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

DATA PACKAGE

METALS
GC SEMI-VOLATILES

PROJECT NAME : FREEHOLD

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2705

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q2705

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : NJ Project Number : Freehold

Laboratory Sample ID(s) : Q2705 Sampling Date(s) : 7/25/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **6010D,NJEPH,SOP**

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 : Q2705

Project ID : Freehold

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2705-01	FG1A
Q2705-02	FG1B
Q2705-03	FG2A
Q2705-04	FG2B
Q2705-05	FG2C

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:41 am, Aug 06, 2025

Date: 8/6/2025

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: Freehold
Project # N/A
Order ID # Q2705
Test Name: EPH_NF

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 07/25/2025.

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 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 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.

Sample FG1A was diluted due to high concentration.

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.

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

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 APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:41 am, Aug 06, 2025

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

CASE NARRATIVE

G Environmental
Project Name: Freehold
Project # N/A
Order ID # Q2705
Test Name: Metals Group5

A. Number of Samples and Date of Receipt:
4 Solid samples were received on 07/25/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: EPH_NF and Metals Group5. This data package contains results for Metals Group5.

C. Analytical Techniques:
The analysis of Metals Group5 was based on method 6010D and digestion based on method 3050 (soils).

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike analysis met criteria for all compounds.
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___ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:41 am, Aug 06, 2025

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 #: Q2705

	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:** 08/06/2025

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:	07/25/25
Project:	Freehold			Date Received:	07/25/25
Client Sample ID:	FG1A			SDG No.:	Q2705
Lab Sample ID:	Q2705-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	91.3
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
07/28/25 09:00	07/29/25 11:39	PB169021

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	54.4		2	2.58	4.37	mg/kg	FE055063.D
Aliphatic C9-C28	Aliphatic C9-C28	2.62	J	1	0.99	4.37	mg/kg	FE055051.D
Total AliphaticEPH	Total AliphaticEPH	57.0			3.57	8.74	mg/kg	
Total EPH	Total EPH	57.0			3.57	8.74	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:	07/25/25	
Project:	Freehold		Date Received:	07/25/25	
Client Sample ID:	FG1A		SDG No.:	Q2705	
Lab Sample ID:	Q2705-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	91.3	
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
FE055051.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		2.62	J	0.99	4.37	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		55.6	E	1.29	2.19	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		29.8		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		28.6		40 - 140	57%	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:	Q2705-01	Acq On:	28 Jul 2025 16:50
Client Sample ID:	FG1A	Operator:	YP\AJ
Data file:	FE055051.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.324	6.959	404757	3.265	300	ug/ml
Aliphatic C12-C16	6.960	10.413	1013613	7.626	200	ug/ml
Aliphatic C16-C21	10.414	13.792	1169776	8.92	300	ug/ml
Aliphatic C21-C28	13.793	17.462	2018560	16.18	400	ug/ml
Aliphatic C28-C40	17.463	22.490	91893567	762.673	600	ug/ml
Aliphatic EPH	3.324	22.490	96500273	798.664		ug/ml
ortho-Terphenyl (SURR)	12.091	12.091	4230434	28.58		ug/ml
1-chlorooctadecane (SURR)	13.527	13.527	3339559	29.82		ug/ml
Aliphatic C9-C28	3.324	17.462	4606706	35.991	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:	07/25/25
Project:	Freehold	Date Received:	07/25/25
Client Sample ID:	FG1ADL	SDG No.:	Q2705
Lab Sample ID:	Q2705-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.3
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
FE055063.D	2	07/28/25	07/29/25	PB169021

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.04	J	1.99	8.75	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		54.4		2.58	4.37	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		14.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		14.5		40 - 140	58%	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:	Q2705-01DL	Acq On:	29 Jul 2025 11:39
Client Sample ID:	FG1ADL	Operator:	YP\AJ
Data file:	FE055063.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.325	6.960	811815	6.548	300	ug/ml
Aliphatic C12-C16	6.961	10.412	666943	5.018	200	ug/ml
Aliphatic C16-C21	10.413	13.792	643260	4.905	300	ug/ml
Aliphatic C21-C28	13.793	17.463	1174717	9.416	400	ug/ml
Aliphatic C28-C40	17.464	22.491	44932779	372.921	600	ug/ml
Aliphatic EPH	3.325	22.491	48229514	398.808		ug/ml
ortho-Terphenyl (SURR)	12.089	12.089	2149407	14.52		ug/ml
1-chlorooctadecane (SURR)	13.525	13.525	1671596	14.93		ug/ml
Aliphatic C9-C28	3.325	17.463	3296735	25.887	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:	07/25/25
Project:	Freehold			Date Received:	07/25/25
Client Sample ID:	FG1B			SDG No.:	Q2705
Lab Sample ID:	Q2705-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	85.9
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/28/25 09:00	07/28/25 17:21	PB169021

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	35.7		1	1.37	2.33	mg/kg	FE055052.D
Aliphatic C9-C28	Aliphatic C9-C28	4.50	J	1	1.06	4.64	mg/kg	FE055052.D
Total AliphaticEPH	Total AliphaticEPH	40.2			2.43	6.97	mg/kg	
Total EPH	Total EPH	40.2			2.43	6.97	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:	07/25/25	
Project:	Freehold		Date Received:	07/25/25	
Client Sample ID:	FG1B		SDG No.:	Q2705	
Lab Sample ID:	Q2705-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.9	
Sample Wt/Vol:	30.04	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
FE055052.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		4.50	J	1.06	4.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		35.7		1.37	2.33	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		37.5		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		35.6		40 - 140	71%	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:	Q2705-02	Acq On:	28 Jul 2025 17:21
Client Sample ID:	FG1B	Operator:	YP\AJ
Data file:	FE055052.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.324	6.959	327425	2.641	300	ug/ml
Aliphatic C12-C16	6.960	10.413	814119	6.125	200	ug/ml
Aliphatic C16-C21	10.414	13.792	4995857	38.097	300	ug/ml
Aliphatic C21-C28	13.793	17.462	1408018	11.286	400	ug/ml
Aliphatic C28-C40	17.463	22.490	55539065	460.948	600	ug/ml
Aliphatic EPH	3.324	22.490	63084484	519.097		ug/ml
ortho-Terphenyl (SURR)	12.092	12.092	5266198	35.58		ug/ml
1-chlorooctadecane (SURR)	13.529	13.529	4202139	37.52		ug/ml
Aliphatic C9-C28	3.324	17.462	7545419	58.149	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.: Q2705

Run Number: FC072825AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB169021BL	77	76		0
PB169021BS	71	70		0
PB169021BSD	71	69		0
RT-5417MS	74	71		0
RT-5417MSD	78	74		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.: Q2705

Run Number: FE072825AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
FG1A	60	57		0
FG1B	75	71		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.: Q2705

Run Number: FE072925AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
FG1ADL	60	58		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:**	Q2705
Sample No :	Q2706-01MS **Datafile:** FC069552.D	**Client ID :**	RT-5417MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	32.5	11.6	42.5	95		(40-140)
Aliphatic C9-C28	108.3	4.26	84.7	74		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.6	0.0000	2.0617	57		(40-140)
n-Decane (C10)	3.6	0.0000	4.7365	132		(40-140)
Naphthalene (C11.7)	3.6	0.0000	2.5249	70		(40-140)
n-Dodecane (C12)	3.6	0.0000	2.4044	67		(40-140)
2-methylnaphthalene (C12.89)	3.6	0.0000	2.4756	69		(40-140)
n-Tetradecane (C14)	3.6	0.0000	2.5658	71		(40-140)
n-Hexadecane (C16)	3.6	0.0000	2.6552	74		(40-140)
n-Octadecane (C18)	3.6	0.0000	2.7632	77		(40-140)
n-Eicosane (C20)	3.6	0.0000	3.0225	84		(40-140)
n-Heneicosane (C21)	3.6	0.0000	2.9652	82		(40-140)
n-Docosane (C22)	3.6	0.0000	2.9739	83		(40-140)
n-Tetracosane (C24)	7.2	0.0000	9.0512	126		(40-140)
n-Hexacosane (C26)	3.6	0.0000	3.0021	83		(40-140)
n-Octacosane (C28)	3.6	0.0000	3.1499	87		(40-140)
n-Tricontane (C30)	3.6	0.0000	3.0471	85		(40-140)
n-Dotriacontane (C32)	3.6	0.0000	3.1301	87		(40-140)
n-Tetratriacontane (C34)	3.6	0.0000	3.5669	99		(40-140)
n-Hexatriacontane (C36)	3.6	0.0000	4.5623	127		(40-140)
n-Octatriacontane (C38)	3.6	0.0000	4.4430	123		(40-140)
n-Tetracontane (C40)	3.6	0.0000	3.8391	107		(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:**	Q2705
Sample No :	Q2706-01MSD **Datafile:** FC069553.D	**Client ID :**	RT-5417MSD

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	32.5	11.6	44.2	100		4.92 |	(40-140)	50
Aliphatic C9-C28	108.4	4.26	83.8	73		1.2 |	(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)	3.6	0.0000	2.1669	60		5.13 |	(40-140)	50
n-Decane (C10)	3.6	0.0000	4.9770	138		4.44 |	(40-140)	50
Naphthalene (C11.7)	3.6	0.0000	2.6530	74		5.56 |	(40-140)	50
n-Dodecane (C12)	3.6	0.0000	2.5323	70		4.38 |	(40-140)	50
2-methylnaphthalene (C12.89)	3.6	0.0000	2.6024	72		4.26 |	(40-140)	50
n-Tetradecane (C14)	3.6	0.0000	2.7082	75		5.48 |	(40-140)	50
n-Hexadecane (C16)	3.6	0.0000	2.8009	78		5.26 |	(40-140)	50
n-Octadecane (C18)	3.6	0.0000	2.9129	81		5.06 |	(40-140)	50
n-Eicosane (C20)	3.6	0.0000	3.1817	88		4.65 |	(40-140)	50
n-Heneicosane (C21)	3.6	0.0000	3.1180	87		5.92 |	(40-140)	50
n-Docosane (C22)	3.6	0.0000	3.1278	87		4.71 |	(40-140)	50
n-Tetracosane (C24)	7.2	0.0000	9.5039	132		4.65 |	(40-140)	50
n-Hexacosane (C26)	3.6	0.0000	3.1535	88		5.85 |	(40-140)	50
n-Octacosane (C28)	3.6	0.0000	3.3107	92		5.59 |	(40-140)	50
n-Tricontane (C30)	3.6	0.0000	3.2064	89		4.6 |	(40-140)	50
n-Dotriacontane (C32)	3.6	0.0000	3.2961	92		5.59 |	(40-140)	50
n-Tetratriacontane (C34)	3.6	0.0000	3.7597	104		4.93 |	(40-140)	50
n-Hexatriacontane (C36)	3.6	0.0000	4.2695	119		6.5 |	(40-140)	50
n-Octatriacontane (C38)	3.6	0.0000	4.6073	128		3.98 |	(40-140)	50
n-Tetracontane (C40)	3.6	0.0000	4.0645	113		5.45 |	(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:** Q2705

Sample No : PB169021BS **Datafile:** FC069548.D **Client ID :** PB169021BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	28.2	94		(40-140)
Aliphatic C9-C28	99.9	64.4	65		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	2.23548	68		(40-140)
n-Decane (C10)	3.3	2.36555	72		(40-140)
Naphthalene (C11.7)	3.3	2.50610	76		(40-140)
n-Dodecane (C12)	3.3	2.42268	73		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.38445	72		(40-140)
n-Tetradecane (C14)	3.3	2.37335	72		(40-140)
n-Hexadecane (C16)	3.3	2.29928	70		(40-140)
n-Octadecane (C18)	3.3	2.24546	68		(40-140)
n-Eicosane (C20)	3.3	2.38834	72		(40-140)
n-Heneicosane (C21)	3.3	2.32871	71		(40-140)
n-Docosane (C22)	3.3	2.32043	70		(40-140)
n-Tetracosane (C24)	6.7	4.66879	70		(40-140)
n-Hexacosane (C26)	3.3	2.33445	71		(40-140)
n-Octacosane (C28)	3.3	2.35295	71		(40-140)
n-Tricontane (C30)	3.3	2.39708	73		(40-140)
n-Dotriacontane (C32)	3.3	2.54396	77		(40-140)
n-Tetratriacontane (C34)	3.3	3.01221	91		(40-140)
n-Hexatriacontane (C36)	3.3	3.43544	104		(40-140)
n-Octatriacontane (C38)	3.3	3.91943	119		(40-140)
n-Tetracontane (C40)	3.3	4.05848	123		(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:** Q2705

Sample No : PB169021BSD **Datafile:** FC069549.D **Client ID :** PB169021BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	28.1	94		0.395|	(40-140)	25
Aliphatic C9-C28	99.9	63.4	64		1.8|	(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	2.15552	65		4.51|	(40-140)	25
n-Decane (C10)	3.3	2.27866	69		4.26|	(40-140)	25
Naphthalene (C11.7)	3.3	2.43995	74		2.67|	(40-140)	25
n-Dodecane (C12)	3.3	2.33941	71		2.78|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.32983	71		1.4|	(40-140)	25
n-Tetradecane (C14)	3.3	2.30509	70		2.82|	(40-140)	25
n-Hexadecane (C16)	3.3	2.24806	68		2.9|	(40-140)	25
n-Octadecane (C18)	3.3	2.20619	67		1.48|	(40-140)	25
n-Eicosane (C20)	3.3	2.35874	71		1.4|	(40-140)	25
n-Heneicosane (C21)	3.3	2.30398	70		1.42|	(40-140)	25
n-Docosane (C22)	3.3	2.29907	70		0|	(40-140)	25
n-Tetracosane (C24)	6.7	4.64461	69		1.44|	(40-140)	25
n-Hexacosane (C26)	3.3	2.32273	70		1.42|	(40-140)	25
n-Octacosane (C28)	3.3	2.34579	71		0|	(40-140)	25
n-Tricontane (C30)	3.3	2.39375	73		0|	(40-140)	25
n-Dotriacontane (C32)	3.3	2.54370	77		0|	(40-140)	25
n-Tetratriacontane (C34)	3.3	3.00029	91		0|	(40-140)	25
n-Hexatriacontane (C36)	3.3	3.42041	104		0|	(40-140)	25
n-Octatriacontane (C38)	3.3	3.89877	118		0.84|	(40-140)	25
n-Tetracontane (C40)	3.3	4.00216	121		1.64|	(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.
PB169021BL

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q2705
Instrument ID: FID_C
Lab Sample ID: PB169021BL
Matrix: (soil/water) Solid
Date Extracted: 7/28/2025 9:00:00 A
Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB169021BS	PB169021BS
PB169021BSD	PB169021BSD
FG1A	Q2705-01
FG1B	Q2705-02
RT-5417MS	Q2706-01MS
RT-5417MSD	Q2706-01MSD

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:	Freehold			Date Received:	
Client Sample ID:	PB169021BL			SDG No.:	Q2705
Lab Sample ID:	PB169021BL			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
07/28/25 09:00	07/28/25 15:18	PB169021

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	FC069547.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FC069547.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg	
Total EPH	Total EPH	2.09	U		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:	Freehold		Date Received:		
Client Sample ID:	PB169021BL		SDG No.:	Q2705	
Lab Sample ID:	PB169021BL		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
FC069547.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.4		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.9		40 - 140	76%	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:	PB169021BL	Acq On:	28 Jul 2025 15:18
Client Sample ID:	PB169021BL	Operator:	YP/AJ
Data file:	FC069547.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	0	0	300	ug/ml
Aliphatic C12-C16	6.603	10.006	0	0	200	ug/ml
Aliphatic C16-C21	10.007	13.376	0	0	300	ug/ml
Aliphatic C21-C28	13.377	17.043	0	0	400	ug/ml
Aliphatic C28-C40	17.044	22.029	0	0	600	ug/ml
Aliphatic EPH	3.303	22.029	0	0		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5620598	37.87		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4343627	38.44		ug/ml
Aliphatic C9-C28	3.303	17.043	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:	Freehold		Date Received:		
Client Sample ID:	PB169021BS		SDG No.:	Q2705	
Lab Sample ID:	PB169021BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/28/25 09:00	07/28/25 16:02	PB169021

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	28.2		1	1.18	2.00	mg/kg	FC069548.D
Aliphatic C9-C28	Aliphatic C9-C28	64.4		1	0.91	3.99	mg/kg	FC069548.D
Total AliphaticEPH	Total AliphaticEPH	92.6			2.09	5.99	mg/kg	
Total EPH	Total EPH	92.6			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:	Freehold		Date Received:		
Client Sample ID:	PB169021BS		SDG No.:	Q2705	
Lab Sample ID:	PB169021BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03 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
FC069548.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	64.4		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	28.2		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.6		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		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:	PB169021BS	Acq On:	28 Jul 2025 16:02
Client Sample ID:	PB169021BS	Operator:	YP/AJ
Data file:	FC069548.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	25723311	185.06	300	ug/ml
Aliphatic C12-C16	6.603	10.006	31555562	219.024	200	ug/ml
Aliphatic C16-C21	10.007	13.376	33042644	242.966	300	ug/ml
Aliphatic C21-C28	13.377	17.043	38024114	319.56	400	ug/ml
Aliphatic C28-C40	17.044	22.029	38094288	423.82	600	ug/ml
Aliphatic EPH	3.303	22.029	166439919	1390		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5162985	34.79		ug/ml
1-chlorooctadecane (SURR)	13.112	13.112	4026589	35.63		ug/ml
Aliphatic C9-C28	3.303	17.043	128345631	966.61	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:	Freehold		Date Received:		
Client Sample ID:	PB169021BSD		SDG No.:	Q2705	
Lab Sample ID:	PB169021BSD		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
07/28/25 09:00	07/28/25 16:46	PB169021

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	28.1		1	1.18	2.00	mg/kg	FC069549.D
Aliphatic C9-C28	Aliphatic C9-C28	63.4		1	0.91	3.99	mg/kg	FC069549.D
Total AliphaticEPH	Total AliphaticEPH	91.5			2.09	5.99	mg/kg	
Total EPH	Total EPH	91.5			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:	Freehold		Date Received:		
Client Sample ID:	PB169021BSD		SDG No.:	Q2705	
Lab Sample ID:	PB169021BSD		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
FC069549.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	63.4		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	28.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.3		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.5		40 - 140	69%	SPK: 50

Alliance TECHNICAL GROUP

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169021BSD	Acq On:	28 Jul 2025 16:46
Client Sample ID:	PB169021BSD	Operator:	YP/AJ
Data file:	FC069549.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	24866102	178.893	300	ug/ml
Aliphatic C12-C16	6.603	10.006	30943675	214.777	200	ug/ml
Aliphatic C16-C21	10.007	13.376	32746815	240.791	300	ug/ml
Aliphatic C21-C28	13.377	17.043	37824915	317.886	400	ug/ml
Aliphatic C28-C40	17.044	22.029	37917988	421.859	600	ug/ml
Aliphatic EPH	3.303	22.029	164299495	1370		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5112813	34.45		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	3985231	35.26		ug/ml
Aliphatic C9-C28	3.303	17.043	126381507	952.347	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:	Freehold		Date Received:		
Client Sample ID:	RT-5417MS		SDG No.:	Q2705	
Lab Sample ID:	Q2706-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.2	
Sample Wt/Vol:	30.05 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/28/25 09:00	07/28/25 19:02	PB169021

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	42.5		1	1.28	2.17	mg/kg	FC069552.D
Aliphatic C9-C28	Aliphatic C9-C28	84.7		1	0.99	4.32	mg/kg	FC069552.D
Total AliphaticEPH	Total AliphaticEPH	127			2.27	6.49	mg/kg	
Total EPH	Total EPH	127			2.27	6.49	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:	Freehold		Date Received:		
Client Sample ID:	RT-5417MS		SDG No.:	Q2705	
Lab Sample ID:	Q2706-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.2	
Sample Wt/Vol:	30.05 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
FC069552.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	84.7		0.99	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	42.5		1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.1		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.4		40 - 140	71%	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:	Q2706-01MS	Acq On:	28 Jul 2025 19:02
Client Sample ID:	RT-5417MS	Operator:	YP/AJ
Data file:	FC069552.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	23622062	169.944	300	ug/ml
Aliphatic C12-C16	6.603	10.006	33482574	232.399	200	ug/ml
Aliphatic C16-C21	10.007	13.376	49994136	367.612	300	ug/ml
Aliphatic C21-C28	13.377	17.043	47993099	403.34	400	ug/ml
Aliphatic C28-C40	17.044	22.029	52965934	589.275	600	ug/ml
Aliphatic EPH	3.303	22.029	208057805	1760		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5251696	35.39		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4195405	37.12		ug/ml
Aliphatic C9-C28	3.303	17.043	155091871	1170	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:	Freehold		Date Received:		
Client Sample ID:	RT-5417MSD		SDG No.:	Q2705	
Lab Sample ID:	Q2706-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.2	
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
07/28/25 09:00	07/28/25 19:46	PB169021

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	44.2	E	1	1.28	2.17	mg/kg	FC069553.D
Aliphatic C9-C28	Aliphatic C9-C28	83.8		1	0.99	4.33	mg/kg	FC069553.D
Total AliphaticEPH	Total AliphaticEPH	128			2.27	6.50	mg/kg	
Total EPH	Total EPH	128			2.27	6.50	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:	Freehold		Date Received:		
Client Sample ID:	RT-5417MSD		SDG No.:	Q2705	
Lab Sample ID:	Q2706-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.2	
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
FC069553.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	83.8		0.99	4.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	44.2	E	1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.0		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.1		40 - 140	74%	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:	Q2706-01MSD	Acq On:	28 Jul 2025 19:46
Client Sample ID:	RT-5417MSD	Operator:	YP/AJ
Data file:	FC069553.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	24789350	178.341	300	ug/ml
Aliphatic C12-C16	6.603	10.006	35194892	244.284	200	ug/ml
Aliphatic C16-C21	10.007	13.376	42497727	312.49	300	ug/ml
Aliphatic C21-C28	13.377	17.043	50307736	422.793	400	ug/ml
Aliphatic C28-C40	17.044	22.029	54970151	611.573	600	ug/ml
Aliphatic EPH	3.303	22.029	207759856	1770		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5511304	37.14		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	4406683	38.99		ug/ml
Aliphatic C9-C28	3.303	17.043	152789705	1160	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 : FC071525AL

AreaCount

Parameter Range	FC069448.D	FC069449.D	FC069450.D	FC069451.D	FC069452.D	
Aliphatic C9-C12	40045369.000	19347816.000	8027560.000	4373179.000	2294433.000	
Aliphatic C12-C16	27682150.000	13377176.000	5535957.000	3031800.000	1581956.000	
Aliphatic C16-C21	39110534.000	19006400.000	7808775.000	4286297.000	2248262.000	
Aliphatic C21-C28	45569666.000	22124549.000	9106701.000	5004692.000	2628946.000	
Aliphatic C28-C40	50207637.000	24374390.000	10318570.000	5685866.000	3112078.000	
Aliphatic EPH	202615356.000	98230331.000	40797563.000	22381834.000	11865675.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	138999.5006664	7.182				
Aliphatic C12-C16	144073.407	7.166				
Aliphatic C16-C21	135996.9459996	7.282				
Aliphatic C21-C28	118989.0545	7.458				
Aliphatic C28-C40	89883.162333	10.317				
Aliphatic EPH	118243.9636662	8.038				

Concentration

Parameter Range	FC069448.D	FC069449.D	FC069450.D	FC069451.D	FC069452.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	FC069448.D	FC069449.D	FC069450.D	FC069451.D	FC069452.D	
Aliphatic C9-C12	133484.563333	128985.440000	133792.666666	145772.633333	152962.200000	
Aliphatic C12-C16	138410.750000	133771.760000	138398.925000	151590.000000	158195.600000	
Aliphatic C16-C21	130368.446666	126709.333333	130146.250000	142876.566666	149884.133333	

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

Inital Calibration Report for SequenceID : FC071525AL

Aliphatic C21-C28	113924.165000	110622.745000	113833.762500	125117.300000	131447.300000	
Aliphatic C28-C40	83679.395000	81247.966666	85988.083333	94764.433333	103735.933333	
Aliphatic EPH	112564.086666	109144.812222	113326.563888	124343.522222	131840.833333	

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

Inital Calibration Report for SequenceID : FE072625AL

AreaCount

Parameter Range	FE055032.D	FE055033.D	FE055034.D	FE055035.D	FE055036.D	
Aliphatic C9-C12	35383724.000	17292498.000	7183362.000	3893177.000	2057304.000	
Aliphatic C12-C16	25104216.000	12244432.000	5126852.000	2800386.000	1484186.000	
Aliphatic C16-C21	37427151.000	18155075.000	7597595.000	4132275.000	2182732.000	
Aliphatic C21-C28	47172348.000	22938071.000	9627325.000	5248797.000	2791927.000	
Aliphatic C28-C40	65510063.000	32371301.000	13875816.000	7658874.000	4262296.000	
Aliphatic EPH	210597502.000	103001377.000	43410950.000	23733509.000	12778445.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	123975.5866664	7.407				
Aliphatic C12-C16	132914.92	8.221				
Aliphatic C16-C21	131135.1106664	7.753				
Aliphatic C21-C28	124755.8125	8.305				
Aliphatic C28-C40	120488.8016664	11.934				
Aliphatic EPH	125173.2217774	9.197				

Concentration

Parameter Range	FE055032.D	FE055033.D	FE055034.D	FE055035.D	FE055036.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	FE055032.D	FE055033.D	FE055034.D	FE055035.D	FE055036.D	
Aliphatic C9-C12	117945.746666	115283.320000	119722.700000	129772.566666	137153.600000	
Aliphatic C12-C16	125521.080000	122444.320000	128171.300000	140019.300000	148418.600000	
Aliphatic C16-C21	124757.170000	121033.833333	126626.583333	137742.500000	145515.466666	

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

Inital Calibration Report for SequenceID : FE072625AL

Aliphatic C21-C28	117930.870000	114690.355000	120341.562500	131219.925000	139596.350000	
Aliphatic C28-C40	109183.438333	107904.336666	115631.800000	127647.900000	142076.533333	
Aliphatic EPH	116998.612222	114445.974444	120585.972222	131852.827777	141982.722222	

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

Continuing Calibration Report for SequenceID : FC072825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069543.D**						
Aliphatic C9-C12	8377980.000	60.000	3.303	6.602	139633.000	138999.501	-0.456
Aliphatic C12-C16	5704222.000	40.000	6.603	10.006	142605.550	144073.407	1.019
Aliphatic C16-C21	8072340.000	60.000	10.007	13.376	134539.000	135996.946	1.072
Aliphatic C21-C28	9651896.000	80.000	13.377	17.043	120648.700	118989.055	-1.395
Aliphatic C28-C40	11839341.000	120.000	17.044	22.029	98661.175	89883.162	-9.766
Aliphatic EPH	43645779.000	360.000	3.303	22.029	121238.275	118243.964	-2.532

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:	28 Jul 2025 12:24
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069543.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.303	6.602	8377980.000	60.000	ug/ml
Aliphatic C12-C16	6.603	10.006	5704222.000	40.000	ug/ml
Aliphatic C16-C21	10.007	13.376	8072340.000	60.000	ug/ml
Aliphatic C21-C28	13.377	17.043	9651896.000	80.000	ug/ml
Aliphatic C28-C40	17.044	22.029	11839341.000	120.000	ug/ml
Aliphatic EPH	3.303	22.029	43645779.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FC072825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069555.D**						
Aliphatic C9-C12	8223559.000	60.000	3.303	6.602	137059.317	138999.501	1.396
Aliphatic C12-C16	5506419.000	40.000	6.603	10.006	137660.475	144073.407	4.451
Aliphatic C16-C21	7854249.000	60.000	10.007	13.376	130904.150	135996.946	3.745
Aliphatic C21-C28	9541715.000	80.000	13.377	17.043	119271.438	118989.055	-0.237
Aliphatic C28-C40	11960903.000	120.000	17.044	22.029	99674.192	89883.162	-10.893
Aliphatic EPH	43086845.000	360.000	3.303	22.029	119685.681	118243.964	-1.219

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:	28 Jul 2025 21:59
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069555.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.303	6.602	8223559.000	60.000	ug/ml
Aliphatic C12-C16	6.603	10.006	5506419.000	40.000	ug/ml
Aliphatic C16-C21	10.007	13.376	7854249.000	60.000	ug/ml
Aliphatic C21-C28	13.377	17.043	9541715.000	80.000	ug/ml
Aliphatic C28-C40	17.044	22.029	11960903.000	120.000	ug/ml
Aliphatic EPH	3.303	22.029	43086845.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE072825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055046.D**						
Aliphatic C28-C40	13569433.000	120.000	17.463	22.490	113078.608	120488.802	6.150
Aliphatic EPH	43256454.000	360.000	3.324	22.490	120156.817	125173.222	4.008
Aliphatic C9-C12	7098023.000	60.000	3.324	6.959	118300.383	123975.587	4.578
Aliphatic C12-C16	5092912.000	40.000	6.960	10.413	127322.800	132914.920	4.207
Aliphatic C16-C21	7661007.000	60.000	10.414	13.792	127683.450	131135.111	2.632
Aliphatic C21-C28	9835079.000	80.000	13.793	17.462	122938.488	124755.813	1.457

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:	28 Jul 2025 14:18
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055046.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.324	6.959	7098023.000	60.000	ug/ml
Aliphatic C12-C16	6.960	10.413	5092912.000	40.000	ug/ml
Aliphatic C16-C21	10.414	13.792	7661007.000	60.000	ug/ml
Aliphatic C21-C28	13.793	17.462	9835079.000	80.000	ug/ml
Aliphatic C28-C40	17.463	22.490	13569433.000	120.000	ug/ml
Aliphatic EPH	3.324	22.490	43256454.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE072825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055055.D**						
Aliphatic C28-C40	14024627.000	120.000	17.463	22.490	116871.892	120488.802	3.002
Aliphatic EPH	43865425.000	360.000	3.324	22.490	121848.403	125173.222	2.656
Aliphatic C9-C12	7116058.000	60.000	3.324	6.959	118600.967	123975.587	4.335
Aliphatic C12-C16	5109090.000	40.000	6.960	10.413	127727.250	132914.920	3.903
Aliphatic C16-C21	7715073.000	60.000	10.414	13.792	128584.550	131135.111	1.945
Aliphatic C21-C28	9900577.000	80.000	13.793	17.462	123757.213	124755.813	0.800

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:	28 Jul 2025 19:23
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055055.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.324	6.959	7116058.000	60.000	ug/ml
Aliphatic C12-C16	6.960	10.413	5109090.000	40.000	ug/ml
Aliphatic C16-C21	10.414	13.792	7715073.000	60.000	ug/ml
Aliphatic C21-C28	13.793	17.462	9900577.000	80.000	ug/ml
Aliphatic C28-C40	17.463	22.490	14024627.000	120.000	ug/ml
Aliphatic EPH	3.324	22.490	43865425.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE072925AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055058.D**						
Aliphatic C9-C12	7325862.000	60.000	3.325	6.960	122097.700	123975.587	1.515
Aliphatic C12-C16	5242820.000	40.000	6.961	10.412	131070.500	132914.920	1.388
Aliphatic C16-C21	7929976.000	60.000	10.413	13.792	132166.267	131135.111	-0.786
Aliphatic C21-C28	10186540.000	80.000	13.793	17.463	127331.750	124755.813	-2.065
Aliphatic C28-C40	14319282.000	120.000	17.464	22.491	119327.350	120488.802	0.964
Aliphatic EPH	45004480.000	360.000	3.325	22.491	125012.444	125173.222	0.128

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:	29 Jul 2025 08:57
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055058.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.325	6.960	7325862.000	60.000	ug/ml
Aliphatic C12-C16	6.961	10.412	5242820.000	40.000	ug/ml
Aliphatic C16-C21	10.413	13.792	7929976.000	60.000	ug/ml
Aliphatic C21-C28	13.793	17.463	10186540.000	80.000	ug/ml
Aliphatic C28-C40	17.464	22.491	14319282.000	120.000	ug/ml
Aliphatic EPH	3.325	22.491	45004480.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE072925AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055065.D**						
Aliphatic C9-C12	7271021.000	60.000	3.325	6.960	121183.683	123975.587	2.252
Aliphatic C12-C16	5205576.000	40.000	6.961	10.412	130139.400	132914.920	2.088
Aliphatic C16-C21	7820807.000	60.000	10.413	13.792	130346.783	131135.111	0.601
Aliphatic C21-C28	10078718.000	80.000	13.793	17.463	125983.975	124755.813	-0.984
Aliphatic C28-C40	14383470.000	120.000	17.464	22.491	119862.250	120488.802	0.520
Aliphatic EPH	44759592.000	360.000	3.325	22.491	124332.200	125173.222	0.672

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:	29 Jul 2025 13:10
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055065.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.325	6.960	7271021.000	60.000	ug/ml
Aliphatic C12-C16	6.961	10.412	5205576.000	40.000	ug/ml
Aliphatic C16-C21	10.413	13.792	7820807.000	60.000	ug/ml
Aliphatic C21-C28	13.793	17.463	10078718.000	80.000	ug/ml
Aliphatic C28-C40	17.464	22.491	14383470.000	120.000	ug/ml
Aliphatic EPH	3.325	22.491	44759592.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072825AL\
Data File : FE055051.D
Signal(s) : FID1B.ch
Acq On : 28 Jul 2025 16:50
Operator : YP\AJ
Sample : Q2705-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
FG1A

Integration File: sample.E
Quant Time: Jul 29 02:39:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
Quant Title : GC Extractables
QLast Update : Sat Jul 26 03:55:28 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)	12.091	4230434	28.580 ug/ml
Spiked Amount 50.000		Recovery =	57.16%
12) S 1-chlorooctadecane (S...	13.527	3339559	29.822 ug/ml
Spiked Amount 50.000		Recovery =	59.64%
Target Compounds			

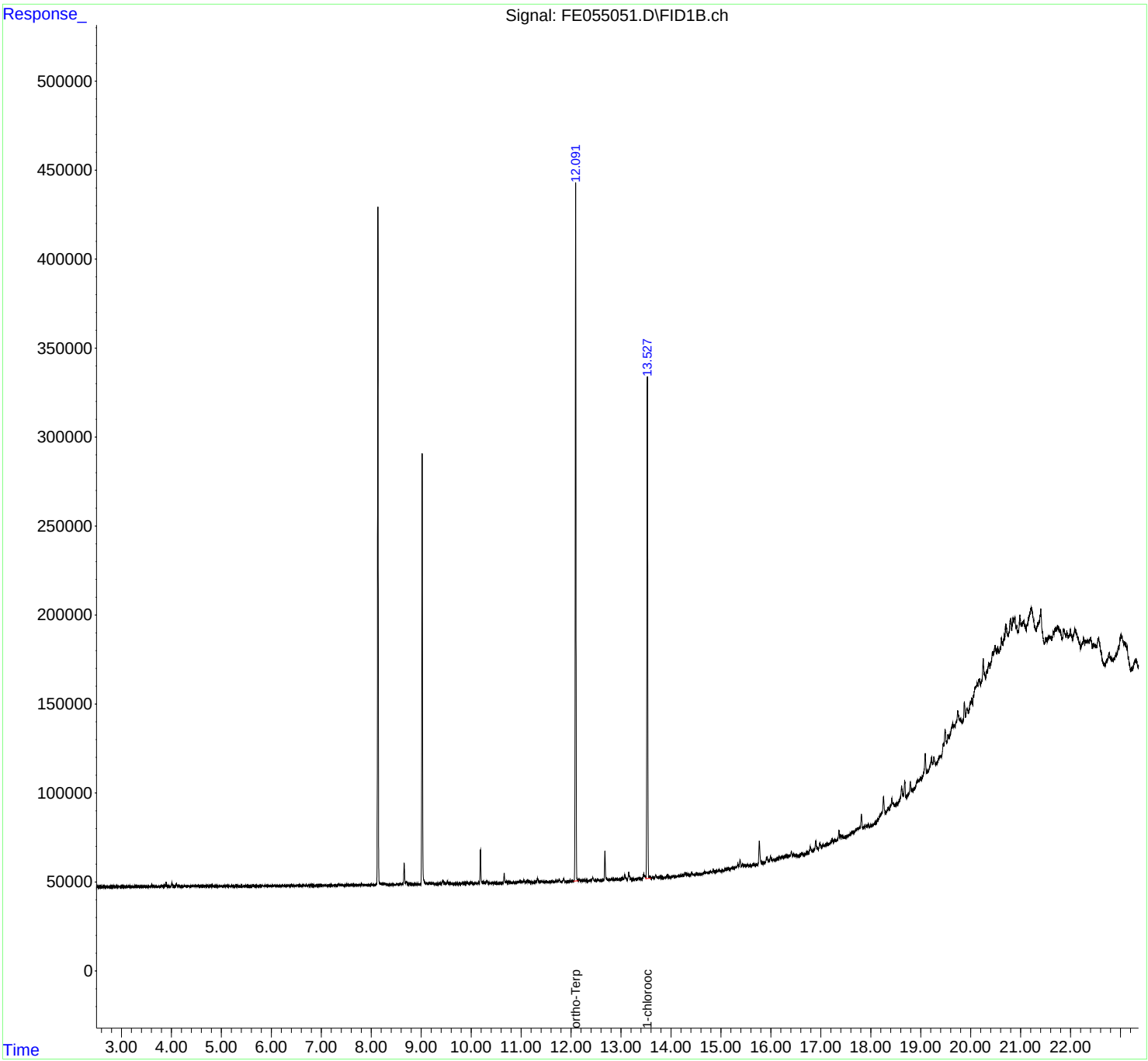
(f)=RT Delta > 1/2 Window (m)=manual int.

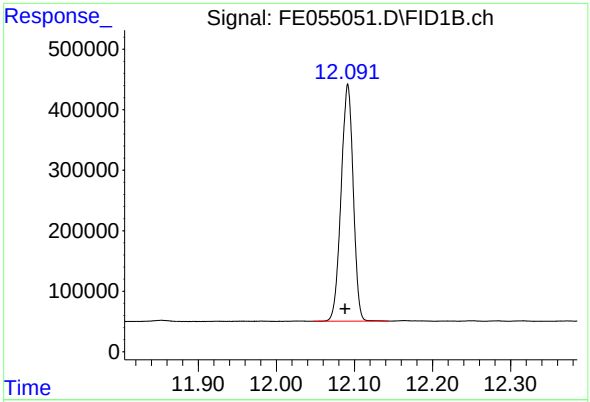
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072825AL\
Data File : FE055051.D
Signal(s) : FID1B.ch
Acq On : 28 Jul 2025 16:50
Operator : YP\AJ
Sample : Q2705-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
FG1A

Integration File: sample.E
Quant Time: Jul 29 02:39:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
Quant Title : GC Extractables
QLast Update : Sat Jul 26 03:55:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

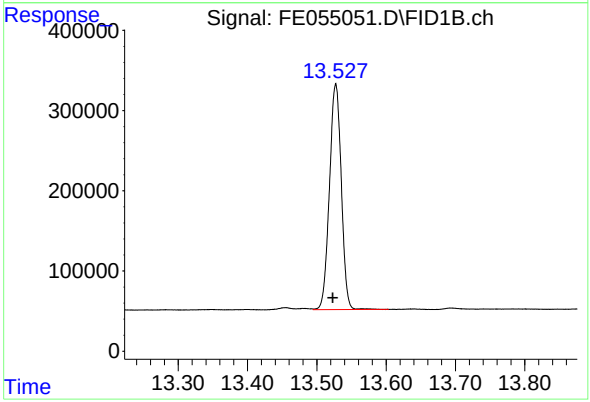




#9 ortho-Terphenyl (SURR)

R.T.: 12.091 min
Delta R.T.: 0.003 min
Response: 4230434
Conc: 28.58 ug/ml

Instrument :
FID_E
ClientSampleId :
FG1A



#12 1-chlorooctadecane (SURR)

R.T.: 13.527 min
Delta R.T.: 0.004 min
Response: 3339559
Conc: 29.82 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072825AL\
Data File : FE055051.D
Signal(s) : FID1B.ch
Acq On : 28 Jul 2025 16:50
Sample : Q2705-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.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	2.842	2.805	2.876	BV	265	4589	0.06%	0.004%
2	2.895	2.876	3.040	VV	133	8616	0.12%	0.008%
3	3.052	3.040	3.141	VV	124	5417	0.07%	0.005%
4	3.167	3.141	3.215	VV	236	4412	0.06%	0.004%
5	3.267	3.215	3.280	VV	297	6537	0.09%	0.006%
6	3.297	3.280	3.343	VV	300	8406	0.11%	0.008%
7	3.354	3.343	3.362	VV	137	1265	0.02%	0.001%
8	3.425	3.362	3.448	VV	253	7774	0.11%	0.007%
9	3.459	3.448	3.501	PV	137	4005	0.05%	0.004%
10	3.505	3.501	3.525	VV	185	1722	0.02%	0.002%
11	3.535	3.525	3.559	VV	149	2706	0.04%	0.002%
12	3.571	3.559	3.584	VV	159	1954	0.03%	0.002%
13	3.606	3.584	3.642	VV	925	12448	0.17%	0.011%
14	3.651	3.642	3.681	VV	170	3125	0.04%	0.003%
15	3.692	3.681	3.699	VV	172	1305	0.02%	0.001%
16	3.706	3.699	3.725	VV	123	1722	0.02%	0.002%
17	3.729	3.725	3.739	VV	162	985	0.01%	0.001%
18	3.752	3.739	3.765	VV	151	1804	0.02%	0.002%
19	3.778	3.765	3.787	VV	145	1805	0.02%	0.002%
20	3.802	3.787	3.841	VV	329	7051	0.10%	0.006%
21	3.854	3.841	3.873	VV	366	5102	0.07%	0.005%
22	3.894	3.873	3.986	VV	2654	32787	0.44%	0.029%
23	4.010	3.986	4.051	VV	2315	24816	0.34%	0.022%
24	4.101	4.051	4.135	VV	2000	24565	0.33%	0.022%
25	4.140	4.135	4.191	VV	225	4962	0.07%	0.004%
26	4.222	4.191	4.247	VV	265	6594	0.09%	0.006%
27	4.265	4.247	4.327	VV	455	13091	0.18%	0.012%
28	4.335	4.327	4.368	VV	222	3826	0.05%	0.003%
29	4.381	4.368	4.390	VV	178	2014	0.03%	0.002%
30	4.410	4.390	4.429	VV	435	6947	0.09%	0.006%
31	4.450	4.429	4.466	VV	399	6681	0.09%	0.006%
32	4.474	4.466	4.495	VV	252	3474	0.05%	0.003%
33	4.543	4.495	4.592	VV	249	11092	0.15%	0.010%
34	4.601	4.592	4.615	VV	170	2210	0.03%	0.002%
35	4.632	4.615	4.642	VV	267	3254	0.04%	0.003%
36	4.684	4.642	4.713	VV	385	9843	0.13%	0.009%

rteres

37	4.731	4.713	4.745	VV	262	3487	0.05%	0.003%
38	4.768	4.745	4.788	VV	205	4268	0.06%	0.004%
39	4.805	4.788	4.825	VV	218	3424	0.05%	0.003%
40	4.848	4.825	4.898	VV	294	7051	0.10%	0.006%
41	4.911	4.898	4.931	VV	167	2361	0.03%	0.002%
42	4.941	4.931	4.965	VV	139	2303	0.03%	0.002%
43	4.976	4.965	4.989	VV	187	2192	0.03%	0.002%
44	4.999	4.989	5.023	VV	233	2764	0.04%	0.002%
45	5.031	5.023	5.039	VV	131	957	0.01%	0.001%
46	5.061	5.039	5.117	VV	199	6538	0.09%	0.006%
47	5.130	5.117	5.158	VV	173	3253	0.04%	0.003%
48	5.165	5.158	5.235	VV	153	4878	0.07%	0.004%
49	5.241	5.235	5.249	VV	143	1067	0.01%	0.001%
50	5.264	5.249	5.315	VV	146	3436	0.05%	0.003%
51	5.348	5.315	5.377	VV	189	3669	0.05%	0.003%
52	5.401	5.377	5.419	VV	298	3937	0.05%	0.004%
53	5.437	5.419	5.468	VV	142	2709	0.04%	0.002%
54	5.505	5.468	5.555	VV	171	4564	0.06%	0.004%
55	5.564	5.555	5.607	VV	105	2023	0.03%	0.002%
56	5.631	5.607	5.696	VV	391	8085	0.11%	0.007%
57	5.711	5.696	5.755	VV	173	2272	0.03%	0.002%
58	5.786	5.755	5.801	PV	136	2826	0.04%	0.003%
59	5.823	5.801	5.848	VV	246	4826	0.07%	0.004%
60	5.876	5.848	5.901	VV	274	6371	0.09%	0.006%
61	5.939	5.901	5.973	VV	236	6271	0.08%	0.006%
62	5.993	5.973	6.000	VV	149	1849	0.03%	0.002%
63	6.024	6.000	6.049	VV	182	3669	0.05%	0.003%
64	6.078	6.049	6.134	VV	177	5004	0.07%	0.004%
65	6.145	6.134	6.170	VV	130	1913	0.03%	0.002%
66	6.195	6.170	6.201	PV	111	1682	0.02%	0.002%
67	6.220	6.201	6.239	VV	225	3205	0.04%	0.003%
68	6.265	6.239	6.295	VV	259	5182	0.07%	0.005%
69	6.308	6.295	6.319	VV	105	1359	0.02%	0.001%
70	6.361	6.319	6.384	VV	188	4744	0.06%	0.004%
71	6.406	6.384	6.468	VV	1007	17147	0.23%	0.015%
72	6.484	6.468	6.512	VV	313	5645	0.08%	0.005%
73	6.522	6.512	6.541	VV	242	3311	0.04%	0.003%
74	6.556	6.541	6.624	VV	239	7077	0.10%	0.006%
75	6.651	6.624	6.678	VV	217	4789	0.06%	0.004%
76	6.700	6.678	6.782	VV	633	14332	0.19%	0.013%
77	6.795	6.782	6.833	VV	192	3996	0.05%	0.004%
78	6.846	6.833	6.851	VV	187	1676	0.02%	0.002%
79	6.861	6.851	6.906	VV	250	4785	0.06%	0.004%
80	6.938	6.906	6.966	VV	348	6931	0.09%	0.006%
81	6.980	6.966	6.997	VV	154	1823	0.02%	0.002%
82	7.018	6.997	7.044	VV	170	3340	0.05%	0.003%
83	7.060	7.044	7.097	VV	194	3463	0.05%	0.003%
84	7.105	7.097	7.111	PV	91	561	0.01%	0.001%
85	7.161	7.111	7.225	VV	199	8009	0.11%	0.007%
86	7.269	7.225	7.292	VV	447	7737	0.10%	0.007%
87	7.345	7.292	7.385	VV	704	19103	0.26%	0.017%
88	7.408	7.385	7.423	VV	335	7042	0.10%	0.006%
89	7.437	7.423	7.471	VV	274	5030	0.07%	0.005%

rteres

90	7.508	7.471	7.527	VV	590	8863	0.12%	0.008%
91	7.539	7.527	7.571	VV	280	5506	0.07%	0.005%
92	7.587	7.571	7.628	VV	284	6569	0.09%	0.006%
93	7.647	7.628	7.664	VV	474	6354	0.09%	0.006%
94	7.681	7.664	7.700	VV	402	6252	0.08%	0.006%
95	7.719	7.700	7.755	VV	334	8328	0.11%	0.007%
96	7.813	7.755	7.855	VV	499	16913	0.23%	0.015%
97	7.863	7.855	7.878	VV	179	1949	0.03%	0.002%
98	7.906	7.878	7.941	VV	164	4061	0.05%	0.004%
99	7.953	7.941	7.965	VV	176	1806	0.02%	0.002%
100	7.992	7.965	8.035	VV	257	6020	0.08%	0.005%
101	8.044	8.035	8.062	VV	190	2332	0.03%	0.002%
102	8.233	8.218	8.258	VV	931	19079	0.26%	0.017%
103	8.272	8.258	8.331	VV	1020	23546	0.32%	0.021%
104	8.342	8.331	8.368	VV	354	5704	0.08%	0.005%
105	8.411	8.368	8.428	PV	454	11343	0.15%	0.010%
106	8.441	8.428	8.459	VV	478	6657	0.09%	0.006%
107	8.477	8.459	8.488	VV	334	4939	0.07%	0.004%
108	8.514	8.488	8.555	VV	765	18815	0.25%	0.017%
109	8.586	8.555	8.611	VV	710	18726	0.25%	0.017%
110	8.659	8.611	8.685	VV	12216	161502	2.18%	0.145%
111	8.701	8.685	8.744	VV	1666	34484	0.47%	0.031%
112	8.760	8.744	8.778	VV	669	9713	0.13%	0.009%
113	8.807	8.778	8.841	VV	506	14458	0.20%	0.013%
114	8.868	8.841	8.893	VV	530	9341	0.13%	0.008%
115	8.906	8.893	8.942	VV	329	7357	0.10%	0.007%
116	8.951	8.942	8.971	VV	229	2537	0.03%	0.002%
117	9.170	9.146	9.216	VV	1071	25246	0.34%	0.023%
118	9.238	9.216	9.268	VV	835	16739	0.23%	0.015%
119	9.281	9.268	9.298	VV	339	4951	0.07%	0.004%
120	9.328	9.298	9.345	VV	493	10470	0.14%	0.009%
121	9.357	9.345	9.375	VV	612	8165	0.11%	0.007%
122	9.432	9.375	9.495	VV	1680	52920	0.72%	0.048%
123	9.529	9.495	9.552	VV	1522	26412	0.36%	0.024%
124	9.570	9.552	9.591	VV	767	12376	0.17%	0.011%
125	9.604	9.591	9.653	VV	364	7261	0.10%	0.007%
126	9.690	9.653	9.704	VV	567	8157	0.11%	0.007%
127	9.716	9.704	9.788	VV	379	9122	0.12%	0.008%
128	9.824	9.788	9.845	PV	539	9312	0.13%	0.008%
129	9.865	9.845	9.889	VV	446	8903	0.12%	0.008%
130	9.911	9.889	9.928	VV	723	11973	0.16%	0.011%
131	9.934	9.928	9.961	VV	546	8163	0.11%	0.007%
132	9.989	9.961	10.022	VV	832	17480	0.24%	0.016%
133	10.032	10.022	10.055	VV	305	4584	0.06%	0.004%
134	10.069	10.055	10.078	VV	385	4711	0.06%	0.004%
135	10.094	10.078	10.125	VV	520	9840	0.13%	0.009%
136	10.146	10.125	10.161	VV	448	7263	0.10%	0.007%
137	10.187	10.161	10.222	VV	19079	209238	2.83%	0.188%
138	10.247	10.222	10.281	VV	1014	24814	0.34%	0.022%
139	10.314	10.281	10.398	VV	1578	36251	0.49%	0.033%
140	10.423	10.398	10.467	VV	395	8978	0.12%	0.008%
141	10.500	10.467	10.549	VV	231	5702	0.08%	0.005%

rteres

142	10.562	10.549	10.571	PV	138	924	0.01%	0.001%
143	10.591	10.571	10.607	VV	237	2808	0.04%	0.003%
144	10.662	10.607	10.686	VV	5788	68405	0.92%	0.061%
145	10.706	10.686	10.730	VV	949	14859	0.20%	0.013%
146	10.767	10.730	10.788	VV	778	18440	0.25%	0.017%
147	10.793	10.788	10.823	VV	556	7046	0.10%	0.006%
148	10.858	10.823	10.878	VV	568	11264	0.15%	0.010%
149	10.920	10.878	10.932	VV	607	11838	0.16%	0.011%
150	10.978	10.932	10.994	VV	940	22859	0.31%	0.021%
151	11.010	10.994	11.031	VV	1001	16129	0.22%	0.015%
152	11.056	11.031	11.076	VV	1835	26182	0.35%	0.024%
153	11.083	11.076	11.102	VV	396	5859	0.08%	0.005%
154	11.128	11.102	11.149	VV	1558	23794	0.32%	0.021%
155	11.161	11.149	11.191	VV	676	11869	0.16%	0.011%
156	11.198	11.191	11.228	VV	387	4746	0.06%	0.004%
157	11.282	11.228	11.295	VV	514	10538	0.14%	0.009%
158	11.327	11.295	11.371	VV	2515	46092	0.62%	0.041%
159	11.398	11.371	11.421	VV	631	13022	0.18%	0.012%
160	11.425	11.421	11.434	VV	422	2828	0.04%	0.003%
161	11.452	11.434	11.478	VV	543	9977	0.13%	0.009%
162	11.506	11.478	11.525	VV	369	7968	0.11%	0.007%
163	11.535	11.525	11.552	VV	262	3070	0.04%	0.003%
164	11.563	11.552	11.594	VV	273	4240	0.06%	0.004%
165	11.618	11.594	11.658	PV	532	10060	0.14%	0.009%
166	11.694	11.658	11.715	PV	936	13873	0.19%	0.012%
167	11.734	11.715	11.743	VV	681	8121	0.11%	0.007%
168	11.762	11.743	11.791	VV	1830	24543	0.33%	0.022%
169	11.800	11.791	11.811	VV	223	2005	0.03%	0.002%
170	11.853	11.811	11.901	VV	1989	31244	0.42%	0.028%
171	11.925	11.901	11.940	PV	361	4836	0.07%	0.004%
172	11.957	11.940	11.969	VV	511	5954	0.08%	0.005%
173	11.982	11.969	11.999	VV	540	6073	0.08%	0.005%
174	12.027	11.999	12.044	VV	628	10131	0.14%	0.009%
175	12.091	12.044	12.145	VV	391250	4252335	57.50%	3.823%
176	12.164	12.145	12.203	VV	1172	24628	0.33%	0.022%
177	12.220	12.203	12.232	VV	493	6851	0.09%	0.006%
178	12.250	12.232	12.266	VV	829	10219	0.14%	0.009%
179	12.282	12.266	12.298	VV	732	8133	0.11%	0.007%
180	12.314	12.298	12.341	VV	653	7507	0.10%	0.007%
181	12.372	12.341	12.395	PV	513	5663	0.08%	0.005%
182	12.434	12.395	12.475	VV	1761	35488	0.48%	0.032%
183	12.490	12.475	12.510	VV	389	5630	0.08%	0.005%
184	12.531	12.510	12.578	VV	771	13409	0.18%	0.012%
185	12.606	12.578	12.618	VV	291	3238	0.04%	0.003%
186	12.635	12.618	12.647	VV	327	3577	0.05%	0.003%
187	12.678	12.647	12.731	VV	16707	205630	2.78%	0.185%
188	12.742	12.731	12.761	VV	554	8578	0.12%	0.008%
189	12.777	12.761	12.787	VV	606	7028	0.10%	0.006%
190	12.813	12.787	12.835	VV	987	18391	0.25%	0.017%
191	12.850	12.835	12.871	VV	532	8960	0.12%	0.008%
192	12.897	12.871	12.908	VV	558	9823	0.13%	0.009%
193	12.924	12.908	12.952	VV	666	12167	0.16%	0.011%
194	13.035	12.952	13.058	VV	1160	34299	0.46%	0.031%

rteres

195	13.077	13.058	13.123	VV	2912	45816	0.62%	0.041%
196	13.155	13.123	13.238	VV	4360	73495	0.99%	0.066%
197	13.254	13.238	13.268	PV	206	2076	0.03%	0.002%
198	13.282	13.268	13.305	VV	329	3912	0.05%	0.004%
199	13.348	13.305	13.368	VV	503	9404	0.13%	0.008%
200	13.400	13.368	13.422	VV	435	7418	0.10%	0.007%
201	13.455	13.422	13.471	VV	2652	36208	0.49%	0.033%
202	13.482	13.471	13.494	VV	1610	19597	0.26%	0.018%
203	13.527	13.494	13.605	VV	281250	3352530	45.33%	3.014%
204	13.638	13.605	13.669	VV	680	14311	0.19%	0.013%
205	13.694	13.669	13.731	VV	1755	30160	0.41%	0.027%
206	13.742	13.731	13.767	VV	529	9392	0.13%	0.008%
207	13.786	13.767	13.835	VV	478	12491	0.17%	0.011%
208	13.850	13.835	13.858	VV	160	937	0.01%	0.001%
209	13.879	13.858	13.897	PV	339	4398	0.06%	0.004%
210	13.923	13.897	13.951	VV	1307	19984	0.27%	0.018%
211	13.966	13.951	13.985	VV	270	3634	0.05%	0.003%
212	13.995	13.985	14.006	PV	215	1101	0.01%	0.001%
213	14.044	14.006	14.077	VV	576	9487	0.13%	0.009%
214	14.116	14.077	14.128	VV	388	6554	0.09%	0.006%
215	14.155	14.128	14.181	VV	465	10912	0.15%	0.010%
216	14.199	14.181	14.208	VV	444	6638	0.09%	0.006%
217	14.228	14.208	14.257	VV	838	13697	0.19%	0.012%
218	14.280	14.257	14.298	PV	1953	25491	0.34%	0.023%
219	14.311	14.298	14.348	VV	951	21473	0.29%	0.019%
220	14.365	14.348	14.381	VV	352	5309	0.07%	0.005%
221	14.415	14.381	14.455	VV	1857	29734	0.40%	0.027%
222	14.516	14.455	14.542	PV	686	17555	0.24%	0.016%
223	14.578	14.542	14.591	VV	254	4092	0.06%	0.004%
224	14.674	14.591	14.705	VV	1198	29714	0.40%	0.027%
225	14.717	14.705	14.736	VV	960	10129	0.14%	0.009%
226	14.753	14.736	14.760	PV	331	2710	0.04%	0.002%
227	14.784	14.760	14.820	VV	957	20161	0.27%	0.018%
228	14.845	14.820	14.868	PV	1921	24690	0.33%	0.022%
229	14.881	14.868	14.895	VV	653	6544	0.09%	0.006%
230	14.967	14.895	15.008	VV	1089	29770	0.40%	0.027%
231	15.034	15.008	15.047	VV	360	5059	0.07%	0.005%
232	15.087	15.047	15.101	PV	675	11616	0.16%	0.010%
233	15.160	15.101	15.174	VV	758	24393	0.33%	0.022%
234	15.241	15.174	15.260	VV	740	28031	0.38%	0.025%
235	15.286	15.260	15.297	VV	867	14548	0.20%	0.013%
236	15.338	15.297	15.358	VV	2455	49043	0.66%	0.044%
237	15.383	15.358	15.410	VV	4364	75723	1.02%	0.068%
238	15.432	15.410	15.457	VV	2157	36173	0.49%	0.033%
239	15.484	15.457	15.515	VV	1018	29200	0.39%	0.026%
240	15.540	15.515	15.565	VV	888	19415	0.26%	0.017%
241	15.581	15.565	15.613	VV	749	12177	0.16%	0.011%
242	15.657	15.613	15.683	PV	685	16741	0.23%	0.015%
243	15.695	15.683	15.708	VV	423	3026	0.04%	0.003%
244	15.724	15.708	15.738	VV	318	3015	0.04%	0.003%
245	15.769	15.738	15.841	PV	13283	228275	3.09%	0.205%
246	15.864	15.841	15.885	VV	641	10025	0.14%	0.009%

rteres

247	15.912	15.885	15.952	VV	2669	65254	0.88%	0.059%
248	15.993	15.952	16.035	VV	3433	79741	1.08%	0.072%
249	16.056	16.035	16.069	VV	1221	19576	0.26%	0.018%
250	16.183	16.069	16.198	VV	1588	85788	1.16%	0.077%
251	16.225	16.198	16.267	VV	1659	56758	0.77%	0.051%
252	16.298	16.267	16.328	VV	1597	50707	0.69%	0.046%
253	16.342	16.328	16.355	VV	1379	20940	0.28%	0.019%
254	16.373	16.355	16.387	VV	1779	29295	0.40%	0.026%
255	16.411	16.387	16.435	VV	3507	62442	0.84%	0.056%
256	16.457	16.435	16.503	VV	1612	45858	0.62%	0.041%
257	16.524	16.503	16.535	VV	635	9168	0.12%	0.008%
258	16.618	16.535	16.675	VV	1198	39345	0.53%	0.035%
259	16.723	16.675	16.751	PV	861	25159	0.34%	0.023%
260	16.788	16.751	16.838	VV	3417	71750	0.97%	0.065%
261	16.899	16.838	16.948	VV	5369	109420	1.48%	0.098%
262	16.981	16.948	17.011	PV	3420	54315	0.73%	0.049%
263	17.052	17.011	17.068	VV	1041	28362	0.38%	0.025%
264	17.126	17.068	17.158	VV	1117	36475	0.49%	0.033%
265	17.228	17.158	17.258	VV	2415	64345	0.87%	0.058%
266	17.284	17.258	17.303	VV	1670	25296	0.34%	0.023%
267	17.363	17.303	17.388	VV	5713	98475	1.33%	0.089%
268	17.407	17.388	17.428	VV	2507	43311	0.59%	0.039%
269	17.440	17.428	17.468	VV	2183	25606	0.35%	0.023%
270	17.475	17.468	17.498	VV	645	6077	0.08%	0.005%
271	17.628	17.498	17.638	VV	1569	60121	0.81%	0.054%
272	17.648	17.638	17.668	VV	1319	19898	0.27%	0.018%
273	17.733	17.668	17.761	VV	2386	97546	1.32%	0.088%
274	17.813	17.761	17.843	VV	9323	185813	2.51%	0.167%
275	17.867	17.843	17.882	VV	1722	30896	0.42%	0.028%
276	17.903	17.882	17.922	VV	2271	34982	0.47%	0.031%
277	17.942	17.922	17.981	VV	1910	38854	0.53%	0.035%
278	18.010	17.981	18.021	PV	773	11765	0.16%	0.011%
279	18.046	18.021	18.057	PV	278	5499	0.07%	0.005%
280	18.254	18.057	18.306	PV	12571	482300	6.52%	0.434%
281	18.348	18.306	18.367	VV	5138	140515	1.90%	0.126%
282	18.421	18.367	18.482	VV	8823	364815	4.93%	0.328%
283	18.528	18.482	18.539	VV	4643	135471	1.83%	0.122%
284	18.617	18.539	18.648	VV	12624	449021	6.07%	0.404%
285	18.680	18.648	18.714	VV	14052	343249	4.64%	0.309%
286	18.791	18.714	18.835	VV	12065	507526	6.86%	0.456%
287	18.855	18.835	18.865	VV	6866	114353	1.55%	0.103%
288	18.943	18.865	18.966	VV	10251	522380	7.06%	0.470%
289	18.994	18.966	19.018	VV	10626	308367	4.17%	0.277%
290	19.089	19.018	19.121	VV	22580	870080	11.76%	0.782%
291	19.129	19.121	19.148	VV	12397	190823	2.58%	0.172%
292	19.213	19.148	19.238	VV	18355	795224	10.75%	0.715%
293	19.263	19.238	19.295	VV	17964	530909	7.18%	0.477%
294	19.316	19.295	19.332	VV	14067	302985	4.10%	0.272%
295	19.450	19.332	19.465	VV	21862	1346936	18.21%	1.211%
296	19.488	19.465	19.521	VV	29538	853019	11.53%	0.767%
297	19.546	19.521	19.559	VV	25778	539798	7.30%	0.485%
298	19.640	19.559	19.655	VV	30996	1547739	20.93%	1.391%
299	19.669	19.655	19.688	VV	29288	575268	7.78%	0.517%

rteres

300	19.741	19.688	19.785	VV	35741	1825461	24.68%	1.641%
301	19.795	19.785	19.835	VV	30903	872534	11.80%	0.784%
302	19.874	19.835	19.896	VV	38826	1197538	16.19%	1.077%
303	19.924	19.896	19.961	VV	34268	1259615	17.03%	1.132%
304	20.019	19.961	20.037	VV	38525	1616936	21.86%	1.454%
305	20.128	20.037	20.141	VV	45168	2604168	35.21%	2.341%
306	20.180	20.141	20.197	VV	46462	1499842	20.28%	1.348%
307	20.252	20.197	20.296	VV	56641	2853371	38.58%	2.565%
308	20.364	20.296	20.385	VV	52395	2634946	35.63%	2.369%
309	20.486	20.385	20.521	VV	60122	4529135	61.24%	4.072%
310	20.543	20.521	20.568	VV	58932	1591209	21.52%	1.431%
311	20.589	20.568	20.598	VV	57882	996652	13.48%	0.896%
312	20.615	20.598	20.645	VV	62267	1695517	22.93%	1.524%
313	20.672	20.645	20.682	VV	63436	1353421	18.30%	1.217%
314	20.707	20.682	20.758	VV	68390	2907249	39.31%	2.614%
315	20.797	20.758	20.822	VV	69795	2530925	34.22%	2.275%
316	20.847	20.822	20.868	VV	69177	1876481	25.37%	1.687%
317	20.886	20.868	20.908	VV	69581	1594892	21.57%	1.434%
318	20.917	20.908	20.948	VV	63854	1492597	20.18%	1.342%
319	20.952	20.948	20.957	VV	60501	338911	4.58%	0.305%
320	20.984	20.957	21.027	VV	68911	2687880	36.34%	2.416%
321	21.061	21.027	21.110	VV	64516	3113094	42.09%	2.799%
322	21.214	21.110	21.307	VV	69456	7395680	100.00%	6.649%
323	21.404	21.307	21.479	VV	65093	5733625	77.53%	5.155%
324	21.501	21.479	21.510	VV	47726	874268	11.82%	0.786%
325	21.522	21.510	21.533	VV	47055	622703	8.42%	0.560%
326	21.552	21.533	21.567	VV	47435	943003	12.75%	0.848%
327	21.577	21.567	21.600	VV	46973	935623	12.65%	0.841%
328	21.610	21.600	21.621	VV	46504	566685	7.66%	0.509%
329	21.654	21.621	21.668	VV	48633	1306883	17.67%	1.175%
330	21.692	21.668	21.708	VV	49708	1168211	15.80%	1.050%
331	21.746	21.708	21.834	VV	50222	3548830	47.99%	3.190%
332	21.862	21.834	21.910	VV	46249	1979239	26.76%	1.779%
333	21.924	21.910	21.945	VV	43927	898861	12.15%	0.808%
334	21.996	21.945	22.041	VV	44267	2344094	31.70%	2.107%
335	22.082	22.041	22.175	VV	42718	3114340	42.11%	2.800%
336	22.183	22.175	22.199	VV	33602	463273	6.26%	0.416%
337	22.262	22.199	22.283	VV	34493	1630885	22.05%	1.466%
338	22.294	22.283	22.304	VV	32442	405835	5.49%	0.365%
339	22.314	22.304	22.328	VV	32085	448465	6.06%	0.403%
340	22.339	22.328	22.380	VV	32094	984037	13.31%	0.885%
341	22.396	22.380	22.433	VV	32526	957816	12.95%	0.861%
342	22.444	22.433	22.500	VV	28372	1086608	14.69%	0.977%
343	22.513	22.500	22.525	VV	26417	387691	5.24%	0.349%
344	22.562	22.525	22.698	VV	29827	2138552	28.92%	1.923%
345	22.772	22.698	22.808	VV	17813	980481	13.26%	0.881%
346	22.818	22.808	22.851	VV	14165	340933	4.61%	0.307%
347	22.859	22.851	22.866	VV	12795	112216	1.52%	0.101%
348	22.907	22.866	22.917	VV	15227	418267	5.66%	0.376%
349	23.009	22.917	23.068	VV	24068	1733251	23.44%	1.558%
350	23.081	23.068	23.098	VV	18691	317884	4.30%	0.286%
351	23.110	23.098	23.203	VV	17845	612666	8.28%	0.551%

rteres

352	23.222	23.203	23.239	VV	2120	26984	0.36%	0.024%
353	23.281	23.239	23.291	PV	1306	19557	0.26%	0.018%

Sum of corrected areas: 111231597

Aliphatic EPH 072625.M Tue Jul 29 04:11:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
Data File : FE055063.D
Signal(s) : FID1B.ch
Acq On : 29 Jul 2025 11:39
Operator : YP\AJ
Sample : Q2705-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
FG1ADL

Integration File: sample.E
Quant Time: Jul 30 00:22:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
Quant Title : GC Extractables
QLast Update : Sat Jul 26 03:55:28 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)	12.089	2149407	14.521 ug/ml
Spiked Amount 50.000		Recovery =	29.04%
12) S 1-chlorooctadecane (S...	13.525	1671596	14.927 ug/ml
Spiked Amount 50.000		Recovery =	29.85%
Target Compounds			

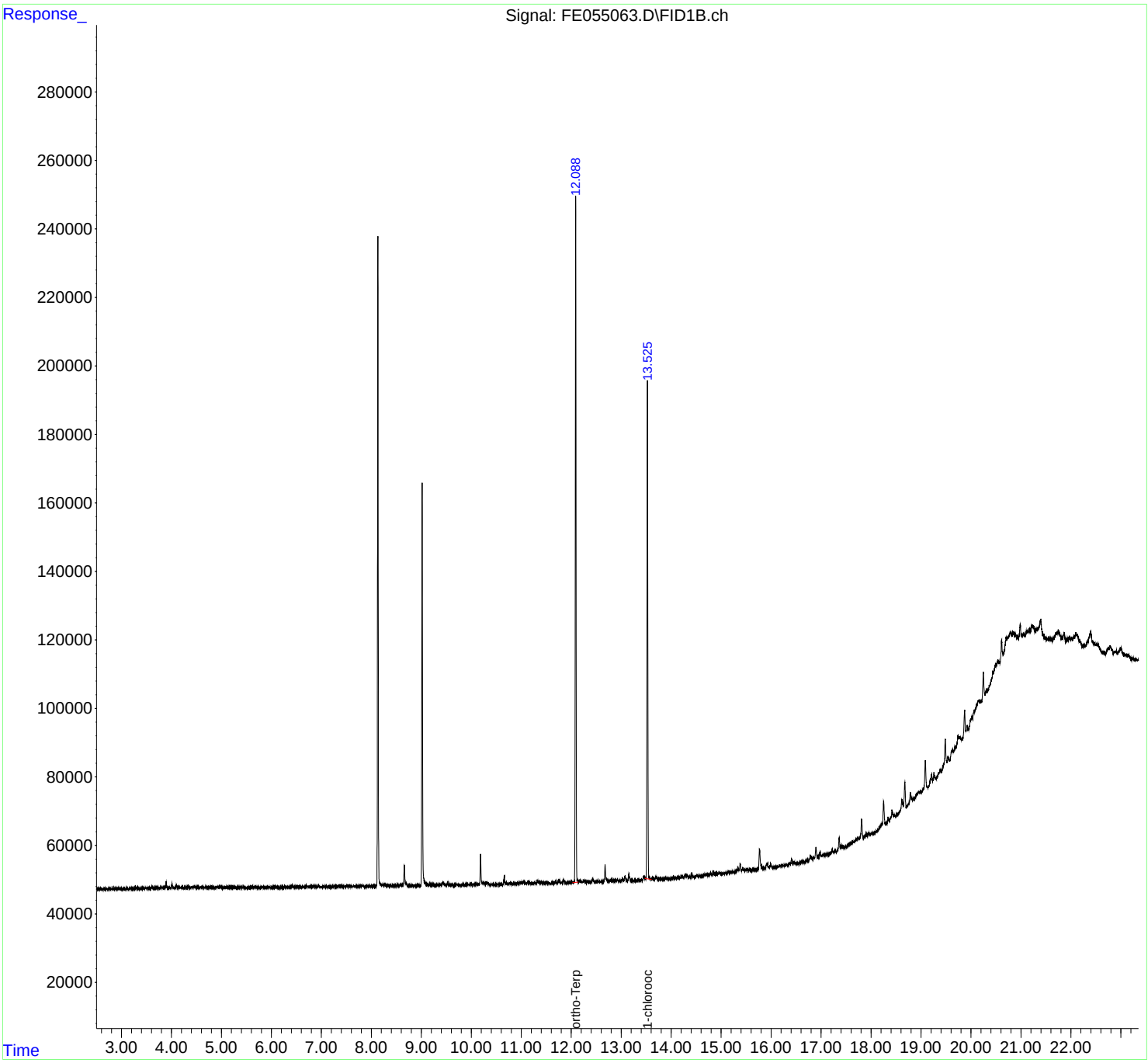
(f)=RT Delta > 1/2 Window (m)=manual int.

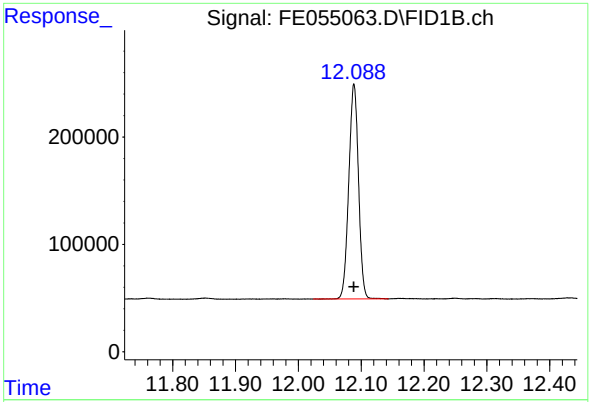
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
Data File : FE055063.D
Signal(s) : FID1B.ch
Acq On : 29 Jul 2025 11:39
Operator : YP\AJ
Sample : Q2705-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
FG1ADL

Integration File: sample.E
Quant Time: Jul 30 00:22:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
Quant Title : GC Extractables
QLast Update : Sat Jul 26 03:55:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

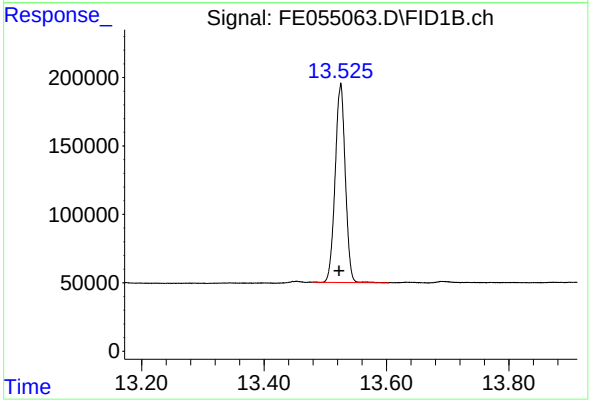




#9 ortho-Terphenyl (SURR)

R.T.: 12.089 min
Delta R.T.: 0.000 min
Response: 2149407
Conc: 14.52 ug/ml

Instrument :
FID_E
ClientSampleId :
FG1ADL



#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.002 min
Response: 1671596
Conc: 14.93 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
Data File : FE055063.D
Signal(s) : FID1B.ch
Acq On : 29 Jul 2025 11:39
Sample : Q2705-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.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	2.845	2.804	2.874	BV	202	3228	0.11%	0.006%
2	2.913	2.874	2.969	VV	160	6350	0.22%	0.012%
3	2.978	2.969	3.001	VV	132	1343	0.05%	0.003%
4	3.044	3.001	3.058	VV	124	2326	0.08%	0.004%
5	3.102	3.058	3.141	VV	143	4667	0.16%	0.009%
6	3.162	3.141	3.208	VV	216	5098	0.17%	0.010%
7	3.280	3.208	3.291	VV	250	9131	0.31%	0.018%
8	3.302	3.291	3.321	VV	269	4268	0.15%	0.008%
9	3.328	3.321	3.391	VV	267	7647	0.26%	0.015%
10	3.401	3.391	3.410	VV	234	1997	0.07%	0.004%
11	3.427	3.410	3.466	VV	300	7101	0.24%	0.014%
12	3.481	3.466	3.500	VV	266	4096	0.14%	0.008%
13	3.606	3.500	3.639	VV	679	23330	0.80%	0.045%
14	3.651	3.639	3.699	VV	354	11264	0.39%	0.022%
15	3.710	3.699	3.748	VV	387	9417	0.32%	0.018%
16	3.773	3.748	3.798	VV	351	9803	0.34%	0.019%
17	3.815	3.798	3.838	VV	474	8771	0.30%	0.017%
18	3.894	3.838	3.927	VV	2111	34132	1.17%	0.065%
19	3.944	3.927	3.958	VV	368	5934	0.20%	0.011%
20	3.962	3.958	3.989	VV	389	6337	0.22%	0.012%
21	4.011	3.989	4.062	VV	1705	26603	0.91%	0.051%
22	4.101	4.062	4.171	VV	1294	31839	1.09%	0.061%
23	4.194	4.171	4.204	VV	422	7173	0.25%	0.014%
24	4.228	4.204	4.235	VV	446	7602	0.26%	0.015%
25	4.242	4.235	4.248	VV	414	3091	0.11%	0.006%
26	4.313	4.248	4.389	VV	496	35359	1.21%	0.068%
27	4.408	4.389	4.431	VV	555	11959	0.41%	0.023%
28	4.450	4.431	4.501	VV	623	20640	0.71%	0.040%
29	4.545	4.501	4.558	VV	519	15441	0.53%	0.030%
30	4.562	4.558	4.602	VV	488	11471	0.39%	0.022%
31	4.611	4.602	4.634	VV	445	7643	0.26%	0.015%
32	4.644	4.634	4.666	VV	429	7891	0.27%	0.015%
33	4.685	4.666	4.737	VV	554	19510	0.67%	0.037%
34	4.746	4.737	4.836	VV	503	24758	0.85%	0.047%
35	4.849	4.836	4.865	VV	450	6774	0.23%	0.013%
36	4.878	4.865	4.888	VV	403	5253	0.18%	0.010%

rteres

37	4.913	4.888	4.924	VV	449	8852	0.30%	0.017%
38	4.936	4.924	4.941	VV	438	3960	0.14%	0.008%
39	4.950	4.941	4.988	VV	442	11487	0.39%	0.022%
40	5.004	4.988	5.030	VV	479	10710	0.37%	0.021%
41	5.052	5.030	5.094	VV	491	16940	0.58%	0.032%
42	5.101	5.094	5.298	VV	487	49622	1.70%	0.095%
43	5.303	5.298	5.318	VV	386	4388	0.15%	0.008%
44	5.341	5.318	5.354	VV	422	8423	0.29%	0.016%
45	5.360	5.354	5.378	VV	392	5140	0.18%	0.010%
46	5.390	5.378	5.421	VV	447	10090	0.35%	0.019%
47	5.435	5.421	5.478	VV	460	13049	0.45%	0.025%
48	5.501	5.478	5.556	VV	430	16737	0.57%	0.032%
49	5.630	5.556	5.661	PV	674	22282	0.76%	0.043%
50	5.700	5.661	5.748	VV	469	17915	0.61%	0.034%
51	5.782	5.748	5.801	VV	366	10353	0.35%	0.020%
52	5.822	5.801	5.841	VV	470	8947	0.31%	0.017%
53	5.878	5.841	5.918	VV	464	16226	0.56%	0.031%
54	5.937	5.918	5.985	VV	401	13025	0.45%	0.025%
55	6.027	5.985	6.043	VV	380	10965	0.38%	0.021%
56	6.054	6.043	6.109	VV	361	12281	0.42%	0.024%
57	6.128	6.109	6.200	VV	326	14922	0.51%	0.029%
58	6.220	6.200	6.248	VV	309	7544	0.26%	0.014%
59	6.265	6.248	6.291	VV	358	7877	0.27%	0.015%
60	6.305	6.291	6.327	VV	317	5936	0.20%	0.011%
61	6.338	6.327	6.351	VV	349	4212	0.14%	0.008%
62	6.356	6.351	6.381	VV	372	5409	0.19%	0.010%
63	6.405	6.381	6.478	VV	620	22163	0.76%	0.043%
64	6.519	6.478	6.535	VV	381	11674	0.40%	0.022%
65	6.566	6.535	6.578	VV	353	7890	0.27%	0.015%
66	6.626	6.578	6.664	VV	341	14980	0.51%	0.029%
67	6.700	6.664	6.758	VV	595	21006	0.72%	0.040%
68	6.777	6.758	6.836	VV	351	14178	0.49%	0.027%
69	6.857	6.836	6.898	VV	428	11486	0.39%	0.022%
70	6.941	6.898	7.005	VV	365	18310	0.63%	0.035%
71	7.014	7.005	7.035	VV	316	4185	0.14%	0.008%
72	7.057	7.035	7.115	VV	324	10850	0.37%	0.021%
73	7.165	7.115	7.188	VV	280	9696	0.33%	0.019%
74	7.194	7.188	7.208	VV	293	2780	0.10%	0.005%
75	7.269	7.208	7.288	VV	346	10627	0.36%	0.020%
76	7.349	7.288	7.432	VV	460	26052	0.89%	0.050%
77	7.440	7.432	7.455	VV	266	3274	0.11%	0.006%
78	7.461	7.455	7.485	VV	229	4033	0.14%	0.008%
79	7.507	7.485	7.533	VV	390	7887	0.27%	0.015%
80	7.546	7.533	7.571	VV	324	5720	0.20%	0.011%
81	7.587	7.571	7.628	VV	326	7605	0.26%	0.015%
82	7.644	7.628	7.667	VV	350	6468	0.22%	0.012%
83	7.678	7.667	7.694	VV	333	4423	0.15%	0.008%
84	7.701	7.694	7.748	VV	267	7617	0.26%	0.015%
85	7.814	7.748	7.828	VV	340	11945	0.41%	0.023%
86	7.831	7.828	7.892	VV	238	6193	0.21%	0.012%
87	7.906	7.892	7.975	VV	176	6279	0.22%	0.012%
88	7.994	7.975	8.077	VV	228	8871	0.30%	0.017%
89	8.238	8.214	8.261	VV	596	14700	0.50%	0.028%

rteres

90	8.272	8.261	8.375	VV	735	21051	0.72%	0.040%
91	8.393	8.375	8.404	VV	240	3644	0.12%	0.007%
92	8.412	8.404	8.421	VV	215	1959	0.07%	0.004%
93	8.438	8.421	8.489	VV	221	7756	0.27%	0.015%
94	8.516	8.489	8.533	VV	443	7847	0.27%	0.015%
95	8.587	8.533	8.611	VV	503	15483	0.53%	0.030%
96	8.629	8.611	8.636	VV	535	7071	0.24%	0.014%
97	8.660	8.636	8.681	VV	6187	76076	2.61%	0.146%
98	8.694	8.681	8.746	VV	1057	23972	0.82%	0.046%
99	8.760	8.746	8.779	VV	342	5344	0.18%	0.010%
100	8.793	8.779	8.798	VV	266	2659	0.09%	0.005%
101	8.806	8.798	8.845	VV	310	6182	0.21%	0.012%
102	8.871	8.845	8.888	VV	245	4268	0.15%	0.008%
103	8.916	8.888	8.928	VV	184	3480	0.12%	0.007%
104	8.935	8.928	8.969	VV	175	2771	0.09%	0.005%
105	9.170	9.143	9.220	VV	704	19826	0.68%	0.038%
106	9.237	9.220	9.267	VV	542	10149	0.35%	0.019%
107	9.280	9.267	9.298	VV	220	3769	0.13%	0.007%
108	9.315	9.298	9.341	VV	313	6660	0.23%	0.013%
109	9.352	9.341	9.379	VV	380	6393	0.22%	0.012%
110	9.389	9.379	9.403	VV	312	4170	0.14%	0.008%
111	9.433	9.403	9.498	VV	1072	29290	1.00%	0.056%
112	9.527	9.498	9.554	VV	817	15639	0.54%	0.030%
113	9.571	9.554	9.587	VV	420	6523	0.22%	0.013%
114	9.600	9.587	9.641	VV	279	5049	0.17%	0.010%
115	9.688	9.641	9.700	VV	337	5900	0.20%	0.011%
116	9.716	9.700	9.778	VV	289	6575	0.23%	0.013%
117	9.824	9.778	9.853	VV	389	7619	0.26%	0.015%
118	9.865	9.853	9.873	VV	190	1877	0.06%	0.004%
119	9.908	9.873	9.924	VV	428	8655	0.30%	0.017%
120	9.940	9.924	9.964	VV	361	6817	0.23%	0.013%
121	9.990	9.964	10.020	VV	525	10294	0.35%	0.020%
122	10.033	10.020	10.050	VV	205	3213	0.11%	0.006%
123	10.090	10.050	10.113	VV	371	9099	0.31%	0.017%
124	10.147	10.113	10.160	VV	332	6825	0.23%	0.013%
125	10.186	10.160	10.221	VV	8998	105079	3.60%	0.202%
126	10.245	10.221	10.288	VV	563	17241	0.59%	0.033%
127	10.312	10.288	10.398	VV	937	21513	0.74%	0.041%
128	10.420	10.398	10.471	VV	291	6031	0.21%	0.012%
129	10.493	10.471	10.506	VV	192	2217	0.08%	0.004%
130	10.517	10.506	10.568	VV	104	2406	0.08%	0.005%
131	10.586	10.568	10.613	PV	146	2668	0.09%	0.005%
132	10.622	10.613	10.628	VV	135	832	0.03%	0.002%
133	10.661	10.628	10.687	VV	2733	33918	1.16%	0.065%
134	10.704	10.687	10.731	VV	526	9155	0.31%	0.018%
135	10.762	10.731	10.827	VV	457	16547	0.57%	0.032%
136	10.855	10.827	10.881	VV	334	6836	0.23%	0.013%
137	10.918	10.881	10.931	VV	313	7381	0.25%	0.014%
138	10.942	10.931	10.950	VV	309	3376	0.12%	0.006%
139	10.977	10.950	10.995	VV	584	12128	0.42%	0.023%
140	11.009	10.995	11.028	VV	663	9724	0.33%	0.019%
141	11.055	11.028	11.101	VV	1064	19949	0.68%	0.038%

rteres

142	11.128	11.101	11.144	VV	848	13171	0.45%	0.025%
143	11.160	11.144	11.234	VV	625	15345	0.53%	0.029%
144	11.283	11.234	11.304	VV	406	9975	0.34%	0.019%
145	11.324	11.304	11.373	VV	1030	20912	0.72%	0.040%
146	11.397	11.373	11.481	VV	403	16849	0.58%	0.032%
147	11.488	11.481	11.531	VV	242	5765	0.20%	0.011%
148	11.539	11.531	11.558	VV	195	2551	0.09%	0.005%
149	11.568	11.558	11.598	VV	246	3084	0.11%	0.006%
150	11.618	11.598	11.655	VV	335	6808	0.23%	0.013%
151	11.692	11.655	11.716	PV	807	11349	0.39%	0.022%
152	11.761	11.716	11.821	VV	1030	21402	0.73%	0.041%
153	11.852	11.821	11.908	VV	1045	16749	0.57%	0.032%
154	11.924	11.908	11.941	VV	205	3091	0.11%	0.006%
155	11.958	11.941	11.971	VV	255	3458	0.12%	0.007%
156	11.979	11.971	12.004	VV	296	3593	0.12%	0.007%
157	12.089	12.004	12.144	VV	199811	2163540	74.13%	4.150%
158	12.162	12.144	12.204	VV	629	14331	0.49%	0.027%
159	12.249	12.204	12.267	VV	751	13185	0.45%	0.025%
160	12.280	12.267	12.296	VV	381	4374	0.15%	0.008%
161	12.314	12.296	12.344	VV	420	4266	0.15%	0.008%
162	12.371	12.344	12.388	PV	320	4161	0.14%	0.008%
163	12.431	12.388	12.478	VV	970	21869	0.75%	0.042%
164	12.490	12.478	12.504	VV	218	2341	0.08%	0.004%
165	12.530	12.504	12.551	VV	382	5806	0.20%	0.011%
166	12.565	12.551	12.576	VV	144	1237	0.04%	0.002%
167	12.605	12.576	12.621	VV	136	2573	0.09%	0.005%
168	12.677	12.621	12.738	VV	4997	73874	2.53%	0.142%
169	12.750	12.738	12.760	VV	395	4286	0.15%	0.008%
170	12.774	12.760	12.790	VV	412	6154	0.21%	0.012%
171	12.809	12.790	12.841	VV	572	11924	0.41%	0.023%
172	12.848	12.841	12.868	VV	291	4249	0.15%	0.008%
173	12.895	12.868	12.911	VV	357	7943	0.27%	0.015%
174	12.923	12.911	12.964	VV	430	8059	0.28%	0.015%
175	13.034	12.964	13.051	VV	705	19834	0.68%	0.038%
176	13.075	13.051	13.128	VV	1575	28011	0.96%	0.054%
177	13.153	13.128	13.218	VV	2091	37934	1.30%	0.073%
178	13.223	13.218	13.237	VV	171	1389	0.05%	0.003%
179	13.286	13.237	13.307	VV	184	3820	0.13%	0.007%
180	13.345	13.307	13.380	PV	305	6594	0.23%	0.013%
181	13.398	13.380	13.420	VV	205	3454	0.12%	0.007%
182	13.453	13.420	13.469	PV	1338	19922	0.68%	0.038%
183	13.480	13.469	13.491	VV	740	9134	0.31%	0.018%
184	13.525	13.491	13.614	VV	143619	1697835	58.17%	3.257%
185	13.635	13.614	13.668	VV	485	9471	0.32%	0.018%
186	13.692	13.668	13.722	VV	1027	17186	0.59%	0.033%
187	13.733	13.722	13.763	VV	286	5521	0.19%	0.011%
188	13.772	13.763	13.795	VV	250	3088	0.11%	0.006%
189	13.806	13.795	13.832	VV	217	2453	0.08%	0.005%
190	13.845	13.832	13.858	VV	54	642	0.02%	0.001%
191	13.873	13.858	13.891	VV	246	3546	0.12%	0.007%
192	13.926	13.891	13.984	VV	372	10252	0.35%	0.020%
193	14.005	13.984	14.014	VV	110	1114	0.04%	0.002%
194	14.043	14.014	14.065	PV	300	5543	0.19%	0.011%

rteres

195	14.098	14.065	14.114	VV	406	6293	0.22%	0.012%
196	14.142	14.114	14.177	VV	307	8939	0.31%	0.017%
197	14.198	14.177	14.208	VV	306	4350	0.15%	0.008%
198	14.227	14.208	14.256	VV	575	8669	0.30%	0.017%
199	14.278	14.256	14.353	VV	1111	27466	0.94%	0.053%
200	14.365	14.353	14.386	VV	239	3043	0.10%	0.006%
201	14.411	14.386	14.458	VV	1181	14899	0.51%	0.029%
202	14.517	14.458	14.558	PV	400	9824	0.34%	0.019%
203	14.575	14.558	14.594	VV	245	2448	0.08%	0.005%
204	14.674	14.594	14.698	VV	637	16413	0.56%	0.031%
205	14.718	14.698	14.738	VV	525	6520	0.22%	0.013%
206	14.784	14.738	14.821	VV	529	14736	0.50%	0.028%
207	14.844	14.821	14.864	VV	1134	14525	0.50%	0.028%
208	14.880	14.864	14.896	VV	386	4620	0.16%	0.009%
209	14.921	14.896	14.932	VV	315	4893	0.17%	0.009%
210	14.967	14.932	14.999	VV	586	12348	0.42%	0.024%
211	15.023	14.999	15.042	VV	194	3516	0.12%	0.007%
212	15.088	15.042	15.107	PV	256	5625	0.19%	0.011%
213	15.153	15.107	15.175	VV	272	7679	0.26%	0.015%
214	15.223	15.175	15.255	VV	419	10023	0.34%	0.019%
215	15.276	15.255	15.294	VV	339	4275	0.15%	0.008%
216	15.337	15.294	15.354	VV	1130	20614	0.71%	0.040%
217	15.382	15.354	15.408	VV	2451	37696	1.29%	0.072%
218	15.431	15.408	15.455	VV	1184	17944	0.61%	0.034%
219	15.492	15.455	15.511	VV	479	11814	0.40%	0.023%
220	15.534	15.511	15.555	VV	487	7517	0.26%	0.014%
221	15.578	15.555	15.614	VV	365	6625	0.23%	0.013%
222	15.640	15.614	15.681	PV	332	7384	0.25%	0.014%
223	15.768	15.681	15.841	VV	5821	113276	3.88%	0.217%
224	15.860	15.841	15.882	VV	360	5875	0.20%	0.011%
225	15.909	15.882	15.948	VV	1432	32683	1.12%	0.063%
226	15.961	15.948	15.974	VV	388	5280	0.18%	0.010%
227	15.990	15.974	16.033	VV	1275	21923	0.75%	0.042%
228	16.057	16.033	16.078	VV	261	3635	0.12%	0.007%
229	16.172	16.078	16.201	PV	419	11351	0.39%	0.022%
230	16.226	16.201	16.244	VV	351	6345	0.22%	0.012%
231	16.251	16.244	16.263	VV	219	1667	0.06%	0.003%
232	16.373	16.263	16.385	PV	593	21122	0.72%	0.041%
233	16.409	16.385	16.434	VV	1817	27381	0.94%	0.053%
234	16.469	16.434	16.507	VV	644	17788	0.61%	0.034%
235	16.542	16.507	16.555	VV	197	4408	0.15%	0.008%
236	16.615	16.555	16.664	PV	656	18664	0.64%	0.036%
237	16.724	16.664	16.747	PV	572	16237	0.56%	0.031%
238	16.788	16.747	16.837	VV	1744	45807	1.57%	0.088%
239	16.897	16.837	16.943	VV	3631	81220	2.78%	0.156%
240	16.978	16.943	17.000	VV	2101	36820	1.26%	0.071%
241	17.044	17.000	17.072	VV	982	34401	1.18%	0.066%
242	17.118	17.072	17.141	VV	958	32788	1.12%	0.063%
243	17.224	17.141	17.263	VV	1768	73662	2.52%	0.141%
244	17.282	17.263	17.308	VV	1567	30381	1.04%	0.058%
245	17.362	17.308	17.388	VV	4685	108947	3.73%	0.209%
246	17.404	17.388	17.424	VV	2349	44882	1.54%	0.086%

rteres

247	17.439	17.424	17.474	VV	2274	53926	1.85%	0.103%
248	17.549	17.474	17.558	VV	2131	90167	3.09%	0.173%
249	17.630	17.558	17.658	VV	2707	143858	4.93%	0.276%
250	17.738	17.658	17.757	VV	3385	176865	6.06%	0.339%
251	17.776	17.757	17.783	VV	3609	51587	1.77%	0.099%
252	17.812	17.783	17.848	VV	8538	201200	6.89%	0.386%
253	17.865	17.848	17.880	VV	3646	66609	2.28%	0.128%
254	17.898	17.880	17.918	VV	4098	83172	2.85%	0.160%
255	17.948	17.918	17.978	VV	4139	133730	4.58%	0.257%
256	18.004	17.978	18.018	VV	3988	89332	3.06%	0.171%
257	18.251	18.018	18.298	VV	12360	887904	30.42%	1.703%
258	18.342	18.298	18.367	VV	7330	258956	8.87%	0.497%
259	18.419	18.367	18.441	VV	9151	334520	11.46%	0.642%
260	18.453	18.441	18.486	VV	7691	197707	6.77%	0.379%
261	18.525	18.486	18.536	VV	7724	224389	7.69%	0.430%
262	18.618	18.536	18.648	VV	11493	605372	20.74%	1.161%
263	18.675	18.648	18.710	VV	16388	448668	15.37%	0.861%
264	18.785	18.710	18.834	VV	13049	786695	26.96%	1.509%
265	18.855	18.834	18.868	VV	11051	217688	7.46%	0.418%
266	18.912	18.868	18.922	VV	12352	374381	12.83%	0.718%
267	18.949	18.922	18.973	VV	12434	377731	12.94%	0.725%
268	19.085	18.973	19.139	VV	21312	1403793	48.10%	2.693%
269	19.211	19.139	19.232	VV	16774	835834	28.64%	1.603%
270	19.258	19.232	19.283	VV	17153	484594	16.60%	0.930%
271	19.390	19.283	19.406	VV	17622	1200649	41.14%	2.303%
272	19.541	19.517	19.576	VV	20883	705225	24.16%	1.353%
273	19.633	19.576	19.649	VV	22619	935787	32.06%	1.795%
274	19.677	19.649	19.687	VV	23049	515236	17.65%	0.988%
275	19.741	19.687	19.811	VV	26450	1839454	63.03%	3.529%
276	19.872	19.811	19.903	VV	33124	1521505	52.13%	2.919%
277	19.919	19.903	19.960	VV	28397	954433	32.70%	1.831%
278	20.015	19.960	20.032	VV	30891	1269813	43.51%	2.436%
279	20.151	20.032	20.171	VV	35095	2776953	95.15%	5.327%
280	20.180	20.171	20.214	VV	35169	882923	30.25%	1.694%
281	20.247	20.214	20.282	VV	42873	1554872	53.28%	2.983%
282	20.312	20.282	20.322	VV	37758	898542	30.79%	1.724%
283	20.438	20.322	20.446	VV	42347	2918522	100.00%	5.599%
284	20.537	20.446	20.556	VV	45535	2891392	99.07%	5.547%
285	20.613	20.556	20.648	VV	50833	2586159	88.61%	4.961%
286	20.703	20.648	20.718	VV	51568	2065430	70.77%	3.962%
287	20.783	20.718	20.798	VV	52611	2495880	85.52%	4.788%
288	20.805	20.798	20.823	VV	52519	776279	26.60%	1.489%
289	20.837	20.823	20.884	VV	52468	1921353	65.83%	3.686%
290	20.887	20.884	20.916	VV	51987	978410	33.52%	1.877%
291	20.927	20.916	20.947	VV	51143	952644	32.64%	1.828%
292	20.985	20.947	21.027	VV	54258	2474762	84.80%	4.748%
293	21.054	21.027	21.071	VV	51428	1341804	45.98%	2.574%

Sum of corrected areas: 52127294

Aliphatic EPH 072625.M Wed Jul 30 04:23:23 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072825AL\
Data File : FE055052.D
Signal(s) : FID1B.ch
Acq On : 28 Jul 2025 17:21
Operator : YP\AJ
Sample : Q2705-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
FG1B

Integration File: sample.E
Quant Time: Jul 29 02:40:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
Quant Title : GC Extractables
QLast Update : Sat Jul 26 03:55:28 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)	12.092	5266198	35.577 ug/ml
Spiked Amount 50.000		Recovery =	71.15%
12) S 1-chlorooctadecane (S...	13.529	4202139	37.525 ug/ml
Spiked Amount 50.000		Recovery =	75.05%
Target Compounds			

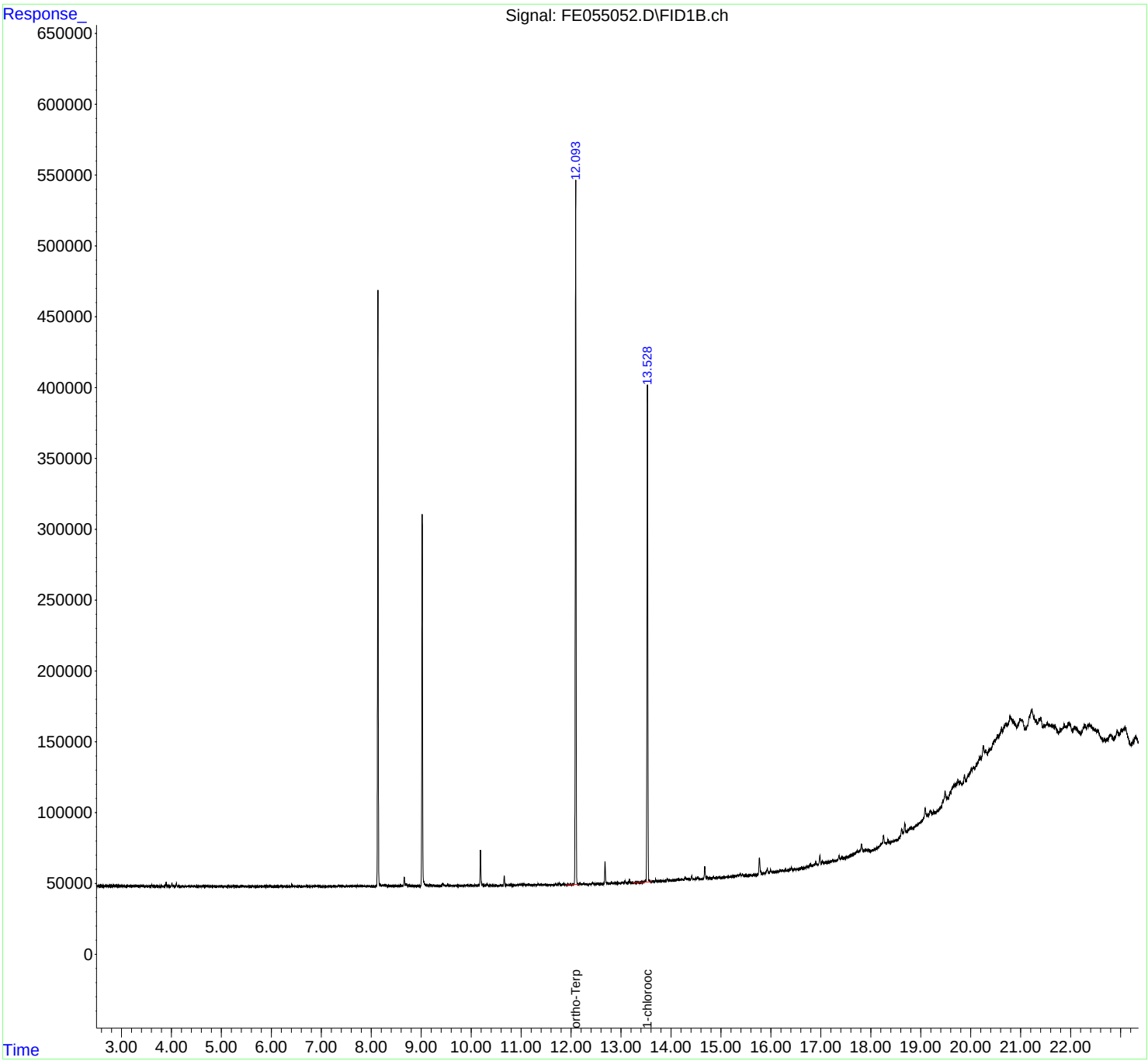
(f)=RT Delta > 1/2 Window (m)=manual int.

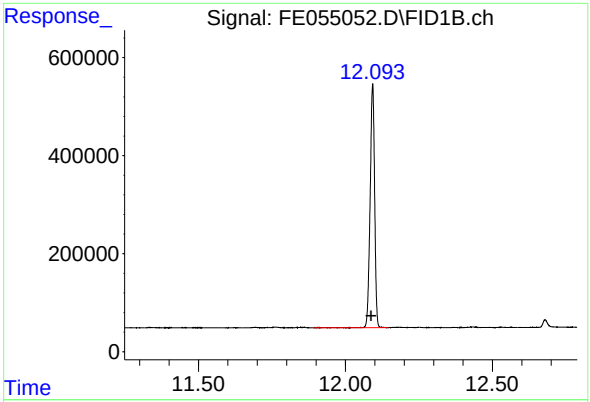
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072825AL\
Data File : FE055052.D
Signal(s) : FID1B.ch
Acq On : 28 Jul 2025 17:21
Operator : YP\AJ
Sample : Q2705-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
FG1B

Integration File: sample.E
Quant Time: Jul 29 02:40:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
Quant Title : GC Extractables
QLast Update : Sat Jul 26 03:55:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

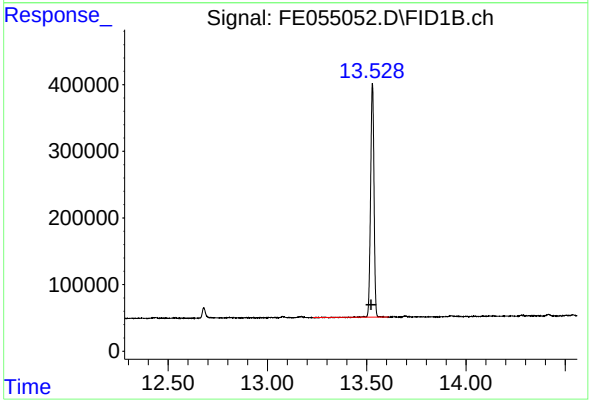




#9 ortho-Terphenyl (SURR)

R.T.: 12.092 min
Delta R.T.: 0.004 min
Response: 5266198
Conc: 35.58 ug/ml

Instrument :
FID_E
ClientSampleId :
FG1B



#12 1-chlorooctadecane (SURR)

R.T.: 13.529 min
Delta R.T.: 0.006 min
Response: 4202139
Conc: 37.52 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072825AL\
Data File : FE055052.D
Signal(s) : FID1B.ch
Acq On : 28 Jul 2025 17:21
Sample : Q2705-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.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	2.841	2.804	2.884	PV	254	4504	0.08%	0.007%
2	2.913	2.884	3.004	PV	208	5343	0.09%	0.008%
3	3.015	3.004	3.091	PV	63	2231	0.04%	0.003%
4	3.156	3.091	3.202	VV	191	4955	0.08%	0.007%
5	3.244	3.202	3.253	PV	237	2798	0.05%	0.004%
6	3.267	3.253	3.385	VV	339	11279	0.19%	0.016%
7	3.426	3.385	3.441	VV	191	3542	0.06%	0.005%
8	3.445	3.441	3.478	VV	114	1620	0.03%	0.002%
9	3.482	3.478	3.548	VV	112	2581	0.04%	0.004%
10	3.558	3.548	3.568	VV	134	1069	0.02%	0.002%
11	3.572	3.568	3.588	VV	144	845	0.01%	0.001%
12	3.606	3.588	3.683	PV	889	11332	0.19%	0.017%
13	3.697	3.683	3.755	VV	146	3231	0.05%	0.005%
14	3.801	3.755	3.840	VV	273	6538	0.11%	0.010%
15	3.856	3.840	3.868	VV	267	3096	0.05%	0.005%
16	3.894	3.868	3.951	VV	2862	30257	0.51%	0.044%
17	4.010	3.951	4.065	VV	2532	25677	0.43%	0.038%
18	4.101	4.065	4.159	PV	1942	21770	0.37%	0.032%
19	4.168	4.159	4.175	VV	92	486	0.01%	0.001%
20	4.226	4.175	4.241	VV	141	4142	0.07%	0.006%
21	4.248	4.241	4.261	VV	105	1138	0.02%	0.002%
22	4.279	4.261	4.391	VV	318	10691	0.18%	0.016%
23	4.411	4.391	4.430	VV	363	5748	0.10%	0.008%
24	4.447	4.430	4.475	VV	285	5210	0.09%	0.008%
25	4.484	4.475	4.531	VV	182	4017	0.07%	0.006%
26	4.569	4.531	4.592	VV	212	5116	0.09%	0.007%
27	4.622	4.592	4.661	VV	242	6893	0.12%	0.010%
28	4.684	4.661	4.731	VV	364	7360	0.12%	0.011%
29	4.741	4.731	4.754	VV	157	1627	0.03%	0.002%
30	4.759	4.754	4.781	VV	114	1253	0.02%	0.002%
31	4.796	4.781	4.835	VV	130	2176	0.04%	0.003%
32	4.850	4.835	4.908	VV	177	3270	0.06%	0.005%
33	4.926	4.908	5.040	VV	175	7130	0.12%	0.010%
34	5.056	5.040	5.095	VV	146	3911	0.07%	0.006%
35	5.103	5.095	5.117	VV	195	1812	0.03%	0.003%
36	5.140	5.117	5.149	VV	174	2202	0.04%	0.003%

rteres

37	5.156	5.149	5.173	VV	137	1239	0.02%	0.002%
38	5.215	5.173	5.325	VV	133	7769	0.13%	0.011%
39	5.412	5.325	5.469	PV	240	9379	0.16%	0.014%
40	5.506	5.469	5.584	VV	176	6832	0.12%	0.010%
41	5.630	5.584	5.661	VV	407	5965	0.10%	0.009%
42	5.676	5.661	5.803	VV	120	4586	0.08%	0.007%
43	5.825	5.803	5.843	VV	245	2688	0.05%	0.004%
44	5.883	5.843	5.980	VV	392	10778	0.18%	0.016%
45	6.004	5.980	6.064	VV	122	3921	0.07%	0.006%
46	6.081	6.064	6.098	VV	120	1457	0.02%	0.002%
47	6.141	6.098	6.181	VV	182	4424	0.07%	0.006%
48	6.257	6.181	6.290	VV	139	5699	0.10%	0.008%
49	6.306	6.290	6.334	VV	112	2008	0.03%	0.003%
50	6.349	6.334	6.388	VV	149	3143	0.05%	0.005%
51	6.408	6.388	6.463	VV	918	15812	0.27%	0.023%
52	6.484	6.463	6.544	VV	315	9212	0.16%	0.013%
53	6.563	6.544	6.612	VV	225	5270	0.09%	0.008%
54	6.653	6.612	6.675	VV	218	4809	0.08%	0.007%
55	6.700	6.675	6.785	VV	581	12964	0.22%	0.019%
56	6.804	6.785	6.824	VV	188	2693	0.05%	0.004%
57	6.865	6.824	6.914	VV	334	11147	0.19%	0.016%
58	6.937	6.914	7.004	VV	472	9890	0.17%	0.014%
59	7.016	7.004	7.056	VV	178	2996	0.05%	0.004%
60	7.074	7.056	7.098	VV	180	2062	0.03%	0.003%
61	7.145	7.098	7.218	VV	153	7133	0.12%	0.010%
62	7.269	7.218	7.302	PV	435	7889	0.13%	0.012%
63	7.350	7.302	7.483	VV	607	26641	0.45%	0.039%
64	7.505	7.483	7.524	VV	203	4116	0.07%	0.006%
65	7.543	7.524	7.618	VV	399	9746	0.16%	0.014%
66	7.680	7.618	7.780	VV	352	18493	0.31%	0.027%
67	7.812	7.780	7.941	VV	347	16033	0.27%	0.023%
68	7.952	7.941	8.008	VV	158	3459	0.06%	0.005%
69	8.033	8.008	8.068	VV	141	3110	0.05%	0.005%
70	8.231	8.214	8.254	VV	776	16626	0.28%	0.024%
71	8.272	8.254	8.388	VV	1148	31214	0.53%	0.046%
72	8.470	8.388	8.501	VV	283	13289	0.22%	0.019%
73	8.591	8.501	8.634	VV	516	25345	0.43%	0.037%
74	8.661	8.634	8.684	VV	6450	81471	1.37%	0.119%
75	8.700	8.684	8.744	VV	1268	27401	0.46%	0.040%
76	8.760	8.744	8.784	VV	537	8031	0.14%	0.012%
77	8.808	8.784	8.857	VV	280	8009	0.14%	0.012%
78	8.875	8.857	8.910	VV	179	3990	0.07%	0.006%
79	8.925	8.910	8.981	VV	164	4388	0.07%	0.006%
80	9.172	9.148	9.218	VV	900	20445	0.34%	0.030%
81	9.238	9.218	9.284	VV	390	10763	0.18%	0.016%
82	9.328	9.284	9.373	VV	302	12072	0.20%	0.018%
83	9.432	9.373	9.497	VV	1576	40964	0.69%	0.060%
84	9.529	9.497	9.654	VV	907	29627	0.50%	0.043%
85	9.713	9.654	9.784	VV	264	11409	0.19%	0.017%
86	9.822	9.784	9.846	VV	192	4825	0.08%	0.007%
87	9.913	9.846	9.964	PV	525	17759	0.30%	0.026%
88	9.987	9.964	10.048	VV	409	11699	0.20%	0.017%
89	10.074	10.048	10.117	VV	439	8687	0.15%	0.013%

rteres

90	10.187	10.117	10.288	VV	24910	300668	5.07%	0.440%
91	10.313	10.288	10.401	VV	1143	23759	0.40%	0.035%
92	10.420	10.401	10.532	VV	225	8398	0.14%	0.012%
93	10.663	10.532	10.738	PV	6962	89245	1.51%	0.130%
94	10.759	10.738	10.821	VV	508	14952	0.25%	0.022%
95	10.855	10.821	10.878	VV	293	5520	0.09%	0.008%
96	10.979	10.878	10.993	VV	502	23120	0.39%	0.034%
97	11.011	10.993	11.034	VV	723	12792	0.22%	0.019%
98	11.056	11.034	11.104	VV	1181	21546	0.36%	0.032%
99	11.129	11.104	11.148	VV	617	10359	0.17%	0.015%
100	11.161	11.148	11.221	VV	602	13945	0.24%	0.020%
101	11.275	11.221	11.301	VV	328	9359	0.16%	0.014%
102	11.339	11.301	11.378	VV	732	17732	0.30%	0.026%
103	11.395	11.378	11.424	VV	351	7834	0.13%	0.011%
104	11.451	11.424	11.468	VV	351	6515	0.11%	0.010%
105	11.491	11.468	11.548	VV	305	10029	0.17%	0.015%
106	11.560	11.548	11.601	VV	158	3667	0.06%	0.005%
107	11.625	11.601	11.668	PV	321	5846	0.10%	0.009%
108	11.693	11.668	11.718	PV	901	12236	0.21%	0.018%
109	11.763	11.718	11.816	VV	1435	26966	0.45%	0.039%
110	11.852	11.816	11.898	VV	795	16143	0.27%	0.024%
111	11.928	11.898	12.014	VV	343	11538	0.19%	0.017%
112	12.092	12.014	12.147	VV	493037	5275455	88.99%	7.714%
113	12.184	12.147	12.234	VV	660	23025	0.39%	0.034%
114	12.251	12.234	12.301	VV	719	11189	0.19%	0.016%
115	12.316	12.301	12.338	PV	266	3456	0.06%	0.005%
116	12.372	12.338	12.394	PV	369	5482	0.09%	0.008%
117	12.434	12.394	12.474	VV	1222	22799	0.38%	0.033%
118	12.487	12.474	12.505	VV	234	2677	0.05%	0.004%
119	12.531	12.505	12.578	VV	580	9840	0.17%	0.014%
120	12.680	12.578	12.788	VV	15413	199333	3.36%	0.291%
121	12.811	12.788	12.864	VV	666	17345	0.29%	0.025%
122	12.895	12.864	12.941	VV	410	12482	0.21%	0.018%
123	12.972	12.941	12.991	VV	306	4530	0.08%	0.007%
124	13.019	12.991	13.054	VV	666	13696	0.23%	0.020%
125	13.078	13.054	13.123	VV	1835	28690	0.48%	0.042%
126	13.168	13.123	13.214	PV	1597	31955	0.54%	0.047%
127	13.230	13.214	13.261	VV	93	2319	0.04%	0.003%
128	13.283	13.261	13.311	VV	257	5293	0.09%	0.008%
129	13.346	13.311	13.371	VV	269	5881	0.10%	0.009%
130	13.528	13.371	13.608	VV	351845	4222382	71.22%	6.174%
131	13.639	13.608	13.664	VV	511	10938	0.18%	0.016%
132	13.694	13.664	13.728	VV	1400	23324	0.39%	0.034%
133	13.774	13.728	13.798	VV	394	11479	0.19%	0.017%
134	13.818	13.798	13.852	VV	207	5254	0.09%	0.008%
135	13.926	13.852	14.014	PV	1606	47187	0.80%	0.069%
136	14.135	14.014	14.164	VV	891	46504	0.78%	0.068%
137	14.228	14.164	14.251	VV	863	29457	0.50%	0.043%
138	14.281	14.251	14.354	VV	1727	52629	0.89%	0.077%
139	14.371	14.354	14.386	VV	653	10480	0.18%	0.015%
140	14.416	14.386	14.461	VV	2710	44073	0.74%	0.064%
141	14.537	14.461	14.628	VV	1826	59288	1.00%	0.087%

rteres

142	14.676	14.628	14.704	PV	8870	119829	2.02%	0.175%
143	14.720	14.704	14.745	VV	1926	27691	0.47%	0.040%
144	14.764	14.745	14.824	VV	651	18869	0.32%	0.028%
145	14.846	14.824	14.868	PV	1345	15555	0.26%	0.023%
146	14.921	14.868	14.938	VV	460	10302	0.17%	0.015%
147	14.969	14.938	15.004	VV	497	11741	0.20%	0.017%
148	15.153	15.004	15.177	VV	436	27864	0.47%	0.041%
149	15.238	15.177	15.261	VV	573	16797	0.28%	0.025%
150	15.281	15.261	15.301	VV	702	11226	0.19%	0.016%
151	15.339	15.301	15.357	VV	976	20950	0.35%	0.031%
152	15.386	15.357	15.414	VV	2007	35147	0.59%	0.051%
153	15.434	15.414	15.481	VV	1471	26559	0.45%	0.039%
154	15.493	15.481	15.510	VV	385	5423	0.09%	0.008%
155	15.580	15.510	15.614	VV	573	14546	0.25%	0.021%
156	15.692	15.614	15.711	PV	186	7277	0.12%	0.011%
157	15.770	15.711	15.836	PV	11962	199614	3.37%	0.292%
158	15.865	15.836	15.888	VV	617	13033	0.22%	0.019%
159	15.927	15.888	15.954	VV	3383	62954	1.06%	0.092%
160	15.993	15.954	16.026	VV	2438	44323	0.75%	0.065%
161	16.048	16.026	16.081	VV	695	13817	0.23%	0.020%
162	16.192	16.081	16.258	VV	1057	42395	0.72%	0.062%
163	16.291	16.258	16.314	VV	567	11391	0.19%	0.017%
164	16.411	16.314	16.441	VV	1611	32495	0.55%	0.048%
165	16.472	16.441	16.491	VV	360	7556	0.13%	0.011%
166	16.617	16.491	16.641	PV	282	7465	0.13%	0.011%
167	16.790	16.641	16.831	PV	1388	33804	0.57%	0.049%
168	16.897	16.831	16.948	VV	2305	54189	0.91%	0.079%
169	16.980	16.948	17.008	VV	6375	86299	1.46%	0.126%
170	17.029	17.008	17.057	VV	1505	25797	0.44%	0.038%
171	17.093	17.057	17.111	VV	455	13516	0.23%	0.020%
172	17.129	17.111	17.144	VV	337	4635	0.08%	0.007%
173	17.363	17.144	17.388	PV	3023	63735	1.08%	0.093%
174	17.412	17.388	17.429	VV	1223	18382	0.31%	0.027%
175	17.441	17.429	17.461	VV	687	7970	0.13%	0.012%
176	17.814	17.461	17.848	PV	6727	349627	5.90%	0.511%
177	17.902	17.848	17.931	VV	2101	76423	1.29%	0.112%
178	17.949	17.931	17.984	VV	1131	22283	0.38%	0.033%
179	18.254	17.984	18.318	PV	6899	205113	3.46%	0.300%
180	18.344	18.318	18.374	VV	2736	45583	0.77%	0.067%
181	18.425	18.374	18.441	PV	735	10945	0.18%	0.016%
182	18.617	18.441	18.646	PV	6006	131008	2.21%	0.192%
183	18.678	18.646	18.728	VV	8948	196971	3.32%	0.288%
184	18.815	18.728	18.861	VV	3679	250515	4.23%	0.366%
185	18.904	18.861	18.920	VV	3748	116227	1.96%	0.170%
186	19.087	18.920	19.134	VV	12919	765549	12.91%	1.119%
187	19.190	19.134	19.231	VV	9732	438547	7.40%	0.641%
188	19.260	19.231	19.301	VV	7336	274621	4.63%	0.402%
189	19.487	19.301	19.515	VV	18140	1271255	21.44%	1.859%
190	19.530	19.515	19.554	VV	13002	294779	4.97%	0.431%
191	19.683	19.554	19.701	VV	19587	1489163	25.12%	2.177%
192	19.748	19.701	19.781	VV	21015	944729	15.94%	1.381%
193	19.790	19.781	19.831	VV	20162	548102	9.25%	0.801%
194	19.875	19.831	19.911	VV	23387	928091	15.66%	1.357%

rteres

195	20.063	19.911	20.081	VV	25355	2325719	39.23%	3.401%
196	20.251	20.081	20.278	VV	37327	3468490	58.51%	5.072%
197	20.298	20.278	20.331	VV	33589	1025899	17.31%	1.500%
198	20.549	20.331	20.563	VV	39742	4885499	82.41%	7.143%
199	20.617	20.563	20.636	VV	44549	1786567	30.14%	2.612%
200	20.700	20.636	20.721	VV	45089	2228754	37.60%	3.259%
201	20.788	20.721	20.924	VV	47981	5396157	91.02%	7.890%
202	20.990	20.924	21.009	VV	43788	2119761	35.76%	3.099%
203	21.026	21.009	21.081	VV	42755	1722951	29.06%	2.519%
204	21.225	21.081	21.331	VV	47035	5928273	100.00%	8.668%
205	21.401	21.331	21.441	VV	37662	2338271	39.44%	3.419%
206	21.531	21.441	21.585	VV	31875	2639698	44.53%	3.860%
207	21.607	21.585	21.636	VV	29042	865130	14.59%	1.265%
208	21.652	21.636	21.672	VV	27852	583424	9.84%	0.853%
209	21.689	21.672	21.758	VV	27813	1250944	21.10%	1.829%
210	21.787	21.758	21.804	VV	23468	616975	10.41%	0.902%
211	21.869	21.804	21.904	VV	25593	1383545	23.34%	2.023%
212	21.960	21.904	22.048	VV	24802	1882751	31.76%	2.753%
213	22.078	22.048	22.201	VV	19948	1568609	26.46%	2.294%
214	22.279	22.201	22.318	VV	17490	1083467	18.28%	1.584%
215	22.373	22.318	22.654	VV	17149	2078650	35.06%	3.039%

Sum of corrected areas: 68391048

Aliphatic EPH 072625.M Tue Jul 29 04:12:15 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069547.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 15:18
Operator : YP/AJ
Sample : PB169021BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169021BL

Integration File: sample.E
Quant Time: Jul 29 01:15:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 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)	11.676	5620598	37.873 ug/ml
Spiked Amount 50.000		Recovery = 75.75%	
12) S 1-chlorooctadecane (S...	13.111	4343627	38.436 ug/ml
Spiked Amount 50.000		Recovery = 76.87%	
Target Compounds			

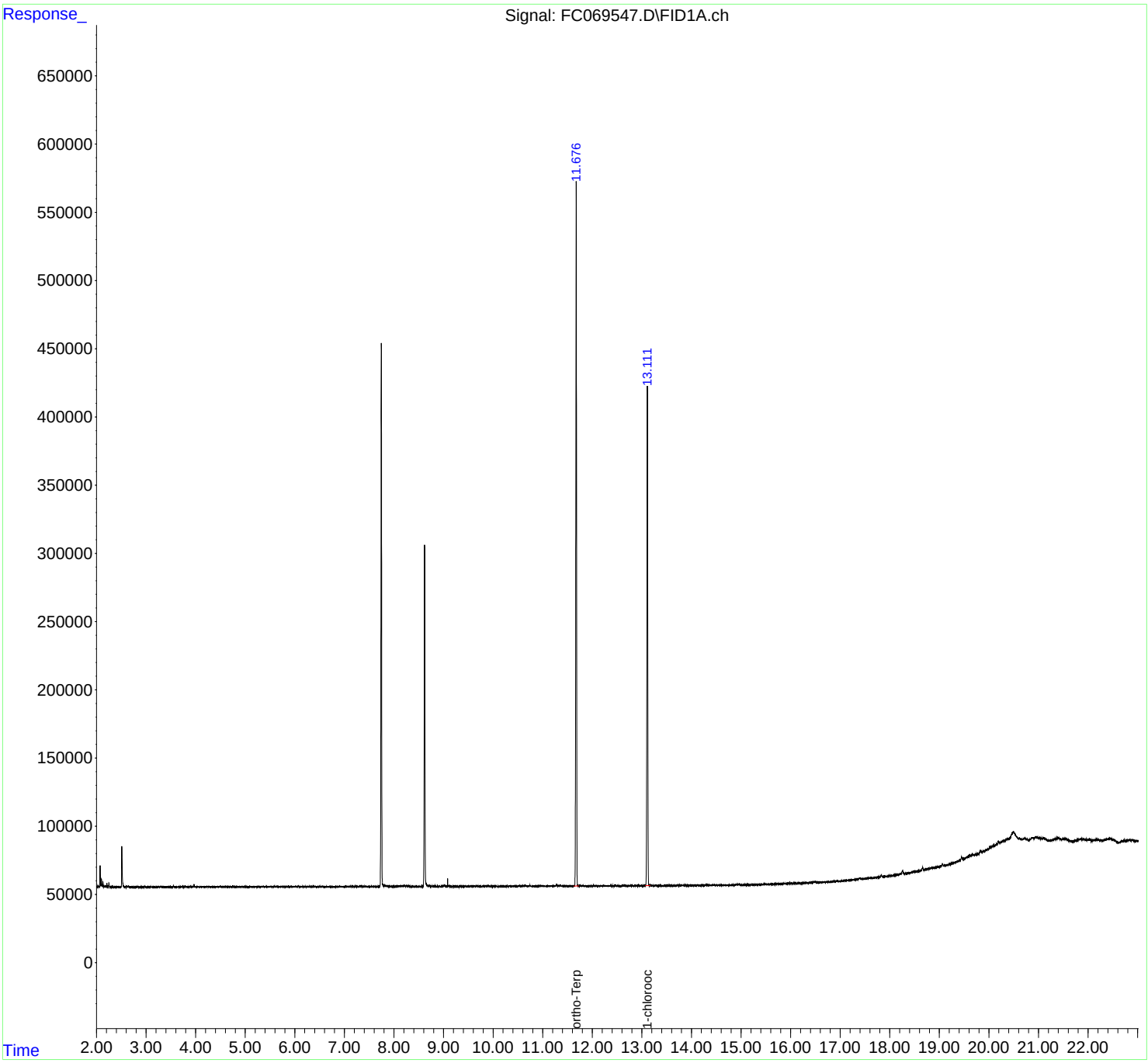
(f)=RT Delta > 1/2 Window (m)=manual int.

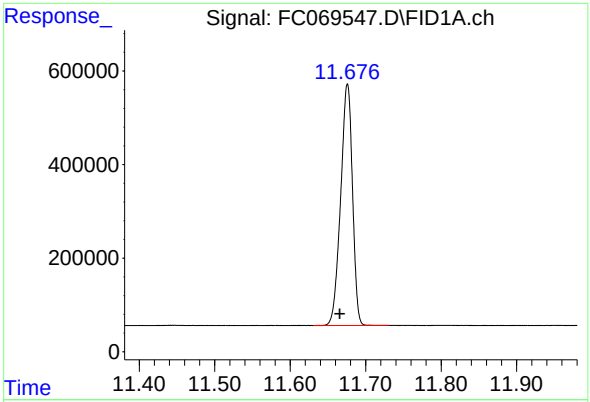
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069547.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 15:18
Operator : YP/AJ
Sample : PB169021BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169021BL

Integration File: sample.E
Quant Time: Jul 29 01:15:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

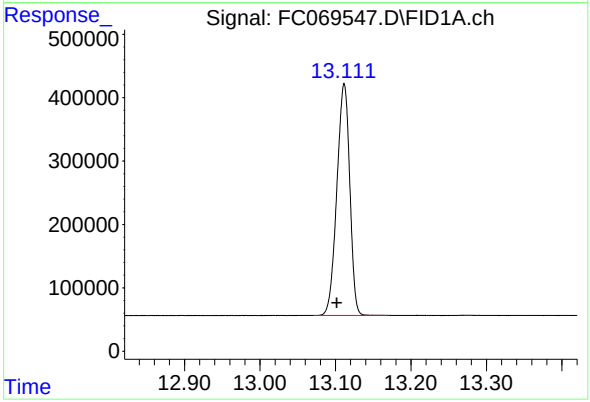




#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: 0.010 min
Response: 5620598
Conc: 37.87 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169021BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: 0.010 min
Response: 4343627
Conc: 38.44 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069547.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 15:18
Sample : PB169021BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.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	11.676	11.630	11.730	BB	516735	5620598	100.00%	56.408%
2	13.111	13.070	13.170	BB	366378	4343627	77.28%	43.592%
			Sum of corrected areas:			9964224		

Aliphatic EPH 071525.M Tue Jul 29 01:47:29 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069548.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 16:02
Operator : YP/AJ
Sample : PB169021BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169021BS

Integration File: sample.E
Quant Time: Jul 29 01:16:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 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)	11.676	5162985	34.790 ug/ml
Spiked Amount	50.000	Recovery	=	69.58%
12)	S 1-chlorooctadecane (S...	13.112	4026589	35.630 ug/ml
Spiked Amount	50.000	Recovery	=	71.26%
	Target Compounds			
1)	T n-Nonane (C9)	3.412	4567665	33.566 ug/ml
2)	T n-Decane (C10)	4.481	4943545	35.519 ug/ml
3)	T A~Naphthalene (C11.7)	6.075	5686088	37.629 ug/ml
4)	T n-Dodecane (C12)	6.503	5155873	36.377 ug/ml
5)	T A~2-methylnaphthalene...	7.134	5230541	35.803 ug/ml
6)	T n-Tetradecane (C14)	8.304	5066871	35.636 ug/ml
7)	T n-Hexadecane (C16)	9.907	5039169	34.524 ug/ml
8)	T n-Octadecane (C18)	11.353	4849922	33.716 ug/ml
10)	T n-Eicosane (C20)	12.665	4814349	35.861 ug/ml
11)	T n-Heneicosane (C21)	13.278	4541747	34.966 ug/ml
13)	T n-Docosane (C22)	13.866	4425176	34.841 ug/ml
14)	T n-Tetracosane (C24)	14.966	8556113	70.102 ug/ml
15)	T n-Hexacosane (C26)	15.994	4072361	35.052 ug/ml
16)	T n-Octacosane (C28)	16.945	3911425	35.329 ug/ml
17)	T n-Tricontane (C30)	17.836	3941116	35.992 ug/ml
18)	T n-Dotriacontane (C32)	18.668	3963764	38.198 ug/ml
19)	T n-Tetratriacontane (C34)	19.453	4261790	45.228 ug/ml
20)	T n-Hexatriacontane (C36)	20.195	4260697	51.583 ug/ml
21)	T n-Octatriacontane (C38)	20.964	4469928	58.850 ug/ml
22)	T n-Tetracontane (C40)	21.931	4463622	60.938 ug/ml

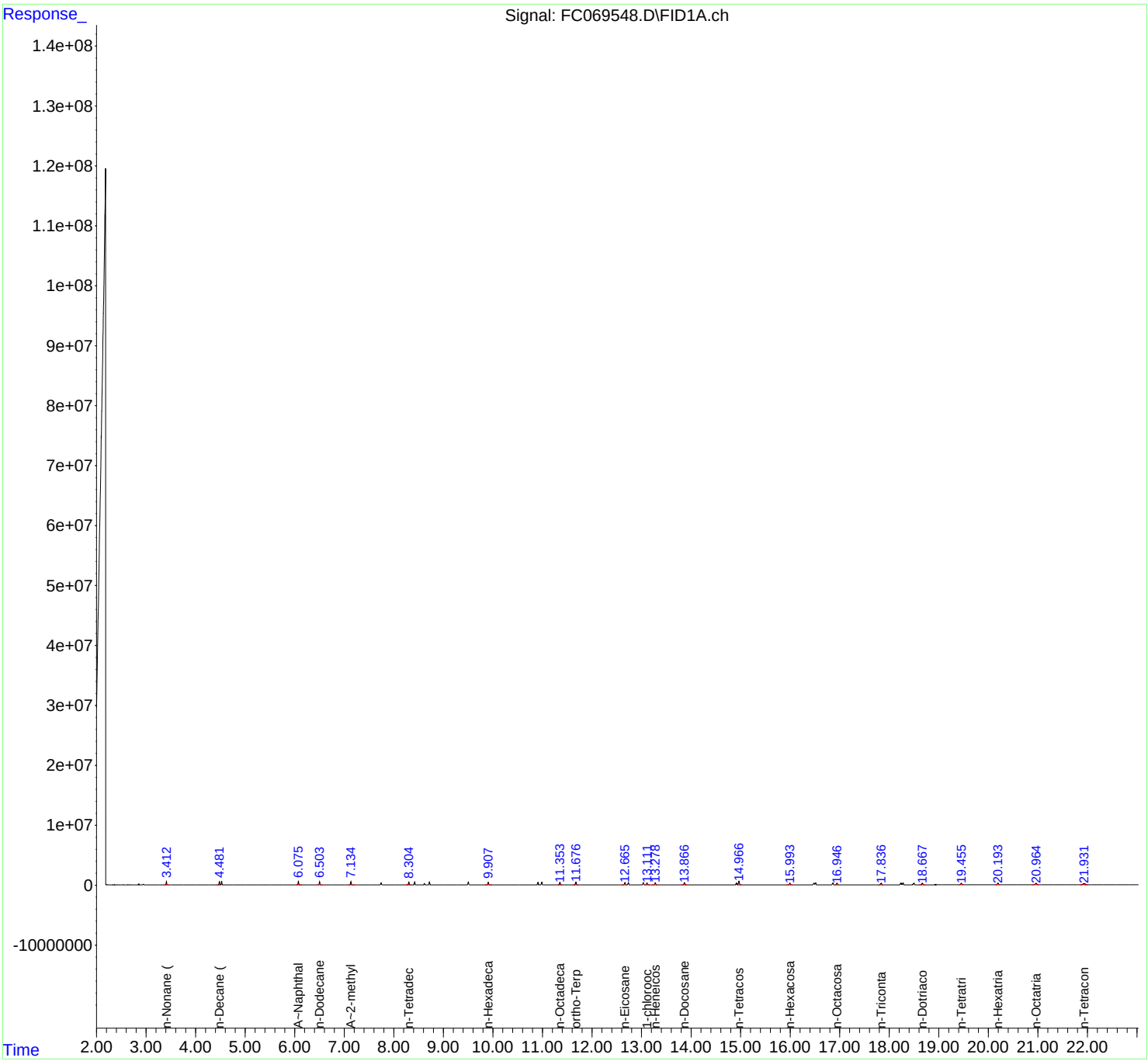
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069548.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 16:02
Operator : YP/AJ
Sample : PB169021BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169021BS

Integration File: sample.E
Quant Time: Jul 29 01:16:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 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\FC072825AL\
Data File : FC069548.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 16:02
Sample : PB169021BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.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	3.412	3.359	3.459	BB	558121	4567665	53.38%	2.601%
2	4.481	4.425	4.503	BV	560348	4943545	57.78%	2.815%
3	4.526	4.503	4.568	VV	616060	5370140	62.76%	3.058%
4	6.075	6.012	6.145	BB	628161	5686088	66.46%	3.238%
5	6.503	6.449	6.565	BB	529872	5155873	60.26%	2.936%
6	7.134	7.084	7.215	BB	527978	5230541	61.13%	2.978%
7	8.304	8.240	8.347	BB	499974	5066871	59.22%	2.885%
8	8.421	8.354	8.475	BB	542795	5453137	63.73%	3.105%
9	8.719	8.682	8.772	BB	525747	5440366	63.58%	3.098%
10	9.505	9.444	9.584	BB	508204	5325478	62.24%	3.032%
11	9.907	9.840	9.985	BB	459759	5039169	58.90%	2.869%
12	10.911	10.835	10.950	BV	449346	4900417	57.27%	2.790%
13	10.988	10.950	11.044	VB	458975	4853032	56.72%	2.763%
14	11.353	11.310	11.392	BB	430016	4849922	56.68%	2.761%
15	11.676	11.609	11.725	BB	482753	5162985	60.34%	2.940%
16	12.665	12.595	12.700	BV	419094	4814349	56.27%	2.741%
17	12.736	12.700	12.792	VB	402216	4552883	53.21%	2.592%
18	13.037	12.964	13.065	BV	408409	4530294	52.95%	2.579%
19	13.112	13.065	13.165	VB	338809	4026589	47.06%	2.293%
20	13.278	13.209	13.327	BB	373599	4541747	53.08%	2.586%
21	13.866	13.795	13.917	BB	371011	4425176	51.72%	2.520%
22	14.918	14.845	14.938	BV	342180	4293912	50.19%	2.445%
23	14.966	14.938	15.024	VB	645391	8556113	100.00%	4.872%
24	15.994	15.920	16.049	BB	322668	4072361	47.60%	2.319%
25	16.481	16.407	16.497	BV	302177	4311459	50.39%	2.455%
26	16.517	16.497	16.559	VB	359948	4248729	49.66%	2.419%
27	16.864	16.790	16.900	BV	338237	4204939	49.15%	2.394%
28	16.945	16.900	16.979	VV	281564	3911425	45.71%	2.227%
29	17.836	17.780	17.874	BB	290763	3941116	46.06%	2.244%
30	18.241	18.057	18.256	BV	302211	4553030	53.21%	2.592%
31	18.278	18.256	18.339	VB	323920	4122902	48.19%	2.347%
32	18.498	18.419	18.535	BB	293421	4057439	47.42%	2.310%
33	18.668	18.595	18.719	BV	292093	3963764	46.33%	2.257%
34	19.453	19.400	19.509	BB	286292	4261790	49.81%	2.427%
35	20.195	20.140	20.233	BV	279468	4260697	49.80%	2.426%
36	20.964	20.880	21.014	BB	246569	4469928	52.24%	2.545%

rteres

37	21.931	21.840	22.017	BB	178968	4463622	52.17%	2.541%

Sum of corrected areas: 175629493

Aliphatic EPH 071525.M Tue Jul 29 01:48:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069549.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 16:46
Operator : YP/AJ
Sample : PB169021BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169021BSD

Integration File: sample.E
Quant Time: Jul 29 01:16:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 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)	11.676	5112813	34.452 ug/ml
Spiked Amount	50.000		Recovery =	68.90%
12)	S 1-chlorooctadecane (S...	13.111	3985231	35.264 ug/ml
Spiked Amount	50.000		Recovery =	70.53%
	Target Compounds			
1)	T n-Nonane (C9)	3.410	4402803	32.354 ug/ml
2)	T n-Decane (C10)	4.480	4760370	34.203 ug/ml
3)	T A~Naphthalene (C11.7)	6.074	5534159	36.624 ug/ml
4)	T n-Dodecane (C12)	6.504	4976996	35.115 ug/ml
5)	T A~2-methylnaphthalene...	7.134	5109023	34.971 ug/ml
6)	T n-Tetradecane (C14)	8.304	4919496	34.599 ug/ml
7)	T n-Hexadecane (C16)	9.907	4925268	33.743 ug/ml
8)	T n-Octadecane (C18)	11.353	4763530	33.115 ug/ml
10)	T n-Eicosane (C20)	12.665	4753096	35.405 ug/ml
11)	T n-Heneicosane (C21)	13.278	4492029	34.583 ug/ml
13)	T n-Docosane (C22)	13.865	4382972	34.509 ug/ml
14)	T n-Tetracosane (C24)	14.965	8508980	69.716 ug/ml
15)	T n-Hexacosane (C26)	15.993	4050568	34.864 ug/ml
16)	T n-Octacosane (C28)	16.945	3898239	35.210 ug/ml
17)	T n-Tricontane (C30)	17.835	3934336	35.930 ug/ml
18)	T n-Dotriacontane (C32)	18.668	3962034	38.181 ug/ml
19)	T n-Tetratriacontane (C34)	19.454	4243501	45.034 ug/ml
20)	T n-Hexatriacontane (C36)	20.195	4240633	51.340 ug/ml
21)	T n-Octatriacontane (C38)	20.964	4444891	58.521 ug/ml
22)	T n-Tetracontane (C40)	21.934	4400217	60.072 ug/ml

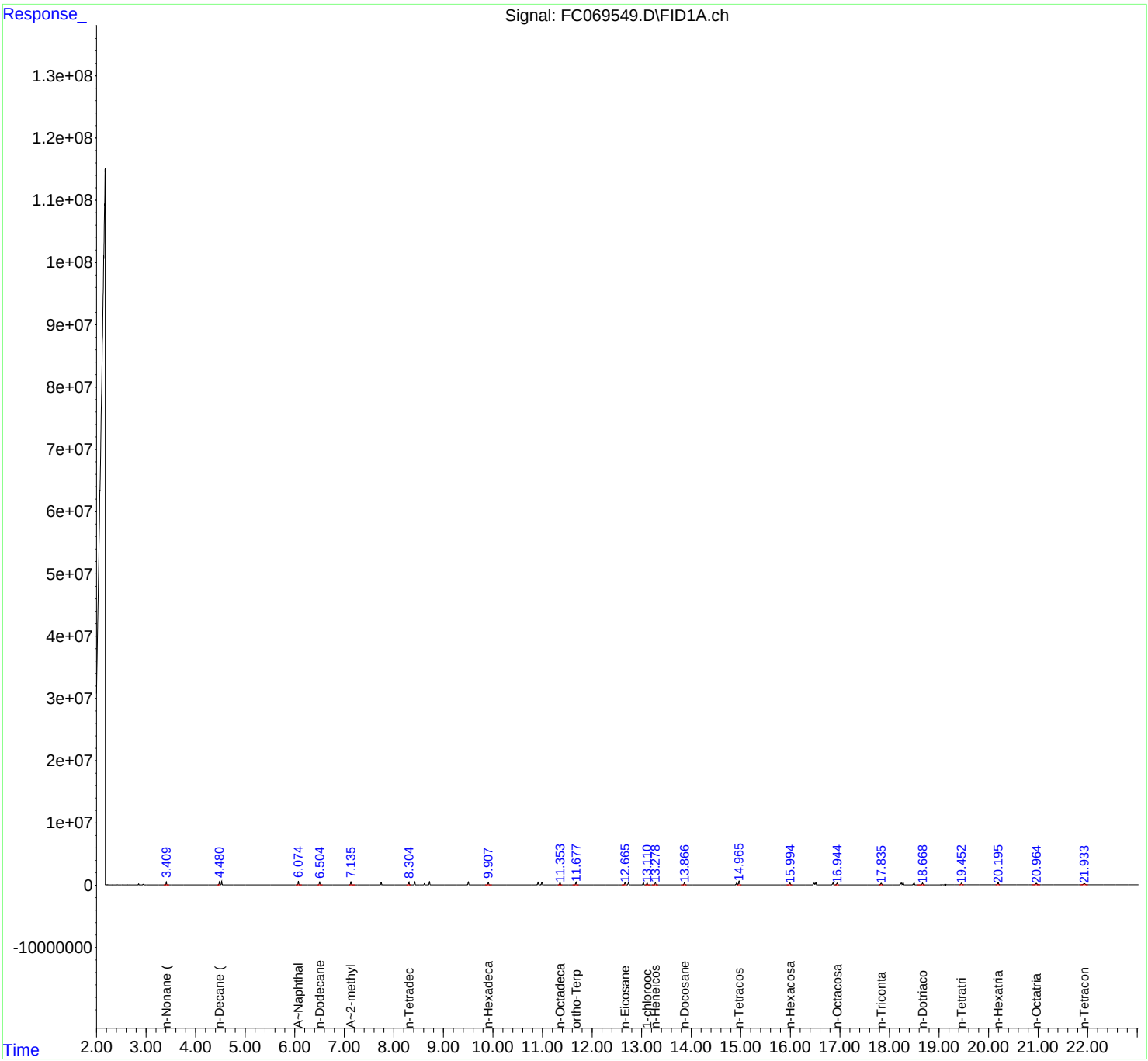
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069549.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 16:46
Operator : YP/AJ
Sample : PB169021BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169021BSD

Integration File: sample.E
Quant Time: Jul 29 01:16:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 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\FC072825AL\
Data File : FC069549.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 16:46
Sample : PB169021BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.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	3.410	3.355	3.464	BB	534655	4402803	51.74%	2.539%
2	4.480	4.427	4.502	BV	543713	4760370	55.95%	2.745%
3	4.525	4.502	4.568	VV	603279	5191774	61.02%	2.994%
4	6.074	6.022	6.142	BB	588035	5534159	65.04%	3.192%
5	6.504	6.447	6.560	BB	502087	4976996	58.49%	2.870%
6	7.134	7.084	7.214	BB	534157	5109023	60.04%	2.946%
7	8.304	8.255	8.339	BB	475622	4919496	57.82%	2.837%
8	8.421	8.355	8.474	BB	538007	5368830	63.10%	3.096%
9	8.719	8.682	8.772	BB	545919	5354252	62.92%	3.088%
10	9.504	9.445	9.579	BB	512214	5266806	61.90%	3.037%
11	9.907	9.842	9.977	BB	444891	4925268	57.88%	2.840%
12	10.911	10.832	10.952	BV	462139	4870906	57.24%	2.809%
13	10.987	10.952	11.045	VV	449243	4827966	56.74%	2.784%
14	11.353	11.310	11.399	BB	417616	4763530	55.98%	2.747%
15	11.676	11.607	11.729	BB	464208	5112813	60.09%	2.949%
16	12.665	12.599	12.699	BV	408604	4753096	55.86%	2.741%
17	12.736	12.699	12.799	VB	403112	4531656	53.26%	2.613%
18	13.036	12.964	13.067	BV	407608	4507632	52.98%	2.600%
19	13.111	13.067	13.165	VB	337257	3985231	46.84%	2.298%
20	13.278	13.209	13.332	BB	369763	4492029	52.79%	2.591%
21	13.865	13.795	13.907	BB	356808	4382972	51.51%	2.528%
22	14.919	14.849	14.938	BV	328788	4277846	50.27%	2.467%
23	14.965	14.938	15.015	VB	641465	8508980	100.00%	4.907%
24	15.993	15.925	16.040	BB	319503	4050568	47.60%	2.336%
25	16.480	16.407	16.497	BV	287542	4281762	50.32%	2.469%
26	16.515	16.497	16.560	VB	368043	4238150	49.81%	2.444%
27	16.863	16.785	16.895	BV	322945	4186398	49.20%	2.414%
28	16.945	16.895	16.977	VV	294873	3898239	45.81%	2.248%
29	17.835	17.780	17.875	BB	277350	3934336	46.24%	2.269%
30	18.240	18.165	18.255	BV	303648	4523207	53.16%	2.609%
31	18.277	18.255	18.329	VB	333328	4127647	48.51%	2.380%
32	18.498	18.422	18.542	BB	291167	4041522	47.50%	2.331%
33	18.668	18.554	18.717	BB	284253	3962034	46.56%	2.285%
34	19.454	19.400	19.500	BB	280497	4243501	49.87%	2.447%
35	20.195	20.140	20.229	BB	294536	4240633	49.84%	2.446%
36	20.964	20.884	21.042	BB	239361	4444891	52.24%	2.563%

```
                                          rteres
  37 21.934  21.840  22.005  BB    171051    4400217  51.71%  2.538%
                        Sum of corrected areas:    173397537


Aliphatic EPH 071525.M Tue Jul 29 01:50:17 2025
```

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069552.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 19:02
Operator : YP/AJ
Sample : Q2706-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
RT-5417MS

Integration File: sample.E
Quant Time: Jul 29 01:17:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 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)	11.676	5251696	35.388 ug/ml
Spiked Amount	50.000		Recovery =	70.78%
12) S	1-chlorooctadecane (S...	13.111	4195405	37.124 ug/ml
Spiked Amount	50.000		Recovery =	74.25%
	Target Compounds			
1) T	n-Nonane (C9)	3.405	3872076	28.454 ug/ml
2) T	n-Decane (C10)	4.478	4390813	31.547 ug/ml
3) T	A~Naphthalene (C11.7)	6.073	5262335	34.825 ug/ml
4) T	n-Dodecane (C12)	6.502	4704065	33.189 ug/ml
5) T	A~2-methylnaphthalene...	7.133	4993412	34.179 ug/ml
6) T	n-Tetradecane (C14)	8.303	4901494	34.473 ug/ml
7) T	n-Hexadecane (C16)	9.907	5347019	36.633 ug/ml
8) T	n-Octadecane (C18)	11.353	5490327	38.168 ug/ml
10) T	n-Eicosane (C20)	12.665	5612962	41.810 ug/ml
11) T	n-Heneicosane (C21)	13.277	5326329	41.006 ug/ml
13) T	n-Docosane (C22)	13.866	5219579	41.096 ug/ml
14) T	n-Tetracosane (C24)	14.966	10130558	83.002 ug/ml
15) T	n-Hexacosane (C26)	15.994	4848200	41.730 ug/ml
16) T	n-Octacosane (C28)	16.944	4643584	41.943 ug/ml
17) T	n-Tricontane (C30)	17.834	4559541	41.640 ug/ml
18) T	n-Dotriacontane (C32)	18.668	4481465	43.187 ug/ml
19) T	n-Tetratriacontane (C34)	19.454	4453562	47.264 ug/ml
20) T	n-Hexatriacontane (C36)	20.194	4029493	48.784 ug/ml
21) T	n-Octatriacontane (C38)	20.963	3955486	52.077 ug/ml
22) T	n-Tetracontane (C40)	21.929	3747290	51.159 ug/ml

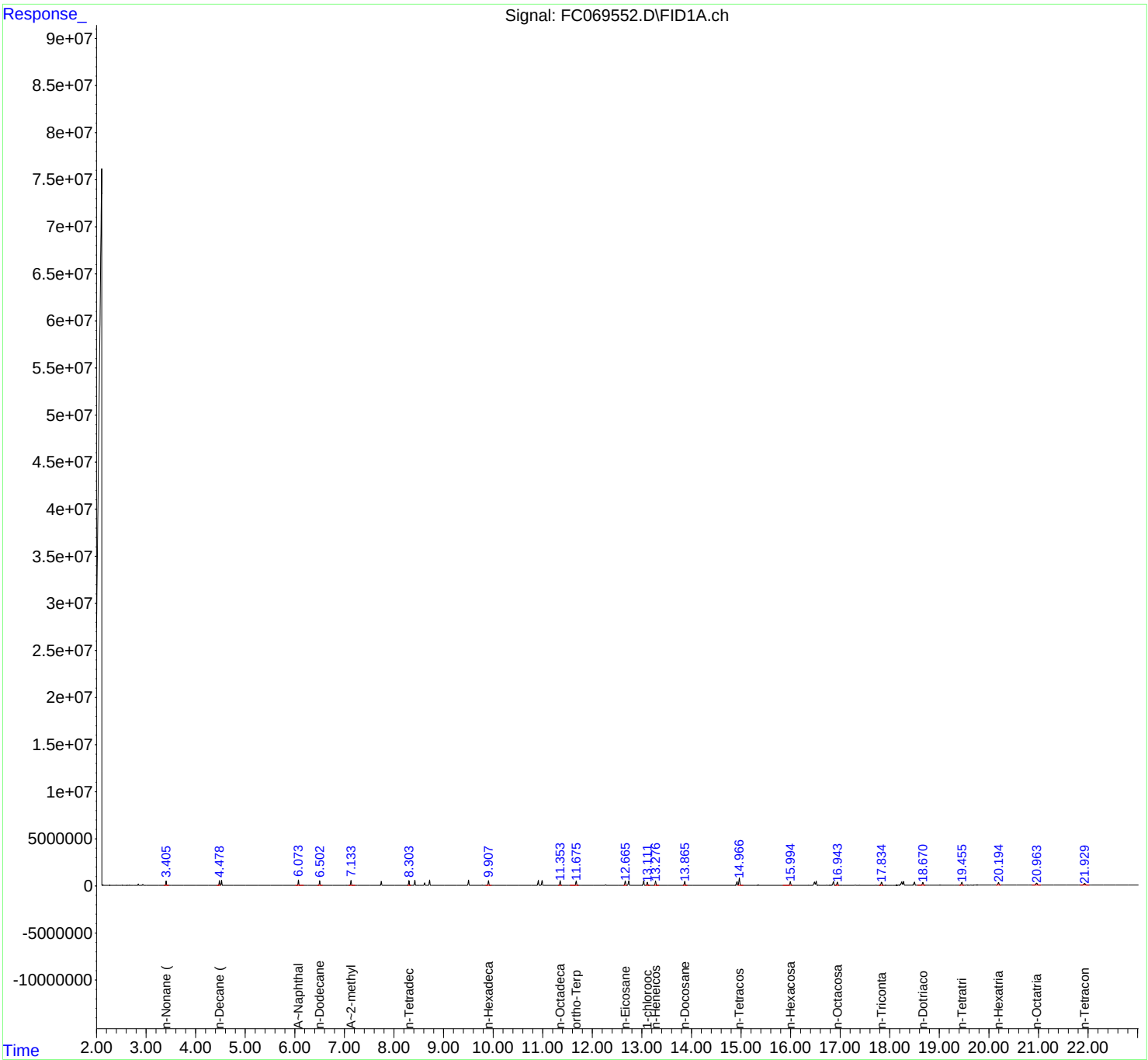
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069552.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 19:02
Operator : YP/AJ
Sample : Q2706-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
RT-5417MS

Integration File: sample.E
Quant Time: Jul 29 01:17:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 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\FC072825AL\
Data File : FC069552.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 19:02
Sample : Q2706-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.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	3.230	3.204	3.241	BV	227	3096	0.03%	0.001%
2	3.256	3.241	3.278	VV	474	6370	0.06%	0.003%
3	3.288	3.278	3.314	VV	357	6096	0.06%	0.003%
4	3.327	3.314	3.348	VV	174	1585	0.02%	0.001%
5	3.357	3.348	3.378	PV	60	882	0.01%	0.000%
6	3.405	3.378	3.494	VV	466465	3885761	38.24%	1.867%
7	3.508	3.494	3.516	VV	221	2543	0.03%	0.001%
8	3.553	3.516	3.578	VV	1549	19197	0.19%	0.009%
9	3.584	3.578	3.597	VV	287	2600	0.03%	0.001%
10	3.609	3.597	3.630	VV	325	4022	0.04%	0.002%
11	3.648	3.630	3.661	VV	263	3311	0.03%	0.002%
12	3.696	3.661	3.748	VV	1967	33794	0.33%	0.016%
13	3.755	3.748	3.774	VV	417	5408	0.05%	0.003%
14	3.790	3.774	3.838	VV	3914	36692	0.36%	0.018%
15	3.848	3.838	3.868	VV	309	2505	0.02%	0.001%
16	3.887	3.868	3.938	VV	3184	33273	0.33%	0.016%
17	3.969	3.938	4.024	VV	2865	31927	0.31%	0.015%
18	4.081	4.024	4.093	VV	382	8000	0.08%	0.004%
19	4.105	4.093	4.158	VV	862	14570	0.14%	0.007%
20	4.177	4.158	4.197	VV	377	7079	0.07%	0.003%
21	4.238	4.197	4.349	VV	733	31144	0.31%	0.015%
22	4.370	4.349	4.386	VV	322	5213	0.05%	0.003%
23	4.400	4.386	4.412	VV	307	3286	0.03%	0.002%
24	4.478	4.412	4.500	VV	492676	4402916	43.33%	2.116%
25	4.522	4.500	4.566	VV	530882	4729405	46.55%	2.272%
26	4.583	4.566	4.604	VV	5062	51478	0.51%	0.025%
27	4.629	4.604	4.672	VV	8411	84532	0.83%	0.041%
28	4.693	4.672	4.714	VV	443	8392	0.08%	0.004%
29	4.731	4.714	4.749	VV	495	6231	0.06%	0.003%
30	4.761	4.749	4.787	VV	365	4560	0.04%	0.002%
31	4.812	4.787	4.837	VV	328	5491	0.05%	0.003%
32	4.853	4.837	4.884	VV	204	3831	0.04%	0.002%
33	4.897	4.884	4.924	VV	218	3440	0.03%	0.002%
34	4.955	4.924	5.058	VV	244	10367	0.10%	0.005%
35	5.071	5.058	5.092	VV	158	2679	0.03%	0.001%
36	5.115	5.092	5.148	VV	236	6718	0.07%	0.003%

rteres

37	5.154	5.148	5.184	VV	237	3462	0.03%	0.002%
38	5.195	5.184	5.240	VV	184	4981	0.05%	0.002%
39	5.278	5.240	5.293	VV	126	2222	0.02%	0.001%
40	5.333	5.293	5.353	PV	442	5525	0.05%	0.003%
41	5.368	5.353	5.382	VV	76	1131	0.01%	0.001%
42	5.395	5.382	5.428	VV	148	1879	0.02%	0.001%
43	5.449	5.428	5.492	VV	138	2141	0.02%	0.001%
44	5.516	5.492	5.534	VV	1582	15691	0.15%	0.008%
45	5.545	5.534	5.551	VV	261	1891	0.02%	0.001%
46	5.570	5.551	5.597	VV	336	6031	0.06%	0.003%
47	5.621	5.597	5.671	VV	406	8361	0.08%	0.004%
48	5.701	5.671	5.733	VV	224	5797	0.06%	0.003%
49	5.750	5.733	5.774	VV	285	4879	0.05%	0.002%
50	5.788	5.774	5.798	VV	235	2688	0.03%	0.001%
51	5.816	5.798	5.838	VV	225	4134	0.04%	0.002%
52	5.857	5.838	5.884	VV	251	4004	0.04%	0.002%
53	5.932	5.884	5.941	VV	209	4411	0.04%	0.002%
54	5.966	5.941	5.987	VV	192	4141	0.04%	0.002%
55	5.998	5.987	6.008	VV	192	1947	0.02%	0.001%
56	6.020	6.008	6.030	VV	233	2465	0.02%	0.001%
57	6.073	6.030	6.194	VV	566916	5285445	52.02%	2.540%
58	6.216	6.194	6.237	VV	559	10112	0.10%	0.005%
59	6.247	6.237	6.275	VV	480	5798	0.06%	0.003%
60	6.283	6.275	6.289	VV	239	1868	0.02%	0.001%
61	6.294	6.289	6.301	VV	235	1613	0.02%	0.001%
62	6.311	6.301	6.324	VV	254	3060	0.03%	0.001%
63	6.344	6.324	6.387	VV	882	17126	0.17%	0.008%
64	6.394	6.387	6.401	VV	357	2537	0.02%	0.001%
65	6.415	6.401	6.467	VV	1128	21581	0.21%	0.010%
66	6.502	6.467	6.557	VV	472570	4721067	46.47%	2.268%
67	6.568	6.557	6.614	VV	597	11242	0.11%	0.005%
68	6.621	6.614	6.634	VV	218	2245	0.02%	0.001%
69	6.651	6.634	6.686	VV	473	7515	0.07%	0.004%
70	6.705	6.686	6.730	VV	215	3386	0.03%	0.002%
71	6.778	6.730	6.810	VV	271	7585	0.07%	0.004%
72	6.822	6.810	6.853	VV	281	4396	0.04%	0.002%
73	6.887	6.853	6.905	VV	427	6267	0.06%	0.003%
74	6.920	6.905	6.934	VV	404	4660	0.05%	0.002%
75	6.975	6.934	7.013	VV	5423	65119	0.64%	0.031%
76	7.038	7.013	7.084	VV	11010	112258	1.10%	0.054%
77	7.133	7.084	7.245	VV	519862	5010166	49.31%	2.407%
78	7.268	7.245	7.300	VV	2268	32346	0.32%	0.016%
79	7.322	7.300	7.338	VV	2258	29189	0.29%	0.014%
80	7.347	7.338	7.373	VV	1131	14108	0.14%	0.007%
81	7.398	7.373	7.410	VV	987	13141	0.13%	0.006%
82	7.426	7.410	7.448	VV	1996	21967	0.22%	0.011%
83	7.475	7.448	7.508	VV	410	9582	0.09%	0.005%
84	7.520	7.508	7.554	VV	341	5382	0.05%	0.003%
85	7.567	7.554	7.586	VV	157	2733	0.03%	0.001%
86	7.605	7.586	7.631	VV	605	8158	0.08%	0.004%
87	7.643	7.631	7.693	VV	287	6680	0.07%	0.003%
88	7.851	7.820	7.868	VV	845	16890	0.17%	0.008%
89	7.881	7.868	7.973	VV	1304	24654	0.24%	0.012%

rteres

90	7.995	7.973	8.030	VV	1693	23516	0.23%	0.011%
91	8.052	8.030	8.091	VV	1105	18837	0.19%	0.009%
92	8.129	8.091	8.144	VV	555	13984	0.14%	0.007%
93	8.166	8.144	8.178	VV	575	10201	0.10%	0.005%
94	8.192	8.178	8.201	VV	656	8182	0.08%	0.004%
95	8.229	8.201	8.241	VV	783	15208	0.15%	0.007%
96	8.267	8.241	8.277	VV	12666	137350	1.35%	0.066%
97	8.303	8.277	8.343	VV	482410	4916498	48.39%	2.362%
98	8.361	8.343	8.378	VV	714	10155	0.10%	0.005%
99	8.421	8.378	8.470	VV	559116	5526228	54.39%	2.655%
100	8.488	8.470	8.499	VV	535	8241	0.08%	0.004%
101	8.528	8.499	8.581	VV	614	15643	0.15%	0.008%
102	8.718	8.684	8.754	VV	550212	5597682	55.09%	2.690%
103	8.768	8.754	8.814	VV	1213	25692	0.25%	0.012%
104	8.834	8.814	8.878	VV	530	11682	0.11%	0.006%
105	8.907	8.878	8.941	VV	838	15725	0.15%	0.008%
106	8.955	8.941	8.966	VV	362	4261	0.04%	0.002%
107	8.987	8.966	9.088	VV	1827	45769	0.45%	0.022%
108	9.122	9.088	9.150	VV	1332	20095	0.20%	0.010%
109	9.164	9.150	9.208	VV	377	6654	0.07%	0.003%
110	9.220	9.208	9.241	VV	152	1637	0.02%	0.001%
111	9.248	9.241	9.261	VV	188	1708	0.02%	0.001%
112	9.279	9.261	9.293	VV	248	3565	0.04%	0.002%
113	9.311	9.293	9.328	VV	345	4256	0.04%	0.002%
114	9.360	9.328	9.378	VV	280	5647	0.06%	0.003%
115	9.421	9.378	9.441	VV	484	10196	0.10%	0.005%
116	9.504	9.441	9.562	VV	551697	5741432	56.51%	2.759%
117	9.576	9.562	9.604	VV	695	12995	0.13%	0.006%
118	9.645	9.604	9.664	VV	856	20067	0.20%	0.010%
119	9.682	9.664	9.695	VV	2440	29764	0.29%	0.014%
120	9.714	9.695	9.751	VV	8604	104766	1.03%	0.050%
121	9.775	9.751	9.864	VV	27283	324631	3.20%	0.156%
122	9.907	9.864	9.974	VV	493753	5368918	52.84%	2.580%
123	10.004	9.974	10.044	VV	553	12962	0.13%	0.006%
124	10.051	10.044	10.107	VV	256	3790	0.04%	0.002%
125	10.117	10.107	10.148	VV	123	1480	0.01%	0.001%
126	10.187	10.148	10.204	PV	419	5877	0.06%	0.003%
127	10.249	10.204	10.281	VV	6909	79745	0.78%	0.038%
128	10.294	10.281	10.310	VV	346	4606	0.05%	0.002%
129	10.346	10.310	10.371	VV	588	14165	0.14%	0.007%
130	10.385	10.371	10.408	VV	611	7828	0.08%	0.004%
131	10.425	10.408	10.473	VV	398	7236	0.07%	0.003%
132	10.506	10.473	10.523	PV	626	10319	0.10%	0.005%
133	10.555	10.523	10.581	VV	775	19032	0.19%	0.009%
134	10.598	10.581	10.624	VV	810	12651	0.12%	0.006%
135	10.643	10.624	10.684	VV	842	16470	0.16%	0.008%
136	10.709	10.684	10.733	VV	5475	65553	0.65%	0.031%
137	10.741	10.733	10.771	VV	933	12290	0.12%	0.006%
138	10.780	10.771	10.822	VV	368	7858	0.08%	0.004%
139	10.912	10.822	10.951	VV	503262	5731008	56.41%	2.754%
140	10.988	10.951	11.040	VV	530641	5647561	55.58%	2.714%
141	11.063	11.040	11.129	VV	1652	32023	0.32%	0.015%

rteres

142	11.153	11.129	11.173	VV	1266	16278	0.16%	0.008%
143	11.194	11.173	11.260	VV	2629	34795	0.34%	0.017%
144	11.279	11.260	11.301	VV	575	8304	0.08%	0.004%
145	11.353	11.301	11.394	VV	483472	5506256	54.19%	2.646%
146	11.418	11.394	11.485	VV	1267	35510	0.35%	0.017%
147	11.509	11.485	11.527	VV	707	9730	0.10%	0.005%
148	11.544	11.527	11.575	VV	516	9829	0.10%	0.005%
149	11.595	11.575	11.612	VV	480	6924	0.07%	0.003%
150	11.629	11.612	11.637	VV	471	5933	0.06%	0.003%
151	11.675	11.637	11.726	VV	464415	5285702	52.02%	2.540%
152	11.743	11.726	11.788	VV	1774	37751	0.37%	0.018%
153	11.828	11.788	11.846	VV	2110	43302	0.43%	0.021%
154	11.860	11.846	11.875	VV	1321	15247	0.15%	0.007%
155	11.891	11.875	11.920	VV	1325	18265	0.18%	0.009%
156	11.958	11.920	11.983	PV	573	9200	0.09%	0.004%
157	12.019	11.983	12.054	VV	883	18914	0.19%	0.009%
158	12.072	12.054	12.094	VV	1360	19925	0.20%	0.010%
159	12.118	12.094	12.162	VV	889	28101	0.28%	0.014%
160	12.185	12.162	12.226	VV	1185	25882	0.25%	0.012%
161	12.269	12.226	12.340	VV	53580	645595	6.35%	0.310%
162	12.353	12.340	12.372	VV	1176	18484	0.18%	0.009%
163	12.384	12.372	12.421	VV	962	21815	0.21%	0.010%
164	12.435	12.421	12.448	VV	661	9489	0.09%	0.005%
165	12.455	12.448	12.464	VV	668	5880	0.06%	0.003%
166	12.488	12.464	12.536	VV	1632	33611	0.33%	0.016%
167	12.563	12.536	12.580	VV	931	13625	0.13%	0.007%
168	12.611	12.580	12.627	VV	1371	23485	0.23%	0.011%
169	12.665	12.627	12.698	VV	468610	5621207	55.33%	2.701%
170	12.736	12.698	12.811	VV	481418	5597090	55.09%	2.689%
171	12.828	12.811	12.844	VV	201	2590	0.03%	0.001%
172	12.865	12.844	12.894	VV	394	9515	0.09%	0.005%
173	12.917	12.894	12.991	VV	4757	67098	0.66%	0.032%
174	13.037	12.991	13.071	VV	481883	5543235	54.56%	2.663%
175	13.110	13.071	13.175	VV	335245	4209090	41.43%	2.022%
176	13.218	13.175	13.239	VV	963	21479	0.21%	0.010%
177	13.277	13.239	13.318	VV	429946	5329426	52.45%	2.561%
178	13.326	13.318	13.347	VV	493	6082	0.06%	0.003%
179	13.390	13.347	13.408	VV	553	12182	0.12%	0.006%
180	13.430	13.408	13.448	VV	348	7314	0.07%	0.004%
181	13.506	13.448	13.572	VV	4370	89101	0.88%	0.043%
182	13.617	13.572	13.641	VV	2176	42419	0.42%	0.020%
183	13.653	13.641	13.671	VV	579	8499	0.08%	0.004%
184	13.706	13.671	13.713	VV	1017	17181	0.17%	0.008%
185	13.726	13.713	13.746	VV	1258	17100	0.17%	0.008%
186	13.768	13.746	13.794	VV	1220	17159	0.17%	0.008%
187	13.808	13.794	13.826	VV	884	10848	0.11%	0.005%
188	13.866	13.826	13.918	VV	421437	5232410	51.50%	2.514%
189	13.939	13.918	13.964	VV	813	13296	0.13%	0.006%
190	13.990	13.964	14.023	VV	1632	25028	0.25%	0.012%
191	14.040	14.023	14.061	VV	1224	14905	0.15%	0.007%
192	14.097	14.061	14.134	VV	490	11842	0.12%	0.006%
193	14.148	14.134	14.188	VV	240	4205	0.04%	0.002%
194	14.255	14.188	14.284	PV	2747	48737	0.48%	0.023%

rteres

195	14.300	14.284	14.327	VV	1435	24665	0.24%	0.012%
196	14.356	14.327	14.394	VV	1580	31515	0.31%	0.015%
197	14.425	14.394	14.446	VV	1509	24460	0.24%	0.012%
198	14.461	14.446	14.477	VV	722	10188	0.10%	0.005%
199	14.495	14.477	14.508	VV	597	9399	0.09%	0.005%
200	14.532	14.508	14.573	VV	2092	44487	0.44%	0.021%
201	14.598	14.573	14.622	VV	1881	29968	0.29%	0.014%
202	14.657	14.622	14.681	VV	1458	30692	0.30%	0.015%
203	14.695	14.681	14.755	VV	813	22701	0.22%	0.011%
204	14.808	14.755	14.845	VV	1030	33836	0.33%	0.016%
205	14.919	14.845	14.939	VV	382642	5143375	50.62%	2.471%
206	14.966	14.939	15.050	VV	755290	10160326	100.00%	4.882%
207	15.074	15.050	15.128	VV	2140	45271	0.45%	0.022%
208	15.157	15.128	15.190	VV	905	16802	0.17%	0.008%
209	15.215	15.190	15.232	VV	784	12518	0.12%	0.006%
210	15.246	15.232	15.258	VV	597	8499	0.08%	0.004%
211	15.269	15.258	15.304	VV	595	9318	0.09%	0.004%
212	15.346	15.304	15.430	VV	25801	409227	4.03%	0.197%
213	15.444	15.430	15.461	VV	468	6672	0.07%	0.003%
214	15.488	15.461	15.524	VV	1820	39199	0.39%	0.019%
215	15.566	15.524	15.603	VV	2572	63628	0.63%	0.031%
216	15.621	15.603	15.651	VV	1255	17757	0.17%	0.009%
217	15.671	15.651	15.697	VV	343	4970	0.05%	0.002%
218	15.750	15.697	15.780	VV	703	20640	0.20%	0.010%
219	15.822	15.780	15.843	VV	548	11886	0.12%	0.006%
220	15.869	15.843	15.901	PV	940	17564	0.17%	0.008%
221	15.912	15.901	15.927	VV	320	3992	0.04%	0.002%
222	15.994	15.927	16.033	VV	381501	4831848	47.56%	2.322%
223	16.052	16.033	16.076	VV	781	10088	0.10%	0.005%
224	16.088	16.076	16.105	VV	180	2825	0.03%	0.001%
225	16.122	16.105	16.148	VV	205	2931	0.03%	0.001%
226	16.195	16.148	16.240	PV	1422	33852	0.33%	0.016%
227	16.258	16.240	16.270	VV	695	9391	0.09%	0.005%
228	16.297	16.270	16.308	VV	1357	21667	0.21%	0.010%
229	16.326	16.308	16.339	VV	1881	29664	0.29%	0.014%
230	16.362	16.339	16.400	VV	6162	132691	1.31%	0.064%
231	16.418	16.400	16.429	VV	3363	49777	0.49%	0.024%
232	16.481	16.429	16.497	VV	357482	5220112	51.38%	2.508%
233	16.517	16.497	16.540	VV	420622	5009896	49.31%	2.407%
234	16.557	16.540	16.583	VV	14853	231427	2.28%	0.111%
235	16.607	16.583	16.629	VV	4633	111219	1.09%	0.053%
236	16.646	16.629	16.659	VV	4176	66062	0.65%	0.032%
237	16.676	16.659	16.694	VV	4927	85044	0.84%	0.041%
238	16.727	16.694	16.748	VV	6670	143182	1.41%	0.069%
239	16.765	16.748	16.776	VV	4394	67642	0.67%	0.033%
240	16.795	16.776	16.816	VV	6688	113429	1.12%	0.055%
241	16.865	16.816	16.893	VV	375095	5093158	50.13%	2.447%
242	16.944	16.893	16.977	VV	341741	4770935	46.96%	2.292%
243	16.991	16.977	17.004	VV	4272	60170	0.59%	0.029%
244	17.019	17.004	17.047	VV	4956	70308	0.69%	0.034%
245	17.074	17.047	17.101	VV	2605	46824	0.46%	0.022%
246	17.118	17.101	17.163	VV	954	16986	0.17%	0.008%

rteres

247	17.196	17.163	17.246	PV	1712	35717	0.35%	0.017%
248	17.307	17.246	17.358	VV	8607	158538	1.56%	0.076%
249	17.391	17.358	17.424	VV	5158	81714	0.80%	0.039%
250	17.476	17.424	17.496	VV	1365	23365	0.23%	0.011%
251	17.512	17.496	17.536	VV	607	11752	0.12%	0.006%
252	17.555	17.536	17.592	VV	480	9155	0.09%	0.004%
253	17.628	17.592	17.651	PV	372	7059	0.07%	0.003%
254	17.723	17.651	17.748	PV	4012	62838	0.62%	0.030%
255	17.834	17.748	17.881	VV	324698	4622142	45.49%	2.221%
256	17.921	17.881	17.968	VV	3708	57458	0.57%	0.028%
257	17.992	17.968	18.001	VV	698	8691	0.09%	0.004%
258	18.021	18.001	18.040	VV	946	13984	0.14%	0.007%
259	18.075	18.040	18.108	VV	1020	15718	0.15%	0.008%
260	18.137	18.108	18.147	PV	937	11329	0.11%	0.005%
261	18.241	18.147	18.257	VV	345059	5625138	55.36%	2.703%
262	18.278	18.257	18.306	VV	372046	4757653	46.83%	2.286%
263	18.315	18.306	18.334	VV	1531	21222	0.21%	0.010%
264	18.357	18.334	18.377	VV	1859	32950	0.32%	0.016%
265	18.395	18.377	18.438	VV	1382	24571	0.24%	0.012%
266	18.499	18.438	18.531	PV	326330	4732309	46.58%	2.274%
267	18.550	18.531	18.583	VV	937	23096	0.23%	0.011%
268	18.614	18.583	18.624	VV	1957	32472	0.32%	0.016%
269	18.668	18.624	18.718	VV	293631	4499633	44.29%	2.162%
270	18.764	18.718	18.810	VV	5187	144901	1.43%	0.070%
271	18.831	18.810	18.851	VV	1864	37794	0.37%	0.018%
272	18.877	18.851	18.898	VV	1525	37029	0.36%	0.018%
273	18.964	18.898	18.978	VV	2152	72577	0.71%	0.035%
274	19.021	18.978	19.046	VV	11701	255846	2.52%	0.123%
275	19.062	19.046	19.114	VV	7456	195439	1.92%	0.094%
276	19.160	19.114	19.183	VV	3803	123360	1.21%	0.059%
277	19.205	19.183	19.228	VV	3531	80796	0.80%	0.039%
278	19.264	19.228	19.298	VV	5819	155964	1.54%	0.075%
279	19.315	19.298	19.329	VV	3624	63451	0.62%	0.030%
280	19.340	19.329	19.351	VV	3454	42295	0.42%	0.020%
281	19.365	19.351	19.389	VV	3378	69639	0.69%	0.033%
282	19.454	19.389	19.494	VV	309003	4655989	45.83%	2.237%
283	19.519	19.494	19.537	VV	6041	129284	1.27%	0.062%
284	19.559	19.537	19.594	VV	8171	198502	1.95%	0.095%
285	19.635	19.594	19.661	VV	6505	210463	2.07%	0.101%
286	19.710	19.661	19.725	VV	5986	211353	2.08%	0.102%
287	19.745	19.725	19.764	VV	5731	128326	1.26%	0.062%
288	19.800	19.764	19.844	VV	10458	401861	3.96%	0.193%
289	19.859	19.844	19.899	VV	7431	230280	2.27%	0.111%
290	20.001	19.899	20.034	VV	10789	657057	6.47%	0.316%
291	20.194	20.034	20.243	VV	278914	5220356	51.38%	2.508%
292	20.332	20.243	20.401	VV	12833	1066564	10.50%	0.512%
293	20.435	20.401	20.443	VV	11614	287751	2.83%	0.138%
294	20.461	20.443	20.478	VV	11507	235984	2.32%	0.113%
295	20.490	20.478	20.518	VV	11348	270377	2.66%	0.130%
296	20.549	20.518	20.585	VV	11929	455077	4.48%	0.219%
297	20.597	20.585	20.643	VV	10278	344573	3.39%	0.166%
298	20.661	20.643	20.672	VV	9462	160078	1.58%	0.077%
299	20.682	20.672	20.703	VV	9306	172309	1.70%	0.083%

rteres

300	20.729	20.703	20.780	VV	9233	405858	3.99%	0.195%
301	20.876	20.780	20.901	VV	8542	607532	5.98%	0.292%
302	20.963	20.901	21.058	VV	215146	4674956	46.01%	2.246%
303	21.067	21.058	21.098	VV	7191	164505	1.62%	0.079%
304	21.111	21.098	21.140	VV	6519	161081	1.59%	0.077%
305	21.164	21.140	21.203	VV	6375	237714	2.34%	0.114%
306	21.218	21.203	21.299	VV	6073	322195	3.17%	0.155%
307	21.362	21.299	21.376	VV	5001	232795	2.29%	0.112%
308	21.417	21.376	21.441	VV	6119	202943	2.00%	0.098%
309	21.461	21.441	21.471	VV	4968	88736	0.87%	0.043%
310	21.479	21.471	21.577	VV	4866	264186	2.60%	0.127%
311	21.592	21.577	21.710	VV	3627	243629	2.40%	0.117%
312	21.759	21.710	21.838	VV	3432	216608	2.13%	0.104%
313	21.929	21.838	22.024	VV	157243	3895607	38.34%	1.872%
314	22.088	22.024	22.106	VV	575	28022	0.28%	0.013%
315	22.140	22.106	22.175	VV	674	17619	0.17%	0.008%

Sum of corrected areas: 208119008

Aliphatic EPH 071525.M Tue Jul 29 01:56:38 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069553.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 19:46
Operator : YP/AJ
Sample : Q2706-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
RT-5417MSD

Integration File: sample.E
Quant Time: Jul 29 01:18:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 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)	11.676	5511304	37.137 ug/ml
Spiked Amount	50.000		Recovery =	74.27%
12)	S 1-chlorooctadecane (S...	13.110	4406683	38.994 ug/ml
Spiked Amount	50.000		Recovery =	77.99%
	Target Compounds			
1)	T n-Nonane (C9)	3.405	4057702	29.818 ug/ml
2)	T n-Decane (C10)	4.478	4612479	33.140 ug/ml
3)	T A~Naphthalene (C11.7)	6.073	5509706	36.462 ug/ml
4)	T n-Dodecane (C12)	6.502	4947964	34.910 ug/ml
5)	T A~2-methylnaphthalene...	7.133	5237219	35.848 ug/ml
6)	T n-Tetradecane (C14)	8.303	5162097	36.306 ug/ml
7)	T n-Hexadecane (C16)	9.907	5639360	38.636 ug/ml
8)	T n-Octadecane (C18)	11.353	5782588	40.199 ug/ml
10)	T n-Eicosane (C20)	12.665	5901590	43.960 ug/ml
11)	T n-Heneicosane (C21)	13.278	5599520	43.109 ug/ml
13)	T n-Docosane (C22)	13.865	5486910	43.201 ug/ml
14)	T n-Tetracosane (C24)	14.966	10634886	87.134 ug/ml
15)	T n-Hexacosane (C26)	15.995	5060099	43.553 ug/ml
16)	T n-Octacosane (C28)	16.944	4886037	44.133 ug/ml
17)	T n-Tricontane (C30)	17.835	4798528	43.822 ug/ml
18)	T n-Dotriacontane (C32)	18.667	4706328	45.353 ug/ml
19)	T n-Tetratriacontane (C34)	19.454	4697993	49.858 ug/ml
20)	T n-Hexatriacontane (C36)	20.196	4245643	51.401 ug/ml
21)	T n-Octatriacontane (C38)	20.962	4185202	55.102 ug/ml
22)	T n-Tetracontane (C40)	21.929	3957491	54.028 ug/ml

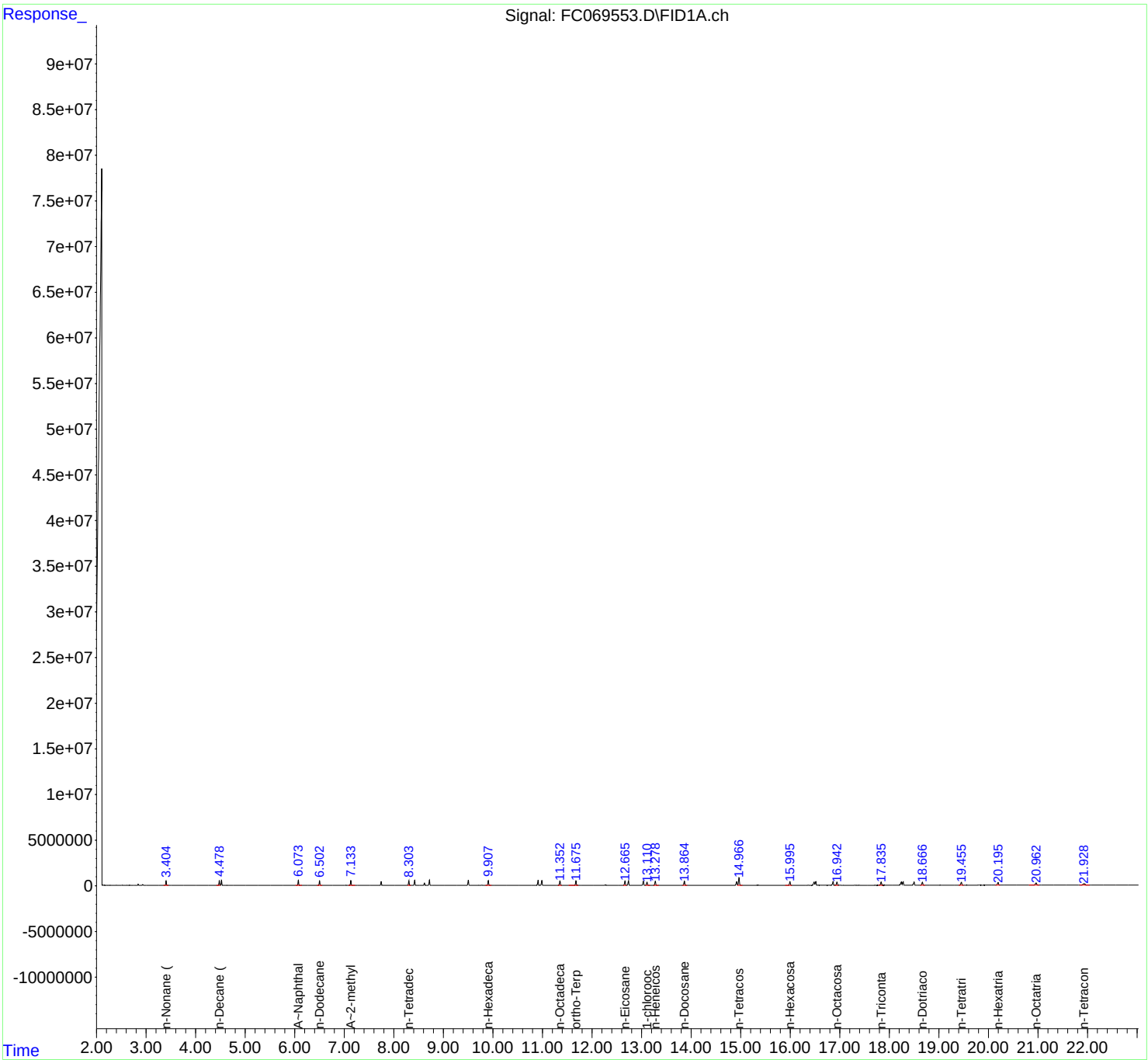
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069553.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 19:46
Operator : YP/AJ
Sample : Q2706-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
RT-5417MSD

Integration File: sample.E
Quant Time: Jul 29 01:18:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 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\FC072825AL\
Data File : FC069553.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 19:46
Sample : Q2706-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.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	3.228	3.204	3.240	BV	257	2728	0.03%	0.001%
2	3.255	3.240	3.274	VV	561	6847	0.06%	0.003%
3	3.297	3.274	3.337	VV	420	8296	0.08%	0.004%
4	3.353	3.337	3.374	PV	90	1274	0.01%	0.001%
5	3.405	3.374	3.504	VV	492372	4079496	38.26%	1.874%
6	3.553	3.504	3.573	VV	1449	17886	0.17%	0.008%
7	3.585	3.573	3.624	VV	343	7024	0.07%	0.003%
8	3.695	3.624	3.739	VV	2077	36104	0.34%	0.017%
9	3.756	3.739	3.771	VV	466	5930	0.06%	0.003%
10	3.790	3.771	3.824	VV	3610	32470	0.30%	0.015%
11	3.847	3.824	3.864	VV	227	3197	0.03%	0.001%
12	3.887	3.864	3.936	VV	2956	29842	0.28%	0.014%
13	3.969	3.936	4.041	VV	2533	28576	0.27%	0.013%
14	4.081	4.041	4.093	VV	444	8936	0.08%	0.004%
15	4.104	4.093	4.154	VV	838	15222	0.14%	0.007%
16	4.182	4.154	4.204	VV	358	8310	0.08%	0.004%
17	4.241	4.204	4.254	VV	707	13160	0.12%	0.006%
18	4.263	4.254	4.304	VV	456	9858	0.09%	0.005%
19	4.320	4.304	4.341	VV	333	5478	0.05%	0.003%
20	4.348	4.341	4.360	VV	274	2629	0.02%	0.001%
21	4.398	4.360	4.420	VV	343	9246	0.09%	0.004%
22	4.436	4.420	4.444	VV	376	4354	0.04%	0.002%
23	4.478	4.444	4.499	VV	523928	4621287	43.35%	2.122%
24	4.522	4.499	4.565	VV	564399	4960957	46.53%	2.278%
25	4.583	4.565	4.606	VV	5414	54215	0.51%	0.025%
26	4.629	4.606	4.673	VV	8824	88284	0.83%	0.041%
27	4.694	4.673	4.715	VV	524	8815	0.08%	0.004%
28	4.731	4.715	4.748	VV	528	5917	0.06%	0.003%
29	4.764	4.748	4.781	VV	406	5004	0.05%	0.002%
30	4.809	4.781	4.841	VV	381	7985	0.07%	0.004%
31	4.855	4.841	4.869	VV	265	3334	0.03%	0.002%
32	4.881	4.869	4.920	VV	261	5509	0.05%	0.003%
33	4.951	4.920	5.003	VV	259	8416	0.08%	0.004%
34	5.011	5.003	5.091	VV	173	7759	0.07%	0.004%
35	5.109	5.091	5.142	VV	297	6630	0.06%	0.003%
36	5.152	5.142	5.166	VV	191	2402	0.02%	0.001%

rteres

37	5.201	5.166	5.235	VV	237	6655	0.06%	0.003%
38	5.257	5.235	5.280	VV	151	2910	0.03%	0.001%
39	5.292	5.280	5.306	VV	152	1398	0.01%	0.001%
40	5.332	5.306	5.354	PV	470	6325	0.06%	0.003%
41	5.363	5.354	5.375	VV	122	1283	0.01%	0.001%
42	5.389	5.375	5.414	VV	163	2882	0.03%	0.001%
43	5.419	5.414	5.489	VV	178	4331	0.04%	0.002%
44	5.515	5.489	5.538	VV	1761	18326	0.17%	0.008%
45	5.568	5.538	5.596	VV	366	7365	0.07%	0.003%
46	5.620	5.596	5.664	VV	406	7567	0.07%	0.003%
47	5.672	5.664	5.681	VV	153	1041	0.01%	0.000%
48	5.696	5.681	5.716	VV	216	3056	0.03%	0.001%
49	5.752	5.716	5.776	VV	257	5753	0.05%	0.003%
50	5.813	5.776	5.838	VV	270	7165	0.07%	0.003%
51	5.857	5.838	5.876	VV	347	4600	0.04%	0.002%
52	5.907	5.876	5.948	VV	218	7045	0.07%	0.003%
53	5.958	5.948	5.984	VV	174	3316	0.03%	0.002%
54	6.029	5.984	6.040	VV	226	5289	0.05%	0.002%
55	6.073	6.040	6.191	VV	585445	5542744	51.99%	2.546%
56	6.218	6.191	6.254	VV	479	12170	0.11%	0.006%
57	6.295	6.254	6.305	VV	298	7127	0.07%	0.003%
58	6.311	6.305	6.324	VV	257	2453	0.02%	0.001%
59	6.344	6.324	6.404	VV	889	20940	0.20%	0.010%
60	6.414	6.404	6.471	VV	1220	23618	0.22%	0.011%
61	6.502	6.471	6.556	VV	506647	4967140	46.59%	2.281%
62	6.569	6.556	6.608	VV	649	11345	0.11%	0.005%
63	6.649	6.608	6.678	VV	575	12097	0.11%	0.006%
64	6.687	6.678	6.721	VV	279	4888	0.05%	0.002%
65	6.741	6.721	6.754	VV	222	3254	0.03%	0.001%
66	6.774	6.754	6.807	VV	337	6936	0.07%	0.003%
67	6.827	6.807	6.868	VV	328	6967	0.07%	0.003%
68	6.889	6.868	6.907	VV	474	6498	0.06%	0.003%
69	6.921	6.907	6.934	VV	417	4760	0.04%	0.002%
70	6.975	6.934	7.012	VV	5724	69639	0.65%	0.032%
71	7.037	7.012	7.088	VV	11444	121020	1.14%	0.056%
72	7.133	7.088	7.234	VV	544847	5261698	49.35%	2.416%
73	7.268	7.234	7.304	VV	2442	39931	0.37%	0.018%
74	7.322	7.304	7.338	VV	2310	28756	0.27%	0.013%
75	7.347	7.338	7.371	VV	1268	15773	0.15%	0.007%
76	7.398	7.371	7.409	VV	1064	14482	0.14%	0.007%
77	7.426	7.409	7.450	VV	2097	24290	0.23%	0.011%
78	7.479	7.450	7.511	VV	544	13449	0.13%	0.006%
79	7.518	7.511	7.578	VV	397	8335	0.08%	0.004%
80	7.606	7.578	7.627	VV	673	9985	0.09%	0.005%
81	7.644	7.627	7.674	VV	386	7022	0.07%	0.003%
82	7.683	7.674	7.693	VV	163	1467	0.01%	0.001%
83	7.851	7.801	7.867	VV	990	24877	0.23%	0.011%
84	7.881	7.867	7.908	VV	1430	19576	0.18%	0.009%
85	7.913	7.908	7.968	VV	384	10561	0.10%	0.005%
86	7.995	7.968	8.030	VV	1832	27934	0.26%	0.013%
87	8.052	8.030	8.093	VV	1297	22854	0.21%	0.010%
88	8.126	8.093	8.145	VV	644	15984	0.15%	0.007%
89	8.161	8.145	8.171	VV	617	8899	0.08%	0.004%

rteres

90	8.196	8.171	8.217	VV	801	18429	0.17%	0.008%
91	8.231	8.217	8.241	VV	832	9982	0.09%	0.005%
92	8.267	8.241	8.277	VV	13071	144385	1.35%	0.066%
93	8.303	8.277	8.340	VV	497983	5184584	48.63%	2.381%
94	8.361	8.340	8.374	VV	734	10764	0.10%	0.005%
95	8.420	8.374	8.479	VV	573577	5794848	54.35%	2.661%
96	8.487	8.479	8.498	VV	540	5317	0.05%	0.002%
97	8.529	8.498	8.574	VV	610	15236	0.14%	0.007%
98	8.718	8.681	8.755	VV	592790	5868258	55.04%	2.695%
99	8.769	8.755	8.817	VV	1164	25439	0.24%	0.012%
100	8.834	8.817	8.884	VV	585	11132	0.10%	0.005%
101	8.910	8.884	8.941	VV	979	16321	0.15%	0.007%
102	8.953	8.941	8.966	VV	396	4968	0.05%	0.002%
103	8.987	8.966	9.064	VV	1894	42941	0.40%	0.020%
104	9.070	9.064	9.090	VV	280	3176	0.03%	0.001%
105	9.123	9.090	9.151	VV	1377	20109	0.19%	0.009%
106	9.163	9.151	9.212	VV	366	6331	0.06%	0.003%
107	9.278	9.212	9.294	VV	254	5407	0.05%	0.002%
108	9.309	9.294	9.328	VV	268	3146	0.03%	0.001%
109	9.365	9.328	9.390	PV	303	5960	0.06%	0.003%
110	9.418	9.390	9.441	VV	447	7706	0.07%	0.004%
111	9.504	9.441	9.559	VV	570584	6016414	56.43%	2.763%
112	9.577	9.559	9.608	VV	694	13549	0.13%	0.006%
113	9.646	9.608	9.661	VV	877	18341	0.17%	0.008%
114	9.681	9.661	9.695	VV	2555	31065	0.29%	0.014%
115	9.714	9.695	9.750	VV	9355	108572	1.02%	0.050%
116	9.775	9.750	9.867	VV	29192	339419	3.18%	0.156%
117	9.907	9.867	9.971	VV	526792	5657854	53.07%	2.598%
118	10.006	9.971	10.038	VV	601	13307	0.12%	0.006%
119	10.057	10.038	10.100	VV	126	2682	0.03%	0.001%
120	10.114	10.100	10.160	PV	48	1408	0.01%	0.001%
121	10.187	10.160	10.208	PV	541	6427	0.06%	0.003%
122	10.249	10.208	10.279	VV	7508	83552	0.78%	0.038%
123	10.292	10.279	10.308	VV	362	4700	0.04%	0.002%
124	10.348	10.308	10.371	VV	615	14581	0.14%	0.007%
125	10.384	10.371	10.408	VV	618	8596	0.08%	0.004%
126	10.425	10.408	10.445	VV	465	5961	0.06%	0.003%
127	10.454	10.445	10.478	VV	213	2623	0.02%	0.001%
128	10.505	10.478	10.528	VV	646	12699	0.12%	0.006%
129	10.554	10.528	10.583	VV	894	19498	0.18%	0.009%
130	10.599	10.583	10.624	VV	738	12225	0.11%	0.006%
131	10.643	10.624	10.658	VV	849	11622	0.11%	0.005%
132	10.668	10.658	10.684	VV	427	5756	0.05%	0.003%
133	10.709	10.684	10.818	VV	5652	89228	0.84%	0.041%
134	10.837	10.818	10.851	VV	262	3808	0.04%	0.002%
135	10.911	10.851	10.950	VV	554141	6000023	56.28%	2.756%
136	10.988	10.950	11.041	VV	551774	5915546	55.49%	2.717%
137	11.063	11.041	11.134	VV	1724	31858	0.30%	0.015%
138	11.153	11.134	11.172	VV	1341	16428	0.15%	0.008%
139	11.194	11.172	11.235	VV	2671	35170	0.33%	0.016%
140	11.278	11.235	11.301	VV	718	12215	0.11%	0.006%
141	11.353	11.301	11.390	VV	494644	5798829	54.39%	2.663%

rteres

142	11.420	11.390	11.481	VV	1369	39343	0.37%	0.018%
143	11.509	11.481	11.528	VV	771	11588	0.11%	0.005%
144	11.546	11.528	11.574	VV	606	10102	0.09%	0.005%
145	11.596	11.574	11.608	VV	522	6515	0.06%	0.003%
146	11.623	11.608	11.634	VV	574	7435	0.07%	0.003%
147	11.676	11.634	11.726	VV	508194	5531223	51.88%	2.540%
148	11.742	11.726	11.758	VV	1806	23526	0.22%	0.011%
149	11.766	11.758	11.788	VV	1164	14891	0.14%	0.007%
150	11.827	11.788	11.846	VV	2272	44675	0.42%	0.021%
151	11.861	11.846	11.875	VV	1436	16990	0.16%	0.008%
152	11.890	11.875	11.917	VV	1473	19283	0.18%	0.009%
153	11.955	11.917	11.981	PV	680	10545	0.10%	0.005%
154	12.018	11.981	12.045	VV	897	18088	0.17%	0.008%
155	12.072	12.045	12.095	VV	1452	22947	0.22%	0.011%
156	12.115	12.095	12.158	VV	1012	27275	0.26%	0.013%
157	12.184	12.158	12.219	VV	1183	23612	0.22%	0.011%
158	12.269	12.219	12.337	VV	56061	691411	6.49%	0.318%
159	12.353	12.337	12.371	VV	1126	20232	0.19%	0.009%
160	12.385	12.371	12.418	VV	918	20753	0.19%	0.010%
161	12.452	12.418	12.463	VV	699	16393	0.15%	0.008%
162	12.487	12.463	12.537	VV	1546	35289	0.33%	0.016%
163	12.562	12.537	12.579	VV	968	13176	0.12%	0.006%
164	12.611	12.579	12.627	VV	1453	24499	0.23%	0.011%
165	12.665	12.627	12.697	VV	499622	5911393	55.45%	2.715%
166	12.736	12.697	12.813	VV	524995	5858653	54.95%	2.691%
167	12.832	12.813	12.845	VV	150	1890	0.02%	0.001%
168	12.863	12.845	12.878	VV	425	5635	0.05%	0.003%
169	12.888	12.878	12.893	VV	372	3021	0.03%	0.001%
170	12.917	12.893	12.962	VV	5044	64428	0.60%	0.030%
171	13.037	12.962	13.072	VV	482860	5809086	54.49%	2.668%
172	13.110	13.072	13.144	VV	357476	4410069	41.36%	2.025%
173	13.155	13.144	13.181	VV	392	5106	0.05%	0.002%
174	13.217	13.181	13.240	VV	893	19649	0.18%	0.009%
175	13.278	13.240	13.344	VV	462408	5604863	52.57%	2.574%
176	13.389	13.344	13.410	VV	617	12739	0.12%	0.006%
177	13.424	13.410	13.438	VV	381	4179	0.04%	0.002%
178	13.505	13.438	13.573	VV	4842	96114	0.90%	0.044%
179	13.618	13.573	13.642	VV	2325	41818	0.39%	0.019%
180	13.652	13.642	13.671	VV	611	7924	0.07%	0.004%
181	13.705	13.671	13.713	VV	985	16461	0.15%	0.008%
182	13.725	13.713	13.746	VV	1225	15986	0.15%	0.007%
183	13.767	13.746	13.788	VV	1166	15130	0.14%	0.007%
184	13.807	13.788	13.825	VV	829	11134	0.10%	0.005%
185	13.865	13.825	13.920	VV	447096	5497783	51.57%	2.525%
186	13.937	13.920	13.963	VV	884	11699	0.11%	0.005%
187	13.990	13.963	14.023	VV	1629	23609	0.22%	0.011%
188	14.041	14.023	14.062	VV	1104	13934	0.13%	0.006%
189	14.096	14.062	14.140	VV	504	11776	0.11%	0.005%
190	14.156	14.140	14.169	VV	196	2424	0.02%	0.001%
191	14.175	14.169	14.191	VV	129	1108	0.01%	0.001%
192	14.254	14.191	14.279	VV	2796	47448	0.45%	0.022%
193	14.300	14.279	14.330	VV	1467	27426	0.26%	0.013%
194	14.356	14.330	14.402	VV	1637	30018	0.28%	0.014%

rteres

195	14.425	14.402	14.445	VV	1705	21975	0.21%	0.010%
196	14.458	14.445	14.474	VV	646	8894	0.08%	0.004%
197	14.491	14.474	14.506	VV	546	8745	0.08%	0.004%
198	14.532	14.506	14.574	VV	2157	43812	0.41%	0.020%
199	14.597	14.574	14.618	VV	2036	28309	0.27%	0.013%
200	14.657	14.618	14.678	VV	1532	31303	0.29%	0.014%
201	14.690	14.678	14.748	VV	706	21805	0.20%	0.010%
202	14.808	14.748	14.845	VV	1001	32676	0.31%	0.015%
203	14.866	14.845	14.874	VV	660	8101	0.08%	0.004%
204	14.920	14.874	14.939	VV	403989	5391840	50.57%	2.476%
205	14.966	14.939	15.035	VV	842628	10661373	100.00%	4.896%
206	15.073	15.035	15.125	VV	2095	48867	0.46%	0.022%
207	15.154	15.125	15.190	VV	829	16124	0.15%	0.007%
208	15.216	15.190	15.232	VV	715	11174	0.10%	0.005%
209	15.250	15.232	15.294	VV	563	14822	0.14%	0.007%
210	15.345	15.294	15.428	VV	26703	425131	3.99%	0.195%
211	15.447	15.428	15.463	VV	403	5963	0.06%	0.003%
212	15.486	15.463	15.524	VV	2029	39073	0.37%	0.018%
213	15.566	15.524	15.603	VV	2689	64748	0.61%	0.030%
214	15.621	15.603	15.647	VV	1358	17139	0.16%	0.008%
215	15.668	15.647	15.701	VV	387	5742	0.05%	0.003%
216	15.742	15.701	15.778	VV	703	20608	0.19%	0.009%
217	15.820	15.778	15.844	PV	710	10899	0.10%	0.005%
218	15.868	15.844	15.894	PV	977	15423	0.14%	0.007%
219	15.907	15.894	15.927	VV	344	4252	0.04%	0.002%
220	15.995	15.927	16.034	VV	406886	5070352	47.56%	2.329%
221	16.054	16.034	16.075	VV	745	9286	0.09%	0.004%
222	16.088	16.075	16.104	VV	280	2940	0.03%	0.001%
223	16.124	16.104	16.143	VV	329	4275	0.04%	0.002%
224	16.194	16.143	16.242	PV	1462	35985	0.34%	0.017%
225	16.256	16.242	16.268	VV	633	7525	0.07%	0.003%
226	16.326	16.268	16.338	VV	1991	52121	0.49%	0.024%
227	16.362	16.338	16.399	VV	6601	136668	1.28%	0.063%
228	16.417	16.399	16.428	VV	3424	50626	0.47%	0.023%
229	16.482	16.428	16.498	VV	359224	5488496	51.48%	2.521%
230	16.517	16.498	16.541	VV	420497	5259196	49.33%	2.415%
231	16.557	16.541	16.582	VV	16269	236676	2.22%	0.109%
232	16.606	16.582	16.634	VV	4655	127309	1.19%	0.058%
233	16.644	16.634	16.657	VV	4310	53421	0.50%	0.025%
234	16.676	16.657	16.698	VV	5062	100927	0.95%	0.046%
235	16.726	16.698	16.747	VV	6743	139503	1.31%	0.064%
236	16.793	16.747	16.816	VV	7007	187028	1.75%	0.086%
237	16.866	16.816	16.893	VV	415935	5352676	50.21%	2.458%
238	16.944	16.893	16.976	VV	361846	5008911	46.98%	2.300%
239	16.990	16.976	17.004	VV	4825	63715	0.60%	0.029%
240	17.019	17.004	17.046	VV	5465	72592	0.68%	0.033%
241	17.074	17.046	17.101	VV	2725	48916	0.46%	0.022%
242	17.118	17.101	17.164	VV	1082	16803	0.16%	0.008%
243	17.195	17.164	17.263	PV	1819	38880	0.36%	0.018%
244	17.307	17.263	17.348	VV	8954	155418	1.46%	0.071%
245	17.391	17.348	17.423	VV	5297	92250	0.87%	0.042%
246	17.438	17.423	17.451	VV	323	3862	0.04%	0.002%

rteres

247	17.476	17.451	17.497	VV	1307	21033	0.20%	0.010%
248	17.514	17.497	17.534	VV	697	10575	0.10%	0.005%
249	17.558	17.534	17.591	VV	400	8580	0.08%	0.004%
250	17.622	17.591	17.644	PV	482	6632	0.06%	0.003%
251	17.722	17.644	17.745	PV	4165	61961	0.58%	0.028%
252	17.835	17.745	17.872	VV	361015	4858897	45.57%	2.231%
253	17.921	17.872	17.968	VV	3794	59297	0.56%	0.027%
254	18.019	17.968	18.043	VV	924	23504	0.22%	0.011%
255	18.073	18.043	18.108	VV	977	16550	0.16%	0.008%
256	18.135	18.108	18.144	PV	857	11141	0.10%	0.005%
257	18.189	18.144	18.198	VV	14148	192543	1.81%	0.088%
258	18.243	18.198	18.257	VV	385216	5777405	54.19%	2.653%
259	18.279	18.257	18.333	VV	370589	5004528	46.94%	2.298%
260	18.357	18.333	18.377	VV	1991	37151	0.35%	0.017%
261	18.395	18.377	18.443	VV	1445	28634	0.27%	0.013%
262	18.500	18.443	18.584	VV	359706	4999558	46.89%	2.296%
263	18.613	18.584	18.624	VV	2023	30894	0.29%	0.014%
264	18.667	18.624	18.720	VV	340138	4733577	44.40%	2.174%
265	18.764	18.720	18.812	VV	4994	138349	1.30%	0.064%
266	18.830	18.812	18.854	VV	1791	37208	0.35%	0.017%
267	18.874	18.854	18.896	VV	1576	33390	0.31%	0.015%
268	18.919	18.896	18.927	VV	1312	22621	0.21%	0.010%
269	18.964	18.927	18.977	VV	2174	51156	0.48%	0.023%
270	19.020	18.977	19.045	VV	11824	268412	2.52%	0.123%
271	19.063	19.045	19.118	VV	8114	211751	1.99%	0.097%
272	19.159	19.118	19.181	VV	3741	114622	1.08%	0.053%
273	19.203	19.181	19.224	VV	3517	77985	0.73%	0.036%
274	19.264	19.224	19.291	VV	5977	143819	1.35%	0.066%
275	19.313	19.291	19.324	VV	3415	59962	0.56%	0.028%
276	19.334	19.324	19.344	VV	3229	38856	0.36%	0.018%
277	19.363	19.344	19.385	VV	3204	72869	0.68%	0.033%
278	19.454	19.385	19.496	VV	329905	4902878	45.99%	2.252%
279	19.520	19.496	19.535	VV	6374	121194	1.14%	0.056%
280	19.560	19.535	19.592	VV	8158	202206	1.90%	0.093%
281	19.634	19.592	19.659	VV	6288	207715	1.95%	0.095%
282	19.702	19.659	19.724	VV	5761	206214	1.93%	0.095%
283	19.744	19.724	19.762	VV	5507	119971	1.13%	0.055%
284	19.799	19.762	19.844	VV	10652	408833	3.83%	0.188%
285	19.857	19.844	19.898	VV	7172	214065	2.01%	0.098%
286	20.002	19.898	20.035	VV	10590	632786	5.94%	0.291%
287	20.104	20.035	20.121	VV	9295	467750	4.39%	0.215%
288	20.195	20.121	20.234	VV	278245	4880416	45.78%	2.241%
289	20.328	20.234	20.394	VV	13149	1064344	9.98%	0.489%
290	20.498	20.394	20.581	VV	14175	1400675	13.14%	0.643%
291	20.590	20.581	20.651	VV	10137	409176	3.84%	0.188%
292	20.664	20.651	20.707	VV	9306	300224	2.82%	0.138%
293	20.739	20.707	20.777	VV	8624	351056	3.29%	0.161%
294	20.829	20.777	20.841	VV	8028	306464	2.87%	0.141%
295	20.867	20.841	20.881	VV	8216	193387	1.81%	0.089%
296	20.962	20.881	21.031	VV	236824	4842969	45.43%	2.224%
297	21.064	21.031	21.098	VV	6962	274812	2.58%	0.126%
298	21.108	21.098	21.148	VV	6371	178130	1.67%	0.082%
299	21.167	21.148	21.224	VV	5669	245533	2.30%	0.113%

rteres

300	21.233	21.224	21.251	VV	4951	77973	0.73%	0.036%
301	21.409	21.251	21.439	VV	5566	560280	5.26%	0.257%
302	21.458	21.439	21.578	VV	5188	357785	3.36%	0.164%
303	21.589	21.578	21.700	VV	3385	215445	2.02%	0.099%
304	21.760	21.700	21.830	VV	3233	198046	1.86%	0.091%
305	21.929	21.830	22.060	VV	166540	4120235	38.65%	1.892%
306	22.077	22.060	22.104	VV	522	10110	0.09%	0.005%
307	22.142	22.104	22.177	VV	733	17132	0.16%	0.008%

Sum of corrected areas: 217746263

Aliphatic EPH 071525.M Tue Jul 29 01:57:28 2025

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

Manual Integration Report

Sequence:	FC071525AL	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:	FC072825AL	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:	FE072625AL	Instrument	FID_e

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:	FE072825AL	Instrument	FID_e

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:	FE072925AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2700-01DL	FE055060.D	ortho-Terphenyl (SURR)	yogesh	7/30/2025 7:21:54 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2700-02DL	FE055061.D	ortho-Terphenyl (SURR)	yogesh	7/30/2025 7:21:55 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01	FE055069.D	1-chlorooctadecane (SURR)	yogesh	7/30/2025 7:21:57 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01	FE055069.D	ortho-Terphenyl (SURR)	yogesh	7/30/2025 7:21:57 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01D	FE055070.D	1-chlorooctadecane (SURR)	yogesh	7/30/2025 7:21:59 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01D	FE055070.D	ortho-Terphenyl (SURR)	yogesh	7/30/2025 7:21:59 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	1-chlorooctadecane (SURR)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	n-Docosane (C22)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	n-Eicosane (C20)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	n-Heneicosane (C21)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	n-Octadecane (C18)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	ortho-Terphenyl (SURR)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MSD	FE055072.D	n-Heneicosane (C21)	yogesh	7/30/2025 7:22:04 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software

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

Manual Integration Report

Sequence:	FE072925AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2709-01MSD	FE055072.D	n-Octadecane (C18)	yogesh	7/30/2025 7:22:04 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MSD	FE055072.D	ortho-Terphenyl (SURR)	yogesh	7/30/2025 7:22:04 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2710-02	FE055074.D	1-chlorooctadecane (SURR)	yogesh	7/30/2025 7:22:05 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2710-02	FE055074.D	ortho-Terphenyl (SURR)	yogesh	7/30/2025 7:22:05 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE055077.D	n-Dotriacontane (C32)	yogesh	7/30/2025 7:22:07 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE055077.D	n-Octatriacontane (C38)	yogesh	7/30/2025 7:22:07 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE055077.D	n-Tetratriacontane (C34)	yogesh	7/30/2025 7:22:07 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE055077.D	n-Tricontane (C30)	yogesh	7/30/2025 7:22:07 AM	mohammad	7/31/2025 1:17:14	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 # FC071525AL

Review By	yogesh	Review On	7/15/2025 11:40:50 AM		
Supervise By	mohammad	Supervise On	7/17/2025 1:46:10 AM		
SubDirectory	FC071525AL	HP Acquire Method		HP Processing Method	FC071525AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069446.D	15 Jul 2025 07:39	YP/AJ	Ok
2	I.BLK	FC069447.D	15 Jul 2025 08:20	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069448.D	15 Jul 2025 09:05	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069449.D	15 Jul 2025 09:50	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069450.D	15 Jul 2025 10:35	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069451.D	15 Jul 2025 11:20	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC069452.D	15 Jul 2025 12:05	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069453.D	15 Jul 2025 12:52	YP/AJ	Ok
9	I.BLK	FC069454.D	15 Jul 2025 13:39	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069455.D	15 Jul 2025 14:26	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 # FC072825AL

Review By	yogesh	Review On	7/28/2025 1:14:48 PM		
Supervise By	mohammad	Supervise On	7/30/2025 2:12:19 AM		
SubDirectory	FC072825AL	HP Acquire Method		HP Processing Method	FC071525AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069541.D	28 Jul 2025 10:58	YP/AJ	Ok
2	I.BLK	FC069542.D	28 Jul 2025 11:41	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069543.D	28 Jul 2025 12:24	YP/AJ	Ok
4	Q2689-02DL	FC069544.D	28 Jul 2025 13:08	YP/AJ	Ok
5	PB169002BS	FC069545.D	28 Jul 2025 13:51	YP/AJ	Ok
6	PB169002BSD	FC069546.D	28 Jul 2025 14:35	YP/AJ	Ok
7	PB169021BL	FC069547.D	28 Jul 2025 15:18	YP/AJ	Ok
8	PB169021BS	FC069548.D	28 Jul 2025 16:02	YP/AJ	Ok
9	PB169021BSD	FC069549.D	28 Jul 2025 16:46	YP/AJ	Ok
10	Q2706-01	FC069550.D	28 Jul 2025 17:31	YP/AJ	Ok
11	Q2706-01D	FC069551.D	28 Jul 2025 18:17	YP/AJ	Ok
12	Q2706-01MS	FC069552.D	28 Jul 2025 19:02	YP/AJ	Ok
13	Q2706-01MSD	FC069553.D	28 Jul 2025 19:46	YP/AJ	Ok
14	I.BLK	FC069554.D	28 Jul 2025 21:15	YP/AJ	Ok
15	20 PPM ALIPHATIC HC STD	FC069555.D	28 Jul 2025 21:59	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 # FE072625AL

Review By	yogesh	Review On	7/25/2025 3:23:49 PM		
Supervise By	mohammad	Supervise On	7/29/2025 2:03:12 AM		
SubDirectory	FE072625AL	HP Acquire Method		HP Processing Method	FE072625AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055030.D	25 Jul 2025 19:19	YP\AJ	Ok
2	I.BLK	FE055031.D	25 Jul 2025 19:49	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE055032.D	25 Jul 2025 20:19	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE055033.D	25 Jul 2025 20:50	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE055034.D	25 Jul 2025 21:20	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE055035.D	25 Jul 2025 21:50	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE055036.D	25 Jul 2025 22:21	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE055037.D	25 Jul 2025 22:51	YP\AJ	Ok
9	I.BLK	FE055038.D	25 Jul 2025 23:52	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE055039.D	26 Jul 2025 00:22	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 # FE072825AL

Review By	yogesh	Review On	7/28/2025 1:13:19 PM		
Supervise By	mohammad	Supervise On	7/30/2025 2:12:27 AM		
SubDirectory	FE072825AL	HP Acquire Method		HP Processing Method	FE072625AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055040.D	28 Jul 2025 10:45	YP\AJ	Ok
2	I.BLK	FE055041.D	28 Jul 2025 11:16	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE055042.D	28 Jul 2025 11:46	YP\AJ	Ok
4	Q2691-01DL	FE055043.D	28 Jul 2025 12:17	YP\AJ	Ok
5	Q2691-07DL	FE055044.D	28 Jul 2025 12:47	YP\AJ	Ok
6	I.BLK	FE055045.D	28 Jul 2025 13:48	YP\AJ	Ok
7	20 PPM ALIPHATIC HC STD	FE055046.D	28 Jul 2025 14:18	YP\AJ	Ok
8	Q2700-01	FE055047.D	28 Jul 2025 14:49	YP\AJ	Dilution
9	Q2700-02	FE055048.D	28 Jul 2025 15:19	YP\AJ	Dilution
10	Q2703-01	FE055049.D	28 Jul 2025 15:49	YP\AJ	Dilution
11	Q2703-02	FE055050.D	28 Jul 2025 16:20	YP\AJ	Ok
12	Q2705-01	FE055051.D	28 Jul 2025 16:50	YP\AJ	Dilution
13	Q2705-02	FE055052.D	28 Jul 2025 17:21	YP\AJ	Ok
14	Q2706-03	FE055053.D	28 Jul 2025 17:51	YP\AJ	Ok
15	I.BLK	FE055054.D	28 Jul 2025 18:52	YP\AJ	Ok
16	20 PPM ALIPHATIC HC STD	FE055055.D	28 Jul 2025 19:23	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 # FE072925AL

Review By	yogesh	Review On	7/29/2025 9:39:46 AM		
Supervise By	mohammad	Supervise On	7/31/2025 1:17:14 AM		
SubDirectory	FE072925AL	HP Acquire Method		HP Processing Method	FE072625AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055056.D	29 Jul 2025 07:57	YP\AJ	Ok
2	I.BLK	FE055057.D	29 Jul 2025 08:27	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE055058.D	29 Jul 2025 08:57	YP\AJ	Ok
4	Q2668-06DL	FE055059.D	29 Jul 2025 09:38	YP\AJ	Ok
5	Q2700-01DL	FE055060.D	29 Jul 2025 10:08	YP\AJ	Ok,M
6	Q2700-02DL	FE055061.D	29 Jul 2025 10:38	YP\AJ	Ok,M
7	Q2703-01DL	FE055062.D	29 Jul 2025 11:09	YP\AJ	Ok
8	Q2705-01DL	FE055063.D	29 Jul 2025 11:39	YP\AJ	Ok
9	I.BLK	FE055064.D	29 Jul 2025 12:40	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE055065.D	29 Jul 2025 13:10	YP\AJ	Ok
11	PB169044BL	FE055066.D	29 Jul 2025 13:53	YP\AJ	Ok
12	PB169044BS	FE055067.D	29 Jul 2025 14:24	YP\AJ	Ok
13	PB169044BSD	FE055068.D	29 Jul 2025 14:54	YP\AJ	Ok
14	Q2709-01	FE055069.D	29 Jul 2025 15:24	YP\AJ	Dilution
15	Q2709-01D	FE055070.D	29 Jul 2025 16:25	YP\AJ	Ok,M
16	Q2709-01MS	FE055071.D	29 Jul 2025 16:56	YP\AJ	Ok,M
17	Q2709-01MSD	FE055072.D	29 Jul 2025 17:27	YP\AJ	Ok,M
18	Q2710-01	FE055073.D	29 Jul 2025 17:57	YP\AJ	Dilution
19	Q2710-02	FE055074.D	29 Jul 2025 18:27	YP\AJ	Dilution
20	Q2710-04	FE055075.D	29 Jul 2025 19:28	YP\AJ	Ok
21	I.BLK	FE055076.D	29 Jul 2025 20:29	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 # FE072925AL

Review By	yogesh	Review On	7/29/2025 9:39:46 AM		
Supervise By	mohammad	Supervise On	7/31/2025 1:17:14 AM		
SubDirectory	FE072925AL	HP Acquire Method		HP Processing Method	FE072625AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	20 PPM ALIPHATIC HC STD	FE055077.D	29 Jul 2025 21:00	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_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC071525AL

Review By	yogesh	Review On	7/15/2025 11:40:50 AM		
Supervise By	mohammad	Supervise On	7/17/2025 1:46:10 AM		
SubDirectory	FC071525AL	HP Acquire Method		HP Processing Method	FC071525AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069446.D	15 Jul 2025 07:39		YP/AJ	Ok
2	I.BLK	I.BLK	FC069447.D	15 Jul 2025 08:20		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC069448.D	15 Jul 2025 09:05		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069449.D	15 Jul 2025 09:50		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069450.D	15 Jul 2025 10:35		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069451.D	15 Jul 2025 11:20		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069452.D	15 Jul 2025 12:05		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069453.D	15 Jul 2025 12:52		YP/AJ	Ok
9	I.BLK	I.BLK	FC069454.D	15 Jul 2025 13:39		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069455.D	15 Jul 2025 14:26		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 # FC072825AL

Review By	yogesh	Review On	7/28/2025 1:14:48 PM		
Supervise By	mohammad	Supervise On	7/30/2025 2:12:19 AM		
SubDirectory	FC072825AL	HP Acquire Method		HP Processing Method	FC071525AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069541.D	28 Jul 2025 10:58		YP/AJ	Ok
2	I.BLK	I.BLK	FC069542.D	28 Jul 2025 11:41		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069543.D	28 Jul 2025 12:24		YP/AJ	Ok
4	Q2689-02DL	OR-03-07232025-E2DL	FC069544.D	28 Jul 2025 13:08		YP/AJ	Ok
5	PB169002BS	PB169002BS	FC069545.D	28 Jul 2025 13:51		YP/AJ	Ok
6	PB169002BSD	PB169002BSD	FC069546.D	28 Jul 2025 14:35		YP/AJ	Ok
7	PB169021BL	PB169021BL	FC069547.D	28 Jul 2025 15:18		YP/AJ	Ok
8	PB169021BS	PB169021BS	FC069548.D	28 Jul 2025 16:02		YP/AJ	Ok
9	PB169021BSD	PB169021BSD	FC069549.D	28 Jul 2025 16:46		YP/AJ	Ok
10	Q2706-01	RT-5417	FC069550.D	28 Jul 2025 17:31		YP/AJ	Ok
11	Q2706-01D	Q2706-01D	FC069551.D	28 Jul 2025 18:17		YP/AJ	Ok
12	Q2706-01MS	RT-5417MS	FC069552.D	28 Jul 2025 19:02	FC069550.D	YP/AJ	Ok
13	Q2706-01MSD	RT-5417MSD	FC069553.D	28 Jul 2025 19:46	FC069550.D!FC069552.D	YP/AJ	Ok
14	I.BLK	I.BLK	FC069554.D	28 Jul 2025 21:15		YP/AJ	Ok
15	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069555.D	28 Jul 2025 21:59		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 # FE072625AL

Review By	yogesh	Review On	7/25/2025 3:23:49 PM		
Supervise By	mohammad	Supervise On	7/29/2025 2:03:12 AM		
SubDirectory	FE072625AL	HP Acquire Method		HP Processing Method	FE072625AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE055030.D	25 Jul 2025 19:19		YP\AJ	Ok
2	I.BLK	I.BLK	FE055031.D	25 Jul 2025 19:49		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE055032.D	25 Jul 2025 20:19		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE055033.D	25 Jul 2025 20:50		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055034.D	25 Jul 2025 21:20		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE055035.D	25 Jul 2025 21:50		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE055036.D	25 Jul 2025 22:21		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055037.D	25 Jul 2025 22:51		YP\AJ	Ok
9	I.BLK	I.BLK	FE055038.D	25 Jul 2025 23:52		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055039.D	26 Jul 2025 00:22		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 # FE072825AL

Review By	yogesh	Review On	7/28/2025 1:13:19 PM		
Supervise By	mohammad	Supervise On	7/30/2025 2:12:27 AM		
SubDirectory	FE072825AL	HP Acquire Method		HP Processing Method	FE072625AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE055040.D	28 Jul 2025 10:45		YP\AJ	Ok
2	I.BLK	I.BLK	FE055041.D	28 Jul 2025 11:16		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055042.D	28 Jul 2025 11:46		YP\AJ	Ok
4	Q2691-01DL	295DL	FE055043.D	28 Jul 2025 12:17		YP\AJ	Ok
5	Q2691-07DL	299DL	FE055044.D	28 Jul 2025 12:47		YP\AJ	Ok
6	I.BLK	I.BLK	FE055045.D	28 Jul 2025 13:48		YP\AJ	Ok
7	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055046.D	28 Jul 2025 14:18		YP\AJ	Ok
8	Q2700-01	EO-03-072525	FE055047.D	28 Jul 2025 14:49	Need 10X	YP\AJ	Dilution
9	Q2700-02	EO-03-072525-E2	FE055048.D	28 Jul 2025 15:19	Need 10X	YP\AJ	Dilution
10	Q2703-01	TP-4	FE055049.D	28 Jul 2025 15:49	Need 5X	YP\AJ	Dilution
11	Q2703-02	TP-4-EPH	FE055050.D	28 Jul 2025 16:20		YP\AJ	Ok
12	Q2705-01	FG1A	FE055051.D	28 Jul 2025 16:50	Need 2X	YP\AJ	Dilution
13	Q2705-02	FG1B	FE055052.D	28 Jul 2025 17:21		YP\AJ	Ok
14	Q2706-03	ETGI-361	FE055053.D	28 Jul 2025 17:51		YP\AJ	Ok
15	I.BLK	I.BLK	FE055054.D	28 Jul 2025 18:52		YP\AJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055055.D	28 Jul 2025 19:23		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_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE072925AL

Review By	yogesh	Review On	7/29/2025 9:39:46 AM		
Supervise By	mohammad	Supervise On	7/31/2025 1:17:14 AM		
SubDirectory	FE072925AL	HP Acquire Method		HP Processing Method	FE072625AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE055056.D	29 Jul 2025 07:57		YP\AJ	Ok
2	I.BLK	I.BLK	FE055057.D	29 Jul 2025 08:27		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055058.D	29 Jul 2025 08:57		YP\AJ	Ok
4	Q2668-06DL	TP-3-EPHDL	FE055059.D	29 Jul 2025 09:38		YP\AJ	Ok
5	Q2700-01DL	EO-03-072525DL	FE055060.D	29 Jul 2025 10:08		YP\AJ	Ok,M
6	Q2700-02DL	EO-03-072525-E2DL	FE055061.D	29 Jul 2025 10:38		YP\AJ	Ok,M
7	Q2703-01DL	TP-4DL	FE055062.D	29 Jul 2025 11:09		YP\AJ	Ok
8	Q2705-01DL	FG1ADL	FE055063.D	29 Jul 2025 11:39		YP\AJ	Ok
9	I.BLK	I.BLK	FE055064.D	29 Jul 2025 12:40		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055065.D	29 Jul 2025 13:10		YP\AJ	Ok
11	PB169044BL	PB169044BL	FE055066.D	29 Jul 2025 13:53		YP\AJ	Ok
12	PB169044BS	PB169044BS	FE055067.D	29 Jul 2025 14:24		YP\AJ	Ok
13	PB169044BSD	PB169044BSD	FE055068.D	29 Jul 2025 14:54		YP\AJ	Ok
14	Q2709-01	7211935-295	FE055069.D	29 Jul 2025 15:24	Need 2X	YP\AJ	Dilution
15	Q2709-01D	Q2709-01D	FE055070.D	29 Jul 2025 16:25		YP\AJ	Ok,M
16	Q2709-01MS	7211935-295MS	FE055071.D	29 Jul 2025 16:56	FE055069.D	YP\AJ	Ok,M
17	Q2709-01MSD	7211935-295MSD	FE055072.D	29 Jul 2025 17:27	FE055069.D!FE055071.D	YP\AJ	Ok,M
18	Q2710-01	JC-03-07282025	FE055073.D	29 Jul 2025 17:57	Need 2X	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 # FE072925AL

Review By	yogesh	Review On	7/29/2025 9:39:46 AM		
Supervise By	mohammad	Supervise On	7/31/2025 1:17:14 AM		
SubDirectory	FE072925AL	HP Acquire Method		HP Processing Method	FE072625AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2710-02	JC-03-07282025-E2	FE055074.D	29 Jul 2025 18:27	Need 10X	YP\AJ	Dilution
20	Q2710-04	JC-03-07282025-E3	FE055075.D	29 Jul 2025 19:28		YP\AJ	Ok
21	I.BLK	I.BLK	FE055076.D	29 Jul 2025 20:29		YP\AJ	Ok
22	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055077.D	29 Jul 2025 21:00		YP\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169021

SOP ID:	MNJDEP-EPH-8				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/28/2025
Matrix :	Solid			**Extraction Start Time :**	09:00
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/28/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	13:15
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
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	PP24728
Surrogate	1.0ML	100 PPM	PP24652
Fractionation Surrogate	1.0ML	100 PPM	PP24673
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	EP2625
Sand	N/A	E3951
Hexane	N/A	E3956
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
7/28/25	RS (EH lab)	R. Patel/PCB Lab
13:20	**Preparation Group**	**Analysis Group**

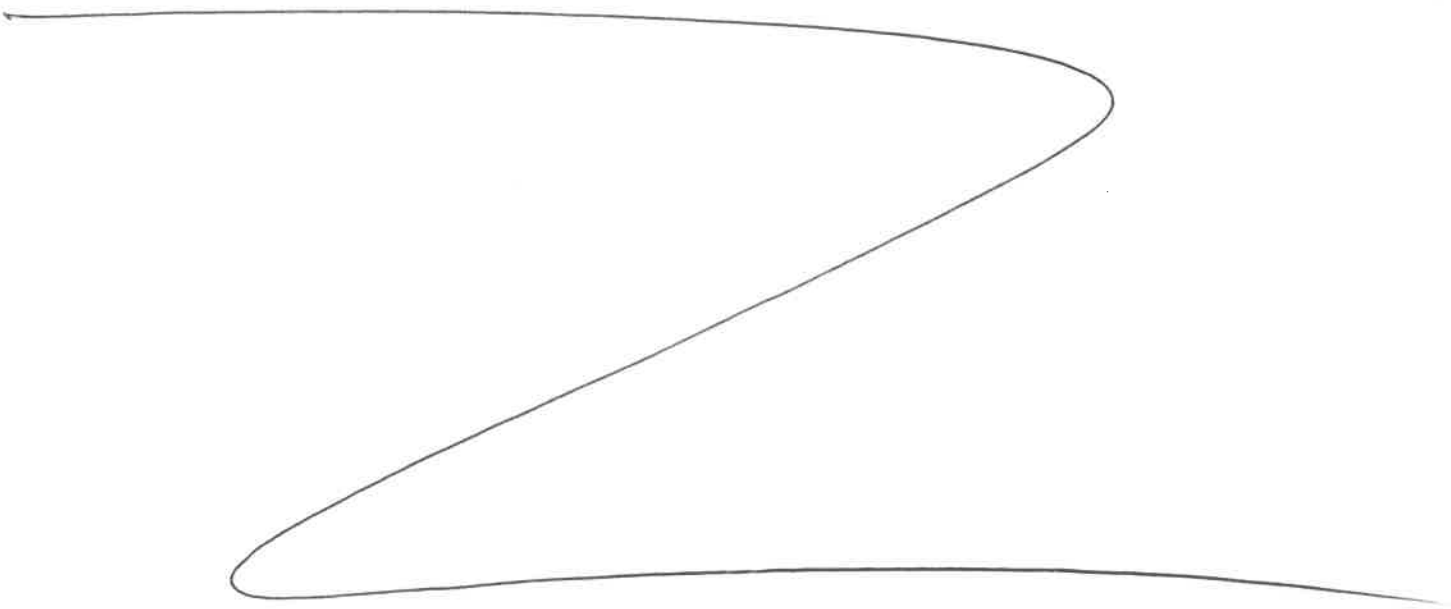
Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169021

Analytical Method: MNJDEP-EPH-8 **Concentration Date:** 07/28/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169021BL	PB169021BL	EPH_NF	30.01	N/A	ritesh	Evelyn	2			U6-1
PB169021BS	PB169021BS	EPH_NF	30.03	N/A	ritesh	Evelyn	2			2
PB169021BSD	PB169021BSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2			3
Q2700-01	EO-03-072525	EPH_NF	30.06	N/A	ritesh	Evelyn	2	B		4
Q2700-02	EO-03-072525-E2	EPH_NF	30.05	N/A	ritesh	Evelyn	2			5
Q2703-01	TP-4	EPH_NF	30.05	N/A	ritesh	Evelyn	2	B		6
Q2703-02	TP-4-EPH	EPH_NF	30.08	N/A	ritesh	Evelyn	2			U1-1
Q2705-01	FG1A	EPH_NF	30.06	N/A	ritesh	Evelyn	2			2
Q2705-02	FG1B	EPH_NF	30.04	N/A	ritesh	Evelyn	2			3
Q2706-01	RT-5417	EPH_NF	30.01	N/A	ritesh	Evelyn	2	E		4
Q2706-01DUP	RT-5417DUP	EPH_NF	30.03	N/A	ritesh	Evelyn	2	E		5
Q2706-01MS	RT-5417MS	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		6
Q2706-01MSD	RT-5417MSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		U2-1
Q2706-03	ETGI-361	EPH_NF	30.07	N/A	ritesh	Evelyn	2	E		2



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

Q2695 7/28/21 9:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2703 **WorkList ID :** 190978 **Department :** Extraction **Date :** 07-28-2025 08:50:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2700-01	EO-03-072525	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	07/25/2025	NJEPH
Q2700-02	EO-03-072525-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	07/25/2025	NJEPH
Q2703-01	TP-4	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	07/25/2025	NJEPH
Q2703-02	TP-4-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	07/25/2025	NJEPH
Q2705-01	FG1A	Solid	EPH_NF	Cool 4 deg C	GENV01	D31	07/25/2025	NJEPH
Q2705-02	FG1B	Solid	EPH_NF	Cool 4 deg C	GENV01	D31	07/25/2025	NJEPH
Q2706-01	RT-5417	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	07/25/2025	NJEPH
Q2706-03	ETGI-361	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	07/25/2025	NJEPH

141 of 203

Date/Time 07/28/25 8:55
Raw Sample Received by: RJ (EZ-Lab)
Raw Sample Relinquished by: CP SM

Date/Time 07/28/25 9:10
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (EZ-Lab)

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

LAB CHRONICLE

OrderID:	Q2705	**OrderDate:**	7/25/2025 1:02:24 PM
Client:	G Environmental	**Project:**	Freehold
Contact:	Gary Landis	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2705-01	**FG1A**	**Solid**			**07/25/25**			**07/25/25**
			EPH_NF	NJEPH		07/28/25	07/28/25	
Q2705-01DL	**FG1ADL**	**Solid**			**07/25/25**			**07/25/25**
			EPH_NF	NJEPH		07/28/25	07/29/25	
Q2705-02	**FG1B**	**Solid**			**07/25/25**			**07/25/25**
			EPH_NF	NJEPH		07/28/25	07/28/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2705 **Order ID:** Q2705

Client: G Environmental **Project ID:** Freehold

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : FG1B								
Q2705-02	FG1B	SOIL	Arsenic	20.9		0.21	1.08	mg/Kg
Client ID : FG2A								
Q2705-03	FG2A	SOIL	Arsenic	1.06		0.18	0.92	mg/Kg
Client ID : FG2B								
Q2705-04	FG2B	SOIL	Arsenic	20.6		0.19	0.97	mg/Kg
Client ID : FG2C								
Q2705-05	FG2C	SOIL	Arsenic	22.4		0.19	0.98	mg/Kg

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:	07/25/25
Project:	Freehold	Date Received:	07/25/25
Client Sample ID:	FG1B	SDG No.:	Q2705
Lab Sample ID:	Q2705-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	20.9		1	0.21	1.08	mg/Kg	07/31/25 10:10	08/01/25 12:43	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group5				

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/25/25
Project:	Freehold	Date Received:	07/25/25
Client Sample ID:	FG2A	SDG No.:	Q2705
Lab Sample ID:	Q2705-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	97.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	1.06		1	0.18	0.92	mg/Kg	07/28/25 10:30	07/29/25 14:46	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group5				

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/25/25
Project:	Freehold	Date Received:	07/25/25
Client Sample ID:	FG2B	SDG No.:	Q2705
Lab Sample ID:	Q2705-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	20.6		1	0.19	0.97	mg/Kg	07/28/25 10:30	07/29/25 15:19	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group5				

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/25/25
Project:	Freehold	Date Received:	07/25/25
Client Sample ID:	FG2C	SDG No.:	Q2705
Lab Sample ID:	Q2705-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	22.4		1	0.19	0.98	mg/Kg	07/28/25 10:30	07/29/25 15:23	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group5				

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.:** Q2705

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	07/29/2025	13:05	LB136648

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.:** Q2705

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	07/29/2025	14:25	LB136648
CCB02	Arsenic	5.12	+/-10	U	20.0	P	07/29/2025	15:15	LB136648
CCB03	Arsenic	5.12	+/-10	U	20.0	P	07/29/2025	16:20	LB136648
CCB04	Arsenic	5.12	+/-10	U	20.0	P	07/29/2025	17:24	LB136648
CCB05	Arsenic	5.12	+/-10	U	20.0	P	07/29/2025	18:15	LB136648
CCB06	Arsenic	5.12	+/-10	U	20.0	P	07/29/2025	18:36	LB136648

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.:** Q2705

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	08/01/2025	11:59	LB136688

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.:** Q2705

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	08/01/2025	12:30	LB136688
CCB02	Arsenic	5.12	+/-10	U	20.0	P	08/01/2025	13:22	LB136688
CCB03	Arsenic	5.12	+/-10	U	20.0	P	08/01/2025	14:16	LB136688
CCB04	Arsenic	5.12	+/-10	U	20.0	P	08/01/2025	15:36	LB136688
CCB05	Arsenic	5.12	+/-10	U	20.0	P	08/01/2025	16:40	LB136688
CCB06	Arsenic	5.12	+/-10	U	20.0	P	08/01/2025	17:05	LB136688

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.:** Q2705

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169029BL		**SOLID**		**Batch Number:**	**PB169029**		**Prep Date:**	**07/28/2025**	
	Arsenic	0.19	<0.5	U	1.00	P	07/29/2025	14:29	LB136648

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169062BL		**SOLID**		**Batch Number:**	**PB169062**		**Prep Date:**	**07/31/2025**	
	Arsenic	0.19	<0.5	U	1.00	P	08/01/2025	12:35	LB136688

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.:** Q2705

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	3840	4000	96	90 - 110	P	07/29/2025	12:20	LB136648

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.:** Q2705

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	18.5	20.0	93	80 - 120	P	07/29/2025	13:01	LB136648

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.:** Q2705

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	5080	5000	102	90 - 110	P	07/29/2025	14:21	LB136648
CCV02	Arsenic	5120	5000	102	90 - 110	P	07/29/2025	15:11	LB136648
CCV03	Arsenic	5110	5000	102	90 - 110	P	07/29/2025	16:14	LB136648
CCV04	Arsenic	5240	5000	105	90 - 110	P	07/29/2025	17:20	LB136648
CCV05	Arsenic	5170	5000	103	90 - 110	P	07/29/2025	18:11	LB136648
CCV06	Arsenic	5140	5000	103	90 - 110	P	07/29/2025	18:31	LB136648

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.:** Q2705

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	3920	4000	98	90- 110	P	08/01/2025	11:43	LB136688

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.:** Q2705

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	22.0	20.0	110	80 - 120	P	08/01/2025	11:54	LB136688

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.:** Q2705

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	4930	5000	99	90 - 110	P	08/01/2025	12:26	LB136688
CCV02	Arsenic	4870	5000	97	90 - 110	P	08/01/2025	13:16	LB136688
CCV03	Arsenic	4920	5000	98	90 - 110	P	08/01/2025	14:07	LB136688
CCV04	Arsenic	4830	5000	97	90 - 110	P	08/01/2025	15:32	LB136688
CCV05	Arsenic	4870	5000	98	90 - 110	P	08/01/2025	16:35	LB136688
CCV06	Arsenic	4800	5000	96	90 - 110	P	08/01/2025	17:01	LB136688

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.:** Q2705

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
CRI01	Arsenic	18.9	20.0	94	65 - 135	P	07/29/2025	13:09	LB136648
CRI01	Arsenic	22.7	20.0	114	65 - 135	P	08/01/2025	12:04	LB136688

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.:** Q2705

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	7.46			-20	20	07/29/2025	13:14	LB136648
ICSAB01	Arsenic	104	104	100	88.4	120	07/29/2025	13:20	LB136648
ICSA01	Arsenic	8.00			-20	20	08/01/2025	12:09	LB136688
ICSAB01	Arsenic	104	104	100	88.4	120	08/01/2025	12:14	LB136688

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.:** Q2705

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2705-02 **client id:** FG1BMS

Percent Solids for Sample: 85.9 **Spiked ID:** Q2705-02MS **Percent Solids for Spike Sample:** 85.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	53.9		20.9		40.8	81		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.:** Q2705

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2705-02 **client id:** FG1BMSD

Percent Solids for Sample: 85.9 **Spiked ID:** Q2705-02MSD **Percent Solids for Spike Sample:** 85.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	54.0		20.9		41.0	81		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.:** Q2705

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2705-03 **client id:** FG2AMS

Percent Solids for Sample: 97.4 **Spiked ID:** Q2705-03MS **Percent Solids for Spike Sample:** 97.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	35.2		1.06		37.9	90		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.:** Q2705

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2705-03 **client id:** FG2AMSD

Percent Solids for Sample: 97.4 **Spiked ID:** Q2705-03MSD **Percent Solids for Spike Sample:** 97.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	34.6		1.06		36.0	93		P

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

Metals
- 5b -

Client: G Environmental **SDG No.:** Q2705

Contract: GENV01 **Lab Code:** ACE

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

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.:** Q2705

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2705-02 **Client ID:** FG1BDUP

Percent Solids for Sample: 85.9 **Duplicate ID** Q2705-02DUP **Percent Solids for Spike Sample:** 85.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	mg/Kg	20	20.9		19.2		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.:** Q2705

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2705-02MS **Client ID:** FG1BMSD

Percent Solids for Sample: 85.9 **Duplicate ID** Q2705-02MSD **Percent Solids for Spike Sample:** 85.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	mg/Kg	20	53.9		54.0		0		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.:** Q2705

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2705-03 **Client ID:** FG2ADUP

Percent Solids for Sample: 97.4 **Duplicate ID** Q2705-03DUP **Percent Solids for Spike Sample:** 97.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	mg/Kg	20	1.06		0.85	J	22		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.:** Q2705

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2705-03MS **Client ID:** FG2AMSD

Percent Solids for Sample: 97.4 **Duplicate ID** Q2705-03MSD **Percent Solids for Spike Sample:** 97.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	mg/Kg	20	35.2		34.6		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.:** Q2705

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169029BS							
Arsenic	mg/Kg	40.0	39.3		98	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.:** Q2705

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169062BS							
Arsenic	mg/Kg	40.0	38.1		95	80 - 120	P

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

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

FG1BL

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136688 **Lab Sample ID :** Q2705-02L **SDG No.:** Q2705

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
Arsenic	20.9		23.2		11		P

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

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

FG2AL

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136648 **Lab Sample ID :** Q2705-03L **SDG No.:** Q2705

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
Arsenic	1.06		4.60	U	100.0		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.:** Q2705

Instrument id number: **Method:** **Run number:** LB136648

Start date: 07/29/2025 **End date:** 07/29/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1120	As
S1	S1	1	1124	As
S2	S2	1	1128	As
S3	S3	1	1132	As
S4	S4	1	1137	As
S5	S5	1	1141	As
ICV01	ICV01	1	1220	As
LLICV01	LLICV01	1	1301	As
ICB01	ICB01	1	1305	As
CRI01	CRI01	1	1309	As
ICSA01	ICSA01	1	1314	As
ICSAB01	ICSAB01	1	1320	As
CCV01	CCV01	1	1421	As
CCB01	CCB01	1	1425	As
PB169029BL	PB169029BL	1	1429	As
PB169029BS	PB169029BS	1	1434	As
Q2705-03	FG2A	1	1446	As
Q2705-03DUP	FG2ADUP	1	1450	As
Q2705-03L	FG2AL	5	1454	As
Q2705-03MS	FG2AMS	1	1459	As
Q2705-03MSD	FG2AMSD	1	1503	As
CCV02	CCV02	1	1511	As
CCB02	CCB02	1	1515	As
Q2705-04	FG2B	1	1519	As
Q2705-05	FG2C	1	1523	As
CCV03	CCV03	1	1614	As
CCB03	CCB03	1	1620	As
CCV04	CCV04	1	1720	As
CCB04	CCB04	1	1724	As
CCV05	CCV05	1	1811	As
CCB05	CCB05	1	1815	As
CCV06	CCV06	1	1831	As
CCB06	CCB06	1	1836	As

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.:** Q2705

Instrument id number: **Method:** **Run number:** LB136688

Start date: 08/01/2025 **End date:** 08/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1118	As
S1	S1	1	1122	As
S2	S2	1	1126	As
S3	S3	1	1130	As
S4	S4	1	1134	As
S5	S5	1	1138	As
ICV01	ICV01	1	1143	As
LLICV01	LLICV01	1	1154	As
ICB01	ICB01	1	1159	As
CRI01	CRI01	1	1204	As
ICSA01	ICSA01	1	1209	As
ICSAB01	ICSAB01	1	1214	As
CCV01	CCV01	1	1226	As
CCB01	CCB01	1	1230	As
PB169062BL	PB169062BL	1	1235	As
PB169062BS	PB169062BS	1	1239	As
Q2705-02	FG1B	1	1243	As
Q2705-02DUP	FG1BDUP	1	1247	As
Q2705-02L	FG1BL	5	1251	As
Q2705-02MS	FG1BMS	1	1255	As
Q2705-02MSD	FG1BMSD	1	1259	As
CCV02	CCV02	1	1316	As
CCB02	CCB02	1	1322	As
CCV03	CCV03	1	1407	As
CCB03	CCB03	1	1416	As
CCV04	CCV04	1	1532	As
CCB04	CCB04	1	1536	As
CCV05	CCV05	1	1635	As
CCB05	CCB05	1	1640	As
CCV06	CCV06	1	1701	As
CCB06	CCB06	1	1705	As

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.:** Q2705

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

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.:** Q2705

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

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.:** Q2705

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

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.:** Q2705

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

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.:** Q2705

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

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

LAB CHRONICLE

OrderID:	Q2705	**OrderDate:**	7/25/2025 1:02:24 PM
Client:	G Environmental	**Project:**	Freehold
Contact:	Gary Landis	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2705-02	**FG1B**	**SOIL**			**07/25/25**			**07/25/25**
			Metals Group5	6010D		07/31/25	08/01/25	
Q2705-03	**FG2A**	**SOIL**			**07/25/25**			**07/25/25**
			Metals Group5	6010D		07/28/25	07/29/25	
Q2705-04	**FG2B**	**SOIL**			**07/25/25**			**07/25/25**
			Metals Group5	6010D		07/28/25	07/29/25	
Q2705-05	**FG2C**	**SOIL**			**07/25/25**			**07/25/25**
			Metals Group5	6010D		07/28/25	07/29/25	

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.:** Q2705

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:	**PB169029**						
PB169029BL	PB169029BL	MB	SOLID	07/28/2025	2.00	100.0	100.00
PB169029BS	PB169029BS	LCS	SOLID	07/28/2025	2.00	100.0	100.00
Q2705-03	FG2A	SAM	SOLID	07/28/2025	2.23	100.0	97.40
Q2705-03DUP	FG2ADUP	DUP	SOLID	07/28/2025	2.34	100.0	97.40
Q2705-03MS	FG2AMS	MS	SOLID	07/28/2025	2.17	100.0	97.40
Q2705-03MSD	FG2AMSD	MSD	SOLID	07/28/2025	2.28	100.0	97.40
Q2705-04	FG2B	SAM	SOLID	07/28/2025	2.36	100.0	87.10
Q2705-05	FG2C	SAM	SOLID	07/28/2025	2.38	100.0	85.40

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.:** Q2705

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:	**PB169062**						
PB169062BL	PB169062BL	MB	SOLID	07/31/2025	2.00	100.0	100.00
PB169062BS	PB169062BS	LCS	SOLID	07/31/2025	2.00	100.0	100.00
Q2705-02	FG1B	SAM	SOLID	07/31/2025	2.16	100.0	85.90
Q2705-02DUP	FG1BDUP	DUP	SOLID	07/31/2025	2.27	100.0	85.90
Q2705-02MS	FG1BMS	MS	SOLID	07/31/2025	2.28	100.0	85.90
Q2705-02MSD	FG1BMSD	MSD	SOLID	07/31/2025	2.27	100.0	85.90

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 # LB136648

Review By	jaswal	Review On	7/30/2025 1:09:21 PM
Supervise By	MOHAN	Supervise On	8/1/2025 5:25:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459,MP86458
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/29/25 11:20		Jaswal	OK
2	S1	S1	CAL2	07/29/25 11:24		Jaswal	OK
3	S2	S2	CAL3	07/29/25 11:28		Jaswal	OK
4	S3	S3	CAL4	07/29/25 11:32		Jaswal	OK
5	S4	S4	CAL5	07/29/25 11:37		Jaswal	OK
6	S5	S5	CAL6	07/29/25 11:41		Jaswal	OK
7	ICV01	ICV01	ICV	07/29/25 12:20		Jaswal	OK
8	LLICV01	LLICV01	LLICV	07/29/25 13:01		Jaswal	OK
9	ICB01	ICB01	ICB	07/29/25 13:05		Jaswal	OK
10	CRI01	CRI01	CRDL	07/29/25 13:09		Jaswal	OK
11	ICSA01	ICSA01	ICSA	07/29/25 13:14		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	07/29/25 13:20		Jaswal	OK
13	ICSADL	ICSADL	ICSA	07/29/25 13:24		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	07/29/25 13:28		Jaswal	OK
15	CCV01	CCV01	CCV	07/29/25 14:21		Jaswal	OK
16	CCB01	CCB01	CCB	07/29/25 14:25		Jaswal	OK
17	PB169029BL	PB169029BL	MB	07/29/25 14:29		Jaswal	OK
18	PB169029BS	PB169029BS	LCS	07/29/25 14:34		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 # LB136648

Review By	jaswal	Review On	7/30/2025 1:09:21 PM
Supervise By	MOHAN	Supervise On	8/1/2025 5:25:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459,MP86458
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

19	Q2700-01	EO-03-072525	SAM	07/29/25 14:38		Jaswal	OK
20	Q2703-01	TP-4	SAM	07/29/25 14:42		Jaswal	OK
21	Q2705-03	FG2A	SAM	07/29/25 14:46		Jaswal	OK
22	Q2705-03DUP	FG2ADUP	DUP	07/29/25 14:50		Jaswal	OK
23	Q2705-03L	FG2AL	SD	07/29/25 14:54		Jaswal	OK
24	Q2705-03MS	FG2AMS	MS	07/29/25 14:59		Jaswal	OK
25	Q2705-03MSD	FG2AMSD	MSD	07/29/25 15:03		Jaswal	OK
26	Q2705-03A	FG2AA	PS	07/29/25 15:07	0.1ml m6004,m6013-10ml sample	Jaswal	OK
27	CCV02	CCV02	CCV	07/29/25 15:11		Jaswal	OK
28	CCB02	CCB02	CCB	07/29/25 15:15		Jaswal	OK
29	Q2705-04	FG2B	SAM	07/29/25 15:19		Jaswal	OK
30	Q2705-05	FG2C	SAM	07/29/25 15:23		Jaswal	OK
31	Q2706-01	RT-5417	SAM	07/29/25 15:27		Jaswal	OK
32	Q2706-03	ETGI-361	SAM	07/29/25 15:31		Jaswal	OK
33	PB169032BL	PB169032BL	MB	07/29/25 15:36		Jaswal	OK
34	Q2696-01	RW8-SP100-2025072	SAM	07/29/25 15:44		Jaswal	OK
35	Q2704-01	MW3	SAM	07/29/25 15:48		Jaswal	OK
36	Q2704-02	MW4	SAM	07/29/25 15:52		Jaswal	OK
37	Q2704-03	MW2D	SAM	07/29/25 15:57		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 # LB136648

Review By	jaswal	Review On	7/30/2025 1:09:21 PM
Supervise By	MOHAN	Supervise On	8/1/2025 5:25:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459,MP86458
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

38	PB169032BS	PB169032BS	LCS	07/29/25 16:06		Jaswal	OK
39	CCV03	CCV03	CCV	07/29/25 16:14		Jaswal	OK
40	CCB03	CCB03	CCB	07/29/25 16:20		Jaswal	OK
41	Q2696-02	RW8-SP303-2025072	SAM	07/29/25 16:24	NOT USE	Jaswal	Not Ok
42	Q2696-02DUP	RW8-SP303-2025072	DUP	07/29/25 16:28	NOT USE	Jaswal	Not Ok
43	Q2696-02L	RW8-SP303-2025072	SD	07/29/25 16:32	NOT USE	Jaswal	Not Ok
44	Q2696-02MS	RW8-SP303-2025072	MS	07/29/25 16:36	NOT USE	Jaswal	Not Ok
45	Q2696-02MSD	RW8-SP303-2025072	MSD	07/29/25 16:41	NOT USE	Jaswal	Not Ok
46	Q2696-02A	RW8-SP303-2025072	PS	07/29/25 16:45	NOT USE(0.1ml m6004,m6013-10ml sample	Jaswal	Not Ok
47	PB169048BL	PB169048BL	MB	07/29/25 16:55		Jaswal	OK
48	PB169048BS	PB169048BS	LCS	07/29/25 17:08		Jaswal	OK
49	Q2417-02DL	COMPDL	SAM	07/29/25 17:12	Straight 5x for Dilution for all elements	Jaswal	OK
50	Q2417-02DUPDL	COMPDUPDL	DUP	07/29/25 17:16	Straight 5x for Dilution for all elements	Jaswal	OK
51	CCV04	CCV04	CCV	07/29/25 17:20		Jaswal	OK
52	CCB04	CCB04	CCB	07/29/25 17:24		Jaswal	OK
53	Q2417-02LDL	COMPLDL	SD	07/29/25 17:29	Straight 25x for Dilution for all elements	Jaswal	OK
54	Q2417-02MSDL	COMPMSDL	MS	07/29/25 17:33	Straight 5x for Dilution for all elements	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 # LB136648

Review By	jaswal	Review On	7/30/2025 1:09:21 PM
Supervise By	MOHAN	Supervise On	8/1/2025 5:25:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459,MP86458
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

55	Q2417-02MSDDL	COMPMSDDL	MSD	07/29/25 17:37	Straight 5x for Dilution for all elements	Jaswal	OK
56	Q2417-02ADL	COMPADL	PS	07/29/25 17:41	Straight 5x for Dilution for all elements(0.1ml m6004,m6013-10ml sample before deiltion)	Jaswal	OK
57	Q2706-02	RT-5417	SAM	07/29/25 17:45		Jaswal	OK
58	Q2706-04	ETGI-361	SAM	07/29/25 17:50		Jaswal	OK
59	Q2710-01	JC-03-07282025	SAM	07/29/25 17:54	NOT USE	Jaswal	Not Ok
60	Q2710-01DUP	JC-03-07282025DUP	DUP	07/29/25 17:58	NOT USE	Jaswal	Not Ok
61	Q2710-01L	JC-03-07282025L	SD	07/29/25 18:02	NOT USE	Jaswal	Not Ok
62	Q2710-01MS	JC-03-07282025MS	MS	07/29/25 18:07	NOT USE	Jaswal	Not Ok
63	CCV05	CCV05	CCV	07/29/25 18:11		Jaswal	OK
64	CCB05	CCB05	CCB	07/29/25 18:15		Jaswal	OK
65	Q2710-01MSD	JC-03-07282025MSD	MSD	07/29/25 18:19	CCV fail for Be,Na	Jaswal	Not Ok
66	Q2710-01A	JC-03-07282025A	PS	07/29/25 18:23	CCV fail for Be,Na	Jaswal	Not Ok
67	CCV06	CCV06	CCV	07/29/25 18:31	CCV fail for Be,Na(0.1ml m6004,m6013-10ml sample)	Jaswal	OK
68	CCB06	CCB06	CCB	07/29/25 18:36		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 # LB136688

Review By	Janvi	Review On	8/5/2025 10:09:04 AM
Supervise By	jaswal	Supervise On	8/6/2025 1:49:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/01/25 11:18		Jaswal	OK
2	S1	S1	CAL2	08/01/25 11:22		Jaswal	OK
3	S2	S2	CAL3	08/01/25 11:26		Jaswal	OK
4	S3	S3	CAL4	08/01/25 11:30		Jaswal	OK
5	S4	S4	CAL5	08/01/25 11:34		Jaswal	OK
6	S5	S5	CAL6	08/01/25 11:38		Jaswal	OK
7	ICV01	ICV01	ICV	08/01/25 11:43		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/01/25 11:54		Jaswal	OK
9	ICB01	ICB01	ICB	08/01/25 11:59		Jaswal	OK
10	CRI01	CRI01	CRDL	08/01/25 12:04		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/01/25 12:09		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/01/25 12:14		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/01/25 12:18		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/01/25 12:22		Jaswal	OK
15	CCV01	CCV01	CCV	08/01/25 12:26		Jaswal	OK
16	CCB01	CCB01	CCB	08/01/25 12:30		Jaswal	OK
17	PB169062BL	PB169062BL	MB	08/01/25 12:35		Jaswal	OK
18	PB169062BS	PB169062BS	LCS	08/01/25 12:39		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 # LB136688

Review By	Janvi	Review On	8/5/2025 10:09:04 AM
Supervise By	jaswal	Supervise On	8/6/2025 1:49:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

19	Q2705-02	FG1B	SAM	08/01/25 12:43		Jaswal	OK
20	Q2705-02DUP	FG1BDUP	DUP	08/01/25 12:47		Jaswal	OK
21	Q2705-02L	FG1BL	SD	08/01/25 12:51		Jaswal	OK
22	Q2705-02MS	FG1BMS	MS	08/01/25 12:55		Jaswal	OK
23	Q2705-02MSD	FG1BMSD	MSD	08/01/25 12:59		Jaswal	OK
24	Q2705-02A	FG1BA	PS	08/01/25 13:03	0.1ml m6004,m6013-10ml sample	Jaswal	OK
25	Q2726-01	WBR-PBO	SAM	08/01/25 13:08		Jaswal	OK
26	Q2728-01	7211931-VNJ240	SAM	08/01/25 13:12		Jaswal	OK
27	CCV02	CCV02	CCV	08/01/25 13:16		Jaswal	OK
28	CCB02	CCB02	CCB	08/01/25 13:22		Jaswal	OK
29	PB169063BL	PB169063BL	MB	08/01/25 13:29		Jaswal	OK
30	PB169063BS	PB169063BS	LCS	08/01/25 13:33		Jaswal	OK
31	PB169060TB	PB169060TB	MB	08/01/25 13:37		Jaswal	OK
32	Q2728-02	7211931-VNJ240	SAM	08/01/25 13:42		Jaswal	OK
33	Q2728-02DUP	7211931-VNJ240DUP	DUP	08/01/25 13:46		Jaswal	OK
34	Q2728-02L	7211931-VNJ240L	SD	08/01/25 13:50		Jaswal	OK
35	Q2728-02MS	7211931-VNJ240MS	MS	08/01/25 13:55		Jaswal	OK
36	Q2728-02MSD	7211931-VNJ240MSD	MSD	08/01/25 13:59		Jaswal	OK
37	Q2728-02A	7211931-VNJ240A	PS	08/01/25 14:03	0.1ml m6004,m6013-10ml sample	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 # LB136688

Review By	Janvi	Review On	8/5/2025 10:09:04 AM
Supervise By	jaswal	Supervise On	8/6/2025 1:49:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

38	CCV03	CCV03	CCV	08/01/25 14:07		Jaswal	OK
39	CCB03	CCB03	CCB	08/01/25 14:16		Jaswal	OK
40	Q1168-01	LOD-MDL-SOIL-01-Q	SAM	08/01/25 14:42		Jaswal	OK
41	Q1168-03	MDL-SOIL-03-QT1-20	SAM	08/01/25 14:47		Jaswal	OK
42	Q1168-07	LOD-MDL-WATER-01	SAM	08/01/25 14:51		Jaswal	OK
43	Q1168-09	MDL-WATER-03-QT1	SAM	08/01/25 14:55		Jaswal	OK
44	Q1168-10	LOD-MDL-WATER-04	SAM	08/01/25 14:59		Jaswal	OK
45	Q1168-12	MDL-WATER-06-QT1	SAM	08/01/25 15:04		Jaswal	OK
46	Q2126-01	LOD-MDL-SOIL-03-Q	SAM	08/01/25 15:08		Jaswal	OK
47	Q2126-03	MDL-SOIL-03-QT2-20	SAM	08/01/25 15:12		Jaswal	OK
48	Q2126-07	LOD-MDL-WATER-01	SAM	08/01/25 15:17		Jaswal	OK
49	Q2126-09	MDL-WATER-03-QT2	SAM	08/01/25 15:21		Jaswal	OK
50	CCV04	CCV04	CCV	08/01/25 15:32		Jaswal	OK
51	CCB04	CCB04	CCB	08/01/25 15:36		Jaswal	OK
52	Q2126-12	MDL-WATER-06-QT2	SAM	08/01/25 15:40		Jaswal	OK
53	Q2126-10	LOD-MDL-WATER-04	SAM	08/01/25 15:45		Jaswal	OK
54	PB167019BS	PB167019BS	LCS	08/01/25 15:53		Jaswal	OK
55	PB167019BL	PB167019BL	MB	08/01/25 16:03		Jaswal	OK
56	PB166198BL	PB166198BL	MB	08/01/25 16:07		Jaswal	OK
57	PB166198BS	PB166198BS	LCS	08/01/25 16:15		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 # LB136688

Review By	Janvi	Review On	8/5/2025 10:09:04 AM
Supervise By	jaswal	Supervise On	8/6/2025 1:49:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

58	PB167652BL	PB167652BL	MB	08/01/25 16:19		Jaswal	OK
59	PB167652BS	PB167652BS	LCS	08/01/25 16:23		Jaswal	OK
60	PBW	PBW	MB	08/01/25 16:27		Jaswal	OK
61	LCSW	LCSW	LCS	08/01/25 16:31		Jaswal	OK
62	CCV05	CCV05	CCV	08/01/25 16:35		Jaswal	OK
63	CCB05	CCB05	CCB	08/01/25 16:40		Jaswal	OK
64	PBS	PBS	MB	08/01/25 16:44		Jaswal	OK
65	LCSS	LCSS	LCS	08/01/25 16:48		Jaswal	OK
66	PB168166BL	PB168166BL	MB	08/01/25 16:52		Jaswal	OK
67	PB168166BS	PB168166BS	LCS	08/01/25 16:57		Jaswal	OK
68	CCV06	CCV06	CCV	08/01/25 17:01		Jaswal	OK
69	CCB06	CCB06	CCB	08/01/25 17:05		Jaswal	OK

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB169029

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: 07/28/2025 **Time :** 10:30 **Temp :** 96 °C

End Digest Date: 07/28/2025 **Time :** 12:35 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: SLG.

Supervisor Signature: [signature]

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	M6015
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 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/28/25 13:35	SLG.metdig	[signature] Metals
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB169029

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB169029BL	PBS029	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB169029BS	LCS029	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6007,M6015	2
Q2700-01	EO-03-072525	N/A	2.30	100	Brown	Yellow	Medium	N/A	N/A	3
Q2703-01	TP-4	N/A	2.18	100	Brown	Yellow	Medium	N/A	N/A	4
Q2705-03	FG2A	N/A	2.23	100	Brown	Yellow	Medium	N/A	N/A	5
Q2705-03MS	FG2AMS	N/A	2.17	100	Brown	Yellow	Medium	N/A	M6007,M6015	7
Q2705-03MSD	FG2AMSD	N/A	2.28	100	Brown	Yellow	Medium	N/A	M6007,M6015	8
Q2705-03DUP	FG2ADUP	N/A	2.34	100	Brown	Yellow	Medium	N/A	N/A	6
Q2705-04	FG2B	N/A	2.36	100	Brown	Yellow	Medium	N/A	N/A	9
Q2705-05	FG2C	N/A	2.38	100	Brown	Yellow	Medium	N/A	N/A	10
Q2706-01	RT-5417	N/A	2.12	100	Brown	Yellow	Medium	N/A	N/A	11
Q2706-03	ETGI-361	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	12

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB169062

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: 07/31/2025 **Time :** 10:10 **Temp :** 96 °C

End Digest Date: 07/31/2025 **Time :** 12:12 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: SLS,

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	M6015
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 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/31/25 13:15	SLS met dig	SC metals
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB169062

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB169062BL	PBS062	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB169062BS	LCS062	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6007,M6015	2
Q2705-02MS	FG1BMS	N/A	2.28	100	Brown	Yellow	Medium	N/A	M6007,M6015	5
Q2705-02MSD	FG1BMSD	N/A	2.27	100	Brown	Yellow	Medium	N/A	M6007,M6015	6
Q2705-02DUP	FG1BDUP	N/A	2.27	100	Brown	Yellow	Medium	N/A	N/A	4
Q2705-02	FG1B	N/A	2.16	100	Brown	Yellow	Medium	N/A	N/A	3
Q2726-01	WBR-PBO	N/A	2.32	100	Brown	Yellow	Medium	N/A	N/A	7
Q2728-01	7211931-VNJ240	N/A	2.38	100	Brown	Yellow	Medium	N/A	N/A	8

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2705
COC Number 2045270

7
7.1

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO: COMPANY: G Environmental	PROJECT NAME: @ Freehold	BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage	PROJECT NO.: LOCATION:	ADDRESS: 8 Carriage
CITY: Succasunna STATE: NJ ZIP:	PROJECT MANAGER: GL	CITY: Succasunna STATE: NJ ZIP: 07876
ATTENTION:	e-mail:	ATTENTION: PHONE:
PHONE: FAX:	PHONE: FAX:	

DATA TURNAROUND INFORMATION

FAX (RUSH) ______ DAYS*
HARDCOPY (DATA PACKAGE): 5 Day Rush 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) edd
- ☒ EDD FORMAT NJSRP
- ☐ Level 4 (QC + Full Raw Data)
- ☒ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other ______

ANALYSIS: 1. EPH CAT 1; 2.; 3. Arsenic; 4.; 5.; 6.; 7.; 8.; 9.

PRESERVATIVES: 1. Ice

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	COMP	GRAB	DATE	TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	FG1A	Soil		X	7/25/25	0930	1	X									
2.	FG1B			X		0950	1	X		X							
3.	FG2A			X		1100	1			X							
4.	FG2B			X		1115	1			X							
5.	FG2C	Soil		X	7/25/25	1130	1			X							
6.																	
7.																	
8.																	
9.																	
10.																	

COMMENTS: ← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	7/25/25 1300	1. [signature]
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8° °C

Comments: FreeHold IR Gun #1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

Q2705

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT   YELLOW - ALLIANCE COPY   PINK - SAMPLER COPY

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