	CCV2						
Corrosivity		pH	12.02	12.00	100	90-110	08/12/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client:	G Environmental	**SDG No.:**	Q2826
Project:	Ave B	**RunNo.:**	LB136792

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
pH	pH	7.00	7	100	90-110	08/12/2025
Sample ID: **CCV1**						
pH	pH	2.01	2.00	101	90-110	08/12/2025
Sample ID: **CCV2**						
pH	pH	12.02	12.00	100	90-110	08/12/2025
Sample ID: **CCV3**						
pH	pH	2.01	2.00	101	90-110	08/12/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client:	G Environmental	**SDG No.:**	Q2826
Project:	Ave B	**RunNo.:**	LB136800

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Reactive Cyanide	mg/L	0.095	0.099	96	85-115	08/13/2025
Sample ID: CCV1						
Reactive Cyanide	mg/L	0.26	0.25	104	90-110	08/13/2025
Sample ID: CCV2						
Reactive Cyanide	mg/L	0.25	0.25	100	90-110	08/13/2025
Sample ID: CCV3						
Reactive Cyanide	mg/L	0.25	0.25	100	90-110	08/13/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Blank Summary

Client: G Environmental **SDG No.:** Q2826

Project: Ave B **RunNo.:** LB136800

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Reactive Cyanide	mg/L	0.0014	0.0025	J	0.00096	0.005	08/13/2025
Sample ID: CCB1							
Reactive Cyanide	mg/L	0.0015	0.0025	J	0.00096	0.005	08/13/2025
Sample ID: CCB2							
Reactive Cyanide	mg/L	0.0014	0.0025	J	0.00096	0.005	08/13/2025
Sample ID: CCB3							
Reactive Cyanide	mg/L	0.0015	0.0025	J	0.00096	0.005	08/13/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Preparation Blank Summary

Client: G Environmental **SDG No.:** Q2826

Project: Ave B

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB169217BL							
Reactive Cyanide	mg/Kg	0.013	0.0250	J	0.0084	0.05	08/13/2025
Sample ID: PB169218BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	08/13/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Duplicate Sample Summary

Client: G Environmental
Project: Ave B
Client ID: WC-A7-01-CDUP

SDG No.: Q2826
Sample ID: Q2732-02
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	11.5		11.6		1	0.09		08/12/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Duplicate Sample Summary

Client: G Environmental
Project: Ave B
Client ID: WC-A7-01-CDUP

SDG No.: Q2826
Sample ID: Q2732-03
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Cyanide	mg/Kg	+/-20	0.011	J	0.011	J	1	0		08/13/2025
Reactive Sulfide	mg/Kg	+/-20	4.72	J	4.72	J	1	0		08/13/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Duplicate Sample Summary

Client: G Environmental
Project: Ave B
Client ID: TP-7DUP
SDG No.: Q2826
Sample ID: Q2808-01
Percent Solids for Spike Sample: 66.5

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ignitability	oC	+/-20	NO		NO		1	0		08/12/2025
Paint Filter	ml/100gm	+/-20	1.00	U	1.00	U	1	0		08/12/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Duplicate Sample Summary

Client: G Environmental
Project: Ave B
Client ID: VNJ-238DUP
SDG No.: Q2826
Sample ID: Q2831-03
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Corrosivity	pH	+/-20	6.09		6.10		1	0.16		08/12/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136781

Review By	jignesh	Review On	8/12/2025 8:50:12 AM
Supervise By	rubina	Supervise On	8/12/2025 10:08:19 AM
SubDirectory	LB136781	Test	Corrosivity

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	08/12/25 08:10		Jignesh	OK
2	CAL2	CAL2	CAL	08/12/25 08:11		Jignesh	OK
3	CAL3	CAL3	CAL	08/12/25 08:12		Jignesh	OK
4	ICV	ICV	ICV	08/12/25 08:15		Jignesh	OK
5	CCV1	CCV1	CCV	08/12/25 08:20		Jignesh	OK
6	Q2808-04	TP-7	SAM	08/12/25 09:35		Jignesh	OK
7	Q2826-02	WC1	SAM	08/12/25 09:48		Jignesh	OK
8	Q2827-04	TP-8	SAM	08/12/25 10:00		Jignesh	OK
9	Q2827-08	TP-9	SAM	08/12/25 10:10		Jignesh	OK
10	Q2831-03	VNJ-238	SAM	08/12/25 10:15		Jignesh	OK
11	Q2831-03DUP	VNJ-238DUP	DUP	08/12/25 10:19		Jignesh	OK
12	CCV2	CCV2	CCV	08/12/25 10:20		Jignesh	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QCBatch ID # LB136786

Review By	Eman	Review On	8/12/2025 2:25:42 PM
Supervise By	jignesh	Supervise On	8/12/2025 2:28:51 PM
SubDirectory	LB136786	Test	Ignitability

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q2808-01	TP-7	SAM	08/12/25 10:10		jignesh	OK
2	Q2808-01DUP	TP-7DUP	DUP	08/12/25 10:17		jignesh	OK
3	Q2808-04	TP-7	SAM	08/12/25 10:24		jignesh	OK
4	Q2826-02	WC1	SAM	08/12/25 10:32		jignesh	OK
5	Q2827-01	TP-8	SAM	08/12/25 10:40		jignesh	OK
6	Q2827-04	TP-8	SAM	08/12/25 10:47		jignesh	OK
7	Q2827-05	TP-9	SAM	08/12/25 10:55		jignesh	OK
8	Q2827-08	TP-9	SAM	08/12/25 11:02		jignesh	OK
9	Q2831-01	VNJ-238	SAM	08/12/25 11:10		jignesh	OK
10	Q2831-03	VNJ-238	SAM	08/12/25 11:17		jignesh	OK
11	Q2832-02	TG-S01	SAM	08/12/25 11:25		jignesh	OK
12	Q2832-04	TG-S02	SAM	08/12/25 11:32		jignesh	OK
13	Q2832-06	TG-S03	SAM	08/12/25 11:40		jignesh	OK
14	Q2832-08	TG-S04	SAM	08/12/25 11:47		jignesh	OK
15	Q2832-10	TG-S05	SAM	08/12/25 11:55		jignesh	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FILTER/GRAVIMETRIC

Daily Analysis Runlog For Sequence/QCBatch ID # LB136787

Review By	Eman	Review On	8/12/2025 2:25:09 PM
Supervise By	jignesh	Supervise On	8/12/2025 2:28:24 PM
SubDirectory	LB136787	Test	Paint Filter

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q2808-01	TP-7	SAM	08/12/25 08:30		jignesh	OK
2	Q2808-01DUP	TP-7DUP	DUP	08/12/25 08:37		jignesh	OK
3	Q2809-01	OR-03-08082025	SAM	08/12/25 08:44		jignesh	OK
4	Q2823-01	SU-04-081125	SAM	08/12/25 08:52		jignesh	OK
5	Q2826-01	WC1	SAM	08/12/25 09:00		jignesh	OK
6	Q2827-01	TP-8	SAM	08/12/25 09:07		jignesh	OK
7	Q2827-05	TP-9	SAM	08/12/25 09:15		jignesh	OK
8	Q2830-01	BIN0009-DRIVEWAY-	SAM	08/12/25 09:22		jignesh	OK
9	Q2830-03	BIN0009-DRIVEWAY-	SAM	08/12/25 09:30		jignesh	OK
10	Q2830-05	BIN0009-DRIVEWAY-	SAM	08/12/25 09:37		jignesh	OK
11	Q2830-07	BIN0009-DRIVEWAY-	SAM	08/12/25 09:45		jignesh	OK
12	Q2831-01	VNJ-238	SAM	08/12/25 09:52		jignesh	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136792

Review By	jignesh	Review On	8/12/2025 4:46:51 PM
Supervise By	rubina	Supervise On	8/13/2025 12:54:50 PM
SubDirectory	LB136792	Test	pH

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	08/12/25 14:40		Jignesh	OK
2	CAL2	CAL2	CAL	08/12/25 14:41		Jignesh	OK
3	CAL3	CAL3	CAL	08/12/25 14:42		Jignesh	OK
4	ICV	ICV	ICV	08/12/25 14:45		Jignesh	OK
5	CCV1	CCV1	CCV	08/12/25 14:47		Jignesh	OK
6	Q2732-02	WC-A7-01-C	SAM	08/12/25 15:00		Jignesh	OK
7	Q2732-02DUP	WC-A7-01-CDUP	DUP	08/12/25 15:02		Jignesh	OK
8	Q2826-01	WC1	SAM	08/12/25 15:15		Jignesh	OK
9	Q2832-01	TG-S01	SAM	08/12/25 15:25		Jignesh	OK
10	Q2832-03	TG-S02	SAM	08/12/25 15:30		Jignesh	OK
11	Q2832-05	TG-S03	SAM	08/12/25 15:40		Jignesh	OK
12	Q2832-07	TG-S04	SAM	08/12/25 15:44		Jignesh	OK
13	Q2832-09	TG-S05	SAM	08/12/25 15:47		Jignesh	OK
14	Q2836-02	WC-A2-15-C	SAM	08/12/25 16:00		Jignesh	OK
15	Q2836-06	WC-A2-16-C	SAM	08/12/25 16:10		Jignesh	OK
16	CCV2	CCV2	CCV	08/12/25 16:17		Jignesh	OK
17	Q2836-10	WC-A2-17-C	SAM	08/12/25 16:25		Jignesh	OK
18	Q2836-14	WC-A5-02-C	SAM	08/12/25 16:30		Jignesh	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136792

Review By	jignesh	Review On	8/12/2025 4:46:51 PM
Supervise By	rubina	Supervise On	8/13/2025 12:54:50 PM
SubDirectory	LB136792	Test	pH

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200

19	CCV3	CCV3	CCV	08/12/25 16:33		Jignesh	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB136800

Review By	rubina	Review On	8/14/2025 11:26:59 AM
Supervise By	Sohil	Supervise On	8/14/2025 11:33:50 AM
SubDirectory	LB136800	Test	Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP114269,WP114270,WP114271,WP114272,WP114273,WP114274,WP114274
ICV Standard	WP114276
CCV Standard	WP114270
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP112643,WP112900,WP114277

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	08/13/25 11:54		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	08/13/25 11:54		rubina	OK
3	10PPBCN	10PPBCN	CAL3	08/13/25 11:54		rubina	OK
4	50PPBCN	50PPBCN	CAL4	08/13/25 11:54		rubina	OK
5	100PPBCN	100PPBCN	CAL5	08/13/25 11:54		rubina	OK
6	250PPBCN	250PPBCN	CAL6	08/13/25 11:54		rubina	OK
7	500PPBCN	500PPBCN	CAL7	08/13/25 11:54		rubina	OK
8	ICV1	ICV1	ICV	08/13/25 12:37		rubina	OK
9	ICB1	ICB1	ICB	08/13/25 12:37		rubina	OK
10	CCV1	CCV1	CCV	08/13/25 12:37		rubina	OK
11	CCB1	CCB1	CCB	08/13/25 12:37		rubina	OK
12	PB169217BL	PB169217BL	MB	08/13/25 12:38		rubina	OK
13	Q2732-03	WC-A7-01-C	SAM	08/13/25 12:45		rubina	OK
14	Q2732-03DUP	WC-A7-01-CDUP	DUP	08/13/25 12:45		rubina	OK
15	Q2826-02	WC1	SAM	08/13/25 12:45		rubina	OK
16	Q2827-04	TP-8	SAM	08/13/25 12:45		rubina	OK
17	Q2827-08	TP-9	SAM	08/13/25 12:45		rubina	OK
18	Q2831-03	VNJ-238	SAM	08/13/25 12:45		rubina	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB136800

Review By	rubina	Review On	8/14/2025 11:26:59 AM
Supervise By	Sohil	Supervise On	8/14/2025 11:33:50 AM
SubDirectory	LB136800	Test	Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP114269,WP114270,WP114271,WP114272,WP114273,WP114274,WP114274
ICV Standard	WP114276
CCV Standard	WP114270
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP112643,WP112900,WP114277

19	Q2832-02	TG-S01	SAM	08/13/25 12:45		rubina	OK
20	Q2832-04	TG-S02	SAM	08/13/25 12:45		rubina	OK
21	Q2832-06	TG-S03	SAM	08/13/25 12:45		rubina	OK
22	CCV2	CCV2	CCV	08/13/25 12:53		rubina	OK
23	CCB2	CCB2	CCB	08/13/25 12:53		rubina	OK
24	Q2832-08	TG-S04	SAM	08/13/25 12:53		rubina	OK
25	Q2832-10	TG-S05	SAM	08/13/25 12:53		rubina	OK
26	Q2836-03	WC-A2-15-C	SAM	08/13/25 12:53		rubina	OK
27	Q2836-07	WC-A2-16-C	SAM	08/13/25 12:53		rubina	OK
28	Q2836-11	WC-A2-17-C	SAM	08/13/25 12:53		rubina	OK
29	Q2836-15	WC-A5-02-C	SAM	08/13/25 13:00		rubina	OK
30	Q2838-04	TP-11	SAM	08/13/25 13:00		rubina	OK
31	Q2838-08	TP-10	SAM	08/13/25 13:00		rubina	OK
32	CCV3	CCV3	CCV	08/13/25 13:00		rubina	OK
33	CCB3	CCB3	CCB	08/13/25 13:00		rubina	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QCBatch ID # LB136810

Review By	rubina	Review On	8/13/2025 4:33:41 PM
Supervise By	jignesh	Supervise On	8/13/2025 4:46:38 PM
SubDirectory	LB136810	Test	Reactive Sulfide

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3105,W3213,W3149

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q2836-11	WC-A2-17-C	SAM	08/13/25 13:35		rubina	OK
2	PB169218BL	PB169218BL	MB	08/13/25 15:00		rubina	OK
3	Q2732-03	WC-A7-01-C	SAM	08/13/25 15:03		rubina	OK
4	Q2732-03DUP	WC-A7-01-CDUP	DUP	08/13/25 15:06		rubina	OK
5	Q2826-02	WC1	SAM	08/13/25 15:08		rubina	OK
6	Q2827-04	TP-8	SAM	08/13/25 15:10		rubina	OK
7	Q2827-08	TP-9	SAM	08/13/25 15:13		rubina	OK
8	Q2831-03	VNJ-238	SAM	08/13/25 15:15		rubina	OK
9	Q2832-02	TG-S01	SAM	08/13/25 15:18		rubina	OK
10	Q2832-04	TG-S02	SAM	08/13/25 15:20		rubina	OK
11	Q2832-06	TG-S03	SAM	08/13/25 15:23		rubina	OK
12	Q2832-08	TG-S04	SAM	08/13/25 15:25		rubina	OK
13	Q2832-10	TG-S05	SAM	08/13/25 15:28		rubina	OK
14	Q2836-03	WC-A2-15-C	SAM	08/13/25 15:30		rubina	OK
15	Q2836-07	WC-A2-16-C	SAM	08/13/25 15:33		rubina	OK
16	Q2836-15	WC-A5-02-C	SAM	08/13/25 15:38		rubina	OK
17	Q2838-04	TP-11	SAM	08/13/25 15:41		rubina	OK
18	Q2838-08	TP-10	SAM	08/13/25 15:44		rubina	OK

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2826	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	--Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2826-01	**WC1**	**SOIL**			**08/11/25 13:30**			**08/11/25**
			Paint Filter	9095B			08/12/25 09:00	
			pH	9045D			08/12/25 15:15	
Q2826-02	**WC1**	**SOIL**			**08/11/25 13:30**			**08/11/25**
			Corrosivity	9045D			08/12/25 09:48	
			Ignitability	1030			08/12/25 10:32	
			Reactive Cyanide	9012B		08/13/25	08/13/25 12:45	
			Reactive Sulfide	9034		08/13/25	08/13/25 15:08	

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Cyanide Preparation Sheet

PB169217

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 08/13/2025 **Time :** 08:45 **Temp :** N/A

Matrix : SOIL

End Digest Date: 08/13/2025 **Time :** 10:15 **Temp :** N/A

Pippete ID : N/A

Balance ID : WC SC-7

Hood ID : HOOD#1 **Digestion tube ID :** M5595 **Block Thermometer ID :** N/A

Block ID : MC-1,MC-2 **Filter paper ID :** N/A **Prep Technician Signature:** RM

Weigh By : RM **pH Meter ID :** N/A **Supervisor Signature:** JB

Standared Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID		Comment

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/13/2025 10:30	RM (WC)	RM (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Cyanide Preparation Sheet

PB169217

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169217BL	PBS217	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2732-03DUP	WC-A7-01-CDUP	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2732-03	WC-A7-01-C	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2826-02	WC1	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2827-04	TP-8	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2827-08	TP-9	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2831-03	VNJ-238	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2832-02	TG-S01	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2832-04	TG-S02	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2832-06	TG-S03	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2832-08	TG-S04	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2832-10	TG-S05	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2836-03	WC-A2-15-C	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2836-07	WC-A2-16-C	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2836-11	WC-A2-17-C	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2836-15	WC-A5-02-C	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2838-04	TP-11	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2838-08	TP-10	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Sulfide Preparation Sheet

PB169218

SOP ID : M9030B-Sulfide-13

SDG No : N/A

Start Digest Date: 08/13/2025 **Time :** 11:00 **Temp :** N/A

Matrix : SOIL

End Digest Date: 08/13/2025 **Time :** 12:30 **Temp :** N/A

Pippete ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1 **Digestion tube ID :** M5595 **Block Thermometer ID :** N/A

Block ID : MC-2 **Filter paper ID :** N/A **Prep Technician Signature:** RM

Weigh By : RM **pH Meter ID :** N/A **Supervisor Signature:** JB

Standared Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.5M ZINC ACETATE	5.0ML	WP113086
FORMALDEHYDE	2.0ML	W3220
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

08/13/2025 RM

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Sulfide Preparation Sheet

PB169218

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169218BL	PBS218	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2732-03DUP	WC-A7-01-CDUP	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2732-03	WC-A7-01-C	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2826-02	WC1	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2827-04	TP-8	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2827-08	TP-9	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2831-03	VNJ-238	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2832-02	TG-S01	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2832-04	TG-S02	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2832-06	TG-S03	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2832-08	TG-S04	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2832-10	TG-S05	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2836-03	WC-A2-15-C	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2836-07	WC-A2-16-C	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2836-11	WC-A2-17-C	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2836-15	WC-A5-02-C	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2838-04	TP-11	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2838-08	TP-10	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A

SHIPPING DOCUMENTS

12 12.1

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2826
COC Number 2047571

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GECP INC
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Ave B
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: BL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GECP INC PO#:
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP 07876
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ❑ Level 1 (Results Only)
- ❑ Level 2 (Results + QC)
- ❑ Level 3 (Results + QC + Raw Data)
- ❑ Level 4 (QC + Full Raw Data)
- X NJ Reduced
- ❑ US EPA CLP
- ❑ NYS ASP A
- ❑ NYS ASP B
- ❑ Other
- X EDD FORMAT NJ Dep Matrix

ANALYSIS

1: EPH 2: PCB 3: VOA 8260 4: BNA 8270 5: TPH methods 6: TCLP methods 7: RCRA 8: pH 9: ignitability paint filter

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	WC1	Soil	X		8/11/25	1330	4	X	X	X	X	X	X	X	X	X	
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

ICE

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

619 of 621

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME: 1350 8/11/25	RECEIVED BY: 1.
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP _____ .4°C °C
Comments: WC1

Page _____ of

CLIENT: ❑ Hand Delivered ❑ Other _____

Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Q2826

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DP 08/16/2025

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2826 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 8/11/2025 2:06:00 PM
Project Name : Ave B
Receive DateTime : 8/11/2025 1:50:00 PM
Purchase Order :

Project Mgr : NJ Reduced/NJDKQP
Report Type : ~~Level 1~~
EDD Type : NJ HAZSITE
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2826-01	WC1	Solid	08/11/2025	13:30					
					VOCMS Group1		8260D		10 Bus. Days

Relinguished By :
Date / Time : 8/11/25 1510

Received By :
Date / Time : 08/11/25 15:22

Storage Area : VOA Refridgerator Room