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

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : DECAMP

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2179

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q2179

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : NJ Project Number :

Laboratory Sample ID(s) : Q2179 Sampling Date(s) : 06/02/2025

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

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

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

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Cover Page

Order ID : Q2179

Project ID : DeCamp

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2179-01	D3
Q2179-02	D4
Q2179-03	D5
Q2179-04	D6

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

Signature : _____

Date: 6/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: DeCamp
Project # N/A
Order ID # Q2179
Test Name: EPH_F2

A. Number of Samples and Date of Receipt:
4 Solid samples were received on 06/02/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH_F2. This data package contains results for EPH_F2.

C. Analytical Techniques:
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_F2s 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 met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

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

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

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed

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above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

284 Sheffield Street, Mountainside NJ 07092 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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2179

	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:** 06/06/2025

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental			Date Collected:	06/02/25
Project:	DeCamp			Date Received:	06/02/25
Client Sample ID:	D3			SDG No.:	Q2179
Lab Sample ID:	Q2179-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	93.6
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 20:27	PB168239

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2.67	J	1	0.97	4.27	mg/kg	FE054162.D
Total EPH	Total EPH	2.67	J		0.97	4.27	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	06/02/25	
Project:	DeCamp		Date Received:	06/02/25	
Client Sample ID:	D3		SDG No.:	Q2179	
Lab Sample ID:	Q2179-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.6	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054162.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		2.67	J	0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		25.1		1.26	2.13	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		27.3		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		24.9		40 - 140	50%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2179-01	Acq On:	03 Jun 2025 20:27
Client Sample ID:	D3	Operator:	YP\AJ
Data file:	FE054162.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	331203	2.443	300	ug/ml
Aliphatic C12-C16	6.731	10.178	959626	7.111	200	ug/ml
Aliphatic C16-C21	10.179	13.552	1248366	9.464	300	ug/ml
Aliphatic C21-C28	13.553	17.220	2306953	18.578	400	ug/ml
Aliphatic C28-C40	17.221	22.091	40756169	353.079	600	ug/ml
Aliphatic EPH	3.085	22.091	45602317	390.675		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	4049157	24.92		ug/ml
1-chlorooctadecane (SURR)	13.282	13.282	3238630	27.32		ug/ml
Aliphatic C9-C28	3.085	17.220	4846148	37.596	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	06/02/25	
Project:	DeCamp		Date Received:	06/02/25	
Client Sample ID:	D4		SDG No.:	Q2179	
Lab Sample ID:	Q2179-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	91.6	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 20:57	PB168239

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.48		1	0.99	4.36	mg/kg	FE054163.D
Total EPH	Total EPH	6.48			0.99	4.36	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

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Report of Analysis

Client:	G Environmental		Date Collected:	06/02/25	
Project:	DeCamp		Date Received:	06/02/25	
Client Sample ID:	D4		SDG No.:	Q2179	
Lab Sample ID:	Q2179-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	91.6	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054163.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.48		0.99	4.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	44.2	E	1.29	2.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.0		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.9		40 - 140	56%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2179-02	Acq On:	03 Jun 2025 20:57
Client Sample ID:	D4	Operator:	YP\AJ
Data file:	FE054163.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	488884	3.606	300	ug/ml
Aliphatic C12-C16	6.731	10.178	1245227	9.228	200	ug/ml
Aliphatic C16-C21	10.179	13.552	3691389	27.984	300	ug/ml
Aliphatic C21-C28	13.553	17.220	6013115	48.424	400	ug/ml
Aliphatic C28-C40	17.221	22.091	70244617	608.543	600	ug/ml
Aliphatic EPH	3.085	22.091	81683232	697.785		ug/ml
ortho-Terphenyl (SURR)	11.838	11.838	4535667	27.91		ug/ml
1-chlorooctadecane (SURR)	13.283	13.283	3675264	31		ug/ml
Aliphatic C9-C28	3.085	17.220	11438615	89.242	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	06/02/25
Project:	DeCamp			Date Received:	06/02/25
Client Sample ID:	D5			SDG No.:	Q2179
Lab Sample ID:	Q2179-03			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	93.8
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 21:27	PB168239

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.34	J	1	0.97	4.27	mg/kg	FE054164.D
Total EPH	Total EPH	3.34	J		0.97	4.27	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

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Report of Analysis

Client:	G Environmental		Date Collected:	06/02/25	
Project:	DeCamp		Date Received:	06/02/25	
Client Sample ID:	D5		SDG No.:	Q2179	
Lab Sample ID:	Q2179-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.8	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054164.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.34	J	0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		41.0		1.26	2.13	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		30.1		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		27.6		40 - 140	55%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2179-03	Acq On:	03 Jun 2025 21:27
Client Sample ID:	D5	Operator:	YP\AJ
Data file:	FE054164.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	402110	2.966	300	ug/ml
Aliphatic C12-C16	6.731	10.178	1277067	9.464	200	ug/ml
Aliphatic C16-C21	10.179	13.552	1622918	12.303	300	ug/ml
Aliphatic C21-C28	13.553	17.220	2766106	22.276	400	ug/ml
Aliphatic C28-C40	17.221	22.091	66633456	577.259	600	ug/ml
Aliphatic EPH	3.085	22.091	72701657	624.268		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	4492472	27.64		ug/ml
1-chlorooctadecane (SURR)	13.282	13.282	3574630	30.15		ug/ml
Aliphatic C9-C28	3.085	17.220	6068201	47.009	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	06/02/25
Project:	DeCamp			Date Received:	06/02/25
Client Sample ID:	D6			SDG No.:	Q2179
Lab Sample ID:	Q2179-04			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	96.1
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 21:57	PB168239

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	1.59	J	1	0.94	4.15	mg/kg	FE054165.D
Total EPH	Total EPH	1.59	J		0.94	4.15	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

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Report of Analysis

Client:	G Environmental		Date Collected:	06/02/25	
Project:	DeCamp		Date Received:	06/02/25	
Client Sample ID:	D6		SDG No.:	Q2179	
Lab Sample ID:	Q2179-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	96.1	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054165.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		1.59	J	0.94	4.15	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		19.0		1.23	2.08	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		35.5		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		32.3		40 - 140	65%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2179-04	Acq On:	03 Jun 2025 21:57
Client Sample ID:	D6	Operator:	YP\AJ
Data file:	FE054165.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	275299	2.031	300	ug/ml
Aliphatic C12-C16	6.731	10.178	728623	5.4	200	ug/ml
Aliphatic C16-C21	10.179	13.552	833155	6.316	300	ug/ml
Aliphatic C21-C28	13.553	17.220	1403326	11.301	400	ug/ml
Aliphatic C28-C40	17.221	22.091	31679958	274.45	600	ug/ml
Aliphatic EPH	3.085	22.091	34920361	299.497		ug/ml
ortho-Terphenyl (SURR)	11.838	11.838	5254557	32.33		ug/ml
1-chlorooctadecane (SURR)	13.283	13.283	4213897	35.55		ug/ml
Aliphatic C9-C28	3.085	17.220	3240403	25.048	1200	ug/ml

QC SUMMARY

Alliance TECHNICAL GROUP
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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q2179 SAS No.: Q2179 SDG No.: Q2179

Run Number: FE060325AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168239BL	84	80		0
PB168239BS	80	72		0
PB168239BSD	79	71		0
3MS	77	66		0
3MSD	72	62		0
D3	55	50		0
D4	62	56		0
D5	60	55		0
D6	71	65		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

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SOIL EPH SURROGATE RECOVERY

	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

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SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	Chemtech			**Client:**	G Environmental		
Lab Code:	CHEM	**Cas No:**	Q2179	**SAS No :**	Q2179	**SDG No:**	Q2179
Sample No :	Q2147-05MS	**Datafile:**	FE054155.D	**Client ID :**	3MS		

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	34.7	21.0	59.4	110		(40-140)
Aliphatic C9-C28	115.6	15.4	105	78		(40-140)

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SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	Chemtech			**Client:**	G Environmental		
Lab Code:	CHEM	**Cas No:**	Q2179	**SAS No :**	Q2179	**SDG No:**	Q2179
Sample No :	Q2147-05MSD	**Datafile:**	FE054156.D	**Client ID :**	3MSD		

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	34.7	21.0	56.7	102		7.55 |	(40-140)	50
Aliphatic C9-C28	115.6	15.4	99.5	73		6.3 |	(40-140)	50

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SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	Chemtech			**Client:**	G Environmental		
Lab Code:	CHEM	**Cas No:**	Q2179	**SAS No :**	Q2179	**SDG No:**	Q2179
Sample No :	PB168239BS	**Datafile:**	FE054150.D	**Client ID :**	PB168239BS		

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	26.9	90		(40-140)
Aliphatic C9-C28	99.9	72.4	73		(40-140)

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SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2179 **SAS No :** Q2179 **SDG No:** Q2179

Sample No : PB168239BSD **Datafile:** FE054151.D **Client ID :** PB168239BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	24.6	82		8.9|	(40-140)	25
Aliphatic C9-C28	99.9	70.6	71		2.6|	(40-140)	25

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4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.
PB168239BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2179 SAS No.: Q2179 SDG NO.: Q2179

Instrument ID: FID_E Lab Sample ID: PB168239BL

Matrix: (soil/water) Solid Date Extracted: 6/3/2025 10:00:00 A

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB168239BS	PB168239BS
PB168239BSD	PB168239BSD
3MS	Q2147-05MS
3MSD	Q2147-05MSD
D3	Q2179-01
D4	Q2179-02
D5	Q2179-03
D6	Q2179-04

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	PB168239BL			SDG No.:	Q2179
Lab Sample ID:	PB168239BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 13:54	PB168239

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FE054149.D
Total EPH	Total EPH	0.91	U		0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	PB168239BL		SDG No.:	Q2179	
Lab Sample ID:	PB168239BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054149.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.0		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.0		40 - 140	80%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168239BL	Acq On:	03 Jun 2025 13:54
Client Sample ID:	PB168239BL	Operator:	YP\AJ
Data file:	FE054149.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	0	0	300	ug/ml
Aliphatic C12-C16	6.731	10.178	0	0	200	ug/ml
Aliphatic C16-C21	10.179	13.552	0	0	300	ug/ml
Aliphatic C21-C28	13.553	17.220	0	0	400	ug/ml
Aliphatic C28-C40	17.221	22.091	0	0	600	ug/ml
Aliphatic EPH	3.085	22.091	0	0		ug/ml
ortho-Terphenyl (SURR)	11.841	11.841	6495533	39.97		ug/ml
1-chlorooctadecane (SURR)	13.287	13.287	4978121	41.99		ug/ml
Aliphatic C9-C28	3.085	17.220	0	0	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	PB168239BS		SDG No.:	Q2179	
Lab Sample ID:	PB168239BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 14:24	PB168239

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	72.4		1	0.91	3.99	mg/kg	FE054150.D
Total EPH	Total EPH	72.4			0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	PB168239BS		SDG No.:	Q2179	
Lab Sample ID:	PB168239BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054150.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	72.4		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.9		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.0		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.1		40 - 140	72%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168239BS	Acq On:	03 Jun 2025 14:24
Client Sample ID:	PB168239BS	Operator:	YP\AJ
Data file:	FE054150.D	Misc:	
Instrument:	FID_E	ALS Vial:	7
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	26316192	194.125	300	ug/ml
Aliphatic C12-C16	6.731	10.178	32556263	241.262	200	ug/ml
Aliphatic C16-C21	10.179	13.552	36220074	274.58	300	ug/ml
Aliphatic C21-C28	13.553	17.220	46751012	376.487	400	ug/ml
Aliphatic C28-C40	17.221	22.091	46616921	403.852	600	ug/ml
Aliphatic EPH	3.085	22.091	188460462	1490		ug/ml
ortho-Terphenyl (SURR)	11.840	11.840	5862353	36.07		ug/ml
1-chlorooctadecane (SURR)	13.285	13.285	4736352	39.95		ug/ml
Aliphatic C9-C28	3.085	17.220	141843541	1090	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	PB168239BSD		SDG No.:	Q2179	
Lab Sample ID:	PB168239BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 14:55	PB168239

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	70.6		1	0.91	3.99	mg/kg	FE054151.D
Total EPH	Total EPH	70.6			0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	PB168239BSD		SDG No.:	Q2179	
Lab Sample ID:	PB168239BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054151.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		70.6		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		24.6		1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		39.4		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		35.6		40 - 140	71%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168239BSD	Acq On:	03 Jun 2025 14:55
Client Sample ID:	PB168239BSD	Operator:	YP\AJ
Data file:	FE054151.D	Misc:	
Instrument:	FID_E	ALS Vial:	8
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	25495271	188.069	300	ug/ml
Aliphatic C12-C16	6.731	10.178	31708144	234.977	200	ug/ml
Aliphatic C16-C21	10.179	13.552	35374674	268.171	300	ug/ml
Aliphatic C21-C28	13.553	17.220	45603088	367.243	400	ug/ml
Aliphatic C28-C40	17.221	22.091	42608654	369.127	600	ug/ml
Aliphatic EPH	3.085	22.091	180789831	1430		ug/ml
ortho-Terphenyl (SURR)	11.839	11.839	5780344	35.57		ug/ml
1-chlorooctadecane (SURR)	13.284	13.284	4665030	39.35		ug/ml
Aliphatic C9-C28	3.085	17.220	138181177	1060	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	3MS			SDG No.:	Q2179
Lab Sample ID:	Q2147-05MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.3
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 16:56	PB168239

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	105	E	1	1.05	4.63	mg/kg	FE054155.D
Total EPH	Total EPH	105			1.05	4.63	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	3MS		SDG No.:	Q2179	
Lab Sample ID:	Q2147-05MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.3	
Sample Wt/Vol:	30.08 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054155.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	105	E	1.05	4.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	59.4	E	1.36	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.6		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.0		40 - 140	66%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-05MS	Acq On:	03 Jun 2025 16:56
Client Sample ID:	3MS	Operator:	YP\AJ
Data file:	FE054155.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	29212037	215.486	300	ug/ml
Aliphatic C12-C16	6.731	10.178	37891899	280.802	200	ug/ml
Aliphatic C16-C21	10.179	13.552	48061541	364.349	300	ug/ml
Aliphatic C21-C28	13.553	17.220	62432597	502.771	400	ug/ml
Aliphatic C28-C40	17.221	22.091	89008282	771.096	600	ug/ml
Aliphatic EPH	3.085	22.091	266606356	2130		ug/ml
ortho-Terphenyl (SURR)	11.839	11.839	5357181	32.96		ug/ml
1-chlorooctadecane (SURR)	13.283	13.283	4580758	38.64		ug/ml
Aliphatic C9-C28	3.085	17.220	177598074	1360	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	3MSD			SDG No.:	Q2179
Lab Sample ID:	Q2147-05MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.3
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 17:26	PB168239

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	99.5	E	1	1.05	4.63	mg/kg	FE054156.D
Total EPH	Total EPH	99.5			1.05	4.63	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	3MSD			SDG No.:	Q2179
Lab Sample ID:	Q2147-05MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.3
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054156.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	99.5	E	1.05	4.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	56.7	E	1.36	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.1		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.8		40 - 140	62%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-05MSD	Acq On:	03 Jun 2025 17:26
Client Sample ID:	3MSD	Operator:	YP\AJ
Data file:	FE054156.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	26770159	197.474	300	ug/ml
Aliphatic C12-C16	6.731	10.178	34755542	257.56	200	ug/ml
Aliphatic C16-C21	10.179	13.552	49219153	373.124	300	ug/ml
Aliphatic C21-C28	13.553	17.220	57399957	462.243	400	ug/ml
Aliphatic C28-C40	17.221	22.091	84830276	734.901	600	ug/ml
Aliphatic EPH	3.085	22.091	252975087	2030		ug/ml
ortho-Terphenyl (SURR)	11.839	11.839	5003569	30.79		ug/ml
1-chlorooctadecane (SURR)	13.283	13.283	4282711	36.13		ug/ml
Aliphatic C9-C28	3.085	17.220	168144811	1290	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 : FE051425AL

AreaCount

Parameter Range	FE053808.D	FE053809.D	FE053810.D	FE053811.D	FE053812.D	
Aliphatic C9-C12	39959813.000	19674422.000	8359998.000	4302314.000	1960657.000	
Aliphatic C12-C16	26366047.000	13009283.000	5535375.000	2847096.000	1320454.000	
Aliphatic C16-C21	38070913.000	18853668.000	8070214.000	4192256.000	1990718.000	
Aliphatic C21-C28	47420227.000	23538252.000	10118575.000	5271396.000	2527516.000	
Aliphatic C28-C40	66668035.000	32845865.000	13960092.000	7254782.000	3579221.000	
Aliphatic EPH	218485035.000	107921490.000	46044254.000	23867844.000	11378566.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	135563.2846662	4.112				
Aliphatic C12-C16	134941.528	3.858				
Aliphatic C16-C21	131910.8259996	4.362				
Aliphatic C21-C28	124176.943	4.794				
Aliphatic C28-C40	115430.8216662	4.329				
Aliphatic EPH	125644.338333	4.08				

Concentration

Parameter Range	FE053808.D	FE053809.D	FE053810.D	FE053811.D	FE053812.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	FE053808.D	FE053809.D	FE053810.D	FE053811.D	FE053812.D	
Aliphatic C9-C12	133199.376666	131162.813333	139333.300000	143410.466666	130710.466666	
Aliphatic C12-C16	131830.235000	130092.830000	138384.375000	142354.800000	132045.400000	
Aliphatic C16-C21	126903.043333	125691.120000	134503.566666	139741.866666	132714.533333	

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

Inital Calibration Report for SequenceID : FE051425AL

Aliphatic C21-C28	118550.567500	117691.260000	126482.187500	131784.900000	126375.800000	
Aliphatic C28-C40	111113.391666	109486.216666	116334.100000	120913.033333	119307.366666	
Aliphatic EPH	121380.575000	119912.766666	127900.705555	132599.133333	126428.511111	

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

Continuing Calibration Report for SequenceID : FE060325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054148.D**						
Aliphatic C9-C12	6816437.000	60.000	3.085	6.730	113607.283	135563.285	16.196
Aliphatic C12-C16	4926102.000	40.000	6.731	10.178	123152.550	134941.528	8.736
Aliphatic C16-C21	7542546.000	60.000	10.179	13.552	125709.100	131910.826	4.701
Aliphatic C21-C28	10036390.000	80.000	13.553	17.220	125454.875	124176.943	-1.029
Aliphatic C28-C40	13226699.000	120.000	17.221	22.091	110222.492	115430.822	4.512
Aliphatic EPH	42548174.000	360.000	3.085	22.091	118189.372	125644.338	5.933

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:	03 Jun 2025 11:14
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054148.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.085	6.730	6816437.000	60.000	ug/ml
Aliphatic C12-C16	6.731	10.178	4926102.000	40.000	ug/ml
Aliphatic C16-C21	10.179	13.552	7542546.000	60.000	ug/ml
Aliphatic C21-C28	13.553	17.220	10036390.000	80.000	ug/ml
Aliphatic C28-C40	17.221	22.091	13226699.000	120.000	ug/ml
Aliphatic EPH	3.085	22.091	42548174.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE060325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054167.D**						
Aliphatic C9-C12	6798073.000	60.000	3.085	6.730	113301.217	135563.285	16.422
Aliphatic C12-C16	4936042.000	40.000	6.731	10.178	123401.050	134941.528	8.552
Aliphatic C16-C21	7572280.000	60.000	10.179	13.552	126204.667	131910.826	4.326
Aliphatic C21-C28	10035757.000	80.000	13.553	17.220	125446.963	124176.943	-1.023
Aliphatic C28-C40	13358671.000	120.000	17.221	22.091	111322.258	115430.822	3.559
Aliphatic EPH	42700823.000	360.000	3.085	22.091	118613.397	125644.338	5.596

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:	03 Jun 2025 23:27
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054167.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.085	6.730	6798073.000	60.000	ug/ml
Aliphatic C12-C16	6.731	10.178	4936042.000	40.000	ug/ml
Aliphatic C16-C21	10.179	13.552	7572280.000	60.000	ug/ml
Aliphatic C21-C28	13.553	17.220	10035757.000	80.000	ug/ml
Aliphatic C28-C40	17.221	22.091	13358671.000	120.000	ug/ml
Aliphatic EPH	3.085	22.091	42700823.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054162.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 20:27
Operator : YP\AJ
Sample : Q2179-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
D3

Integration File: autoint1.e
Quant Time: Jun 04 02:54:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 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)	11.837	4049157	24.916 ug/ml
Spiked Amount 50.000		Recovery = 49.83%	
12) S 1-chlorooctadecane (S...	13.282	3238630	27.319 ug/ml
Spiked Amount 50.000		Recovery = 54.64%	
Target Compounds			

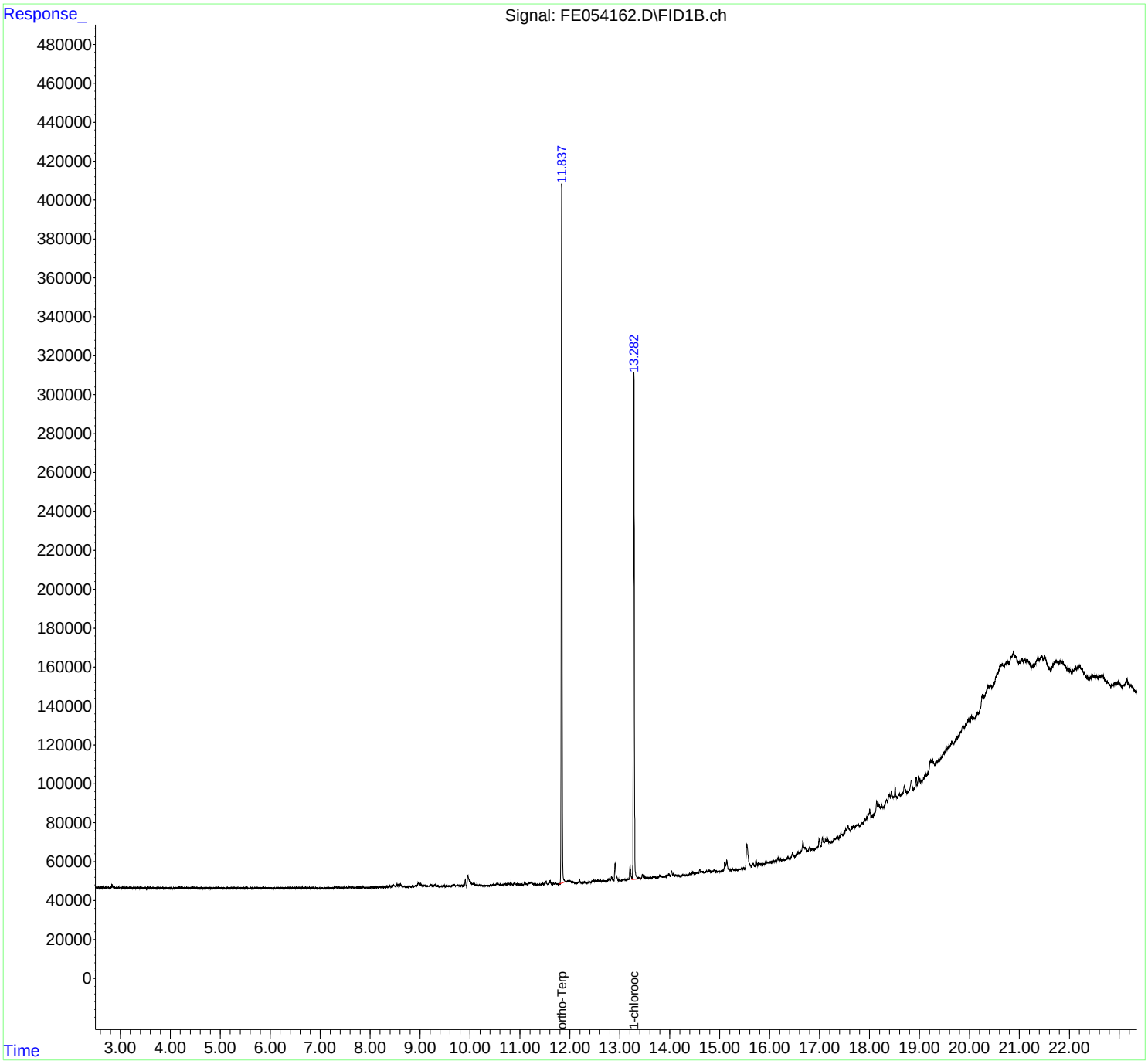
(f)=RT Delta > 1/2 Window (m)=manual int.

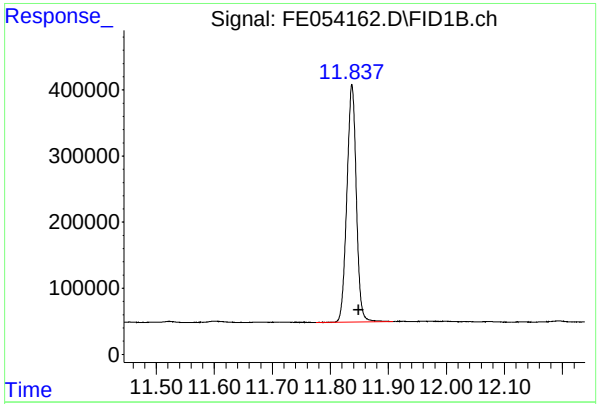
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054162.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 20:27
Operator : YP\AJ
Sample : Q2179-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
D3

Integration File: autoint1.e
Quant Time: Jun 04 02:54:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

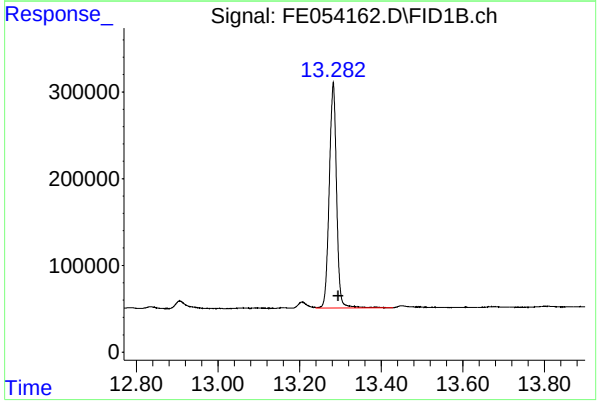




#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.011 min
Response: 4049157
Conc: 24.92 ug/ml

Instrument :
FID_E
ClientSampleId :
D3



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.012 min
Response: 3238630
Conc: 27.32 ug/ml

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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054162.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 20:27
Sample : Q2179-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.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	2.830	2.804	3.032	PH	1411	43525	0.90%	0.080%
2	3.048	3.032	3.072	PV	109	1665	0.03%	0.003%
3	3.085	3.072	3.108	PV	80	1109	0.02%	0.002%
4	3.113	3.108	3.154	PV	73	687	0.01%	0.001%
5	3.183	3.154	3.228	VV	264	4916	0.10%	0.009%
6	3.249	3.228	3.288	VV	178	3253	0.07%	0.006%
7	3.298	3.288	3.311	VV	75	424	0.01%	0.001%
8	3.316	3.311	3.348	VV	50	603	0.01%	0.001%
9	3.352	3.348	3.401	PV	66	1825	0.04%	0.003%
10	3.408	3.401	3.455	VV	102	3056	0.06%	0.006%
11	3.464	3.455	3.494	VV	160	1502	0.03%	0.003%
12	3.501	3.494	3.514	VV	114	763	0.02%	0.001%
13	3.549	3.514	3.562	VV	169	2084	0.04%	0.004%
14	3.579	3.562	3.614	VV	125	2400	0.05%	0.004%
15	3.625	3.614	3.631	PV	108	801	0.02%	0.001%
16	3.660	3.631	3.748	VV	280	6081	0.13%	0.011%
17	3.758	3.748	3.767	PV	56	691	0.01%	0.001%
18	3.779	3.767	3.814	VV	170	3017	0.06%	0.006%
19	3.836	3.814	3.868	VV	157	2589	0.05%	0.005%
20	3.872	3.868	3.900	VV	158	1460	0.03%	0.003%
21	3.912	3.900	3.932	VV	114	1305	0.03%	0.002%
22	3.941	3.932	3.968	PV	108	1404	0.03%	0.003%
23	3.982	3.968	4.003	VV	120	1961	0.04%	0.004%
24	4.018	4.003	4.040	VV	126	1554	0.03%	0.003%
25	4.059	4.040	4.068	PV	113	1344	0.03%	0.002%
26	4.111	4.068	4.118	VV	251	5793	0.12%	0.011%
27	4.126	4.118	4.142	VV	276	3583	0.07%	0.007%
28	4.171	4.142	4.209	VV	481	13333	0.28%	0.024%
29	4.215	4.209	4.228	VV	296	3272	0.07%	0.006%
30	4.256	4.228	4.354	VV	382	17492	0.36%	0.032%
31	4.366	4.354	4.373	VV	159	1414	0.03%	0.003%
32	4.380	4.373	4.394	VV	140	1561	0.03%	0.003%
33	4.399	4.394	4.427	VV	162	1992	0.04%	0.004%
34	4.448	4.427	4.469	VV	494	7199	0.15%	0.013%
35	4.482	4.469	4.549	VV	292	8116	0.17%	0.015%
36	4.574	4.549	4.608	VV	173	4174	0.09%	0.008%

Page 1

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37	4.626	4.608	4.669	VV	277	5747	0.12%	0.011%
38	4.708	4.669	4.851	VV	147	10422	0.22%	0.019%
39	4.954	4.851	4.985	VV	289	15518	0.32%	0.028%
40	5.008	4.985	5.056	VV	231	6435	0.13%	0.012%
41	5.071	5.056	5.090	VV	135	2018	0.04%	0.004%
42	5.118	5.090	5.194	VV	230	6710	0.14%	0.012%
43	5.205	5.194	5.228	VV	119	1632	0.03%	0.003%
44	5.422	5.228	5.528	VV	307	19409	0.40%	0.036%
45	5.592	5.528	5.642	VV	328	7759	0.16%	0.014%
46	5.712	5.642	5.828	PV	331	21257	0.44%	0.039%
47	5.885	5.828	5.911	VV	344	10997	0.23%	0.020%
48	5.929	5.911	6.054	VV	251	16112	0.33%	0.030%
49	6.080	6.054	6.136	VV	228	4593	0.10%	0.008%
50	6.190	6.136	6.244	VV	294	11977	0.25%	0.022%
51	6.279	6.244	6.298	VV	203	5565	0.12%	0.010%
52	6.341	6.298	6.461	VV	414	22289	0.46%	0.041%
53	6.484	6.461	6.511	VV	502	10464	0.22%	0.019%
54	6.521	6.511	6.571	VV	486	11425	0.24%	0.021%
55	6.577	6.571	6.602	VV	304	4322	0.09%	0.008%
56	6.635	6.602	6.672	VV	354	11311	0.23%	0.021%
57	6.701	6.672	6.753	VV	481	12483	0.26%	0.023%
58	6.778	6.753	6.819	VV	300	8169	0.17%	0.015%
59	6.835	6.819	6.898	VV	226	7075	0.15%	0.013%
60	6.912	6.898	7.008	VV	137	5818	0.12%	0.011%
61	7.036	7.008	7.061	VV	115	2149	0.04%	0.004%
62	7.139	7.061	7.181	PV	209	8123	0.17%	0.015%
63	7.198	7.181	7.231	VV	223	5588	0.12%	0.010%
64	7.351	7.231	7.398	VV	447	28042	0.58%	0.051%
65	7.413	7.398	7.438	VV	339	6237	0.13%	0.011%
66	7.464	7.438	7.494	VV	313	8007	0.17%	0.015%
67	7.517	7.494	7.548	VV	257	7693	0.16%	0.014%
68	7.581	7.548	7.618	VV	394	11313	0.23%	0.021%
69	7.651	7.618	7.684	VV	388	9903	0.21%	0.018%
70	7.715	7.684	7.734	VV	325	5984	0.12%	0.011%
71	7.756	7.734	7.830	VV	288	8273	0.17%	0.015%
72	7.862	7.830	7.929	VV	628	10922	0.23%	0.020%
73	7.952	7.929	7.978	VV	138	1461	0.03%	0.003%
74	8.034	7.978	8.088	PV	909	18878	0.39%	0.035%
75	8.190	8.088	8.263	VV	496	26117	0.54%	0.048%
76	8.285	8.263	8.308	VV	340	7162	0.15%	0.013%
77	8.383	8.308	8.418	VV	661	30956	0.64%	0.057%
78	8.470	8.418	8.511	VV	1181	38273	0.79%	0.070%
79	8.536	8.511	8.555	VV	1509	27090	0.56%	0.050%
80	8.579	8.555	8.765	VV	1769	82024	1.70%	0.150%
81	8.792	8.765	8.821	VV	390	6735	0.14%	0.012%
82	8.975	8.821	9.068	VV	1994	131250	2.72%	0.241%
83	9.080	9.068	9.169	VV	591	27634	0.57%	0.051%
84	9.209	9.169	9.267	VV	1014	34977	0.72%	0.064%
85	9.295	9.267	9.424	VV	1133	35946	0.74%	0.066%
86	9.481	9.424	9.514	VV	393	12760	0.26%	0.023%
87	9.538	9.514	9.554	VV	309	5678	0.12%	0.010%
88	9.588	9.554	9.614	VV	381	9560	0.20%	0.018%
89	9.681	9.614	9.731	VV	736	26897	0.56%	0.049%

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90	9.753	9.731	9.804	VV	497	13157	0.27%	0.024%
91	9.821	9.804	9.874	VV	333	9610	0.20%	0.018%
92	9.906	9.874	9.928	VV	3231	38800	0.80%	0.071%
93	9.960	9.928	10.052	VV	5471	179820	3.72%	0.330%
94	10.076	10.052	10.121	VV	2006	44207	0.92%	0.081%
95	10.143	10.121	10.164	VV	1127	17338	0.36%	0.032%
96	10.182	10.164	10.218	VV	503	10311	0.21%	0.019%
97	10.240	10.218	10.328	VV	259	7169	0.15%	0.013%
98	10.342	10.328	10.380	VV	173	3147	0.07%	0.006%
99	10.418	10.380	10.438	PV	768	11845	0.25%	0.022%
100	10.463	10.438	10.487	VV	677	12481	0.26%	0.023%
101	10.546	10.487	10.589	VV	1192	45673	0.95%	0.084%
102	10.604	10.589	10.644	VV	701	14458	0.30%	0.027%
103	10.697	10.644	10.720	VV	888	23793	0.49%	0.044%
104	10.740	10.720	10.758	VV	641	12956	0.27%	0.024%
105	10.817	10.758	10.861	VV	1607	47270	0.98%	0.087%
106	10.888	10.861	10.924	VV	1193	24857	0.51%	0.046%
107	10.944	10.924	10.998	VV	722	14845	0.31%	0.027%
108	11.037	10.998	11.068	VV	371	7730	0.16%	0.014%
109	11.093	11.068	11.148	VV	1263	31588	0.65%	0.058%
110	11.217	11.148	11.368	VV	1487	75479	1.56%	0.138%
111	11.390	11.368	11.421	VV	235	5047	0.10%	0.009%
112	11.453	11.421	11.481	VV	845	14114	0.29%	0.026%
113	11.522	11.481	11.561	VV	1731	30410	0.63%	0.056%
114	11.602	11.561	11.650	VV	2043	39662	0.82%	0.073%
115	11.679	11.650	11.698	PV	551	8370	0.17%	0.015%
116	11.717	11.698	11.773	VV	640	10543	0.22%	0.019%
117	11.837	11.773	11.941	VV	361736	4123394	85.40%	7.563%
118	11.964	11.941	12.054	VV	1447	77624	1.61%	0.142%
119	12.072	12.054	12.110	VV	894	17558	0.36%	0.032%
120	12.131	12.110	12.148	VV	427	5544	0.11%	0.010%
121	12.193	12.148	12.231	VV	1860	33284	0.69%	0.061%
122	12.246	12.231	12.268	VV	291	4202	0.09%	0.008%
123	12.288	12.268	12.344	VV	734	11975	0.25%	0.022%
124	12.389	12.344	12.420	PV	546	11719	0.24%	0.021%
125	12.465	12.420	12.528	VV	968	44723	0.93%	0.082%
126	12.563	12.528	12.598	VV	1110	33014	0.68%	0.061%
127	12.613	12.598	12.631	VV	679	11965	0.25%	0.022%
128	12.653	12.631	12.732	VV	692	27854	0.58%	0.051%
129	12.785	12.732	12.809	VV	1446	37282	0.77%	0.068%
130	12.835	12.809	12.871	VV	2491	45523	0.94%	0.083%
131	12.907	12.871	13.018	VV	8974	184130	3.81%	0.338%
132	13.059	13.018	13.077	PV	610	11789	0.24%	0.022%
133	13.094	13.077	13.141	VV	599	12950	0.27%	0.024%
134	13.161	13.141	13.181	VV	856	11104	0.23%	0.020%
135	13.207	13.181	13.241	VV	7124	115247	2.39%	0.211%
136	13.282	13.241	13.368	VV	256674	3239460	67.09%	5.942%
137	13.385	13.368	13.428	VV	854	22405	0.46%	0.041%
138	13.452	13.428	13.568	VV	2352	76726	1.59%	0.141%
139	13.606	13.568	13.631	VV	408	10952	0.23%	0.020%
140	13.675	13.631	13.738	VV	1009	30965	0.64%	0.057%
141	13.806	13.738	13.848	VV	1257	40993	0.85%	0.075%

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142	13.986	13.848	14.010	VV	1654	75031	1.55%	0.138%
143	14.036	14.010	14.061	VV	3005	50296	1.04%	0.092%
144	14.077	14.061	14.104	VV	1474	27796	0.58%	0.051%
145	14.122	14.104	14.211	VV	878	24292	0.50%	0.045%
146	14.255	14.211	14.288	PV	582	17114	0.35%	0.031%
147	14.306	14.288	14.316	VV	387	5415	0.11%	0.010%
148	14.331	14.316	14.354	VV	341	5338	0.11%	0.010%
149	14.399	14.354	14.421	PV	848	17931	0.37%	0.033%
150	14.470	14.421	14.504	VV	1394	47692	0.99%	0.087%
151	14.541	14.504	14.571	VV	1202	33846	0.70%	0.062%
152	14.601	14.571	14.624	VV	2550	44789	0.93%	0.082%
153	14.654	14.624	14.691	VV	1351	39470	0.82%	0.072%
154	14.737	14.691	14.761	VV	1132	37793	0.78%	0.069%
155	14.783	14.761	14.824	VV	1548	39901	0.83%	0.073%
156	14.847	14.824	14.867	VV	1203	22200	0.46%	0.041%
157	14.892	14.867	14.958	VV	1648	44119	0.91%	0.081%
158	14.983	14.958	15.024	VV	489	14412	0.30%	0.026%
159	15.103	15.024	15.121	VV	4872	99074	2.05%	0.182%
160	15.141	15.121	15.224	VV	5738	131213	2.72%	0.241%
161	15.260	15.224	15.282	VV	957	22371	0.46%	0.041%
162	15.302	15.282	15.354	VV	605	16066	0.33%	0.029%
163	15.450	15.354	15.504	PV	610	23596	0.49%	0.043%
164	15.544	15.504	15.638	PV	12374	347950	7.21%	0.638%
165	15.665	15.638	15.698	VV	1813	41494	0.86%	0.076%
166	15.727	15.698	15.753	VV	3520	52933	1.10%	0.097%
167	15.780	15.753	15.845	VV	1495	45061	0.93%	0.083%
168	15.931	15.845	16.014	VV	1053	62516	1.29%	0.115%
169	16.069	16.014	16.084	VV	812	23327	0.48%	0.043%
170	16.166	16.084	16.211	VV	1983	67479	1.40%	0.124%
171	16.228	16.211	16.260	VV	728	13487	0.28%	0.025%
172	16.299	16.260	16.318	VV	302	6836	0.14%	0.013%
173	16.366	16.318	16.394	PV	1027	19607	0.41%	0.036%
174	16.457	16.394	16.504	VV	2370	49411	1.02%	0.091%
175	16.569	16.504	16.598	VV	1780	46245	0.96%	0.085%
176	16.665	16.598	16.748	VV	6592	227562	4.71%	0.417%
177	16.802	16.748	16.838	VV	2277	61139	1.27%	0.112%
178	16.852	16.838	16.888	VV	834	13798	0.29%	0.025%
179	16.989	16.888	17.028	PV	4485	91572	1.90%	0.168%
180	17.055	17.028	17.093	VV	4582	94888	1.97%	0.174%
181	17.121	17.093	17.144	VV	2739	64827	1.34%	0.119%
182	17.157	17.144	17.228	VV	2373	54156	1.12%	0.099%
183	17.296	17.228	17.311	PV	986	17027	0.35%	0.031%
184	17.353	17.311	17.381	VV	1453	32219	0.67%	0.059%
185	17.444	17.381	17.467	PV	1196	35896	0.74%	0.066%
186	17.567	17.467	17.612	VV	3575	151511	3.14%	0.278%
187	17.673	17.612	17.696	VV	2191	69390	1.44%	0.127%
188	17.768	17.696	17.808	VV	1393	69267	1.43%	0.127%
189	17.901	17.808	17.916	PV	1885	57079	1.18%	0.105%
190	18.003	17.916	18.061	VV	5392	197746	4.10%	0.363%
191	18.143	18.061	18.216	VV	7488	314470	6.51%	0.577%
192	18.236	18.216	18.264	VV	4107	88824	1.84%	0.163%
193	18.339	18.264	18.358	VV	4912	175366	3.63%	0.322%
194	18.394	18.358	18.414	VV	6339	174383	3.61%	0.320%

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195	18.436	18.414	18.484	VV	7690	220315	4.56%	0.404%
196	18.510	18.484	18.557	VV	8377	196350	4.07%	0.360%
197	18.594	18.557	18.638	VV	3415	135062	2.80%	0.248%
198	18.694	18.638	18.741	VV	6135	217243	4.50%	0.398%
199	18.834	18.741	18.880	VV	6794	251683	5.21%	0.462%
200	18.934	18.880	18.956	VV	6411	139721	2.89%	0.256%
201	18.983	18.956	19.024	VV	6488	175181	3.63%	0.321%
202	19.115	19.024	19.131	VV	5318	233647	4.84%	0.429%
203	19.259	19.131	19.308	VV	10473	798697	16.54%	1.465%
204	19.332	19.308	19.358	VV	8982	236481	4.90%	0.434%
205	19.389	19.358	19.406	VV	8456	230303	4.77%	0.422%
206	19.592	19.406	19.607	VV	12420	1230610	25.49%	2.257%
207	19.647	19.607	19.680	VV	13199	530208	10.98%	0.972%
208	19.741	19.680	19.758	VV	14287	601473	12.46%	1.103%
209	19.867	19.758	19.904	VV	17718	1359218	28.15%	2.493%
210	19.979	19.904	20.008	VV	19065	1105102	22.89%	2.027%
211	20.041	20.008	20.099	VV	19699	1014638	21.01%	1.861%
212	20.160	20.099	20.184	VV	19325	953592	19.75%	1.749%
213	20.266	20.184	20.289	VV	27062	1471005	30.47%	2.698%
214	20.382	20.289	20.400	VV	29704	1839611	38.10%	3.374%
215	20.430	20.400	20.451	VV	29280	892209	18.48%	1.636%
216	20.660	20.451	20.694	VV	36748	4828367	100.00%	8.856%
217	20.760	20.694	20.794	VV	36154	2131051	44.14%	3.909%
218	20.879	20.794	20.984	VV	38592	4090543	84.72%	7.503%
219	21.044	20.984	21.071	VV	32477	1648366	34.14%	3.023%
220	21.100	21.071	21.127	VV	31531	1049499	21.74%	1.925%
221	21.163	21.127	21.248	VV	30508	2056573	42.59%	3.772%
222	21.376	21.248	21.398	VV	27182	2349783	48.67%	4.310%
223	21.449	21.398	21.474	VV	27673	1239526	25.67%	2.273%
224	21.508	21.474	21.618	VV	26139	1926345	39.90%	3.533%
225	21.741	21.618	21.796	VV	20722	2059665	42.66%	3.778%
226	21.829	21.796	22.041	VV	19046	2160924	44.75%	3.963%
227	22.211	22.041	22.388	VV	9867	1510298	31.28%	2.770%
			Sum of corrected areas:			54520648		

Aliphatic EPH 051425.M Wed Jun 04 04:38:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054163.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 20:57
Operator : YP\AJ
Sample : Q2179-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
D4

Integration File: autoint1.e
Quant Time: Jun 04 02:55:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 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)	11.838	4535667	27.910 ug/ml
Spiked Amount 50.000		Recovery =	55.82%
12) S 1-chlorooctadecane (S...	13.283	3675264	31.002 ug/ml
Spiked Amount 50.000		Recovery =	62.00%
Target Compounds			

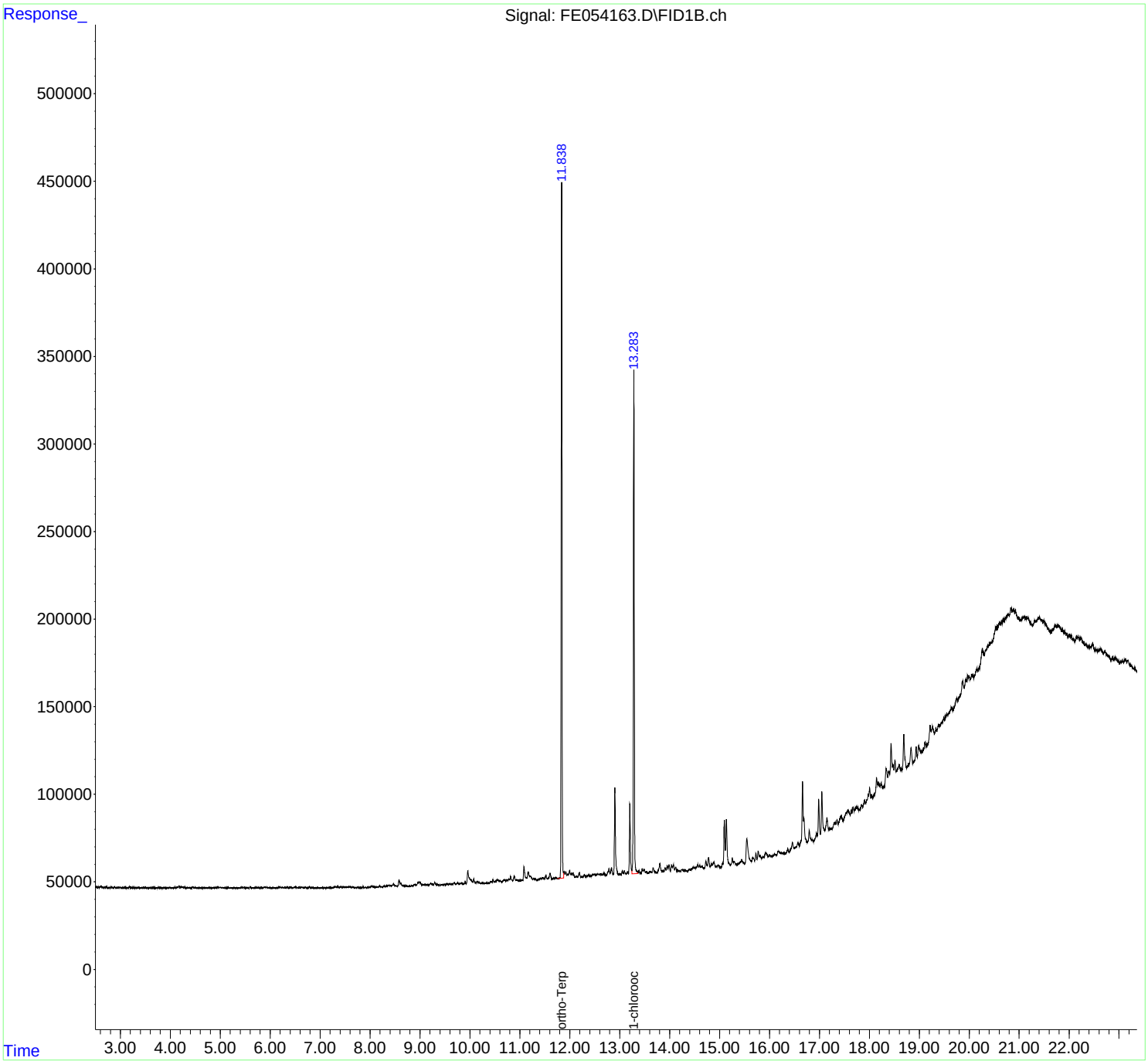
(f)=RT Delta > 1/2 Window (m)=manual int.

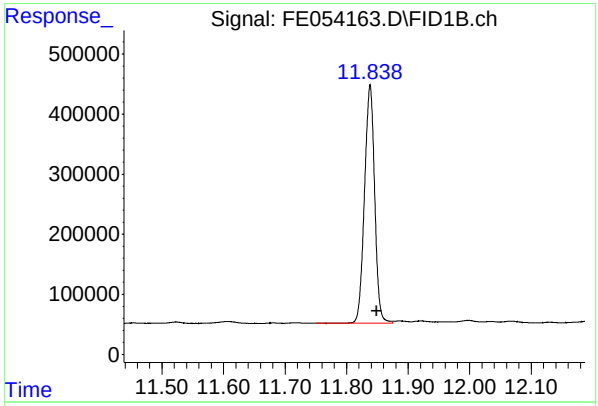
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054163.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 20:57
Operator : YP\AJ
Sample : Q2179-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
D4

Integration File: autoint1.e
Quant Time: Jun 04 02:55:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

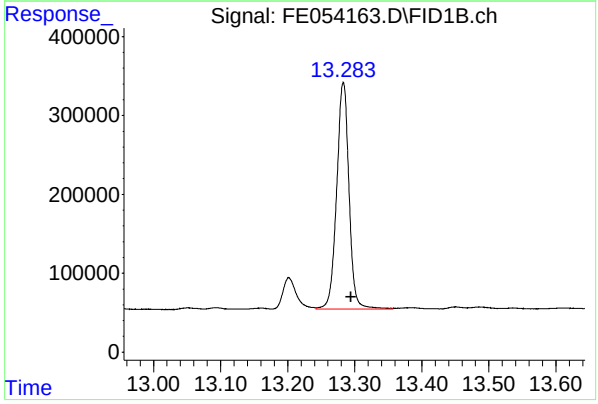




#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.011 min
Response: 4535667
Conc: 27.91 ug/ml

Instrument :
FID_E
ClientSampleId :
D4



#12 1-chlorooctadecane (SURR)

R.T.: 13.283 min
Delta R.T.: -0.012 min
Response: 3675264
Conc: 31.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054163.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 20:57
Sample : Q2179-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.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	2.817	2.804	2.849	PV	176	2735	0.06%	0.003%
2	2.878	2.849	2.906	PV	374	5340	0.12%	0.006%
3	2.915	2.906	2.921	PV	113	603	0.01%	0.001%
4	2.942	2.921	3.022	VV	211	6956	0.15%	0.008%
5	3.041	3.022	3.082	VV	168	2766	0.06%	0.003%
6	3.092	3.082	3.138	PV	90	1640	0.04%	0.002%
7	3.144	3.138	3.154	VV	85	375	0.01%	0.000%
8	3.183	3.154	3.243	PV	633	9669	0.21%	0.010%
9	3.250	3.243	3.291	VV	118	1526	0.03%	0.002%
10	3.317	3.291	3.378	VV	121	2796	0.06%	0.003%
11	3.426	3.378	3.506	VV	172	6712	0.15%	0.007%
12	3.515	3.506	3.598	VV	170	4979	0.11%	0.005%
13	3.649	3.598	3.671	PV	262	5195	0.11%	0.006%
14	3.691	3.671	3.699	VV	172	1705	0.04%	0.002%
15	3.711	3.699	3.761	VV	132	2112	0.05%	0.002%
16	3.775	3.761	3.836	VV	285	8488	0.19%	0.009%
17	3.876	3.836	3.898	VV	292	4917	0.11%	0.005%
18	3.908	3.898	3.967	VV	109	3596	0.08%	0.004%
19	3.982	3.967	4.005	VV	307	3893	0.09%	0.004%
20	4.014	4.005	4.035	VV	178	1905	0.04%	0.002%
21	4.171	4.035	4.208	VV	917	38943	0.85%	0.042%
22	4.224	4.208	4.298	VV	513	22507	0.49%	0.024%
23	4.305	4.298	4.349	VV	337	8381	0.18%	0.009%
24	4.359	4.349	4.399	VV	225	6337	0.14%	0.007%
25	4.411	4.399	4.428	VV	211	2836	0.06%	0.003%
26	4.448	4.428	4.470	VV	750	10101	0.22%	0.011%
27	4.487	4.470	4.551	VV	374	10948	0.24%	0.012%
28	4.573	4.551	4.589	VV	259	4022	0.09%	0.004%
29	4.627	4.589	4.661	VV	318	8330	0.18%	0.009%
30	4.726	4.661	4.742	VV	284	9874	0.22%	0.011%
31	4.748	4.742	4.754	VV	205	1414	0.03%	0.002%
32	4.764	4.754	4.832	VV	284	8685	0.19%	0.009%
33	4.844	4.832	4.858	VV	186	2076	0.05%	0.002%
34	4.870	4.858	4.898	VV	205	3861	0.08%	0.004%
35	4.961	4.898	4.999	VV	514	22356	0.49%	0.024%
36	5.007	4.999	5.025	VV	357	5494	0.12%	0.006%

rteres

37	5.033	5.025	5.051	VV	345	4178	0.09%	0.005%
38	5.067	5.051	5.100	VV	242	5983	0.13%	0.006%
39	5.115	5.100	5.144	VV	288	5786	0.13%	0.006%
40	5.161	5.144	5.189	VV	295	5562	0.12%	0.006%
41	5.202	5.189	5.224	VV	218	2843	0.06%	0.003%
42	5.241	5.224	5.255	VV	187	2497	0.05%	0.003%
43	5.267	5.255	5.278	VV	193	2130	0.05%	0.002%
44	5.284	5.278	5.302	VV	189	1714	0.04%	0.002%
45	5.310	5.302	5.324	VV	88	885	0.02%	0.001%
46	5.356	5.324	5.375	VV	134	3347	0.07%	0.004%
47	5.382	5.375	5.394	VV	146	1406	0.03%	0.002%
48	5.432	5.394	5.530	VV	447	19954	0.44%	0.022%
49	5.542	5.530	5.578	VV	184	2362	0.05%	0.003%
50	5.596	5.578	5.651	PV	568	12133	0.27%	0.013%
51	5.655	5.651	5.674	VV	160	1748	0.04%	0.002%
52	5.712	5.674	5.761	VV	499	15981	0.35%	0.017%
53	5.768	5.761	5.774	VV	309	2237	0.05%	0.002%
54	5.786	5.774	5.838	VV	346	9150	0.20%	0.010%
55	5.882	5.838	5.906	VV	546	14464	0.32%	0.016%
56	5.927	5.906	5.964	VV	443	13493	0.30%	0.015%
57	5.974	5.964	6.042	VV	352	9430	0.21%	0.010%
58	6.054	6.042	6.100	VV	179	4700	0.10%	0.005%
59	6.118	6.100	6.135	VV	211	2686	0.06%	0.003%
60	6.188	6.135	6.250	VV	632	26743	0.59%	0.029%
61	6.270	6.250	6.303	VV	418	10030	0.22%	0.011%
62	6.315	6.303	6.323	VV	369	3708	0.08%	0.004%
63	6.339	6.323	6.381	VV	601	13224	0.29%	0.014%
64	6.389	6.381	6.413	VV	332	5821	0.13%	0.006%
65	6.426	6.413	6.464	VV	362	8061	0.18%	0.009%
66	6.493	6.464	6.509	VV	489	11131	0.24%	0.012%
67	6.519	6.509	6.585	VV	499	15276	0.33%	0.017%
68	6.591	6.585	6.613	VV	291	4168	0.09%	0.005%
69	6.632	6.613	6.674	VV	501	11960	0.26%	0.013%
70	6.710	6.674	6.748	VV	298	8420	0.18%	0.009%
71	6.781	6.748	6.806	VV	473	8502	0.19%	0.009%
72	6.814	6.806	6.848	VV	263	3390	0.07%	0.004%
73	6.861	6.848	6.872	VV	102	1096	0.02%	0.001%
74	6.891	6.872	6.904	VV	115	1227	0.03%	0.001%
75	6.915	6.904	6.936	VV	147	1558	0.03%	0.002%
76	6.962	6.936	7.011	PV	83	2745	0.06%	0.003%
77	7.043	7.011	7.070	VV	119	2806	0.06%	0.003%
78	7.087	7.070	7.106	VV	123	1635	0.04%	0.002%
79	7.205	7.106	7.224	VV	296	9070	0.20%	0.010%
80	7.230	7.224	7.238	VV	112	960	0.02%	0.001%
81	7.288	7.238	7.304	VV	623	14691	0.32%	0.016%
82	7.315	7.304	7.334	VV	651	9890	0.22%	0.011%
83	7.351	7.334	7.387	VV	845	16495	0.36%	0.018%
84	7.412	7.387	7.444	VV	652	15031	0.33%	0.016%
85	7.460	7.444	7.504	VV	487	14453	0.32%	0.016%
86	7.525	7.504	7.568	VV	372	12448	0.27%	0.013%
87	7.581	7.568	7.636	VV	634	15988	0.35%	0.017%
88	7.650	7.636	7.683	VV	396	7129	0.16%	0.008%
89	7.702	7.683	7.718	VV	167	3222	0.07%	0.003%

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90	7.724	7.718	7.733	VV	175	994	0.02%	0.001%
91	7.755	7.733	7.827	VV	290	5856	0.13%	0.006%
92	7.863	7.827	7.937	VV	610	13060	0.29%	0.014%
93	7.955	7.937	7.973	PV	226	2625	0.06%	0.003%
94	8.035	7.973	8.093	VV	937	28047	0.61%	0.030%
95	8.113	8.093	8.138	VV	381	7457	0.16%	0.008%
96	8.191	8.138	8.241	VV	678	22438	0.49%	0.024%
97	8.282	8.241	8.311	VV	921	19995	0.44%	0.022%
98	8.385	8.311	8.411	VV	1056	44225	0.97%	0.048%
99	8.435	8.411	8.444	VV	743	14262	0.31%	0.015%
100	8.467	8.444	8.551	VV	1669	51799	1.14%	0.056%
101	8.580	8.551	8.700	VV	3808	120223	2.64%	0.130%
102	8.716	8.700	8.771	VV	384	9241	0.20%	0.010%
103	8.791	8.771	8.808	VV	342	3524	0.08%	0.004%
104	8.846	8.808	8.859	PV	368	6784	0.15%	0.007%
105	8.887	8.859	8.903	VV	955	18287	0.40%	0.020%
106	8.916	8.903	8.929	VV	851	11440	0.25%	0.012%
107	8.981	8.929	8.994	VV	2571	68316	1.50%	0.074%
108	9.003	8.994	9.064	VV	2185	46544	1.02%	0.050%
109	9.083	9.064	9.108	VV	789	16377	0.36%	0.018%
110	9.115	9.108	9.131	VV	605	7629	0.17%	0.008%
111	9.152	9.131	9.174	VV	678	13690	0.30%	0.015%
112	9.210	9.174	9.271	VV	1220	44364	0.97%	0.048%
113	9.295	9.271	9.323	VV	1777	30667	0.67%	0.033%
114	9.335	9.323	9.399	VV	561	14679	0.32%	0.016%
115	9.447	9.399	9.462	PV	507	9756	0.21%	0.011%
116	9.487	9.462	9.511	VV	676	12188	0.27%	0.013%
117	9.538	9.511	9.563	VV	605	12204	0.27%	0.013%
118	9.591	9.563	9.610	VV	583	11777	0.26%	0.013%
119	9.629	9.610	9.650	VV	569	9297	0.20%	0.010%
120	9.682	9.650	9.728	VV	1342	34106	0.75%	0.037%
121	9.753	9.728	9.778	VV	1045	20010	0.44%	0.022%
122	9.821	9.778	9.871	VV	852	26866	0.59%	0.029%
123	9.906	9.871	9.926	VV	1767	24920	0.55%	0.027%
124	9.959	9.926	10.053	VV	7622	233332	5.12%	0.253%
125	10.076	10.053	10.123	VV	2948	62333	1.37%	0.067%
126	10.143	10.123	10.164	VV	1464	23579	0.52%	0.026%
127	10.183	10.164	10.215	VV	809	15145	0.33%	0.016%
128	10.246	10.215	10.317	VV	368	13974	0.31%	0.015%
129	10.343	10.317	10.361	PV	381	5056	0.11%	0.005%
130	10.371	10.361	10.381	VV	171	1844	0.04%	0.002%
131	10.421	10.381	10.441	VV	1085	20082	0.44%	0.022%
132	10.464	10.441	10.487	VV	1685	28745	0.63%	0.031%
133	10.550	10.487	10.586	VV	1752	65367	1.43%	0.071%
134	10.608	10.586	10.634	VV	1221	24306	0.53%	0.026%
135	10.697	10.634	10.714	VV	1384	43612	0.96%	0.047%
136	10.742	10.714	10.759	VV	1285	28784	0.63%	0.031%
137	10.780	10.759	10.796	VV	1642	29610	0.65%	0.032%
138	10.817	10.796	10.857	VV	2766	57584	1.26%	0.062%
139	10.888	10.857	10.928	VV	3403	71388	1.57%	0.077%
140	10.944	10.928	10.997	VV	1175	29851	0.65%	0.032%
141	11.008	10.997	11.018	VV	505	5689	0.12%	0.006%

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142	11.038	11.018	11.058	VV	755	14247	0.31%	0.015%
143	11.085	11.058	11.142	VV	8234	170563	3.74%	0.185%
144	11.166	11.142	11.204	VV	5141	124407	2.73%	0.135%
145	11.215	11.204	11.261	VV	2747	60077	1.32%	0.065%
146	11.269	11.261	11.338	VV	1143	33979	0.74%	0.037%
147	11.350	11.338	11.364	VV	312	4332	0.09%	0.005%
148	11.421	11.364	11.431	VV	770	23537	0.52%	0.025%
149	11.454	11.431	11.476	VV	1428	27232	0.60%	0.029%
150	11.523	11.476	11.556	VV	2867	60453	1.33%	0.065%
151	11.607	11.556	11.660	VV	3553	87822	1.93%	0.095%
152	11.680	11.660	11.697	VV	1036	13813	0.30%	0.015%
153	11.717	11.697	11.767	VV	1191	27052	0.59%	0.029%
154	11.838	11.767	11.875	VV	395757	4561252	100.00%	4.938%
155	11.886	11.875	11.904	VV	4110	60591	1.33%	0.066%
156	11.921	11.904	11.948	VV	3982	78161	1.71%	0.085%
157	11.998	11.948	12.020	VV	4660	126024	2.76%	0.136%
158	12.035	12.020	12.049	VV	2840	41531	0.91%	0.045%
159	12.067	12.049	12.110	VV	3204	64769	1.42%	0.070%
160	12.131	12.110	12.150	VV	1365	19495	0.43%	0.021%
161	12.192	12.150	12.231	VV	3033	65559	1.44%	0.071%
162	12.250	12.231	12.263	VV	545	8833	0.19%	0.010%
163	12.290	12.263	12.342	VV	1456	38125	0.84%	0.041%
164	12.365	12.342	12.420	VV	1318	40437	0.89%	0.044%
165	12.458	12.420	12.479	VV	1620	39103	0.86%	0.042%
166	12.494	12.479	12.528	VV	1591	38589	0.85%	0.042%
167	12.561	12.528	12.590	VV	1672	48456	1.06%	0.052%
168	12.608	12.590	12.651	VV	1685	45577	1.00%	0.049%
169	12.678	12.651	12.727	VV	1760	48215	1.06%	0.052%
170	12.784	12.727	12.808	VV	4210	102329	2.24%	0.111%
171	12.835	12.808	12.874	VV	4506	98849	2.17%	0.107%
172	12.903	12.874	12.981	VV	50008	749722	16.44%	0.812%
173	12.989	12.981	13.021	VV	836	14790	0.32%	0.016%
174	13.052	13.021	13.075	VV	2454	43510	0.95%	0.047%
175	13.093	13.075	13.136	VV	2549	48972	1.07%	0.053%
176	13.160	13.136	13.175	VV	1877	29812	0.65%	0.032%
177	13.202	13.175	13.242	VV	40466	573189	12.57%	0.621%
178	13.283	13.242	13.359	VV	289751	3711981	81.38%	4.019%
179	13.384	13.359	13.427	VV	2009	51839	1.14%	0.056%
180	13.451	13.427	13.468	VV	3012	45717	1.00%	0.049%
181	13.486	13.468	13.514	VV	2665	54005	1.18%	0.058%
182	13.536	13.514	13.568	VV	1445	26639	0.58%	0.029%
183	13.611	13.568	13.643	VV	1238	33848	0.74%	0.037%
184	13.671	13.643	13.737	VV	3086	72757	1.60%	0.079%
185	13.803	13.737	13.847	VV	5311	137448	3.01%	0.149%
186	13.864	13.847	13.887	VV	1248	23266	0.51%	0.025%
187	13.911	13.887	13.928	VV	2789	44783	0.98%	0.048%
188	13.949	13.928	13.968	VV	4005	65946	1.45%	0.071%
189	13.987	13.968	14.012	VV	4421	74520	1.63%	0.081%
190	14.037	14.012	14.055	VV	4269	72705	1.59%	0.079%
191	14.075	14.055	14.100	VV	4258	80808	1.77%	0.087%
192	14.119	14.100	14.164	VV	2797	56006	1.23%	0.061%
193	14.178	14.164	14.198	VV	663	11151	0.24%	0.012%
194	14.248	14.198	14.286	VV	1256	40599	0.89%	0.044%

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195	14.307	14.286	14.355	VV	801	19355	0.42%	0.021%
196	14.399	14.355	14.421	PV	1149	23933	0.52%	0.026%
197	14.472	14.421	14.497	VV	1749	57347	1.26%	0.062%
198	14.513	14.497	14.528	VV	1415	25661	0.56%	0.028%
199	14.561	14.528	14.583	VV	3183	72371	1.59%	0.078%
200	14.601	14.583	14.621	VV	2719	47119	1.03%	0.051%
201	14.641	14.621	14.688	VV	2051	56084	1.23%	0.061%
202	14.723	14.688	14.751	VV	4583	92165	2.02%	0.100%
203	14.778	14.751	14.815	VV	6519	130129	2.85%	0.141%
204	14.841	14.815	14.857	VV	2650	51003	1.12%	0.055%
205	14.881	14.857	14.928	VV	3276	92127	2.02%	0.100%
206	14.935	14.928	14.954	VV	1034	13109	0.29%	0.014%
207	14.973	14.954	15.029	VV	1519	32644	0.72%	0.035%
208	15.059	15.029	15.071	PV	2113	31882	0.70%	0.035%
209	15.094	15.071	15.114	VV	26608	384487	8.43%	0.416%
210	15.134	15.114	15.220	VV	27064	517757	11.35%	0.561%
211	15.253	15.220	15.274	VV	4338	72759	1.60%	0.079%
212	15.291	15.274	15.354	VV	2363	54885	1.20%	0.059%
213	15.442	15.354	15.508	VV	2686	95849	2.10%	0.104%
214	15.544	15.508	15.634	PV	14061	401572	8.80%	0.435%
215	15.663	15.634	15.701	VV	2299	56928	1.25%	0.062%
216	15.726	15.701	15.748	VV	4341	62870	1.38%	0.068%
217	15.772	15.748	15.797	VV	5311	92619	2.03%	0.100%
218	15.810	15.797	15.844	VV	2558	48678	1.07%	0.053%
219	15.867	15.844	15.887	VV	1301	26147	0.57%	0.028%
220	15.924	15.887	15.984	VV	3137	116849	2.56%	0.127%
221	16.000	15.984	16.040	VV	1523	35379	0.78%	0.038%
222	16.061	16.040	16.078	VV	725	13579	0.30%	0.015%
223	16.106	16.078	16.144	VV	1099	30348	0.67%	0.033%
224	16.169	16.144	16.217	VV	2312	68121	1.49%	0.074%
225	16.232	16.217	16.263	VV	1395	25986	0.57%	0.028%
226	16.299	16.263	16.314	VV	567	12486	0.27%	0.014%
227	16.365	16.314	16.394	PV	2119	39486	0.87%	0.043%
228	16.458	16.394	16.494	PV	4810	120881	2.65%	0.131%
229	16.529	16.494	16.536	VV	1456	29048	0.64%	0.031%
230	16.566	16.536	16.598	VV	3183	81855	1.79%	0.089%
231	16.660	16.598	16.756	VV	37038	891734	19.55%	0.965%
232	16.795	16.756	16.848	VV	7424	170586	3.74%	0.185%
233	16.855	16.848	16.878	VV	1398	15190	0.33%	0.016%
234	16.939	16.878	16.957	PV	3743	71646	1.57%	0.078%
235	16.984	16.957	17.019	VV	22087	335903	7.36%	0.364%
236	17.047	17.019	17.101	VV	25101	448050	9.82%	0.485%
237	17.149	17.101	17.181	VV	8338	210764	4.62%	0.228%
238	17.193	17.181	17.208	VV	1860	21907	0.48%	0.024%
239	17.233	17.208	17.257	VV	893	20236	0.44%	0.022%
240	17.294	17.257	17.307	VV	2888	50097	1.10%	0.054%
241	17.320	17.307	17.331	VV	2116	28951	0.63%	0.031%
242	17.353	17.331	17.371	VV	3517	52158	1.14%	0.056%
243	17.437	17.371	17.473	VV	3796	142577	3.13%	0.154%
244	17.570	17.473	17.615	VV	4819	257451	5.64%	0.279%
245	17.635	17.615	17.651	VV	3881	55026	1.21%	0.060%
246	17.673	17.651	17.695	VV	4596	88763	1.95%	0.096%

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247	17.738	17.695	17.750	VV	3157	93064	2.04%	0.101%
248	17.762	17.750	17.794	VV	3162	52241	1.15%	0.057%
249	17.801	17.794	17.811	VV	1191	7649	0.17%	0.008%
250	17.848	17.811	17.868	PV	2595	58038	1.27%	0.063%
251	17.904	17.868	17.928	VV	4351	95857	2.10%	0.104%
252	18.004	17.928	18.028	VV	9516	307569	6.74%	0.333%
253	18.044	18.028	18.074	VV	4822	97594	2.14%	0.106%
254	18.144	18.074	18.168	VV	12378	357891	7.85%	0.387%
255	18.179	18.168	18.214	VV	9388	218253	4.78%	0.236%
256	18.232	18.214	18.258	VV	7412	168874	3.70%	0.183%
257	18.275	18.258	18.294	VV	5225	106341	2.33%	0.115%
258	18.336	18.294	18.366	VV	14109	415041	9.10%	0.449%
259	18.389	18.366	18.407	VV	11495	250083	5.48%	0.271%
260	18.434	18.407	18.463	VV	26581	585175	12.83%	0.634%
261	18.473	18.463	18.492	VV	13615	218901	4.80%	0.237%
262	18.512	18.492	18.553	VV	15642	409765	8.98%	0.444%
263	18.596	18.553	18.619	VV	11440	385932	8.46%	0.418%
264	18.630	18.619	18.651	VV	8180	153218	3.36%	0.166%
265	18.688	18.651	18.744	VV	26983	753996	16.53%	0.816%
266	18.833	18.744	18.874	VV	16433	747814	16.39%	0.810%
267	18.936	18.874	18.958	VV	15022	483293	10.60%	0.523%
268	18.986	18.958	19.052	VV	14833	644460	14.13%	0.698%
269	19.112	19.052	19.134	VV	14120	572605	12.55%	0.620%
270	19.217	19.134	19.239	VV	21915	958070	21.00%	1.037%
271	19.265	19.239	19.308	VV	20534	743803	16.31%	0.805%
272	19.332	19.308	19.351	VV	18174	434820	9.53%	0.471%
273	19.385	19.351	19.406	VV	19100	589449	12.92%	0.638%
274	19.489	19.406	19.504	VV	20911	1127570	24.72%	1.221%
275	19.653	19.504	19.672	VV	23925	2210041	48.45%	2.393%
276	19.748	19.672	19.768	VV	27396	1411595	30.95%	1.528%
277	19.869	19.768	19.900	VV	34352	2317682	50.81%	2.509%
278	19.931	19.900	19.944	VV	34623	875058	19.18%	0.947%
279	19.975	19.944	19.985	VV	35472	835668	18.32%	0.905%
280	19.996	19.985	20.028	VV	35343	874915	19.18%	0.947%
281	20.060	20.028	20.088	VV	34561	1224343	26.84%	1.325%
282	20.152	20.088	20.178	VV	36304	1862033	40.82%	2.016%
283	20.199	20.178	20.207	VV	36072	620013	13.59%	0.671%
284	20.265	20.207	20.301	VV	45817	2327270	51.02%	2.520%
285	20.382	20.301	20.390	VV	45545	2327867	51.04%	2.520%
286	20.422	20.390	20.444	VV	46466	1490587	32.68%	1.614%
287	20.535	20.444	20.544	VV	52744	2928172	64.20%	3.170%
288	20.564	20.544	20.574	VV	53036	941577	20.64%	1.019%
289	20.603	20.574	20.635	VV	53821	1919741	42.09%	2.078%
290	20.655	20.635	20.665	VV	53561	978020	21.44%	1.059%
291	20.685	20.665	20.706	VV	54320	1319172	28.92%	1.428%
292	20.770	20.706	20.798	VV	55474	2990272	65.56%	3.237%
293	20.830	20.798	20.853	VV	58278	1870498	41.01%	2.025%
294	20.887	20.853	20.911	VV	56378	1928110	42.27%	2.087%
295	20.926	20.911	20.991	VV	55047	2483497	54.45%	2.689%
296	20.997	20.991	21.017	VV	49248	767242	16.82%	0.831%
297	21.031	21.017	21.038	VV	47660	577714	12.67%	0.625%
298	21.065	21.038	21.080	VV	48126	1208702	26.50%	1.309%
299	21.096	21.080	21.124	VV	48085	1258903	27.60%	1.363%

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300	21.161	21.124	21.266	VV	46891	3721826	81.60%	4.029%
301	21.314	21.266	21.336	VV	41831	1718538	37.68%	1.861%
302	21.408	21.336	21.438	VV	42087	2486994	54.52%	2.692%
303	21.452	21.438	21.475	VV	39202	875528	19.19%	0.948%
304	21.490	21.475	21.644	VV	38550	3364791	73.77%	3.643%
305	21.672	21.644	21.687	VV	29960	770408	16.89%	0.834%
306	21.720	21.687	21.738	VV	31175	917888	20.12%	0.994%
307	21.741	21.738	21.752	VV	30273	250872	5.50%	0.272%
308	21.762	21.752	21.771	VV	29929	343681	7.53%	0.372%
309	21.783	21.771	21.856	VV	29685	1416823	31.06%	1.534%
310	21.868	21.856	21.891	VV	25652	534344	11.71%	0.578%
311	21.907	21.891	21.919	VV	24128	397214	8.71%	0.430%
312	21.923	21.919	21.941	VV	22953	293231	6.43%	0.317%
313	21.952	21.941	21.981	VV	22202	498679	10.93%	0.540%
314	21.997	21.981	22.030	VV	20665	582037	12.76%	0.630%
315	22.048	22.030	22.108	VV	19192	790446	17.33%	0.856%
316	22.153	22.108	22.231	VV	16074	1101248	24.14%	1.192%
317	22.240	22.231	22.283	VV	13973	384902	8.44%	0.417%
318	22.295	22.283	22.324	VV	10796	233232	5.11%	0.253%
319	22.340	22.324	22.368	VV	8449	196212	4.30%	0.212%
320	22.381	22.368	22.394	VV	6481	96668	2.12%	0.105%
321	22.405	22.394	22.447	VV	5973	169306	3.71%	0.183%
322	22.476	22.447	22.534	VV	5568	191087	4.19%	0.207%
323	22.542	22.534	22.571	VV	1609	20961	0.46%	0.023%
			Sum of corrected areas:			92368484		

Aliphatic EPH 051425.M Wed Jun 04 04:39:09 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054164.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 21:27
Operator : YP\AJ
Sample : Q2179-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
D5

Integration File: autoint1.e
Quant Time: Jun 04 02:55:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 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)	11.837	4492472	27.644 ug/ml
Spiked Amount 50.000		Recovery =	55.29%
12) S 1-chlorooctadecane (S...	13.282	3574630	30.153 ug/ml
Spiked Amount 50.000		Recovery =	60.31%
Target Compounds			

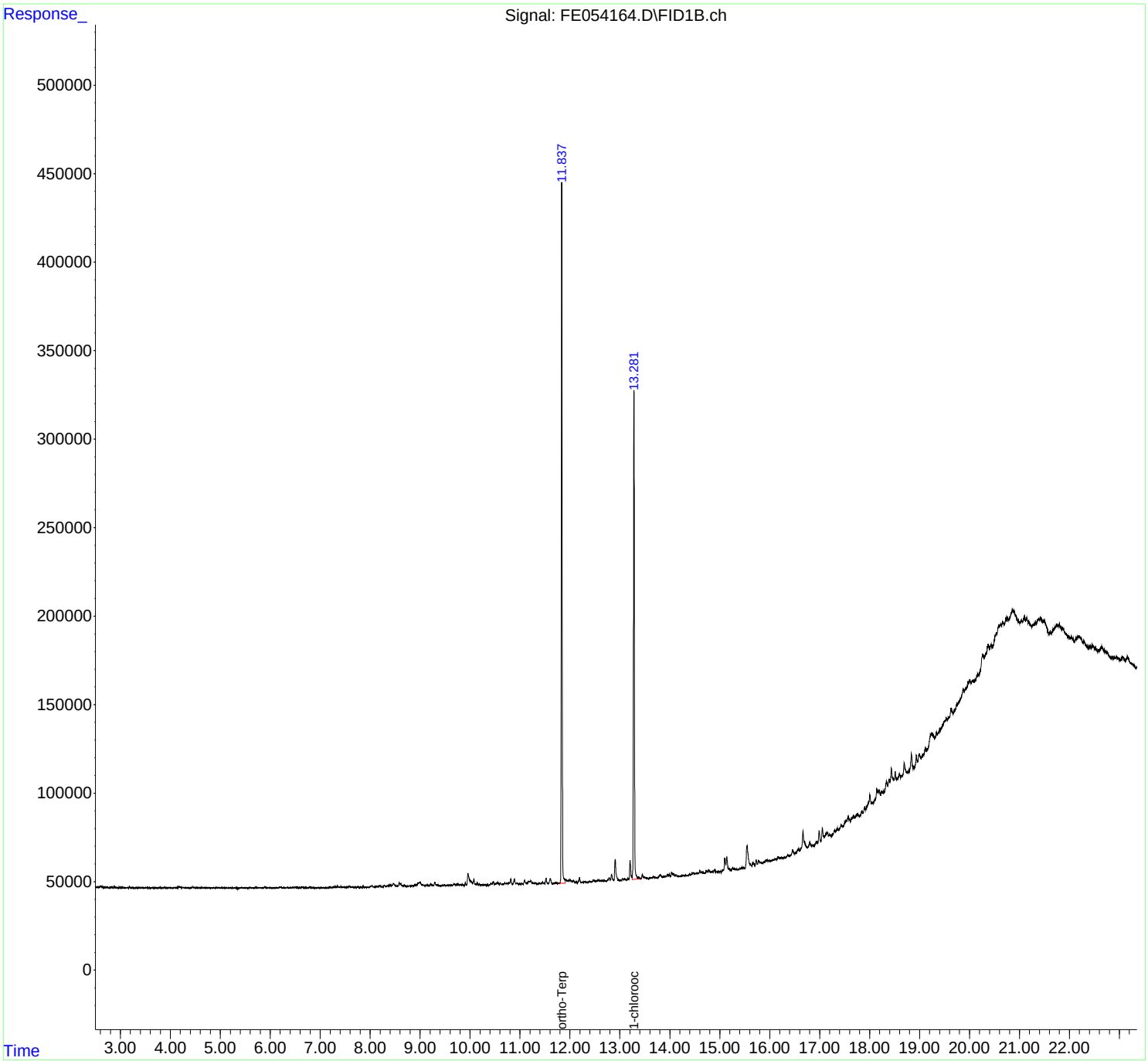
(f)=RT Delta > 1/2 Window (m)=manual int.

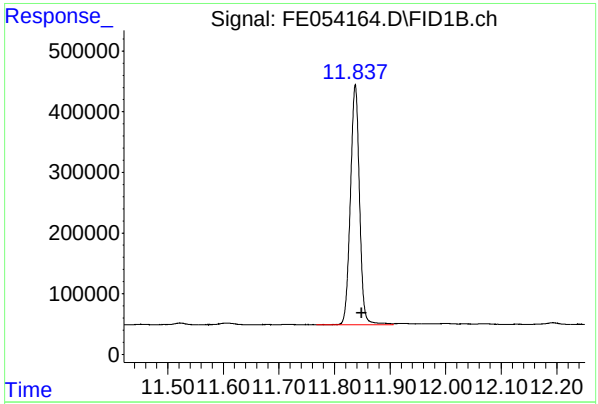
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054164.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 21:27
Operator : YP\AJ
Sample : Q2179-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
D5

Integration File: autoint1.e
Quant Time: Jun 04 02:55:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

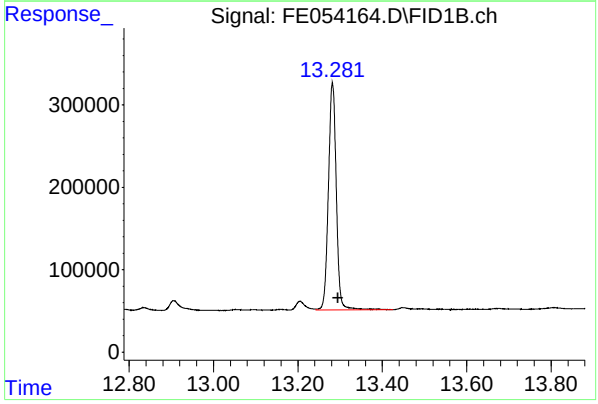




#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.011 min
Response: 4492472
Conc: 27.64 ug/ml

Instrument :
FID_E
ClientSampleId :
D5



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.013 min
Response: 3574630
Conc: 30.15 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054164.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 21:27
Sample : Q2179-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.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	2.817	2.804	2.853	PH	193	2757	0.06%	0.003%
2	2.878	2.853	2.944	PV	389	4726	0.10%	0.006%
3	2.959	2.944	2.978	VV	121	1424	0.03%	0.002%
4	2.984	2.978	3.016	VV	70	978	0.02%	0.001%
5	3.025	3.016	3.031	PV	69	348	0.01%	0.000%
6	3.041	3.031	3.104	VV	105	1485	0.03%	0.002%
7	3.147	3.104	3.159	VV	115	1577	0.03%	0.002%
8	3.183	3.159	3.241	PV	712	11505	0.24%	0.014%
9	3.249	3.241	3.275	VV	94	1091	0.02%	0.001%
10	3.302	3.275	3.349	PV	135	2970	0.06%	0.004%
11	3.358	3.349	3.394	PV	83	1456	0.03%	0.002%
12	3.423	3.394	3.474	VV	228	4640	0.10%	0.006%
13	3.497	3.474	3.511	VV	170	2229	0.05%	0.003%
14	3.520	3.511	3.565	VV	143	2387	0.05%	0.003%
15	3.577	3.565	3.621	VV	95	1526	0.03%	0.002%
16	3.643	3.621	3.670	PV	162	2987	0.06%	0.004%
17	3.681	3.670	3.704	VV	113	1551	0.03%	0.002%
18	3.708	3.704	3.736	VV	119	1208	0.03%	0.001%
19	3.778	3.736	3.855	VV	387	10280	0.21%	0.012%
20	3.875	3.855	3.902	PV	346	4485	0.09%	0.005%
21	3.910	3.902	3.934	VV	171	1491	0.03%	0.002%
22	3.981	3.934	4.004	VV	268	5498	0.11%	0.007%
23	4.018	4.004	4.044	VV	194	2708	0.06%	0.003%
24	4.092	4.044	4.110	VV	299	6896	0.14%	0.008%
25	4.125	4.110	4.140	VV	282	4550	0.09%	0.005%
26	4.172	4.140	4.228	VV	934	23654	0.49%	0.028%
27	4.240	4.228	4.295	VV	412	11537	0.24%	0.014%
28	4.307	4.295	4.378	VV	223	9246	0.19%	0.011%
29	4.382	4.378	4.419	VV	208	3779	0.08%	0.005%
30	4.447	4.419	4.469	VV	737	12214	0.25%	0.015%
31	4.488	4.469	4.505	VV	460	5915	0.12%	0.007%
32	4.527	4.505	4.554	VV	220	4775	0.10%	0.006%
33	4.569	4.554	4.608	VV	182	4623	0.10%	0.006%
34	4.626	4.608	4.687	VV	315	8531	0.18%	0.010%
35	4.703	4.687	4.801	VV	278	10817	0.22%	0.013%
36	4.810	4.801	4.821	VV	125	1416	0.03%	0.002%

rteres

37	4.829	4.821	4.850	VV	96	1683	0.03%	0.002%
38	4.876	4.850	4.891	VV	259	4531	0.09%	0.005%
39	4.951	4.891	5.014	VV	380	17206	0.36%	0.021%
40	5.026	5.014	5.051	VV	203	3643	0.08%	0.004%
41	5.059	5.051	5.071	VV	139	1488	0.03%	0.002%
42	5.082	5.071	5.095	VV	168	1615	0.03%	0.002%
43	5.118	5.095	5.138	VV	195	3619	0.08%	0.004%
44	5.158	5.138	5.178	VV	233	3578	0.07%	0.004%
45	5.200	5.178	5.227	VV	199	3439	0.07%	0.004%
46	5.242	5.227	5.268	VV	162	2920	0.06%	0.004%
47	5.273	5.268	5.322	VV	195	2527	0.05%	0.003%
48	5.334	5.322	5.359	VV	214	1621	0.03%	0.002%
49	5.431	5.359	5.458	VV	305	10671	0.22%	0.013%
50	5.471	5.458	5.528	VV	201	5136	0.11%	0.006%
51	5.538	5.528	5.561	VV	95	1241	0.03%	0.001%
52	5.594	5.561	5.681	PV	691	14223	0.30%	0.017%
53	5.710	5.681	5.748	VV	307	9383	0.19%	0.011%
54	5.763	5.748	5.778	VV	205	3354	0.07%	0.004%
55	5.783	5.778	5.788	VV	249	1320	0.03%	0.002%
56	5.795	5.788	5.841	VV	280	5986	0.12%	0.007%
57	5.844	5.841	5.850	VV	188	898	0.02%	0.001%
58	5.881	5.850	5.974	VV	491	22312	0.46%	0.027%
59	5.982	5.974	6.032	VV	332	6925	0.14%	0.008%
60	6.042	6.032	6.054	VV	133	1442	0.03%	0.002%
61	6.073	6.054	6.104	VV	210	3745	0.08%	0.004%
62	6.118	6.104	6.151	VV	218	3502	0.07%	0.004%
63	6.184	6.151	6.254	VV	481	19175	0.40%	0.023%
64	6.274	6.254	6.295	VV	302	5207	0.11%	0.006%
65	6.340	6.295	6.381	VV	497	14669	0.30%	0.018%
66	6.395	6.381	6.404	VV	278	2827	0.06%	0.003%
67	6.412	6.404	6.417	VV	232	1676	0.03%	0.002%
68	6.440	6.417	6.464	VV	256	6451	0.13%	0.008%
69	6.495	6.464	6.504	VV	380	7027	0.15%	0.008%
70	6.522	6.504	6.574	VV	427	12780	0.27%	0.015%
71	6.588	6.574	6.611	VV	297	5251	0.11%	0.006%
72	6.630	6.611	6.689	VV	699	16158	0.34%	0.019%
73	6.707	6.689	6.734	VV	264	5339	0.11%	0.006%
74	6.744	6.734	6.758	VV	175	2116	0.04%	0.003%
75	6.782	6.758	6.804	VV	463	7836	0.16%	0.009%
76	6.821	6.804	6.896	VV	206	6903	0.14%	0.008%
77	6.916	6.896	6.944	VV	213	3313	0.07%	0.004%
78	6.954	6.944	7.003	VV	191	3653	0.08%	0.004%
79	7.034	7.003	7.070	PV	202	4605	0.10%	0.006%
80	7.081	7.070	7.104	VV	146	1922	0.04%	0.002%
81	7.159	7.104	7.181	VV	241	6686	0.14%	0.008%
82	7.204	7.181	7.234	VV	369	6351	0.13%	0.008%
83	7.252	7.234	7.261	VV	355	3901	0.08%	0.005%
84	7.311	7.261	7.333	VV	625	21736	0.45%	0.026%
85	7.351	7.333	7.391	VV	939	18105	0.38%	0.022%
86	7.412	7.391	7.437	VV	648	12327	0.26%	0.015%
87	7.454	7.437	7.504	VV	352	12651	0.26%	0.015%
88	7.525	7.504	7.538	VV	325	5943	0.12%	0.007%
89	7.581	7.538	7.632	VV	1060	28733	0.60%	0.034%

rteres

90	7.648	7.632	7.701	VV	503	11370	0.24%	0.014%
91	7.707	7.701	7.734	VV	208	3210	0.07%	0.004%
92	7.754	7.734	7.790	VV	410	7866	0.16%	0.009%
93	7.810	7.790	7.833	VV	145	2149	0.04%	0.003%
94	7.862	7.833	7.902	PV	647	10565	0.22%	0.013%
95	7.916	7.902	7.934	VV	246	3165	0.07%	0.004%
96	7.949	7.934	7.981	VV	222	3546	0.07%	0.004%
97	8.007	7.981	8.017	VV	514	7357	0.15%	0.009%
98	8.035	8.017	8.094	VV	1029	22903	0.48%	0.027%
99	8.105	8.094	8.128	VV	351	5966	0.12%	0.007%
100	8.154	8.128	8.168	VV	414	7461	0.15%	0.009%
101	8.189	8.168	8.238	VV	826	20877	0.43%	0.025%
102	8.282	8.238	8.312	VV	1177	24713	0.51%	0.030%
103	8.331	8.312	8.341	VV	720	10534	0.22%	0.013%
104	8.348	8.341	8.354	VV	635	4517	0.09%	0.005%
105	8.389	8.354	8.409	VV	970	27395	0.57%	0.033%
106	8.465	8.409	8.547	VV	2059	79972	1.66%	0.096%
107	8.581	8.547	8.600	VV	2188	43062	0.89%	0.052%
108	8.612	8.600	8.663	VV	1870	41105	0.85%	0.049%
109	8.679	8.663	8.698	VV	571	10832	0.22%	0.013%
110	8.710	8.698	8.774	VV	573	15352	0.32%	0.018%
111	8.793	8.774	8.808	VV	412	5954	0.12%	0.007%
112	8.847	8.808	8.863	VV	620	13297	0.28%	0.016%
113	8.914	8.863	8.930	VV	1174	32016	0.66%	0.038%
114	8.980	8.930	8.991	VV	2228	61405	1.27%	0.074%
115	9.005	8.991	9.068	VV	2644	60155	1.25%	0.072%
116	9.078	9.068	9.097	VV	718	10540	0.22%	0.013%
117	9.121	9.097	9.131	VV	576	10867	0.23%	0.013%
118	9.151	9.131	9.172	VV	705	14354	0.30%	0.017%
119	9.211	9.172	9.274	VV	1144	42402	0.88%	0.051%
120	9.295	9.274	9.357	VV	2315	48751	1.01%	0.058%
121	9.375	9.357	9.403	VV	476	9256	0.19%	0.011%
122	9.446	9.403	9.458	VV	443	9068	0.19%	0.011%
123	9.488	9.458	9.511	VV	547	11926	0.25%	0.014%
124	9.537	9.511	9.558	VV	386	9078	0.19%	0.011%
125	9.582	9.558	9.611	VV	561	12922	0.27%	0.015%
126	9.625	9.611	9.644	VV	394	5940	0.12%	0.007%
127	9.677	9.644	9.723	VV	972	29525	0.61%	0.035%
128	9.749	9.723	9.781	VV	856	19578	0.41%	0.023%
129	9.828	9.781	9.844	VV	558	16873	0.35%	0.020%
130	9.852	9.844	9.881	VV	479	6822	0.14%	0.008%
131	9.906	9.881	9.926	VV	1763	21320	0.44%	0.026%
132	9.959	9.926	10.054	VV	6805	224677	4.66%	0.269%
133	10.076	10.054	10.121	VV	3539	66885	1.39%	0.080%
134	10.143	10.121	10.167	VV	1237	22758	0.47%	0.027%
135	10.183	10.167	10.214	VV	658	11456	0.24%	0.014%
136	10.247	10.214	10.324	VV	260	8522	0.18%	0.010%
137	10.346	10.324	10.370	PV	190	2422	0.05%	0.003%
138	10.419	10.370	10.437	PV	936	15253	0.32%	0.018%
139	10.465	10.437	10.492	VV	1982	33624	0.70%	0.040%
140	10.552	10.492	10.588	VV	1329	48528	1.01%	0.058%
141	10.608	10.588	10.631	VV	994	16761	0.35%	0.020%

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142	10.697	10.631	10.715	VV	1024	28456	0.59%	0.034%
143	10.741	10.715	10.761	VV	937	19981	0.41%	0.024%
144	10.782	10.761	10.791	VV	967	14766	0.31%	0.018%
145	10.817	10.791	10.857	VV	3250	56524	1.17%	0.068%
146	10.887	10.857	10.925	VV	3247	57990	1.20%	0.070%
147	10.945	10.925	10.992	VV	724	15959	0.33%	0.019%
148	11.035	10.992	11.060	VV	447	9409	0.20%	0.011%
149	11.091	11.060	11.124	VV	1949	39639	0.82%	0.048%
150	11.171	11.124	11.201	VV	1661	54697	1.13%	0.066%
151	11.216	11.201	11.253	VV	1886	39838	0.83%	0.048%
152	11.270	11.253	11.313	VV	704	19191	0.40%	0.023%
153	11.325	11.313	11.360	VV	412	6141	0.13%	0.007%
154	11.392	11.360	11.408	PV	322	5957	0.12%	0.007%
155	11.453	11.408	11.480	VV	934	19687	0.41%	0.024%
156	11.522	11.480	11.556	VV	3103	50489	1.05%	0.061%
157	11.607	11.556	11.657	VV	2847	58020	1.20%	0.070%
158	11.679	11.657	11.696	PV	488	4827	0.10%	0.006%
159	11.717	11.696	11.740	VV	599	7529	0.16%	0.009%
160	11.760	11.740	11.778	VV	199	2664	0.06%	0.003%
161	11.837	11.778	11.904	VV	396389	4499637	93.34%	5.393%
162	11.925	11.904	11.945	VV	1961	40147	0.83%	0.048%
163	12.000	11.945	12.022	VV	1899	66121	1.37%	0.079%
164	12.034	12.022	12.051	VV	1221	17436	0.36%	0.021%
165	12.069	12.051	12.108	VV	1263	26084	0.54%	0.031%
166	12.129	12.108	12.151	VV	522	6815	0.14%	0.008%
167	12.193	12.151	12.226	VV	3006	48484	1.01%	0.058%
168	12.244	12.226	12.266	VV	272	4918	0.10%	0.006%
169	12.288	12.266	12.350	VV	593	12521	0.26%	0.015%
170	12.387	12.350	12.418	PV	553	10754	0.22%	0.013%
171	12.464	12.418	12.522	VV	835	33147	0.69%	0.040%
172	12.564	12.522	12.594	VV	1120	31241	0.65%	0.037%
173	12.608	12.594	12.625	VV	781	11396	0.24%	0.014%
174	12.681	12.625	12.728	VV	610	29344	0.61%	0.035%
175	12.787	12.728	12.808	VV	1914	46233	0.96%	0.055%
176	12.835	12.808	12.876	VV	3785	67417	1.40%	0.081%
177	12.906	12.876	13.021	VV	12236	227098	4.71%	0.272%
178	13.054	13.021	13.077	PV	985	17674	0.37%	0.021%
179	13.094	13.077	13.121	VV	833	13668	0.28%	0.016%
180	13.127	13.121	13.136	VV	386	2612	0.05%	0.003%
181	13.160	13.136	13.179	VV	1043	14993	0.31%	0.018%
182	13.205	13.179	13.243	VV	10958	169570	3.52%	0.203%
183	13.282	13.243	13.424	VV	276243	3600405	74.68%	4.316%
184	13.450	13.424	13.481	VV	2587	46549	0.97%	0.056%
185	13.491	13.481	13.521	VV	1058	19429	0.40%	0.023%
186	13.537	13.521	13.569	VV	570	10937	0.23%	0.013%
187	13.607	13.569	13.642	VV	419	11037	0.23%	0.013%
188	13.675	13.642	13.735	VV	1172	30349	0.63%	0.036%
189	13.806	13.735	13.847	VV	1952	52970	1.10%	0.063%
190	13.880	13.847	13.894	VV	606	14014	0.29%	0.017%
191	13.916	13.894	13.934	VV	961	16451	0.34%	0.020%
192	13.953	13.934	13.971	VV	1494	24848	0.52%	0.030%
193	13.987	13.971	14.010	VV	1749	26769	0.56%	0.032%
194	14.036	14.010	14.059	VV	2777	47897	0.99%	0.057%

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195	14.077	14.059	14.104	VV	1954	35002	0.73%	0.042%
196	14.121	14.104	14.217	VV	1096	27592	0.57%	0.033%
197	14.244	14.217	14.292	PV	517	14647	0.30%	0.018%
198	14.304	14.292	14.321	VV	301	3882	0.08%	0.005%
199	14.334	14.321	14.346	VV	185	1910	0.04%	0.002%
200	14.400	14.346	14.421	VV	855	14944	0.31%	0.018%
201	14.473	14.421	14.494	VV	1263	38286	0.79%	0.046%
202	14.509	14.494	14.521	VV	766	11439	0.24%	0.014%
203	14.539	14.521	14.558	VV	932	17285	0.36%	0.021%
204	14.601	14.558	14.623	VV	2039	43430	0.90%	0.052%
205	14.653	14.623	14.681	VV	1214	30637	0.64%	0.037%
206	14.738	14.681	14.758	VV	1363	39252	0.81%	0.047%
207	14.781	14.758	14.822	VV	2019	45404	0.94%	0.054%
208	14.845	14.822	14.867	VV	959	19398	0.40%	0.023%
209	14.892	14.867	14.934	VV	1807	37548	0.78%	0.045%
210	14.946	14.934	14.964	VV	416	5492	0.11%	0.007%
211	14.979	14.964	15.031	VV	548	11744	0.24%	0.014%
212	15.061	15.031	15.074	PV	989	14816	0.31%	0.018%
213	15.099	15.074	15.119	VV	7608	119766	2.48%	0.144%
214	15.139	15.119	15.212	VV	8056	174768	3.63%	0.209%
215	15.256	15.212	15.277	VV	1469	28576	0.59%	0.034%
216	15.295	15.277	15.361	VV	805	21441	0.44%	0.026%
217	15.450	15.361	15.496	PV	790	31946	0.66%	0.038%
218	15.544	15.496	15.638	PV	12477	356156	7.39%	0.427%
219	15.663	15.638	15.700	VV	2002	43972	0.91%	0.053%
220	15.728	15.700	15.753	VV	3229	48697	1.01%	0.058%
221	15.778	15.753	15.851	VV	2270	67879	1.41%	0.081%
222	15.877	15.851	15.894	VV	887	16344	0.34%	0.020%
223	15.929	15.894	15.941	VV	1507	32170	0.67%	0.039%
224	15.955	15.941	15.982	VV	1153	25312	0.53%	0.030%
225	16.001	15.982	16.024	VV	808	16302	0.34%	0.020%
226	16.127	16.024	16.141	VV	746	43041	0.89%	0.052%
227	16.169	16.141	16.211	VV	1849	41821	0.87%	0.050%
228	16.234	16.211	16.255	VV	793	15827	0.33%	0.019%
229	16.297	16.255	16.316	VV	607	13954	0.29%	0.017%
230	16.369	16.316	16.390	PV	1073	25577	0.53%	0.031%
231	16.457	16.390	16.491	VV	2991	68995	1.43%	0.083%
232	16.507	16.491	16.521	VV	568	7933	0.16%	0.010%
233	16.564	16.521	16.601	VV	2121	60011	1.24%	0.072%
234	16.664	16.601	16.754	VV	11089	342060	7.10%	0.410%
235	16.800	16.754	16.831	VV	3265	79563	1.65%	0.095%
236	16.846	16.831	16.886	VV	1048	22848	0.47%	0.027%
237	16.938	16.886	16.961	PV	1812	40689	0.84%	0.049%
238	16.988	16.961	17.028	VV	6801	115212	2.39%	0.138%
239	17.052	17.028	17.098	VV	7410	144173	2.99%	0.173%
240	17.155	17.098	17.180	VV	2985	111559	2.31%	0.134%
241	17.195	17.180	17.215	VV	968	12471	0.26%	0.015%
242	17.296	17.215	17.325	PV	1389	26646	0.55%	0.032%
243	17.352	17.325	17.384	VV	1620	33584	0.70%	0.040%
244	17.435	17.384	17.470	PV	2061	56450	1.17%	0.068%
245	17.570	17.470	17.614	VV	4610	187222	3.88%	0.224%
246	17.635	17.614	17.651	VV	1799	29880	0.62%	0.036%

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247	17.679	17.651	17.708	VV	2451	55779	1.16%	0.067%
248	17.762	17.708	17.791	VV	2084	71168	1.48%	0.085%
249	17.846	17.791	17.869	PV	1539	32385	0.67%	0.039%
250	17.901	17.869	17.916	VV	3301	51026	1.06%	0.061%
251	18.003	17.916	18.044	VV	7916	282066	5.85%	0.338%
252	18.048	18.044	18.071	VV	2919	38276	0.79%	0.046%
253	18.142	18.071	18.158	VV	8730	234192	4.86%	0.281%
254	18.176	18.158	18.217	VV	7296	215945	4.48%	0.259%
255	18.237	18.217	18.259	VV	5404	118252	2.45%	0.142%
256	18.272	18.259	18.290	VV	4752	79077	1.64%	0.095%
257	18.339	18.290	18.360	VV	8688	271334	5.63%	0.325%
258	18.393	18.360	18.411	VV	9202	242035	5.02%	0.290%
259	18.434	18.411	18.462	VV	14675	331139	6.87%	0.397%
260	18.472	18.462	18.490	VV	7919	130011	2.70%	0.156%
261	18.511	18.490	18.534	VV	11193	220804	4.58%	0.265%
262	18.552	18.534	18.561	VV	6819	106721	2.21%	0.128%
263	18.599	18.561	18.617	VV	7916	234877	4.87%	0.282%
264	18.691	18.617	18.741	VV	12677	585623	12.15%	0.702%
265	18.750	18.741	18.759	VV	6388	66349	1.38%	0.080%
266	18.836	18.759	18.871	VV	14955	561482	11.65%	0.673%
267	18.886	18.871	18.897	VV	6667	96521	2.00%	0.116%
268	18.935	18.897	18.961	VV	12352	338036	7.01%	0.405%
269	18.991	18.961	19.026	VV	11996	393893	8.17%	0.472%
270	19.115	19.026	19.134	VV	12848	672870	13.96%	0.807%
271	19.152	19.134	19.160	VV	11715	171649	3.56%	0.206%
272	19.236	19.160	19.255	VV	18534	905244	18.78%	1.085%
273	19.264	19.255	19.299	VV	18228	438487	9.10%	0.526%
274	19.335	19.299	19.352	VV	17215	498016	10.33%	0.597%
275	19.376	19.352	19.386	VV	16697	335136	6.95%	0.402%
276	19.458	19.386	19.466	VV	18956	852830	17.69%	1.022%
277	19.536	19.466	19.560	VV	21558	1139815	23.64%	1.366%
278	19.585	19.560	19.593	VV	21308	410710	8.52%	0.492%
279	19.628	19.593	19.681	VV	25224	1201769	24.93%	1.440%
280	19.703	19.681	19.710	VV	22838	395892	8.21%	0.475%
281	19.746	19.710	19.756	VV	25352	655036	13.59%	0.785%
282	19.872	19.756	19.898	VV	31534	2349048	48.73%	2.816%
283	20.002	19.898	20.034	VV	34073	2603438	54.00%	3.121%
284	20.068	20.034	20.090	VV	32499	1076222	22.32%	1.290%
285	20.105	20.090	20.123	VV	32052	622199	12.91%	0.746%
286	20.171	20.123	20.178	VV	33694	1096316	22.74%	1.314%
287	20.259	20.178	20.295	VV	43086	2683641	55.67%	3.217%
288	20.370	20.295	20.404	VV	46881	2879679	59.73%	3.452%
289	20.426	20.404	20.446	VV	45874	1130434	23.45%	1.355%
290	20.459	20.446	20.468	VV	44447	563195	11.68%	0.675%
291	20.594	20.468	20.603	VV	53197	4026099	83.51%	4.826%
292	20.632	20.603	20.641	VV	52966	1198606	24.86%	1.437%
293	20.663	20.641	20.697	VV	53411	1782685	36.98%	2.137%
294	20.725	20.697	20.747	VV	54878	1590030	32.98%	1.906%
295	20.761	20.747	20.778	VV	54701	989010	20.52%	1.185%
296	20.861	20.778	20.925	VV	56580	4820822	100.00%	5.778%
297	20.933	20.925	20.968	VV	52307	1325589	27.50%	1.589%
298	20.977	20.968	21.016	VV	48493	1363403	28.28%	1.634%
299	21.041	21.016	21.053	VV	47048	1046308	21.70%	1.254%

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300	21.099	21.053	21.121	VV	48730	1898685	39.39%	2.276%
301	21.143	21.121	21.248	VV	47146	3310995	68.68%	3.969%
302	21.324	21.248	21.338	VV	40775	2187075	45.37%	2.621%
303	21.381	21.338	21.397	VV	41837	1449877	30.08%	1.738%
304	21.419	21.397	21.468	VV	41336	1700877	35.28%	2.039%
305	21.486	21.468	21.583	VV	38688	2410608	50.00%	2.889%
306	21.614	21.583	21.639	VV	29607	979334	20.31%	1.174%
307	21.747	21.639	21.771	VV	31417	2391698	49.61%	2.867%
308	21.797	21.771	21.831	VV	30327	1055688	21.90%	1.265%
309	21.836	21.831	21.922	VV	28305	1399963	29.04%	1.678%
310	21.934	21.922	21.978	VV	22516	708668	14.70%	0.849%
311	21.986	21.978	22.016	VV	20211	437682	9.08%	0.525%
312	22.035	22.016	22.091	VV	18714	787355	16.33%	0.944%
313	22.136	22.091	22.151	VV	16223	558692	11.59%	0.670%
314	22.179	22.151	22.218	VV	16341	629376	13.06%	0.754%
315	22.226	22.218	22.265	VV	14864	372861	7.73%	0.447%
316	22.288	22.265	22.388	VV	11461	629035	13.05%	0.754%
317	22.412	22.388	22.436	VV	5909	163520	3.39%	0.196%
318	22.457	22.436	22.471	VV	5799	111075	2.30%	0.133%
319	22.476	22.471	22.517	VV	5136	101392	2.10%	0.122%
320	22.527	22.517	22.562	VV	2734	43944	0.91%	0.053%
321	22.575	22.562	22.588	VV	615	5652	0.12%	0.007%

Sum of corrected areas: 83428968

Aliphatic EPH 051425.M Wed Jun 04 04:39:36 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054165.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 21:57
Operator : YP\AJ
Sample : Q2179-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
D6

Integration File: autoint1.e
Quant Time: Jun 04 02:55:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 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)	11.838	5254557	32.333 ug/ml
Spiked Amount 50.000		Recovery =	64.67%
12) S 1-chlorooctadecane (S...	13.283	4213897	35.545 ug/ml
Spiked Amount 50.000		Recovery =	71.09%
Target Compounds			

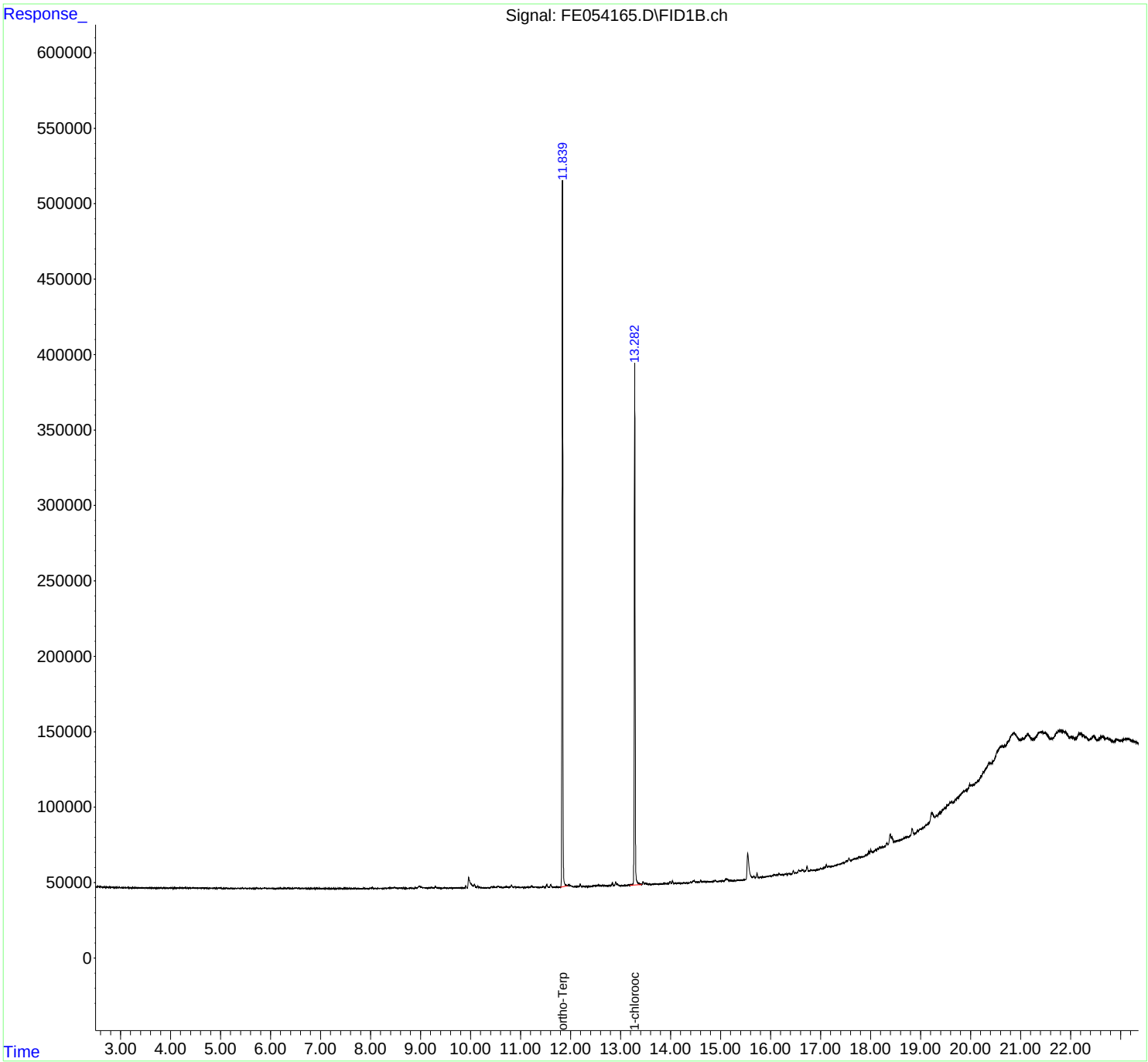
(f)=RT Delta > 1/2 Window (m)=manual int.

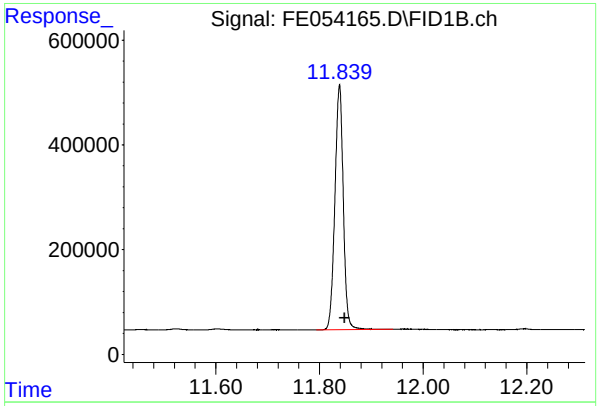
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054165.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 21:57
Operator : YP\AJ
Sample : Q2179-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
D6

Integration File: autoint1.e
Quant Time: Jun 04 02:55:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

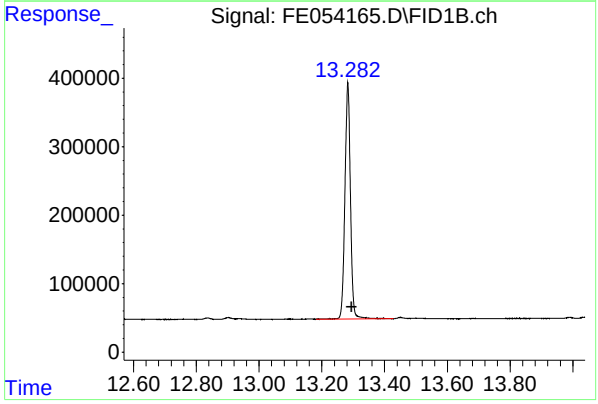




#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.010 min
Response: 5254557
Conc: 32.33 ug/ml

Instrument :
FID_E
ClientSampleId :
D6



#12 1-chlorooctadecane (SURR)

R.T.: 13.283 min
Delta R.T.: -0.012 min
Response: 4213897
Conc: 35.55 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054165.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 21:57
Sample : Q2179-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.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	2.866	2.858	2.886	PV	87	982	0.01%	0.002%
2	2.895	2.886	3.089	VV	82	5761	0.08%	0.013%
3	3.101	3.089	3.138	VV	127	1951	0.03%	0.004%
4	3.150	3.138	3.160	VV	70	621	0.01%	0.001%
5	3.186	3.160	3.272	VV	135	4002	0.06%	0.009%
6	3.286	3.272	3.331	VV	107	1762	0.02%	0.004%
7	3.364	3.331	3.379	PV	118	1934	0.03%	0.004%
8	3.398	3.379	3.418	VV	84	1443	0.02%	0.003%
9	3.425	3.418	3.475	VV	100	2341	0.03%	0.005%
10	3.488	3.475	3.578	VV	100	4370	0.06%	0.009%
11	3.585	3.578	3.594	VV	121	688	0.01%	0.001%
12	3.605	3.594	3.664	VV	123	2544	0.03%	0.006%
13	3.669	3.664	3.708	PV	87	1501	0.02%	0.003%
14	3.717	3.708	3.726	VV	73	518	0.01%	0.001%
15	3.742	3.726	3.764	VV	75	1146	0.02%	0.002%
16	3.774	3.764	3.792	VV	138	1150	0.02%	0.002%
17	3.804	3.792	3.834	PV	111	1426	0.02%	0.003%
18	3.856	3.834	3.922	VV	126	3860	0.05%	0.008%
19	3.935	3.922	3.978	VV	85	1736	0.02%	0.004%
20	3.985	3.978	3.994	VV	87	525	0.01%	0.001%
21	4.005	3.994	4.040	VV	100	1678	0.02%	0.004%
22	4.099	4.040	4.124	PV	241	8040	0.11%	0.017%
23	4.138	4.124	4.151	VV	268	4169	0.06%	0.009%
24	4.166	4.151	4.174	VV	326	3688	0.05%	0.008%
25	4.186	4.174	4.231	VV	336	7859	0.11%	0.017%
26	4.260	4.231	4.286	VV	258	6916	0.10%	0.015%
27	4.293	4.286	4.374	VV	233	9204	0.13%	0.020%
28	4.450	4.374	4.551	VV	377	17802	0.24%	0.039%
29	4.576	4.551	4.588	VV	168	2847	0.04%	0.006%
30	4.627	4.588	4.674	VV	371	9381	0.13%	0.020%
31	4.683	4.674	4.765	VV	179	6527	0.09%	0.014%
32	4.777	4.765	4.801	VV	160	2443	0.03%	0.005%
33	4.812	4.801	4.819	VV	162	1086	0.01%	0.002%
34	4.927	4.819	5.029	VV	233	17506	0.24%	0.038%
35	5.041	5.029	5.078	VV	112	2922	0.04%	0.006%
36	5.081	5.078	5.095	VV	112	996	0.01%	0.002%

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37	5.119	5.095	5.183	VV	164	6279	0.09%	0.014%
38	5.198	5.183	5.282	VV	126	5149	0.07%	0.011%
39	5.298	5.282	5.336	VV	108	2035	0.03%	0.004%
40	5.428	5.336	5.481	PV	197	8850	0.12%	0.019%
41	5.488	5.481	5.584	VV	150	4860	0.07%	0.011%
42	5.599	5.584	5.641	VV	108	2390	0.03%	0.005%
43	5.648	5.641	5.666	VV	64	579	0.01%	0.001%
44	5.715	5.666	5.817	VV	179	12168	0.17%	0.026%
45	5.888	5.817	5.964	VV	323	15729	0.22%	0.034%
46	5.984	5.964	6.091	VV	187	7449	0.10%	0.016%
47	6.115	6.091	6.141	PV	98	2123	0.03%	0.005%
48	6.170	6.141	6.285	VV	261	13910	0.19%	0.030%
49	6.340	6.285	6.378	VV	404	12333	0.17%	0.027%
50	6.522	6.378	6.571	VV	337	26647	0.37%	0.058%
51	6.586	6.571	6.612	VV	232	5174	0.07%	0.011%
52	6.632	6.612	6.681	VV	260	8123	0.11%	0.018%
53	6.685	6.681	6.741	VV	221	4919	0.07%	0.011%
54	6.758	6.741	6.777	VV	154	2157	0.03%	0.005%
55	6.805	6.777	6.851	VV	143	4598	0.06%	0.010%
56	6.865	6.851	6.892	VV	164	2874	0.04%	0.006%
57	6.915	6.892	7.020	VV	207	5494	0.08%	0.012%
58	7.082	7.020	7.097	PV	64	1866	0.03%	0.004%
59	7.116	7.097	7.148	VV	99	1779	0.02%	0.004%
60	7.347	7.148	7.438	VV	235	23334	0.32%	0.051%
61	7.451	7.438	7.507	VV	131	4732	0.07%	0.010%
62	7.582	7.507	7.638	VV	298	13217	0.18%	0.029%
63	7.652	7.638	7.684	VV	262	4714	0.06%	0.010%
64	7.699	7.684	7.761	VV	153	3586	0.05%	0.008%
65	7.766	7.761	7.834	VV	91	1519	0.02%	0.003%
66	7.863	7.834	7.941	PV	551	10310	0.14%	0.022%
67	8.034	7.941	8.071	PV	821	20666	0.28%	0.045%
68	8.078	8.071	8.138	VV	175	5905	0.08%	0.013%
69	8.210	8.138	8.244	VV	158	6903	0.09%	0.015%
70	8.286	8.244	8.302	VV	215	4578	0.06%	0.010%
71	8.388	8.302	8.407	VV	346	15500	0.21%	0.034%
72	8.473	8.407	8.557	VV	862	35974	0.49%	0.078%
73	8.597	8.557	8.642	VV	294	11007	0.15%	0.024%
74	8.681	8.642	8.761	VV	176	8522	0.12%	0.018%
75	8.792	8.761	8.841	VV	395	7794	0.11%	0.017%
76	8.848	8.841	8.864	VV	179	1570	0.02%	0.003%
77	8.898	8.864	8.918	VV	581	10163	0.14%	0.022%
78	8.970	8.918	9.138	VV	1335	85428	1.17%	0.185%
79	9.154	9.138	9.175	VV	334	5457	0.08%	0.012%
80	9.209	9.175	9.256	VV	606	19172	0.26%	0.042%
81	9.297	9.256	9.447	VV	1221	35845	0.49%	0.078%
82	9.478	9.447	9.508	VV	420	6241	0.09%	0.014%
83	9.525	9.508	9.554	VV	81	1332	0.02%	0.003%
84	9.584	9.554	9.614	PV	157	1930	0.03%	0.004%
85	9.678	9.614	9.722	VV	339	11232	0.15%	0.024%
86	9.755	9.722	9.784	VV	308	7979	0.11%	0.017%
87	9.801	9.784	9.841	VV	258	5906	0.08%	0.013%
88	9.854	9.841	9.884	VV	167	3497	0.05%	0.008%
89	9.907	9.884	9.931	VV	1650	19733	0.27%	0.043%

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90	9.965	9.931	10.054	VV	7090	222909	3.06%	0.484%
91	10.078	10.054	10.124	VV	2646	59799	0.82%	0.130%
92	10.143	10.124	10.234	VV	1201	33401	0.46%	0.072%
93	10.246	10.234	10.331	VV	203	6930	0.10%	0.015%
94	10.343	10.331	10.378	VV	182	3002	0.04%	0.007%
95	10.422	10.378	10.441	PV	904	16248	0.22%	0.035%
96	10.464	10.441	10.493	VV	728	16946	0.23%	0.037%
97	10.550	10.493	10.598	VV	1015	38642	0.53%	0.084%
98	10.607	10.598	10.651	VV	508	10960	0.15%	0.024%
99	10.697	10.651	10.763	VV	773	30444	0.42%	0.066%
100	10.819	10.763	10.862	VV	1871	45810	0.63%	0.099%
101	10.888	10.862	10.911	VV	890	15548	0.21%	0.034%
102	10.944	10.911	10.988	VV	568	14523	0.20%	0.032%
103	11.038	10.988	11.068	VV	327	7718	0.11%	0.017%
104	11.150	11.068	11.174	VV	397	11561	0.16%	0.025%
105	11.220	11.174	11.257	VV	1049	27036	0.37%	0.059%
106	11.274	11.257	11.363	VV	493	17701	0.24%	0.038%
107	11.394	11.363	11.423	PV	165	4080	0.06%	0.009%
108	11.455	11.423	11.488	VV	706	12262	0.17%	0.027%
109	11.524	11.488	11.574	VV	2164	36329	0.50%	0.079%
110	11.604	11.574	11.664	VV	1944	33473	0.46%	0.073%
111	11.681	11.664	11.698	PV	382	4827	0.07%	0.010%
112	11.717	11.698	11.741	VV	416	5845	0.08%	0.013%
113	11.838	11.741	11.940	VV	465376	5300136	72.86%	11.503%
114	11.964	11.940	12.060	VV	1509	62748	0.86%	0.136%
115	12.078	12.060	12.114	VV	317	7380	0.10%	0.016%
116	12.131	12.114	12.150	VV	378	5840	0.08%	0.013%
117	12.195	12.150	12.231	VV	1974	36431	0.50%	0.079%
118	12.247	12.231	12.271	VV	427	7501	0.10%	0.016%
119	12.288	12.271	12.364	VV	418	11636	0.16%	0.025%
120	12.390	12.364	12.429	PV	426	9461	0.13%	0.021%
121	12.469	12.429	12.526	VV	783	32879	0.45%	0.071%
122	12.564	12.526	12.631	VV	1013	42340	0.58%	0.092%
123	12.652	12.631	12.727	VV	633	23534	0.32%	0.051%
124	12.778	12.727	12.803	VV	528	18247	0.25%	0.040%
125	12.836	12.803	12.878	VV	2383	39986	0.55%	0.087%
126	12.902	12.878	13.044	VV	2809	70240	0.97%	0.152%
127	13.092	13.044	13.118	PV	272	7944	0.11%	0.017%
128	13.160	13.118	13.181	VV	541	9839	0.14%	0.021%
129	13.283	13.181	13.423	VV	344131	4249504	58.42%	9.223%
130	13.451	13.423	13.481	VV	2136	40743	0.56%	0.088%
131	13.501	13.481	13.637	VV	1175	46521	0.64%	0.101%
132	13.681	13.637	13.742	VV	480	17116	0.24%	0.037%
133	13.802	13.742	13.844	VV	347	13534	0.19%	0.029%
134	13.888	13.844	13.914	VV	511	13462	0.19%	0.029%
135	13.991	13.914	14.013	VV	1671	33199	0.46%	0.072%
136	14.037	14.013	14.111	VV	1850	37526	0.52%	0.081%
137	14.155	14.111	14.216	VV	419	13763	0.19%	0.030%
138	14.274	14.216	14.324	PV	359	14527	0.20%	0.032%
139	14.330	14.324	14.350	VV	246	2557	0.04%	0.006%
140	14.401	14.350	14.424	VV	635	14733	0.20%	0.032%
141	14.471	14.424	14.534	VV	1510	52078	0.72%	0.113%

rteres

142	14.548	14.534	14.573	VV	463	8331	0.11%	0.018%
143	14.603	14.573	14.628	VV	1461	23294	0.32%	0.051%
144	14.659	14.628	14.734	VV	589	25328	0.35%	0.055%
145	14.753	14.734	14.784	VV	373	8106	0.11%	0.018%
146	14.893	14.784	14.946	VV	916	31356	0.43%	0.068%
147	14.998	14.946	15.058	VV	431	15771	0.22%	0.034%
148	15.107	15.058	15.168	VV	1597	58114	0.80%	0.126%
149	15.190	15.168	15.234	VV	779	14801	0.20%	0.032%
150	15.245	15.234	15.306	VV	193	4899	0.07%	0.011%
151	15.375	15.306	15.400	PV	164	6904	0.09%	0.015%
152	15.543	15.400	15.640	PV	17076	489397	6.73%	1.062%
153	15.665	15.640	15.698	VV	1672	39647	0.55%	0.086%
154	15.728	15.698	15.770	VV	3480	58989	0.81%	0.128%
155	15.791	15.770	15.821	VV	412	10269	0.14%	0.022%
156	15.980	15.821	16.011	VV	418	37051	0.51%	0.080%
157	16.072	16.011	16.111	VV	888	32023	0.44%	0.070%
158	16.167	16.111	16.208	VV	1434	39623	0.54%	0.086%
159	16.230	16.208	16.254	VV	335	6654	0.09%	0.014%
160	16.296	16.254	16.318	VV	409	7098	0.10%	0.015%
161	16.370	16.318	16.400	PV	372	8780	0.12%	0.019%
162	16.455	16.400	16.488	VV	1915	29982	0.41%	0.065%
163	16.567	16.488	16.597	VV	1654	47891	0.66%	0.104%
164	16.645	16.597	16.681	VV	1391	51772	0.71%	0.112%
165	16.730	16.681	16.767	VV	3234	60033	0.83%	0.130%
166	16.810	16.767	16.881	VV	839	20480	0.28%	0.044%
167	17.003	16.881	17.021	PV	304	2055	0.03%	0.004%
168	17.117	17.021	17.144	PV	1924	38817	0.53%	0.084%
169	17.163	17.144	17.213	VV	820	13366	0.18%	0.029%
170	17.566	17.213	17.608	PV	2258	40195	0.55%	0.087%
171	17.770	17.608	17.788	PV	542	15126	0.21%	0.033%
172	17.965	17.788	17.981	PV	1186	-8156	-0.11%	-0.018%
173	18.006	17.981	18.036	VV	1782	27342	0.38%	0.059%
174	18.101	18.036	18.116	PV	729	8884	0.12%	0.019%
175	18.182	18.116	18.214	VV	1221	39561	0.54%	0.086%
176	18.235	18.214	18.254	VV	628	10729	0.15%	0.023%
177	18.326	18.254	18.349	VV	1837	39464	0.54%	0.086%
178	18.392	18.349	18.504	VV	6541	260282	3.58%	0.565%
179	18.833	18.504	18.878	VV	4151	95694	1.32%	0.208%
180	19.232	18.878	19.287	PV	7690	591996	8.14%	1.285%
181	19.624	19.287	19.644	VV	8773	1380331	18.98%	2.996%
182	19.984	19.644	20.008	VV	14082	2299838	31.62%	4.991%
183	20.028	20.008	20.043	VV	12849	269829	3.71%	0.586%
184	20.631	20.043	20.651	VV	28491	7274377	100.00%	15.788%
185	20.873	20.651	20.979	VV	32842	5890168	80.97%	12.784%
186	21.140	20.979	21.258	VV	27533	4323191	59.43%	9.383%
187	21.407	21.258	21.604	VV	24814	4632866	63.69%	10.055%
188	21.621	21.604	21.634	VV	16530	288425	3.96%	0.626%
189	21.799	21.634	21.844	VV	18765	2288279	31.46%	4.966%
190	21.854	21.844	21.988	VV	17492	1280294	17.60%	2.779%
191	22.016	21.988	22.090	VV	11188	631243	8.68%	1.370%
192	22.195	22.090	22.361	VV	10379	1296561	17.82%	2.814%
193	22.463	22.361	22.539	VV	4221	302034	4.15%	0.656%

Sum of corrected areas: 46075342

rteres

Aliphatic EPH 051425.M Wed Jun 04 04:39:59 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054149.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 13:54
Operator : YP\AJ
Sample : PB168239BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB168239BL

Integration File: autoint1.e
Quant Time: Jun 04 02:50:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 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)	11.841	6495533	39.970 ug/ml
Spiked Amount 50.000		Recovery = 79.94%	
12) S 1-chlorooctadecane (S...	13.287	4978121	41.992 ug/ml
Spiked Amount 50.000		Recovery = 83.98%	
Target Compounds			

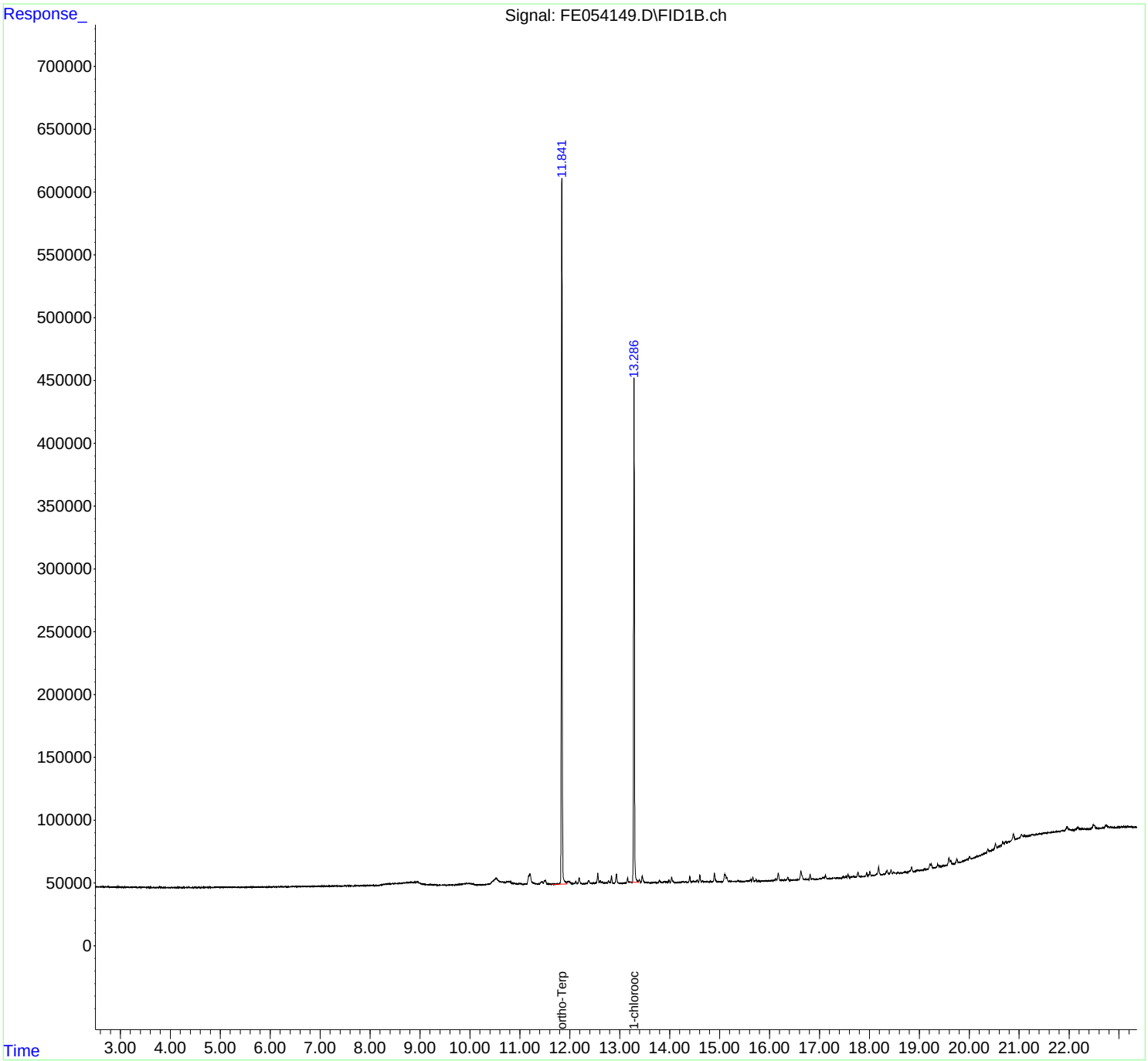
(f)=RT Delta > 1/2 Window (m)=manual int.

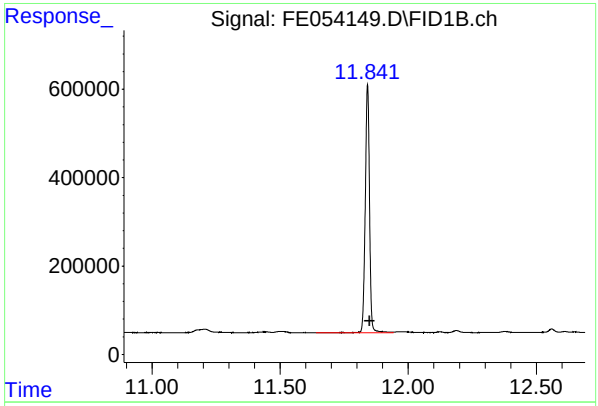
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054149.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 13:54
Operator : YP\AJ
Sample : PB168239BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB168239BL

Integration File: autoint1.e
Quant Time: Jun 04 02:50:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

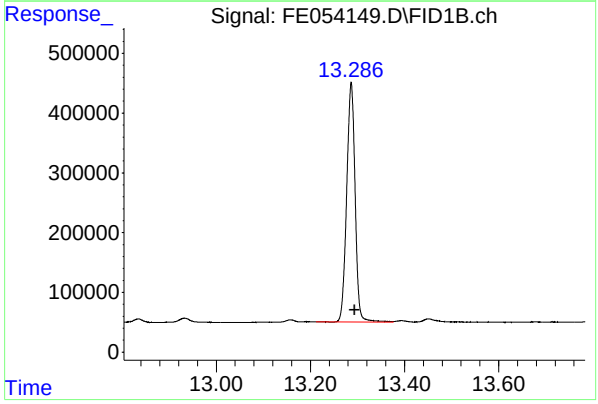




#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.007 min
Response: 6495533
Conc: 39.97 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168239BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.008 min
Response: 4978121
Conc: 41.99 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054149.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 13:54
Sample : PB168239BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.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	11.841	11.640	11.940	BV	561624	6495533	100.00%	56.613%
2	13.287	13.212	13.375	BV	402046	4978121	76.64%	43.387%
			Sum of corrected areas:			11473655		

Aliphatic EPH 051425.M Wed Jun 04 04:24:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054150.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 14:24
Operator : YP\AJ
Sample : PB168239BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 04 02:51:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_E
ClientSampleId :
PB168239BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.840	5862353	36.073 ug/ml
Spiked Amount	50.000		Recovery =	72.15%
12) S	1-chlorooctadecane (S...	13.285	4736352	39.953 ug/ml
Spiked Amount	50.000		Recovery =	79.91%
	Target Compounds			
1) T	n-Nonane (C9)	3.202	4723150	34.947 ug/ml
2) T	n-Decane (C10)	4.457	4910014	36.335 ug/ml
3) T	A~Naphthalene (C11.7)	6.165	5799757	40.356 ug/ml
4) T	n-Dodecane (C12)	6.632	5151493	37.766 ug/ml
5) T	A~2-methylnaphthalene...	7.266	5172988	37.294 ug/ml
6) T	n-Tetradecane (C14)	8.466	5143332	38.113 ug/ml
7) T	n-Hexadecane (C16)	10.078	5142003	38.107 ug/ml
8) T	n-Octadecane (C18)	11.526	5042500	37.446 ug/ml
10) T	n-Eicosane (C20)	12.839	5129908	39.032 ug/ml
11) T	n-Heneicosane (C21)	13.452	4904873	37.833 ug/ml
13) T	n-Docosane (C22)	14.039	4832245	37.877 ug/ml
14) T	n-Tetracosane (C24)	15.140	10410594	83.207 ug/ml
15) T	n-Hexacosane (C26)	16.169	4746505	38.762 ug/ml
16) T	n-Octacosane (C28)	17.120	4991531	41.061 ug/ml
17) T	n-Tricontane (C30)	18.011	4765569	38.258 ug/ml
18) T	n-Dotriacontane (C32)	18.842	4847223	38.761 ug/mlm
19) T	n-Tetratriacontane (C34)	19.629	4797945	40.278 ug/ml
20) T	n-Hexatriacontane (C36)	20.370	4762152	41.128 ug/ml
21) T	n-Octatriacontane (C38)	21.100	4877867	44.823 ug/ml
22) T	n-Tetracontane (C40)	21.994	4914105	49.522 ug/ml

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

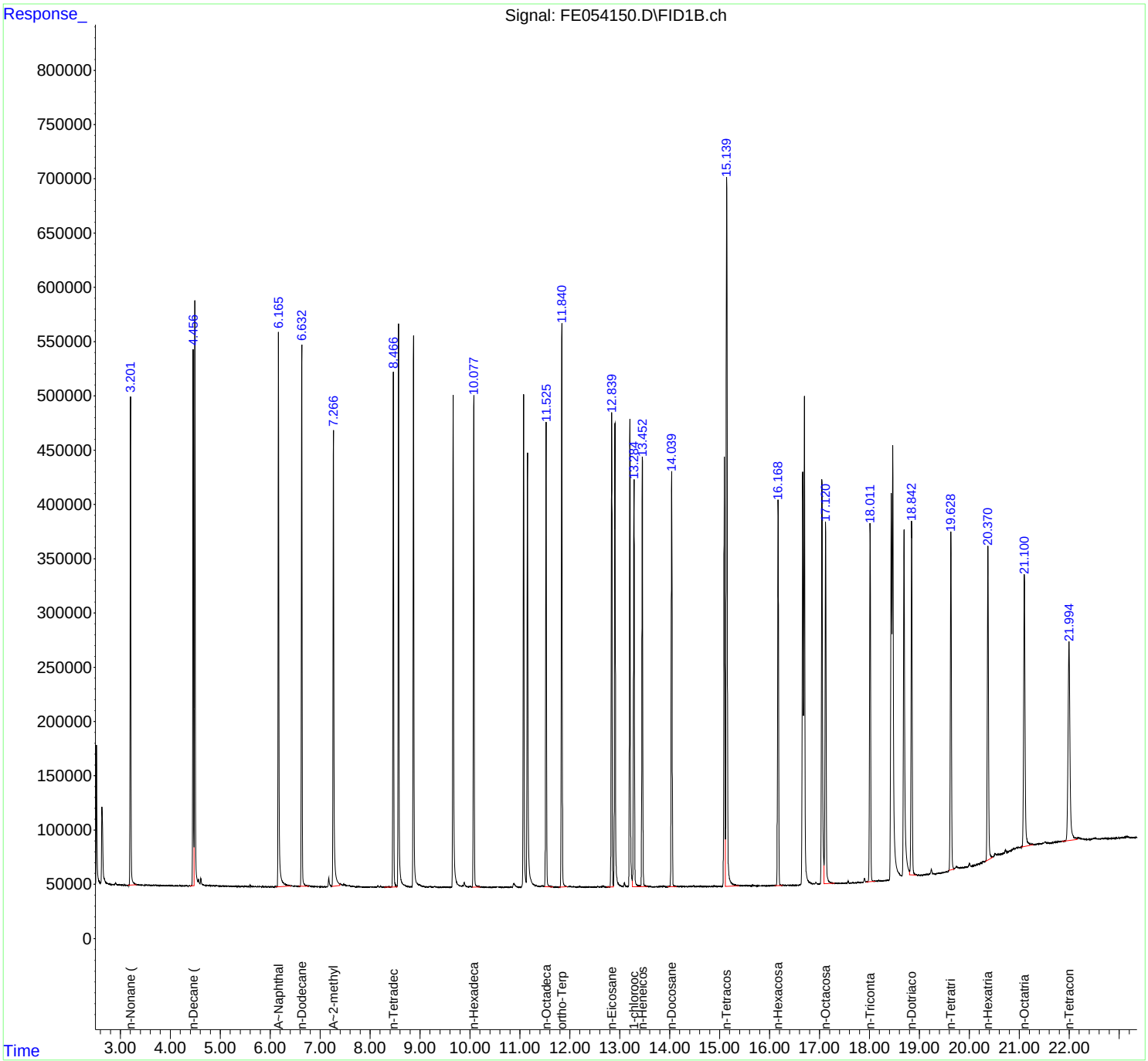
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054150.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 14:24
Operator : YP\AJ
Sample : PB168239BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 04 02:51:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_E
ClientSampleId :
PB168239BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025



5

Instrument :
FID_E
ClientSampleId :
PB168239BS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06032
Data File : FE054150.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 14:24
Sample : PB168239BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.202	3.149	3.329	BV	449590	4723150	45.37%	2.373%
2	4.457	4.392	4.474	BV	493827	4910014	47.16%	2.467%
3	4.491	4.474	4.551	VV	538779	5731778	55.06%	2.879%
4	6.165	6.112	6.419	BB	510477	5799757	55.71%	2.914%
5	6.632	6.565	6.769	BB	499548	5151493	49.48%	2.588%
6	7.266	7.231	7.397	PV	420324	5172988	49.69%	2.599%
7	8.466	8.280	8.542	BV	475363	5143332	49.40%	2.584%
8	8.570	8.542	8.797	VB	517735	5720480	54.95%	2.874%
9	8.870	8.810	9.119	BB	508256	5752414	55.26%	2.890%
10	9.664	9.604	9.835	BV	452828	5625046	54.03%	2.826%
11	10.078	10.044	10.210	BB	452872	5142003	49.39%	2.583%
12	11.076	11.000	11.127	BV	453216	5277002	50.69%	2.651%
13	11.153	11.127	11.307	VV	399173	5327786	51.18%	2.676%
14	11.526	11.490	11.664	BB	427639	5042500	48.44%	2.533%
15	11.840	11.775	11.949	BV	519550	5862353	56.31%	2.945%
16	12.839	12.732	12.872	BV	437834	5129908	49.28%	2.577%
17	12.904	12.872	13.067	VV	428363	5327855	51.18%	2.677%
18	13.203	13.142	13.250	VV	431427	5210150	50.05%	2.617%
19	13.285	13.250	13.414	VV	375226	4736352	45.50%	2.379%
20	13.452	13.414	13.560	VB	395516	4904873	47.11%	2.464%
21	14.039	13.949	14.137	BB	382203	4832245	46.42%	2.428%
22	15.092	15.040	15.113	BV	395387	5023139	48.25%	2.523%
23	15.140	15.113	15.389	VB	650911	10410594	100.00%	5.230%
24	16.169	16.100	16.260	BB	355320	4746505	45.59%	2.384%
25	16.663	16.564	16.678	BV	381530	5348368	51.37%	2.687%
26	16.695	16.678	16.899	VB	449912	6003300	57.67%	3.016%
27	17.047	17.000	17.088	BV	372752	5395330	51.83%	2.710%
28	17.120	17.088	17.297	VB	333904	4991531	47.95%	2.508%
29	18.011	17.930	18.115	PB	328022	4765569	45.78%	2.394%
30	18.435	18.372	18.448	PV	355477	5155739	49.52%	2.590%
31	18.465	18.448	18.650	VV	400742	7107632	68.27%	3.571%
32	18.691	18.650	18.800	PBA	317884	5550960	53.32%	2.789%
33	18.843	18.800	18.980	BB	321585	4684952	45.00%	2.354%
34	19.629	19.590	19.699	BV	311057	4797945	46.09%	2.410%
35	20.370	20.320	20.462	BV	289028	4762152	45.74%	2.392%
36	21.100	21.040	21.284	BB	250808	4877867	46.85%	2.450%

Page 1

5

Instrument :
FID_E
ClientSampleId :
PB168239BS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

A B C D E F G H I J

rteres
37 21.994 21.850 22.150 BV 183612 4914105 47.20% 2.469%
Sum of corrected areas: 199

Aliphatic EPH 051425.M Wed Jun 04 04:26:39 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054151.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 14:55
Operator : YP\AJ
Sample : PB168239BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 04 02:51:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_E
ClientSampleId :
PB168239BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.839	5780344	35.569 ug/ml
Spiked Amount	50.000		Recovery =	71.14%
12) S	1-chlorooctadecane (S...	13.284	4665030	39.351 ug/ml
Spiked Amount	50.000		Recovery =	78.70%
	Target Compounds			
1) T	n-Nonane (C9)	3.202	4598745	34.026 ug/ml
2) T	n-Decane (C10)	4.457	4734271	35.035 ug/ml
3) T	A~Naphthalene (C11.7)	6.166	5616255	39.079 ug/ml
4) T	n-Dodecane (C12)	6.632	4998642	36.645 ug/ml
5) T	A~2-methylnaphthalene...	7.266	5027021	36.242 ug/ml
6) T	n-Tetradecane (C14)	8.466	4973183	36.852 ug/ml
7) T	n-Hexadecane (C16)	10.078	5013584	37.156 ug/ml
8) T	n-Octadecane (C18)	11.525	4927954	36.596 ug/ml
10) T	n-Eicosane (C20)	12.839	5019523	38.192 ug/ml
11) T	n-Heneicosane (C21)	13.451	4789857	36.946 ug/ml
13) T	n-Docosane (C22)	14.039	4726452	37.048 ug/ml
14) T	n-Tetracosane (C24)	15.140	10145034	81.085 ug/ml
15) T	n-Hexacosane (C26)	16.169	4630815	37.818 ug/ml
16) T	n-Octacosane (C28)	17.119	4852824	39.920 ug/ml
17) T	n-Tricontane (C30)	18.010	4616677	37.063 ug/ml
18) T	n-Dotriacontane (C32)	18.843	4638741	37.094 ug/mlm
19) T	n-Tetratriacontane (C34)	19.628	4479444	37.604 ug/ml
20) T	n-Hexatriacontane (C36)	20.370	4278413	36.951 ug/ml
21) T	n-Octatriacontane (C38)	21.098	3901549	35.851 ug/ml
22) T	n-Tetracontane (C40)	21.991	3565656	35.933 ug/ml

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

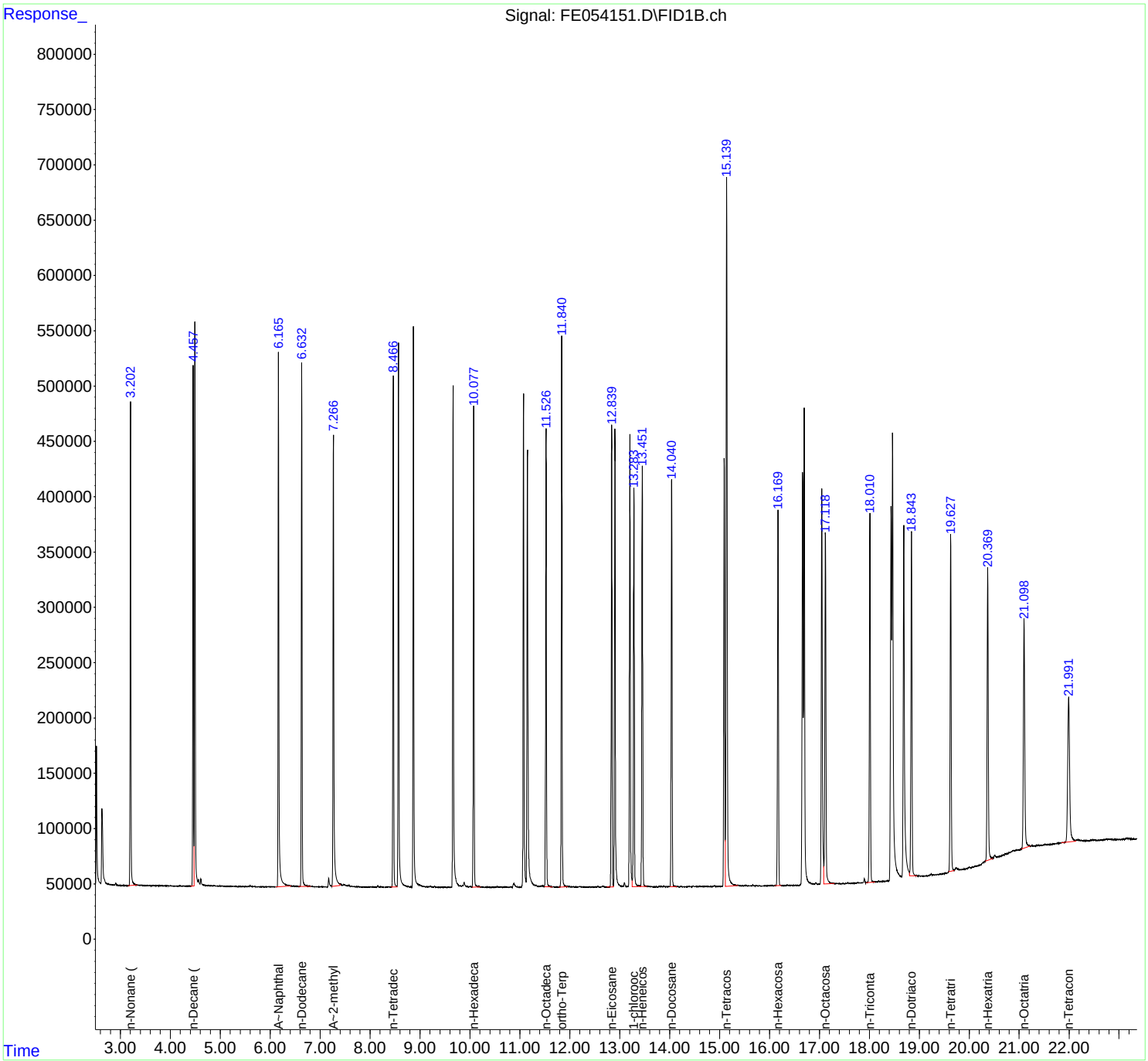
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054151.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 14:55
Operator : YP\AJ
Sample : PB168239BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 04 02:51:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_E
ClientSampleId :
PB168239BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025



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Instrument :
FID_E
ClientSampleId :
PB168239BSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06032
Data File : FE054151.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 14:55
Sample : PB168239BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.202	3.147	3.332	BV	437416	4598745	45.33%	2.405%
2	4.457	4.402	4.474	BV	470495	4734271	46.67%	2.476%
3	4.492	4.474	4.552	VV	509512	5547358	54.68%	2.901%
4	6.166	6.114	6.414	BB	482838	5616255	55.36%	2.937%
5	6.632	6.565	6.810	BB	472997	4998642	49.27%	2.614%
6	7.266	7.231	7.397	VV	408207	5027021	49.55%	2.629%
7	8.466	8.410	8.540	BV	461242	4973183	49.02%	2.601%
8	8.570	8.540	8.805	VB	491371	5581431	55.02%	2.919%
9	8.870	8.810	9.109	BB	506870	5618418	55.38%	2.938%
10	9.664	9.562	9.834	BV	450575	5494507	54.16%	2.873%
11	10.078	10.040	10.215	BB	435724	5013584	49.42%	2.622%
12	11.075	10.997	11.125	BV	446459	5153973	50.80%	2.695%
13	11.153	11.125	11.312	VV	396216	5210641	51.36%	2.725%
14	11.525	11.490	11.654	BB	412278	4927954	48.58%	2.577%
15	11.839	11.777	11.962	BV	495124	5780344	56.98%	3.023%
16	12.839	12.739	12.874	BV	417525	5019523	49.48%	2.625%
17	12.903	12.874	13.065	VV	414329	5194978	51.21%	2.717%
18	13.203	13.142	13.250	VV	408043	5077748	50.05%	2.655%
19	13.284	13.250	13.417	VV	360611	4665030	45.98%	2.439%
20	13.451	13.417	13.552	VB	380030	4789857	47.21%	2.505%
21	14.039	14.002	14.144	PB	368086	4726452	46.59%	2.472%
22	15.092	15.040	15.113	BV	387109	4907001	48.37%	2.566%
23	15.140	15.113	15.369	VB	640008	10145034	100.00%	5.305%
24	16.169	16.100	16.240	BB	338609	4630815	45.65%	2.422%
25	16.662	16.570	16.677	BV	373073	5195159	51.21%	2.717%
26	16.694	16.677	16.900	VV	430274	5875934	57.92%	3.073%
27	17.046	17.000	17.089	BV	357319	5269869	51.95%	2.756%
28	17.119	17.089	17.292	VB	317347	4852824	47.83%	2.538%
29	18.010	17.927	18.110	PB	333751	4616677	45.51%	2.414%
30	18.434	18.222	18.447	BV	336963	4908820	48.39%	2.567%
31	18.463	18.447	18.646	VV	403374	6921986	68.23%	3.620%
32	18.689	18.646	18.800	PBA	316754	5449712	53.72%	2.850%
33	18.843	18.800	18.982	BB	307955	4486397	44.22%	2.346%
34	19.628	19.590	19.695	BV	303375	4479444	44.15%	2.342%
35	20.370	20.320	20.474	BV	265151	4278413	42.17%	2.237%
36	21.098	21.040	21.227	BB	207529	3901549	38.46%	2.040%

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Instrument :
FID_E
ClientSampleId :
PB168239BSD

```
                                        rteres
 37 21.991  21.850  22.134  BV    131452   3565656  35.15%  1.865%
                      Sum of corrected areas:   1912

Aliphatic EPH 051425.M Wed Jun 04 04:27:59 2025
```

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

A B C D E F G H I J

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054155.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 16:56
Operator : YP\AJ
Sample : Q2147-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 04 02:52:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_E
ClientSampleId :
3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.839	5357181	32.965 ug/ml
	Spiked Amount 50.000		Recovery =	65.93%
12)	S 1-chlorooctadecane (S...	13.283	4580758	38.640 ug/ml
	Spiked Amount 50.000		Recovery =	77.28%
	Target Compounds			
1)	T n-Nonane (C9)	3.201	5065042	37.476 ug/ml
2)	T n-Decane (C10)	4.456	5228305	38.691 ug/ml
3)	T A~Naphthalene (C11.7)	6.165	6148361	42.782 ug/ml
4)	T n-Dodecane (C12)	6.632	5467838	40.085 ug/ml
5)	T A~2-methylnaphthalene...	7.266	5672007	40.892 ug/ml
6)	T n-Tetradecane (C14)	8.466	5507027	40.808 ug/ml
7)	T n-Hexadecane (C16)	10.077	5613943	41.605 ug/ml
8)	T n-Octadecane (C18)	11.525	5523361	41.017 ug/ml
10)	T n-Eicosane (C20)	12.838	5762655	43.846 ug/ml
11)	T n-Heneicosane (C21)	13.451	5522792	42.600 ug/mlm
13)	T n-Docosane (C22)	14.039	5563436	43.609 ug/ml
14)	T n-Tetracosane (C24)	15.140	12320403	98.471 ug/ml
15)	T n-Hexacosane (C26)	16.170	5321029	43.454 ug/ml
16)	T n-Octacosane (C28)	17.120	5358193	44.077 ug/ml
17)	T n-Tricontane (C30)	18.011	5419821	43.510 ug/ml
18)	T n-Dotriacontane (C32)	18.843	5373041	42.965 ug/ml
19)	T n-Tetratriacontane (C34)	19.629	5359488	44.992 ug/ml
20)	T n-Hexatriacontane (C36)	20.370	5538261	47.831 ug/ml
21)	T n-Octatriacontane (C38)	21.100	5873041	53.967 ug/ml
22)	T n-Tetracontane (C40)	21.992	5711428	57.557 ug/ml

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

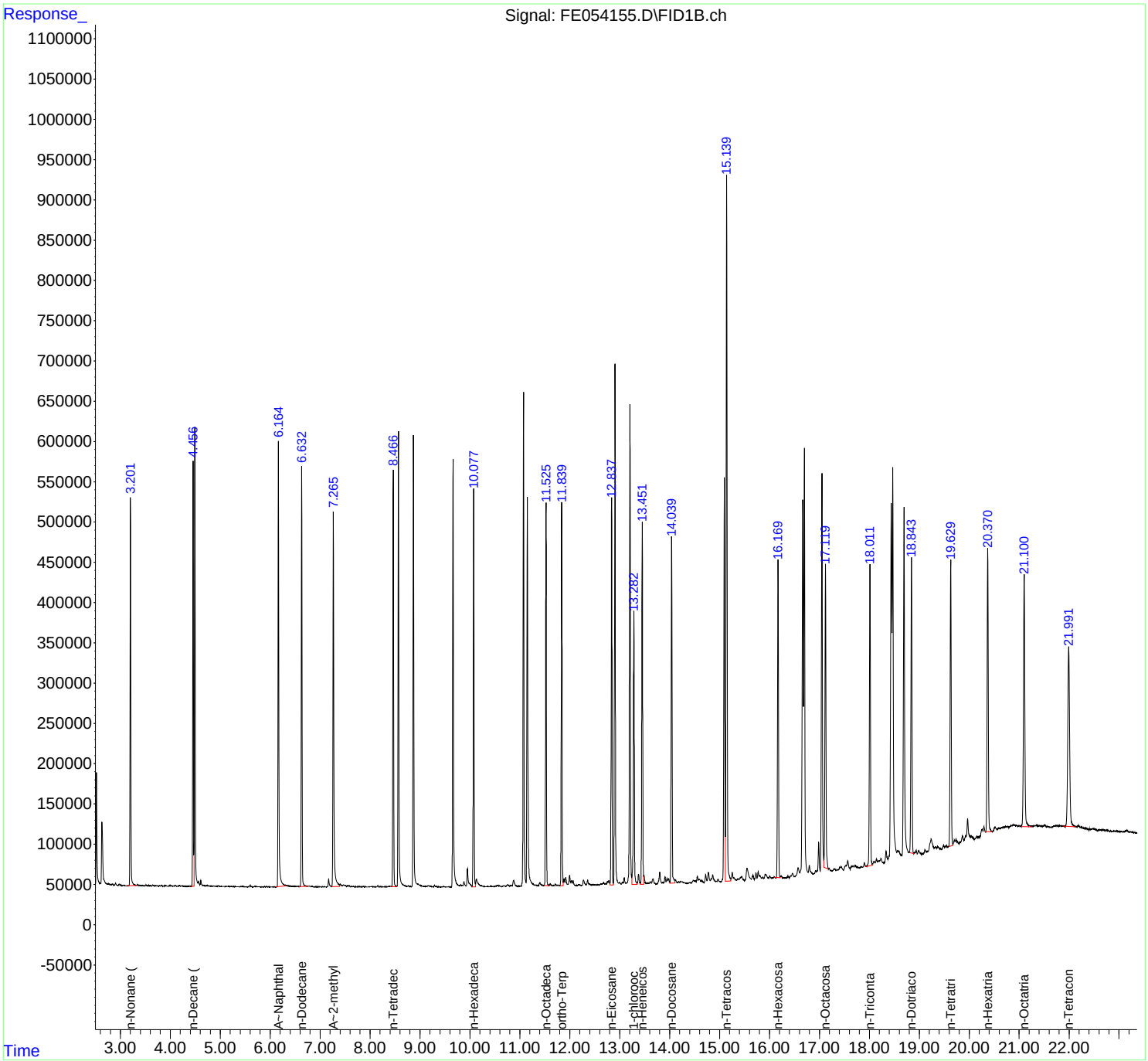
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054155.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 16:56
Operator : YP\AJ
Sample : Q2147-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 04 02:52:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_E
ClientSampleId :
3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025



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Instrument :
FID_E
ClientSampleId :
3MS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06032
Data File : FE054155.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 16:56
Sample : Q2147-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.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	2.805	2.885	PH	1232	21196	0.17%	0.008%
2	2.903	2.885	2.952	PV	2499	28880	0.23%	0.010%
3	2.982	2.952	3.002	PV	1114	16572	0.13%	0.006%
4	3.010	3.002	3.051	VV	498	4576	0.04%	0.002%
5	3.068	3.051	3.128	PV	322	2988	0.02%	0.001%
6	3.134	3.128	3.142	VV	45	269	0.00%	0.000%
7	3.201	3.142	3.326	PV	482087	5105271	41.36%	1.837%
8	3.342	3.326	3.359	VV	1264	18456	0.15%	0.007%
9	3.371	3.359	3.398	VV	785	12552	0.10%	0.005%
10	3.411	3.398	3.431	VV	557	9086	0.07%	0.003%
11	3.444	3.431	3.463	VV	549	7256	0.06%	0.003%
12	3.479	3.463	3.494	VV	487	5824	0.05%	0.002%
13	3.512	3.494	3.553	VV	1214	20596	0.17%	0.007%
14	3.571	3.553	3.584	VV	738	7919	0.06%	0.003%
15	3.594	3.584	3.627	VV	522	10042	0.08%	0.004%
16	3.647	3.627	3.687	VV	1148	23894	0.19%	0.009%
17	3.727	3.687	3.762	VV	623	17927	0.15%	0.006%
18	3.789	3.762	3.818	VV	571	12208	0.10%	0.004%
19	3.831	3.818	3.865	VV	509	5769	0.05%	0.002%
20	3.891	3.865	3.944	PV	617	14352	0.12%	0.005%
21	3.994	3.944	4.010	PV	914	13603	0.11%	0.005%
22	4.027	4.010	4.046	VV	759	10639	0.09%	0.004%
23	4.065	4.046	4.082	VV	423	7457	0.06%	0.003%
24	4.104	4.082	4.146	VV	874	16431	0.13%	0.006%
25	4.188	4.146	4.208	VV	900	21177	0.17%	0.008%
26	4.224	4.208	4.308	VV	663	20810	0.17%	0.007%
27	4.344	4.308	4.375	PV	277	5856	0.05%	0.002%
28	4.391	4.375	4.421	VV	340	5288	0.04%	0.002%
29	4.456	4.421	4.473	VV	524953	5234542	42.41%	1.884%
30	4.491	4.473	4.550	VV	566384	6088031	49.32%	2.191%
31	4.565	4.550	4.590	VV	6563	104837	0.85%	0.038%
32	4.611	4.590	4.721	VV	7562	177874	1.44%	0.064%
33	4.738	4.721	4.779	VV	1275	32785	0.27%	0.012%
34	4.792	4.779	4.808	VV	766	12102	0.10%	0.004%
35	4.815	4.808	4.844	VV	762	13068	0.11%	0.005%
36	4.878	4.844	4.907	VV	597	20029	0.16%	0.007%

5

Instrument :
FID_E
ClientSampleId :
3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

A B C D E F G H I J

rteres

37	4.919	4.907	4.937	VV	568	8947	0.07%	0.003%
38	4.962	4.937	5.105	VV	953	39311		
39	5.133	5.105	5.146	VV	479	7919		
40	5.167	5.146	5.190	VV	438	8254		
41	5.211	5.190	5.235	VV	397	7260		
42	5.251	5.235	5.261	VV	277	3521		
43	5.275	5.261	5.361	VV	382	9034	0.07%	0.003%
44	5.369	5.361	5.396	VV	122	2214	0.02%	0.001%
45	5.433	5.396	5.574	VV	435	20091	0.16%	0.007%
46	5.598	5.574	5.655	PV	2233	30583	0.25%	0.011%
47	5.713	5.655	5.760	VV	397	16794	0.14%	0.006%
48	5.775	5.760	5.830	VV	354	8318	0.07%	0.003%
49	5.846	5.830	5.875	VV	342	5537	0.04%	0.002%
50	5.905	5.875	5.953	VV	260	8135	0.07%	0.003%
51	5.972	5.953	6.024	VV	149	3531	0.03%	0.001%
52	6.077	6.024	6.095	PV	127	3034	0.02%	0.001%
53	6.165	6.095	6.324	PV	552365	6264811	50.76%	2.254%
54	6.337	6.324	6.466	VV	1939	103402	0.84%	0.037%
55	6.480	6.466	6.584	VV	928	51769	0.42%	0.019%
56	6.632	6.584	6.768	VV	522939	5553622	44.99%	1.998%
57	6.783	6.768	6.903	VV	1217	52107	0.42%	0.019%
58	6.913	6.903	6.941	VV	424	6965	0.06%	0.003%
59	6.956	6.941	6.978	VV	318	5699	0.05%	0.002%
60	6.986	6.978	7.013	VV	219	3631	0.03%	0.001%
61	7.035	7.013	7.078	VV	277	6734	0.05%	0.002%
62	7.084	7.078	7.123	VV	252	2998	0.02%	0.001%
63	7.172	7.123	7.230	PV	9768	154157	1.25%	0.055%
64	7.266	7.230	7.391	VV	463574	5728670	46.41%	2.061%
65	7.407	7.391	7.445	VV	3490	85524	0.69%	0.031%
66	7.473	7.445	7.529	VV	2746	98890	0.80%	0.036%
67	7.547	7.529	7.564	VV	1593	27389	0.22%	0.010%
68	7.581	7.564	7.649	VV	2171	54800	0.44%	0.020%
69	7.660	7.649	7.698	VV	721	14792	0.12%	0.005%
70	7.705	7.698	7.729	VV	310	4772	0.04%	0.002%
71	7.753	7.729	7.817	VV	687	18382	0.15%	0.007%
72	7.863	7.817	7.904	VV	570	18002	0.15%	0.006%
73	7.914	7.904	7.937	VV	254	3865	0.03%	0.001%
74	7.949	7.937	7.965	VV	186	2530	0.02%	0.001%
75	8.034	7.965	8.095	VV	849	29800	0.24%	0.011%
76	8.111	8.095	8.129	VV	272	5164	0.04%	0.002%
77	8.155	8.129	8.194	VV	1821	26642	0.22%	0.010%
78	8.212	8.194	8.236	VV	1098	14128	0.11%	0.005%
79	8.246	8.236	8.261	VV	246	3070	0.02%	0.001%
80	8.281	8.261	8.308	VV	430	8671	0.07%	0.003%
81	8.317	8.308	8.333	VV	375	4753	0.04%	0.002%
82	8.388	8.333	8.406	VV	1171	30155	0.24%	0.011%
83	8.420	8.406	8.435	VV	784	11704	0.09%	0.004%
84	8.466	8.435	8.532	VV	515799	5528356	44.79%	1.989%
85	8.570	8.532	8.743	VV	564399	6298181	51.03%	2.266%
86	8.765	8.743	8.838	VV	1473	53255	0.43%	0.019%
87	8.870	8.838	9.090	VV	559949	6481842	52.51%	2.332%
88	9.114	9.090	9.141	VV	1201	25585	0.21%	0.009%
89	9.163	9.141	9.195	VV	1950	44907	0.36%	0.016%

5

Instrument :
FID_E
ClientSampleId :
3MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

90	9.204	9.195	9.269	VV	1314	36588	0.30%	0.013%
91	9.293	9.269	9.321	VV	1997	32340		
92	9.331	9.321	9.418	VV	665	17072		
93	9.442	9.418	9.461	VV	493	7494		
94	9.479	9.461	9.512	VV	664	10115		
95	9.532	9.512	9.548	VV	229	3581		
96	9.581	9.548	9.611	VV	449	9373	0.08%	0.003%
97	9.622	9.611	9.630	PV	146	1138	0.01%	0.000%
98	9.663	9.630	9.797	VV	531768	6323812	51.23%	2.276%
99	9.817	9.797	9.837	VV	2674	48432	0.39%	0.017%
100	9.882	9.837	9.926	VV	6428	150196	1.22%	0.054%
101	9.951	9.926	10.045	VV	22372	446466	3.62%	0.161%
102	10.077	10.045	10.111	VV	492897	5615254	45.49%	2.021%
103	10.131	10.111	10.325	VV	9724	333918	2.71%	0.120%
104	10.350	10.325	10.380	VV	239	5129	0.04%	0.002%
105	10.418	10.380	10.446	PV	1197	15683	0.13%	0.006%
106	10.464	10.446	10.483	VV	374	5064	0.04%	0.002%
107	10.559	10.483	10.583	VV	1747	49471	0.40%	0.018%
108	10.598	10.583	10.648	VV	971	16681	0.14%	0.006%
109	10.670	10.648	10.684	VV	1017	13376	0.11%	0.005%
110	10.694	10.684	10.717	VV	914	12647	0.10%	0.005%
111	10.749	10.717	10.798	VV	2109	57268	0.46%	0.021%
112	10.817	10.798	10.828	VV	1420	18950	0.15%	0.007%
113	10.839	10.828	10.851	VV	1253	14578	0.12%	0.005%
114	10.878	10.851	10.961	VV	7606	177272	1.44%	0.064%
115	10.976	10.961	10.995	VV	738	8406	0.07%	0.003%
116	11.076	10.995	11.123	VV	607518	7026111	56.92%	2.528%
117	11.152	11.123	11.311	VV	482256	6321370	51.21%	2.275%
118	11.324	11.311	11.358	VV	1769	29294	0.24%	0.011%
119	11.400	11.358	11.439	VV	4394	101583	0.82%	0.037%
120	11.450	11.439	11.473	VV	1551	24149	0.20%	0.009%
121	11.525	11.473	11.588	VV	475020	5571077	45.14%	2.005%
122	11.612	11.588	11.661	VV	2626	53379	0.43%	0.019%
123	11.680	11.661	11.692	VV	951	12524	0.10%	0.005%
124	11.713	11.692	11.748	VV	2522	42238	0.34%	0.015%
125	11.766	11.748	11.800	VV	1023	17237	0.14%	0.006%
126	11.839	11.800	11.870	VV	472324	5361016	43.43%	1.929%
127	11.885	11.870	11.902	VV	8785	127997	1.04%	0.046%
128	11.920	11.902	11.961	VV	10291	179762	1.46%	0.065%
129	11.997	11.961	12.018	VV	13043	215167	1.74%	0.077%
130	12.031	12.018	12.049	VV	6188	91325	0.74%	0.033%
131	12.065	12.049	12.114	VV	6264	107309	0.87%	0.039%
132	12.134	12.114	12.153	PV	502	6555	0.05%	0.002%
133	12.191	12.153	12.215	VV	1383	29915	0.24%	0.011%
134	12.274	12.215	12.335	VV	6778	158364	1.28%	0.057%
135	12.357	12.335	12.393	VV	6854	116756	0.95%	0.042%
136	12.404	12.393	12.435	VV	1668	26466	0.21%	0.010%
137	12.455	12.435	12.483	VV	919	20194	0.16%	0.007%
138	12.501	12.483	12.524	VV	967	16788	0.14%	0.006%
139	12.564	12.524	12.591	VV	1040	24578	0.20%	0.009%
140	12.630	12.591	12.645	VV	1419	37174	0.30%	0.013%
141	12.679	12.645	12.709	VV	2966	77851	0.63%	0.028%

Instrument :
FID_E
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

rteres

142	12.724	12.709	12.737	VV	2357	28846	0.23%	0.010%
143	12.755	12.737	12.768	VV	4753	63922		
144	12.783	12.768	12.802	VV	5682	81931		
145	12.838	12.802	12.870	VV	481715	5771010	4	
146	12.905	12.870	12.984	VV	643175	7752537	6	
147	12.998	12.984	13.029	VV	2434	51717		
148	13.056	13.029	13.071	VV	3537	60415	0.49%	0.022%
149	13.091	13.071	13.131	VV	8848	149847	1.21%	0.054%
150	13.204	13.131	13.241	VV	597699	7353965	59.58%	2.646%
151	13.283	13.241	13.351	VV	338010	4593227	37.21%	1.653%
152	13.377	13.351	13.413	VV	12672	212397	1.72%	0.076%
153	13.451	13.413	13.523	VV	449683	5677211	46.00%	2.043%
154	13.537	13.523	13.558	VV	1565	28055	0.23%	0.010%
155	13.573	13.558	13.590	VV	1822	28733	0.23%	0.010%
156	13.610	13.590	13.634	VV	3253	57085	0.46%	0.021%
157	13.666	13.634	13.731	VV	6661	161474	1.31%	0.058%
158	13.800	13.731	13.845	VV	15028	308907	2.50%	0.111%
159	13.863	13.845	13.885	VV	2274	41621	0.34%	0.015%
160	13.907	13.885	13.928	VV	8812	134444	1.09%	0.048%
161	13.947	13.928	13.964	VV	7098	107942	0.87%	0.039%
162	13.979	13.964	14.003	VV	6614	104569	0.85%	0.038%
163	14.039	14.003	14.106	VV	429688	5623739	45.56%	2.024%
164	14.116	14.106	14.158	VV	4907	94612	0.77%	0.034%
165	14.179	14.158	14.199	VV	2654	49462	0.40%	0.018%
166	14.232	14.199	14.292	VV	2480	108732	0.88%	0.039%
167	14.300	14.292	14.354	VV	1028	23734	0.19%	0.009%
168	14.396	14.354	14.430	PV	1199	29792	0.24%	0.011%
169	14.474	14.430	14.528	VV	3505	138241	1.12%	0.050%
170	14.555	14.528	14.575	VV	8192	139515	1.13%	0.050%
171	14.598	14.575	14.623	VV	4574	106970	0.87%	0.038%
172	14.640	14.623	14.687	VV	2660	63250	0.51%	0.023%
173	14.719	14.687	14.747	VV	10019	162424	1.32%	0.058%
174	14.775	14.747	14.812	VV	12540	247060	2.00%	0.089%
175	14.861	14.812	14.915	VV	9363	268525	2.18%	0.097%
176	14.929	14.915	14.948	VV	1127	21258	0.17%	0.008%
177	14.970	14.948	15.030	VV	3293	62068	0.50%	0.022%
178	15.094	15.030	15.114	PV	502538	6526525	52.88%	2.349%
179	15.140	15.114	15.225	VV	876059	12343100	100.00%	4.442%
180	15.253	15.225	15.276	VV	10879	193397	1.57%	0.070%
181	15.286	15.276	15.348	VV	4094	102500	0.83%	0.037%
182	15.367	15.348	15.387	VV	2769	47071	0.38%	0.017%
183	15.418	15.387	15.427	VV	4276	72584	0.59%	0.026%
184	15.442	15.427	15.500	VV	5277	109234	0.88%	0.039%
185	15.548	15.500	15.634	PV	15174	478884	3.88%	0.172%
186	15.663	15.634	15.701	VV	4876	109631	0.89%	0.039%
187	15.728	15.701	15.749	VV	8661	127678	1.03%	0.046%
188	15.771	15.749	15.795	VV	10126	166719	1.35%	0.060%
189	15.808	15.795	15.843	VV	5187	96234	0.78%	0.035%
190	15.862	15.843	15.891	VV	2518	53597	0.43%	0.019%
191	15.915	15.891	15.979	VV	5833	184396	1.49%	0.066%
192	16.004	15.979	16.041	VV	3215	69509	0.56%	0.025%
193	16.094	16.041	16.131	VV	2423	64489	0.52%	0.023%
194	16.170	16.131	16.214	VV	399148	5379642	43.58%	1.936%

Instrument :
FID_E
ClientSampleId :
3MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
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195	16.233	16.214	16.289	VV	3112	60186	0.49%	0.022%
196	16.304	16.289	16.319	VV	182	2059		
197	16.368	16.319	16.395	PV	1892	32018		
198	16.421	16.395	16.434	PV	2204	32248		
199	16.459	16.434	16.499	VV	4919	99623		
200	16.572	16.499	16.605	VV	10911	289682		
201	16.666	16.605	16.681	VV	466948	7200580	58.34%	2.591%
202	16.698	16.681	16.771	VV	532585	6912950	56.01%	2.488%
203	16.796	16.771	16.875	VV	11814	272217	2.21%	0.098%
204	16.920	16.875	16.934	VV	4109	66733	0.54%	0.024%
205	16.984	16.934	17.013	VV	38998	610187	4.94%	0.220%
206	17.049	17.013	17.087	VV	490902	6852979	55.52%	2.466%
207	17.120	17.087	17.181	VV	376671	5674787	45.98%	2.042%
208	17.193	17.181	17.260	VV	4798	117001	0.95%	0.042%
209	17.295	17.260	17.333	VV	3134	93694	0.76%	0.034%
210	17.352	17.333	17.369	VV	1909	31143	0.25%	0.011%
211	17.432	17.369	17.481	VV	4578	175666	1.42%	0.063%
212	17.566	17.481	17.612	PV	10978	362006	2.93%	0.130%
213	17.639	17.612	17.654	VV	3618	58571	0.47%	0.021%
214	17.672	17.654	17.693	VV	3708	68151	0.55%	0.025%
215	17.711	17.693	17.800	VV	3727	107445	0.87%	0.039%
216	17.835	17.800	17.868	VV	1105	21371	0.17%	0.008%
217	17.899	17.868	17.925	PV	5404	79098	0.64%	0.028%
218	18.011	17.925	18.068	VV	374836	5464340	44.27%	1.966%
219	18.092	18.068	18.115	VV	4901	111907	0.91%	0.040%
220	18.141	18.115	18.165	VV	7545	154927	1.26%	0.056%
221	18.193	18.165	18.208	VV	5346	121520	0.98%	0.044%
222	18.233	18.208	18.301	VV	7594	213092	1.73%	0.077%
223	18.334	18.301	18.375	VV	15584	352128	2.85%	0.127%
224	18.437	18.375	18.452	VV	446471	7285502	59.02%	2.622%
225	18.467	18.452	18.547	VV	492421	7791862	63.13%	2.804%
226	18.565	18.547	18.583	VV	14213	280624	2.27%	0.101%
227	18.594	18.583	18.650	VV	13038	384841	3.12%	0.138%
228	18.694	18.650	18.795	VV	440945	7415141	60.08%	2.668%
229	18.843	18.795	18.891	VV	376821	5851991	47.41%	2.106%
230	18.936	18.891	18.959	VV	10348	338917	2.75%	0.122%
231	18.986	18.959	19.053	VV	9702	399923	3.24%	0.144%
232	19.113	19.053	19.140	VV	9874	344436	2.79%	0.124%
233	19.237	19.140	19.300	VV	21893	1227653	9.95%	0.442%
234	19.323	19.300	19.348	VV	11330	300468	2.43%	0.108%
235	19.365	19.348	19.421	VV	10726	418062	3.39%	0.150%
236	19.434	19.421	19.451	VV	7913	136954	1.11%	0.049%
237	19.487	19.451	19.508	VV	11051	320666	2.60%	0.115%
238	19.540	19.508	19.568	VV	10716	340952	2.76%	0.123%
239	19.629	19.568	19.672	VV	364394	5941265	48.13%	2.138%
240	19.700	19.672	19.718	VV	15885	381678	3.09%	0.137%
241	19.735	19.718	19.756	VV	15710	330721	2.68%	0.119%
242	19.767	19.756	19.789	VV	13292	246175	1.99%	0.089%
243	19.865	19.789	19.895	VV	18617	907690	7.35%	0.327%
244	19.967	19.895	20.022	VV	40024	1677153	13.59%	0.604%
245	20.038	20.022	20.101	VV	17945	757886	6.14%	0.273%
246	20.151	20.101	20.195	VV	16105	820059	6.64%	0.295%

5

Instrument :
FID_E
ClientSampleId :
3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

A B C D E F G H I J

					rteres			
247	20.257	20.195	20.275	VV	23854	923910	7.49%	0.332%
248	20.295	20.275	20.326	VV	26817	719858	5	
249	20.370	20.326	20.468	VV	370866	7203510	58	
250	20.519	20.468	20.559	VV	24186	1203658	9	
251	20.583	20.559	20.592	VV	21929	415500	3	
252	20.680	20.592	20.708	VV	22877	1541442	12	
253	20.725	20.708	20.745	VV	22825	497493	4.03%	0.179%
254	20.768	20.745	20.790	VV	22705	609758	4.94%	0.219%
255	20.886	20.790	20.932	VV	23500	1932006	15.65%	0.695%
256	20.944	20.932	20.976	VV	22091	571700	4.63%	0.206%
257	20.996	20.976	21.037	VV	21154	750760	6.08%	0.270%
258	21.100	21.037	21.261	VV	332398	8364134	67.76%	3.010%
259	21.306	21.261	21.375	VV	18130	1220775	9.89%	0.439%
260	21.407	21.375	21.461	VV	17448	873421	7.08%	0.314%
261	21.509	21.461	21.568	VV	16876	1013052	8.21%	0.365%
262	21.575	21.568	21.641	VV	14829	603954	4.89%	0.217%
263	21.702	21.641	21.717	VV	14532	627847	5.09%	0.226%
264	21.749	21.717	21.912	VV	14288	1536341	12.45%	0.553%
265	21.992	21.912	22.135	VV	233998	7083485	57.39%	2.549%
266	22.190	22.135	22.294	VV	9348	756305	6.13%	0.272%
267	22.303	22.294	22.393	VV	5666	263923	2.14%	0.095%
268	22.406	22.393	22.429	VV	3319	64790	0.52%	0.023%
269	22.481	22.429	22.568	VV	3170	181368	1.47%	0.065%
			Sum of corrected areas:			277901191		

Aliphatic EPH 051425.M Wed Jun 04 04:34:21 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054156.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 17:26
Operator : YP\AJ
Sample : Q2147-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

Integration File: autoint1.e
Quant Time: Jun 04 02:53:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 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)	11.839	5003569	30.789 ug/ml
	Spiked Amount 50.000		Recovery =	61.58%
12)	S 1-chlorooctadecane (S...	13.283	4282711	36.126 ug/ml
	Spiked Amount 50.000		Recovery =	72.25%
	Target Compounds			
1)	T n-Nonane (C9)	3.201	4659742	34.478 ug/ml
2)	T n-Decane (C10)	4.456	4788798	35.438 ug/ml
3)	T A~Naphthalene (C11.7)	6.165	5708442	39.721 ug/ml
4)	T n-Dodecane (C12)	6.631	5005678	36.697 ug/ml
5)	T A~2-methylnaphthalene...	7.266	5136200	37.029 ug/ml
6)	T n-Tetradecane (C14)	8.466	5044700	37.382 ug/ml
7)	T n-Hexadecane (C16)	10.077	5158064	38.227 ug/ml
8)	T n-Octadecane (C18)	11.525	5067333	37.631 ug/ml
10)	T n-Eicosane (C20)	12.839	5289294	40.245 ug/ml
11)	T n-Heneicosane (C21)	13.450	5080100	39.185 ug/mlm
13)	T n-Docosane (C22)	14.039	5110367	40.057 ug/ml
14)	T n-Tetracosane (C24)	15.140	11347982	90.699 ug/ml
15)	T n-Hexacosane (C26)	16.169	4885255	39.895 ug/ml
16)	T n-Octacosane (C28)	17.120	4942213	40.655 ug/ml
17)	T n-Tricontane (C30)	18.011	4983682	40.009 ug/ml
18)	T n-Dotriacontane (C32)	18.844	4969014	39.735 ug/ml
19)	T n-Tetratriacontane (C34)	19.629	4937215	41.447 ug/ml
20)	T n-Hexatriacontane (C36)	20.372	5164755	44.605 ug/ml
21)	T n-Octatriacontane (C38)	21.100	5354378	49.201 ug/ml
22)	T n-Tetracontane (C40)	21.994	5258170	52.989 ug/ml

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

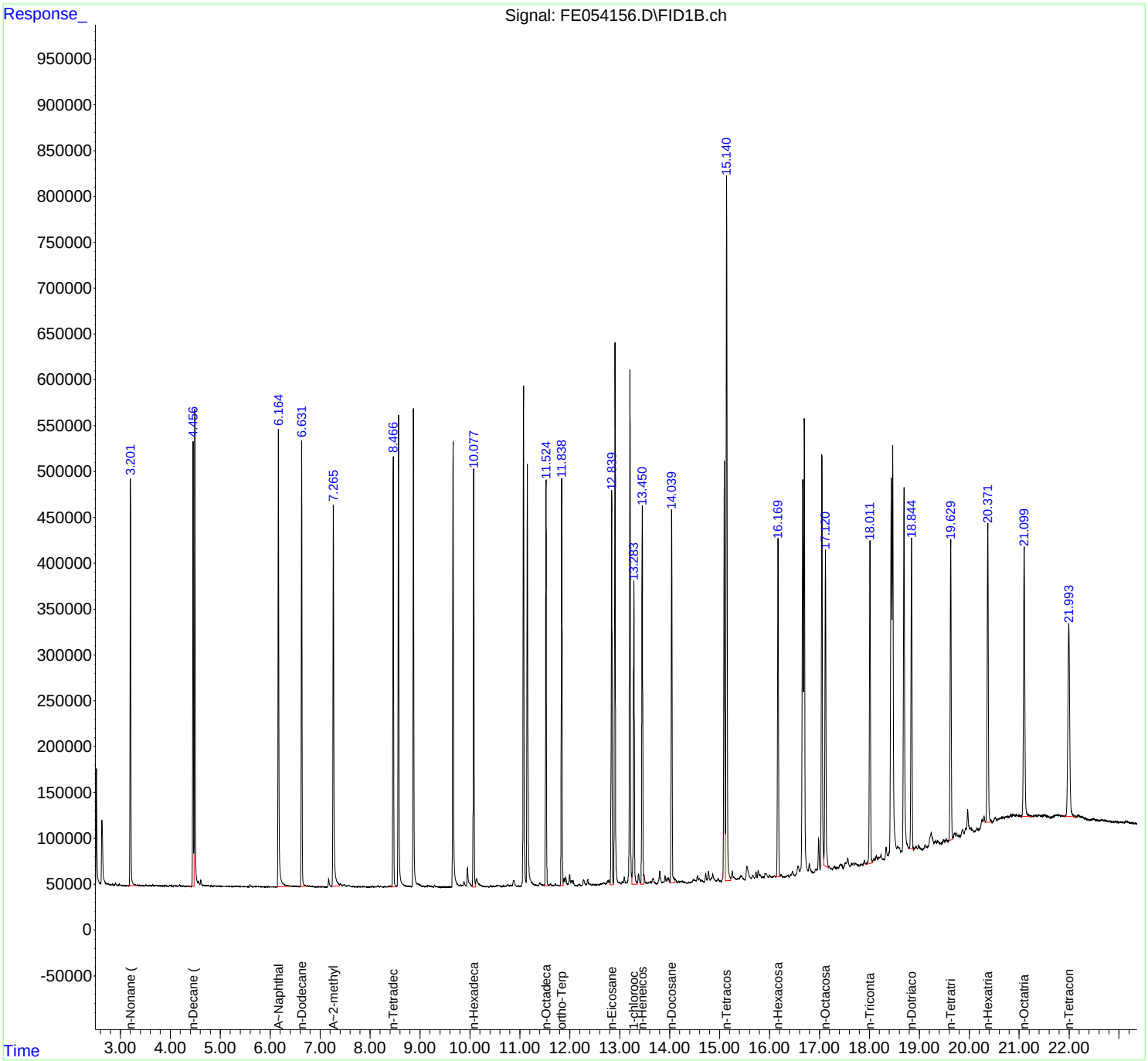
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
Data File : FE054156.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 17:26
Operator : YP\AJ
Sample : Q2147-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 04 02:53:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_E
ClientSampleId :
3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025



5

Instrument :
FID_E
ClientSampleId :
3MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06032
Data File : FE054156.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 17:26
Sample : Q2147-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.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	2.819	2.804	2.827	PV	130	963	0.01%	0.000%
2	2.841	2.827	2.883	PV	809	7120	0.06%	0.003%
3	2.903	2.883	2.951	PV	2306	27199	0.24%	0.011%
4	2.982	2.951	3.044	PV	1073	21214	0.19%	0.008%
5	3.068	3.044	3.110	VV	369	5063	0.04%	0.002%
6	3.124	3.110	3.145	PV	110	1588	0.01%	0.001%
7	3.159	3.145	3.167	VV	105	1121	0.01%	0.000%
8	3.201	3.167	3.327	VV	442603	4699110	41.34%	1.817%
9	3.341	3.327	3.360	VV	1122	16911	0.15%	0.007%
10	3.372	3.360	3.395	VV	748	11034	0.10%	0.004%
11	3.411	3.395	3.430	VV	558	9207	0.08%	0.004%
12	3.443	3.430	3.468	VV	557	7954	0.07%	0.003%
13	3.480	3.468	3.494	VV	474	5146	0.05%	0.002%
14	3.513	3.494	3.553	VV	1171	20255	0.18%	0.008%
15	3.571	3.553	3.611	VV	600	13326	0.12%	0.005%
16	3.619	3.611	3.626	VV	347	2687	0.02%	0.001%
17	3.647	3.626	3.686	VV	1109	22407	0.20%	0.009%
18	3.730	3.686	3.763	VV	539	17492	0.15%	0.007%
19	3.789	3.763	3.808	VV	657	10844	0.10%	0.004%
20	3.830	3.808	3.870	VV	475	9196	0.08%	0.004%
21	3.890	3.870	3.908	VV	555	9020	0.08%	0.003%
22	3.917	3.908	3.948	VV	484	5438	0.05%	0.002%
23	3.994	3.948	4.009	PV	853	12811	0.11%	0.005%
24	4.027	4.009	4.047	VV	784	11057	0.10%	0.004%
25	4.064	4.047	4.081	VV	478	7118	0.06%	0.003%
26	4.103	4.081	4.148	VV	802	16013	0.14%	0.006%
27	4.188	4.148	4.210	VV	831	19570	0.17%	0.008%
28	4.226	4.210	4.318	VV	545	18661	0.16%	0.007%
29	4.346	4.318	4.366	VV	307	5375	0.05%	0.002%
30	4.392	4.366	4.420	VV	300	5006	0.04%	0.002%
31	4.456	4.420	4.473	VV	484666	4802794	42.25%	1.857%
32	4.490	4.473	4.550	VV	519696	5581292	49.10%	2.159%
33	4.565	4.550	4.590	VV	5950	98069	0.86%	0.038%
34	4.611	4.590	4.721	VV	7032	162773	1.43%	0.063%
35	4.739	4.721	4.754	VV	1149	18487	0.16%	0.007%
36	4.760	4.754	4.780	VV	974	12097	0.11%	0.005%

Page 1

5

Instrument :
FID_E
ClientSampleId :
3MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

A B C D E F G H I J

					rteres			
37	4.793	4.780	4.807	VV	704	10802	0.10%	0.004%
38	4.817	4.807	4.842	VV	781	11829		
39	4.852	4.842	4.861	VV	498	5166		
40	4.875	4.861	4.905	VV	542	13480		
41	4.916	4.905	4.938	VV	561	9046		
42	4.961	4.938	5.009	VV	920	20554		
43	5.018	5.009	5.025	VV	323	2569	0.02%	0.001%
44	5.034	5.025	5.095	VV	325	10403	0.09%	0.004%
45	5.129	5.095	5.145	VV	400	8473	0.07%	0.003%
46	5.164	5.145	5.189	VV	413	7602	0.07%	0.003%
47	5.208	5.189	5.235	VV	361	6722	0.06%	0.003%
48	5.243	5.235	5.352	VV	218	10179	0.09%	0.004%
49	5.429	5.352	5.547	VV	417	21767	0.19%	0.008%
50	5.558	5.547	5.570	VV	120	619	0.01%	0.000%
51	5.598	5.570	5.661	VV	2069	28584	0.25%	0.011%
52	5.713	5.661	5.744	VV	412	12753	0.11%	0.005%
53	5.768	5.744	5.820	VV	288	9076	0.08%	0.004%
54	5.847	5.820	5.875	VV	317	5444	0.05%	0.002%
55	5.901	5.875	6.014	VV	237	8312	0.07%	0.003%
56	6.020	6.014	6.044	VV	30	544	0.00%	0.000%
57	6.048	6.044	6.056	VV	95	272	0.00%	0.000%
58	6.072	6.056	6.103	VV	105	1245	0.01%	0.000%
59	6.120	6.103	6.134	PV	72	713	0.01%	0.000%
60	6.165	6.134	6.325	VV	498088	5720959	50.33%	2.213%
61	6.338	6.325	6.472	VV	1837	100297	0.88%	0.039%
62	6.481	6.472	6.596	VV	814	46737	0.41%	0.018%
63	6.631	6.596	6.734	VV	486195	5062153	44.53%	1.958%
64	6.745	6.734	6.767	VV	1230	21959	0.19%	0.008%
65	6.783	6.767	6.902	VV	1172	49169	0.43%	0.019%
66	6.913	6.902	6.937	VV	347	5286	0.05%	0.002%
67	6.956	6.937	6.975	VV	297	5237	0.05%	0.002%
68	6.998	6.975	7.019	VV	210	3649	0.03%	0.001%
69	7.039	7.019	7.064	VV	271	4458	0.04%	0.002%
70	7.072	7.064	7.094	VV	241	2323	0.02%	0.001%
71	7.172	7.094	7.230	VV	8713	141131	1.24%	0.055%
72	7.266	7.230	7.391	VV	416532	5226573	45.98%	2.021%
73	7.407	7.391	7.448	VV	3289	83043	0.73%	0.032%
74	7.473	7.448	7.531	VV	2536	92216	0.81%	0.036%
75	7.548	7.531	7.564	VV	1451	24235	0.21%	0.009%
76	7.582	7.564	7.628	VV	2050	42812	0.38%	0.017%
77	7.635	7.628	7.730	VV	723	26720	0.24%	0.010%
78	7.755	7.730	7.824	VV	611	17419	0.15%	0.007%
79	7.859	7.824	7.919	VV	543	16174	0.14%	0.006%
80	7.924	7.919	7.935	VV	229	1529	0.01%	0.001%
81	7.957	7.935	7.978	VV	133	2910	0.03%	0.001%
82	8.008	7.978	8.021	VV	427	7016	0.06%	0.003%
83	8.034	8.021	8.098	VV	719	17425	0.15%	0.007%
84	8.111	8.098	8.130	VV	242	3952	0.03%	0.002%
85	8.155	8.130	8.187	VV	1617	21737	0.19%	0.008%
86	8.212	8.187	8.238	VV	993	14144	0.12%	0.005%
87	8.244	8.238	8.258	VV	212	1961	0.02%	0.001%
88	8.285	8.258	8.311	VV	351	7528	0.07%	0.003%
89	8.318	8.311	8.336	VV	337	3944	0.03%	0.002%

5

Instrument :
FID_E
ClientSampleId :
3MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

90	8.388	8.336	8.406	VV	1070	26540	0.23%	0.010%
91	8.420	8.406	8.434	VV	698	10303		
92	8.466	8.434	8.531	VV	467250	5065142	44	
93	8.571	8.531	8.748	VV	515355	5765095	50	
94	8.769	8.748	8.836	VV	1415	47686		
95	8.870	8.836	9.087	VV	520549	5938066	52	
96	9.115	9.087	9.141	VV	1081	25243	0.22%	0.010%
97	9.164	9.141	9.194	VV	1814	41551	0.37%	0.016%
98	9.206	9.194	9.269	VV	1250	35202	0.31%	0.014%
99	9.294	9.269	9.319	VV	1949	30685	0.27%	0.012%
100	9.331	9.319	9.423	VV	680	17469	0.15%	0.007%
101	9.443	9.423	9.464	PV	475	6540	0.06%	0.003%
102	9.482	9.464	9.513	VV	518	8360	0.07%	0.003%
103	9.532	9.513	9.563	VV	223	4971	0.04%	0.002%
104	9.584	9.563	9.611	VV	433	7471	0.07%	0.003%
105	9.622	9.611	9.629	PV	174	1164	0.01%	0.000%
106	9.664	9.629	9.797	VV	488425	5798260	51.01%	2.242%
107	9.817	9.797	9.838	VV	2558	46556	0.41%	0.018%
108	9.854	9.838	9.863	VV	2140	27496	0.24%	0.011%
109	9.883	9.863	9.926	VV	6006	113524	1.00%	0.044%
110	9.952	9.926	10.041	VV	20643	415388	3.65%	0.161%
111	10.077	10.041	10.112	VV	456603	5158951	45.39%	1.995%
112	10.132	10.112	10.329	VV	8779	319329	2.81%	0.123%
113	10.346	10.329	10.388	VV	346	6246	0.05%	0.002%
114	10.418	10.388	10.443	PV	1117	16048	0.14%	0.006%
115	10.467	10.443	10.490	VV	491	7696	0.07%	0.003%
116	10.560	10.490	10.584	VV	1658	48684	0.43%	0.019%
117	10.598	10.584	10.648	VV	889	16918	0.15%	0.007%
118	10.672	10.648	10.685	VV	980	13667	0.12%	0.005%
119	10.694	10.685	10.721	VV	859	12674	0.11%	0.005%
120	10.750	10.721	10.798	VV	2004	54107	0.48%	0.021%
121	10.817	10.798	10.830	VV	1364	19811	0.17%	0.008%
122	10.840	10.830	10.850	VV	1256	12820	0.11%	0.005%
123	10.879	10.850	10.935	VV	6856	160549	1.41%	0.062%
124	10.943	10.935	10.964	VV	565	6940	0.06%	0.003%
125	10.977	10.964	10.998	VV	711	7576	0.07%	0.003%
126	11.011	10.998	11.020	VV	204	2475	0.02%	0.001%
127	11.075	11.020	11.123	VV	544649	6456562	56.80%	2.497%
128	11.152	11.123	11.311	VV	456742	5815706	51.16%	2.249%
129	11.325	11.311	11.353	VV	1608	26347	0.23%	0.010%
130	11.400	11.353	11.441	VV	3785	95497	0.84%	0.037%
131	11.451	11.441	11.481	VV	1454	25083	0.22%	0.010%
132	11.525	11.481	11.586	VV	441895	5105760	44.92%	1.975%
133	11.612	11.586	11.660	VV	2448	49434	0.43%	0.019%
134	11.680	11.660	11.693	VV	926	11663	0.10%	0.005%
135	11.713	11.693	11.746	VV	2356	37140	0.33%	0.014%
136	11.765	11.746	11.804	VV	861	15619	0.14%	0.006%
137	11.838	11.804	11.870	VV	444399	5007919	44.06%	1.937%
138	11.886	11.870	11.903	VV	8356	119642	1.05%	0.046%
139	11.920	11.903	11.963	VV	9654	167881	1.48%	0.065%
140	11.998	11.963	12.018	VV	12212	195551	1.72%	0.076%
141	12.032	12.018	12.050	VV	5626	85566	0.75%	0.033%

Instrument :
FID_E
ClientSampleId :
3MSD

Manual IntegrationsAPPROVED

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rteres

142	12.067	12.050	12.115	VV	5860	98559	0.87%	0.038%
143	12.132	12.115	12.151	PV	509	5592		
144	12.190	12.151	12.231	PV	1370	30847		
145	12.276	12.231	12.333	VV	6089	141603		
146	12.358	12.333	12.394	VV	6556	109619		
147	12.404	12.394	12.438	VV	1541	25428		
148	12.456	12.438	12.488	VV	868	20021	0.18%	0.008%
149	12.501	12.488	12.524	VV	889	14304	0.13%	0.006%
150	12.564	12.524	12.590	VV	940	22820	0.20%	0.009%
151	12.630	12.590	12.643	VV	1385	33529	0.29%	0.013%
152	12.680	12.643	12.709	VV	2786	73285	0.64%	0.028%
153	12.724	12.709	12.737	VV	2241	27396	0.24%	0.011%
154	12.756	12.737	12.769	VV	4388	59903	0.53%	0.023%
155	12.784	12.769	12.803	VV	5165	75818	0.67%	0.029%
156	12.838	12.803	12.871	VV	425953	5296294	46.59%	2.048%
157	12.905	12.871	12.984	VV	589725	7137797	62.79%	2.760%
158	12.998	12.984	13.029	VV	2419	48715	0.43%	0.019%
159	13.057	13.029	13.072	VV	3228	56465	0.50%	0.022%
160	13.091	13.072	13.138	VV	8066	143875	1.27%	0.056%
161	13.204	13.138	13.242	VV	561643	6759023	59.46%	2.614%
162	13.283	13.242	13.349	VV	328514	4290316	37.74%	1.659%
163	13.377	13.349	13.413	VV	11286	198028	1.74%	0.077%
164	13.451	13.413	13.523	VV	413656	5213359	45.86%	2.016%
165	13.537	13.523	13.556	VV	1536	25292	0.22%	0.010%
166	13.576	13.556	13.591	VV	1614	27797	0.24%	0.011%
167	13.612	13.591	13.635	VV	2897	52575	0.46%	0.020%
168	13.667	13.635	13.728	VV	6167	150772	1.33%	0.058%
169	13.801	13.728	13.846	VV	13891	288784	2.54%	0.112%
170	13.863	13.846	13.883	VV	2069	36909	0.32%	0.014%
171	13.908	13.883	13.929	VV	8165	127188	1.12%	0.049%
172	13.949	13.929	13.965	VV	6475	102543	0.90%	0.040%
173	13.980	13.965	14.003	VV	6207	96179	0.85%	0.037%
174	14.039	14.003	14.105	VV	402969	5167181	45.46%	1.998%
175	14.116	14.105	14.161	VV	4683	93813	0.83%	0.036%
176	14.179	14.161	14.200	VV	2407	44045	0.39%	0.017%
177	14.224	14.200	14.361	VV	2440	124695	1.10%	0.048%
178	14.398	14.361	14.426	PV	1073	26926	0.24%	0.010%
179	14.473	14.426	14.496	VV	3270	85760	0.75%	0.033%
180	14.507	14.496	14.526	VV	2740	43744	0.38%	0.017%
181	14.556	14.526	14.576	VV	7649	133997	1.18%	0.052%
182	14.599	14.576	14.624	VV	4397	100490	0.88%	0.039%
183	14.641	14.624	14.686	VV	2473	60892	0.54%	0.024%
184	14.720	14.686	14.748	VV	9337	152713	1.34%	0.059%
185	14.776	14.748	14.813	VV	11492	231568	2.04%	0.090%
186	14.836	14.813	14.843	VV	4284	62735	0.55%	0.024%
187	14.863	14.843	14.918	VV	8645	193004	1.70%	0.075%
188	14.931	14.918	14.945	VV	1178	16918	0.15%	0.007%
189	14.970	14.945	15.034	VV	3010	61623	0.54%	0.024%
190	15.093	15.034	15.113	PV	460170	5990528	52.70%	2.317%
191	15.140	15.113	15.228	VV	768481	11366849	100.00%	4.396%
192	15.253	15.228	15.278	VV	10106	177400	1.56%	0.069%
193	15.286	15.278	15.348	VV	3819	90792	0.80%	0.035%
194	15.368	15.348	15.386	VV	2428	41623	0.37%	0.016%

5

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FID_E
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A B C D E F G H I J

rteres

195	15.441	15.386	15.501	VV	4697	166231	1.46%	0.064%
196	15.548	15.501	15.635	PV	14489	444027	3	
197	15.662	15.635	15.698	VV	4547	98019	0	
198	15.728	15.698	15.749	VV	7725	119646	1	
199	15.772	15.749	15.795	VV	8881	150120	1	
200	15.810	15.795	15.842	VV	4767	88441	0	
201	15.861	15.842	15.888	VV	2396	46541	0.41%	0.018%
202	15.927	15.888	15.978	VV	5223	171458	1.51%	0.066%
203	16.005	15.978	16.040	VV	2977	62799	0.55%	0.024%
204	16.095	16.040	16.124	VV	2124	56820	0.50%	0.022%
205	16.169	16.124	16.213	VV	371215	4944590	43.50%	1.912%
206	16.232	16.213	16.303	VV	2833	55396	0.49%	0.021%
207	16.368	16.303	16.392	VV	1742	30469	0.27%	0.012%
208	16.420	16.392	16.433	PV	2074	28671	0.25%	0.011%
209	16.459	16.433	16.494	VV	4851	95160	0.84%	0.037%
210	16.572	16.494	16.605	VV	10103	274471	2.41%	0.106%
211	16.666	16.605	16.680	VV	431719	6580124	57.89%	2.545%
212	16.697	16.680	16.771	VV	501031	6378126	56.11%	2.467%
213	16.796	16.771	16.884	VV	10588	248504	2.19%	0.096%
214	16.922	16.884	16.933	VV	3480	51165	0.45%	0.020%
215	16.946	16.933	16.955	VV	3164	38867	0.34%	0.015%
216	16.984	16.955	17.013	VV	36388	518349	4.56%	0.200%
217	17.049	17.013	17.087	VV	452919	6287471	55.31%	2.432%
218	17.120	17.087	17.181	VV	349931	5211203	45.85%	2.015%
219	17.194	17.181	17.257	VV	4341	103246	0.91%	0.040%
220	17.294	17.257	17.331	VV	2967	85512	0.75%	0.033%
221	17.354	17.331	17.365	VV	1646	25942	0.23%	0.010%
222	17.411	17.365	17.420	VV	4077	78060	0.69%	0.030%
223	17.433	17.420	17.481	VV	4243	92814	0.82%	0.036%
224	17.566	17.481	17.611	VV	9880	341002	3.00%	0.132%
225	17.641	17.611	17.654	VV	3269	55611	0.49%	0.022%
226	17.674	17.654	17.693	VV	3778	67051	0.59%	0.026%
227	17.714	17.693	17.800	VV	3450	109614	0.96%	0.042%
228	17.838	17.800	17.871	PV	1266	25511	0.22%	0.010%
229	17.900	17.871	17.928	VV	4934	71615	0.63%	0.028%
230	18.011	17.928	18.064	VV	352283	5016395	44.13%	1.940%
231	18.091	18.064	18.114	VV	5073	107638	0.95%	0.042%
232	18.141	18.114	18.161	VV	7271	140413	1.24%	0.054%
233	18.193	18.161	18.208	VV	4848	123626	1.09%	0.048%
234	18.232	18.208	18.300	VV	7069	204278	1.80%	0.079%
235	18.334	18.300	18.368	VV	14754	314963	2.77%	0.122%
236	18.438	18.368	18.451	VV	416929	6713745	59.06%	2.596%
237	18.467	18.451	18.547	VV	453741	7206813	63.40%	2.787%
238	18.566	18.547	18.584	VV	13310	270262	2.38%	0.105%
239	18.596	18.584	18.654	VV	11768	367291	3.23%	0.142%
240	18.693	18.654	18.796	VV	405217	6855988	60.32%	2.651%
241	18.844	18.796	18.893	VV	346835	5402230	47.53%	2.089%
242	18.938	18.893	18.962	VV	9399	320314	2.82%	0.124%
243	18.989	18.962	19.061	VV	9349	397373	3.50%	0.154%
244	19.113	19.061	19.137	VV	9389	293017	2.58%	0.113%
245	19.238	19.137	19.292	VV	21148	1126301	9.91%	0.436%
246	19.326	19.292	19.348	VV	11137	337654	2.97%	0.131%

5

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A B C D E F G H I J

rteres

247	19.367	19.348	19.426	VV	10533	428745	3.77%	0.166%
248	19.484	19.426	19.510	VV	10450	444979	3	
249	19.538	19.510	19.580	VV	10481	389767	3	
250	19.629	19.580	19.672	VV	335912	5441646	47	
251	19.701	19.672	19.719	VV	15990	394549	3	
252	19.736	19.719	19.793	VV	15699	594469	5	
253	19.866	19.793	19.896	VV	18039	868670	7.64%	0.336%
254	19.932	19.896	19.941	VV	18690	446288	3.93%	0.173%
255	19.969	19.941	20.020	VV	39135	1156289	10.17%	0.447%
256	20.034	20.020	20.095	VV	17977	720719	6.34%	0.279%
257	20.153	20.095	20.195	VV	16245	888398	7.82%	0.344%
258	20.260	20.195	20.276	VV	24417	948916	8.35%	0.367%
259	20.297	20.276	20.323	VV	27431	692432	6.09%	0.268%
260	20.371	20.323	20.457	VV	347029	6843693	60.21%	2.647%
261	20.519	20.457	20.549	VV	24456	1221670	10.75%	0.472%
262	20.636	20.549	20.645	VV	22951	1294439	11.39%	0.501%
263	20.664	20.645	20.674	VV	23395	403913	3.55%	0.156%
264	20.686	20.674	20.704	VV	23057	410174	3.61%	0.159%
265	20.840	20.704	20.858	VV	23966	2112977	18.59%	0.817%
266	20.875	20.858	20.920	VV	23929	877326	7.72%	0.339%
267	20.942	20.920	20.985	VV	22791	863388	7.60%	0.334%
268	20.999	20.985	21.048	VV	21876	795652	7.00%	0.308%
269	21.100	21.048	21.261	VV	313944	7812044	68.73%	3.021%
270	21.330	21.261	21.357	VV	18432	1048578	9.22%	0.406%
271	21.392	21.357	21.434	VV	18073	816888	7.19%	0.316%
272	21.446	21.434	21.474	VV	17120	394241	3.47%	0.152%
273	21.511	21.474	21.559	VV	16831	830955	7.31%	0.321%
274	21.574	21.559	21.604	VV	15186	397772	3.50%	0.154%
275	21.613	21.604	21.624	VV	13642	161919	1.42%	0.063%
276	21.736	21.624	21.761	VV	14722	1144739	10.07%	0.443%
277	21.769	21.761	21.778	VV	14479	142809	1.26%	0.055%
278	21.790	21.778	21.822	VV	14088	365520	3.22%	0.141%
279	21.831	21.822	21.842	VV	13107	152919	1.35%	0.059%
280	21.850	21.842	21.905	VV	12953	468177	4.12%	0.181%
281	21.994	21.905	22.139	VV	221293	6703583	58.97%	2.593%
282	22.189	22.139	22.312	VV	9741	822926	7.24%	0.318%
283	22.320	22.312	22.418	VV	5025	238467	2.10%	0.092%
284	22.482	22.418	22.581	VV	2880	184218	1.62%	0.071%

Sum of corrected areas: 258572574

Aliphatic EPH 051425.M Wed Jun 04 04:34:43 2025

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

Manual Integration Report

Sequence:	FE051425AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2024-01	FE053824.D	ortho-Terphenyl (SURR)	yogesh	5/15/2025 8:27:48 AM	mohammad	5/16/2025 1:55:25	Peak Integrated by Software
Q2014-01	FE053826.D	1-chlorooctadecane (SURR)	yogesh	5/15/2025 8:27:49 AM	mohammad	5/16/2025 1:55:25	Peak Integrated by Software
Q2014-01	FE053826.D	ortho-Terphenyl (SURR)	yogesh	5/15/2025 8:27:49 AM	mohammad	5/16/2025 1:55:25	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE060325AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168239BS	FE054150.D	n-Dotriacontane (C32)	yogesh	6/4/2025 7:41:42 AM	mohammad	6/5/2025 1:34:56	Peak Integrated by Software
PB168239BSD	FE054151.D	n-Dotriacontane (C32)	yogesh	6/4/2025 7:41:44 AM	mohammad	6/5/2025 1:34:56	Peak Integrated by Software
Q2147-05MS	FE054155.D	n-Heneicosane (C21)	yogesh	6/4/2025 7:41:45 AM	mohammad	6/5/2025 1:34:56	Peak Integrated by Software
Q2147-05MSD	FE054156.D	n-Heneicosane (C21)	yogesh	6/4/2025 7:41:47 AM	mohammad	6/5/2025 1:34:56	Peak Integrated by Software
Q2174-03	FE054161.D	ortho-Terphenyl (SURR)	yogesh	6/4/2025 7:41:50 AM	mohammad	6/5/2025 1:34:56	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054167.D	n-Tetracosane (C24)	yogesh	6/4/2025 7:41:52 AM	mohammad	6/5/2025 1:34:56	Peak Integrated by Software

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE051425AL

Review By	yogesh	Review On	5/14/2025 11:46:43 AM		
Supervise By	mohammad	Supervise On	5/16/2025 1:55:25 AM		
SubDirectory	FE051425AL	HP Acquire Method		HP Processing Method	FE051425AL

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	FE053806.D	14 May 2025 08:48	YP\AJ	Ok
2	I.BLK	FE053807.D	14 May 2025 09:18	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE053808.D	14 May 2025 09:48	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE053809.D	14 May 2025 10:18	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE053810.D	14 May 2025 10:48	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE053811.D	14 May 2025 11:18	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE053812.D	14 May 2025 11:48	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE053813.D	14 May 2025 12:18	YP\AJ	Ok
9	I.BLK	FE053814.D	14 May 2025 12:48	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE053815.D	14 May 2025 13:18	YP\AJ	Ok
11	Q2019-01	FE053816.D	14 May 2025 14:44	YP\AJ	Ok
12	Q2019-02	FE053817.D	14 May 2025 15:13	YP\AJ	Ok
13	Q2020-01	FE053818.D	14 May 2025 15:44	YP\AJ	Ok
14	Q2020-02	FE053819.D	14 May 2025 16:14	YP\AJ	Ok
15	Q2022-02	FE053820.D	14 May 2025 16:44	YP\AJ	Ok
16	Q2022-03	FE053821.D	14 May 2025 17:14	YP\AJ	Ok
17	Q2022-04	FE053822.D	14 May 2025 18:04	YP\AJ	Ok
18	Q2022-05	FE053823.D	14 May 2025 18:34	YP\AJ	Ok
19	Q2024-01	FE053824.D	14 May 2025 19:04	YP\AJ	Ok,M
20	Q2024-02	FE053825.D	14 May 2025 19:34	YP\AJ	Ok
21	Q2014-01	FE053826.D	14 May 2025 20:04	YP\AJ	Dilution

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE051425AL

Review By	yogesh	Review On	5/14/2025 11:46:43 AM		
Supervise By	mohammad	Supervise On	5/16/2025 1:55:25 AM		
SubDirectory	FE051425AL	HP Acquire Method		HP Processing Method	FE051425AL

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	Q2014-02	FE053827.D	14 May 2025 20:34	YP\AJ	Dilution
23	Q2014-03	FE053828.D	14 May 2025 21:05	YP\AJ	Dilution
24	Q2014-04	FE053829.D	14 May 2025 21:35	YP\AJ	Dilution
25	Q2014-05	FE053830.D	14 May 2025 22:05	YP\AJ	Dilution
26	Q2014-06	FE053831.D	14 May 2025 22:35	YP\AJ	Dilution
27	I.BLK	FE053832.D	14 May 2025 23:35	YP\AJ	Ok
28	20 PPM ALIPHATIC HC STD	FE053833.D	15 May 2025 00:05	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE060325AL

Review By	yogesh	Review On	6/3/2025 10:21:26 AM		
Supervise By	mohammad	Supervise On	6/5/2025 1:34:56 AM		
SubDirectory	FE060325AL	HP Acquire Method		HP Processing Method	FE051425AL

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	FE054140.D	03 Jun 2025 06:43	YP\AJ	Ok
2	I.BLK	FE054141.D	03 Jun 2025 07:13	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE054142.D	03 Jun 2025 07:43	YP\AJ	Ok
4	Q2152-01DL	FE054143.D	03 Jun 2025 08:13	YP\AJ	Ok
5	Q2152-02DL	FE054144.D	03 Jun 2025 08:43	YP\AJ	Ok
6	Q2153-01DL	FE054145.D	03 Jun 2025 09:14	YP\AJ	Ok
7	Q2153-02DL	FE054146.D	03 Jun 2025 09:43	YP\AJ	Ok
8	I.BLK	FE054147.D	03 Jun 2025 10:44	YP\AJ	Ok
9	20 PPM ALIPHATIC HC STD	FE054148.D	03 Jun 2025 11:14	YP\AJ	Ok
10	PB168239BL	FE054149.D	03 Jun 2025 13:54	YP\AJ	Ok
11	PB168239BS	FE054150.D	03 Jun 2025 14:24	YP\AJ	Ok,M
12	PB168239BSD	FE054151.D	03 Jun 2025 14:55	YP\AJ	Ok,M
13	Q2147-03	FE054152.D	03 Jun 2025 15:25	YP\AJ	Ok
14	Q2147-04	FE054153.D	03 Jun 2025 15:55	YP\AJ	Ok
15	Q2147-05	FE054154.D	03 Jun 2025 16:25	YP\AJ	Ok
16	Q2147-05MS	FE054155.D	03 Jun 2025 16:56	YP\AJ	Ok,M
17	Q2147-05MSD	FE054156.D	03 Jun 2025 17:26	YP\AJ	Ok,M
18	Q2147-06	FE054157.D	03 Jun 2025 17:56	YP\AJ	Ok
19	Q2147-07	FE054158.D	03 Jun 2025 18:26	YP\AJ	Ok
20	Q2174-01	FE054159.D	03 Jun 2025 18:56	YP\AJ	Ok
21	Q2174-02	FE054160.D	03 Jun 2025 19:26	YP\AJ	Ok

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Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE060325AL

Review By	yogesh	Review On	6/3/2025 10:21:26 AM		
Supervise By	mohammad	Supervise On	6/5/2025 1:34:56 AM		
SubDirectory	FE060325AL	HP Acquire Method		HP Processing Method	FE051425AL

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	Q2174-03	FE054161.D	03 Jun 2025 19:57	YP\AJ	Ok,M
23	Q2179-01	FE054162.D	03 Jun 2025 20:27	YP\AJ	Ok
24	Q2179-02	FE054163.D	03 Jun 2025 20:57	YP\AJ	Ok
25	Q2179-03	FE054164.D	03 Jun 2025 21:27	YP\AJ	Ok
26	Q2179-04	FE054165.D	03 Jun 2025 21:57	YP\AJ	Ok
27	I.BLK	FE054166.D	03 Jun 2025 22:57	YP\AJ	Ok
28	20 PPM ALIPHATIC HC STD	FE054167.D	03 Jun 2025 23:27	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE051425AL

Review By	yogesh	Review On	5/14/2025 11:46:43 AM		
Supervise By	mohammad	Supervise On	5/16/2025 1:55:25 AM		
SubDirectory	FE051425AL	HP Acquire Method		HP Processing Method	FE051425AL

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	FE053806.D	14 May 2025 08:48		YP\AJ	Ok
2	I.BLK	I.BLK	FE053807.D	14 May 2025 09:18		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE053808.D	14 May 2025 09:48		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE053809.D	14 May 2025 10:18		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053810.D	14 May 2025 10:48		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE053811.D	14 May 2025 11:18		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE053812.D	14 May 2025 11:48		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053813.D	14 May 2025 12:18		YP\AJ	Ok
9	I.BLK	I.BLK	FE053814.D	14 May 2025 12:48		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053815.D	14 May 2025 13:18		YP\AJ	Ok
11	Q2019-01	MH-K	FE053816.D	14 May 2025 14:44		YP\AJ	Ok
12	Q2019-02	MH-K-EPH	FE053817.D	14 May 2025 15:13		YP\AJ	Ok
13	Q2020-01	TP-A	FE053818.D	14 May 2025 15:44		YP\AJ	Ok
14	Q2020-02	TP-A-EPH	FE053819.D	14 May 2025 16:14		YP\AJ	Ok
15	Q2022-02	COMP-1	FE053820.D	14 May 2025 16:44		YP\AJ	Ok
16	Q2022-03	COMP-1-EPH	FE053821.D	14 May 2025 17:14		YP\AJ	Ok
17	Q2022-04	COMP-2	FE053822.D	14 May 2025 18:04		YP\AJ	Ok
18	Q2022-05	COMP-2-EPH	FE053823.D	14 May 2025 18:34		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE051425AL

Review By	yogesh	Review On	5/14/2025 11:46:43 AM		
Supervise By	mohammad	Supervise On	5/16/2025 1:55:25 AM		
SubDirectory	FE051425AL	HP Acquire Method		HP Processing Method	FE051425AL

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	Q2024-01	PL-02-051325	FE053824.D	14 May 2025 19:04		YP\AJ	Ok,M
20	Q2024-02	PL-02-051325-E2	FE053825.D	14 May 2025 19:34		YP\AJ	Ok
21	Q2014-01	MOO-25-0134	FE053826.D	14 May 2025 20:04	need 50x dilution	YP\AJ	Dilution
22	Q2014-02	MOO-25-0134-E2	FE053827.D	14 May 2025 20:34	need 5x & 200x dilution	YP\AJ	Dilution
23	Q2014-03	MOO-25-0145	FE053828.D	14 May 2025 21:05	need 100x dilution	YP\AJ	Dilution
24	Q2014-04	MOO-25-0145-E2	FE053829.D	14 May 2025 21:35	need 100x dilution	YP\AJ	Dilution
25	Q2014-05	MOO-25-0148	FE053830.D	14 May 2025 22:05	need 1000x dilution	YP\AJ	Dilution
26	Q2014-06	MOO-25-0148-E2	FE053831.D	14 May 2025 22:35	need 500x dilution	YP\AJ	Dilution
27	I.BLK	I.BLK	FE053832.D	14 May 2025 23:35		YP\AJ	Ok
28	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053833.D	15 May 2025 00:05		YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE060325AL

Review By	yogesh	Review On	6/3/2025 10:21:26 AM		
Supervise By	mohammad	Supervise On	6/5/2025 1:34:56 AM		
SubDirectory	FE060325AL	HP Acquire Method		HP Processing Method	FE051425AL

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	FE054140.D	03 Jun 2025 06:43		YP\AJ	Ok
2	I.BLK	I.BLK	FE054141.D	03 Jun 2025 07:13		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054142.D	03 Jun 2025 07:43		YP\AJ	Ok
4	Q2152-01DL	OK-02-05292025DL	FE054143.D	03 Jun 2025 08:13		YP\AJ	Ok
5	Q2152-02DL	OK-02-05292025-E2DL	FE054144.D	03 Jun 2025 08:43		YP\AJ	Ok
6	Q2153-01DL	TR-04-0592025DL	FE054145.D	03 Jun 2025 09:14		YP\AJ	Ok
7	Q2153-02DL	TR-04-0592025-E2DL	FE054146.D	03 Jun 2025 09:43		YP\AJ	Ok
8	I.BLK	I.BLK	FE054147.D	03 Jun 2025 10:44		YP\AJ	Ok
9	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054148.D	03 Jun 2025 11:14		YP\AJ	Ok
10	PB168239BL	PB168239BL	FE054149.D	03 Jun 2025 13:54		YP\AJ	Ok
11	PB168239BS	PB168239BS	FE054150.D	03 Jun 2025 14:24		YP\AJ	Ok,M
12	PB168239BSD	PB168239BSD	FE054151.D	03 Jun 2025 14:55		YP\AJ	Ok,M
13	Q2147-03	1	FE054152.D	03 Jun 2025 15:25		YP\AJ	Ok
14	Q2147-04	2	FE054153.D	03 Jun 2025 15:55		YP\AJ	Ok
15	Q2147-05	3	FE054154.D	03 Jun 2025 16:25		YP\AJ	Ok
16	Q2147-05MS	3MS	FE054155.D	03 Jun 2025 16:56	FE054154.D	YP\AJ	Ok,M
17	Q2147-05MSD	3MSD	FE054156.D	03 Jun 2025 17:26	FE054154.D!FE054155.D	YP\AJ	Ok,M
18	Q2147-06	4	FE054157.D	03 Jun 2025 17:56		YP\AJ	Ok

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Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE060325AL

Review By	yogesh	Review On	6/3/2025 10:21:26 AM		
Supervise By	mohammad	Supervise On	6/5/2025 1:34:56 AM		
SubDirectory	FE060325AL	HP Acquire Method		HP Processing Method	FE051425AL

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	Q2147-07	5	FE054158.D	03 Jun 2025 18:26		YP\AJ	Ok
20	Q2174-01	DP1	FE054159.D	03 Jun 2025 18:56		YP\AJ	Ok
21	Q2174-02	D1	FE054160.D	03 Jun 2025 19:26		YP\AJ	Ok
22	Q2174-03	D2	FE054161.D	03 Jun 2025 19:57		YP\AJ	Ok,M
23	Q2179-01	D3	FE054162.D	03 Jun 2025 20:27		YP\AJ	Ok
24	Q2179-02	D4	FE054163.D	03 Jun 2025 20:57		YP\AJ	Ok
25	Q2179-03	D5	FE054164.D	03 Jun 2025 21:27		YP\AJ	Ok
26	Q2179-04	D6	FE054165.D	03 Jun 2025 21:57		YP\AJ	Ok
27	I.BLK	I.BLK	FE054166.D	03 Jun 2025 22:57		YP\AJ	Ok
28	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054167.D	03 Jun 2025 23:27		YP\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168239

SOP ID:	MNJDEP-EPH-7				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/03/2025
Matrix :	Solid			**Extraction Start Time :**	10:00
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	06/03/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	13:25
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	PP24573
Surrogate	1.0ML	100 PPM	PP24591
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2620
Sand	N/A	E2865
Methylene Chloride	N/A	E3939
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:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/3/25	RS (Ext bb)	Y.P PESTIP(3)
18:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168239

Analytical Method: MNJDEP-EPH-7

Concentration Date: 06/03/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168239BL	PB168239BL	EPH_F2	30.03	N/A	ritesh	Evelyn	2			U6-1
PB168239BS	PB168239BS	EPH_F2	30.02	N/A	ritesh	Evelyn	2			2
PB168239BSD	PB168239BSD	EPH_F2	30.02	N/A	ritesh	Evelyn	2			3
Q2147-03	1	EPH_F2	30.06	N/A	ritesh	Evelyn	2			4
Q2147-04	2	EPH_F2	30.01	N/A	ritesh	Evelyn	2			5
Q2147-05	3	EPH_F2	30.05	N/A	ritesh	Evelyn	2			6
Q2147-05MS	3MS	EPH_F2	30.08	N/A	ritesh	Evelyn	2			U3-1
Q2147-05MSD	3MSD	EPH_F2	30.06	N/A	ritesh	Evelyn	2			2
Q2147-06	4	EPH_F2	30.02	N/A	ritesh	Evelyn	2			3
Q2147-07	5	EPH_F2	30.05	N/A	ritesh	Evelyn	2			4
Q2174-01	DP1	EPH_F2	30.08	N/A	ritesh	Evelyn	2			5
Q2174-02	D1	EPH_F2	30.06	N/A	ritesh	Evelyn	2			6
Q2174-03	D2	EPH_F2	30.02	N/A	ritesh	Evelyn	2			U2-1
Q2179-01	D3	EPH_F2	30.05	N/A	ritesh	Evelyn	2		Stone	2
Q2179-02	D4	EPH_F2	30.04	N/A	ritesh	Evelyn	2		Stone	3
Q2179-03	D5	EPH_F2	30.01	N/A	ritesh	Evelyn	2		Stone	4
Q2179-04	D6	EPH_F2	30.07	N/A	ritesh	Evelyn	2		Stone	5

RS
6/3

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

Q2179 10:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2147 **WorkList ID :** 189864 **Department :** Extraction **Date :** 06-03-2025 09:18:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2174-01	DP1	Solid	EPH_F2	Cool 4 deg C	GENV01	L41	05/30/2025	NJEPH
Q2174-02	D1	Solid	EPH_F2	Cool 4 deg C	GENV01	L41	05/30/2025	NJEPH
Q2174-03	D2	Solid	EPH_F2	Cool 4 deg C	GENV01	L41	05/30/2025	NJEPH
Q2179-01	D3	Solid	EPH_F2	Cool 4 deg C	GENV01	N11	06/02/2025	NJEPH
Q2179-02	D4	Solid	EPH_F2	Cool 4 deg C	GENV01	N11	06/02/2025	NJEPH
Q2179-03	D5	Solid	EPH_F2	Cool 4 deg C	GENV01	N11	06/02/2025	NJEPH
Q2179-04	D6	Solid	EPH_F2	Cool 4 deg C	GENV01	N11	06/02/2025	NJEPH
Q2147-03	1	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/27/2025	NJEPH
Q2147-04	2	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/27/2025	NJEPH
Q2147-05	3	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/27/2025	NJEPH
Q2147-06	4	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/27/2025	NJEPH
Q2147-07	5	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/27/2025	NJEPH

130 of 134

Date/Time 06/03/25 9:55
Raw Sample Received by: RJ (LEH-Lab)
Raw Sample Relinquished by: SM

Date/Time 06/03/25 10:15
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (LEH-Lab)

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

LAB CHRONICLE

OrderID:	Q2179	**OrderDate:**	6/2/2025 12:46:00 PM
Client:	G Environmental	**Project:**	DeCamp
Contact:	Gary Landis	**Location:**	N11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2179-01	**D3**	**Solid**			**06/02/25**			**06/02/25**
			EPH_F2	NJEPH		06/03/25	06/03/25	
Q2179-02	**D4**	**Solid**			**06/02/25**			**06/02/25**
			EPH_F2	NJEPH		06/03/25	06/03/25	
Q2179-03	**D5**	**Solid**			**06/02/25**			**06/02/25**
			EPH_F2	NJEPH		06/03/25	06/03/25	
Q2179-04	**D6**	**Solid**			**06/02/25**			**06/02/25**
			EPH_F2	NJEPH		06/03/25	06/03/25	

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. Q2179
COC Number 2045885

6
6.1

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO: COMPANY: GCCP INC	PROJECT NAME: DeCamp	BILL TO: GCCP INC PO#:
ADDRESS: 8 CARRIAGE	PROJECT NO.: LOCATION: NJ	ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:	PROJECT MANAGER: GL	CITY Succasunna STATE NJ ZIP:
ATTENTION: GL	e-mail:	ATTENTION: PHONE:
PHONE: FAX:	PHONE: FAX:	

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard EPH 5 days DAYS*
HARDCOPY (DATA PACKAGE): ______ DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data) pdf
- ☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA C
- ☐ Level 3 (Results + QC ☐ NYS ASP A ☐ NYS ASP B + Raw Data) ☐ Other SRP excel
- ☒ EDD FORMAT hasite edd NJdkp

ANALYSIS

1. EPH Cat 1
2. (contingent 2 methylnaphthalene / Naphthalene)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	COMP	GRAB	DATE	TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
							PRESERVATIVES →	ice									← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER
1.	D3	Soil		X	6/2/25	0945	1	X	(contingent SRP)								
2.	D4	|		|	|	0956	1	X									
3.	D5	|		|	|	1100	1	X									
4.	D6	Soil		X	6/2/25	1125	1	X									
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	6/2/25 1220	1. [signature]
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: 5-day EPH Cat 1 (then depending on Results 2methylnaphthalene/Naphthalene

Page ___ of ___

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488