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Cover Page

Order ID : Q2618

Project ID : 166 Belmont Ave Belleville

Client : Sciacca General Contractors, LLC

Lab Sample Number	Client Sample Number
Q2618-01	WASTE
Q2618-02	VOC
Q2618-03	1
Q2618-04	2
Q2618-05	3
Q2618-06	4
Q2618-07	5
Q2618-08	6

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: 7/24/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Sciacca General Contractors, LLC
Project Name: 166 Belmont Ave Belleville
Project # N/A
Order ID # Q2618
Test Name: EPH_F2

A. Number of Samples and Date of Receipt:
6 Solid samples were received on 07/16/2025.

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 were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2618-08MS} with File ID: FE054930.D recoveries met the requirements for all compounds except for Aliphatic [n-Decane (C10)- 146%] due to matrix interference.

The MS {Q2618-08MSD} with File ID: FE054931.D recoveries met the requirements for all compounds except for Aliphatic [n-Decane (C10)- 141%] due to matrix interference.

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

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

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

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Signature_____

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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 #: **Q2618**

	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: **PRADIP PRAJAPATI** **Date:** **07/24/2025**

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LAB CHRONICLE

OrderID:	Q2618	**OrderDate:**	7/16/2025 12:13:00 PM
Client:	Sciacca General Contractors, LLC	**Project:**	166 Belmont Ave Belleville
Contact:	Rosanne Scirica	**Location:**	--Select--,O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2618-01	**WASTE**	**SOIL**			**07/16/25**			**07/16/25**
			TPH GC	8015D		07/17/25	07/18/25	
Q2618-03	**1**	**Solid**			**07/16/25**			**07/16/25**
			EPH_F2	NJEPH		07/18/25	07/18/25	
Q2618-04	**2**	**Solid**			**07/16/25**			**07/16/25**
			EPH_F2	NJEPH		07/18/25	07/18/25	
Q2618-05	**3**	**Solid**			**07/16/25**			**07/16/25**
			EPH_F2	NJEPH		07/18/25	07/18/25	
Q2618-06	**4**	**Solid**			**07/16/25**			**07/16/25**
			EPH_F2	NJEPH		07/18/25	07/18/25	
Q2618-07	**5**	**Solid**			**07/16/25**			**07/16/25**
			EPH_F2	NJEPH		07/18/25	07/18/25	
Q2618-08	**6**	**Solid**			**07/16/25**			**07/16/25**
			EPH_F2	NJEPH		07/18/25	07/18/25	

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: SCIA01

Lab Code: ACE SDG No.: Q2618

Run Number: FE071825AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168910BL	75	75		0
PB168910BS	70	69		0
PB168910BSD	68	67		0
1	67	68		0
2	66	68		0
3	76	78		0
4	70	72		0
5	72	73		0
6	71	71		0
6MS	66	65		0
6MSD	71	71		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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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: Alliance **Client:** Sciacca General Contractors, LLC

Lab Code: ACE **SDG No:** Q2618

Sample No : Q2618-08MS **Datafile:** FE054930.D **Client ID :** 6MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	32.0	4.84	28.6	74		(40-140)
Aliphatic C9-C28	106.8	20.2	88.0	63		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.6	0.0000	2.3692	66		(40-140)
n-Decane (C10)	3.6	0.0000	5.2614	146	*	(40-140)
Naphthalene (C11.7)	3.6	0.0000	2.6848	75		(40-140)
n-Dodecane (C12)	3.6	0.0000	2.5647	71		(40-140)
2-methylnaphthalene (C12.89)	3.6	0.0000	2.5364	70		(40-140)
n-Tetradecane (C14)	3.6	0.0000	2.5845	72		(40-140)
n-Hexadecane (C16)	3.6	0.0000	2.7623	77		(40-140)
n-Octadecane (C18)	3.6	0.0000	3.1561	88		(40-140)
n-Eicosane (C20)	3.6	0.0000	3.0605	85		(40-140)
n-Heneicosane (C21)	3.6	0.0000	2.6260	73		(40-140)
n-Docosane (C22)	3.6	0.0000	2.6191	73		(40-140)
n-Tetracosane (C24)	7.1	0.0000	7.4589	105		(40-140)
n-Hexacosane (C26)	3.6	0.0000	2.2716	63		(40-140)
n-Octacosane (C28)	3.6	0.0000	2.2734	63		(40-140)
n-Tricontane (C30)	3.6	0.0000	2.1080	59		(40-140)
n-Dotriacontane (C32)	3.6	0.0000	2.0594	57		(40-140)
n-Tetratriacontane (C34)	3.6	0.0000	2.3667	66		(40-140)
n-Hexatriacontane (C36)	3.6	0.0000	2.7270	76		(40-140)
n-Octatriacontane (C38)	3.6	0.0000	3.4740	97		(40-140)
n-Tetracontane (C40)	3.6	0.0000	3.4224	95		(40-140)

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SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Sciacca General Contractors, LLC

Lab Code: ACE **SDG No:** Q2618

Sample No : Q2618-08MSD **Datafile:** FE054931.D **Client ID :** 6MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	32.1	4.84	28.0	72		2.73 |	(40-140)	50
Aliphatic C9-C28	106.9	20.2	87.7	63		0.5 |	(40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	3.6	0.0000	2.2884	64		3.08 |	(40-140)	50
n-Decane (C10)	3.6	0.0000	5.0931	141	*	3.48 |	(40-140)	50
Naphthalene (C11.7)	3.6	0.0000	2.5929	72		4.08 |	(40-140)	50
n-Dodecane (C12)	3.6	0.0000	2.4834	69		2.86 |	(40-140)	50
2-methylnaphthalene (C12.89)	3.6	0.0000	2.4687	69		1.44 |	(40-140)	50
n-Tetradecane (C14)	3.6	0.0000	2.5144	70		2.82 |	(40-140)	50
n-Hexadecane (C16)	3.6	0.0000	2.7045	75		2.63 |	(40-140)	50
n-Octadecane (C18)	3.6	0.0000	2.8133	78		12.05 |	(40-140)	50
n-Eicosane (C20)	3.6	0.0000	3.0334	84		1.18 |	(40-140)	50
n-Heneicosane (C21)	3.6	0.0000	2.6037	72		1.38 |	(40-140)	50
n-Docosane (C22)	3.6	0.0000	2.5151	70		4.2 |	(40-140)	50
n-Tetracosane (C24)	7.1	0.0000	7.2629	102		2.9 |	(40-140)	50
n-Hexacosane (C26)	3.6	0.0000	2.2197	62		1.6 |	(40-140)	50
n-Octacosane (C28)	3.6	0.0000	2.2180	62		1.6 |	(40-140)	50
n-Tricontane (C30)	3.6	0.0000	2.0774	58		1.71 |	(40-140)	50
n-Dotriacontane (C32)	3.6	0.0000	2.0077	56		1.77 |	(40-140)	50
n-Tetratriacontane (C34)	3.6	0.0000	2.2880	64		3.08 |	(40-140)	50
n-Hexatriacontane (C36)	3.6	0.0000	2.6935	75		1.32 |	(40-140)	50
n-Octatriacontane (C38)	3.6	0.0000	3.3058	92		5.29 |	(40-140)	50
n-Tetracontane (C40)	3.6	0.0000	3.2980	92		3.21 |	(40-140)	50

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SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Sciacca General Contractors, LLC

Lab Code: ACE **SDG No:** Q2618

Sample No : PB168910BS **Datafile:** FE054922.D **Client ID :** PB168910BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	20.6	69		(40-140)
Aliphatic C9-C28	99.9	59.8	60		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.94189	59		(40-140)
n-Decane (C10)	3.3	2.07294	63		(40-140)
Naphthalene (C11.7)	3.3	2.28477	69		(40-140)
n-Dodecane (C12)	3.3	2.18099	66		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.17915	66		(40-140)
n-Tetradecane (C14)	3.3	2.19711	67		(40-140)
n-Hexadecane (C16)	3.3	2.16502	66		(40-140)
n-Octadecane (C18)	3.3	2.09403	63		(40-140)
n-Eicosane (C20)	3.3	2.18395	66		(40-140)
n-Heneicosane (C21)	3.3	2.10162	64		(40-140)
n-Docosane (C22)	3.3	2.07333	63		(40-140)
n-Tetracosane (C24)	6.7	4.21840	63		(40-140)
n-Hexacosane (C26)	3.3	1.99332	60		(40-140)
n-Octacosane (C28)	3.3	1.96375	60		(40-140)
n-Tricontane (C30)	3.3	1.85318	56		(40-140)
n-Dotriacontane (C32)	3.3	1.80803	55		(40-140)
n-Tetratriacontane (C34)	3.3	2.01031	61		(40-140)
n-Hexatriacontane (C36)	3.3	2.18736	66		(40-140)
n-Octatriacontane (C38)	3.3	2.65450	80		(40-140)
n-Tetracontane (C40)	3.3	2.71868	82		(40-140)

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SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Sciacca General Contractors, LLC

Lab Code: ACE **SDG No:** Q2618

Sample No : PB168910BSD **Datafile:** FE054923.D **Client ID :** PB168910BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	20.4	68		0.991|	(40-140)	25
Aliphatic C9-C28	100.1	59.1	60		1|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	3.3	1.96659	60		1.68|	(40-140)	25
n-Decane (C10)	3.3	2.09184	63		0|	(40-140)	25
Naphthalene (C11.7)	3.3	2.26966	69		0|	(40-140)	25
n-Dodecane (C12)	3.3	2.18432	66		0|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.16321	66		0|	(40-140)	25
n-Tetradecane (C14)	3.3	2.18284	66		1.5|	(40-140)	25
n-Hexadecane (C16)	3.3	2.14441	65		1.53|	(40-140)	25
n-Octadecane (C18)	3.3	2.06440	63		0|	(40-140)	25
n-Eicosane (C20)	3.3	2.14802	65		1.53|	(40-140)	25
n-Heneicosane (C21)	3.3	2.06412	63		1.57|	(40-140)	25
n-Docosane (C22)	3.3	2.03727	62		1.6|	(40-140)	25
n-Tetracosane (C24)	6.7	4.16360	62		1.6|	(40-140)	25
n-Hexacosane (C26)	3.3	1.96285	59		1.68|	(40-140)	25
n-Octacosane (C28)	3.3	1.93319	59		1.68|	(40-140)	25
n-Tricontane (C30)	3.3	1.82339	55		1.8|	(40-140)	25
n-Dotriacontane (C32)	3.3	1.77612	54		1.83|	(40-140)	25
n-Tetratriacontane (C34)	3.3	1.98979	60		1.65|	(40-140)	25
n-Hexatriacontane (C36)	3.3	2.14815	65		1.53|	(40-140)	25
n-Octatriacontane (C38)	3.3	2.57715	78		2.53|	(40-140)	25
n-Tetracontane (C40)	3.3	2.73968	83		1.21|	(40-140)	25

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4B

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB168910BL

Lab Name: Alliance Contract: SCIA01

Lab Code: ACE SDG NO.: Q2618

Instrument ID: FID_E Lab Sample ID: PB168910BL

Matrix: (soil/water) Solid Date Extracted: 7/18/2025 8:55:00 A

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB168910BS	PB168910BS
PB168910BSD	PB168910BSD
1	Q2618-03
2	Q2618-04
3	Q2618-05
4	Q2618-06
5	Q2618-07
6	Q2618-08
6MS	Q2618-08MS
6MSD	Q2618-08MSD

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	1	SDG No.:	Q2618
Lab Sample ID:	Q2618-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.1
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
07/18/25 08:55	07/18/25 13:55	PB168910

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	11.8		1	1.00	4.39	mg/kg	FE054924.D
Total EPH	Total EPH	11.8			1.00	4.39	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:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	1	SDG No.:	Q2618
Lab Sample ID:	Q2618-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.1
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
FE054924.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	11.8		1.00	4.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.77		1.29	2.19	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.7		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.0		40 - 140	68%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2618-03	Acq On:	18 Jul 2025 13:55
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE054924.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.330	6.963	296089	2.176	300	ug/ml
Aliphatic C12-C16	6.964	10.415	1322504	9.408	200	ug/ml
Aliphatic C16-C21	10.416	13.793	15154465	104.952	300	ug/ml
Aliphatic C21-C28	13.794	17.463	6548171	45.269	400	ug/ml
Aliphatic C28-C40	17.464	22.490	9040287	65.203	600	ug/ml
Aliphatic EPH	3.330	22.490	32361516	227.009		ug/ml
ortho-Terphenyl (SURR)	12.088	12.088	5520080	33.99		ug/ml
1-chlorooctadecane (SURR)	13.524	13.524	4260430	33.73		ug/ml
Aliphatic C9-C28	3.330	17.463	23321229	161.805	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054924.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 13:55
Operator : YP\AJ
Sample : Q2618-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
1

Integration File: autoint1.e
Quant Time: Jul 18 23:10:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.088	5520080	33.992 ug/ml
Spiked Amount 50.000		Recovery =	67.98%
12) S 1-chlorooctadecane (S...	13.524	4260430	33.734 ug/ml
Spiked Amount 50.000		Recovery =	67.47%
Target Compounds			

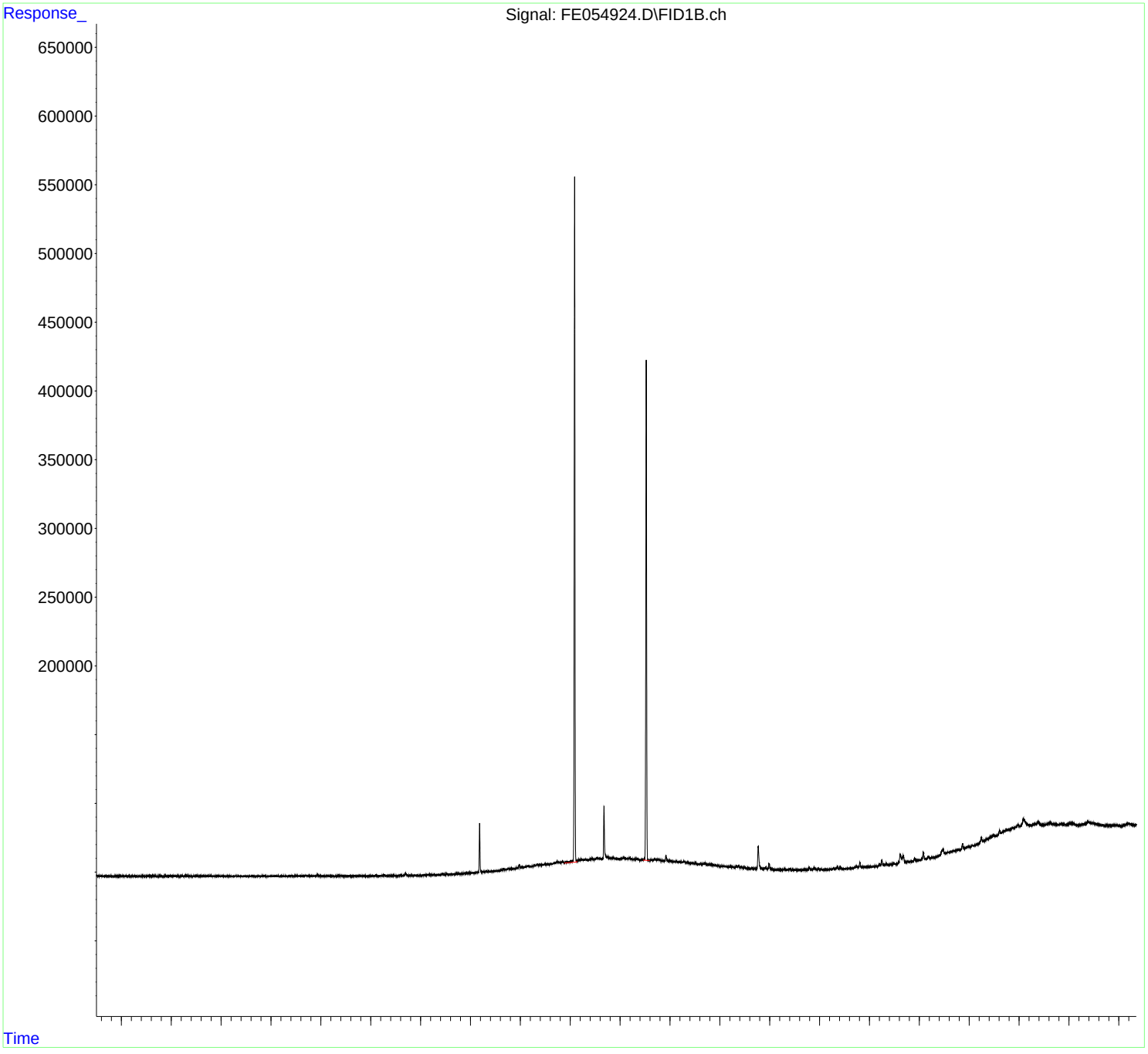
(f)=RT Delta > 1/2 Window (m)=manual int.

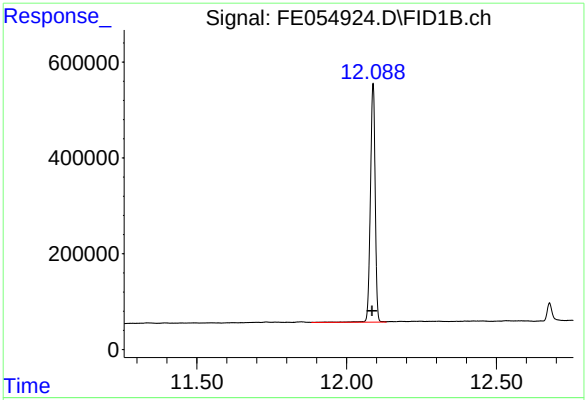
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054924.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 13:55
Operator : YP\AJ
Sample : Q2618-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
1

Integration File: autoint1.e
Quant Time: Jul 18 23:10:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

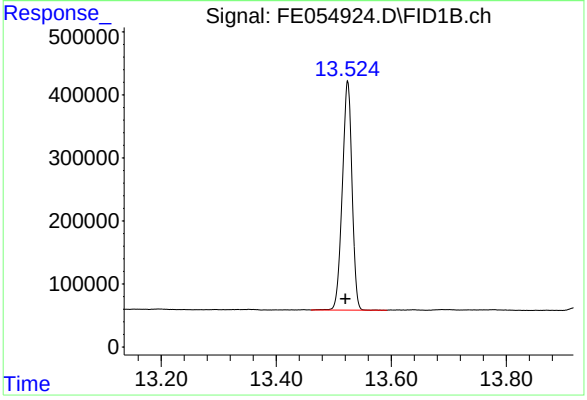




#9 ortho-Terphenyl (SURR)

R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 5520080
Conc: 33.99 ug/ml

Instrument :
FID_E
ClientSampleId :
1



#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4260430
Conc: 33.73 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054924.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 13:55
Sample : Q2618-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.841	2.804	2.901	BV	93	2188	0.03%	0.005%
2	2.933	2.901	2.956	PV	145	1749	0.03%	0.004%
3	2.982	2.956	2.993	VV	130	1581	0.02%	0.004%
4	2.999	2.993	3.051	VV	92	2178	0.03%	0.005%
5	3.086	3.051	3.148	VV	196	5431	0.09%	0.012%
6	3.158	3.148	3.172	VV	134	1123	0.02%	0.003%
7	3.180	3.172	3.216	VV	143	1968	0.03%	0.005%
8	3.230	3.216	3.268	PV	94	2222	0.04%	0.005%
9	3.296	3.268	3.334	VV	171	4317	0.07%	0.010%
10	3.339	3.334	3.371	VV	163	2074	0.03%	0.005%
11	3.427	3.371	3.441	VV	149	3996	0.06%	0.009%
12	3.449	3.441	3.459	VV	128	1176	0.02%	0.003%
13	3.466	3.459	3.487	VV	128	1441	0.02%	0.003%
14	3.498	3.487	3.513	VV	105	1124	0.02%	0.003%
15	3.568	3.513	3.585	VV	162	4171	0.07%	0.010%
16	3.604	3.585	3.620	VV	185	2665	0.04%	0.006%
17	3.628	3.620	3.635	VV	152	1087	0.02%	0.002%
18	3.651	3.635	3.664	VV	234	2324	0.04%	0.005%
19	3.669	3.664	3.688	VV	224	1994	0.03%	0.005%
20	3.703	3.688	3.724	VV	174	3270	0.05%	0.007%
21	3.736	3.724	3.856	VV	152	9660	0.15%	0.022%
22	3.873	3.856	3.898	VV	183	2713	0.04%	0.006%
23	3.912	3.898	3.932	VV	121	1901	0.03%	0.004%
24	3.943	3.932	4.006	VV	157	3675	0.06%	0.008%
25	4.023	4.006	4.051	VV	168	2962	0.05%	0.007%
26	4.067	4.051	4.084	VV	178	2134	0.03%	0.005%
27	4.095	4.084	4.124	VV	127	2437	0.04%	0.006%
28	4.136	4.124	4.148	VV	157	1678	0.03%	0.004%
29	4.155	4.148	4.168	VV	173	1150	0.02%	0.003%
30	4.178	4.168	4.197	VV	102	1429	0.02%	0.003%
31	4.218	4.197	4.246	VV	363	5230	0.08%	0.012%
32	4.280	4.246	4.321	VV	349	9317	0.15%	0.021%
33	4.329	4.321	4.364	VV	184	3819	0.06%	0.009%
34	4.425	4.364	4.445	VV	227	7273	0.11%	0.017%
35	4.465	4.445	4.505	VV	234	5891	0.09%	0.013%
36	4.533	4.505	4.578	VV	259	7037	0.11%	0.016%

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37	4.590	4.578	4.620	VV	164	2885	0.05%	0.007%
38	4.684	4.620	4.714	VV	282	8403	0.13%	0.019%
39	4.728	4.714	4.754	VV	183	3445	0.05%	0.008%
40	4.854	4.754	4.904	VV	240	9964	0.16%	0.023%
41	4.936	4.904	4.968	VV	233	3971	0.06%	0.009%
42	4.974	4.968	5.026	VV	176	3743	0.06%	0.009%
43	5.061	5.026	5.081	VV	169	3608	0.06%	0.008%
44	5.110	5.081	5.133	VV	164	3979	0.06%	0.009%
45	5.147	5.133	5.184	VV	130	2849	0.04%	0.007%
46	5.188	5.184	5.268	VV	135	3628	0.06%	0.008%
47	5.293	5.268	5.313	VV	398	4484	0.07%	0.010%
48	5.345	5.313	5.381	PV	159	4070	0.06%	0.009%
49	5.405	5.381	5.429	VV	183	3172	0.05%	0.007%
50	5.439	5.429	5.604	VV	114	7956	0.13%	0.018%
51	5.631	5.604	5.653	VV	390	5257	0.08%	0.012%
52	5.673	5.653	5.691	VV	99	1915	0.03%	0.004%
53	5.707	5.691	5.731	VV	103	1709	0.03%	0.004%
54	5.740	5.731	5.754	VV	77	818	0.01%	0.002%
55	5.773	5.754	5.804	VV	141	2308	0.04%	0.005%
56	5.862	5.804	5.934	VV	597	14118	0.22%	0.032%
57	5.999	5.934	6.009	VV	187	4156	0.07%	0.010%
58	6.015	6.009	6.029	VV	173	1414	0.02%	0.003%
59	6.037	6.029	6.045	VV	145	890	0.01%	0.002%
60	6.070	6.045	6.132	VV	210	5452	0.09%	0.012%
61	6.145	6.132	6.184	VV	219	3216	0.05%	0.007%
62	6.197	6.184	6.224	VV	144	2216	0.03%	0.005%
63	6.228	6.224	6.248	VV	220	1253	0.02%	0.003%
64	6.262	6.248	6.281	VV	146	1487	0.02%	0.003%
65	6.369	6.281	6.382	VV	191	6878	0.11%	0.016%
66	6.409	6.382	6.471	VV	462	13212	0.21%	0.030%
67	6.484	6.471	6.523	VV	352	7827	0.12%	0.018%
68	6.534	6.523	6.542	VV	191	1869	0.03%	0.004%
69	6.554	6.542	6.578	VV	260	4184	0.07%	0.010%
70	6.599	6.578	6.611	VV	200	2768	0.04%	0.006%
71	6.628	6.611	6.644	VV	223	3496	0.06%	0.008%
72	6.655	6.644	6.677	VV	238	3885	0.06%	0.009%
73	6.698	6.677	6.733	VV	622	10225	0.16%	0.023%
74	6.752	6.733	6.762	VV	196	2678	0.04%	0.006%
75	6.792	6.762	6.821	VV	217	5362	0.08%	0.012%
76	6.835	6.821	6.848	VV	186	2430	0.04%	0.006%
77	6.861	6.848	6.893	VV	245	5162	0.08%	0.012%
78	6.902	6.893	6.911	VV	197	1788	0.03%	0.004%
79	6.935	6.911	6.982	VV	1280	18331	0.29%	0.042%
80	6.988	6.982	6.998	VV	181	1519	0.02%	0.003%
81	7.031	6.998	7.051	VV	196	4099	0.06%	0.009%
82	7.063	7.051	7.099	VV	133	2848	0.04%	0.007%
83	7.108	7.099	7.115	VV	137	958	0.02%	0.002%
84	7.122	7.115	7.130	VV	138	898	0.01%	0.002%
85	7.150	7.130	7.171	VV	190	3109	0.05%	0.007%
86	7.187	7.171	7.240	VV	160	4466	0.07%	0.010%
87	7.251	7.240	7.291	VV	147	2162	0.03%	0.005%
88	7.366	7.291	7.384	PV	350	10360	0.16%	0.024%
89	7.393	7.384	7.477	VV	280	9811	0.15%	0.022%

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90	7.501	7.477	7.527	VV	197	4039	0.06%	0.009%
91	7.542	7.527	7.574	VV	261	4915	0.08%	0.011%
92	7.580	7.574	7.638	VV	185	4077	0.06%	0.009%
93	7.677	7.638	7.691	VV	201	3613	0.06%	0.008%
94	7.700	7.691	7.763	VV	198	4498	0.07%	0.010%
95	7.805	7.763	7.822	VV	171	4272	0.07%	0.010%
96	7.844	7.822	7.864	VV	146	2328	0.04%	0.005%
97	7.873	7.864	7.888	VV	111	798	0.01%	0.002%
98	7.898	7.888	7.921	VV	88	793	0.01%	0.002%
99	7.933	7.921	7.944	VV	80	882	0.01%	0.002%
100	7.955	7.944	7.968	VV	178	1587	0.03%	0.004%
101	7.980	7.968	7.991	VV	108	1036	0.02%	0.002%
102	8.003	7.991	8.014	PV	70	794	0.01%	0.002%
103	8.036	8.014	8.077	VV	127	2216	0.03%	0.005%
104	8.103	8.077	8.154	VV	632	7763	0.12%	0.018%
105	8.172	8.154	8.221	VV	127	2384	0.04%	0.005%
106	8.273	8.221	8.359	VV	848	16728	0.26%	0.038%
107	8.381	8.359	8.390	VV	97	1081	0.02%	0.002%
108	8.401	8.390	8.410	VV	110	563	0.01%	0.001%
109	8.422	8.410	8.434	VV	82	952	0.02%	0.002%
110	8.442	8.434	8.458	VV	83	820	0.01%	0.002%
111	8.526	8.458	8.531	PV	148	2635	0.04%	0.006%
112	8.539	8.531	8.551	VV	127	1046	0.02%	0.002%
113	8.588	8.551	8.639	VV	447	11058	0.17%	0.025%
114	8.696	8.639	8.748	VV	1618	39466	0.62%	0.090%
115	8.760	8.748	8.791	VV	197	2953	0.05%	0.007%
116	8.817	8.791	8.868	VV	264	5632	0.09%	0.013%
117	8.876	8.868	8.910	VV	121	2139	0.03%	0.005%
118	8.929	8.910	8.956	PV	160	2526	0.04%	0.006%
119	8.991	8.956	9.047	PV	115	3401	0.05%	0.008%
120	9.083	9.047	9.097	VV	225	4954	0.08%	0.011%
121	9.133	9.097	9.151	VV	500	9637	0.15%	0.022%
122	9.174	9.151	9.217	VV	656	15422	0.24%	0.035%
123	9.232	9.217	9.311	VV	586	17078	0.27%	0.039%
124	9.328	9.311	9.339	VV	382	5192	0.08%	0.012%
125	9.356	9.339	9.378	VV	358	7638	0.12%	0.017%
126	9.432	9.378	9.474	VV	1037	35116	0.55%	0.080%
127	9.482	9.474	9.499	VV	538	7947	0.13%	0.018%
128	9.525	9.499	9.544	VV	887	19235	0.30%	0.044%
129	9.576	9.544	9.586	VV	582	13641	0.22%	0.031%
130	9.618	9.586	9.645	VV	629	20085	0.32%	0.046%
131	9.715	9.645	9.731	VV	903	36569	0.58%	0.084%
132	9.746	9.731	9.763	VV	932	15791	0.25%	0.036%
133	9.774	9.763	9.783	VV	817	8987	0.14%	0.021%
134	9.828	9.783	9.838	VV	979	28728	0.45%	0.066%
135	9.876	9.838	9.887	VV	1320	33319	0.53%	0.076%
136	9.908	9.887	9.934	VV	1492	36969	0.58%	0.085%
137	9.946	9.934	9.964	VV	1230	21644	0.34%	0.050%
138	10.042	9.964	10.054	VV	1466	71385	1.13%	0.163%
139	10.081	10.054	10.113	VV	1621	52270	0.83%	0.120%
140	10.139	10.113	10.156	VV	1886	43741	0.69%	0.100%
141	10.183	10.156	10.221	VV	37472	436135	6.89%	0.999%

142	10.246	10.221	10.268	VV	2117	55742	0.88%	0.128%
143	10.310	10.268	10.345	VV	2644	102903	1.62%	0.236%
144	10.365	10.345	10.380	VV	2236	45151	0.71%	0.103%
145	10.417	10.380	10.433	VV	2545	72530	1.15%	0.166%
146	10.487	10.433	10.501	VV	2728	102832	1.62%	0.235%
147	10.521	10.501	10.530	VV	2709	45926	0.73%	0.105%
148	10.557	10.530	10.574	VV	2787	71870	1.13%	0.165%
149	10.592	10.574	10.604	VV	2994	50951	0.80%	0.117%
150	10.660	10.604	10.684	VV	4236	163843	2.59%	0.375%
151	10.710	10.684	10.728	VV	3704	92683	1.46%	0.212%
152	10.759	10.728	10.784	VV	4048	128589	2.03%	0.294%
153	10.801	10.784	10.818	VV	4077	79843	1.26%	0.183%
154	10.836	10.818	10.847	VV	4073	67879	1.07%	0.155%
155	10.859	10.847	10.888	VV	4136	99719	1.57%	0.228%
156	10.935	10.888	10.944	VV	4736	145815	2.30%	0.334%
157	10.978	10.944	10.999	VV	6897	177586	2.80%	0.407%
158	11.011	10.999	11.031	VV	5014	93820	1.48%	0.215%
159	11.051	11.031	11.069	VV	5373	116299	1.84%	0.266%
160	11.155	11.069	11.184	VV	6021	371444	5.86%	0.851%
161	11.192	11.184	11.209	VV	5465	78052	1.23%	0.179%
162	11.234	11.209	11.245	VV	5822	120455	1.90%	0.276%
163	11.335	11.245	11.368	VV	7063	463981	7.33%	1.063%
164	11.394	11.368	11.428	VV	6900	236087	3.73%	0.541%
165	11.449	11.428	11.464	VV	6722	142103	2.24%	0.325%
166	11.490	11.464	11.508	VV	6943	180837	2.85%	0.414%
167	11.548	11.508	11.582	VV	7054	305904	4.83%	0.701%
168	11.619	11.582	11.637	VV	7292	233731	3.69%	0.535%
169	11.699	11.637	11.714	VV	8059	349582	5.52%	0.801%
170	11.732	11.714	11.748	VV	8825	170293	2.69%	0.390%
171	11.762	11.748	11.791	VV	8500	209717	3.31%	0.480%
172	11.803	11.791	11.819	VV	8129	135365	2.14%	0.310%
173	11.848	11.819	11.893	VV	9069	367655	5.80%	0.842%
174	11.949	11.893	11.959	VV	8501	330600	5.22%	0.757%
175	12.088	11.959	12.131	VV	507985	6334096	100.00%	14.505%
176	12.148	12.131	12.164	VV	9457	185573	2.93%	0.425%
177	12.181	12.164	12.204	VV	9842	229772	3.63%	0.526%
178	12.246	12.204	12.262	VV	10133	337497	5.33%	0.773%
179	12.308	12.262	12.341	VV	10088	461400	7.28%	1.057%
180	12.395	12.341	12.410	VV	10425	408891	6.46%	0.936%
181	12.424	12.410	12.486	VV	10552	467054	7.37%	1.070%
182	12.533	12.486	12.557	VV	11032	444658	7.02%	1.018%
183	12.584	12.557	12.626	VV	10902	430618	6.80%	0.986%
184	12.677	12.626	12.734	VV	48260	1115784	17.62%	2.555%
185	12.751	12.734	12.801	VV	11873	444976	7.03%	1.019%
186	12.828	12.801	12.858	VV	10777	360700	5.69%	0.826%
187	12.867	12.858	12.904	VV	10946	295887	4.67%	0.678%
188	12.938	12.904	12.961	VV	10620	349175	5.51%	0.800%
189	12.989	12.961	12.998	VV	10171	220329	3.48%	0.505%
190	13.018	12.998	13.031	VV	10501	206134	3.25%	0.472%
191	13.036	13.031	13.047	VV	10375	100034	1.58%	0.229%
192	13.073	13.047	13.089	VV	11083	262881	4.15%	0.602%
193	13.101	13.089	13.131	VV	10507	257809	4.07%	0.590%
194	13.154	13.131	13.179	VV	10552	301147	4.75%	0.690%

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195	13.196	13.179	13.234	VV	10717	340661	5.38%	0.780%
196	13.240	13.234	13.258	VV	9918	135905	2.15%	0.311%
197	13.294	13.258	13.312	VV	9878	311059	4.91%	0.712%
198	13.353	13.312	13.391	VV	10138	459177	7.25%	1.052%
199	13.448	13.391	13.461	VV	9574	387616	6.12%	0.888%
200	13.524	13.461	13.591	VV	372718	4948634	78.13%	11.333%
201	13.612	13.591	13.624	VV	9114	178517	2.82%	0.409%
202	13.639	13.624	13.662	VV	9373	200056	3.16%	0.458%
203	13.689	13.662	13.719	VV	9633	317305	5.01%	0.727%
204	13.778	13.719	13.860	VV	9403	737859	11.65%	1.690%
205	13.871	13.860	13.898	VV	8521	189487	2.99%	0.434%
206	13.918	13.898	14.031	VV	12135	692762	10.94%	1.586%
207	14.037	14.031	14.085	VV	7799	242715	3.83%	0.556%
208	14.108	14.085	14.181	VV	7616	425763	6.72%	0.975%
209	14.192	14.181	14.214	VV	7362	145090	2.29%	0.332%
210	14.224	14.214	14.254	VV	7348	170909	2.70%	0.391%
211	14.274	14.254	14.328	VV	7687	311480	4.92%	0.713%
212	14.337	14.328	14.408	VV	6869	309155	4.88%	0.708%
213	14.429	14.408	14.441	VV	6252	124852	1.97%	0.286%
214	14.450	14.441	14.487	VV	6215	169102	2.67%	0.387%
215	14.507	14.487	14.608	VV	6350	414023	6.54%	0.948%
216	14.614	14.608	14.634	VV	5614	86238	1.36%	0.197%
217	14.681	14.634	14.696	VV	6135	209413	3.31%	0.480%
218	14.711	14.696	14.784	VV	6192	277957	4.39%	0.637%
219	14.800	14.784	14.822	VV	5509	112114	1.77%	0.257%
220	14.841	14.822	14.904	VV	5177	230955	3.65%	0.529%
221	14.916	14.904	14.934	VV	4638	79805	1.26%	0.183%
222	14.946	14.934	15.014	VV	4455	192625	3.04%	0.441%
223	15.029	15.014	15.051	VV	3791	81789	1.29%	0.187%
224	15.070	15.051	15.098	VV	3800	101362	1.60%	0.232%
225	15.109	15.098	15.141	VV	3735	92631	1.46%	0.212%
226	15.147	15.141	15.192	VV	3411	99181	1.57%	0.227%
227	15.216	15.192	15.296	VV	3354	191985	3.03%	0.440%
228	15.333	15.296	15.353	VV	3832	108644	1.72%	0.249%
229	15.378	15.353	15.405	VV	4157	104430	1.65%	0.239%
230	15.427	15.405	15.474	VV	3020	106722	1.68%	0.244%
231	15.487	15.474	15.501	VV	2393	36428	0.58%	0.083%
232	15.514	15.501	15.552	VV	2062	62336	0.98%	0.143%
233	15.571	15.552	15.610	VV	2035	65262	1.03%	0.149%
234	15.632	15.610	15.659	VV	1821	51936	0.82%	0.119%
235	15.671	15.659	15.681	VV	1636	20855	0.33%	0.048%
236	15.707	15.681	15.730	VV	1700	48026	0.76%	0.110%
237	15.770	15.730	15.880	VV	18102	409636	6.47%	0.938%
238	15.924	15.880	15.947	VV	2706	73832	1.17%	0.169%
239	15.986	15.947	16.076	VV	5047	140203	2.21%	0.321%
240	16.084	16.076	16.115	VV	778	15332	0.24%	0.035%
241	16.168	16.115	16.199	VV	704	30239	0.48%	0.069%
242	16.208	16.199	16.257	VV	611	18170	0.29%	0.042%
243	16.294	16.257	16.345	VV	949	31244	0.49%	0.072%
244	16.365	16.345	16.384	VV	681	12943	0.20%	0.030%
245	16.407	16.384	16.450	VV	1354	25961	0.41%	0.059%
246	16.466	16.450	16.482	VV	538	7377	0.12%	0.017%

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247	16.494	16.482	16.511	VV	266	3929	0.06%	0.009%
248	16.524	16.511	16.564	VV	254	5092	0.08%	0.012%
249	16.619	16.564	16.648	VV	246	7547	0.12%	0.017%
250	16.710	16.648	16.731	PV	552	9159	0.14%	0.021%
251	16.746	16.731	16.764	VV	305	4332	0.07%	0.010%
252	16.790	16.764	16.832	VV	1891	34230	0.54%	0.078%
253	16.855	16.832	16.868	VV	451	6450	0.10%	0.015%
254	16.891	16.868	16.911	VV	1824	27339	0.43%	0.063%
255	16.922	16.911	16.945	VV	701	9146	0.14%	0.021%
256	16.975	16.945	17.001	VV	1127	17278	0.27%	0.040%
257	17.034	17.001	17.074	VV	359	7049	0.11%	0.016%
258	17.090	17.074	17.112	VV	169	1593	0.03%	0.004%
259	17.141	17.112	17.153	PV	109	1218	0.02%	0.003%
260	17.215	17.153	17.236	VV	265	5151	0.08%	0.012%
261	17.276	17.236	17.301	VV	946	14840	0.23%	0.034%
262	17.357	17.301	17.384	VV	2199	40757	0.64%	0.093%
263	17.407	17.384	17.464	VV	2084	32092	0.51%	0.073%
264	17.508	17.464	17.534	VV	180	4102	0.06%	0.009%
265	17.575	17.534	17.588	PV	193	4190	0.07%	0.010%
266	17.624	17.588	17.658	VV	245	5672	0.09%	0.013%
267	17.738	17.658	17.777	VV	1204	37956	0.60%	0.087%
268	17.808	17.777	17.841	VV	3769	61015	0.96%	0.140%
269	17.858	17.841	17.867	VV	284	4034	0.06%	0.009%
270	17.893	17.867	17.921	VV	617	11639	0.18%	0.027%
271	17.956	17.921	17.969	VV	341	7605	0.12%	0.017%
272	17.982	17.969	18.004	VV	211	3478	0.05%	0.008%
273	18.031	18.004	18.052	VV	255	3557	0.06%	0.008%
274	18.094	18.052	18.104	VV	159	2739	0.04%	0.006%
275	18.131	18.104	18.148	VV	177	2608	0.04%	0.006%
276	18.202	18.148	18.221	PV	1400	27909	0.44%	0.064%
277	18.246	18.221	18.272	VV	3947	59259	0.94%	0.136%
278	18.287	18.272	18.308	VV	788	13069	0.21%	0.030%
279	18.336	18.308	18.371	VV	1546	25335	0.40%	0.058%
280	18.416	18.371	18.424	VV	172	3587	0.06%	0.008%
281	18.489	18.424	18.536	VV	581	16120	0.25%	0.037%
282	18.616	18.536	18.653	PV	6922	173847	2.74%	0.398%
283	18.675	18.653	18.719	VV	5641	118320	1.87%	0.271%
284	18.765	18.719	18.798	VV	426	10637	0.17%	0.024%
285	18.903	18.798	18.939	PV	1977	30755	0.49%	0.070%
286	18.980	18.939	19.003	VV	245	6488	0.10%	0.015%
287	19.080	19.003	19.138	VV	5343	93646	1.48%	0.214%
288	19.181	19.138	19.212	PV	1640	25383	0.40%	0.058%
289	19.254	19.212	19.265	VV	174	3406	0.05%	0.008%
290	19.477	19.265	19.521	PV	4753	171143	2.70%	0.392%
291	19.578	19.521	19.603	VV	1574	61923	0.98%	0.142%
292	19.638	19.603	19.654	VV	1631	43847	0.69%	0.100%
293	19.678	19.654	19.694	VV	1734	37726	0.60%	0.086%
294	19.789	19.694	19.814	VV	1718	105209	1.66%	0.241%
295	19.866	19.814	19.912	VV	5541	147924	2.34%	0.339%
296	19.942	19.912	19.956	VV	2535	53883	0.85%	0.123%
297	19.975	19.956	20.016	VV	2458	75318	1.19%	0.172%
298	20.058	20.016	20.077	VV	2493	76753	1.21%	0.176%
299	20.243	20.077	20.278	VV	6981	393515	6.21%	0.901%

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300	20.346	20.278	20.364	VV	4909	227908	3.60%	0.522%
301	20.426	20.364	20.443	VV	5828	241688	3.82%	0.553%
302	20.482	20.443	20.543	VV	6679	362623	5.72%	0.830%
303	20.608	20.543	20.638	VV	9111	389275	6.15%	0.891%
304	20.784	20.638	20.810	VV	8513	805419	12.72%	1.844%
305	20.877	20.810	20.891	VV	8789	413861	6.53%	0.948%
306	20.977	20.891	21.012	VV	10167	656558	10.37%	1.504%
307	21.090	21.012	21.236	VV	13462	1329329	20.99%	3.044%
308	21.244	21.236	21.264	VV	7656	126343	1.99%	0.289%
309	21.384	21.264	21.461	VV	9442	910831	14.38%	2.086%
310	21.507	21.461	21.516	VV	6080	199965	3.16%	0.458%
311	21.608	21.516	21.711	VV	6305	666644	10.52%	1.527%
312	21.718	21.711	21.761	VV	4619	129482	2.04%	0.297%
313	21.852	21.761	21.889	VV	3989	287392	4.54%	0.658%
314	21.898	21.889	21.911	VV	3066	39186	0.62%	0.090%
315	21.923	21.911	21.938	VV	2824	43671	0.69%	0.100%
316	22.038	21.938	22.191	VV	2767	286515	4.52%	0.656%

Sum of corrected areas: 43667013

Aliphatic EPH 062725.M Fri Jul 18 23:44:21 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	2	SDG No.:	Q2618
Lab Sample ID:	Q2618-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.6
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
07/18/25 08:55	07/18/25 14:25	PB168910

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	38.7		1	0.97	4.27	mg/kg	FE054925.D
Total EPH	Total EPH	38.7			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

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	2	SDG No.:	Q2618
Lab Sample ID:	Q2618-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.6
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
FE054925.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	38.7		0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.81		1.26	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.2		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.0		40 - 140	68%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2618-04	Acq On:	18 Jul 2025 14:25
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE054925.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.330	6.963	1836878	13.501	300	ug/ml
Aliphatic C12-C16	6.964	10.415	5348353	38.048	200	ug/ml
Aliphatic C16-C21	10.416	13.793	51986094	360.03	300	ug/ml
Aliphatic C21-C28	13.794	17.463	19216433	132.846	400	ug/ml
Aliphatic C28-C40	17.464	22.490	9397576	67.78	600	ug/ml
Aliphatic EPH	3.330	22.490	87785334	612.206		ug/ml
ortho-Terphenyl (SURR)	12.088	12.088	5519565	33.99		ug/ml
1-chlorooctadecane (SURR)	13.524	13.524	4191336	33.19		ug/ml
Aliphatic C9-C28	3.330	17.463	78387758	544.425	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054925.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 14:25
Operator : YP\AJ
Sample : Q2618-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
2

Integration File: autoint1.e
Quant Time: Jul 18 23:10:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.088	5519565	33.989 ug/ml
Spiked Amount 50.000		Recovery =	67.98%
12) S 1-chlorooctadecane (S...	13.524	4191336	33.187 ug/ml
Spiked Amount 50.000		Recovery =	66.37%
Target Compounds			

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

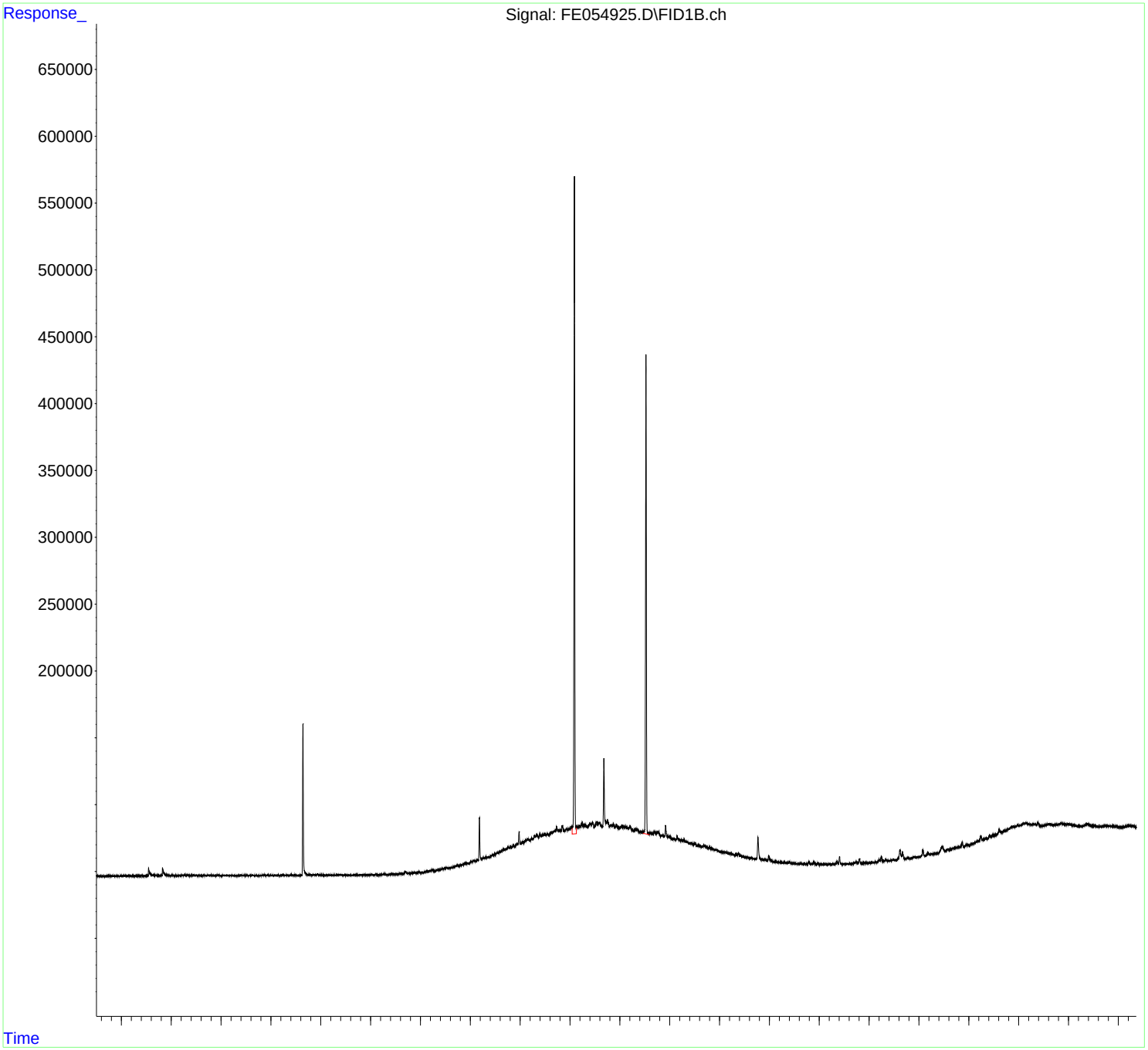
Quantitation Report (QT Reviewed)

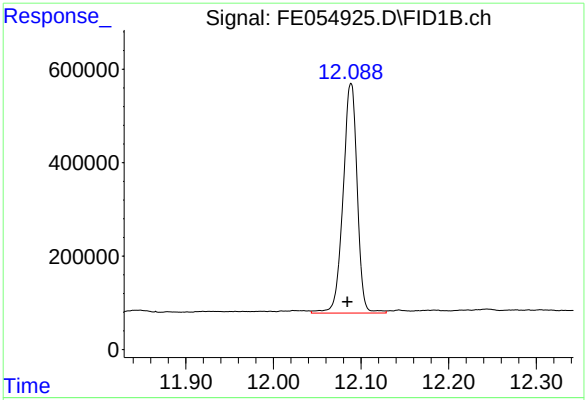
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054925.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 14:25
Operator : YP\AJ
Sample : Q2618-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
2

Integration File: autoint1.e
Quant Time: Jul 18 23:10:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

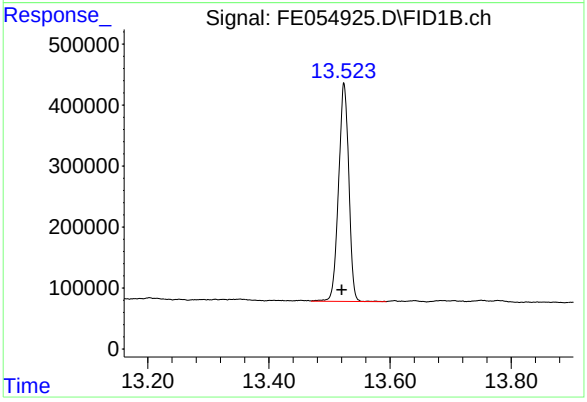




#9 ortho-Terphenyl (SURR)

R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 5519565
Conc: 33.99 ug/ml

Instrument :
FID_E
ClientSampleId :
2



#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4191336
Conc: 33.19 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054925.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 14:25
Sample : Q2618-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	2.848	2.805	2.902	BV	202	4569	0.05%	0.004%
2	2.911	2.902	2.919	PV	80	691	0.01%	0.001%
3	2.930	2.919	2.950	VV	138	1530	0.02%	0.001%
4	2.974	2.950	3.025	VV	208	5469	0.06%	0.005%
5	3.045	3.025	3.054	VV	165	2224	0.03%	0.002%
6	3.082	3.054	3.148	VV	340	11077	0.13%	0.011%
7	3.163	3.148	3.215	VV	282	5751	0.07%	0.006%
8	3.253	3.215	3.264	VV	153	3497	0.04%	0.003%
9	3.424	3.264	3.455	VV	275	18904	0.22%	0.018%
10	3.550	3.455	3.768	VV	5048	132248	1.51%	0.129%
11	3.781	3.768	3.800	VV	293	4530	0.05%	0.004%
12	3.830	3.800	3.948	VV	4781	126881	1.45%	0.124%
13	3.963	3.948	3.996	VV	457	12065	0.14%	0.012%
14	4.011	3.996	4.104	VV	436	21065	0.24%	0.021%
15	4.138	4.104	4.193	VV	326	14620	0.17%	0.014%
16	4.217	4.193	4.247	VV	464	11142	0.13%	0.011%
17	4.271	4.247	4.358	VV	718	23642	0.27%	0.023%
18	4.448	4.358	4.556	VV	417	31383	0.36%	0.031%
19	4.572	4.556	4.647	VV	264	11963	0.14%	0.012%
20	4.680	4.647	4.785	VV	490	21092	0.24%	0.021%
21	4.796	4.785	4.875	VV	253	8407	0.10%	0.008%
22	4.930	4.875	4.998	VV	213	13551	0.16%	0.013%
23	5.011	4.998	5.091	VV	245	9789	0.11%	0.010%
24	5.101	5.091	5.128	VV	235	4049	0.05%	0.004%
25	5.145	5.128	5.185	VV	192	4676	0.05%	0.005%
26	5.205	5.185	5.288	VV	201	7938	0.09%	0.008%
27	5.346	5.288	5.378	VV	204	6440	0.07%	0.006%
28	5.399	5.378	5.481	VV	290	9808	0.11%	0.010%
29	5.507	5.481	5.608	VV	201	9267	0.11%	0.009%
30	5.629	5.608	5.678	VV	446	7095	0.08%	0.007%
31	5.697	5.678	5.788	VV	162	5272	0.06%	0.005%
32	5.824	5.788	5.845	PV	214	3984	0.05%	0.004%
33	5.862	5.845	5.928	VV	501	11036	0.13%	0.011%
34	5.947	5.928	5.973	VV	168	2753	0.03%	0.003%
35	6.016	5.973	6.038	VV	167	4356	0.05%	0.004%
36	6.075	6.038	6.105	VV	237	4649	0.05%	0.005%

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37	6.148	6.105	6.175	VV	167	5155	0.06%	0.005%
38	6.197	6.175	6.228	PV	399	6439	0.07%	0.006%
39	6.245	6.228	6.298	VV	232	6648	0.08%	0.006%
40	6.336	6.298	6.371	VV	218	7037	0.08%	0.007%
41	6.407	6.371	6.461	VV	707	16535	0.19%	0.016%
42	6.480	6.461	6.537	VV	545	11036	0.13%	0.011%
43	6.567	6.537	6.595	VV	148	5044	0.06%	0.005%
44	6.643	6.595	6.840	VV	112736	1196907	13.70%	1.166%
45	6.860	6.840	6.908	VV	374	12666	0.14%	0.012%
46	6.934	6.908	7.048	VV	1241	26806	0.31%	0.026%
47	7.063	7.048	7.102	VV	136	3355	0.04%	0.003%
48	7.148	7.102	7.168	PV	156	3750	0.04%	0.004%
49	7.212	7.168	7.255	VV	156	5175	0.06%	0.005%
50	7.320	7.255	7.464	VV	409	25308	0.29%	0.025%
51	7.505	7.464	7.525	VV	354	4883	0.06%	0.005%
52	7.544	7.525	7.631	VV	177	6044	0.07%	0.006%
53	7.680	7.631	7.701	PV	149	3150	0.04%	0.003%
54	7.712	7.701	7.740	VV	154	1694	0.02%	0.002%
55	7.807	7.740	7.831	PV	234	5340	0.06%	0.005%
56	7.866	7.831	7.917	VV	192	6255	0.07%	0.006%
57	7.938	7.917	7.997	VV	184	4693	0.05%	0.005%
58	8.032	7.997	8.077	VV	277	4669	0.05%	0.005%
59	8.103	8.077	8.158	PV	529	8242	0.09%	0.008%
60	8.170	8.158	8.191	VV	210	2399	0.03%	0.002%
61	8.272	8.191	8.345	VV	886	25433	0.29%	0.025%
62	8.439	8.345	8.491	VV	490	21697	0.25%	0.021%
63	8.588	8.491	8.635	VV	798	35439	0.41%	0.035%
64	8.696	8.635	8.795	VV	2238	88632	1.01%	0.086%
65	8.828	8.795	8.845	VV	869	22616	0.26%	0.022%
66	8.877	8.845	8.911	VV	1135	38328	0.44%	0.037%
67	8.930	8.911	8.951	VV	1186	25897	0.30%	0.025%
68	8.972	8.951	9.011	VV	1574	45768	0.52%	0.045%
69	9.137	9.011	9.156	VV	2678	133375	1.53%	0.130%
70	9.234	9.156	9.294	VV	3212	194093	2.22%	0.189%
71	9.361	9.294	9.385	VV	2891	138706	1.59%	0.135%
72	9.521	9.385	9.545	VV	4378	342726	3.92%	0.334%
73	9.742	9.545	9.788	VV	6149	687941	7.88%	0.670%
74	9.907	9.788	9.928	VV	7591	546115	6.25%	0.532%
75	9.948	9.928	9.968	VV	7288	171558	1.96%	0.167%
76	10.070	9.968	10.115	VV	9005	725180	8.30%	0.707%
77	10.137	10.115	10.153	VV	9912	218130	2.50%	0.213%
78	10.183	10.153	10.228	VV	40980	760069	8.70%	0.741%
79	10.261	10.228	10.281	VV	10838	338620	3.88%	0.330%
80	10.313	10.281	10.332	VV	11428	337342	3.86%	0.329%
81	10.367	10.332	10.384	VV	11815	365731	4.19%	0.356%
82	10.488	10.384	10.504	VV	14147	916033	10.49%	0.893%
83	10.664	10.504	10.688	VV	17036	1682812	19.26%	1.640%
84	10.713	10.688	10.727	VV	17455	397875	4.55%	0.388%
85	10.761	10.727	10.788	VV	18633	662653	7.59%	0.646%
86	10.804	10.788	10.821	VV	19456	373048	4.27%	0.364%
87	10.869	10.821	10.888	VV	19594	761168	8.71%	0.742%
88	10.936	10.888	10.955	VV	20950	802698	9.19%	0.782%
89	10.978	10.955	11.011	VV	29770	802563	9.19%	0.782%

90	11.053	11.011	11.071	VV	22720	787007	9.01%	0.767%
91	11.155	11.071	11.201	VV	24264	1818382	20.82%	1.772%
92	11.230	11.201	11.255	VV	24953	771792	8.84%	0.752%
93	11.333	11.255	11.367	VV	27990	1755969	20.10%	1.711%
94	11.396	11.367	11.424	VV	28174	915714	10.48%	0.892%
95	11.497	11.424	11.517	VV	27879	1512040	17.31%	1.473%
96	11.547	11.517	11.581	VV	27759	1045146	11.96%	1.018%
97	11.731	11.581	11.767	VV	33217	3286990	37.63%	3.203%
98	11.845	11.767	11.895	VV	33678	2358082	27.00%	2.298%
99	11.928	11.895	11.946	VV	31156	939002	10.75%	0.915%
100	12.088	11.946	12.127	VV	521672	8735145	100.00%	8.512%
101	12.144	12.127	12.200	VV	33935	1426213	16.33%	1.390%
102	12.243	12.200	12.298	VV	35806	1983705	22.71%	1.933%
103	12.306	12.298	12.358	VV	34289	1189109	13.61%	1.159%
104	12.397	12.358	12.415	VV	35189	1150805	13.17%	1.121%
105	12.453	12.415	12.488	VV	35809	1494929	17.11%	1.457%
106	12.530	12.488	12.553	VV	36001	1336432	15.30%	1.302%
107	12.591	12.553	12.641	VV	35552	1797347	20.58%	1.751%
108	12.681	12.641	12.725	VV	82016	2224961	25.47%	2.168%
109	12.749	12.725	12.795	VV	37188	1462927	16.75%	1.426%
110	12.821	12.795	12.848	VV	33598	1057021	12.10%	1.030%
111	12.868	12.848	12.892	VV	34405	866849	9.92%	0.845%
112	12.929	12.892	13.008	VV	33673	2217723	25.39%	2.161%
113	13.042	13.008	13.088	VV	32643	1529917	17.51%	1.491%
114	13.107	13.088	13.171	VV	32194	1555101	17.80%	1.515%
115	13.204	13.171	13.268	VV	32398	1767905	20.24%	1.723%
116	13.351	13.268	13.468	VV	30120	3432068	39.29%	3.344%
117	13.524	13.468	13.588	VV	384362	6063309	69.41%	5.909%
118	13.607	13.588	13.661	VV	27448	1163253	13.32%	1.134%
119	13.686	13.661	13.728	VV	27398	1072294	12.28%	1.045%
120	13.751	13.728	13.835	VV	27873	1668561	19.10%	1.626%
121	13.849	13.835	13.888	VV	24663	784807	8.98%	0.765%
122	13.918	13.888	14.068	VV	31991	2617622	29.97%	2.551%
123	14.089	14.068	14.118	VV	22254	654628	7.49%	0.638%
124	14.151	14.118	14.251	VV	23390	1720653	19.70%	1.677%
125	14.268	14.251	14.415	VV	20848	1919402	21.97%	1.870%
126	14.429	14.415	14.481	VV	18782	720564	8.25%	0.702%
127	14.507	14.481	14.564	VV	18434	857453	9.82%	0.836%
128	14.580	14.564	14.658	VV	16541	913679	10.46%	0.890%
129	14.708	14.658	14.735	VV	16489	731706	8.38%	0.713%
130	14.751	14.735	14.779	VV	15020	397341	4.55%	0.387%
131	14.800	14.779	14.895	VV	15852	968616	11.09%	0.944%
132	14.916	14.895	15.021	VV	13118	937101	10.73%	0.913%
133	15.035	15.021	15.091	VV	11537	469446	5.37%	0.457%
134	15.111	15.091	15.201	VV	11117	694111	7.95%	0.676%
135	15.213	15.201	15.311	VV	10224	620408	7.10%	0.605%
136	15.331	15.311	15.361	VV	9475	271208	3.10%	0.264%
137	15.379	15.361	15.406	VV	10085	245181	2.81%	0.239%
138	15.422	15.406	15.611	VV	8453	879952	10.07%	0.857%
139	15.633	15.611	15.723	VV	6418	396337	4.54%	0.386%
140	15.772	15.723	15.880	VV	21704	748257	8.57%	0.729%
141	15.904	15.880	15.948	VV	5435	195315	2.24%	0.190%

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142	15.986	15.948	16.098	VV	7585	390960	4.48%	0.381%
143	16.129	16.098	16.201	VV	3040	178510	2.04%	0.174%
144	16.226	16.201	16.265	VV	2677	97333	1.11%	0.095%
145	16.294	16.265	16.349	VV	2718	116398	1.33%	0.113%
146	16.404	16.349	16.558	VV	3048	222014	2.54%	0.216%
147	16.607	16.558	16.685	VV	1244	77695	0.89%	0.076%
148	16.710	16.685	16.765	VV	1416	49217	0.56%	0.048%
149	16.791	16.765	16.832	VV	2760	60653	0.69%	0.059%
150	16.890	16.832	16.941	VV	2395	70052	0.80%	0.068%
151	16.972	16.941	17.005	VV	1414	26821	0.31%	0.026%
152	17.033	17.005	17.061	VV	724	16368	0.19%	0.016%
153	17.087	17.061	17.112	VV	552	10030	0.11%	0.010%
154	17.139	17.112	17.158	VV	297	4340	0.05%	0.004%
155	17.213	17.158	17.255	PV	417	14004	0.16%	0.014%
156	17.276	17.255	17.305	VV	601	9784	0.11%	0.010%
157	17.356	17.305	17.379	VV	2455	43121	0.49%	0.042%
158	17.406	17.379	17.461	VV	5817	85346	0.98%	0.083%
159	17.481	17.461	17.531	VV	258	4713	0.05%	0.005%
160	17.566	17.531	17.584	PV	288	4968	0.06%	0.005%
161	17.619	17.584	17.651	VV	282	7107	0.08%	0.007%
162	17.738	17.651	17.778	PV	1294	43658	0.50%	0.043%
163	17.806	17.778	17.848	VV	3614	54990	0.63%	0.054%
164	17.895	17.848	17.921	VV	533	7658	0.09%	0.007%
165	17.941	17.921	18.004	VV	253	6436	0.07%	0.006%
166	18.034	18.004	18.075	PV	289	3838	0.04%	0.004%
167	18.128	18.075	18.151	PV	454	7899	0.09%	0.008%
168	18.201	18.151	18.220	PV	1603	30174	0.35%	0.029%
169	18.245	18.220	18.275	VV	3796	57440	0.66%	0.056%
170	18.289	18.275	18.307	VV	759	11069	0.13%	0.011%
171	18.335	18.307	18.388	VV	1501	27135	0.31%	0.026%
172	18.490	18.388	18.535	VV	759	22027	0.25%	0.021%
173	18.618	18.535	18.651	PV	7387	172297	1.97%	0.168%
174	18.671	18.651	18.713	VV	5278	95080	1.09%	0.093%
175	18.769	18.713	18.818	VV	663	20534	0.24%	0.020%
176	18.902	18.818	18.928	VV	864	16416	0.19%	0.016%
177	18.977	18.928	19.001	VV	350	7371	0.08%	0.007%
178	19.078	19.001	19.138	PV	4935	97560	1.12%	0.095%
179	19.180	19.138	19.211	VV	2309	44224	0.51%	0.043%
180	19.290	19.211	19.308	VV	416	26692	0.31%	0.026%
181	19.474	19.308	19.525	VV	4722	205179	2.35%	0.200%
182	19.580	19.525	19.601	VV	1971	63430	0.73%	0.062%
183	19.675	19.601	19.701	VV	1911	92858	1.06%	0.090%
184	19.787	19.701	19.808	VV	2015	114355	1.31%	0.111%
185	19.865	19.808	19.898	VV	5277	144665	1.66%	0.141%
186	19.977	19.898	20.018	VV	2384	143244	1.64%	0.140%
187	20.059	20.018	20.074	VV	2772	77999	0.89%	0.076%
188	20.241	20.074	20.271	VV	7395	456024	5.22%	0.444%
189	20.343	20.271	20.370	VV	4804	250187	2.86%	0.244%
190	20.420	20.370	20.447	VV	6285	239090	2.74%	0.233%
191	20.483	20.447	20.530	VV	6259	289253	3.31%	0.282%
192	20.607	20.530	20.671	VV	9561	596915	6.83%	0.582%
193	20.719	20.671	20.741	VV	7499	304891	3.49%	0.297%
194	20.884	20.741	20.921	VV	9761	948045	10.85%	0.924%

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195	20.977	20.921	21.006	VV	10092	480825	5.50%	0.469%
196	21.155	21.006	21.268	VV	10067	1496875	17.14%	1.459%
197	21.305	21.268	21.335	VV	8467	322953	3.70%	0.315%
198	21.386	21.335	21.458	VV	8926	541250	6.20%	0.527%
199	21.637	21.458	21.690	VV	6101	821718	9.41%	0.801%
200	21.848	21.690	21.951	VV	5234	715227	8.19%	0.697%
201	21.998	21.951	22.031	VV	3357	156700	1.79%	0.153%
202	22.046	22.031	22.201	VV	2727	161408	1.85%	0.157%
203	22.233	22.201	22.250	VV	207	5199	0.06%	0.005%

Sum of corrected areas: 102618605

Aliphatic EPH 062725.M Fri Jul 18 23:45:02 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	3	SDG No.:	Q2618
Lab Sample ID:	Q2618-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.2
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
07/18/25 08:55	07/18/25 14:55	PB168910

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	40.5		1	0.97	4.24	mg/kg	FE054926.D
Total EPH	Total EPH	40.5			0.97	4.24	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

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	3	SDG No.:	Q2618
Lab Sample ID:	Q2618-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.2
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
FE054926.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	40.5		0.97	4.24	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.46		1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.2		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.2		40 - 140	78%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2618-05	Acq On:	18 Jul 2025 14:55
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE054926.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.330	6.963	538939	3.961	300	ug/ml
Aliphatic C12-C16	6.964	10.415	5705176	40.587	200	ug/ml
Aliphatic C16-C21	10.416	13.793	55671465	385.553	300	ug/ml
Aliphatic C21-C28	13.794	17.463	20903504	144.509	400	ug/ml
Aliphatic C28-C40	17.464	22.490	8743883	63.066	600	ug/ml
Aliphatic EPH	3.330	22.490	91562967	637.676		ug/ml
ortho-Terphenyl (SURR)	12.089	12.089	6359911	39.16		ug/ml
1-chlorooctadecane (SURR)	13.524	13.524	4821724	38.18		ug/ml
Aliphatic C9-C28	3.330	17.463	82819084	574.61	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054926.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 14:55
Operator : YP\AJ
Sample : Q2618-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
3

Integration File: autoint1.e
Quant Time: Jul 18 23:10:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.089	6359911	39.163 ug/ml
Spiked Amount 50.000		Recovery =	78.33%
12) S 1-chlorooctadecane (S...	13.524	4821724	38.179 ug/ml
Spiked Amount 50.000		Recovery =	76.36%
Target Compounds			

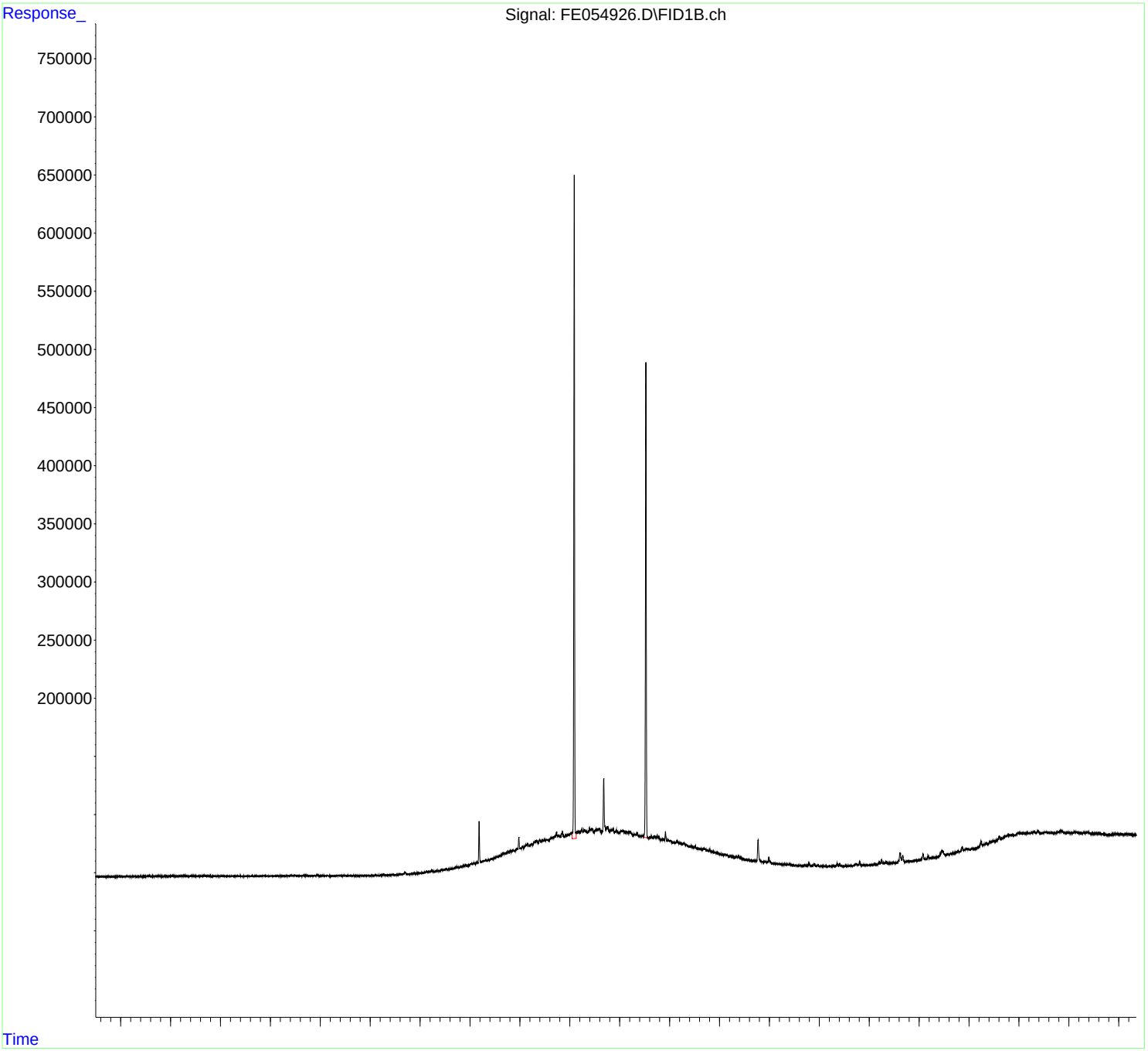
(f)=RT Delta > 1/2 Window (m)=manual int.

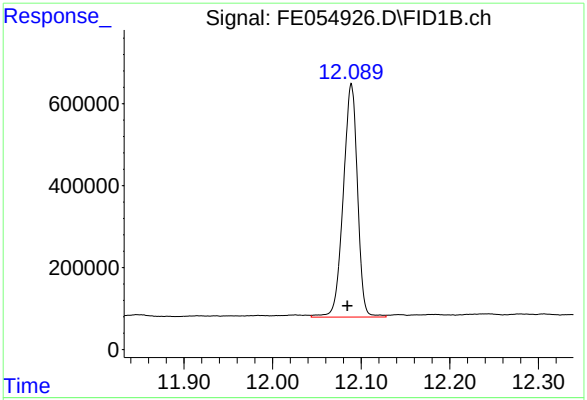
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054926.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 14:55
Operator : YP\AJ
Sample : Q2618-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
3

Integration File: autoint1.e
Quant Time: Jul 18 23:10:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

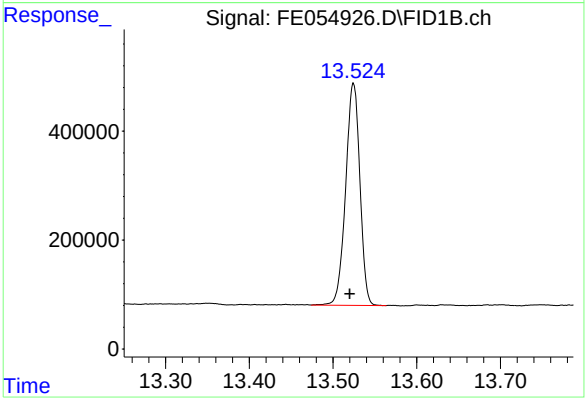




#9 ortho-Terphenyl (SURR)

R.T.: 12.089 min
Delta R.T.: 0.004 min
Response: 6359911
Conc: 39.16 ug/ml

Instrument :
FID_E
ClientSampleId :
3



#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4821724
Conc: 38.18 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054926.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 14:55
Sample : Q2618-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	2.843	2.804	2.911	BV	146	2055	0.03%	0.002%
2	2.972	2.911	2.989	PV	231	3341	0.04%	0.003%
3	3.003	2.989	3.028	VV	166	2155	0.03%	0.002%
4	3.053	3.028	3.092	VV	194	4667	0.06%	0.004%
5	3.105	3.092	3.131	VV	158	2550	0.03%	0.002%
6	3.142	3.131	3.206	VV	109	3240	0.04%	0.003%
7	3.226	3.206	3.241	VV	112	1615	0.02%	0.002%
8	3.249	3.241	3.268	VV	109	1180	0.02%	0.001%
9	3.287	3.268	3.345	VV	182	6210	0.08%	0.006%
10	3.359	3.345	3.374	VV	157	2241	0.03%	0.002%
11	3.384	3.374	3.391	VV	161	1365	0.02%	0.001%
12	3.422	3.391	3.436	VV	263	4883	0.06%	0.005%
13	3.443	3.436	3.491	VV	190	4584	0.06%	0.004%
14	3.539	3.491	3.561	VV	422	10295	0.13%	0.010%
15	3.573	3.561	3.648	VV	386	15037	0.19%	0.014%
16	3.682	3.648	3.728	VV	271	11416	0.15%	0.011%
17	3.737	3.728	3.763	VV	260	4232	0.05%	0.004%
18	3.785	3.763	3.797	VV	267	4398	0.06%	0.004%
19	3.811	3.797	3.821	VV	260	2994	0.04%	0.003%
20	3.829	3.821	3.835	VV	222	1690	0.02%	0.002%
21	3.844	3.835	3.854	VV	240	2445	0.03%	0.002%
22	3.874	3.854	3.900	VV	278	5648	0.07%	0.005%
23	3.909	3.900	3.936	VV	243	3975	0.05%	0.004%
24	3.961	3.936	3.988	VV	233	5605	0.07%	0.005%
25	4.014	3.988	4.051	VV	331	8973	0.12%	0.008%
26	4.083	4.051	4.118	VV	287	8392	0.11%	0.008%
27	4.141	4.118	4.157	VV	290	5696	0.07%	0.005%
28	4.218	4.157	4.248	VV	499	15233	0.20%	0.014%
29	4.271	4.248	4.338	VV	804	21496	0.28%	0.020%
30	4.346	4.338	4.381	VV	272	5710	0.07%	0.005%
31	4.408	4.381	4.437	VV	323	8689	0.11%	0.008%
32	4.451	4.437	4.501	VV	390	10842	0.14%	0.010%
33	4.525	4.501	4.539	VV	303	5899	0.08%	0.006%
34	4.553	4.539	4.608	VV	319	9849	0.13%	0.009%
35	4.631	4.608	4.641	VV	282	4666	0.06%	0.004%
36	4.683	4.641	4.707	VV	540	13494	0.17%	0.013%

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37	4.718	4.707	4.728	VV	344	3374	0.04%	0.003%
38	4.732	4.728	4.757	VV	340	4660	0.06%	0.004%
39	4.796	4.757	4.811	VV	333	9170	0.12%	0.009%
40	4.814	4.811	4.829	VV	287	2111	0.03%	0.002%
41	4.849	4.829	4.908	VV	366	11395	0.15%	0.011%
42	4.917	4.908	4.952	VV	301	6628	0.09%	0.006%
43	4.999	4.952	5.014	VV	283	9059	0.12%	0.009%
44	5.021	5.014	5.040	VV	272	3768	0.05%	0.004%
45	5.056	5.040	5.121	VV	285	10669	0.14%	0.010%
46	5.142	5.121	5.183	VV	240	6794	0.09%	0.006%
47	5.206	5.183	5.218	VV	261	4633	0.06%	0.004%
48	5.225	5.218	5.232	VV	247	1964	0.03%	0.002%
49	5.239	5.232	5.269	VV	276	4906	0.06%	0.005%
50	5.299	5.269	5.328	VV	220	6745	0.09%	0.006%
51	5.342	5.328	5.380	VV	355	8607	0.11%	0.008%
52	5.396	5.380	5.424	VV	360	6769	0.09%	0.006%
53	5.447	5.424	5.478	VV	220	5763	0.07%	0.005%
54	5.485	5.478	5.491	VV	198	1370	0.02%	0.001%
55	5.508	5.491	5.564	VV	241	7736	0.10%	0.007%
56	5.630	5.564	5.654	VV	473	11483	0.15%	0.011%
57	5.658	5.654	5.685	VV	275	3756	0.05%	0.004%
58	5.696	5.685	5.700	VV	217	1808	0.02%	0.002%
59	5.708	5.700	5.778	VV	247	7445	0.10%	0.007%
60	5.785	5.778	5.804	VV	156	2168	0.03%	0.002%
61	5.827	5.804	5.842	VV	257	4442	0.06%	0.004%
62	5.861	5.842	5.922	VV	637	14929	0.19%	0.014%
63	5.942	5.922	5.996	VV	290	8573	0.11%	0.008%
64	6.012	5.996	6.049	VV	272	6171	0.08%	0.006%
65	6.071	6.049	6.088	VV	313	4814	0.06%	0.005%
66	6.094	6.088	6.104	VV	284	2076	0.03%	0.002%
67	6.145	6.104	6.174	VV	287	8316	0.11%	0.008%
68	6.195	6.174	6.217	VV	274	5454	0.07%	0.005%
69	6.236	6.217	6.258	VV	327	6352	0.08%	0.006%
70	6.267	6.258	6.312	VV	296	6656	0.09%	0.006%
71	6.339	6.312	6.353	VV	328	6335	0.08%	0.006%
72	6.362	6.353	6.388	VV	336	5641	0.07%	0.005%
73	6.405	6.388	6.464	VV	943	20353	0.26%	0.019%
74	6.482	6.464	6.545	VV	491	14675	0.19%	0.014%
75	6.565	6.545	6.609	VV	347	9580	0.12%	0.009%
76	6.646	6.609	6.666	VV	293	8552	0.11%	0.008%
77	6.697	6.666	6.732	VV	805	16356	0.21%	0.015%
78	6.746	6.732	6.786	VV	285	7252	0.09%	0.007%
79	6.801	6.786	6.834	VV	252	6154	0.08%	0.006%
80	6.858	6.834	6.881	VV	347	6767	0.09%	0.006%
81	6.899	6.881	6.911	VV	264	4158	0.05%	0.004%
82	6.934	6.911	7.004	VV	1334	22805	0.29%	0.022%
83	7.018	7.004	7.062	VV	293	5810	0.07%	0.005%
84	7.072	7.062	7.103	VV	157	2909	0.04%	0.003%
85	7.145	7.103	7.181	VV	280	7164	0.09%	0.007%
86	7.190	7.181	7.241	VV	173	4900	0.06%	0.005%
87	7.355	7.241	7.458	VV	460	31270	0.40%	0.030%
88	7.504	7.458	7.534	VV	448	10853	0.14%	0.010%
89	7.540	7.534	7.551	VV	276	2197	0.03%	0.002%

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90	7.570	7.551	7.625	VV	246	8717	0.11%	0.008%
91	7.643	7.625	7.658	VV	272	3046	0.04%	0.003%
92	7.679	7.658	7.704	VV	279	5689	0.07%	0.005%
93	7.716	7.704	7.744	VV	269	4658	0.06%	0.004%
94	7.775	7.744	7.790	VV	285	5810	0.07%	0.005%
95	7.809	7.790	7.834	VV	404	7112	0.09%	0.007%
96	7.866	7.834	7.883	PV	359	6295	0.08%	0.006%
97	7.891	7.883	7.920	VV	366	5823	0.07%	0.006%
98	7.945	7.920	7.985	VV	296	7699	0.10%	0.007%
99	7.998	7.985	8.016	VV	171	2552	0.03%	0.002%
100	8.031	8.016	8.045	VV	272	2811	0.04%	0.003%
101	8.062	8.045	8.077	VV	180	2176	0.03%	0.002%
102	8.103	8.077	8.127	VV	742	10145	0.13%	0.010%
103	8.141	8.127	8.151	VV	282	2713	0.03%	0.003%
104	8.167	8.151	8.187	VV	342	4541	0.06%	0.004%
105	8.240	8.187	8.253	VV	518	12974	0.17%	0.012%
106	8.271	8.253	8.327	VV	1207	21071	0.27%	0.020%
107	8.377	8.327	8.391	VV	365	9291	0.12%	0.009%
108	8.440	8.391	8.458	VV	753	18066	0.23%	0.017%
109	8.469	8.458	8.488	VV	584	7943	0.10%	0.008%
110	8.513	8.488	8.531	VV	548	9553	0.12%	0.009%
111	8.545	8.531	8.558	VV	480	6384	0.08%	0.006%
112	8.587	8.558	8.613	VV	1000	24291	0.31%	0.023%
113	8.625	8.613	8.640	VV	780	11374	0.15%	0.011%
114	8.694	8.640	8.748	VV	2502	84658	1.09%	0.080%
115	8.775	8.748	8.788	VV	887	19409	0.25%	0.018%
116	8.819	8.788	8.843	VV	1180	33029	0.42%	0.031%
117	8.875	8.843	8.910	VV	1512	51104	0.66%	0.048%
118	8.939	8.910	8.954	VV	1422	33505	0.43%	0.032%
119	8.973	8.954	9.004	VV	1789	44787	0.58%	0.042%
120	9.028	9.004	9.043	VV	1518	32810	0.42%	0.031%
121	9.134	9.043	9.153	VV	3234	131015	1.68%	0.124%
122	9.205	9.153	9.213	VV	2695	91722	1.18%	0.087%
123	9.232	9.213	9.258	VV	4168	85917	1.10%	0.081%
124	9.270	9.258	9.293	VV	2763	54338	0.70%	0.051%
125	9.343	9.293	9.381	VV	3177	153800	1.98%	0.146%
126	9.434	9.381	9.464	VV	4241	181402	2.33%	0.172%
127	9.483	9.464	9.498	VV	4149	82198	1.06%	0.078%
128	9.519	9.498	9.559	VV	4892	158266	2.03%	0.150%
129	9.587	9.559	9.600	VV	4434	105204	1.35%	0.100%
130	9.619	9.600	9.633	VV	4684	89474	1.15%	0.085%
131	9.715	9.633	9.726	VV	5995	285121	3.66%	0.270%
132	9.742	9.726	9.761	VV	6310	123272	1.58%	0.117%
133	9.772	9.761	9.784	VV	5710	76930	0.99%	0.073%
134	9.829	9.784	9.837	VV	6362	189594	2.44%	0.179%
135	9.875	9.837	9.886	VV	6940	195308	2.51%	0.185%
136	9.906	9.886	9.964	VV	7834	341330	4.39%	0.323%
137	10.012	9.964	10.049	VV	8584	409759	5.27%	0.388%
138	10.068	10.049	10.109	VV	9228	317614	4.08%	0.301%
139	10.135	10.109	10.158	VV	10122	268754	3.45%	0.254%
140	10.182	10.158	10.226	VV	45020	765096	9.83%	0.724%
141	10.268	10.226	10.288	VV	10834	391001	5.02%	0.370%

142	10.314	10.288	10.343	VV	11557	371242	4.77%	0.351%
143	10.363	10.343	10.382	VV	11770	271680	3.49%	0.257%
144	10.448	10.382	10.463	VV	12783	599060	7.70%	0.567%
145	10.485	10.463	10.501	VV	13831	297122	3.82%	0.281%
146	10.553	10.501	10.568	VV	14327	564783	7.26%	0.534%
147	10.591	10.568	10.602	VV	15395	297079	3.82%	0.281%
148	10.626	10.602	10.638	VV	15694	327959	4.21%	0.310%
149	10.660	10.638	10.680	VV	17385	417014	5.36%	0.395%
150	10.701	10.680	10.723	VV	17462	438496	5.63%	0.415%
151	10.759	10.723	10.778	VV	18638	584446	7.51%	0.553%
152	10.803	10.778	10.820	VV	19194	458706	5.89%	0.434%
153	10.855	10.820	10.890	VV	19386	797880	10.25%	0.755%
154	10.937	10.890	10.958	VV	20985	808302	10.39%	0.765%
155	10.978	10.958	11.024	VV	30528	931272	11.97%	0.881%
156	11.050	11.024	11.072	VV	22635	628060	8.07%	0.594%
157	11.131	11.072	11.139	VV	24001	924630	11.88%	0.875%
158	11.156	11.139	11.197	VV	24606	822631	10.57%	0.778%
159	11.231	11.197	11.253	VV	24631	799823	10.28%	0.757%
160	11.281	11.253	11.291	VV	26424	570247	7.33%	0.540%
161	11.309	11.291	11.320	VV	27099	459324	5.90%	0.435%
162	11.335	11.320	11.365	VV	27675	723454	9.30%	0.685%
163	11.393	11.365	11.426	VV	27896	972034	12.49%	0.920%
164	11.449	11.426	11.470	VV	27716	722621	9.29%	0.684%
165	11.492	11.470	11.512	VV	28256	683604	8.78%	0.647%
166	11.548	11.512	11.579	VV	27948	1120492	14.40%	1.060%
167	11.622	11.579	11.638	VV	29889	1003336	12.89%	0.949%
168	11.675	11.638	11.684	VV	30375	833045	10.70%	0.788%
169	11.704	11.684	11.714	VV	30934	541460	6.96%	0.512%
170	11.731	11.714	11.768	VV	34259	1029769	13.23%	0.974%
171	11.774	11.768	11.792	VV	31395	459407	5.90%	0.435%
172	11.806	11.792	11.818	VV	31107	465140	5.98%	0.440%
173	11.848	11.818	11.892	VV	34523	1409562	18.11%	1.334%
174	11.916	11.892	11.942	VV	31874	940596	12.09%	0.890%
175	11.953	11.942	11.964	VV	31597	412481	5.30%	0.390%
176	11.985	11.964	11.998	VV	32652	654576	8.41%	0.619%
177	12.025	11.998	12.044	VV	33703	911520	11.71%	0.862%
178	12.089	12.044	12.128	VV	595443	7782207	100.00%	7.363%
179	12.143	12.128	12.153	VV	34353	520437	6.69%	0.492%
180	12.183	12.153	12.207	VV	34948	1081482	13.90%	1.023%
181	12.243	12.207	12.262	VV	36320	1157894	14.88%	1.096%
182	12.279	12.262	12.297	VV	35971	736769	9.47%	0.697%
183	12.306	12.297	12.325	VV	36063	599243	7.70%	0.567%
184	12.339	12.325	12.364	VV	34418	798409	10.26%	0.755%
185	12.392	12.364	12.417	VV	37369	1130166	14.52%	1.069%
186	12.442	12.417	12.484	VV	36956	1412213	18.15%	1.336%
187	12.532	12.484	12.542	VV	36418	1231579	15.83%	1.165%
188	12.548	12.542	12.554	VV	35813	261068	3.35%	0.247%
189	12.593	12.554	12.634	VV	36796	1698703	21.83%	1.607%
190	12.680	12.634	12.723	VV	79858	2394780	30.77%	2.266%
191	12.749	12.723	12.800	VV	38032	1666397	21.41%	1.577%
192	12.817	12.800	12.834	VV	35177	711502	9.14%	0.673%
193	12.870	12.834	12.917	VV	35801	1707610	21.94%	1.616%
194	12.930	12.917	13.008	VV	35291	1823946	23.44%	1.726%

195	13.028	13.008	13.053	VV	34399	929042	11.94%	0.879%
196	13.070	13.053	13.088	VV	34678	692644	8.90%	0.655%
197	13.100	13.088	13.120	VV	33828	650684	8.36%	0.616%
198	13.137	13.120	13.177	VV	33414	1110159	14.27%	1.050%
199	13.204	13.177	13.270	VV	33724	1795577	23.07%	1.699%
200	13.293	13.270	13.311	VV	31025	765466	9.84%	0.724%
201	13.351	13.311	13.379	VV	32109	1269113	16.31%	1.201%
202	13.392	13.379	13.438	VV	29786	1027255	13.20%	0.972%
203	13.444	13.438	13.474	VV	30001	636990	8.19%	0.603%
204	13.524	13.474	13.562	VV	436350	6316864	81.17%	5.977%
205	13.570	13.562	13.583	VV	28026	336562	4.32%	0.318%
206	13.602	13.583	13.620	VV	28776	634959	8.16%	0.601%
207	13.632	13.620	13.660	VV	29021	675148	8.68%	0.639%
208	13.701	13.660	13.724	VV	29106	1072518	13.78%	1.015%
209	13.749	13.724	13.767	VV	29034	743153	9.55%	0.703%
210	13.782	13.767	13.815	VV	28524	790066	10.15%	0.748%
211	13.823	13.815	13.838	VV	26236	350783	4.51%	0.332%
212	13.874	13.838	13.897	VV	26593	927005	11.91%	0.877%
213	13.917	13.897	13.954	VV	32793	951614	12.23%	0.900%
214	13.973	13.954	13.998	VV	25732	651339	8.37%	0.616%
215	14.015	13.998	14.121	VV	25170	1752342	22.52%	1.658%
216	14.149	14.121	14.257	VV	24782	1876571	24.11%	1.776%
217	14.290	14.257	14.321	VV	22512	845182	10.86%	0.800%
218	14.331	14.321	14.391	VV	21436	862505	11.08%	0.816%
219	14.431	14.391	14.494	VV	20183	1193852	15.34%	1.130%
220	14.510	14.494	14.558	VV	19864	702042	9.02%	0.664%
221	14.585	14.558	14.651	VV	17948	977420	12.56%	0.925%
222	14.676	14.651	14.731	VV	17688	818723	10.52%	0.775%
223	14.746	14.731	14.778	VV	16418	445740	5.73%	0.422%
224	14.802	14.778	14.823	VV	17221	427150	5.49%	0.404%
225	14.840	14.823	14.860	VV	15301	335162	4.31%	0.317%
226	14.878	14.860	14.904	VV	14779	372117	4.78%	0.352%
227	14.915	14.904	14.931	VV	14170	226885	2.92%	0.215%
228	14.950	14.931	15.027	VV	14045	754412	9.69%	0.714%
229	15.043	15.027	15.085	VV	12557	417467	5.36%	0.395%
230	15.111	15.085	15.186	VV	12357	700911	9.01%	0.663%
231	15.194	15.186	15.202	VV	10916	102711	1.32%	0.097%
232	15.217	15.202	15.257	VV	10957	347122	4.46%	0.328%
233	15.271	15.257	15.292	VV	10251	207777	2.67%	0.197%
234	15.302	15.292	15.311	VV	9582	109014	1.40%	0.103%
235	15.333	15.311	15.361	VV	10334	292100	3.75%	0.276%
236	15.380	15.361	15.407	VV	10697	272809	3.51%	0.258%
237	15.427	15.407	15.518	VV	9234	543996	6.99%	0.515%
238	15.530	15.518	15.555	VV	7499	164274	2.11%	0.155%
239	15.572	15.555	15.582	VV	7067	112178	1.44%	0.106%
240	15.588	15.582	15.609	VV	6977	108294	1.39%	0.102%
241	15.638	15.609	15.713	VV	7088	404849	5.20%	0.383%
242	15.721	15.713	15.738	VV	6213	89482	1.15%	0.085%
243	15.772	15.738	15.858	VV	24002	705244	9.06%	0.667%
244	15.863	15.858	15.883	VV	5453	78140	1.00%	0.074%
245	15.903	15.883	15.945	VV	5710	193031	2.48%	0.183%
246	15.987	15.945	16.111	VV	9099	472563	6.07%	0.447%

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247	16.125	16.111	16.152	VV	3411	81019	1.04%	0.077%
248	16.166	16.152	16.204	VV	3291	96245	1.24%	0.091%
249	16.229	16.204	16.273	VV	3035	113320	1.46%	0.107%
250	16.294	16.273	16.328	VV	2968	87825	1.13%	0.083%
251	16.331	16.328	16.351	VV	2617	32891	0.42%	0.031%
252	16.366	16.351	16.383	VV	2544	45037	0.58%	0.043%
253	16.405	16.383	16.450	VV	3032	88635	1.14%	0.084%
254	16.467	16.450	16.503	VV	1992	56770	0.73%	0.054%
255	16.518	16.503	16.575	VV	1721	59735	0.77%	0.057%
256	16.614	16.575	16.678	VV	1391	71959	0.92%	0.068%
257	16.708	16.678	16.738	VV	1579	42986	0.55%	0.041%
258	16.747	16.738	16.763	VV	1118	15723	0.20%	0.015%
259	16.791	16.763	16.833	VV	3464	75586	0.97%	0.072%
260	16.851	16.833	16.871	VV	1002	20824	0.27%	0.020%
261	16.891	16.871	16.940	VV	2655	54511	0.70%	0.052%
262	16.974	16.940	17.003	VV	1560	30911	0.40%	0.029%
263	17.033	17.003	17.091	VV	765	21507	0.28%	0.020%
264	17.097	17.091	17.158	VV	231	5428	0.07%	0.005%
265	17.214	17.158	17.254	VV	538	12939	0.17%	0.012%
266	17.274	17.254	17.306	VV	699	10745	0.14%	0.010%
267	17.356	17.306	17.383	PV	2542	43982	0.57%	0.042%
268	17.407	17.383	17.461	VV	2245	42120	0.54%	0.040%
269	17.479	17.461	17.491	VV	166	1678	0.02%	0.002%
270	17.508	17.491	17.519	PV	165	1574	0.02%	0.001%
271	17.565	17.519	17.589	VV	226	4025	0.05%	0.004%
272	17.617	17.589	17.658	VV	297	6592	0.08%	0.006%
273	17.735	17.658	17.765	VV	1507	43473	0.56%	0.041%
274	17.806	17.765	17.841	VV	3955	63412	0.81%	0.060%
275	17.850	17.841	17.870	VV	204	2139	0.03%	0.002%
276	17.895	17.870	17.918	PV	633	8937	0.11%	0.008%
277	17.945	17.918	17.971	VV	391	7633	0.10%	0.007%
278	17.983	17.971	18.008	VV	215	2706	0.03%	0.003%
279	18.032	18.008	18.058	PV	233	3558	0.05%	0.003%
280	18.097	18.058	18.111	PV	241	3775	0.05%	0.004%
281	18.126	18.111	18.149	VV	447	6049	0.08%	0.006%
282	18.200	18.149	18.221	VV	1796	37304	0.48%	0.035%
283	18.245	18.221	18.271	VV	3938	59945	0.77%	0.057%
284	18.287	18.271	18.309	VV	917	15733	0.20%	0.015%
285	18.336	18.309	18.364	VV	2038	34297	0.44%	0.032%
286	18.452	18.364	18.460	VV	324	14500	0.19%	0.014%
287	18.486	18.460	18.540	VV	892	16372	0.21%	0.015%
288	18.616	18.540	18.650	PV	8284	190862	2.45%	0.181%
289	18.669	18.650	18.714	VV	5418	93405	1.20%	0.088%
290	18.773	18.714	18.791	VV	629	20327	0.26%	0.019%
291	18.806	18.791	18.824	VV	273	4690	0.06%	0.004%
292	18.843	18.824	18.856	VV	276	3097	0.04%	0.003%
293	18.902	18.856	18.943	PV	812	18346	0.24%	0.017%
294	18.975	18.943	19.008	VV	459	9759	0.13%	0.009%
295	19.078	19.008	19.135	PV	4985	100140	1.29%	0.095%
296	19.180	19.135	19.218	PV	2537	48713	0.63%	0.046%
297	19.251	19.218	19.268	VV	693	16069	0.21%	0.015%
298	19.449	19.268	19.464	VV	5057	158491	2.04%	0.150%
299	19.473	19.464	19.524	VV	5069	97934	1.26%	0.093%

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300	19.576	19.524	19.601	VV	1402	48122	0.62%	0.046%
301	19.633	19.601	19.647	VV	1144	26808	0.34%	0.025%
302	19.674	19.647	19.692	VV	1523	32988	0.42%	0.031%
303	19.749	19.692	19.757	VV	1798	56675	0.73%	0.054%
304	19.785	19.757	19.806	VV	2257	56386	0.72%	0.053%
305	19.864	19.806	19.901	VV	5452	167226	2.15%	0.158%
306	19.940	19.901	19.958	VV	3489	92534	1.19%	0.088%
307	19.976	19.958	20.021	VV	3032	95589	1.23%	0.090%
308	20.053	20.021	20.083	VV	2794	85412	1.10%	0.081%
309	20.240	20.083	20.271	VV	7473	379885	4.88%	0.359%
310	20.305	20.271	20.314	VV	4429	110300	1.42%	0.104%
311	20.340	20.314	20.380	VV	4848	174949	2.25%	0.166%
312	20.421	20.380	20.446	VV	5970	208050	2.67%	0.197%
313	20.480	20.446	20.501	VV	6262	185971	2.39%	0.176%
314	20.605	20.501	20.641	VV	9024	553435	7.11%	0.524%
315	20.725	20.641	20.738	VV	8143	427937	5.50%	0.405%
316	20.782	20.738	20.791	VV	9060	270711	3.48%	0.256%
317	20.800	20.791	20.824	VV	8995	175913	2.26%	0.166%
318	20.855	20.824	20.910	VV	8506	419320	5.39%	0.397%
319	20.979	20.910	21.011	VV	9515	514473	6.61%	0.487%
320	21.018	21.011	21.044	VV	8755	172535	2.22%	0.163%
321	21.088	21.044	21.134	VV	8589	449826	5.78%	0.426%
322	21.187	21.134	21.208	VV	7827	341551	4.39%	0.323%
323	21.302	21.208	21.347	VV	7951	624605	8.03%	0.591%
324	21.384	21.347	21.451	VV	8125	417293	5.36%	0.395%
325	21.515	21.451	21.531	VV	6006	273036	3.51%	0.258%
326	21.557	21.531	21.698	VV	5605	487181	6.26%	0.461%
327	21.850	21.698	21.951	VV	4581	563882	7.25%	0.534%
328	21.971	21.951	22.001	VV	2229	62759	0.81%	0.059%
329	22.015	22.001	22.028	VV	1847	28562	0.37%	0.027%
330	22.048	22.028	22.070	VV	1692	39816	0.51%	0.038%
331	22.122	22.070	22.243	VV	1639	104618	1.34%	0.099%

Sum of corrected areas: 105689059

Aliphatic EPH 062725.M Fri Jul 18 23:45:30 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	4	SDG No.:	Q2618
Lab Sample ID:	Q2618-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
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
07/18/25 08:55	07/18/25 15:25	PB168910

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	36.1		1	0.97	4.28	mg/kg	FE054927.D
Total EPH	Total EPH	36.1			0.97	4.28	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

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	4	SDG No.:	Q2618
Lab Sample ID:	Q2618-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
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
FE054927.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	36.1		0.97	4.28	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.78		1.26	2.14	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.2		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.2		40 - 140	72%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2618-06	Acq On:	18 Jul 2025 15:25
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE054927.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.330	6.963	626015	4.601	300	ug/ml
Aliphatic C12-C16	6.964	10.415	4525977	32.198	200	ug/ml
Aliphatic C16-C21	10.416	13.793	48703538	337.297	300	ug/ml
Aliphatic C21-C28	13.794	17.463	19184881	132.628	400	ug/ml
Aliphatic C28-C40	17.464	22.490	9300394	67.079	600	ug/ml
Aliphatic EPH	3.330	22.490	82340805	573.803		ug/ml
ortho-Terphenyl (SURR)	12.088	12.088	5874568	36.17		ug/ml
1-chlorooctadecane (SURR)	13.523	13.523	4441371	35.17		ug/ml
Aliphatic C9-C28	3.330	17.463	73040411	506.724	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054927.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 15:25
Operator : YP\AJ
Sample : Q2618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
4

Integration File: autoint1.e
Quant Time: Jul 18 23:11:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.088	5874568	36.175 ug/ml
Spiked Amount 50.000		Recovery =	72.35%
12) S 1-chlorooctadecane (S...	13.523	4441371	35.167 ug/ml
Spiked Amount 50.000		Recovery =	70.33%
Target Compounds			

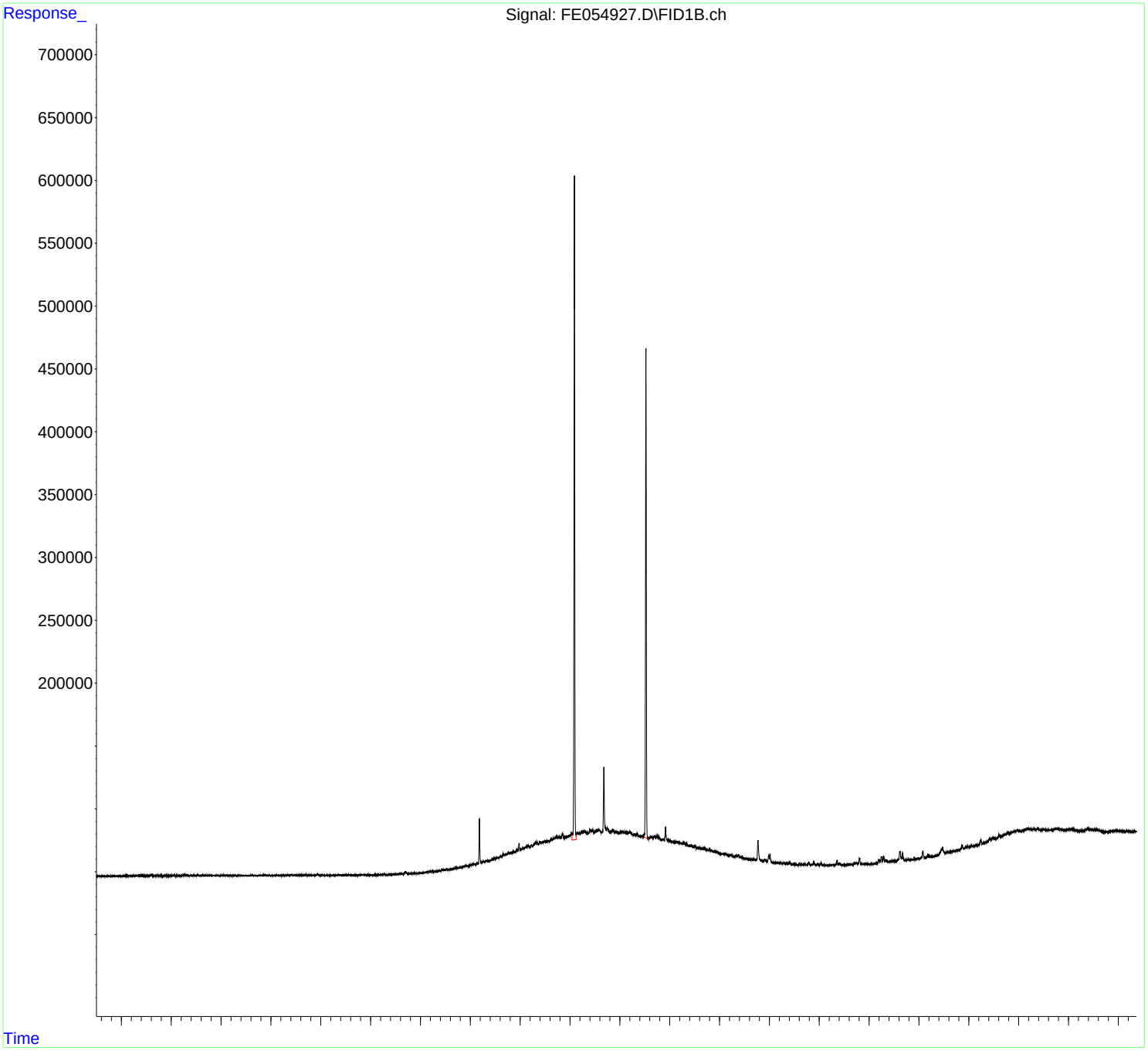
(f)=RT Delta > 1/2 Window (m)=manual int.

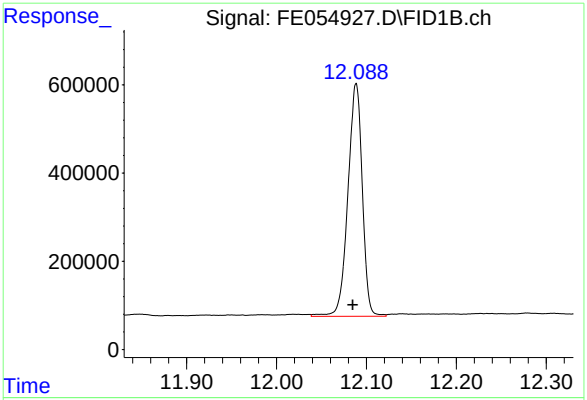
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054927.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 15:25
Operator : YP\AJ
Sample : Q2618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
4

Integration File: autoint1.e
Quant Time: Jul 18 23:11:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

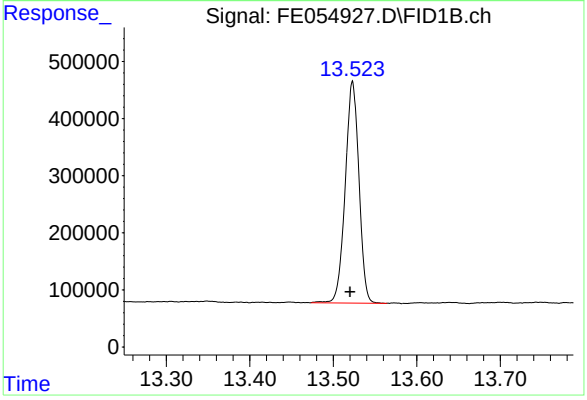




#9 ortho-Terphenyl (SURR)

R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 5874568
Conc: 36.17 ug/ml

Instrument :
FID_E
ClientSampleId :
4



#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 4441371
Conc: 35.17 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054927.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 15:25
Sample : Q2618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.837	2.804	2.854	BV	145	2339	0.03%	0.002%
2	2.864	2.854	2.891	VV	107	1553	0.02%	0.002%
3	2.935	2.891	2.947	VV	109	1362	0.02%	0.001%
4	2.971	2.947	2.984	VV	152	2102	0.03%	0.002%
5	2.990	2.984	3.031	VV	75	2723	0.04%	0.003%
6	3.047	3.031	3.058	VV	231	2711	0.04%	0.003%
7	3.071	3.058	3.135	VV	265	8417	0.12%	0.009%
8	3.162	3.135	3.267	VV	181	10711	0.15%	0.011%
9	3.288	3.267	3.331	VV	244	6654	0.09%	0.007%
10	3.342	3.331	3.404	VV	201	6969	0.10%	0.007%
11	3.427	3.404	3.451	VV	260	5542	0.08%	0.006%
12	3.467	3.451	3.515	VV	207	6804	0.09%	0.007%
13	3.546	3.515	3.574	VV	331	8680	0.12%	0.009%
14	3.591	3.574	3.601	VV	338	4658	0.06%	0.005%
15	3.608	3.601	3.643	VV	323	6463	0.09%	0.007%
16	3.661	3.643	3.691	VV	304	7550	0.10%	0.008%
17	3.708	3.691	3.725	VV	261	5088	0.07%	0.005%
18	3.736	3.725	3.770	VV	298	6232	0.09%	0.007%
19	3.784	3.770	3.805	VV	241	4202	0.06%	0.004%
20	3.838	3.805	3.853	VV	276	5789	0.08%	0.006%
21	3.877	3.853	3.909	VV	281	7193	0.10%	0.008%
22	3.920	3.909	3.939	VV	278	3686	0.05%	0.004%
23	3.955	3.939	3.995	VV	265	7452	0.10%	0.008%
24	4.016	3.995	4.067	VV	392	11018	0.15%	0.012%
25	4.086	4.067	4.124	VV	300	8253	0.11%	0.009%
26	4.128	4.124	4.160	VV	288	4895	0.07%	0.005%
27	4.218	4.160	4.251	VV	451	14785	0.20%	0.015%
28	4.272	4.251	4.305	VV	736	15054	0.21%	0.016%
29	4.316	4.305	4.376	VV	369	12105	0.17%	0.013%
30	4.388	4.376	4.396	VV	324	3140	0.04%	0.003%
31	4.413	4.396	4.435	VV	345	6967	0.10%	0.007%
32	4.454	4.435	4.503	VV	435	14326	0.20%	0.015%
33	4.518	4.503	4.545	VV	365	7809	0.11%	0.008%
34	4.564	4.545	4.601	VV	369	10273	0.14%	0.011%
35	4.635	4.601	4.658	VV	356	10221	0.14%	0.011%
36	4.682	4.658	4.764	VV	587	22082	0.31%	0.023%

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37	4.795	4.764	4.822	VV	307	9087	0.13%	0.010%
38	4.852	4.822	4.878	VV	369	8804	0.12%	0.009%
39	4.888	4.878	4.901	VV	240	3193	0.04%	0.003%
40	4.927	4.901	5.011	VV	293	15878	0.22%	0.017%
41	5.056	5.011	5.078	VV	313	9990	0.14%	0.010%
42	5.093	5.078	5.131	VV	312	8351	0.12%	0.009%
43	5.138	5.131	5.194	VV	291	8904	0.12%	0.009%
44	5.215	5.194	5.226	VV	254	3961	0.05%	0.004%
45	5.234	5.226	5.264	VV	283	5189	0.07%	0.005%
46	5.270	5.264	5.288	VV	240	3008	0.04%	0.003%
47	5.296	5.288	5.321	VV	237	4028	0.06%	0.004%
48	5.347	5.321	5.374	VV	328	7971	0.11%	0.008%
49	5.403	5.374	5.454	VV	404	13502	0.19%	0.014%
50	5.460	5.454	5.474	VV	285	2826	0.04%	0.003%
51	5.507	5.474	5.552	VV	307	12199	0.17%	0.013%
52	5.583	5.552	5.601	VV	271	6298	0.09%	0.007%
53	5.629	5.601	5.694	VV	621	16194	0.22%	0.017%
54	5.701	5.694	5.742	VV	250	6473	0.09%	0.007%
55	5.788	5.742	5.811	VV	265	9125	0.13%	0.010%
56	5.821	5.811	5.845	VV	299	4930	0.07%	0.005%
57	5.861	5.845	5.871	VV	677	6956	0.10%	0.007%
58	5.882	5.871	5.924	VV	481	10176	0.14%	0.011%
59	5.945	5.924	5.977	VV	294	8277	0.11%	0.009%
60	6.002	5.977	6.014	VV	310	5369	0.07%	0.006%
61	6.023	6.014	6.049	VV	287	4740	0.07%	0.005%
62	6.070	6.049	6.133	VV	393	15111	0.21%	0.016%
63	6.149	6.133	6.174	VV	404	7785	0.11%	0.008%
64	6.200	6.174	6.214	VV	353	6784	0.09%	0.007%
65	6.218	6.214	6.225	VV	293	1641	0.02%	0.002%
66	6.252	6.225	6.291	VV	360	11512	0.16%	0.012%
67	6.333	6.291	6.351	VV	429	11465	0.16%	0.012%
68	6.361	6.351	6.383	VV	376	6482	0.09%	0.007%
69	6.405	6.383	6.464	VV	935	24250	0.34%	0.025%
70	6.485	6.464	6.545	VV	527	18586	0.26%	0.019%
71	6.560	6.545	6.591	VV	441	9151	0.13%	0.010%
72	6.601	6.591	6.608	VV	306	2584	0.04%	0.003%
73	6.635	6.608	6.642	VV	386	6169	0.09%	0.006%
74	6.655	6.642	6.674	VV	366	5843	0.08%	0.006%
75	6.697	6.674	6.741	VV	803	16768	0.23%	0.018%
76	6.752	6.741	6.761	VV	345	3697	0.05%	0.004%
77	6.789	6.761	6.837	VV	358	13683	0.19%	0.014%
78	6.856	6.837	6.885	VV	444	9889	0.14%	0.010%
79	6.934	6.885	6.992	VV	1404	31950	0.44%	0.033%
80	7.001	6.992	7.009	VV	280	2997	0.04%	0.003%
81	7.016	7.009	7.041	VV	334	5128	0.07%	0.005%
82	7.066	7.041	7.104	VV	339	9298	0.13%	0.010%
83	7.126	7.104	7.134	VV	241	3778	0.05%	0.004%
84	7.148	7.134	7.170	VV	352	5639	0.08%	0.006%
85	7.204	7.170	7.228	VV	329	7272	0.10%	0.008%
86	7.268	7.228	7.297	PV	288	8254	0.11%	0.009%
87	7.348	7.297	7.456	VV	634	32316	0.45%	0.034%
88	7.502	7.456	7.520	VV	465	10874	0.15%	0.011%
89	7.538	7.520	7.624	VV	348	13871	0.19%	0.015%

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90	7.644	7.624	7.663	VV	169	3304	0.05%	0.003%
91	7.677	7.663	7.692	VV	230	2867	0.04%	0.003%
92	7.721	7.692	7.761	VV	212	6277	0.09%	0.007%
93	7.805	7.761	7.843	VV	350	8499	0.12%	0.009%
94	7.863	7.843	7.874	VV	269	3807	0.05%	0.004%
95	7.887	7.874	7.921	VV	239	4821	0.07%	0.005%
96	7.945	7.921	7.978	VV	232	5413	0.08%	0.006%
97	7.988	7.978	8.014	VV	137	2223	0.03%	0.002%
98	8.031	8.014	8.080	PV	174	3423	0.05%	0.004%
99	8.103	8.080	8.128	VV	640	8763	0.12%	0.009%
100	8.145	8.128	8.154	VV	183	2682	0.04%	0.003%
101	8.166	8.154	8.191	VV	252	3493	0.05%	0.004%
102	8.211	8.191	8.224	VV	315	4168	0.06%	0.004%
103	8.241	8.224	8.252	VV	548	6373	0.09%	0.007%
104	8.271	8.252	8.301	VV	1039	15485	0.21%	0.016%
105	8.305	8.301	8.335	VV	248	2957	0.04%	0.003%
106	8.375	8.335	8.398	VV	287	6966	0.10%	0.007%
107	8.406	8.398	8.414	VV	214	2040	0.03%	0.002%
108	8.437	8.414	8.461	VV	497	10527	0.15%	0.011%
109	8.469	8.461	8.491	VV	414	5518	0.08%	0.006%
110	8.542	8.491	8.551	VV	378	8625	0.12%	0.009%
111	8.585	8.551	8.608	VV	863	18798	0.26%	0.020%
112	8.616	8.608	8.640	VV	626	10953	0.15%	0.011%
113	8.695	8.640	8.748	VV	2247	69270	0.96%	0.072%
114	8.760	8.748	8.790	VV	723	14553	0.20%	0.015%
115	8.827	8.790	8.851	VV	845	25832	0.36%	0.027%
116	8.874	8.851	8.914	VV	1082	33381	0.46%	0.035%
117	8.938	8.914	8.954	VV	958	20451	0.28%	0.021%
118	8.973	8.954	9.008	VV	1211	31554	0.44%	0.033%
119	9.027	9.008	9.045	VV	1057	21346	0.30%	0.022%
120	9.107	9.045	9.120	VV	1491	55190	0.77%	0.058%
121	9.134	9.120	9.153	VV	1837	31748	0.44%	0.033%
122	9.176	9.153	9.188	VV	1971	36597	0.51%	0.038%
123	9.234	9.188	9.264	VV	2633	93593	1.30%	0.098%
124	9.270	9.264	9.303	VV	1974	41225	0.57%	0.043%
125	9.362	9.303	9.381	VV	2341	98564	1.37%	0.103%
126	9.434	9.381	9.459	VV	3495	127616	1.77%	0.134%
127	9.480	9.459	9.494	VV	3207	62332	0.86%	0.065%
128	9.519	9.494	9.556	VV	3548	118886	1.65%	0.124%
129	9.578	9.556	9.595	VV	3341	75126	1.04%	0.079%
130	9.662	9.595	9.674	VV	3703	164330	2.28%	0.172%
131	9.716	9.674	9.727	VV	4560	131313	1.82%	0.137%
132	9.742	9.727	9.760	VV	4738	88943	1.23%	0.093%
133	9.860	9.760	9.890	VV	5675	377310	5.23%	0.395%
134	9.906	9.890	9.923	VV	6177	115135	1.60%	0.120%
135	9.944	9.923	9.961	VV	5861	131164	1.82%	0.137%
136	10.071	9.961	10.111	VV	7135	587883	8.15%	0.615%
137	10.137	10.111	10.154	VV	7967	189248	2.62%	0.198%
138	10.182	10.154	10.224	VV	42883	688769	9.55%	0.721%
139	10.249	10.224	10.277	VV	8777	271208	3.76%	0.284%
140	10.319	10.277	10.348	VV	9405	386584	5.36%	0.404%
141	10.364	10.348	10.381	VV	9794	189417	2.63%	0.198%

142	10.449	10.381	10.463	VV	10787	497494	6.90%	0.520%
143	10.486	10.463	10.501	VV	11637	255278	3.54%	0.267%
144	10.554	10.501	10.567	VV	11800	452001	6.27%	0.473%
145	10.592	10.567	10.603	VV	12613	261402	3.62%	0.273%
146	10.619	10.603	10.629	VV	12965	202000	2.80%	0.211%
147	10.661	10.629	10.682	VV	14855	430953	5.97%	0.451%
148	10.714	10.682	10.728	VV	14614	393484	5.46%	0.412%
149	10.759	10.728	10.780	VV	15790	472354	6.55%	0.494%
150	10.802	10.780	10.818	VV	15867	351683	4.88%	0.368%
151	10.834	10.818	10.844	VV	15870	240127	3.33%	0.251%
152	10.859	10.844	10.890	VV	16316	445806	6.18%	0.466%
153	10.938	10.890	10.953	VV	18115	643829	8.93%	0.674%
154	10.978	10.953	10.998	VV	22707	518815	7.19%	0.543%
155	11.009	10.998	11.028	VV	18420	328490	4.55%	0.344%
156	11.052	11.028	11.078	VV	19202	555231	7.70%	0.581%
157	11.125	11.078	11.135	VV	20339	672480	9.32%	0.704%
158	11.153	11.135	11.199	VV	21065	769932	10.67%	0.805%
159	11.225	11.199	11.248	VV	21162	602629	8.35%	0.630%
160	11.279	11.248	11.287	VV	22495	506586	7.02%	0.530%
161	11.310	11.287	11.322	VV	23092	473406	6.56%	0.495%
162	11.337	11.322	11.365	VV	23657	592716	8.22%	0.620%
163	11.393	11.365	11.434	VV	24076	951946	13.20%	0.996%
164	11.448	11.434	11.466	VV	24155	459884	6.38%	0.481%
165	11.493	11.466	11.513	VV	24660	673390	9.34%	0.704%
166	11.567	11.513	11.582	VV	24407	982828	13.63%	1.028%
167	11.630	11.582	11.641	VV	25679	884942	12.27%	0.926%
168	11.733	11.641	11.760	VV	28169	1901213	26.36%	1.989%
169	11.775	11.760	11.792	VV	27415	518065	7.18%	0.542%
170	11.806	11.792	11.822	VV	27318	479058	6.64%	0.501%
171	11.847	11.822	11.871	VV	29788	825396	11.44%	0.863%
172	11.880	11.871	11.899	VV	26842	452069	6.27%	0.473%
173	11.921	11.899	11.938	VV	27746	624905	8.66%	0.654%
174	11.949	11.938	11.967	VV	27948	484472	6.72%	0.507%
175	11.984	11.967	11.998	VV	28490	515700	7.15%	0.539%
176	12.020	11.998	12.031	VV	29248	574153	7.96%	0.601%
177	12.088	12.031	12.120	VV	553173	7213181	100.00%	7.546%
178	12.140	12.120	12.154	VV	30403	596318	8.27%	0.624%
179	12.168	12.154	12.179	VV	29934	444016	6.16%	0.465%
180	12.196	12.179	12.206	VV	30110	497476	6.90%	0.520%
181	12.279	12.206	12.297	VV	32142	1666160	23.10%	1.743%
182	12.308	12.297	12.335	VV	31453	698635	9.69%	0.731%
183	12.394	12.335	12.408	VV	32829	1340797	18.59%	1.403%
184	12.417	12.408	12.431	VV	32056	440284	6.10%	0.461%
185	12.450	12.431	12.488	VV	32291	1062926	14.74%	1.112%
186	12.538	12.488	12.557	VV	32640	1297922	17.99%	1.358%
187	12.570	12.557	12.631	VV	32575	1396945	19.37%	1.461%
188	12.679	12.631	12.731	VV	81656	2467195	34.20%	2.581%
189	12.746	12.731	12.792	VV	33943	1177042	16.32%	1.231%
190	12.802	12.792	12.838	VV	30888	847278	11.75%	0.886%
191	12.846	12.838	12.888	VV	31783	935536	12.97%	0.979%
192	12.922	12.888	12.967	VV	31004	1433916	19.88%	1.500%
193	12.982	12.967	12.994	VV	29675	477211	6.62%	0.499%
194	13.018	12.994	13.050	VV	30370	995503	13.80%	1.041%

195	13.066	13.050	13.080	VV	30823	553662	7.68%	0.579%
196	13.099	13.080	13.122	VV	30383	738778	10.24%	0.773%
197	13.145	13.122	13.158	VV	30100	639500	8.87%	0.669%
198	13.168	13.158	13.181	VV	29120	405554	5.62%	0.424%
199	13.202	13.181	13.285	VV	30370	1784846	24.74%	1.867%
200	13.306	13.285	13.314	VV	28324	496795	6.89%	0.520%
201	13.349	13.314	13.378	VV	28815	1051293	14.57%	1.100%
202	13.386	13.378	13.400	VV	26881	354967	4.92%	0.371%
203	13.413	13.400	13.431	VV	26839	492372	6.83%	0.515%
204	13.448	13.431	13.461	VV	27044	475198	6.59%	0.497%
205	13.523	13.461	13.564	VV	408995	5997343	83.14%	6.274%
206	13.573	13.564	13.588	VV	25322	359476	4.98%	0.376%
207	13.604	13.588	13.614	VV	25807	404375	5.61%	0.423%
208	13.640	13.614	13.663	VV	26073	733886	10.17%	0.768%
209	13.701	13.663	13.718	VV	26287	856931	11.88%	0.896%
210	13.746	13.718	13.771	VV	26384	810480	11.24%	0.848%
211	13.779	13.771	13.824	VV	25833	775548	10.75%	0.811%
212	13.834	13.824	13.844	VV	23734	287980	3.99%	0.301%
213	13.870	13.844	13.893	VV	23720	686373	9.52%	0.718%
214	13.915	13.893	13.960	VV	33269	1038240	14.39%	1.086%
215	13.970	13.960	13.994	VV	23192	471944	6.54%	0.494%
216	14.009	13.994	14.088	VV	22551	1217745	16.88%	1.274%
217	14.148	14.088	14.165	VV	21608	979664	13.58%	1.025%
218	14.175	14.165	14.255	VV	20949	1105033	15.32%	1.156%
219	14.271	14.255	14.320	VV	20608	770189	10.68%	0.806%
220	14.340	14.320	14.365	VV	19585	512419	7.10%	0.536%
221	14.374	14.365	14.411	VV	18545	505113	7.00%	0.528%
222	14.430	14.411	14.463	VV	18536	559340	7.75%	0.585%
223	14.478	14.463	14.491	VV	17541	284222	3.94%	0.297%
224	14.510	14.491	14.532	VV	18222	433905	6.02%	0.454%
225	14.554	14.532	14.575	VV	16605	415188	5.76%	0.434%
226	14.584	14.575	14.599	VV	16328	235254	3.26%	0.246%
227	14.605	14.599	14.634	VV	16207	331416	4.59%	0.347%
228	14.648	14.634	14.658	VV	15742	216959	3.01%	0.227%
229	14.678	14.658	14.698	VV	16164	378007	5.24%	0.395%
230	14.711	14.698	14.734	VV	16115	331536	4.60%	0.347%
231	14.747	14.734	14.781	VV	14958	415458	5.76%	0.435%
232	14.802	14.781	14.824	VV	15591	370138	5.13%	0.387%
233	14.838	14.824	14.864	VV	14270	334545	4.64%	0.350%
234	14.872	14.864	14.899	VV	13345	271355	3.76%	0.284%
235	14.918	14.899	14.932	VV	13029	253316	3.51%	0.265%
236	14.943	14.932	15.024	VV	12830	660211	9.15%	0.691%
237	15.032	15.024	15.051	VV	11356	178333	2.47%	0.187%
238	15.061	15.051	15.084	VV	11220	217246	3.01%	0.227%
239	15.107	15.084	15.172	VV	11429	560105	7.77%	0.586%
240	15.187	15.172	15.211	VV	10082	232688	3.23%	0.243%
241	15.218	15.211	15.266	VV	10426	317097	4.40%	0.332%
242	15.273	15.266	15.294	VV	9062	152073	2.11%	0.159%
243	15.330	15.294	15.357	VV	9744	335283	4.65%	0.351%
244	15.378	15.357	15.410	VV	10165	287990	3.99%	0.301%
245	15.422	15.410	15.484	VV	8528	347586	4.82%	0.364%
246	15.488	15.484	15.564	VV	7433	331462	4.60%	0.347%

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247	15.575	15.564	15.614	VV	6605	186469	2.59%	0.195%
248	15.640	15.614	15.683	VV	6501	253866	3.52%	0.266%
249	15.696	15.683	15.737	VV	6227	189681	2.63%	0.198%
250	15.771	15.737	15.853	VV	21032	624279	8.65%	0.653%
251	15.866	15.853	15.880	VV	5145	78278	1.09%	0.082%
252	15.902	15.880	15.945	VV	5895	198564	2.75%	0.208%
253	15.985	15.945	15.998	VV	8778	193796	2.69%	0.203%
254	16.012	15.998	16.094	VV	9748	277352	3.85%	0.290%
255	16.101	16.094	16.159	VV	3268	117505	1.63%	0.123%
256	16.176	16.159	16.198	VV	3150	69622	0.97%	0.073%
257	16.210	16.198	16.264	VV	2788	105207	1.46%	0.110%
258	16.294	16.264	16.348	VV	2738	120279	1.67%	0.126%
259	16.367	16.348	16.383	VV	2452	47797	0.66%	0.050%
260	16.404	16.383	16.454	VV	3752	103383	1.43%	0.108%
261	16.462	16.454	16.561	VV	1839	95274	1.32%	0.100%
262	16.618	16.561	16.669	VV	1365	73796	1.02%	0.077%
263	16.709	16.669	16.733	VV	1689	45100	0.63%	0.047%
264	16.745	16.733	16.768	VV	1134	19627	0.27%	0.021%
265	16.789	16.768	16.833	VV	2826	61338	0.85%	0.064%
266	16.851	16.833	16.864	VV	1070	16653	0.23%	0.017%
267	16.889	16.864	16.944	VV	3626	76133	1.06%	0.080%
268	16.973	16.944	16.998	VV	1616	31584	0.44%	0.033%
269	17.036	16.998	17.072	VV	2112	40443	0.56%	0.042%
270	17.083	17.072	17.116	VV	262	5658	0.08%	0.006%
271	17.137	17.116	17.152	PV	253	3886	0.05%	0.004%
272	17.216	17.152	17.254	VV	632	18338	0.25%	0.019%
273	17.272	17.254	17.301	VV	529	7404	0.10%	0.008%
274	17.355	17.301	17.383	PV	3738	62091	0.86%	0.065%
275	17.406	17.383	17.459	VV	1944	36065	0.50%	0.038%
276	17.507	17.459	17.536	VV	247	7069	0.10%	0.007%
277	17.562	17.536	17.574	PV	331	3963	0.05%	0.004%
278	17.608	17.574	17.664	VV	568	15100	0.21%	0.016%
279	17.708	17.664	17.721	VV	1458	24318	0.34%	0.025%
280	17.738	17.721	17.775	VV	1419	32746	0.45%	0.034%
281	17.806	17.775	17.858	VV	4963	83446	1.16%	0.087%
282	17.865	17.858	17.874	VV	192	1455	0.02%	0.002%
283	17.891	17.874	17.921	VV	641	10000	0.14%	0.010%
284	17.950	17.921	17.974	VV	353	7118	0.10%	0.007%
285	17.988	17.974	18.010	VV	198	2174	0.03%	0.002%
286	18.039	18.010	18.048	PV	235	3264	0.05%	0.003%
287	18.064	18.048	18.071	VV	127	1094	0.02%	0.001%
288	18.091	18.071	18.103	PV	342	3318	0.05%	0.003%
289	18.127	18.103	18.146	VV	438	5814	0.08%	0.006%
290	18.195	18.146	18.219	VV	2904	53664	0.74%	0.056%
291	18.245	18.219	18.265	VV	5198	80857	1.12%	0.085%
292	18.287	18.265	18.316	VV	5011	91376	1.27%	0.096%
293	18.334	18.316	18.374	VV	2286	43389	0.60%	0.045%
294	18.380	18.374	18.394	VV	450	4965	0.07%	0.005%
295	18.486	18.394	18.541	VV	1042	39920	0.55%	0.042%
296	18.616	18.541	18.647	VV	7589	170788	2.37%	0.179%
297	18.669	18.647	18.718	VV	5793	99380	1.38%	0.104%
298	18.774	18.718	18.798	PV	435	12486	0.17%	0.013%
299	18.902	18.798	18.921	VV	540	9794	0.14%	0.010%

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300	18.978	18.921	19.004	VV	409	8312	0.12%	0.009%
301	19.078	19.004	19.134	PV	5640	104177	1.44%	0.109%
302	19.180	19.134	19.206	PV	2268	39269	0.54%	0.041%
303	19.249	19.206	19.267	VV	607	18249	0.25%	0.019%
304	19.476	19.267	19.525	VV	5765	259803	3.60%	0.272%
305	19.579	19.525	19.601	VV	1805	70155	0.97%	0.073%
306	19.630	19.601	19.648	VV	1514	37904	0.53%	0.040%
307	19.677	19.648	19.701	VV	1598	44836	0.62%	0.047%
308	19.784	19.701	19.802	VV	1712	90282	1.25%	0.094%
309	19.863	19.802	19.898	VV	5149	153821	2.13%	0.161%
310	19.940	19.898	19.955	VV	3539	93173	1.29%	0.097%
311	19.978	19.955	20.024	VV	3419	120783	1.67%	0.126%
312	20.052	20.024	20.079	VV	3393	97088	1.35%	0.102%
313	20.160	20.079	20.184	VV	3098	182197	2.53%	0.191%
314	20.241	20.184	20.266	VV	6721	206566	2.86%	0.216%
315	20.346	20.266	20.355	VV	4414	210124	2.91%	0.220%
316	20.420	20.355	20.441	VV	6437	269422	3.74%	0.282%
317	20.481	20.441	20.541	VV	6736	361237	5.01%	0.378%
318	20.606	20.541	20.633	VV	8709	368881	5.11%	0.386%
319	20.725	20.633	20.738	VV	7724	441432	6.12%	0.462%
320	20.778	20.738	20.810	VV	9173	355198	4.92%	0.372%
321	20.974	20.810	21.009	VV	9864	1037093	14.38%	1.085%
322	21.027	21.009	21.040	VV	8428	154565	2.14%	0.162%
323	21.171	21.040	21.194	VV	9257	802532	11.13%	0.840%
324	21.208	21.194	21.218	VV	8778	123512	1.71%	0.129%
325	21.225	21.218	21.263	VV	8671	227837	3.16%	0.238%
326	21.276	21.263	21.288	VV	8034	117367	1.63%	0.123%
327	21.302	21.288	21.347	VV	8030	273927	3.80%	0.287%
328	21.385	21.347	21.450	VV	8257	436682	6.05%	0.457%
329	21.501	21.450	21.618	VV	6389	589422	8.17%	0.617%
330	21.771	21.618	21.824	VV	5243	614969	8.53%	0.643%
331	21.842	21.824	21.944	VV	4385	250816	3.48%	0.262%
332	22.072	21.944	22.188	VV	2774	323168	4.48%	0.338%
333	22.265	22.188	22.274	VV	173	8097	0.11%	0.008%

Sum of corrected areas: 95589897

Aliphatic EPH 062725.M Fri Jul 18 23:45:58 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	5	SDG No.:	Q2618
Lab Sample ID:	Q2618-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
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
07/18/25 08:55	07/18/25 15:56	PB168910

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	27.5		1	0.97	4.27	mg/kg	FE054928.D
Total EPH	Total EPH	27.5			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

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	5	SDG No.:	Q2618
Lab Sample ID:	Q2618-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
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
FE054928.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	27.5		0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.03		1.26	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.0		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.7		40 - 140	73%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2618-07	Acq On:	18 Jul 2025 15:56
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE054928.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.330	6.963	413575	3.04	300	ug/ml
Aliphatic C12-C16	6.964	10.415	3227155	22.958	200	ug/ml
Aliphatic C16-C21	10.416	13.793	37667311	260.865	300	ug/ml
Aliphatic C21-C28	13.794	17.463	14606713	100.978	400	ug/ml
Aliphatic C28-C40	17.464	22.490	9823909	70.855	600	ug/ml
Aliphatic EPH	3.330	22.490	65738663	458.697		ug/ml
ortho-Terphenyl (SURR)	12.088	12.088	5955040	36.67		ug/ml
1-chlorooctadecane (SURR)	13.524	13.524	4552503	36.05		ug/ml
Aliphatic C9-C28	3.330	17.463	55914754	387.841	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054928.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 15:56
Operator : YP\AJ
Sample : Q2618-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5

Integration File: autoint1.e
Quant Time: Jul 18 23:11:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.088	5955040	36.670 ug/ml
Spiked Amount 50.000		Recovery =	73.34%
12) S 1-chlorooctadecane (S...	13.524	4552503	36.047 ug/ml
Spiked Amount 50.000		Recovery =	72.09%
Target Compounds			

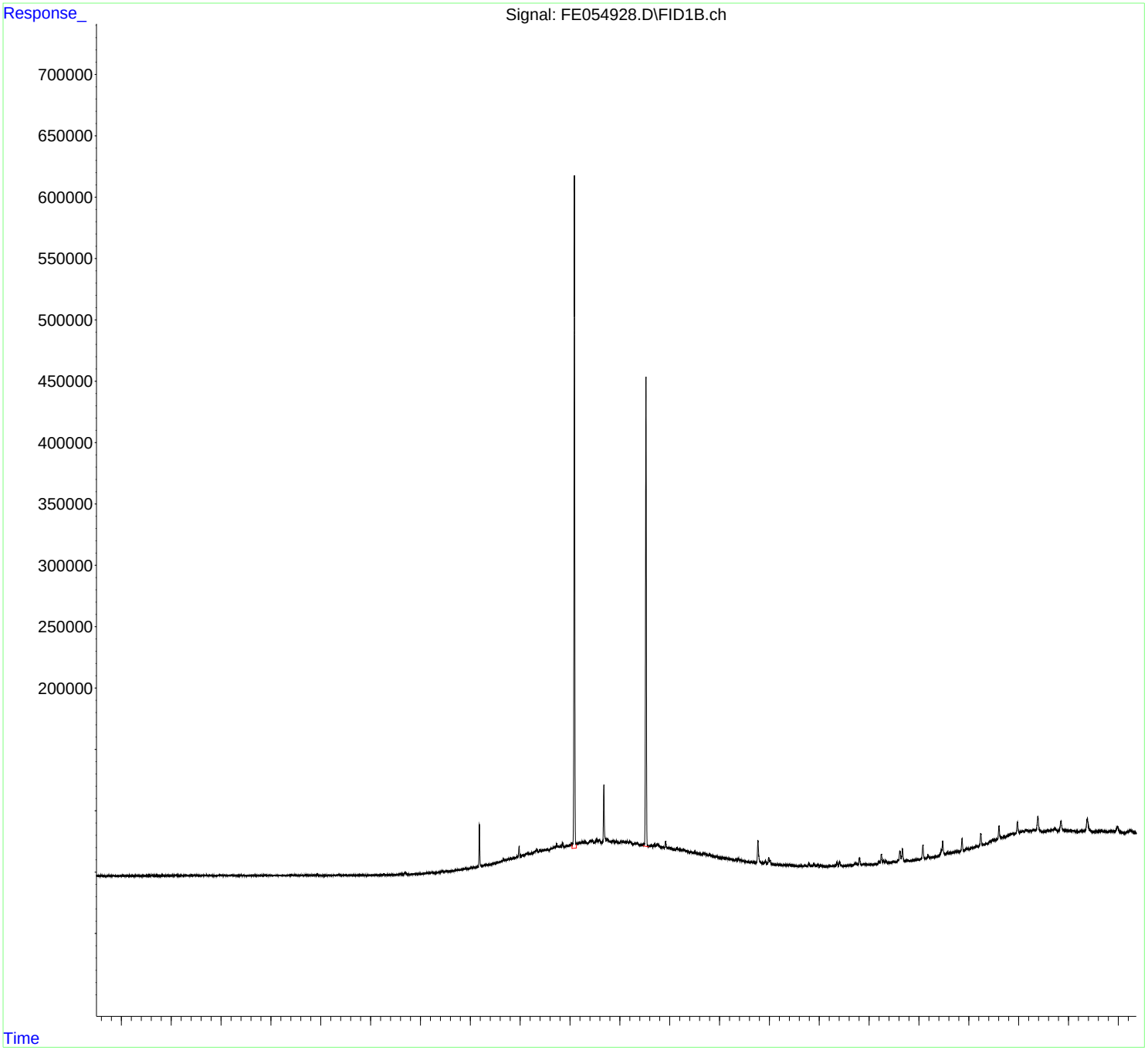
(f)=RT Delta > 1/2 Window (m)=manual int.

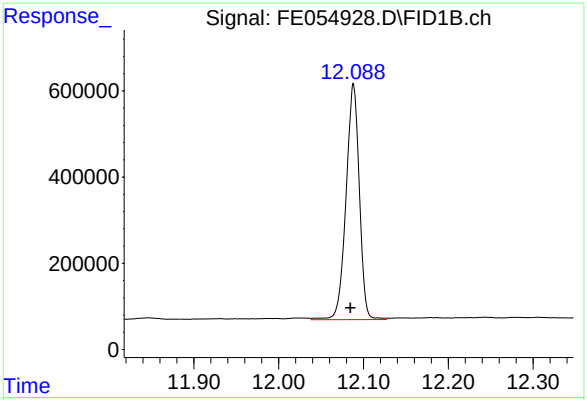
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054928.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 15:56
Operator : YP\AJ
Sample : Q2618-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5

Integration File: autoint1.e
Quant Time: Jul 18 23:11:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

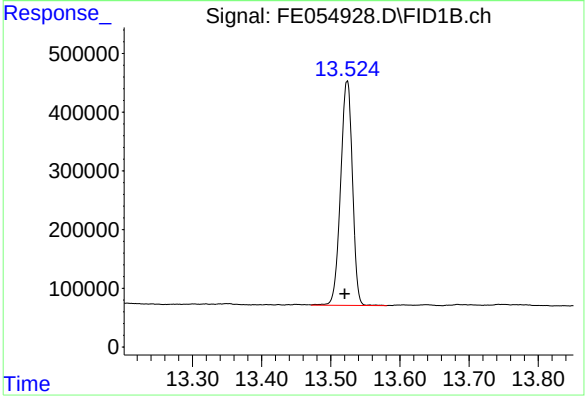




#9 ortho-Terphenyl (SURR)

R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 5955040
Conc: 36.67 ug/ml

Instrument :
FID_E
ClientSampleId :
5



#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4552503
Conc: 36.05 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054928.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 15:56
Sample : Q2618-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	2.828	2.804	2.896	BV	131	4390	0.06%	0.006%
2	2.910	2.896	2.934	PV	118	1259	0.02%	0.002%
3	2.989	2.934	3.008	PV	153	4121	0.06%	0.005%
4	3.010	3.008	3.027	VV	195	1256	0.02%	0.002%
5	3.041	3.027	3.105	VV	186	7245	0.10%	0.009%
6	3.117	3.105	3.140	VV	267	2729	0.04%	0.003%
7	3.161	3.140	3.212	VV	221	4423	0.06%	0.006%
8	3.224	3.212	3.258	VV	96	1804	0.03%	0.002%
9	3.290	3.258	3.341	VV	159	5466	0.08%	0.007%
10	3.351	3.341	3.391	VV	153	2925	0.04%	0.004%
11	3.423	3.391	3.488	VV	197	6989	0.10%	0.009%
12	3.510	3.488	3.538	VV	151	3379	0.05%	0.004%
13	3.548	3.538	3.565	VV	255	3271	0.05%	0.004%
14	3.572	3.565	3.648	VV	212	8465	0.12%	0.011%
15	3.664	3.648	3.681	VV	190	2905	0.04%	0.004%
16	3.710	3.681	3.781	VV	155	8777	0.13%	0.011%
17	3.790	3.781	3.814	VV	163	2707	0.04%	0.003%
18	3.826	3.814	3.837	VV	199	1841	0.03%	0.002%
19	3.873	3.837	3.911	VV	186	6239	0.09%	0.008%
20	3.921	3.911	3.931	VV	162	1673	0.02%	0.002%
21	3.943	3.931	3.961	VV	181	2351	0.03%	0.003%
22	3.964	3.961	3.981	VV	134	1290	0.02%	0.002%
23	4.007	3.981	4.052	VV	207	6447	0.09%	0.008%
24	4.079	4.052	4.094	VV	182	3481	0.05%	0.004%
25	4.144	4.094	4.171	VV	201	6798	0.10%	0.009%
26	4.180	4.171	4.204	VV	185	3430	0.05%	0.004%
27	4.215	4.204	4.240	VV	390	5042	0.07%	0.006%
28	4.269	4.240	4.334	VV	708	19476	0.28%	0.025%
29	4.343	4.334	4.352	VV	270	2318	0.03%	0.003%
30	4.359	4.352	4.371	VV	248	2362	0.03%	0.003%
31	4.425	4.371	4.437	VV	301	9603	0.14%	0.012%
32	4.456	4.437	4.508	VV	341	11335	0.16%	0.014%
33	4.520	4.508	4.568	VV	317	8057	0.12%	0.010%
34	4.576	4.568	4.609	VV	242	4998	0.07%	0.006%
35	4.630	4.609	4.653	VV	234	5507	0.08%	0.007%
36	4.681	4.653	4.711	VV	494	10703	0.15%	0.014%

rteres

37	4.722	4.711	4.825	VV	270	13334	0.19%	0.017%
38	4.854	4.825	4.891	PV	291	6246	0.09%	0.008%
39	4.919	4.891	4.931	VV	278	5160	0.07%	0.007%
40	4.937	4.931	4.956	VV	256	3225	0.05%	0.004%
41	4.974	4.956	5.021	VV	242	8064	0.12%	0.010%
42	5.029	5.021	5.037	VV	219	1955	0.03%	0.002%
43	5.105	5.037	5.133	VV	322	13651	0.20%	0.017%
44	5.143	5.133	5.171	VV	263	4549	0.07%	0.006%
45	5.185	5.171	5.222	VV	211	5357	0.08%	0.007%
46	5.234	5.222	5.265	VV	213	3933	0.06%	0.005%
47	5.287	5.265	5.334	VV	168	5541	0.08%	0.007%
48	5.346	5.334	5.368	VV	207	3281	0.05%	0.004%
49	5.396	5.368	5.418	VV	297	5171	0.07%	0.007%
50	5.437	5.418	5.468	VV	195	4820	0.07%	0.006%
51	5.488	5.468	5.502	VV	145	2800	0.04%	0.004%
52	5.514	5.502	5.524	VV	178	1730	0.02%	0.002%
53	5.535	5.524	5.581	VV	157	2984	0.04%	0.004%
54	5.592	5.581	5.599	VV	109	932	0.01%	0.001%
55	5.629	5.599	5.687	VV	408	8410	0.12%	0.011%
56	5.698	5.687	5.729	VV	227	3063	0.04%	0.004%
57	5.757	5.729	5.788	VV	105	2981	0.04%	0.004%
58	5.804	5.788	5.818	VV	157	1987	0.03%	0.003%
59	5.825	5.818	5.842	VV	166	2100	0.03%	0.003%
60	5.861	5.842	5.925	VV	481	11799	0.17%	0.015%
61	5.941	5.925	5.964	VV	166	3100	0.04%	0.004%
62	6.003	5.964	6.051	VV	229	6800	0.10%	0.009%
63	6.073	6.051	6.084	VV	259	3807	0.05%	0.005%
64	6.090	6.084	6.109	VV	207	2615	0.04%	0.003%
65	6.151	6.109	6.179	VV	227	6303	0.09%	0.008%
66	6.196	6.179	6.204	VV	199	2146	0.03%	0.003%
67	6.232	6.204	6.301	VV	229	9788	0.14%	0.012%
68	6.339	6.301	6.358	VV	222	5756	0.08%	0.007%
69	6.405	6.358	6.464	VV	730	18553	0.27%	0.024%
70	6.483	6.464	6.543	VV	422	10997	0.16%	0.014%
71	6.565	6.543	6.610	VV	322	7747	0.11%	0.010%
72	6.624	6.610	6.648	VV	222	4419	0.06%	0.006%
73	6.654	6.648	6.676	VV	251	3217	0.05%	0.004%
74	6.697	6.676	6.741	VV	853	12709	0.18%	0.016%
75	6.751	6.741	6.778	VV	195	3336	0.05%	0.004%
76	6.807	6.778	6.835	VV	226	5925	0.08%	0.008%
77	6.879	6.835	6.902	VV	355	9253	0.13%	0.012%
78	6.934	6.902	6.996	VV	1356	21662	0.31%	0.028%
79	7.019	6.996	7.057	VV	216	4890	0.07%	0.006%
80	7.070	7.057	7.098	VV	143	2166	0.03%	0.003%
81	7.115	7.098	7.128	VV	128	1465	0.02%	0.002%
82	7.150	7.128	7.181	VV	168	3502	0.05%	0.004%
83	7.190	7.181	7.227	VV	105	2969	0.04%	0.004%
84	7.240	7.227	7.310	VV	140	4476	0.06%	0.006%
85	7.348	7.310	7.366	VV	483	10300	0.15%	0.013%
86	7.374	7.366	7.468	VV	338	13798	0.20%	0.018%
87	7.504	7.468	7.527	VV	300	6591	0.09%	0.008%
88	7.541	7.527	7.624	VV	211	8310	0.12%	0.011%
89	7.642	7.624	7.659	PV	207	2123	0.03%	0.003%

90	7.676	7.659	7.704	VV	218	3256	0.05%	0.004%
91	7.719	7.704	7.731	VV	153	1857	0.03%	0.002%
92	7.743	7.731	7.761	VV	142	2090	0.03%	0.003%
93	7.806	7.761	7.845	VV	290	7578	0.11%	0.010%
94	7.858	7.845	7.921	VV	174	4102	0.06%	0.005%
95	7.946	7.921	7.994	VV	153	3226	0.05%	0.004%
96	8.032	7.994	8.077	PV	287	4173	0.06%	0.005%
97	8.102	8.077	8.131	VV	613	7671	0.11%	0.010%
98	8.163	8.131	8.190	VV	161	3912	0.06%	0.005%
99	8.208	8.190	8.218	PV	233	2520	0.04%	0.003%
100	8.240	8.218	8.251	VV	500	7334	0.10%	0.009%
101	8.270	8.251	8.341	VV	965	16669	0.24%	0.021%
102	8.379	8.341	8.391	VV	153	3197	0.05%	0.004%
103	8.402	8.391	8.414	VV	144	1354	0.02%	0.002%
104	8.438	8.414	8.455	VV	363	5615	0.08%	0.007%
105	8.469	8.455	8.493	VV	274	4149	0.06%	0.005%
106	8.512	8.493	8.534	VV	216	4206	0.06%	0.005%
107	8.590	8.534	8.648	VV	854	28246	0.40%	0.036%
108	8.694	8.648	8.754	VV	2087	54380	0.78%	0.069%
109	8.764	8.754	8.778	VV	382	4670	0.07%	0.006%
110	8.815	8.778	8.824	VV	512	9784	0.14%	0.012%
111	8.831	8.824	8.856	VV	448	7912	0.11%	0.010%
112	8.874	8.856	8.908	VV	644	15057	0.22%	0.019%
113	8.927	8.908	8.958	VV	632	14375	0.21%	0.018%
114	8.974	8.958	9.007	VV	692	16170	0.23%	0.021%
115	9.026	9.007	9.048	VV	530	12066	0.17%	0.015%
116	9.134	9.048	9.151	VV	1269	52799	0.76%	0.067%
117	9.174	9.151	9.211	VV	1335	41717	0.60%	0.053%
118	9.234	9.211	9.255	VV	1907	37980	0.54%	0.048%
119	9.267	9.255	9.304	VV	1192	32361	0.46%	0.041%
120	9.332	9.304	9.353	VV	1467	37647	0.54%	0.048%
121	9.362	9.353	9.377	VV	1504	20295	0.29%	0.026%
122	9.432	9.377	9.465	VV	2922	104368	1.49%	0.133%
123	9.481	9.465	9.497	VV	2057	37694	0.54%	0.048%
124	9.521	9.497	9.561	VV	2723	83920	1.20%	0.107%
125	9.578	9.561	9.594	VV	2192	42921	0.61%	0.055%
126	9.623	9.594	9.635	VV	2338	54769	0.78%	0.070%
127	9.714	9.635	9.728	VV	3225	147574	2.11%	0.188%
128	9.743	9.728	9.762	VV	3247	62525	0.89%	0.080%
129	9.774	9.762	9.785	VV	2986	39957	0.57%	0.051%
130	9.906	9.785	9.938	VV	4349	332804	4.76%	0.423%
131	9.951	9.938	9.966	VV	4021	66082	0.94%	0.084%
132	10.037	9.966	10.047	VV	4866	214710	3.07%	0.273%
133	10.070	10.047	10.109	VV	5087	182342	2.61%	0.232%
134	10.136	10.109	10.156	VV	5617	148464	2.12%	0.189%
135	10.182	10.156	10.231	VV	39945	604524	8.64%	0.769%
136	10.258	10.231	10.271	VV	6447	149138	2.13%	0.190%
137	10.311	10.271	10.340	VV	7081	273742	3.91%	0.348%
138	10.365	10.340	10.378	VV	7045	152663	2.18%	0.194%
139	10.453	10.378	10.464	VV	7744	374292	5.35%	0.476%
140	10.486	10.464	10.502	VV	8262	182068	2.60%	0.232%
141	10.555	10.502	10.574	VV	8593	362417	5.18%	0.461%

142	10.592	10.574	10.604	VV	9201	161873	2.31%	0.206%
143	10.660	10.604	10.681	VV	11190	457270	6.54%	0.582%
144	10.709	10.681	10.721	VV	10731	249158	3.56%	0.317%
145	10.763	10.721	10.778	VV	11612	372555	5.33%	0.474%
146	10.802	10.778	10.821	VV	11984	295947	4.23%	0.377%
147	10.859	10.821	10.886	VV	12080	458827	6.56%	0.584%
148	10.937	10.886	10.948	VV	13245	457148	6.54%	0.582%
149	10.978	10.948	10.999	VV	21297	491928	7.03%	0.626%
150	11.010	10.999	11.028	VV	13541	229762	3.29%	0.292%
151	11.050	11.028	11.068	VV	14330	333584	4.77%	0.424%
152	11.128	11.068	11.137	VV	15533	603210	8.63%	0.768%
153	11.154	11.137	11.179	VV	15775	390304	5.58%	0.497%
154	11.198	11.179	11.208	VV	15161	257038	3.68%	0.327%
155	11.228	11.208	11.249	VV	15779	378179	5.41%	0.481%
156	11.279	11.249	11.288	VV	17044	375732	5.37%	0.478%
157	11.330	11.288	11.365	VV	19014	807603	11.55%	1.028%
158	11.393	11.365	11.412	VV	18413	488757	6.99%	0.622%
159	11.420	11.412	11.430	VV	17166	192768	2.76%	0.245%
160	11.447	11.430	11.463	VV	18104	340740	4.87%	0.434%
161	11.491	11.463	11.538	VV	18348	807222	11.54%	1.027%
162	11.547	11.538	11.581	VV	18805	468346	6.70%	0.596%
163	11.622	11.581	11.642	VV	19485	681762	9.75%	0.867%
164	11.730	11.642	11.751	VV	22989	1337002	19.12%	1.701%
165	11.765	11.751	11.787	VV	20900	445249	6.37%	0.567%
166	11.806	11.787	11.818	VV	20962	378399	5.41%	0.481%
167	11.847	11.818	11.894	VV	23376	972007	13.90%	1.237%
168	11.930	11.894	11.964	VV	21438	871004	12.46%	1.108%
169	11.989	11.964	12.006	VV	21717	530035	7.58%	0.674%
170	12.023	12.006	12.038	VV	22801	426817	6.10%	0.543%
171	12.088	12.038	12.129	VV	564257	6992958	100.00%	8.898%
172	12.145	12.129	12.158	VV	22796	398209	5.69%	0.507%
173	12.180	12.158	12.204	VV	23612	641683	9.18%	0.816%
174	12.243	12.204	12.263	VV	24326	828174	11.84%	1.054%
175	12.280	12.263	12.295	VV	24094	447044	6.39%	0.569%
176	12.307	12.295	12.354	VV	24177	820577	11.73%	1.044%
177	12.419	12.354	12.431	VV	24694	1114649	15.94%	1.418%
178	12.451	12.431	12.489	VV	25139	841304	12.03%	1.070%
179	12.530	12.489	12.577	VV	26504	1289903	18.45%	1.641%
180	12.589	12.577	12.638	VV	25172	875794	12.52%	1.114%
181	12.679	12.638	12.724	VV	69756	1785785	25.54%	2.272%
182	12.746	12.724	12.807	VV	25962	1223411	17.49%	1.557%
183	12.818	12.807	12.834	VV	23849	395209	5.65%	0.503%
184	12.845	12.834	12.855	VV	24559	293424	4.20%	0.373%
185	12.870	12.855	12.886	VV	24729	446822	6.39%	0.569%
186	12.899	12.886	12.908	VV	23365	306308	4.38%	0.390%
187	12.932	12.908	12.967	VV	24183	826792	11.82%	1.052%
188	12.981	12.967	12.993	VV	22961	355076	5.08%	0.452%
189	13.023	12.993	13.040	VV	23792	653552	9.35%	0.832%
190	13.068	13.040	13.087	VV	24194	669927	9.58%	0.852%
191	13.105	13.087	13.121	VV	23594	465621	6.66%	0.592%
192	13.147	13.121	13.178	VV	23637	790710	11.31%	1.006%
193	13.205	13.178	13.258	VV	23331	1066958	15.26%	1.358%
194	13.302	13.258	13.310	VV	22020	678926	9.71%	0.864%

195	13.318	13.310	13.334	VV	21939	312028	4.46%	0.397%
196	13.351	13.334	13.394	VV	22381	766472	10.96%	0.975%
197	13.408	13.394	13.418	VV	20776	289540	4.14%	0.368%
198	13.424	13.418	13.432	VV	20836	170901	2.44%	0.217%
199	13.451	13.432	13.471	VV	21018	484522	6.93%	0.616%
200	13.524	13.471	13.581	VV	403657	5828931	83.35%	7.417%
201	13.605	13.581	13.621	VV	20171	469872	6.72%	0.598%
202	13.638	13.621	13.660	VV	20442	463512	6.63%	0.590%
203	13.684	13.660	13.720	VV	20840	715693	10.23%	0.911%
204	13.745	13.720	13.858	VV	20797	1599910	22.88%	2.036%
205	13.868	13.858	13.889	VV	18554	350053	5.01%	0.445%
206	13.917	13.889	13.971	VV	23142	941056	13.46%	1.197%
207	13.981	13.971	14.000	VV	17801	296579	4.24%	0.377%
208	14.015	14.000	14.053	VV	17955	552447	7.90%	0.703%
209	14.068	14.053	14.087	VV	16983	333924	4.78%	0.425%
210	14.097	14.087	14.113	VV	16784	252578	3.61%	0.321%
211	14.147	14.113	14.178	VV	17788	652968	9.34%	0.831%
212	14.193	14.178	14.213	VV	16286	341355	4.88%	0.434%
213	14.223	14.213	14.247	VV	16032	321521	4.60%	0.409%
214	14.268	14.247	14.284	VV	16313	352813	5.05%	0.449%
215	14.291	14.284	14.321	VV	16036	338156	4.84%	0.430%
216	14.337	14.321	14.355	VV	15219	299854	4.29%	0.382%
217	14.363	14.355	14.385	VV	14625	260781	3.73%	0.332%
218	14.394	14.385	14.410	VV	13926	202223	2.89%	0.257%
219	14.431	14.410	14.480	VV	14447	578325	8.27%	0.736%
220	14.507	14.480	14.549	VV	14276	546197	7.81%	0.695%
221	14.559	14.549	14.568	VV	12478	141326	2.02%	0.180%
222	14.574	14.568	14.624	VV	12692	421191	6.02%	0.536%
223	14.679	14.624	14.695	VV	12849	514849	7.36%	0.655%
224	14.711	14.695	14.733	VV	12716	274749	3.93%	0.350%
225	14.744	14.733	14.777	VV	11612	302149	4.32%	0.384%
226	14.799	14.777	14.822	VV	12079	302834	4.33%	0.385%
227	14.838	14.822	14.861	VV	11121	248562	3.55%	0.316%
228	14.877	14.861	14.898	VV	10586	222321	3.18%	0.283%
229	14.914	14.898	14.929	VV	10129	187851	2.69%	0.239%
230	14.941	14.929	15.034	VV	9887	577003	8.25%	0.734%
231	15.063	15.034	15.091	VV	8750	288509	4.13%	0.367%
232	15.109	15.091	15.172	VV	8656	396353	5.67%	0.504%
233	15.184	15.172	15.204	VV	7905	146552	2.10%	0.186%
234	15.212	15.204	15.262	VV	7870	256131	3.66%	0.326%
235	15.276	15.262	15.299	VV	7147	153445	2.19%	0.195%
236	15.331	15.299	15.348	VV	7483	202266	2.89%	0.257%
237	15.381	15.348	15.408	VV	7819	252578	3.61%	0.321%
238	15.425	15.408	15.525	VV	6779	406197	5.81%	0.517%
239	15.533	15.525	15.555	VV	5270	90915	1.30%	0.116%
240	15.573	15.555	15.606	VV	5070	149761	2.14%	0.191%
241	15.639	15.606	15.691	VV	5035	233401	3.34%	0.297%
242	15.701	15.691	15.714	VV	4515	61817	0.88%	0.079%
243	15.770	15.714	15.854	VV	21940	636449	9.10%	0.810%
244	15.858	15.854	15.881	VV	3920	58695	0.84%	0.075%
245	15.922	15.881	15.947	VV	5550	168333	2.41%	0.214%
246	15.985	15.947	16.002	VV	8139	175789	2.51%	0.224%

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247	16.012	16.002	16.111	VV	5753	205376	2.94%	0.261%
248	16.122	16.111	16.144	VV	2436	45275	0.65%	0.058%
249	16.162	16.144	16.195	VV	2296	67772	0.97%	0.086%
250	16.234	16.195	16.248	VV	2081	62120	0.89%	0.079%
251	16.261	16.248	16.273	VV	1922	28139	0.40%	0.036%
252	16.294	16.273	16.351	VV	2201	87082	1.25%	0.111%
253	16.367	16.351	16.384	VV	1985	33990	0.49%	0.043%
254	16.404	16.384	16.451	VV	2364	67540	0.97%	0.086%
255	16.470	16.451	16.578	VV	1432	80680	1.15%	0.103%
256	16.608	16.578	16.649	VV	974	36188	0.52%	0.046%
257	16.657	16.649	16.678	VV	651	10378	0.15%	0.013%
258	16.710	16.678	16.764	VV	1391	45493	0.65%	0.058%
259	16.788	16.764	16.829	VV	3020	61108	0.87%	0.078%
260	16.853	16.829	16.868	VV	956	18184	0.26%	0.023%
261	16.890	16.868	16.938	VV	2745	55033	0.79%	0.070%
262	16.972	16.938	16.998	VV	1726	33229	0.48%	0.042%
263	17.033	16.998	17.064	VV	1146	25335	0.36%	0.032%
264	17.090	17.064	17.111	VV	385	6941	0.10%	0.009%
265	17.132	17.111	17.158	VV	152	2860	0.04%	0.004%
266	17.210	17.158	17.252	PV	562	15235	0.22%	0.019%
267	17.275	17.252	17.304	VV	662	10193	0.15%	0.013%
268	17.355	17.304	17.382	VV	3216	57317	0.82%	0.073%
269	17.406	17.382	17.461	VV	3761	60389	0.86%	0.077%
270	17.523	17.461	17.540	PV	118	4513	0.06%	0.006%
271	17.562	17.540	17.584	PV	345	4419	0.06%	0.006%
272	17.610	17.584	17.660	VV	515	11713	0.17%	0.015%
273	17.736	17.660	17.773	VV	1744	63094	0.90%	0.080%
274	17.807	17.773	17.844	VV	5877	97760	1.40%	0.124%
275	17.894	17.844	17.921	VV	876	20875	0.30%	0.027%
276	17.957	17.921	18.011	VV	435	14743	0.21%	0.019%
277	18.033	18.011	18.064	VV	296	4696	0.07%	0.006%
278	18.090	18.064	18.101	PV	205	2878	0.04%	0.004%
279	18.131	18.101	18.144	VV	379	5138	0.07%	0.007%
280	18.198	18.144	18.221	PV	2450	43981	0.63%	0.056%
281	18.245	18.221	18.269	VV	7847	117369	1.68%	0.149%
282	18.286	18.269	18.312	VV	2825	46843	0.67%	0.060%
283	18.336	18.312	18.364	VV	2125	38712	0.55%	0.049%
284	18.375	18.364	18.394	VV	334	5484	0.08%	0.007%
285	18.489	18.394	18.537	VV	977	37921	0.54%	0.048%
286	18.617	18.537	18.645	VV	8660	197014	2.82%	0.251%
287	18.669	18.645	18.715	VV	10610	174421	2.49%	0.222%
288	18.765	18.715	18.821	VV	634	22114	0.32%	0.028%
289	18.907	18.821	18.918	PV	466	7539	0.11%	0.010%
290	18.935	18.918	18.948	VV	357	4984	0.07%	0.006%
291	18.975	18.948	19.007	VV	489	9078	0.13%	0.012%
292	19.079	19.007	19.144	PV	11799	203400	2.91%	0.259%
293	19.181	19.144	19.206	PV	2695	44533	0.64%	0.057%
294	19.214	19.206	19.224	VV	503	5243	0.07%	0.007%
295	19.249	19.224	19.274	VV	678	12717	0.18%	0.016%
296	19.337	19.274	19.358	VV	520	13736	0.20%	0.017%
297	19.477	19.358	19.521	VV	11761	311876	4.46%	0.397%
298	19.580	19.521	19.604	VV	1841	66924	0.96%	0.085%
299	19.635	19.604	19.651	VV	1558	38657	0.55%	0.049%

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300	19.675	19.651	19.694	VV	1716	36510	0.52%	0.046%
301	19.731	19.694	19.757	VV	1771	55087	0.79%	0.070%
302	19.783	19.757	19.811	VV	1656	42161	0.60%	0.054%
303	19.864	19.811	19.897	VV	11396	203284	2.91%	0.259%
304	19.941	19.897	19.956	VV	2543	62854	0.90%	0.080%
305	19.977	19.956	20.013	VV	2569	70922	1.01%	0.090%
306	20.055	20.013	20.075	VV	2755	79250	1.13%	0.101%
307	20.109	20.075	20.124	VV	2546	68861	0.98%	0.088%
308	20.153	20.124	20.188	VV	3333	106117	1.52%	0.135%
309	20.240	20.188	20.276	VV	12550	306813	4.39%	0.390%
310	20.299	20.276	20.320	VV	3511	90569	1.30%	0.115%
311	20.343	20.320	20.378	VV	3837	122561	1.75%	0.156%
312	20.419	20.378	20.448	VV	5260	187935	2.69%	0.239%
313	20.477	20.448	20.501	VV	6264	179341	2.56%	0.228%
314	20.519	20.501	20.539	VV	5774	127162	1.82%	0.162%
315	20.605	20.539	20.676	VV	16254	649105	9.28%	0.826%
316	20.718	20.676	20.734	VV	6789	232707	3.33%	0.296%
317	20.791	20.734	20.808	VV	7422	309546	4.43%	0.394%
318	20.883	20.808	20.911	VV	8364	484815	6.93%	0.617%
319	20.974	20.911	21.014	VV	16875	625893	8.95%	0.796%
320	21.093	21.014	21.108	VV	8619	466284	6.67%	0.593%
321	21.147	21.108	21.207	VV	9372	510791	7.30%	0.650%
322	21.228	21.207	21.251	VV	8201	211524	3.02%	0.269%
323	21.288	21.251	21.331	VV	8393	380943	5.45%	0.485%
324	21.386	21.331	21.462	VV	18525	745438	10.66%	0.948%
325	21.495	21.462	21.521	VV	5535	192908	2.76%	0.245%
326	21.617	21.521	21.641	VV	5510	382214	5.47%	0.486%
327	21.673	21.641	21.687	VV	5665	150054	2.15%	0.191%
328	21.725	21.687	21.790	VV	6379	315286	4.51%	0.401%
329	21.848	21.790	21.951	VV	11459	500582	7.16%	0.637%
330	21.971	21.951	22.008	VV	3038	95061	1.36%	0.121%
331	22.036	22.008	22.068	VV	2394	82380	1.18%	0.105%
332	22.073	22.068	22.137	VV	2054	66211	0.95%	0.084%
333	22.171	22.137	22.207	VV	945	28722	0.41%	0.037%
334	22.251	22.207	22.288	VV	835	21643	0.31%	0.028%

Sum of corrected areas: 78593238

Aliphatic EPH 062725.M Fri Jul 18 23:47:00 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	6	SDG No.:	Q2618
Lab Sample ID:	Q2618-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/18/25 08:55	07/18/25 16:26	PB168910

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	20.3		1	0.97	4.27	mg/kg	FE054929.D
Total EPH	Total EPH	20.3			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

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	6	SDG No.:	Q2618
Lab Sample ID:	Q2618-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
Sample Wt/Vol:	30.09 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
FE054929.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	20.3		0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.84		1.26	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.5		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.5		40 - 140	71%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2618-08	Acq On:	18 Jul 2025 16:26
Client Sample ID:	6	Operator:	YP\AJ
Data file:	FE054929.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	3.330	6.963	250876	1.844	300	ug/ml
Aliphatic C12-C16	6.964	10.415	5398377	38.404	200	ug/ml
Aliphatic C16-C21	10.416	13.793	27157696	188.081	300	ug/ml
Aliphatic C21-C28	13.794	17.463	8373718	57.889	400	ug/ml
Aliphatic C28-C40	17.464	22.490	9426343	67.988	600	ug/ml
Aliphatic EPH	3.330	22.490	50607010	354.206		ug/ml
ortho-Terphenyl (SURR)	12.088	12.088	5770269	35.53		ug/ml
1-chlorooctadecane (SURR)	13.524	13.524	4483088	35.5		ug/ml
Aliphatic C9-C28	3.330	17.463	41180667	286.218	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054929.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 16:26
Operator : YP\AJ
Sample : Q2618-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
6

Integration File: autoint1.e
Quant Time: Jul 18 23:11:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.088	5770269	35.533 ug/ml
Spiked Amount 50.000		Recovery =	71.07%
12) S 1-chlorooctadecane (S...	13.524	4483088	35.497 ug/ml
Spiked Amount 50.000		Recovery =	70.99%
Target Compounds			

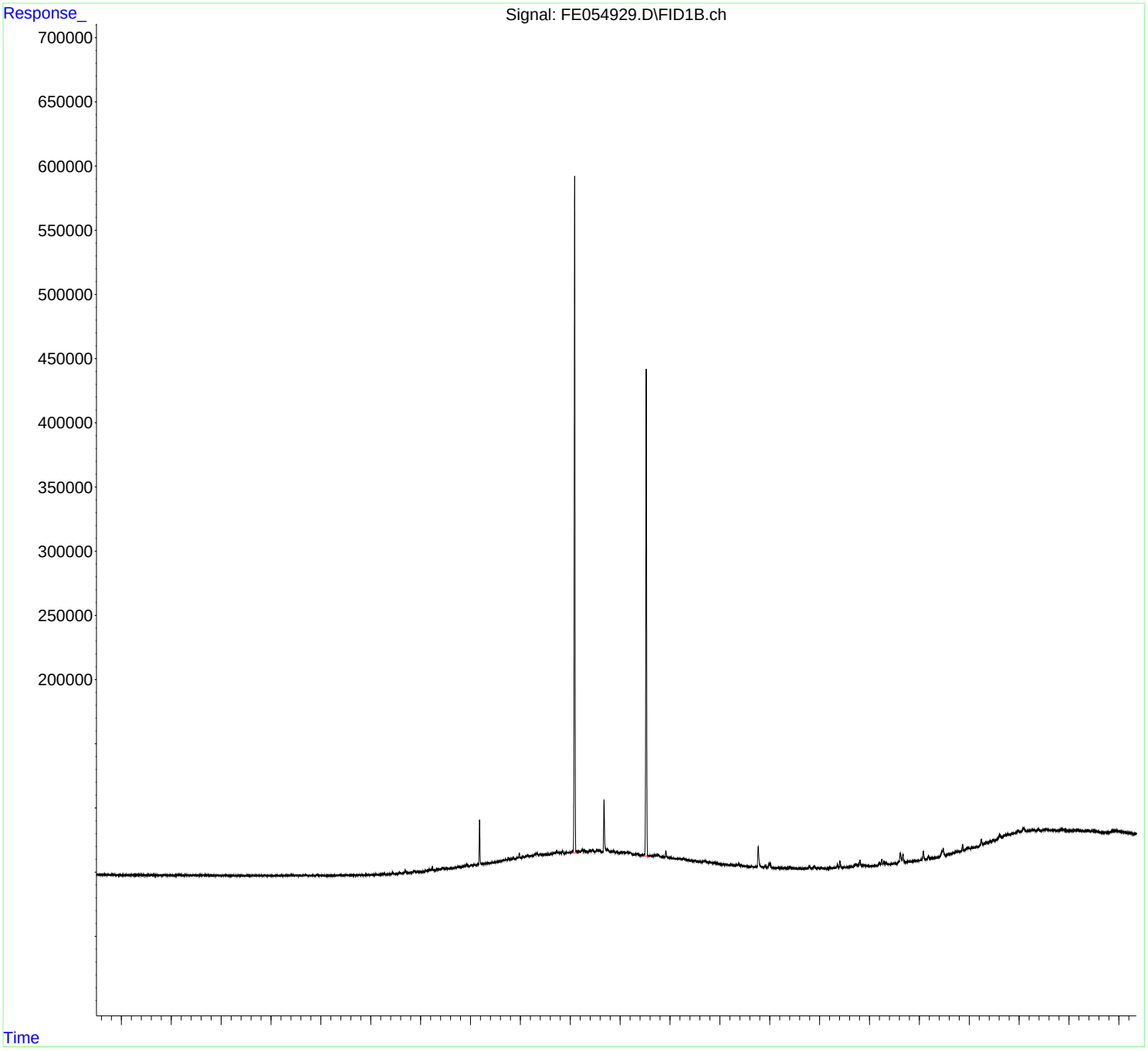
(f)=RT Delta > 1/2 Window (m)=manual int.

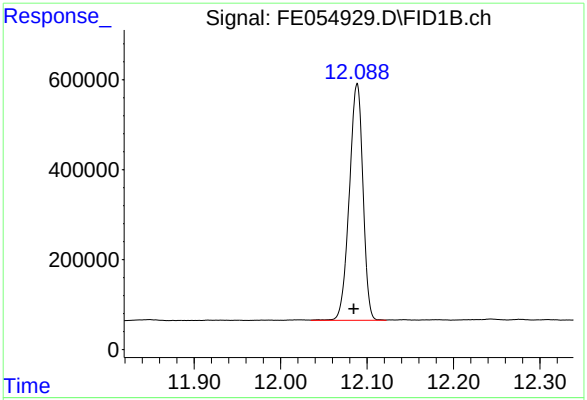
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054929.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 16:26
Operator : YP\AJ
Sample : Q2618-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
6

Integration File: autoint1.e
Quant Time: Jul 18 23:11:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

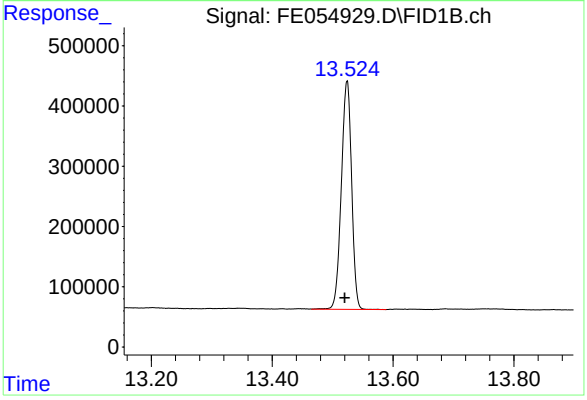




#9 ortho-Terphenyl (SURR)

R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 5770269
Conc: 35.53 ug/ml

Instrument :
FID_E
ClientSampleId :
6



#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4483088
Conc: 35.50 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054929.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 16:26
Sample : Q2618-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.837	2.805	2.871	BV	164	2008	0.03%	0.003%
2	2.888	2.871	2.925	PV	111	880	0.01%	0.001%
3	2.932	2.925	2.946	PV	82	600	0.01%	0.001%
4	2.973	2.946	3.021	PV	141	2864	0.04%	0.005%
5	3.068	3.021	3.105	VV	113	2629	0.04%	0.004%
6	3.117	3.105	3.147	PV	121	1084	0.02%	0.002%
7	3.164	3.147	3.228	VV	123	3551	0.05%	0.006%
8	3.233	3.228	3.306	PV	100	2585	0.04%	0.004%
9	3.315	3.306	3.326	VV	98	778	0.01%	0.001%
10	3.335	3.326	3.359	VV	122	985	0.01%	0.002%
11	3.424	3.359	3.438	VV	127	2967	0.04%	0.005%
12	3.445	3.438	3.579	VV	101	4530	0.07%	0.007%
13	3.594	3.579	3.681	VV	131	4594	0.07%	0.007%
14	3.688	3.681	3.725	VV	113	1699	0.03%	0.003%
15	3.778	3.725	3.788	VV	131	3161	0.05%	0.005%
16	3.790	3.788	3.832	VV	114	1610	0.02%	0.003%
17	3.842	3.832	3.916	PV	105	2846	0.04%	0.005%
18	3.924	3.916	3.998	VV	92	893	0.01%	0.001%
19	4.038	3.998	4.049	PV	108	2036	0.03%	0.003%
20	4.057	4.049	4.128	VV	119	2873	0.04%	0.005%
21	4.139	4.128	4.161	VV	156	1512	0.02%	0.002%
22	4.183	4.161	4.199	VV	127	2103	0.03%	0.003%
23	4.217	4.199	4.232	VV	278	2792	0.04%	0.004%
24	4.243	4.232	4.255	VV	113	1105	0.02%	0.002%
25	4.277	4.255	4.299	VV	203	4068	0.06%	0.006%
26	4.320	4.299	4.359	VV	185	4672	0.07%	0.007%
27	4.371	4.359	4.421	VV	106	2768	0.04%	0.004%
28	4.429	4.421	4.436	VV	177	1186	0.02%	0.002%
29	4.452	4.436	4.484	VV	258	4851	0.07%	0.008%
30	4.522	4.484	4.565	VV	228	6222	0.09%	0.010%
31	4.574	4.565	4.621	VV	157	3905	0.06%	0.006%
32	4.629	4.621	4.639	VV	177	1622	0.02%	0.003%
33	4.646	4.639	4.665	VV	154	1885	0.03%	0.003%
34	4.683	4.665	4.705	VV	355	4527	0.07%	0.007%
35	4.728	4.705	4.746	VV	253	3982	0.06%	0.006%
36	4.755	4.746	4.775	VV	152	2152	0.03%	0.003%

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37	4.783	4.775	4.834	VV	136	3092	0.05%	0.005%
38	4.856	4.834	4.888	VV	216	3858	0.06%	0.006%
39	4.919	4.888	4.956	VV	201	4647	0.07%	0.007%
40	4.966	4.956	4.981	VV	142	1336	0.02%	0.002%
41	5.010	4.981	5.022	VV	146	2714	0.04%	0.004%
42	5.031	5.022	5.044	VV	159	1629	0.02%	0.003%
43	5.056	5.044	5.081	VV	221	3569	0.05%	0.006%
44	5.094	5.081	5.127	VV	147	3982	0.06%	0.006%
45	5.144	5.127	5.180	VV	143	3589	0.05%	0.006%
46	5.192	5.180	5.227	VV	161	2844	0.04%	0.005%
47	5.240	5.227	5.265	VV	146	2394	0.04%	0.004%
48	5.285	5.265	5.294	VV	183	1726	0.03%	0.003%
49	5.307	5.294	5.355	VV	161	3283	0.05%	0.005%
50	5.363	5.355	5.384	VV	105	898	0.01%	0.001%
51	5.403	5.384	5.421	PV	166	2095	0.03%	0.003%
52	5.451	5.421	5.462	VV	166	2181	0.03%	0.003%
53	5.479	5.462	5.492	VV	113	1552	0.02%	0.002%
54	5.510	5.492	5.548	VV	150	2547	0.04%	0.004%
55	5.573	5.548	5.603	VV	113	1963	0.03%	0.003%
56	5.629	5.603	5.661	VV	379	5578	0.08%	0.009%
57	5.690	5.661	5.720	VV	129	2822	0.04%	0.005%
58	5.823	5.720	5.837	VV	187	4977	0.07%	0.008%
59	5.862	5.837	5.948	VV	368	10002	0.15%	0.016%
60	5.952	5.948	5.959	VV	147	666	0.01%	0.001%
61	5.967	5.959	6.053	VV	169	5134	0.08%	0.008%
62	6.072	6.053	6.129	VV	177	4350	0.06%	0.007%
63	6.147	6.129	6.181	VV	138	2638	0.04%	0.004%
64	6.199	6.181	6.208	VV	161	1737	0.03%	0.003%
65	6.216	6.208	6.233	VV	135	1265	0.02%	0.002%
66	6.262	6.233	6.305	VV	134	4131	0.06%	0.007%
67	6.309	6.305	6.317	VV	155	740	0.01%	0.001%
68	6.338	6.317	6.348	VV	190	2368	0.04%	0.004%
69	6.368	6.348	6.381	VV	162	2395	0.04%	0.004%
70	6.405	6.381	6.467	VV	467	11858	0.18%	0.019%
71	6.484	6.467	6.547	VV	330	9436	0.14%	0.015%
72	6.563	6.547	6.611	VV	273	5905	0.09%	0.009%
73	6.652	6.611	6.671	VV	256	6032	0.09%	0.010%
74	6.697	6.671	6.738	VV	801	12331	0.18%	0.020%
75	6.778	6.738	6.834	VV	151	7168	0.11%	0.011%
76	6.857	6.834	6.891	VV	240	5318	0.08%	0.008%
77	6.901	6.891	6.910	VV	196	1952	0.03%	0.003%
78	6.934	6.910	6.970	VV	1049	14628	0.22%	0.023%
79	7.021	6.970	7.105	VV	224	10497	0.16%	0.017%
80	7.118	7.105	7.129	PV	119	1207	0.02%	0.002%
81	7.145	7.129	7.181	VV	172	3258	0.05%	0.005%
82	7.207	7.181	7.233	VV	191	3443	0.05%	0.005%
83	7.276	7.233	7.288	VV	122	2813	0.04%	0.004%
84	7.326	7.288	7.338	VV	313	5041	0.08%	0.008%
85	7.356	7.338	7.369	VV	302	4833	0.07%	0.008%
86	7.377	7.369	7.387	VV	273	2555	0.04%	0.004%
87	7.403	7.387	7.471	VV	270	7683	0.11%	0.012%
88	7.504	7.471	7.551	VV	305	8510	0.13%	0.014%
89	7.606	7.551	7.628	VV	300	8667	0.13%	0.014%

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90	7.642	7.628	7.662	PV	164	1402	0.02%	0.002%
91	7.695	7.662	7.718	PV	168	3649	0.05%	0.006%
92	7.731	7.718	7.761	VV	134	2090	0.03%	0.003%
93	7.816	7.761	7.844	VV	396	10954	0.16%	0.017%
94	7.869	7.844	7.879	VV	218	3828	0.06%	0.006%
95	7.888	7.879	7.901	VV	165	1944	0.03%	0.003%
96	7.912	7.901	7.921	VV	179	1647	0.02%	0.003%
97	7.949	7.921	7.978	VV	318	7650	0.11%	0.012%
98	8.035	7.978	8.058	VV	256	8253	0.12%	0.013%
99	8.104	8.058	8.131	VV	904	17338	0.26%	0.028%
100	8.166	8.131	8.186	VV	403	10094	0.15%	0.016%
101	8.212	8.186	8.224	VV	471	9003	0.13%	0.014%
102	8.242	8.224	8.255	VV	740	10743	0.16%	0.017%
103	8.272	8.255	8.326	VV	1273	30872	0.46%	0.049%
104	8.373	8.326	8.388	VV	755	20531	0.31%	0.033%
105	8.399	8.388	8.410	VV	702	8596	0.13%	0.014%
106	8.436	8.410	8.458	VV	2295	38647	0.58%	0.062%
107	8.468	8.458	8.493	VV	930	16557	0.25%	0.026%
108	8.506	8.493	8.511	VV	793	7481	0.11%	0.012%
109	8.578	8.511	8.611	VV	1781	68603	1.02%	0.109%
110	8.619	8.611	8.628	VV	1232	12078	0.18%	0.019%
111	8.650	8.628	8.661	VV	1443	26352	0.39%	0.042%
112	8.693	8.661	8.735	VV	2802	91790	1.37%	0.147%
113	8.756	8.735	8.772	VV	1422	30743	0.46%	0.049%
114	8.867	8.772	8.908	VV	3012	156661	2.34%	0.250%
115	8.941	8.908	8.954	VV	2131	55435	0.83%	0.088%
116	8.972	8.954	8.986	VV	2589	40860	0.61%	0.065%
117	8.995	8.986	9.014	VV	2047	33757	0.50%	0.054%
118	9.102	9.014	9.118	VV	3074	144236	2.15%	0.230%
119	9.134	9.118	9.151	VV	3661	61753	0.92%	0.099%
120	9.169	9.151	9.187	VV	3818	70677	1.06%	0.113%
121	9.206	9.187	9.214	VV	3520	51891	0.78%	0.083%
122	9.232	9.214	9.258	VV	5844	110593	1.65%	0.177%
123	9.270	9.258	9.291	VV	3347	65000	0.97%	0.104%
124	9.324	9.291	9.358	VV	4122	141699	2.12%	0.226%
125	9.435	9.358	9.488	VV	4880	322104	4.81%	0.514%
126	9.517	9.488	9.538	VV	4792	128616	1.92%	0.205%
127	9.621	9.538	9.651	VV	4838	296640	4.43%	0.473%
128	9.716	9.651	9.724	VV	5115	209931	3.14%	0.335%
129	9.742	9.724	9.758	VV	6086	114310	1.71%	0.182%
130	9.772	9.758	9.789	VV	5371	95881	1.43%	0.153%
131	9.798	9.789	9.812	VV	5283	73549	1.10%	0.117%
132	9.853	9.812	9.866	VV	6154	184888	2.76%	0.295%
133	9.879	9.866	9.889	VV	6162	81793	1.22%	0.131%
134	9.905	9.889	9.914	VV	6677	93936	1.40%	0.150%
135	9.930	9.914	9.965	VV	7436	202247	3.02%	0.323%
136	10.016	9.965	10.036	VV	6894	267649	4.00%	0.427%
137	10.075	10.036	10.118	VV	7011	332229	4.96%	0.530%
138	10.137	10.118	10.156	VV	7553	165388	2.47%	0.264%
139	10.182	10.156	10.226	VV	41461	647665	9.67%	1.034%
140	10.244	10.226	10.265	VV	8023	180612	2.70%	0.288%
141	10.278	10.265	10.298	VV	7855	152496	2.28%	0.243%

142	10.321	10.298	10.340	VV	8268	198558	2.97%	0.317%
143	10.365	10.340	10.385	VV	8202	217971	3.26%	0.348%
144	10.454	10.385	10.468	VV	8448	410094	6.12%	0.655%
145	10.485	10.468	10.501	VV	9181	174369	2.60%	0.278%
146	10.590	10.501	10.604	VV	9584	557486	8.33%	0.890%
147	10.661	10.604	10.685	VV	10641	480130	7.17%	0.766%
148	10.709	10.685	10.725	VV	10708	249198	3.72%	0.398%
149	10.759	10.725	10.782	VV	11701	372237	5.56%	0.594%
150	10.799	10.782	10.816	VV	11379	224775	3.36%	0.359%
151	10.858	10.816	10.885	VV	12337	465593	6.95%	0.743%
152	10.935	10.885	10.952	VV	12075	467065	6.98%	0.745%
153	10.978	10.952	11.024	VV	15198	545045	8.14%	0.870%
154	11.054	11.024	11.072	VV	12899	358739	5.36%	0.573%
155	11.153	11.072	11.184	VV	13870	867524	12.96%	1.385%
156	11.199	11.184	11.214	VV	13281	233116	3.48%	0.372%
157	11.227	11.214	11.246	VV	13352	253624	3.79%	0.405%
158	11.305	11.246	11.314	VV	14714	559689	8.36%	0.893%
159	11.331	11.314	11.367	VV	15653	465996	6.96%	0.744%
160	11.394	11.367	11.425	VV	14642	487569	7.28%	0.778%
161	11.444	11.425	11.457	VV	14601	269020	4.02%	0.429%
162	11.494	11.457	11.518	VV	14647	518217	7.74%	0.827%
163	11.535	11.518	11.572	VV	14575	460483	6.88%	0.735%
164	11.578	11.572	11.591	VV	14327	160224	2.39%	0.256%
165	11.618	11.591	11.640	VV	15042	432059	6.45%	0.690%
166	11.657	11.640	11.668	VV	15111	251142	3.75%	0.401%
167	11.689	11.668	11.715	VV	15736	425256	6.35%	0.679%
168	11.729	11.715	11.748	VV	16834	319766	4.78%	0.510%
169	11.761	11.748	11.795	VV	15641	436704	6.52%	0.697%
170	11.804	11.795	11.820	VV	15271	223143	3.33%	0.356%
171	11.848	11.820	11.871	VV	16922	482968	7.21%	0.771%
172	11.931	11.871	11.961	VV	15640	823535	12.30%	1.314%
173	11.986	11.961	11.998	VV	15662	339084	5.06%	0.541%
174	12.021	11.998	12.034	VV	16236	340016	5.08%	0.543%
175	12.088	12.034	12.135	VV	541341	6695575	100.00%	10.687%
176	12.143	12.135	12.158	VV	16475	226253	3.38%	0.361%
177	12.181	12.158	12.199	VV	16420	392071	5.86%	0.626%
178	12.243	12.199	12.262	VV	17970	635106	9.49%	1.014%
179	12.277	12.262	12.292	VV	17147	296239	4.42%	0.473%
180	12.309	12.292	12.358	VV	16645	625259	9.34%	0.998%
181	12.398	12.358	12.411	VV	17328	522789	7.81%	0.834%
182	12.450	12.411	12.495	VV	17150	819512	12.24%	1.308%
183	12.502	12.495	12.515	VV	16271	191993	2.87%	0.306%
184	12.530	12.515	12.551	VV	17636	372215	5.56%	0.594%
185	12.584	12.551	12.598	VV	16787	463992	6.93%	0.741%
186	12.601	12.598	12.638	VV	16867	383275	5.72%	0.612%
187	12.678	12.638	12.731	VV	55631	1364831	20.38%	2.178%
188	12.745	12.731	12.797	VV	17712	645874	9.65%	1.031%
189	12.817	12.797	12.835	VV	15958	362865	5.42%	0.579%
190	12.849	12.835	12.857	VV	15861	199979	2.99%	0.319%
191	12.868	12.857	12.911	VV	16159	503889	7.53%	0.804%
192	12.930	12.911	12.984	VV	15609	651984	9.74%	1.041%
193	13.033	12.984	13.051	VV	15338	601759	8.99%	0.960%
194	13.070	13.051	13.090	VV	15757	348935	5.21%	0.557%

195	13.106	13.090	13.124	VV	14737	294538	4.40%	0.470%
196	13.148	13.124	13.188	VV	15097	561347	8.38%	0.896%
197	13.202	13.188	13.281	VV	14949	774794	11.57%	1.237%
198	13.346	13.281	13.404	VV	13771	976362	14.58%	1.558%
199	13.446	13.404	13.468	VV	12994	481985	7.20%	0.769%
200	13.524	13.468	13.588	VV	395180	5333226	79.65%	8.512%
201	13.609	13.588	13.665	VV	12087	546383	8.16%	0.872%
202	13.688	13.665	13.728	VV	12680	459917	6.87%	0.734%
203	13.754	13.728	13.841	VV	12539	799684	11.94%	1.276%
204	13.864	13.841	13.898	VV	11291	371475	5.55%	0.593%
205	13.917	13.898	14.011	VV	15005	768617	11.48%	1.227%
206	14.023	14.011	14.117	VV	10259	619121	9.25%	0.988%
207	14.139	14.117	14.251	VV	9572	745540	11.13%	1.190%
208	14.272	14.251	14.408	VV	9677	801266	11.97%	1.279%
209	14.426	14.408	14.487	VV	8234	363595	5.43%	0.580%
210	14.508	14.487	14.558	VV	7984	311276	4.65%	0.497%
211	14.569	14.558	14.622	VV	7022	263906	3.94%	0.421%
212	14.638	14.622	14.653	VV	6739	125631	1.88%	0.201%
213	14.678	14.653	14.694	VV	7247	173011	2.58%	0.276%
214	14.710	14.694	14.771	VV	7472	301936	4.51%	0.482%
215	14.800	14.771	14.821	VV	6673	184227	2.75%	0.294%
216	14.841	14.821	14.871	VV	6433	175119	2.62%	0.280%
217	14.902	14.871	15.041	VV	5859	523524	7.82%	0.836%
218	15.070	15.041	15.092	VV	4694	134800	2.01%	0.215%
219	15.109	15.092	15.201	VV	4483	272804	4.07%	0.435%
220	15.218	15.201	15.308	VV	4204	235098	3.51%	0.375%
221	15.333	15.308	15.355	VV	4113	104669	1.56%	0.167%
222	15.378	15.355	15.411	VV	4811	132744	1.98%	0.212%
223	15.426	15.411	15.555	VV	3681	249967	3.73%	0.399%
224	15.574	15.555	15.600	VV	2618	65807	0.98%	0.105%
225	15.636	15.600	15.678	VV	2724	109395	1.63%	0.175%
226	15.699	15.678	15.725	VV	2355	60219	0.90%	0.096%
227	15.770	15.725	15.881	VV	17268	444763	6.64%	0.710%
228	15.905	15.881	15.946	VV	2722	85871	1.28%	0.137%
229	15.986	15.946	16.118	VV	4922	221277	3.30%	0.353%
230	16.161	16.118	16.201	VV	1016	47608	0.71%	0.076%
231	16.224	16.201	16.271	VV	958	34083	0.51%	0.054%
232	16.293	16.271	16.351	VV	1265	40768	0.61%	0.065%
233	16.404	16.351	16.455	VV	1890	57872	0.86%	0.092%
234	16.467	16.455	16.564	VV	793	30770	0.46%	0.049%
235	16.589	16.564	16.671	VV	449	17528	0.26%	0.028%
236	16.710	16.671	16.759	VV	654	18419	0.28%	0.029%
237	16.791	16.759	16.833	VV	2167	43192	0.65%	0.069%
238	16.890	16.833	16.940	VV	2314	49358	0.74%	0.079%
239	16.974	16.940	16.999	VV	900	15947	0.24%	0.025%
240	17.034	16.999	17.067	VV	1199	21594	0.32%	0.034%
241	17.085	17.067	17.115	VV	261	4515	0.07%	0.007%
242	17.136	17.115	17.167	PV	86	1907	0.03%	0.003%
243	17.213	17.167	17.241	VV	488	9603	0.14%	0.015%
244	17.274	17.241	17.298	VV	471	8398	0.13%	0.013%
245	17.356	17.298	17.380	PV	2764	47037	0.70%	0.075%
246	17.407	17.380	17.461	VV	5181	79461	1.19%	0.127%

rteres

247	17.510	17.461	17.534	VV	353	10314	0.15%	0.016%
248	17.564	17.534	17.584	VV	331	7541	0.11%	0.012%
249	17.629	17.584	17.645	VV	487	14515	0.22%	0.023%
250	17.738	17.645	17.778	VV	2097	91981	1.37%	0.147%
251	17.807	17.778	17.868	VV	5035	109101	1.63%	0.174%
252	17.893	17.868	17.919	VV	1153	25232	0.38%	0.040%
253	17.938	17.919	18.011	VV	607	18273	0.27%	0.029%
254	18.032	18.011	18.058	PV	245	3505	0.05%	0.006%
255	18.130	18.058	18.151	PV	266	4619	0.07%	0.007%
256	18.199	18.151	18.221	PV	2110	40779	0.61%	0.065%
257	18.246	18.221	18.268	VV	4501	65971	0.99%	0.105%
258	18.288	18.268	18.318	VV	2788	46538	0.70%	0.074%
259	18.336	18.318	18.392	VV	1975	31875	0.48%	0.051%
260	18.492	18.392	18.537	PV	614	18859	0.28%	0.030%
261	18.617	18.537	18.647	PV	7432	172756	2.58%	0.276%
262	18.670	18.647	18.711	VV	6359	110715	1.65%	0.177%
263	18.771	18.711	18.825	VV	671	23642	0.35%	0.038%
264	18.902	18.825	18.931	PV	370	6770	0.10%	0.011%
265	18.978	18.931	18.998	VV	402	5903	0.09%	0.009%
266	19.079	18.998	19.140	PV	6436	113856	1.70%	0.182%
267	19.181	19.140	19.217	PV	2465	39989	0.60%	0.064%
268	19.252	19.217	19.266	VV	333	8130	0.12%	0.013%
269	19.477	19.266	19.531	VV	5990	201040	3.00%	0.321%
270	19.580	19.531	19.601	VV	1418	40575	0.61%	0.065%
271	19.741	19.601	19.765	VV	1875	126246	1.89%	0.202%
272	19.787	19.765	19.808	VV	1861	43179	0.64%	0.069%
273	19.864	19.808	19.898	VV	6046	150140	2.24%	0.240%
274	19.979	19.898	20.021	VV	3561	202527	3.02%	0.323%
275	20.055	20.021	20.081	VV	3187	96052	1.43%	0.153%
276	20.158	20.081	20.178	VV	3108	161118	2.41%	0.257%
277	20.242	20.178	20.271	VV	8081	254710	3.80%	0.407%
278	20.343	20.271	20.381	VV	5277	296981	4.44%	0.474%
279	20.423	20.381	20.448	VV	5383	197268	2.95%	0.315%
280	20.480	20.448	20.508	VV	6078	199331	2.98%	0.318%
281	20.607	20.508	20.641	VV	9505	536526	8.01%	0.856%
282	20.726	20.641	20.745	VV	8114	469078	7.01%	0.749%
283	20.779	20.745	20.811	VV	8675	326964	4.88%	0.522%
284	20.978	20.811	21.011	VV	10040	1019431	15.23%	1.627%
285	21.086	21.011	21.155	VV	11013	793081	11.84%	1.266%
286	21.172	21.155	21.191	VV	8301	181133	2.71%	0.289%
287	21.296	21.191	21.351	VV	8272	765918	11.44%	1.222%
288	21.385	21.351	21.435	VV	8223	365507	5.46%	0.583%
289	21.515	21.435	21.681	VV	6983	922499	13.78%	1.472%
290	21.706	21.681	21.778	VV	5028	271523	4.06%	0.433%
291	21.849	21.778	21.975	VV	5155	482975	7.21%	0.771%
292	21.993	21.975	22.053	VV	2766	117577	1.76%	0.188%
293	22.169	22.053	22.321	VV	1976	234100	3.50%	0.374%

Sum of corrected areas: 62652792

Aliphatic EPH 062725.M Fri Jul 18 23:47:47 2025

CALIBRATION SUMMARY

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

Inital Calibration Report for SequenceID : FE062725AL

AreaCount

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	38319626.000	18841259.000	7903525.000	4345683.000	2255301.000	
Aliphatic C12-C16	26299885.000	12905734.000	5443215.000	2993160.000	1565455.000	
Aliphatic C16-C21	40647007.000	19884289.000	8390490.000	4604333.000	2408955.000	
Aliphatic C21-C28	54422256.000	26660814.000	11204648.000	6127397.000	3213117.000	
Aliphatic C28-C40	69156138.000	36606449.000	15572202.000	9126447.000	5222398.000	
Aliphatic EPH	228844912.000	114898545.000	48514080.000	27197020.000	14665226.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	136055.079333	8.044				
Aliphatic C12-C16	140568.128	8.513				
Aliphatic C16-C21	144393.643333	8.376				
Aliphatic C21-C28	144651.717	8.126				
Aliphatic C28-C40	138647.4919998	17.441				
Aliphatic EPH	140720.791333	11.192				

Concentration

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.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	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	127732.086666	125608.393333	131725.416666	144856.100000	150353.400000	
Aliphatic C12-C16	131499.425000	129057.340000	136080.375000	149658.000000	156545.500000	
Aliphatic C16-C21	135490.023333	132561.926666	139841.500000	153477.766666	160597.000000	

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

Inital Calibration Report for SequenceID : FE062725AL

Aliphatic C21-C28	136055.640000	133304.070000	140058.100000	153184.925000	160655.850000	
Aliphatic C28-C40	115260.230000	122021.496666	129768.350000	152107.450000	174079.933333	
Aliphatic EPH	127136.062222	127665.050000	134761.333333	151094.555555	162946.955555	

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054608.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 12:53
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jun 27 14:25:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:25:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	12.071	15261711	98.315 ug/ml
Spiked Amount	50.000		Recovery =	196.63%
12)	S 1-chlorooctadecane (S...	13.503	11912385	98.558 ug/ml
Spiked Amount	50.000		Recovery =	197.12%
	Target Compounds			
1)	T n-Nonane (C9)	3.421	12635864	98.501 ug/ml
2)	T n-Decane (C10)	4.676	12802268	98.438 ug/ml
3)	T A~Naphthalene (C11.7)	6.388	14212427	98.414 ug/ml
4)	T n-Dodecane (C12)	6.848	12881494	98.444 ug/ml
5)	T A~2-methylnaphthalene...	7.488	13806245	98.393 ug/ml
6)	T n-Tetradecane (C14)	8.683	12896740	98.170 ug/ml
7)	T n-Hexadecane (C16)	10.296	13403145	98.402 ug/ml
8)	T n-Octadecane (C18)	11.745	13738504	98.383 ug/ml
10)	T n-Eicosane (C20)	13.057	13489369	98.417 ug/ml
11)	T n-Heneicosane (C21)	13.671	13419134	98.460 ug/ml
13)	T n-Docosane (C22)	14.257	13479858	98.591 ug/ml
14)	T n-Tetracosane (C24)	15.363	13696854	98.641 ug/ml
15)	T n-Hexacosane (C26)	16.386	13694406	98.865 ug/ml
16)	T n-Octacosane (C28)	17.337	13551138	98.105 ug/ml
17)	T n-Tricontane (C30)	18.224	13754161	95.716 ug/ml
18)	T n-Dotriacontane (C32)	19.056	13143119	93.127 ug/ml
19)	T n-Tetratriacontane (C34)	19.839	12141560	91.978 ug/ml
20)	T n-Hexatriacontane (C36)	20.578	11077409	94.492 ug/ml
21)	T n-Octatriacontane (C38)	21.352	9810489	94.258 ug/ml
22)	T n-Tetracontane (C40)	22.334	9229400	95.208 ug/ml

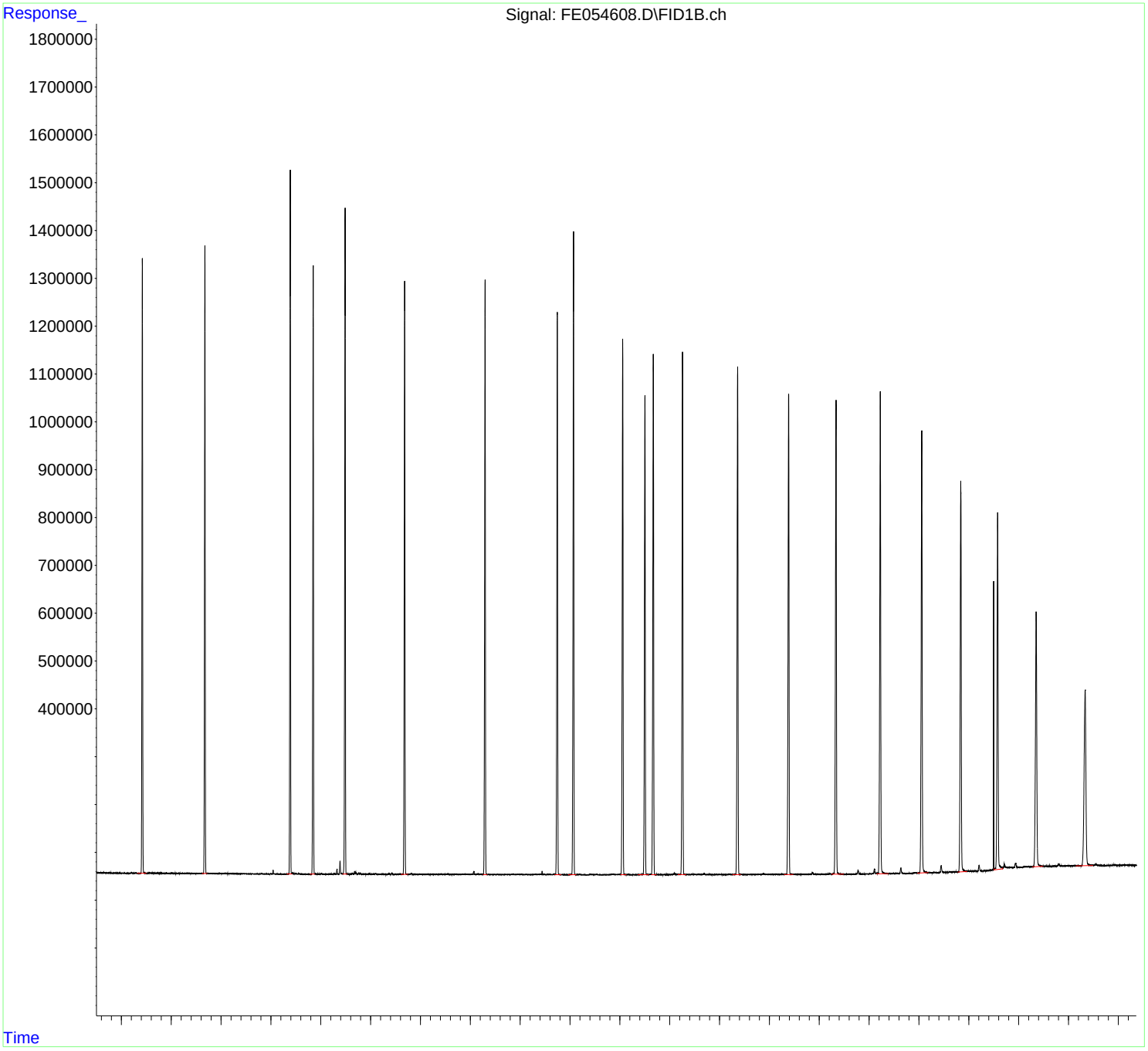
(f)=RT Delta > 1/2 Window (m)=manual int.

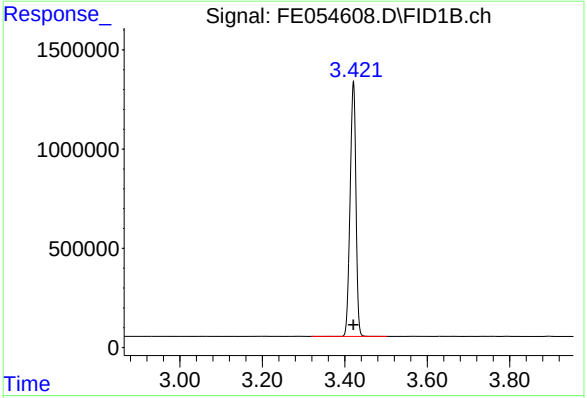
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054608.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 12:53
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jun 27 14:25:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:25:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

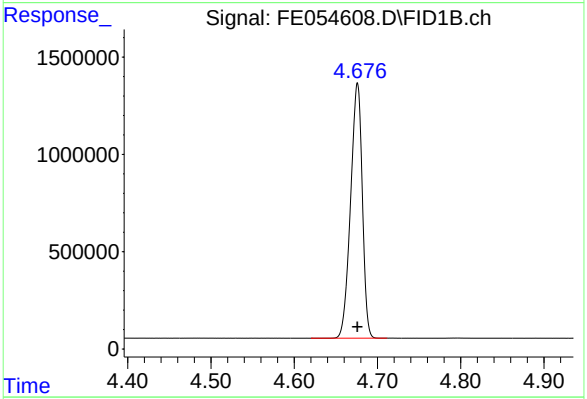




#1 n-Nonane (C9)

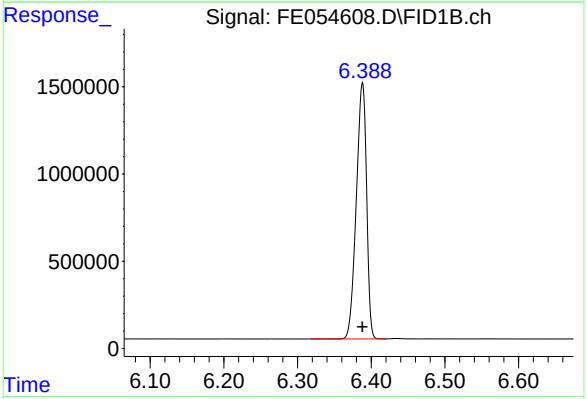
R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 12635864
Conc: 98.50 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



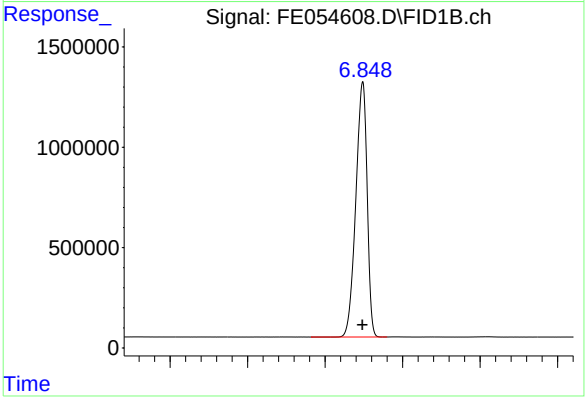
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: 0.000 min
Response: 12802268
Conc: 98.44 ug/ml



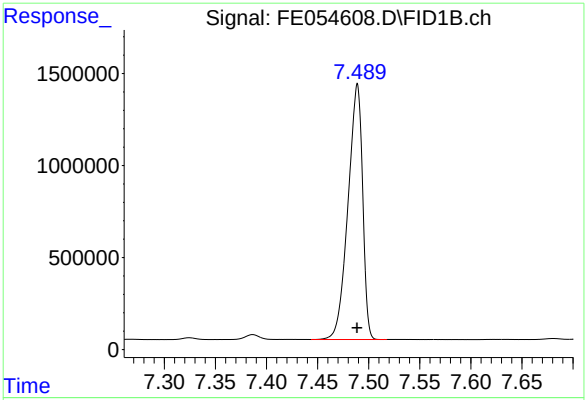
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 14212427
Conc: 98.41 ug/ml



#4 n-Dodecane (C12)

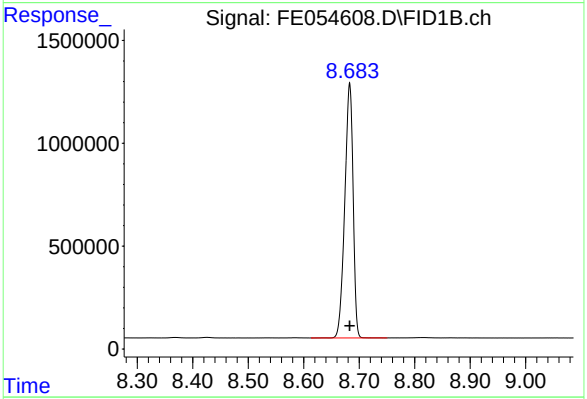
R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 12881494
Conc: 98.44 ug/ml



#5 A~2-methylnaphthalene (C12.89)

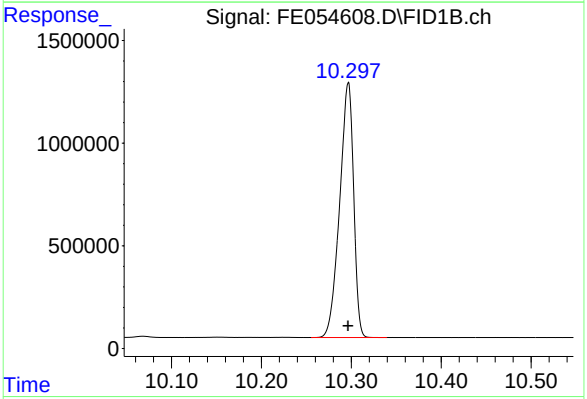
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 13806245
Conc: 98.39 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



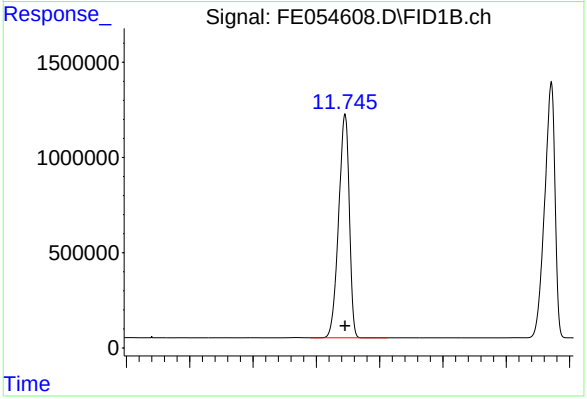
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 12896740
Conc: 98.17 ug/ml



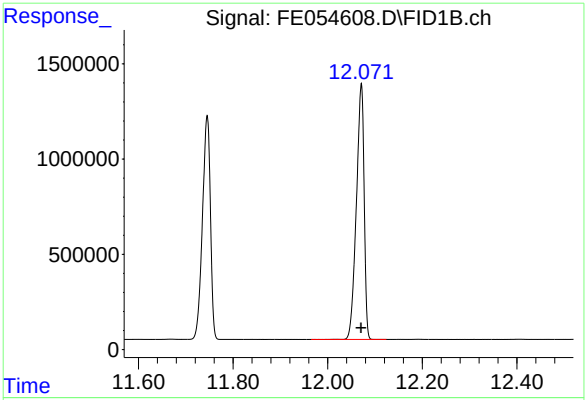
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 13403145
Conc: 98.40 ug/ml



#8 n-Octadecane (C18)

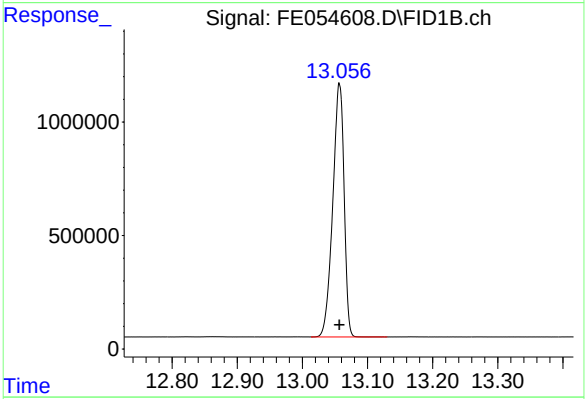
R.T.: 11.745 min
Delta R.T.: 0.000 min
Response: 13738504
Conc: 98.38 ug/ml



#9 ortho-Terphenyl (SURR)

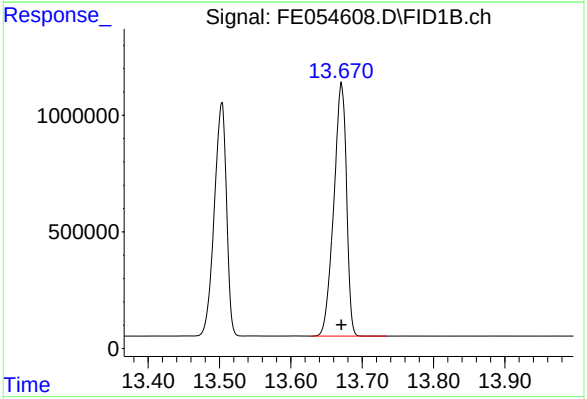
R.T.: 12.071 min
Delta R.T.: 0.000 min
Response: 15261711
Conc: 98.32 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



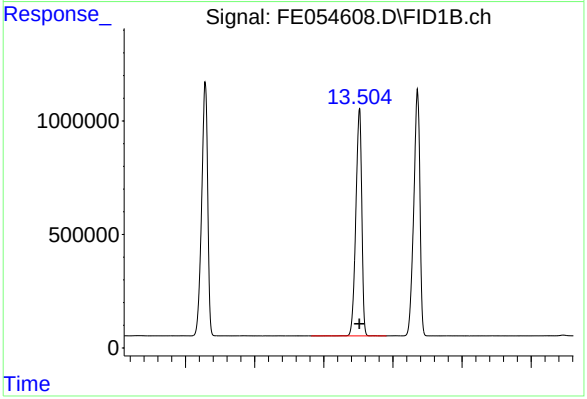
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: 0.000 min
Response: 13489369
Conc: 98.42 ug/ml



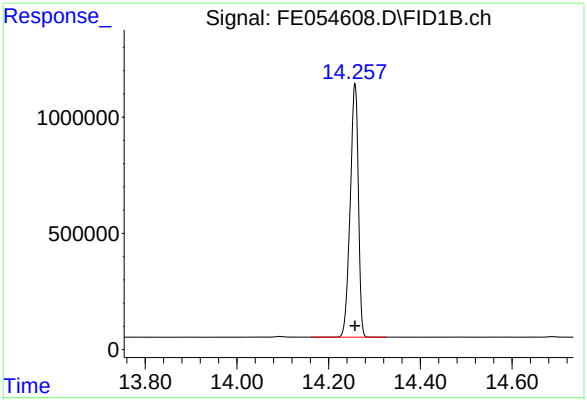
#11 n-Heneicosane (C21)

R.T.: 13.671 min
Delta R.T.: 0.000 min
Response: 13419134
Conc: 98.46 ug/ml



#12 1-chlorooctadecane (SURR)

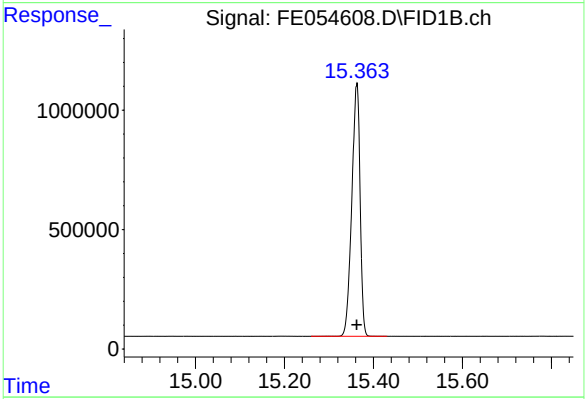
R.T.: 13.503 min
Delta R.T.: 0.000 min
Response: 11912385
Conc: 98.56 ug/ml



#13 n-Docosane (C22)

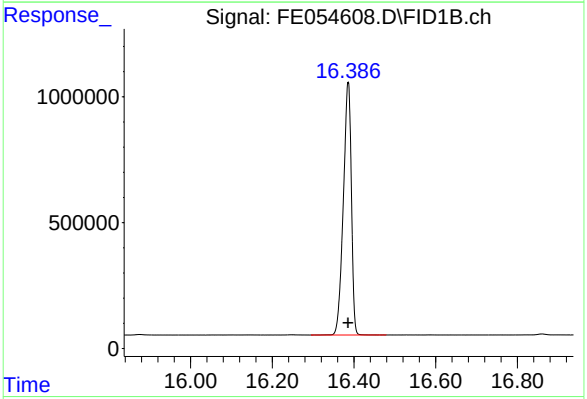
R.T.: 14.257 min
Delta R.T.: 0.000 min
Response: 13479858
Conc: 98.59 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



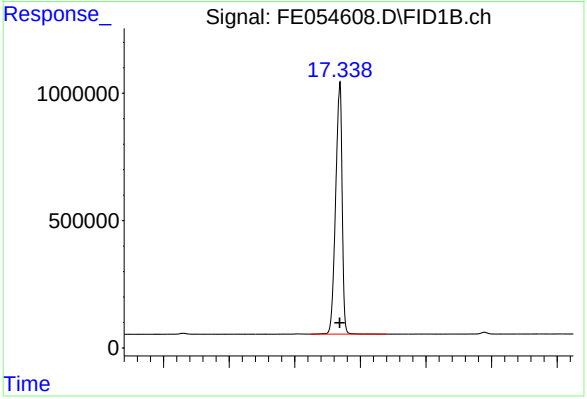
#14 n-Tetracosane (C24)

R.T.: 15.363 min
Delta R.T.: 0.000 min
Response: 13696854
Conc: 98.64 ug/ml



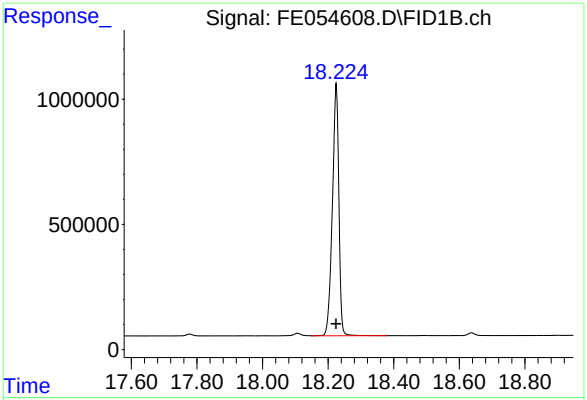
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: 0.000 min
Response: 13694406
Conc: 98.86 ug/ml



#16 n-Octacosane (C28)

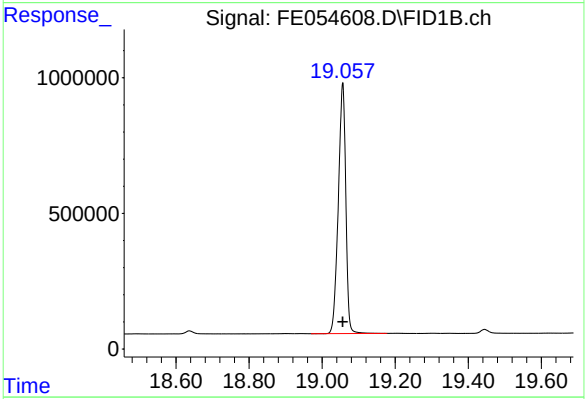
R.T.: 17.337 min
Delta R.T.: 0.000 min
Response: 13551138
Conc: 98.10 ug/ml



#17 n-Tricontane (C30)

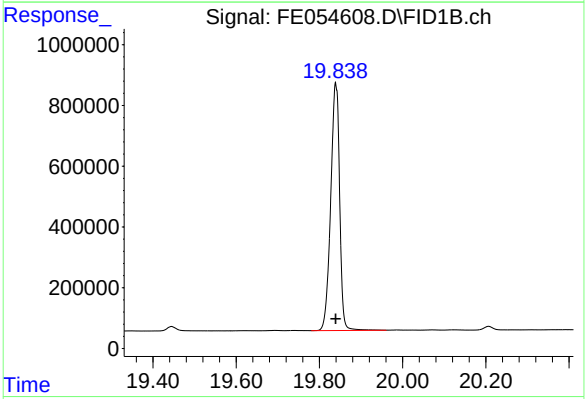
R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 13754161
Conc: 95.72 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



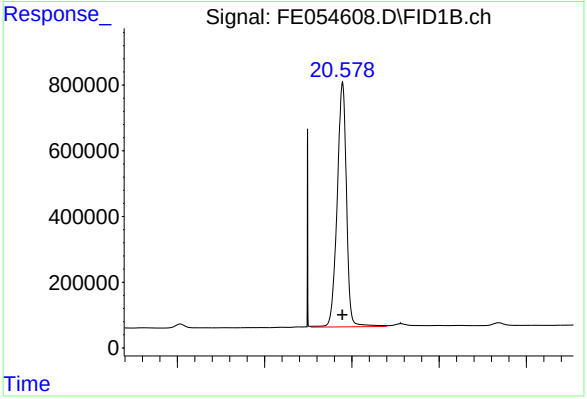
#18 n-Dotriacontane (C32)

R.T.: 19.056 min
Delta R.T.: 0.000 min
Response: 13143119
Conc: 93.13 ug/ml



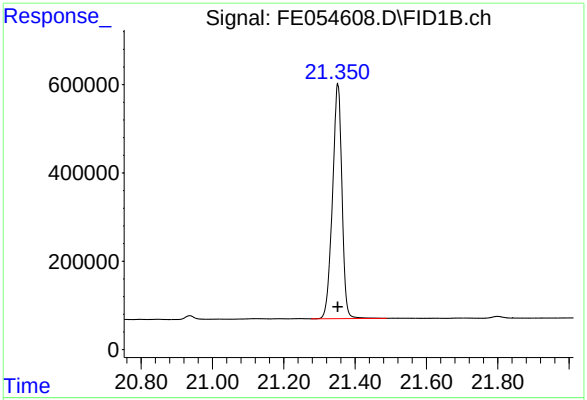
#19 n-Tetratriacontane (C34)

R.T.: 19.839 min
Delta R.T.: 0.000 min
Response: 12141560
Conc: 91.98 ug/ml



#20 n-Hexatriacontane (C36)

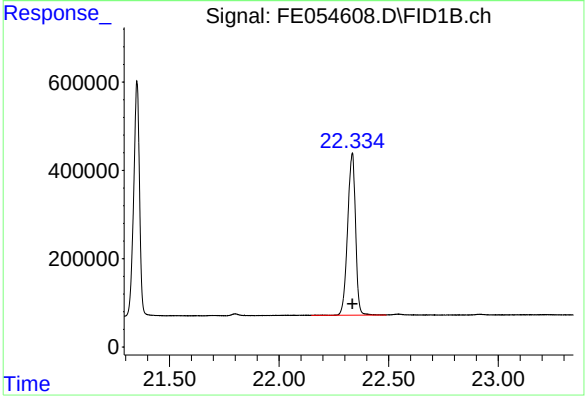
R.T.: 20.578 min
Delta R.T.: 0.000 min
Response: 11077409
Conc: 94.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.352 min
Delta R.T.: 0.000 min
Response: 9810489
Conc: 94.26 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.334 min
Delta R.T.: 0.000 min
Response: 9229400
Conc: 95.21 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054608.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 12:53
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	3.421	3.319	3.500	BB	1283528	12635864	82.79%	4.449%
2	4.676	4.620	4.710	BV	1312539	12802268	83.88%	4.507%
3	6.388	6.319	6.420	BV	1479361	14212427	93.12%	5.004%
4	6.848	6.782	6.879	BV	1278516	12881494	84.40%	4.535%
5	7.488	7.444	7.517	VV	1394772	13806245	90.46%	4.861%
6	8.683	8.614	8.749	PB	1234943	12896740	84.50%	4.541%
7	10.296	10.255	10.339	PB	1250423	13403145	87.82%	4.719%
8	11.745	11.692	11.810	VB	1176747	13738504	90.02%	4.837%
9	12.071	11.965	12.124	BB	1336962	15261711	100.00%	5.373%
10	13.057	13.014	13.129	PB	1115976	13489369	88.39%	4.749%
11	13.503	13.364	13.580	BV	997573	11912385	78.05%	4.194%
12	13.671	13.629	13.734	VB	1084496	13419134	87.93%	4.724%
13	14.257	14.162	14.325	BB	1093867	13479858	88.32%	4.746%
14	15.363	15.260	15.429	BB	1054542	13696854	89.75%	4.822%
15	16.386	16.295	16.479	BB	1005481	13694406	89.73%	4.821%
16	17.337	17.250	17.479	BB	985681	13551138	88.79%	4.771%
17	18.224	18.149	18.377	VB	1004571	13754161	90.12%	4.842%
18	19.056	18.970	19.175	BV	923456	13143119	86.12%	4.627%
19	19.839	19.780	19.960	BV	814419	12141560	79.56%	4.275%
20	20.578	20.507	20.679	VV	746760	11077409	72.58%	3.900%
21	21.352	21.277	21.487	BV	529504	9810489	64.28%	3.454%
22	22.334	22.147	22.489	BV	367080	9229400	60.47%	3.249%
			Sum of corrected areas:			284037678		

Aliphatic EPH 062725.M Sat Jun 28 02:13:46 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054609.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:23
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File: autoint1.e
Quant Time: Jun 27 14:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:26:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.065	7472405	48.742 ug/ml
Spiked Amount	50.000		Recovery =	97.48%
12) S	1-chlorooctadecane (S...	13.499	5810376	48.698 ug/ml
Spiked Amount	50.000		Recovery =	97.40%
	Target Compounds			
1) T	n-Nonane (C9)	3.418	6226788	49.017 ug/ml
2) T	n-Decane (C10)	4.673	6290394	48.900 ug/ml
3) T	A~Naphthalene (C11.7)	6.384	6971284	48.835 ug/ml
4) T	n-Dodecane (C12)	6.845	6324077	48.874 ug/ml
5) T	A~2-methylnaphthalene...	7.484	6781515	48.874 ug/ml
6) T	n-Tetradecane (C14)	8.679	6340887	48.831 ug/ml
7) T	n-Hexadecane (C16)	10.292	6564847	48.783 ug/ml
8) T	n-Octadecane (C18)	11.741	6726768	48.766 ug/ml
10) T	n-Eicosane (C20)	13.053	6597648	48.742 ug/ml
11) T	n-Heneicosane (C21)	13.666	6559873	48.739 ug/ml
13) T	n-Docosane (C22)	14.254	6582801	48.749 ug/ml
14) T	n-Tetracosane (C24)	15.358	6691637	48.779 ug/ml
15) T	n-Hexacosane (C26)	16.381	6698709	48.895 ug/ml
16) T	n-Octacosane (C28)	17.331	6687667	48.933 ug/ml
17) T	n-Tricontane (C30)	18.220	7024431	49.250 ug/ml
18) T	n-Dotriacontane (C32)	19.053	7061554	50.024 ug/ml
19) T	n-Tetratriacontane (C34)	19.836	6627704	50.139 ug/ml
20) T	n-Hexatriacontane (C36)	20.576	5878224	50.095 ug/ml
21) T	n-Octatriacontane (C38)	21.348	5181070	49.853 ug/ml
22) T	n-Tetracontane (C40)	22.327	4833466	49.907 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054609.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:23
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

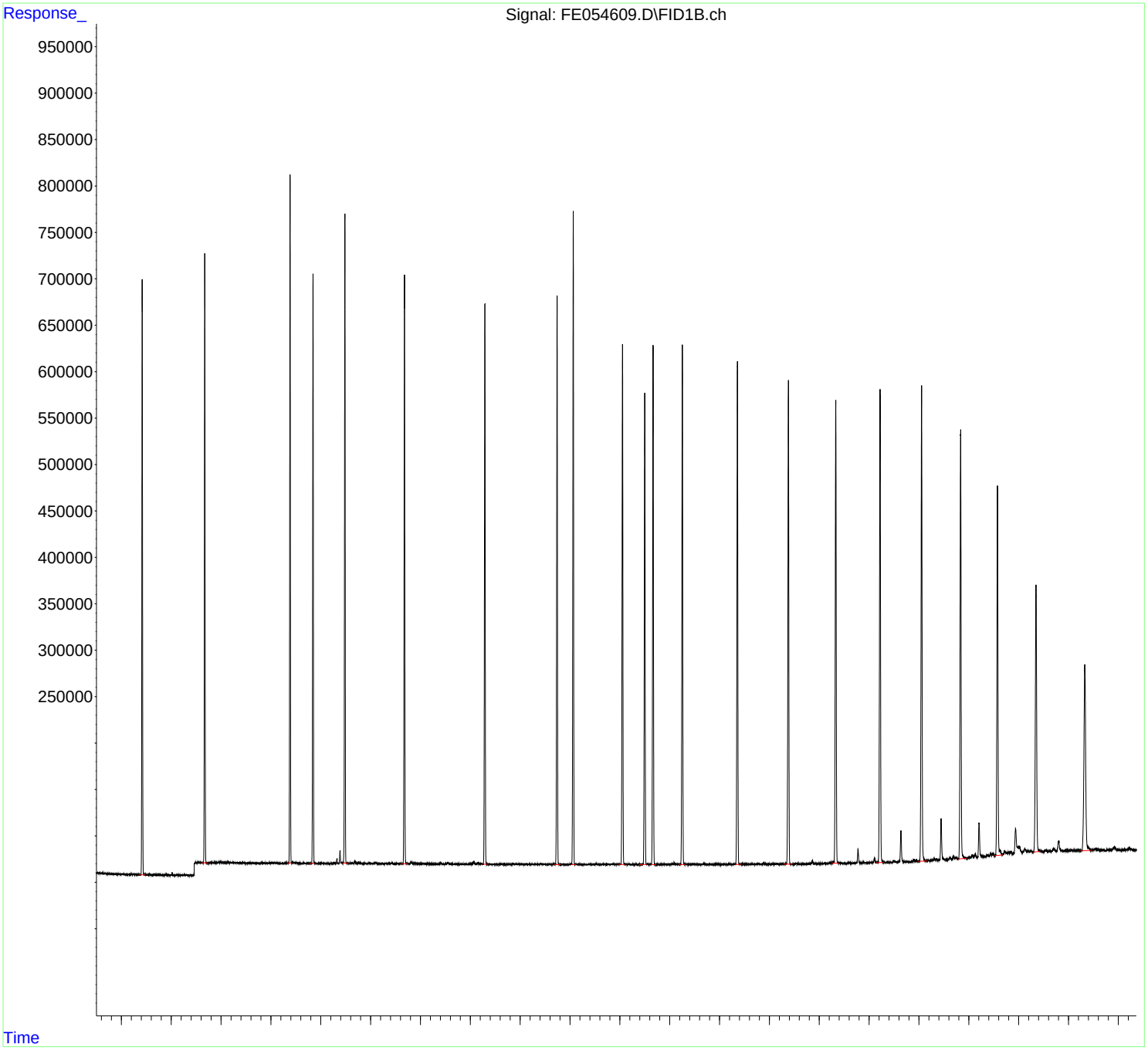
Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

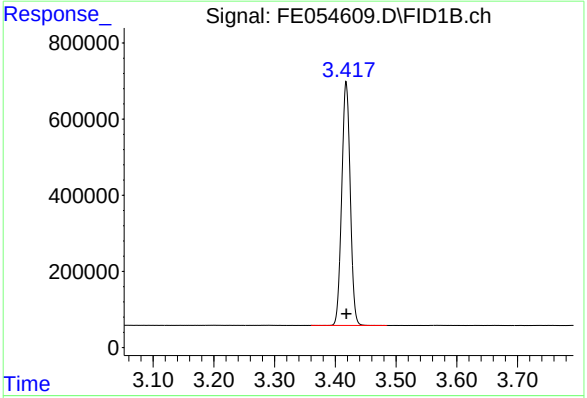
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File: autoint1.e
Quant Time: Jun 27 14:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:26:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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





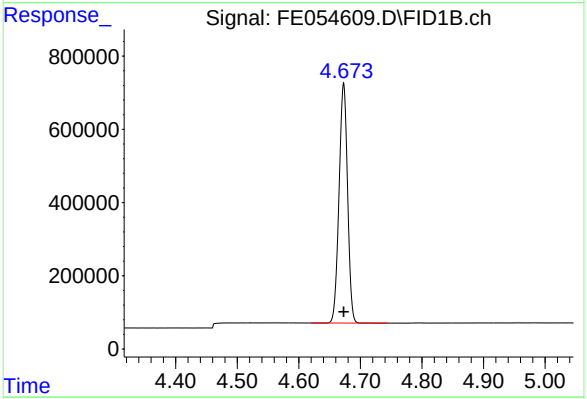
#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 6226788
Conc: 49.02 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

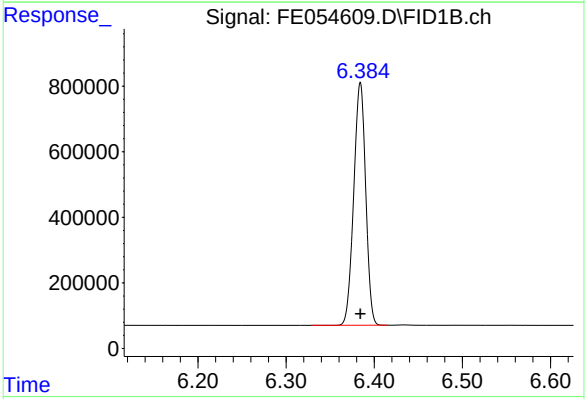
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



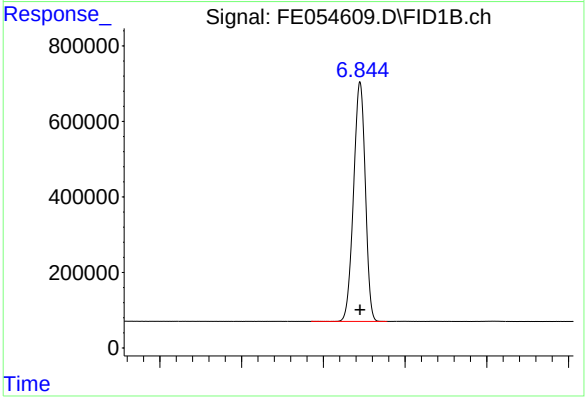
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 6290394
Conc: 48.90 ug/ml



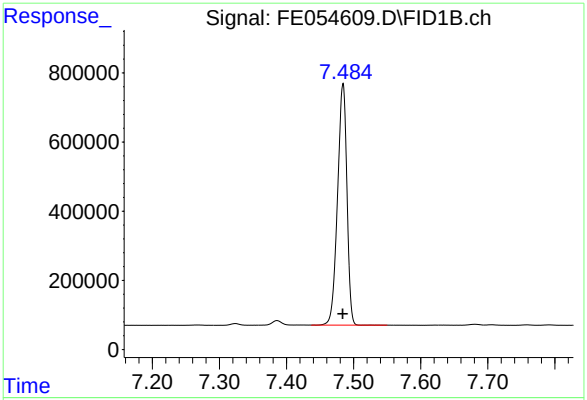
#3 A~Naphthalene (C11.7)

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 6971284
Conc: 48.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 6324077
Conc: 48.87 ug/ml



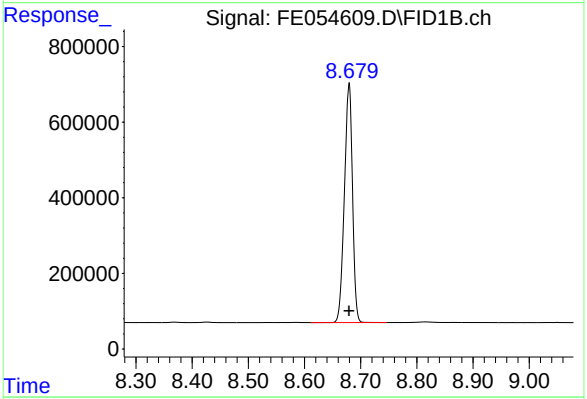
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 6781515
Conc: 48.87 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

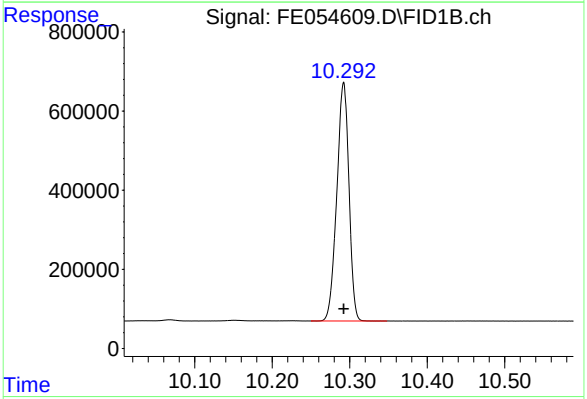
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



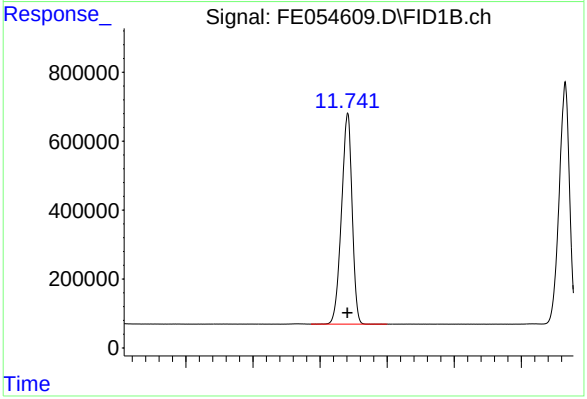
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 6340887
Conc: 48.83 ug/ml



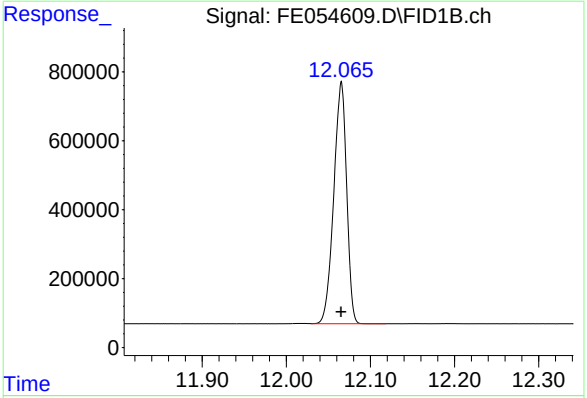
#7 n-Hexadecane (C16)

R.T.: 10.292 min
Delta R.T.: 0.000 min
Response: 6564847
Conc: 48.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.741 min
Delta R.T.: 0.000 min
Response: 6726768
Conc: 48.77 ug/ml



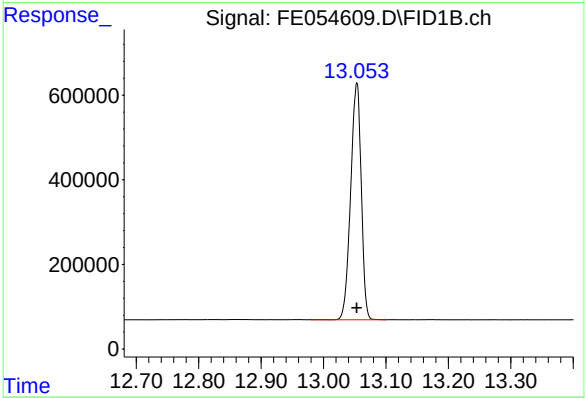
#9 ortho-Terphenyl (SURR)

R.T.: 12.065 min
Delta R.T.: 0.000 min
Response: 7472405
Conc: 48.74 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

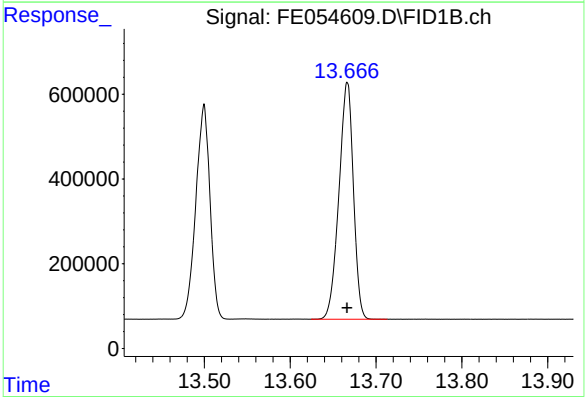
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



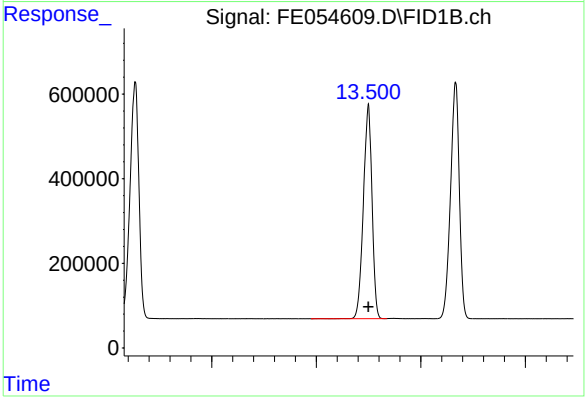
#10 n-Eicosane (C20)

R.T.: 13.053 min
Delta R.T.: 0.000 min
Response: 6597648
Conc: 48.74 ug/ml



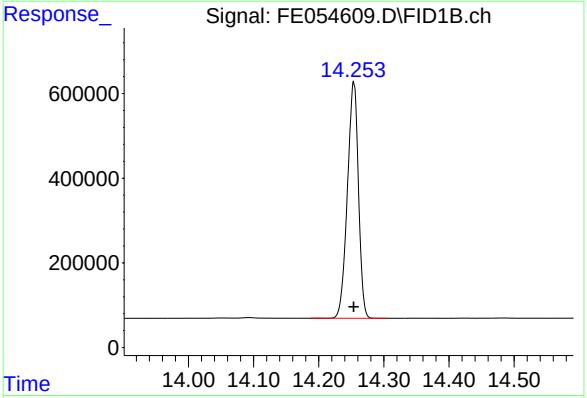
#11 n-Heneicosane (C21)

R.T.: 13.666 min
Delta R.T.: 0.000 min
Response: 6559873
Conc: 48.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.499 min
Delta R.T.: 0.000 min
Response: 5810376
Conc: 48.70 ug/ml



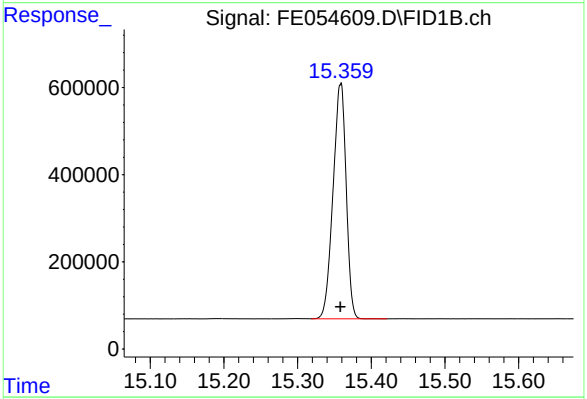
#13 n-Docosane (C22)

R.T.: 14.254 min
Delta R.T.: 0.000 min
Response: 6582801
Conc: 48.75 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

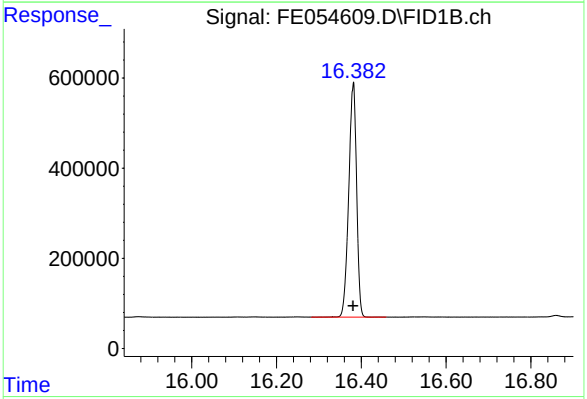
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



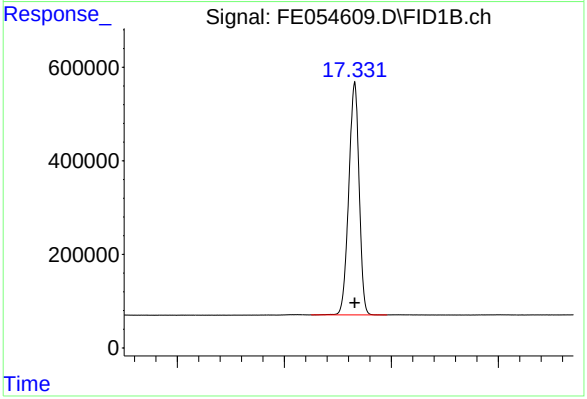
#14 n-Tetracosane (C24)

R.T.: 15.358 min
Delta R.T.: 0.000 min
Response: 6691637
Conc: 48.78 ug/ml



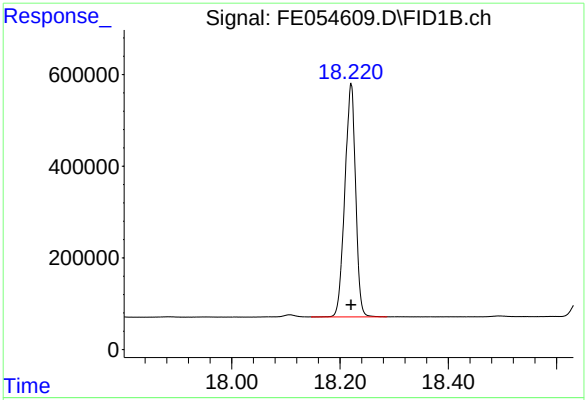
#15 n-Hexacosane (C26)

R.T.: 16.381 min
Delta R.T.: 0.000 min
Response: 6698709
Conc: 48.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.331 min
Delta R.T.: 0.000 min
Response: 6687667
Conc: 48.93 ug/ml



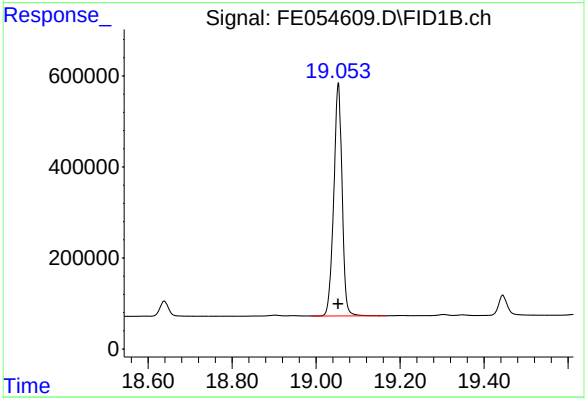
#17 n-Tricontane (C30)

R.T.: 18.220 min
Delta R.T.: 0.000 min
Response: 7024431
Conc: 49.25 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

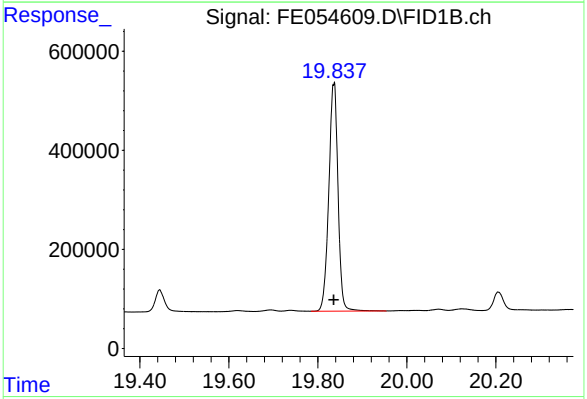
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



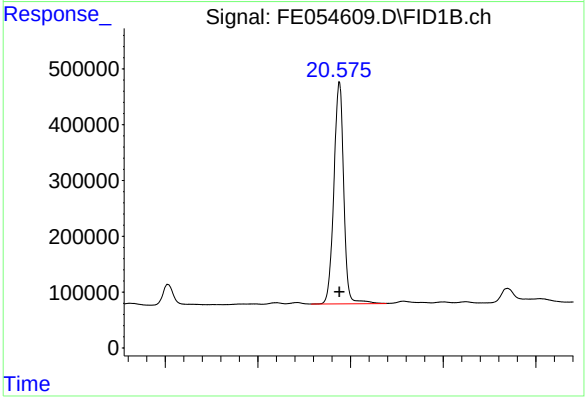
#18 n-Dotriacontane (C32)

R.T.: 19.053 min
Delta R.T.: 0.000 min
Response: 7061554
Conc: 50.02 ug/ml



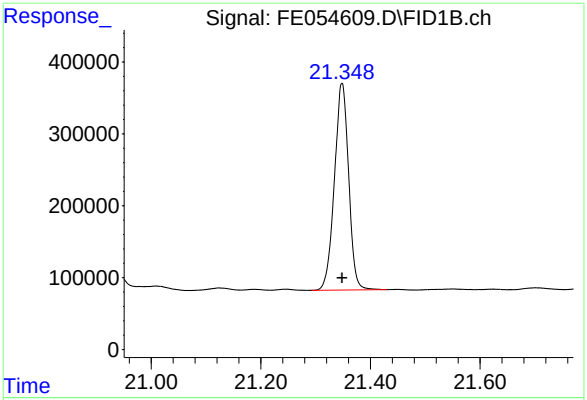
#19 n-Tetratriacontane (C34)

R.T.: 19.836 min
Delta R.T.: 0.000 min
Response: 6627704
Conc: 50.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.576 min
Delta R.T.: 0.000 min
Response: 5878224
Conc: 50.09 ug/ml



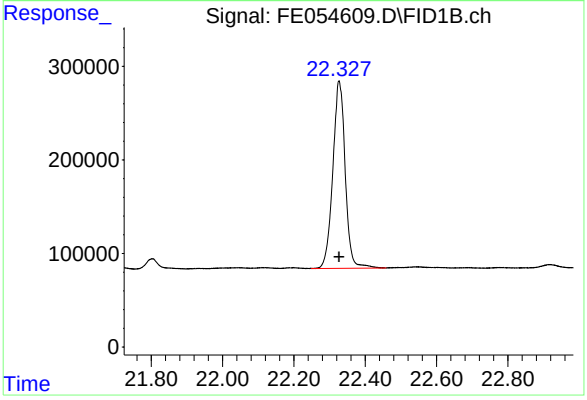
#21 n-Octatriacontane (C38)

R.T.: 21.348 min
Delta R.T.: 0.000 min
Response: 5181070
Conc: 49.85 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



#22 n-Tetracontane (C40)

R.T.: 22.327 min
Delta R.T.: 0.000 min
Response: 4833466
Conc: 49.91 ug/ml

rteres

Instrument :
FID_E
LabSampleId :
50 PPM ALIPHATIC HC STD2

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06272
Data File : FE054609.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:23
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	3.418	3.360	3.484	BB	636637	6226788	83.33%	4.387%
2	4.673	4.620	4.742	BB	656352	6290394	84.18%	4.432%
3	6.384	6.329	6.414	BV	740919	6971284	93.29%	4.912%
4	6.845	6.785	6.877	BV	635637	6324077	84.63%	4.456%
5	7.484	7.437	7.549	BB	696784	6781515	90.75%	4.778%
6	8.679	8.612	8.745	BB	627912	6340887	84.86%	4.467%
7	10.292	10.250	10.347	BB	602896	6564847	87.85%	4.625%
8	11.741	11.687	11.799	VB	609597	6726768	90.02%	4.739%
9	12.065	12.030	12.119	VB	704192	7472405	100.00%	5.265%
10	13.053	12.980	13.100	BB	562485	6597648	88.29%	4.648%
11	13.499	13.390	13.534	BV	501995	5810376	77.76%	4.094%
12	13.666	13.625	13.712	PB	560211	6559873	87.79%	4.622%
13	14.254	14.189	14.304	BB	559020	6582801	88.09%	4.638%
14	15.358	15.319	15.420	VB	539298	6691637	89.55%	4.715%
15	16.381	16.282	16.459	BB	513585	6698709	89.65%	4.720%
16	17.331	17.250	17.390	BV	499581	6687667	89.50%	4.712%
17	18.220	18.147	18.285	VB	509924	7024431	94.00%	4.949%
18	19.053	18.989	19.167	BB	510669	7061554	94.50%	4.975%
19	19.836	19.785	19.954	VV	457918	6627704	88.70%	4.670%
20	20.576	20.515	20.677	VV	398656	5878224	78.67%	4.142%
21	21.348	21.292	21.429	PV	287822	5181070	69.34%	3.650%
22	22.327	22.249	22.459	BV	200256	4833466	64.68%	3.405%
			Sum of corrected areas:			141934123		

Aliphatic EPH 062725.M Sat Jun 28 02:15:27 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054610.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:53
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jun 27 14:22:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:22:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.062	3156943	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
12) S	1-chlorooctadecane (S...	13.497	2452207	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
	Target Compounds			
1) T	n-Nonane (C9)	3.417	2604070	20.000 ug/ml
2) T	n-Decane (C10)	4.672	2641707	20.000 ug/ml
3) T	A~Naphthalene (C11.7)	6.383	2934117	20.000 ug/ml
4) T	n-Dodecane (C12)	6.844	2657748	20.000 ug/ml
5) T	A~2-methylnaphthalene...	7.482	2851436	20.000 ug/ml
6) T	n-Tetradecane (C14)	8.677	2675509	20.000 ug/ml
7) T	n-Hexadecane (C16)	10.290	2767706	20.000 ug/ml
8) T	n-Octadecane (C18)	11.737	2838043	20.000 ug/ml
10) T	n-Eicosane (C20)	13.050	2784649	20.000 ug/ml
11) T	n-Heneicosane (C21)	13.664	2767798	20.000 ug/ml
13) T	n-Docosane (C22)	14.251	2773055	20.000 ug/ml
14) T	n-Tetracosane (C24)	15.356	2814871	20.000 ug/ml
15) T	n-Hexacosane (C26)	16.378	2801775	20.000 ug/ml
16) T	n-Octacosane (C28)	17.329	2814947	20.000 ug/ml
17) T	n-Tricontane (C30)	18.217	2997062	20.000 ug/ml
18) T	n-Dotriacontane (C32)	19.050	3016622	20.000 ug/ml
19) T	n-Tetratriacontane (C34)	19.834	2851871	20.000 ug/ml
20) T	n-Hexatriacontane (C36)	20.572	2473790	20.000 ug/ml
21) T	n-Octatriacontane (C38)	21.345	2201144	20.000 ug/ml
22) T	n-Tetracontane (C40)	22.321	2031713	20.000 ug/ml

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

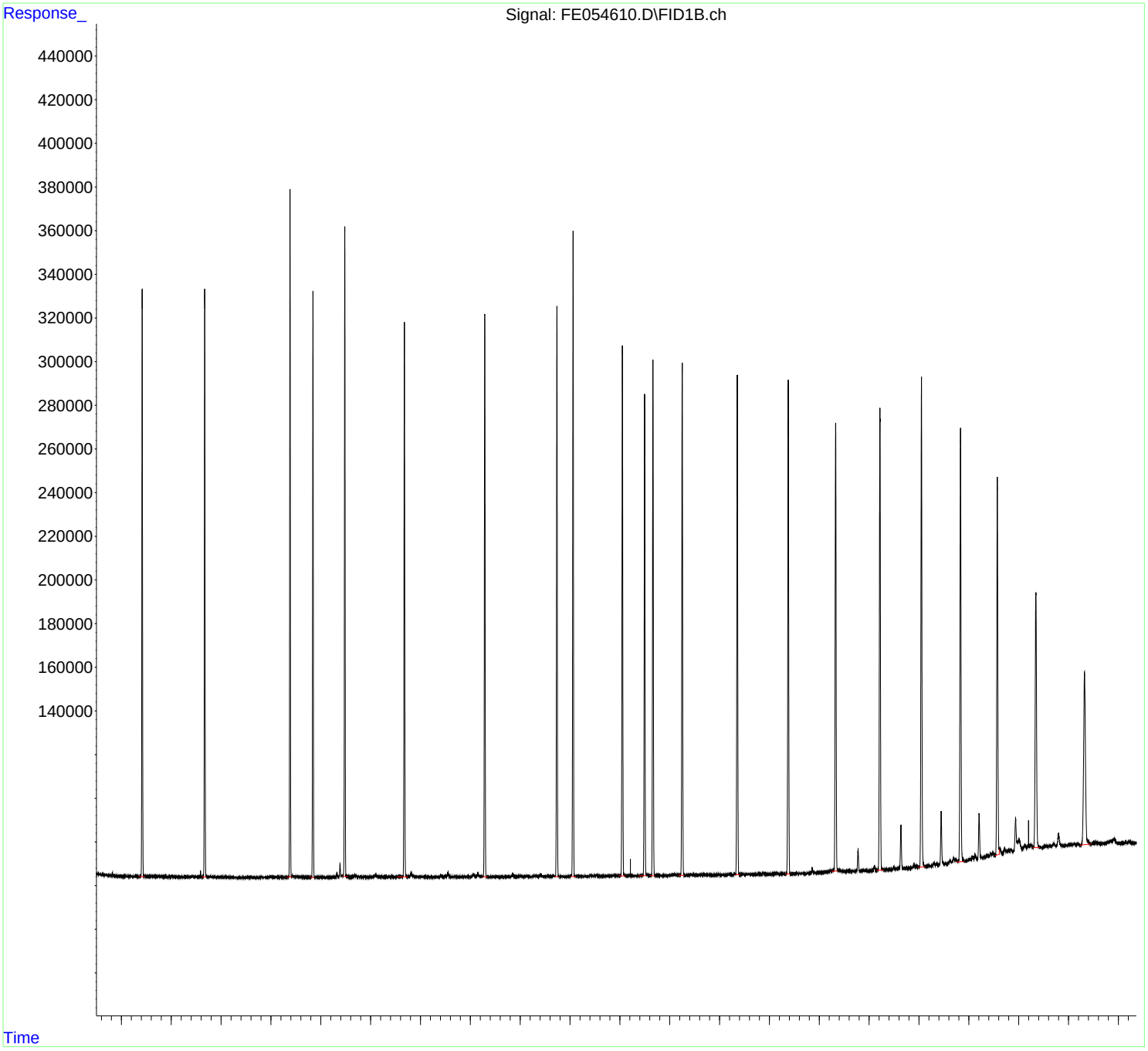
Quantitation Report (QT Reviewed)

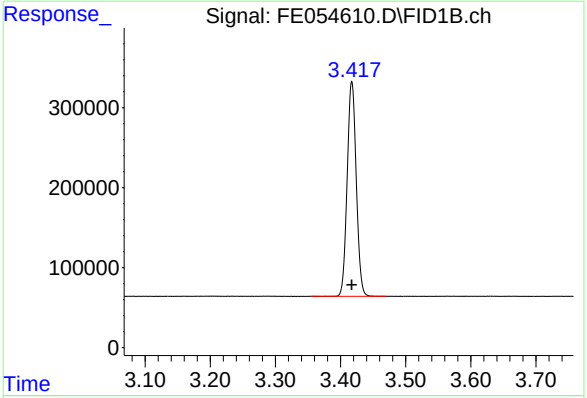
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054610.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:53
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jun 27 14:22:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:22:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

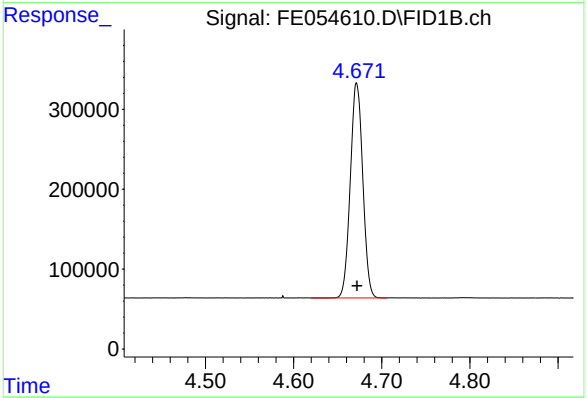




#1 n-Nonane (C9)

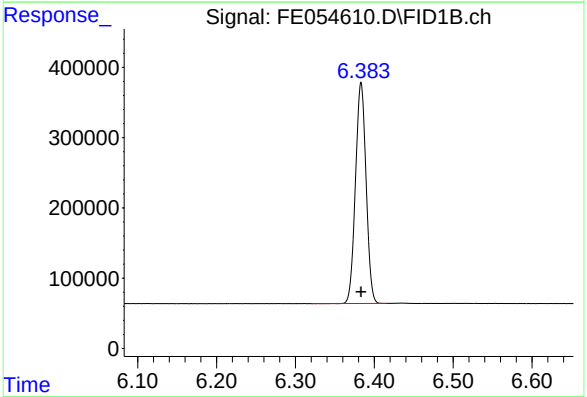
R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 2604070
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



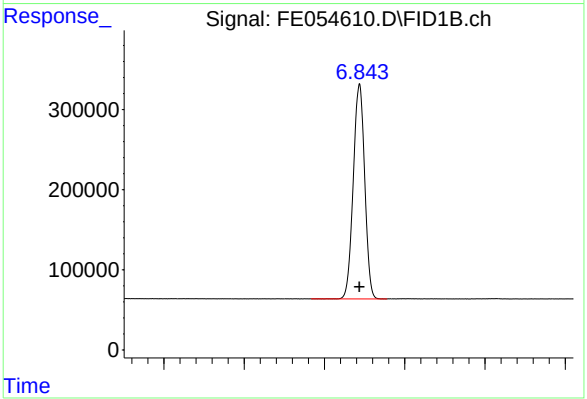
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2641707
Conc: 20.00 ug/ml



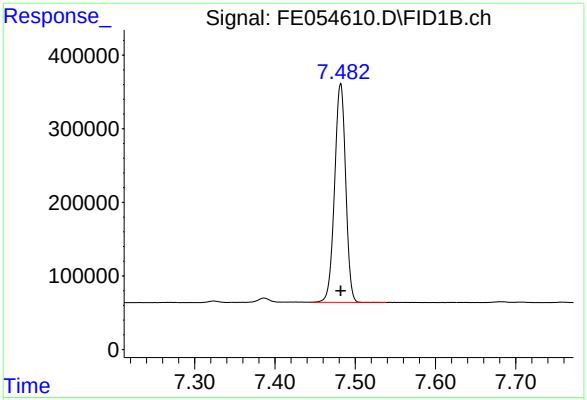
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2934117
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

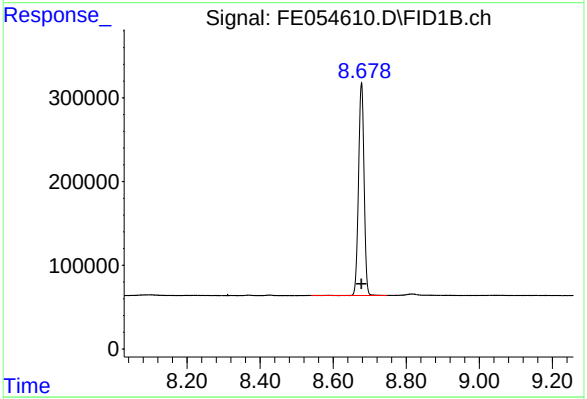
R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 2657748
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

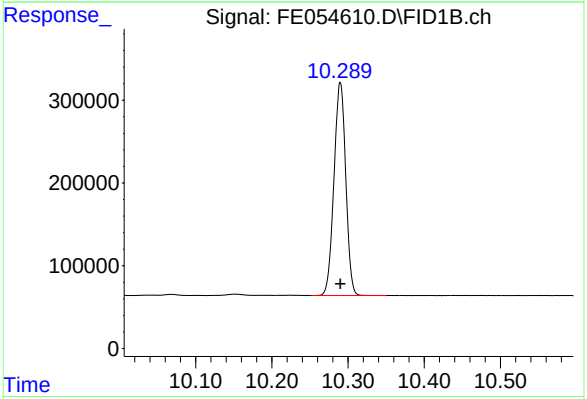
R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 2851436
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



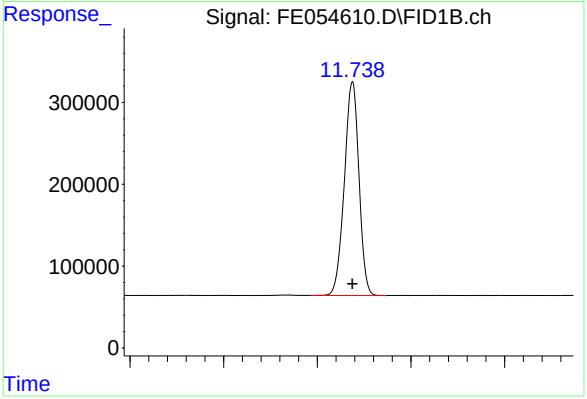
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2675509
Conc: 20.00 ug/ml



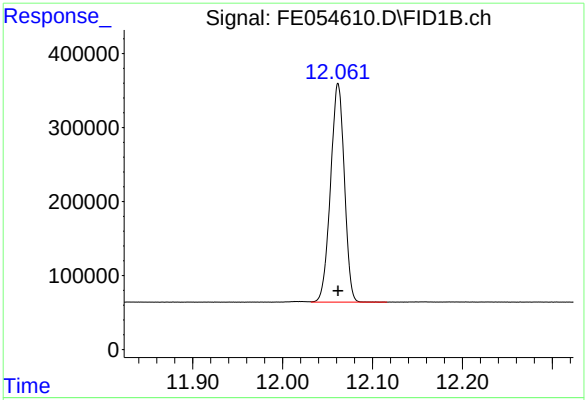
#7 n-Hexadecane (C16)

R.T.: 10.290 min
Delta R.T.: 0.000 min
Response: 2767706
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

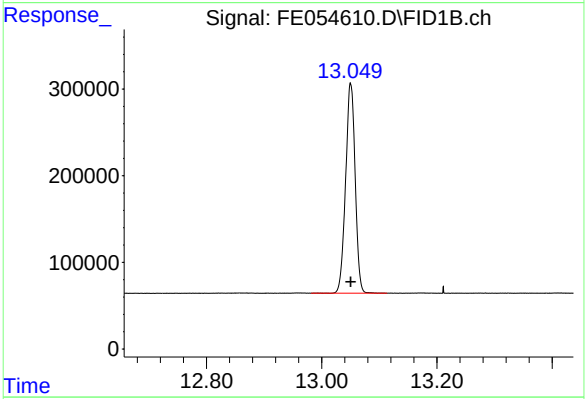
R.T.: 11.737 min
Delta R.T.: 0.000 min
Response: 2838043
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

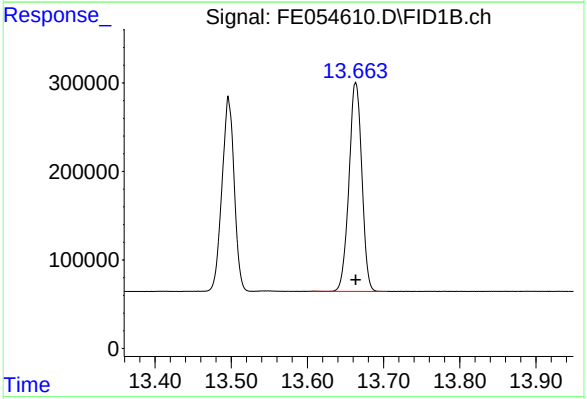
R.T.: 12.062 min
Delta R.T.: 0.000 min
Response: 3156943
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



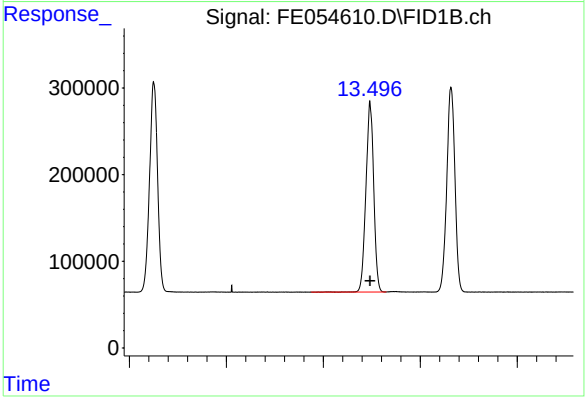
#10 n-Eicosane (C20)

R.T.: 13.050 min
Delta R.T.: 0.000 min
Response: 2784649
Conc: 20.00 ug/ml



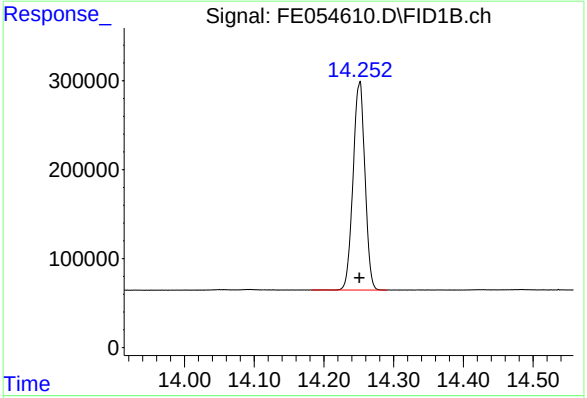
#11 n-Heneicosane (C21)

R.T.: 13.664 min
Delta R.T.: 0.000 min
Response: 2767798
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

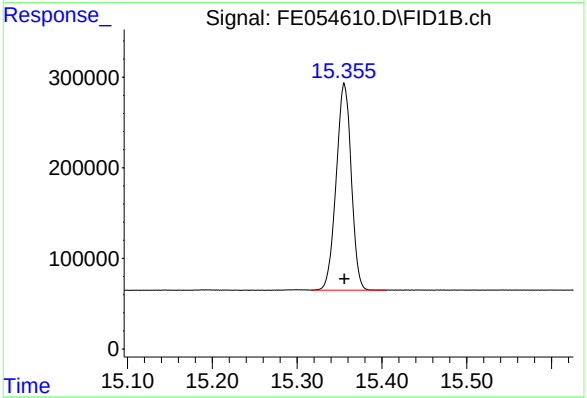
R.T.: 13.497 min
Delta R.T.: 0.000 min
Response: 2452207
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

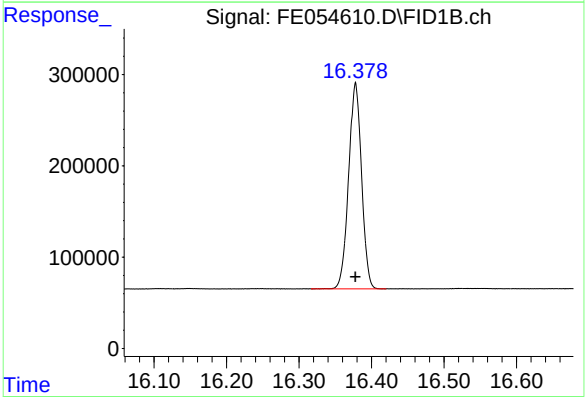
R.T.: 14.251 min
Delta R.T.: 0.000 min
Response: 2773055
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



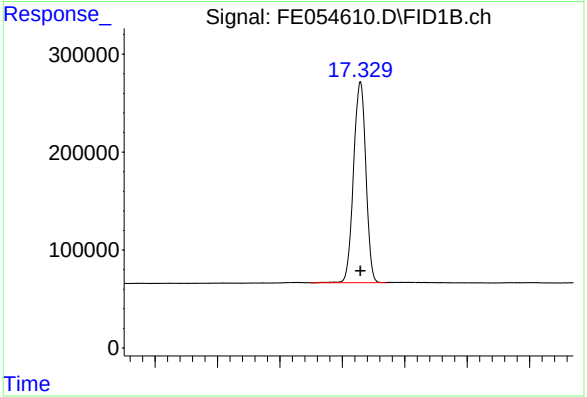
#14 n-Tetracosane (C24)

R.T.: 15.356 min
Delta R.T.: 0.000 min
Response: 2814871
Conc: 20.00 ug/ml



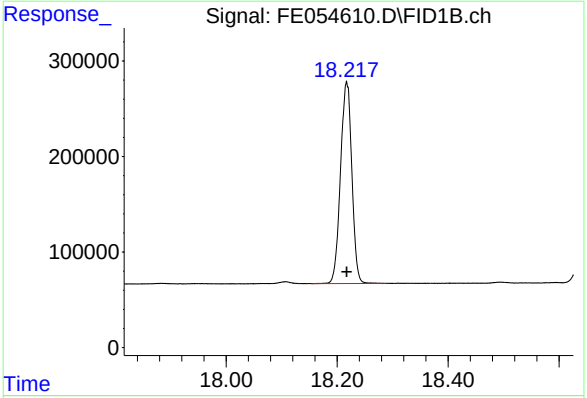
#15 n-Hexacosane (C26)

R.T.: 16.378 min
Delta R.T.: 0.000 min
Response: 2801775
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

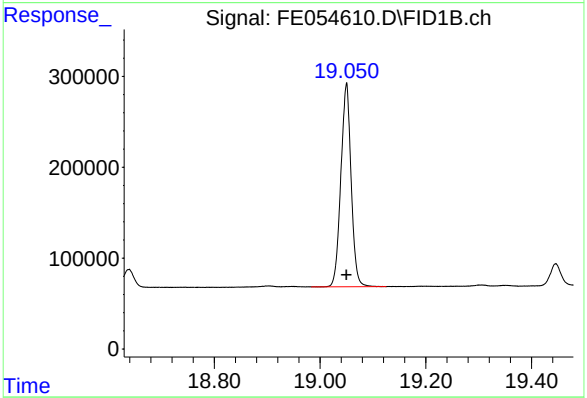
R.T.: 17.329 min
Delta R.T.: 0.000 min
Response: 2814947
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

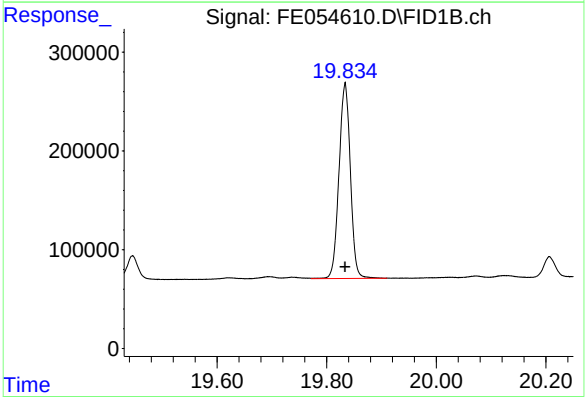
R.T.: 18.217 min
Delta R.T.: 0.000 min
Response: 2997062
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



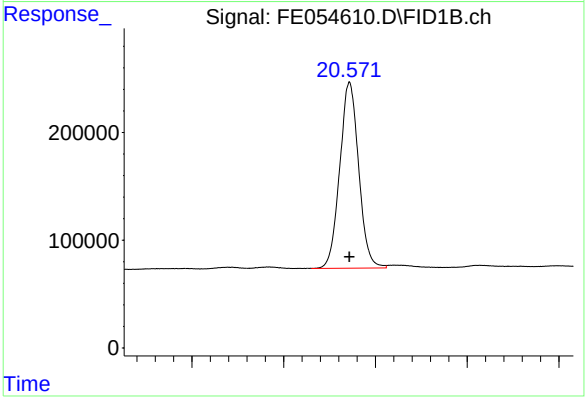
#18 n-Dotriacontane (C32)

R.T.: 19.050 min
Delta R.T.: 0.000 min
Response: 3016622
Conc: 20.00 ug/ml



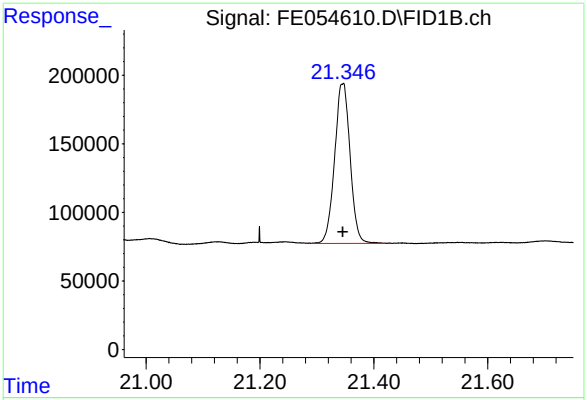
#19 n-Tetratriacontane (C34)

R.T.: 19.834 min
Delta R.T.: 0.000 min
Response: 2851871
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

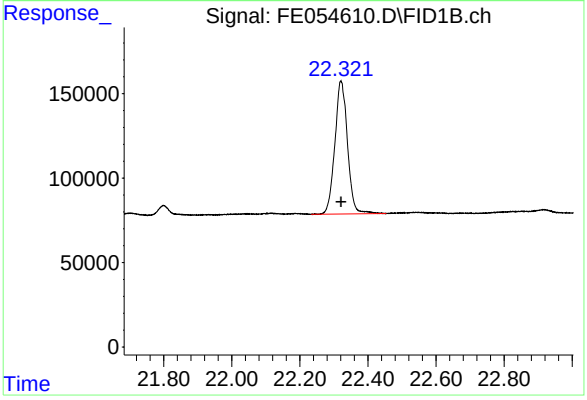
R.T.: 20.572 min
Delta R.T.: 0.000 min
Response: 2473790
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.345 min
Delta R.T.: 0.000 min
Response: 2201144
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.321 min
Delta R.T.: 0.000 min
Response: 2031713
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054610.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:53
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	3.417	3.355	3.470	BB	269063	2604070	82.49%	4.347%
2	4.672	4.620	4.705	BB	268277	2641707	83.68%	4.410%
3	6.383	6.320	6.415	BV	314891	2934117	92.94%	4.898%
4	6.844	6.783	6.877	BV	268290	2657748	84.19%	4.436%
5	7.482	7.445	7.538	BB	297241	2851436	90.32%	4.760%
6	8.677	8.540	8.745	BB	253033	2675509	84.75%	4.466%
7	10.290	10.252	10.350	BB	257624	2767706	87.67%	4.620%
8	11.737	11.693	11.773	BB	260719	2838043	89.90%	4.737%
9	12.062	12.032	12.115	VB	295794	3156943	100.00%	5.270%
10	13.050	12.982	13.112	BB	242032	2784649	88.21%	4.648%
11	13.497	13.375	13.530	BV	216935	2452207	77.68%	4.093%
12	13.664	13.605	13.703	BB	235623	2767798	87.67%	4.620%
13	14.251	14.182	14.289	BB	232009	2773055	87.84%	4.629%
14	15.356	15.317	15.405	VB	228102	2814871	89.16%	4.699%
15	16.378	16.317	16.420	BB	225943	2801775	88.75%	4.677%
16	17.329	17.250	17.370	BV	205609	2814947	89.17%	4.699%
17	18.217	18.153	18.288	BB	210880	2997062	94.94%	5.003%
18	19.050	18.983	19.125	BB	224239	3016622	95.56%	5.035%
19	19.834	19.772	19.908	VB	197877	2851871	90.34%	4.760%
20	20.572	20.530	20.612	BV	172986	2473790	78.36%	4.129%
21	21.345	21.290	21.422	VV	116171	2201144	69.72%	3.674%
22	22.321	22.233	22.453	BV	78611	2031713	64.36%	3.391%
			Sum of corrected areas:			59908781		

Aliphatic EPH 062725.M Sat Jun 28 02:16:17 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054611.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:23
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jun 27 14:51:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:51:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.061	1724999	10.911 ug/ml
Spiked Amount	50.000		Recovery =	21.82%
12) S	1-chlorooctadecane (S...	13.496	1337321	10.880 ug/ml
Spiked Amount	50.000		Recovery =	21.76%
	Target Compounds			
1) T	n-Nonane (C9)	3.418	1430994	10.920 ug/ml
2) T	n-Decane (C10)	4.672	1453045	10.941 ug/ml
3) T	A~Naphthalene (C11.7)	6.383	1612580	10.942 ug/ml
4) T	n-Dodecane (C12)	6.843	1461644	10.942 ug/ml
5) T	A~2-methylnaphthalene...	7.481	1563539	10.922 ug/ml
6) T	n-Tetradecane (C14)	8.677	1478055	11.002 ug/ml
7) T	n-Hexadecane (C16)	10.289	1515105	10.915 ug/ml
8) T	n-Octadecane (C18)	11.737	1554612	10.923 ug/ml
10) T	n-Eicosane (C20)	13.049	1530215	10.948 ug/ml
11) T	n-Heneicosane (C21)	13.663	1519506	10.937 ug/ml
13) T	n-Docosane (C22)	14.251	1512806	10.876 ug/ml
14) T	n-Tetracosane (C24)	15.354	1537308	10.878 ug/ml
15) T	n-Hexacosane (C26)	16.377	1534827	10.876 ug/ml
16) T	n-Octacosane (C28)	17.327	1542456	10.934 ug/ml
17) T	n-Tricontane (C30)	18.215	1692830	11.339 ug/ml
18) T	n-Dotriacontane (C32)	19.048	1774595	11.812 ug/ml
19) T	n-Tetratriacontane (C34)	19.833	1678325	11.895 ug/ml
20) T	n-Hexatriacontane (C36)	20.572	1485639	11.871 ug/ml
21) T	n-Octatriacontane (C38)	21.343	1300115	11.771 ug/ml
22) T	n-Tetracontane (C40)	22.322	1194943	11.657 ug/ml

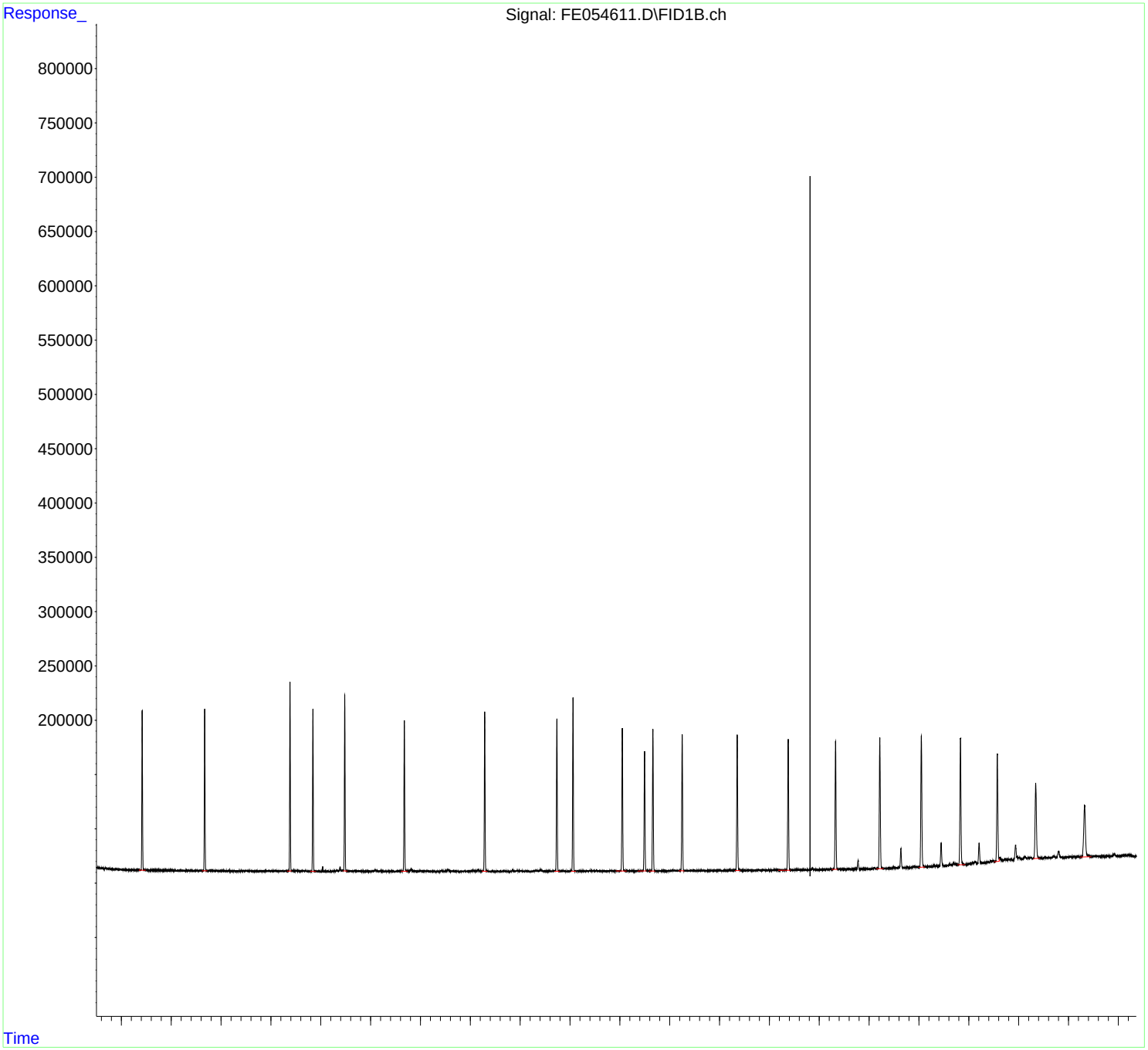
(f)=RT Delta > 1/2 Window (m)=manual int.

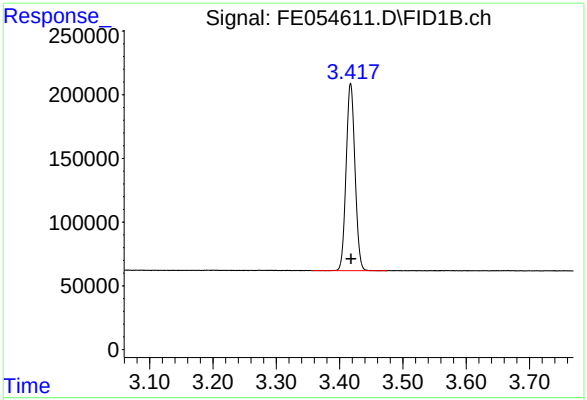
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054611.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:23
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jun 27 14:51:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:51:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

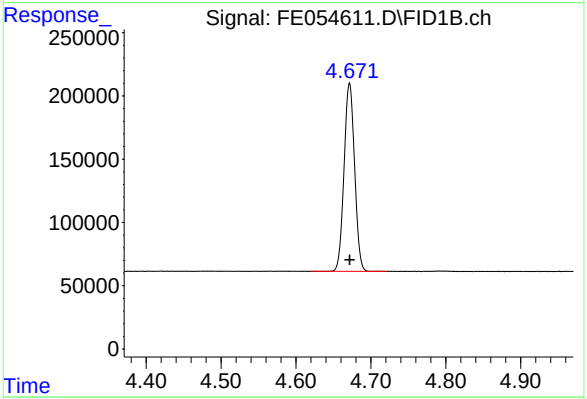




#1 n-Nonane (C9)

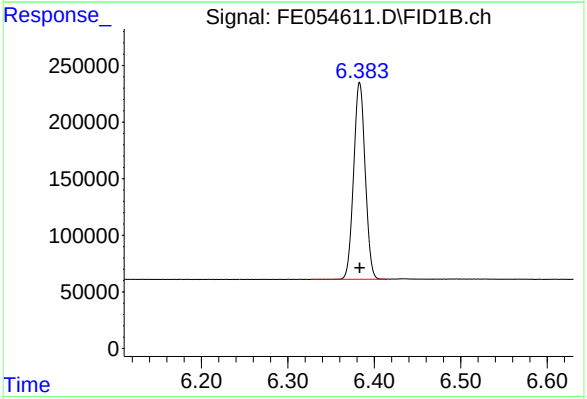
R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 1430994
Conc: 10.92 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



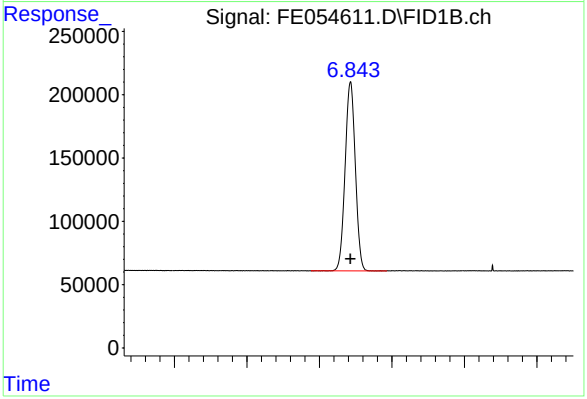
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1453045
Conc: 10.94 ug/ml



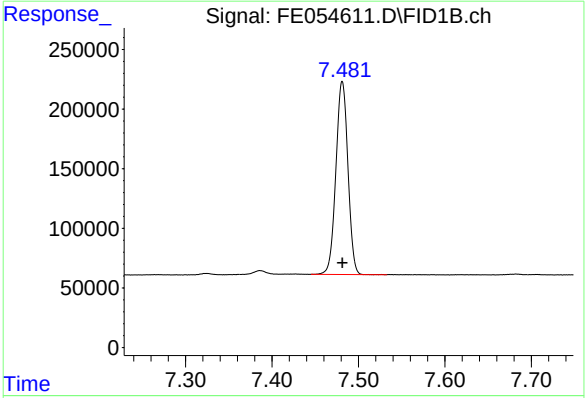
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 1612580
Conc: 10.94 ug/ml



#4 n-Dodecane (C12)

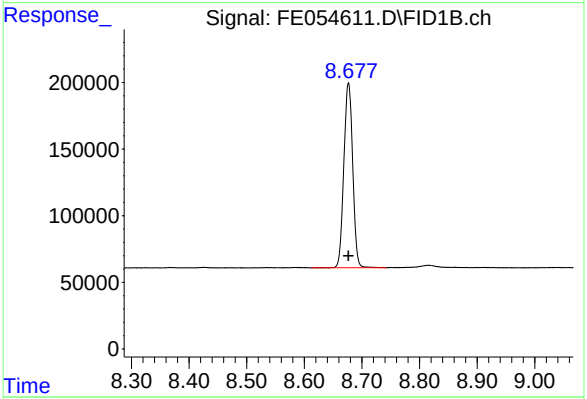
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 1461644
Conc: 10.94 ug/ml



#5 A~2-methylnaphthalene (C12.89)

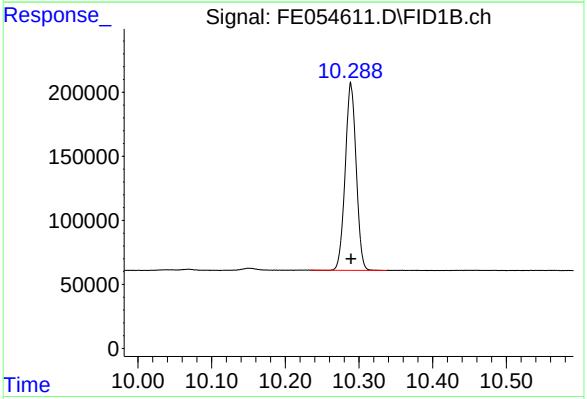
R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 1563539
Conc: 10.92 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



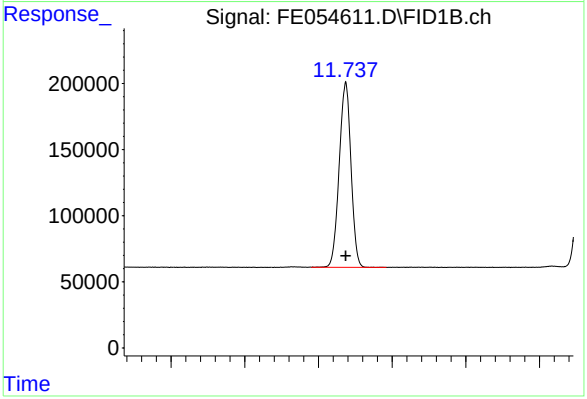
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 1478055
Conc: 11.00 ug/ml



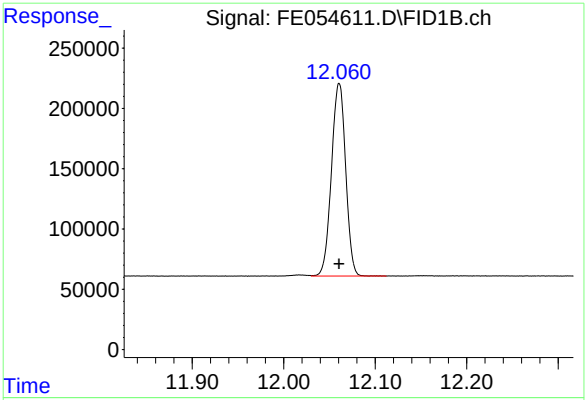
#7 n-Hexadecane (C16)

R.T.: 10.289 min
Delta R.T.: 0.000 min
Response: 1515105
Conc: 10.92 ug/ml



#8 n-Octadecane (C18)

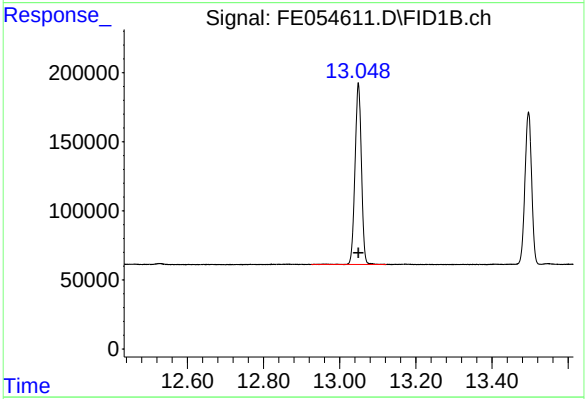
R.T.: 11.737 min
Delta R.T.: 0.000 min
Response: 1554612
Conc: 10.92 ug/ml



#9 ortho-Terphenyl (SURR)

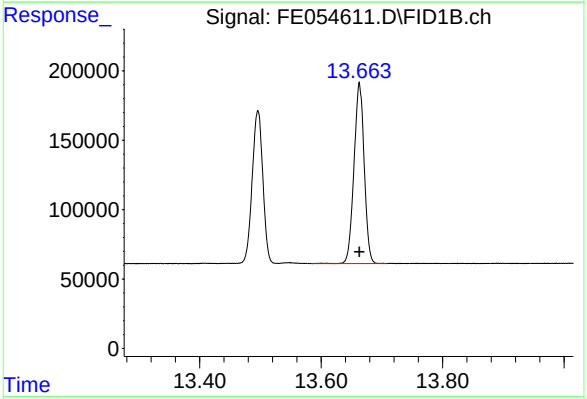
R.T.: 12.061 min
Delta R.T.: 0.000 min
Response: 1724999
Conc: 10.91 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



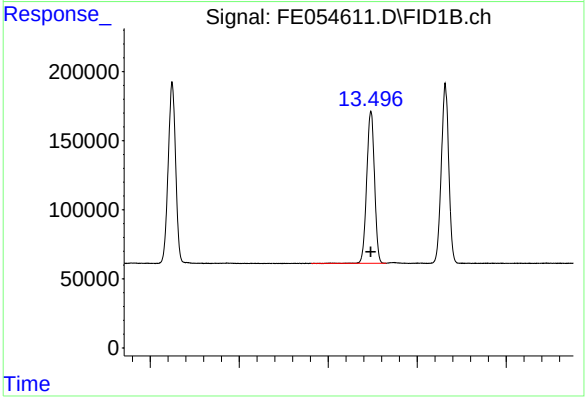
#10 n-Eicosane (C20)

R.T.: 13.049 min
Delta R.T.: 0.000 min
Response: 1530215
Conc: 10.95 ug/ml



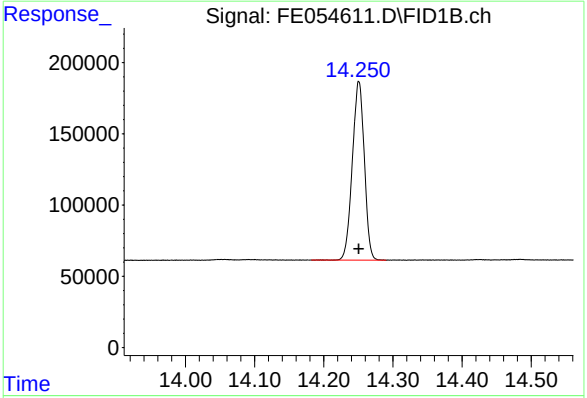
#11 n-Heneicosane (C21)

R.T.: 13.663 min
Delta R.T.: 0.000 min
Response: 1519506
Conc: 10.94 ug/ml



#12 1-chlorooctadecane (SURR)

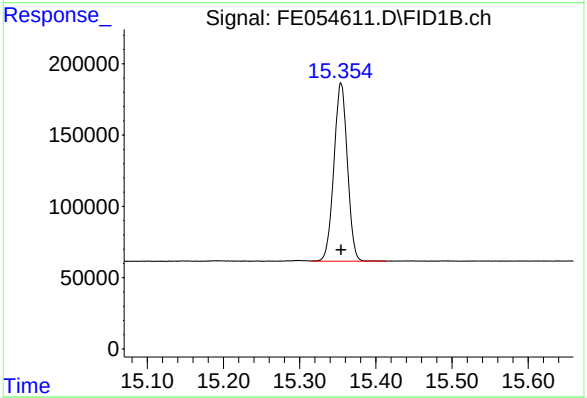
R.T.: 13.496 min
Delta R.T.: 0.000 min
Response: 1337321
Conc: 10.88 ug/ml



#13 n-Docosane (C22)

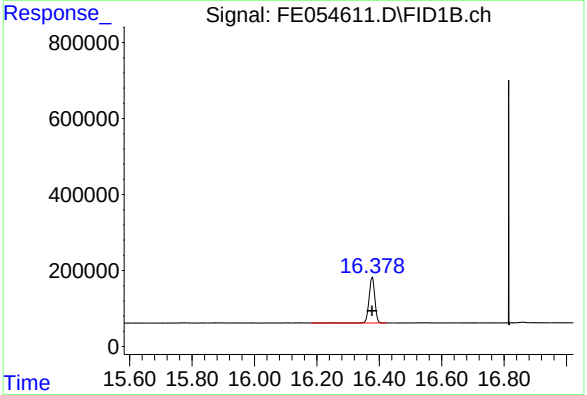
R.T.: 14.251 min
Delta R.T.: 0.000 min
Response: 1512806
Conc: 10.88 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



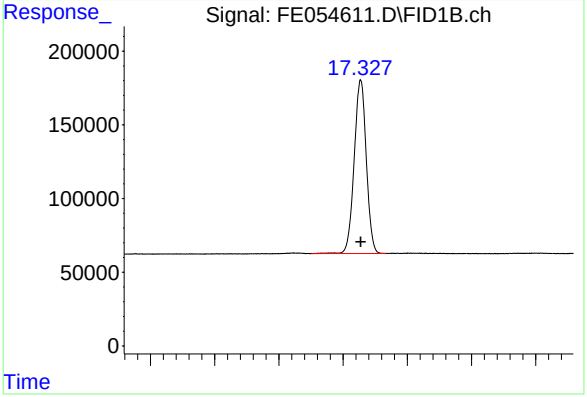
#14 n-Tetracosane (C24)

R.T.: 15.354 min
Delta R.T.: 0.000 min
Response: 1537308
Conc: 10.88 ug/ml



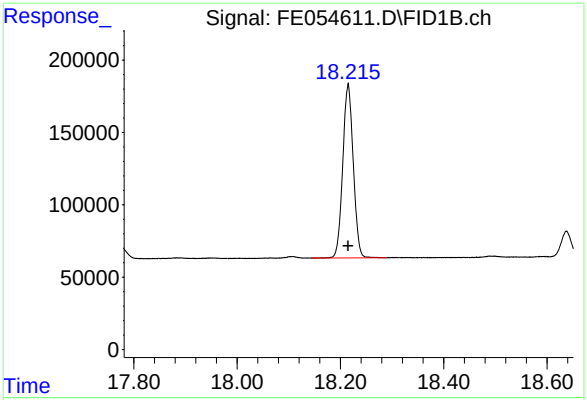
#15 n-Hexacosane (C26)

R.T.: 16.377 min
Delta R.T.: 0.000 min
Response: 1534827
Conc: 10.88 ug/ml



#16 n-Octacosane (C28)

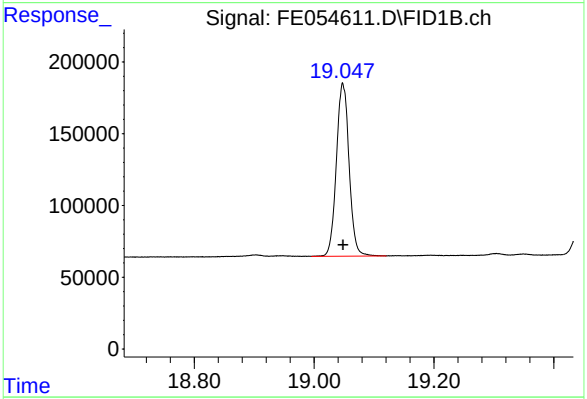
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 1542456
Conc: 10.93 ug/ml



#17 n-Tricontane (C30)

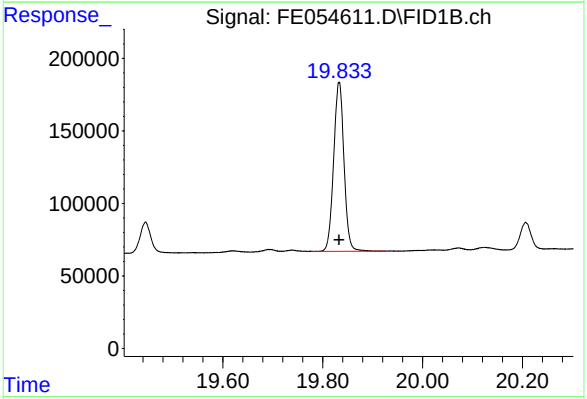
R.T.: 18.215 min
Delta R.T.: 0.000 min
Response: 1692830
Conc: 11.34 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



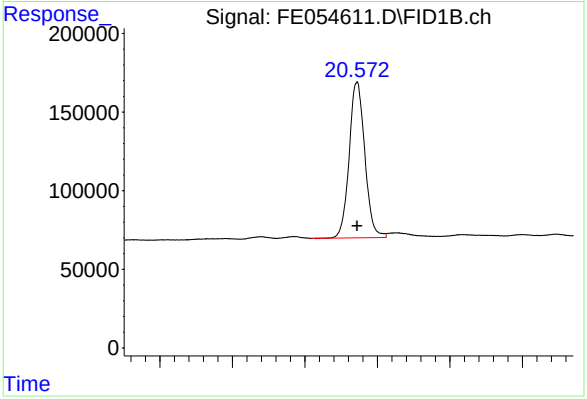
#18 n-Dotriacontane (C32)

R.T.: 19.048 min
Delta R.T.: 0.000 min
Response: 1774595
Conc: 11.81 ug/ml



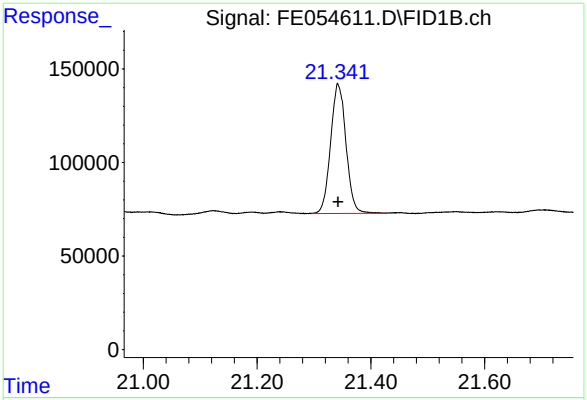
#19 n-Tetratriacontane (C34)

R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 1678325
Conc: 11.89 ug/ml



#20 n-Hexatriacontane (C36)

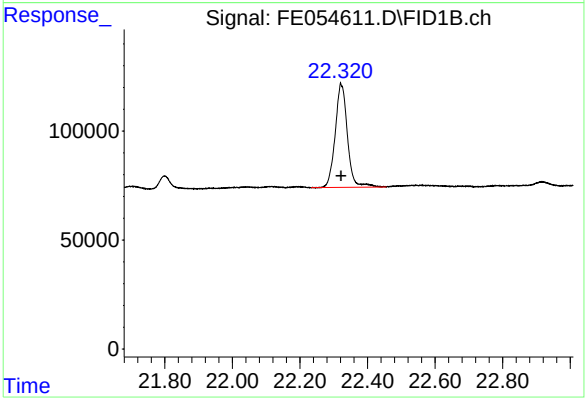
R.T.: 20.572 min
Delta R.T.: 0.000 min
Response: 1485639
Conc: 11.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.343 min
Delta R.T.: 0.000 min
Response: 1300115
Conc: 11.77 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.322 min
Delta R.T.: 0.000 min
Response: 1194943
Conc: 11.66 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054611.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:23
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	3.418	3.355	3.474	BB	147088	1430994	80.64%	4.280%
2	4.672	4.620	4.720	BB	149044	1453045	81.88%	4.346%
3	6.383	6.327	6.414	BV	173644	1612580	90.87%	4.823%
4	6.843	6.789	6.892	BB	150128	1461644	82.36%	4.372%
5	7.481	7.445	7.532	BB	161988	1563539	88.11%	4.676%
6	8.677	8.612	8.742	BB	138745	1478055	83.29%	4.421%
7	10.289	10.235	10.337	BB	146184	1515105	85.38%	4.531%
8	11.737	11.690	11.792	BB	140251	1554612	87.60%	4.650%
9	12.061	12.030	12.112	VB	160148	1724999	97.21%	5.159%
10	13.049	12.925	13.122	BB	131406	1530215	86.23%	4.577%
11	13.496	13.362	13.530	BV	109975	1337321	75.36%	4.000%
12	13.663	13.584	13.707	BB	129154	1519506	85.63%	4.545%
13	14.251	14.182	14.290	BB	125822	1512806	85.25%	4.525%
14	15.354	15.315	15.414	VB	125210	1537308	86.63%	4.598%
15	16.377	16.182	16.422	BB	119959	1534827	86.49%	4.590%
16	17.327	17.250	17.367	BB	118066	1542456	86.92%	4.613%
17	18.215	18.144	18.289	BB	120625	1692830	95.39%	5.063%
18	19.048	18.995	19.120	BB	119636	1774595	100.00%	5.308%
19	19.833	19.777	19.927	BB	116860	1678325	94.58%	5.020%
20	20.572	20.509	20.612	PV	99169	1485639	83.72%	4.443%
21	21.343	21.295	21.427	BV	69221	1300115	73.26%	3.888%
22	22.322	22.234	22.455	BV	47021	1194943	67.34%	3.574%
			Sum of corrected areas:			33435459		

Aliphatic EPH 062725.M Sat Jun 28 02:17:27 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054612.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:54
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 27 15:17:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:17:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.060	897784	5.528 ug/ml
Spiked Amount	50.000		Recovery =	11.06%
12) S	1-chlorooctadecane (S...	13.496	698976	5.535 ug/ml
Spiked Amount	50.000		Recovery =	11.07%
	Target Compounds			
1) T	n-Nonane (C9)	3.418	741733	5.514 ug/ml
2) T	n-Decane (C10)	4.672	755134	5.534 ug/ml
3) T	A~Naphthalene (C11.7)	6.383	837756	5.533 ug/ml
4) T	n-Dodecane (C12)	6.843	758434	5.528 ug/ml
5) T	A~2-methylnaphthalene...	7.481	812009	5.524 ug/ml
6) T	n-Tetradecane (C14)	8.676	778826	5.618 ug/ml
7) T	n-Hexadecane (C16)	10.289	786629	5.520 ug/ml
8) T	n-Octadecane (C18)	11.736	817448	5.578 ug/ml
10) T	n-Eicosane (C20)	13.049	799341	5.559 ug/ml
11) T	n-Heneicosane (C21)	13.662	792166	5.546 ug/ml
13) T	n-Docosane (C22)	14.250	787773	5.517 ug/ml
14) T	n-Tetracosane (C24)	15.354	807739	5.557 ug/ml
15) T	n-Hexacosane (C26)	16.377	795436	5.497 ug/ml
16) T	n-Octacosane (C28)	17.327	822169	5.641 ug/ml
17) T	n-Tricontane (C30)	18.216	953767	6.052 ug/ml
18) T	n-Dotriacontane (C32)	19.049	1039900	6.428 ug/ml
19) T	n-Tetratriacontane (C34)	19.833	987799	6.482 ug/ml
20) T	n-Hexatriacontane (C36)	20.573	858425	6.384 ug/ml
21) T	n-Octatriacontane (C38)	21.346	723114	6.166 ug/ml
22) T	n-Tetracontane (C40)	22.324	659393	6.084 ug/ml

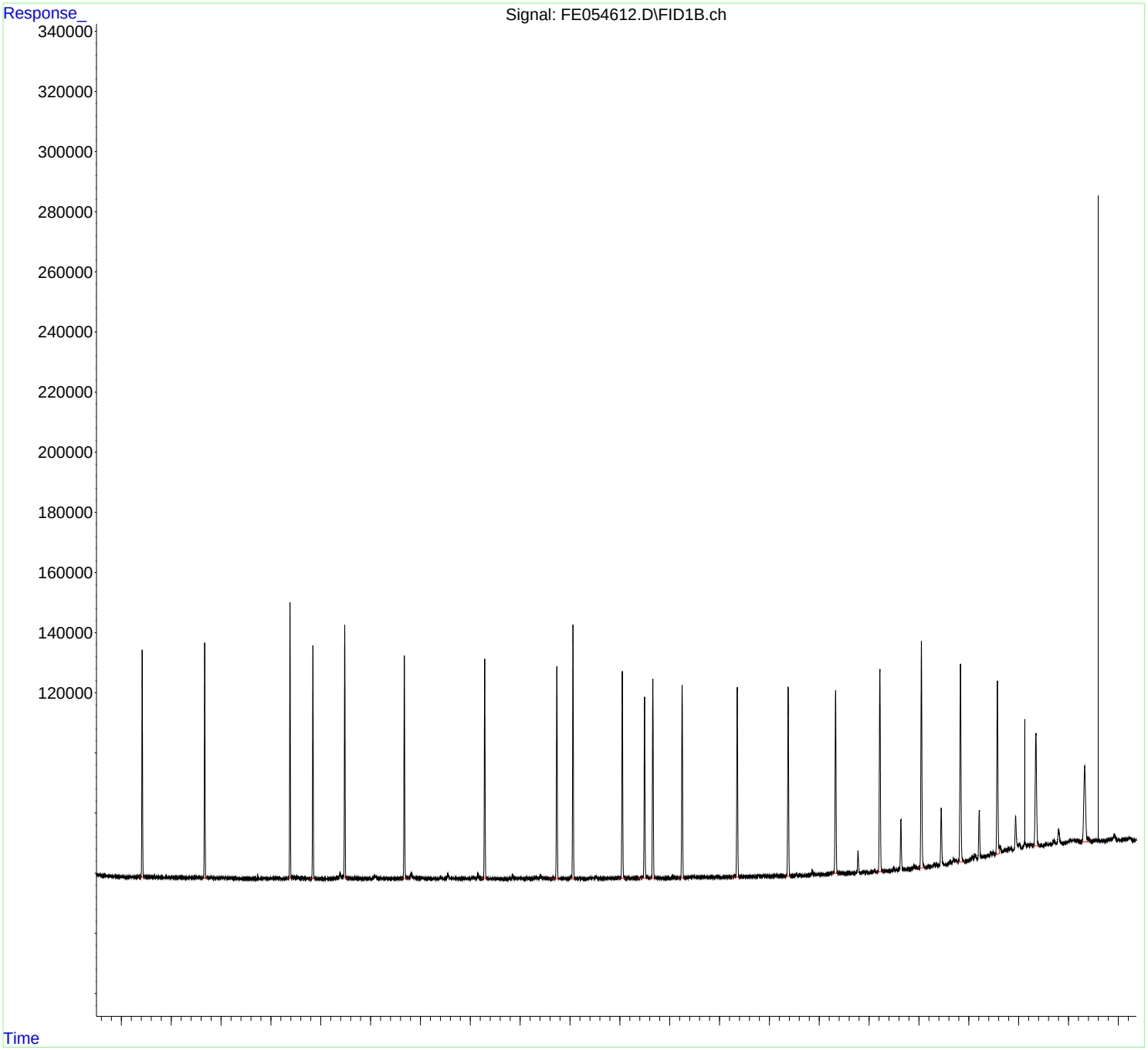
(f)=RT Delta > 1/2 Window (m)=manual int.

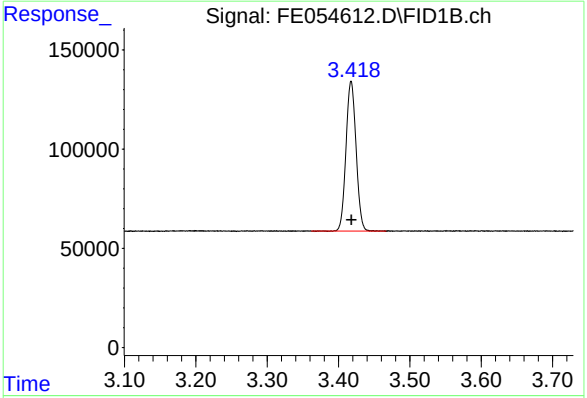
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054612.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:54
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 27 15:17:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:17:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

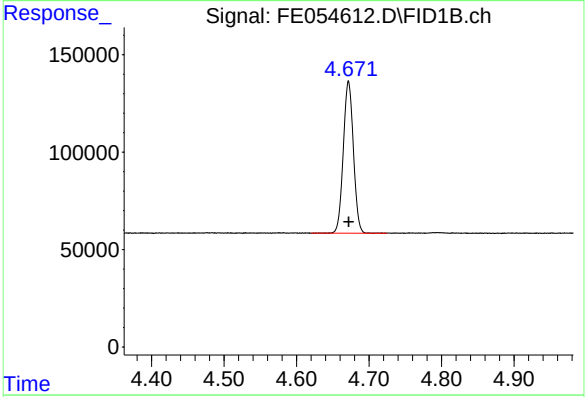




#1 n-Nonane (C9)

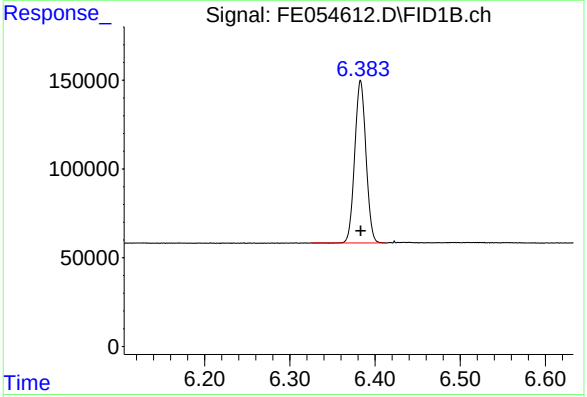
R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 741733
Conc: 5.51 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



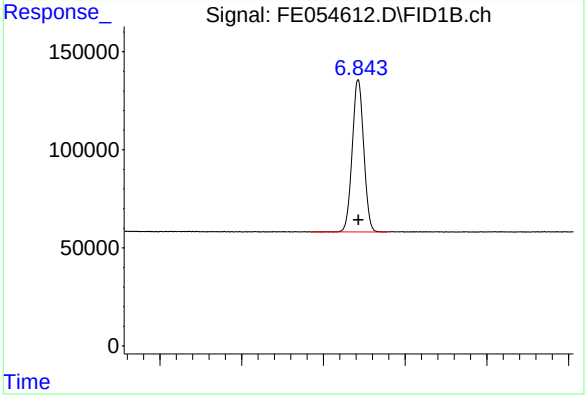
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 755134
Conc: 5.53 ug/ml



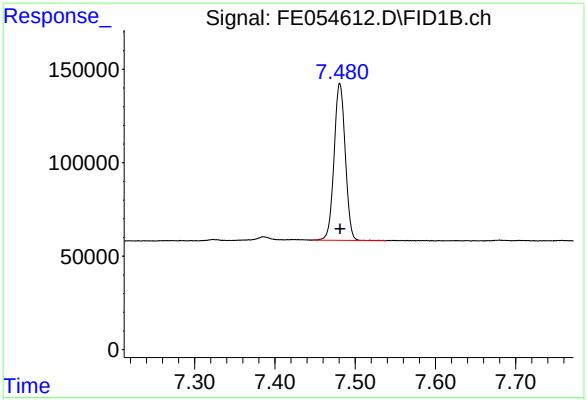
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 837756
Conc: 5.53 ug/ml



#4 n-Dodecane (C12)

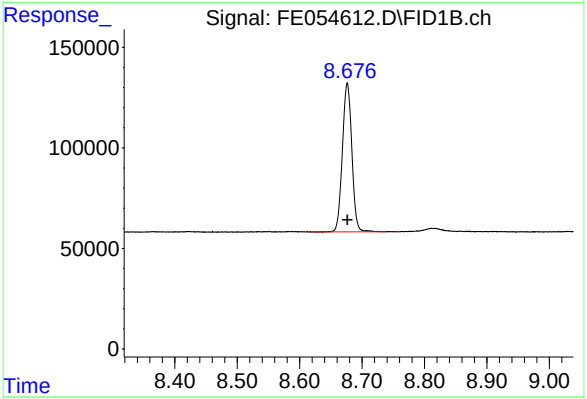
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 758434
Conc: 5.53 ug/ml



#5 A~2-methylnaphthalene (C12.89)

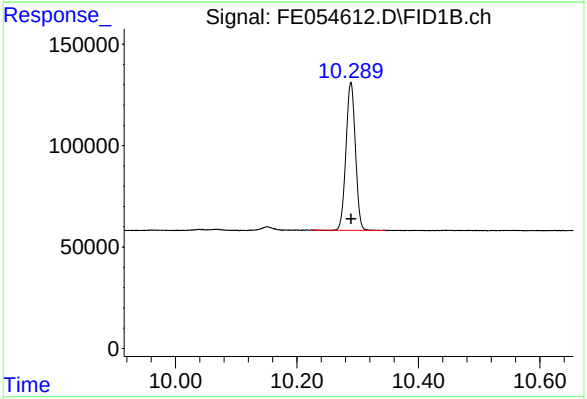
R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 812009
Conc: 5.52 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



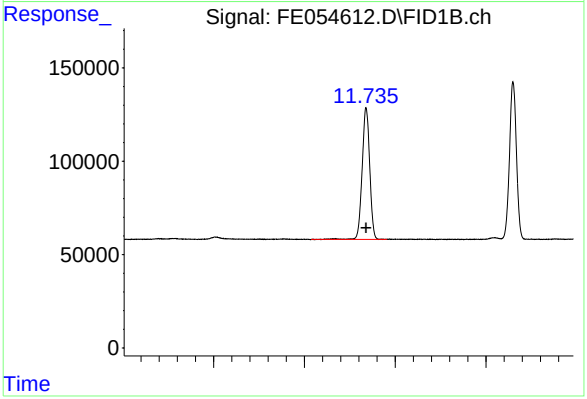
#6 n-Tetradecane (C14)

R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 778826
Conc: 5.62 ug/ml



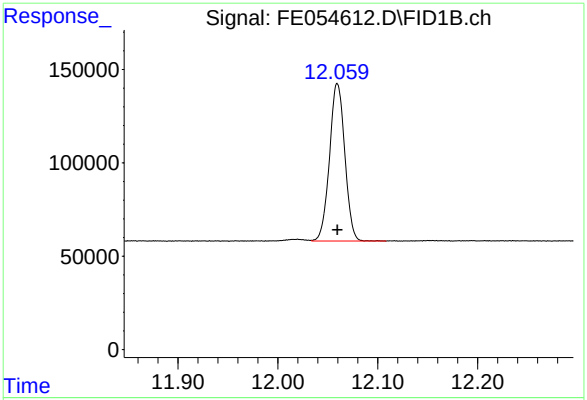
#7 n-Hexadecane (C16)

R.T.: 10.289 min
Delta R.T.: 0.000 min
Response: 786629
Conc: 5.52 ug/ml



#8 n-Octadecane (C18)

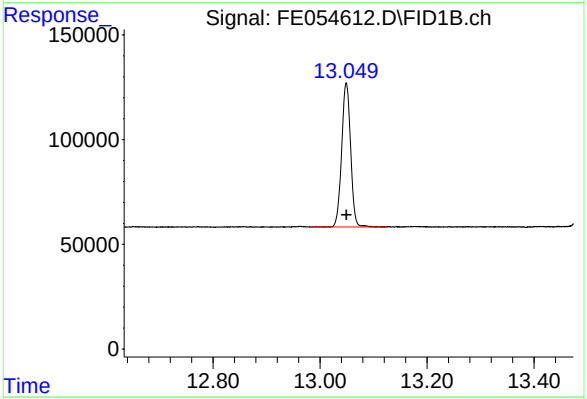
R.T.: 11.736 min
Delta R.T.: 0.000 min
Response: 817448
Conc: 5.58 ug/ml



#9 ortho-Terphenyl (SURR)

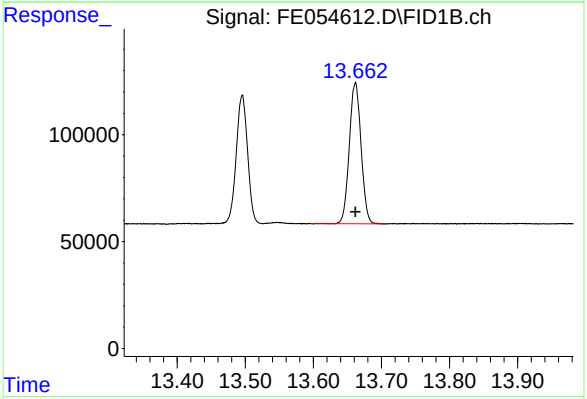
R.T.: 12.060 min
Delta R.T.: 0.000 min
Response: 897784
Conc: 5.53 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



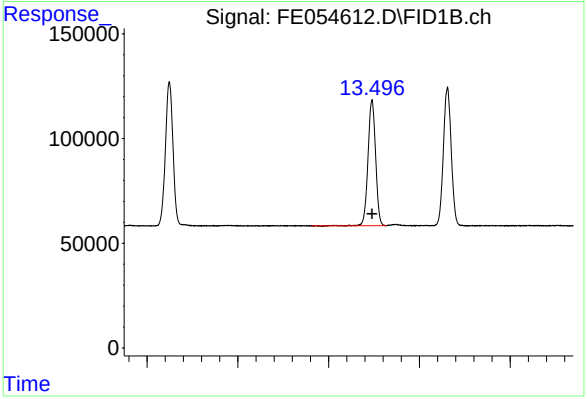
#10 n-Eicosane (C20)

R.T.: 13.049 min
Delta R.T.: 0.000 min
Response: 799341
Conc: 5.56 ug/ml



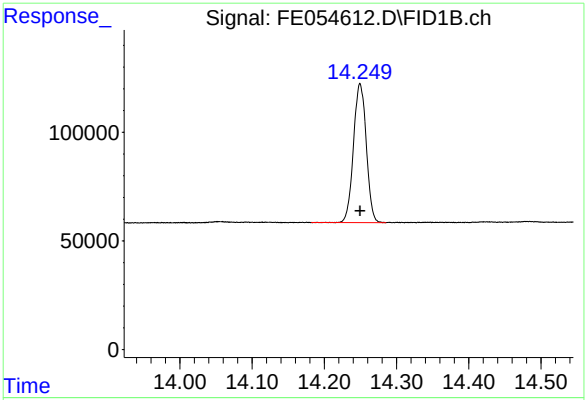
#11 n-Heneicosane (C21)

R.T.: 13.662 min
Delta R.T.: 0.000 min
Response: 792166
Conc: 5.55 ug/ml



#12 1-chlorooctadecane (SURR)

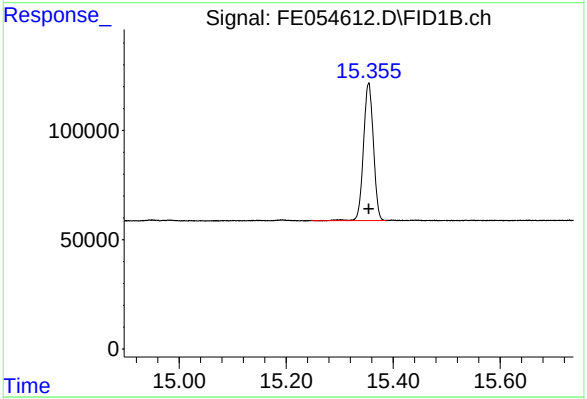
R.T.: 13.496 min
Delta R.T.: 0.000 min
Response: 698976
Conc: 5.53 ug/ml



#13 n-Docosane (C22)

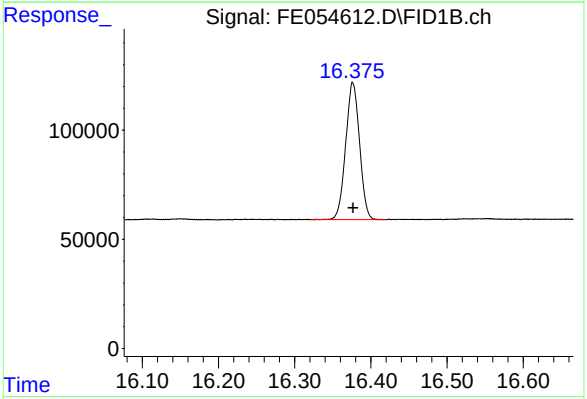
R.T.: 14.250 min
Delta R.T.: 0.000 min
Response: 787773
Conc: 5.52 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



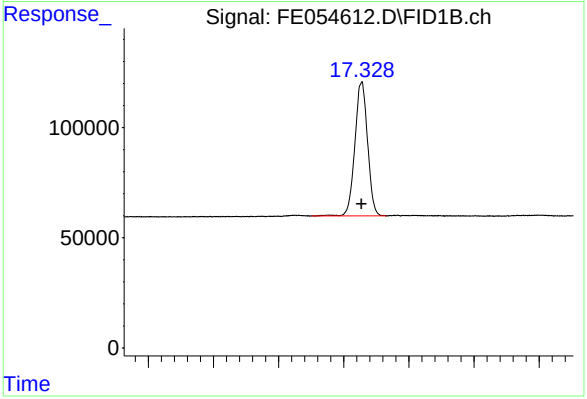
#14 n-Tetracosane (C24)

R.T.: 15.354 min
Delta R.T.: 0.000 min
Response: 807739
Conc: 5.56 ug/ml



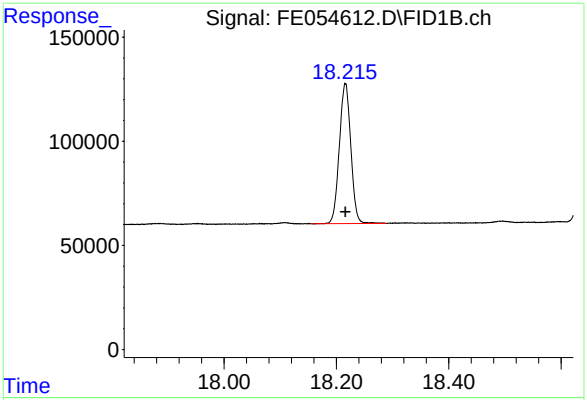
#15 n-Hexacosane (C26)

R.T.: 16.377 min
Delta R.T.: 0.000 min
Response: 795436
Conc: 5.50 ug/ml



#16 n-Octacosane (C28)

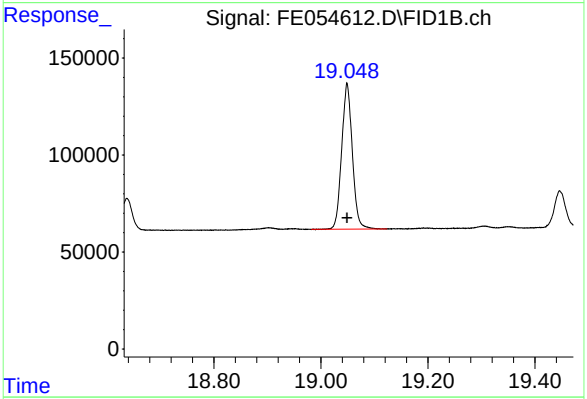
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 822169
Conc: 5.64 ug/ml



#17 n-Tricontane (C30)

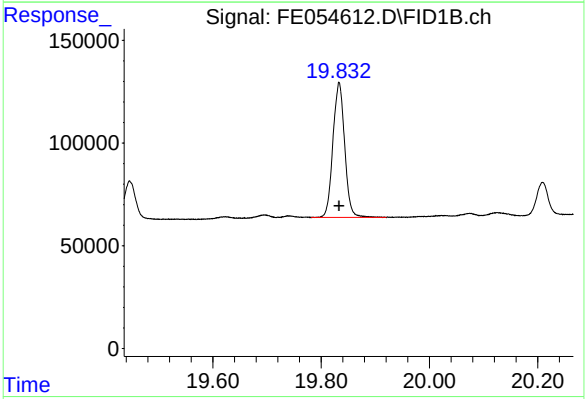
R.T.: 18.216 min
Delta R.T.: 0.000 min
Response: 953767
Conc: 6.05 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



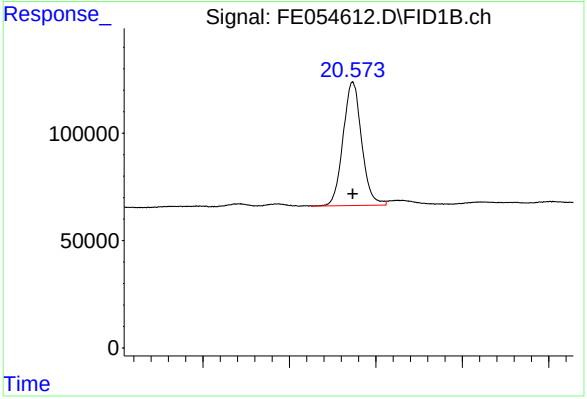
#18 n-Dotriacontane (C32)

R.T.: 19.049 min
Delta R.T.: 0.000 min
Response: 1039900
Conc: 6.43 ug/ml



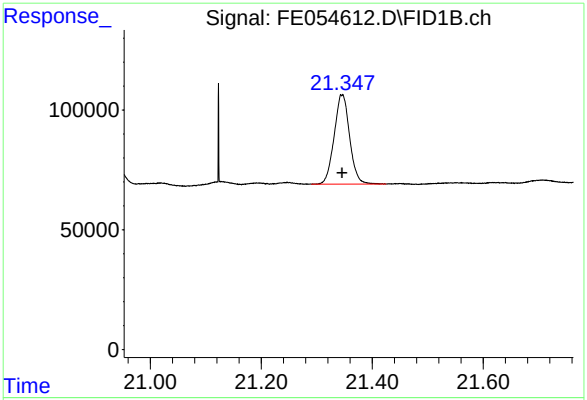
#19 n-Tetratriacontane (C34)

R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 987799
Conc: 6.48 ug/ml



#20 n-Hexatriacontane (C36)

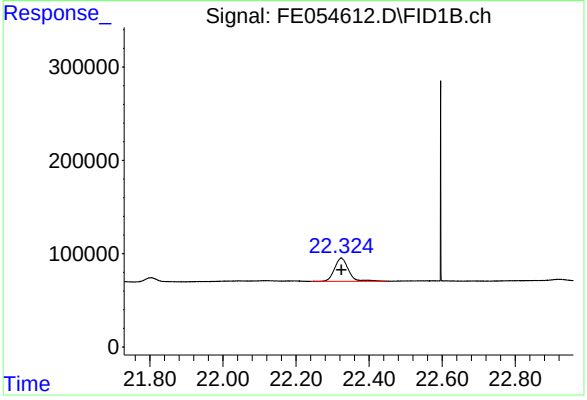
R.T.: 20.573 min
Delta R.T.: 0.000 min
Response: 858425
Conc: 6.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.:	21.346 min
Delta R.T.:	0.000 min
Response:	723114
Conc:	6.17 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.:	22.324 min
Delta R.T.:	0.000 min
Response:	659393
Conc:	6.08 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054612.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:54
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	3.418	3.362	3.467	BB	75659	741733	71.33%	4.141%
2	4.672	4.620	4.724	BB	78080	755134	72.62%	4.216%
3	6.383	6.325	6.413	BV	91458	837756	80.56%	4.677%
4	6.843	6.785	6.877	BB	77709	758434	72.93%	4.234%
5	7.481	7.445	7.539	BB	84102	812009	78.09%	4.533%
6	8.676	8.619	8.739	BB	74055	778826	74.89%	4.348%
7	10.289	10.224	10.347	BB	72696	786629	75.64%	4.392%
8	11.736	11.615	11.780	BB	70291	817448	78.61%	4.564%
9	12.060	12.034	12.109	VB	84124	897784	86.33%	5.012%
10	13.049	12.984	13.124	BB	68773	799341	76.87%	4.463%
11	13.496	13.362	13.527	BV	60057	698976	67.22%	3.902%
12	13.662	13.597	13.707	BB	66059	792166	76.18%	4.423%
13	14.250	14.182	14.286	BB	63846	787773	75.75%	4.398%
14	15.354	15.247	15.387	BB	62760	807739	77.67%	4.510%
15	16.377	16.322	16.420	BB	62461	795436	76.49%	4.441%
16	17.327	17.250	17.365	BV	60423	822169	79.06%	4.590%
17	18.216	18.155	18.289	BB	67529	953767	91.72%	5.325%
18	19.049	18.982	19.122	BB	75345	1039900	100.00%	5.806%
19	19.833	19.782	19.920	BB	65849	987799	94.99%	5.515%
20	20.573	20.525	20.612	BV	57615	858425	82.55%	4.793%
21	21.346	21.290	21.425	BB	36950	723114	69.54%	4.037%
22	22.324	22.242	22.447	BB	25113	659393	63.41%	3.681%
			Sum of corrected areas:			17911749		

Aliphatic EPH 062725.M Sat Jun 28 02:18:58 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054613.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 15:24
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jun 27 15:48:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.062	3028688	18.650 ug/ml
Spiked Amount	50.000		Recovery =	37.30%
12) S	1-chlorooctadecane (S...	13.498	2342450	18.548 ug/ml
Spiked Amount	50.000		Recovery =	37.10%
	Target Compounds			
1) T	n-Nonane (C9)	3.418	2502645	18.606 ug/ml
2) T	n-Decane (C10)	4.672	2544484	18.648 ug/ml
3) T	A~Naphthalene (C11.7)	6.384	2820974	18.631 ug/ml
4) T	n-Dodecane (C12)	6.844	2560893	18.664 ug/ml
5) T	A~2-methylnaphthalene...	7.482	2750056	18.707 ug/ml
6) T	n-Tetradecane (C14)	8.677	2581289	18.620 ug/ml
7) T	n-Hexadecane (C16)	10.290	2662158	18.680 ug/ml
8) T	n-Octadecane (C18)	11.738	2731350	18.637 ug/ml
10) T	n-Eicosane (C20)	13.051	2682264	18.654 ug/ml
11) T	n-Heneicosane (C21)	13.664	2655754	18.593 ug/ml
13) T	n-Docosane (C22)	14.252	2663243	18.652 ug/ml
14) T	n-Tetracosane (C24)	15.355	2701405	18.584 ug/ml
15) T	n-Hexacosane (C26)	16.379	2682582	18.537 ug/ml
16) T	n-Octacosane (C28)	17.329	2682634	18.407 ug/ml
17) T	n-Tricontane (C30)	18.218	2884214	18.303 ug/ml
18) T	n-Dotriacontane (C32)	19.051	2934528	18.138 ug/ml
19) T	n-Tetratriacontane (C34)	19.835	2788021	18.295 ug/ml
20) T	n-Hexatriacontane (C36)	20.575	2448198	18.208 ug/ml
21) T	n-Octatriacontane (C38)	21.348	2149052	18.324 ug/ml
22) T	n-Tetracontane (C40)	22.329	1970334	18.179 ug/ml

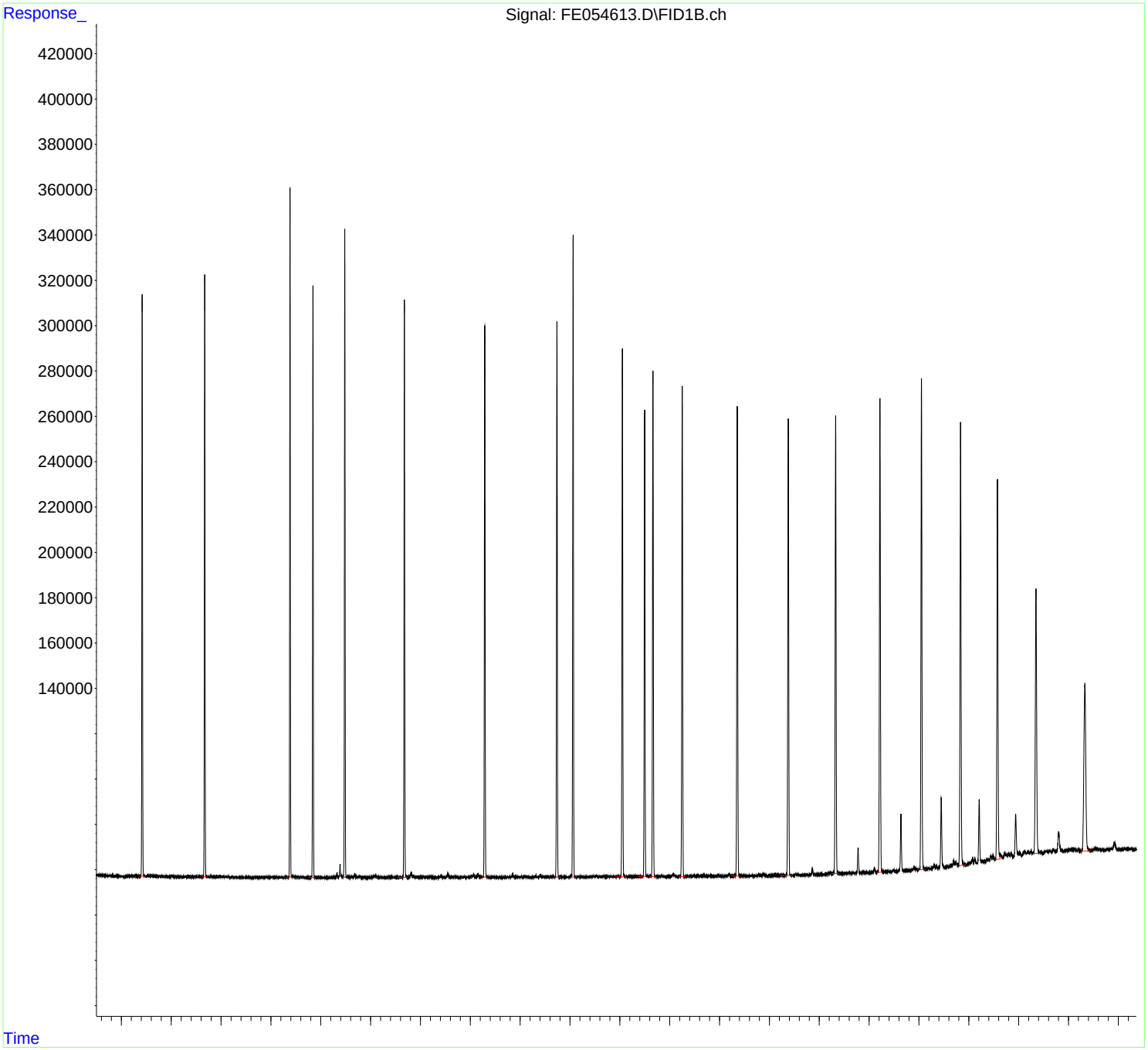
(f)=RT Delta > 1/2 Window (m)=manual int.

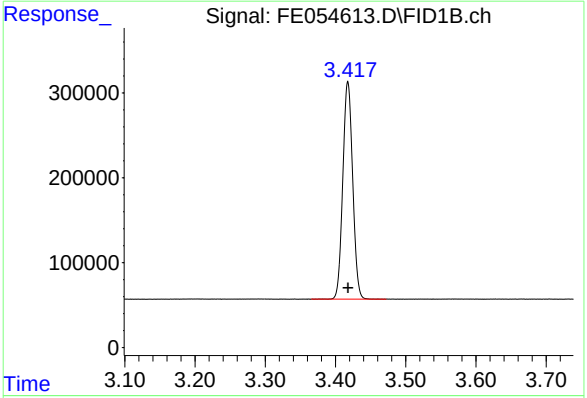
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054613.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 15:24
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jun 27 15:48:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

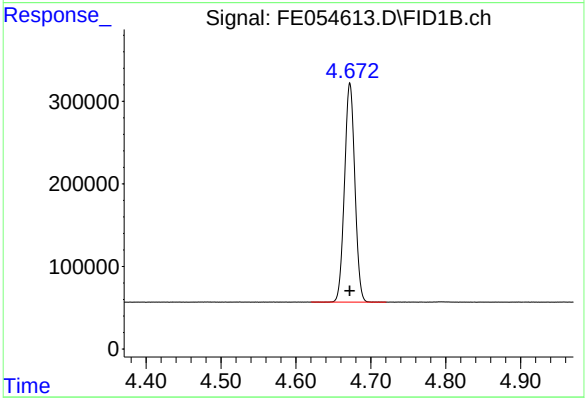




#1 n-Nonane (C9)

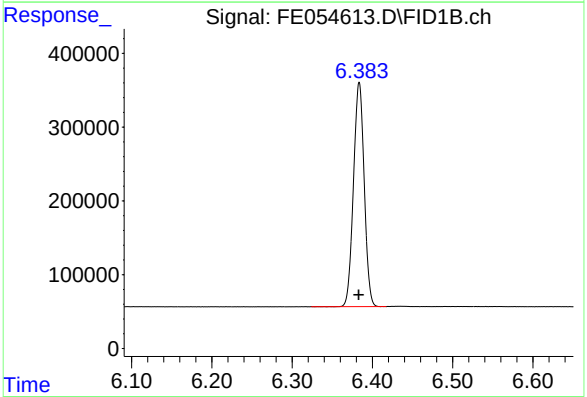
R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 2502645
Conc: 18.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



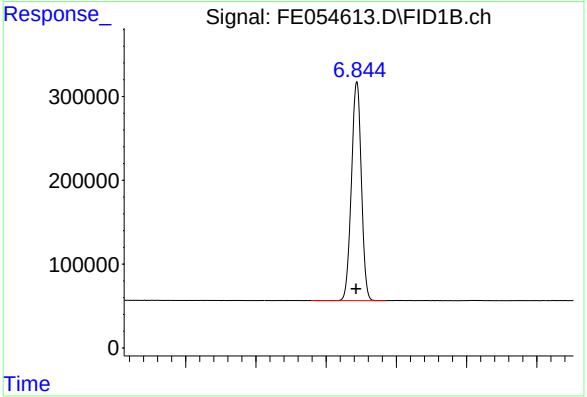
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2544484
Conc: 18.65 ug/ml



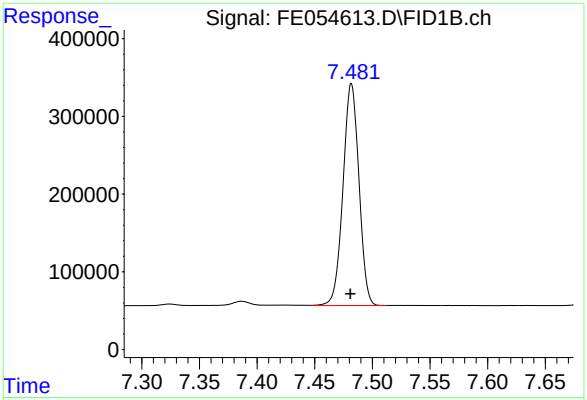
#3 A~Naphthalene (C11.7)

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 2820974
Conc: 18.63 ug/ml



#4 n-Dodecane (C12)

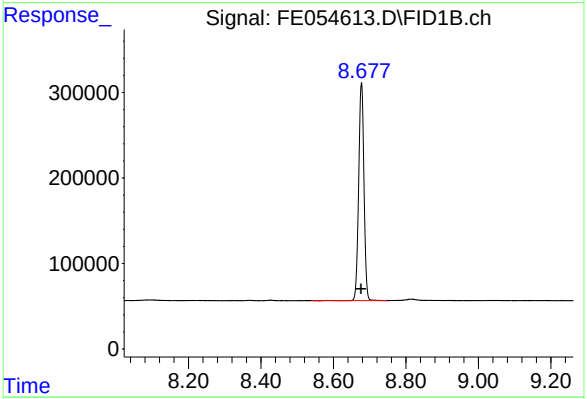
R.T.: 6.844 min
Delta R.T.: 0.001 min
Response: 2560893
Conc: 18.66 ug/ml



#5 A~2-methylnaphthalene (C12.89)

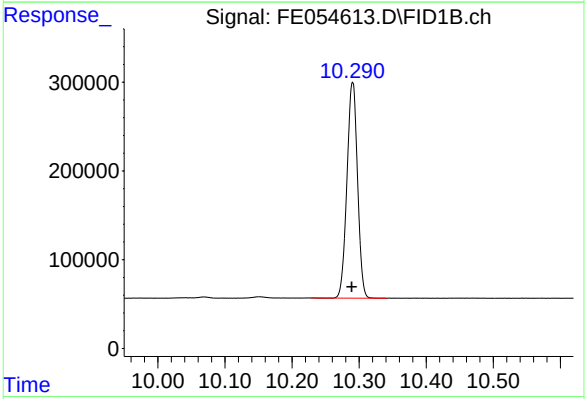
R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 2750056
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



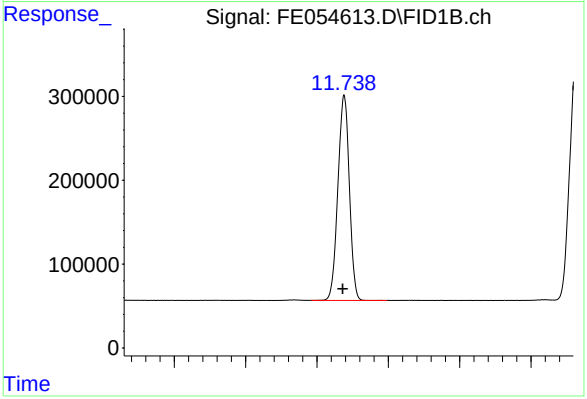
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2581289
Conc: 18.62 ug/ml



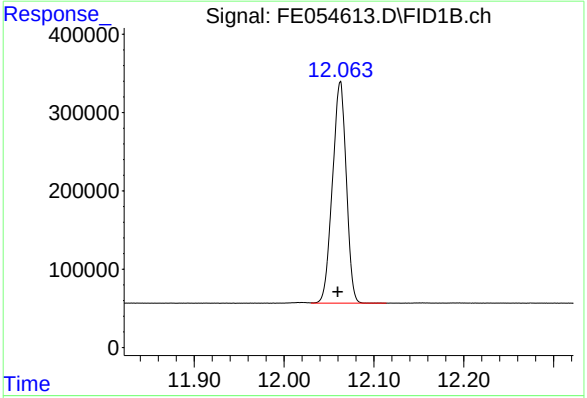
#7 n-Hexadecane (C16)

R.T.: 10.290 min
Delta R.T.: 0.001 min
Response: 2662158
Conc: 18.68 ug/ml



#8 n-Octadecane (C18)

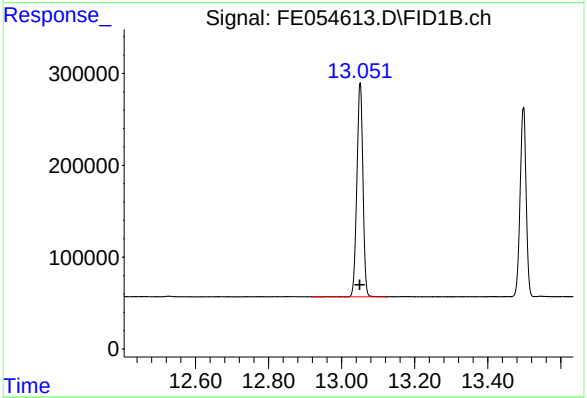
R.T.: 11.738 min
Delta R.T.: 0.002 min
Response: 2731350
Conc: 18.64 ug/ml



#9 ortho-Terphenyl (SURR)

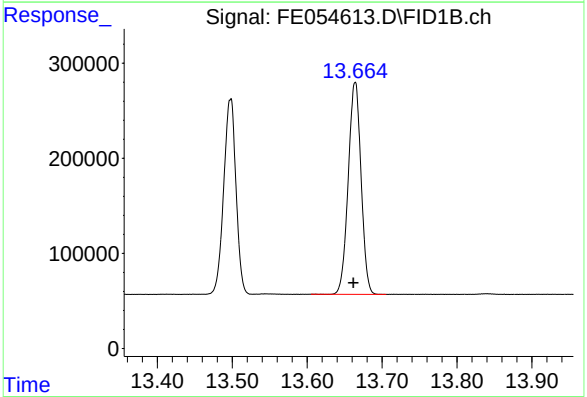
R.T.: 12.062 min
Delta R.T.: 0.003 min
Response: 3028688
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



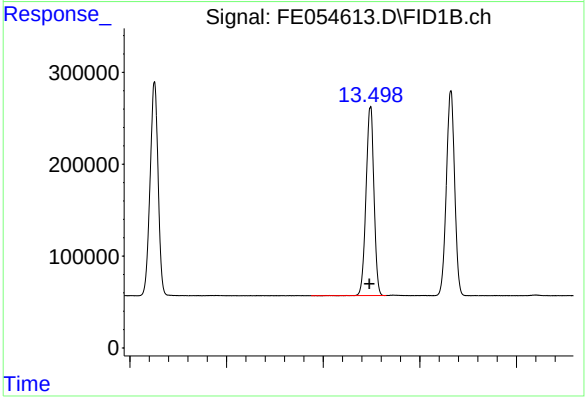
#10 n-Eicosane (C20)

R.T.: 13.051 min
Delta R.T.: 0.002 min
Response: 2682264
Conc: 18.65 ug/ml



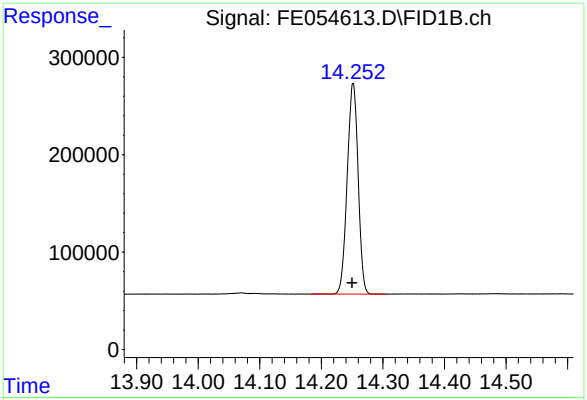
#11 n-Heneicosane (C21)

R.T.: 13.664 min
Delta R.T.: 0.002 min
Response: 2655754
Conc: 18.59 ug/ml



#12 1-chlorooctadecane (SURR)

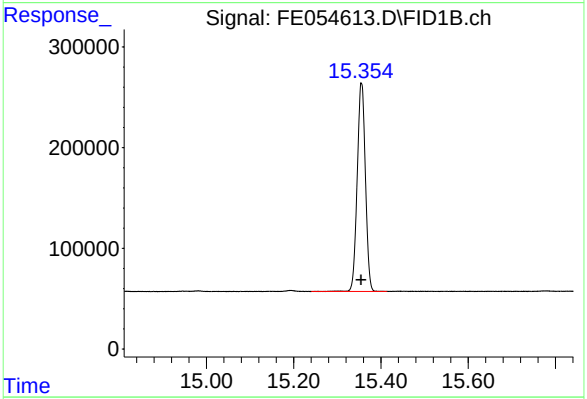
R.T.: 13.498 min
Delta R.T.: 0.002 min
Response: 2342450
Conc: 18.55 ug/ml



#13 n-Docosane (C22)

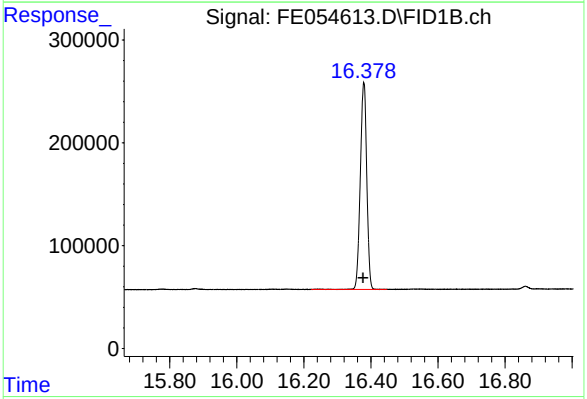
R.T.: 14.252 min
Delta R.T.: 0.002 min
Response: 2663243
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



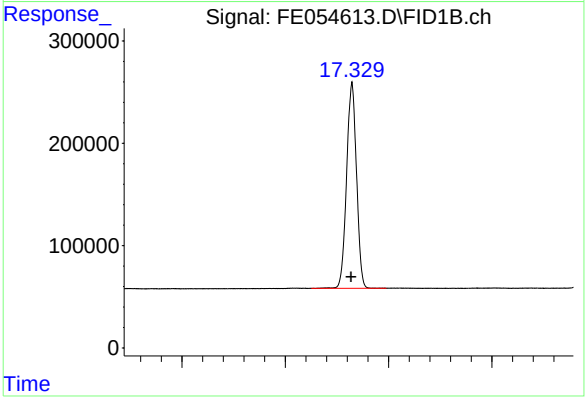
#14 n-Tetracosane (C24)

R.T.: 15.355 min
Delta R.T.: 0.001 min
Response: 2701405
Conc: 18.58 ug/ml



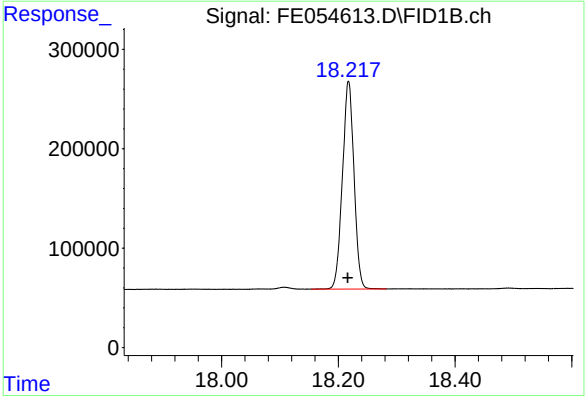
#15 n-Hexacosane (C26)

R.T.: 16.379 min
Delta R.T.: 0.002 min
Response: 2682582
Conc: 18.54 ug/ml



#16 n-Octacosane (C28)

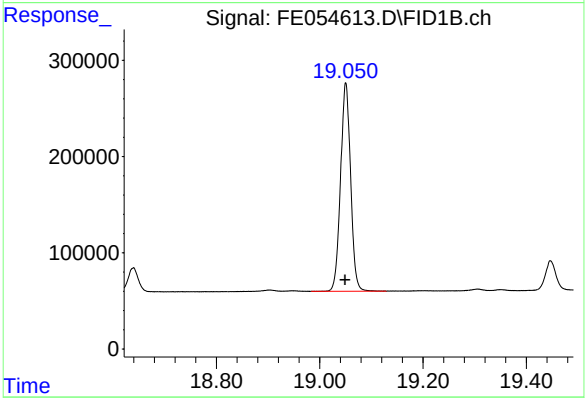
R.T.: 17.329 min
Delta R.T.: 0.002 min
Response: 2682634
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

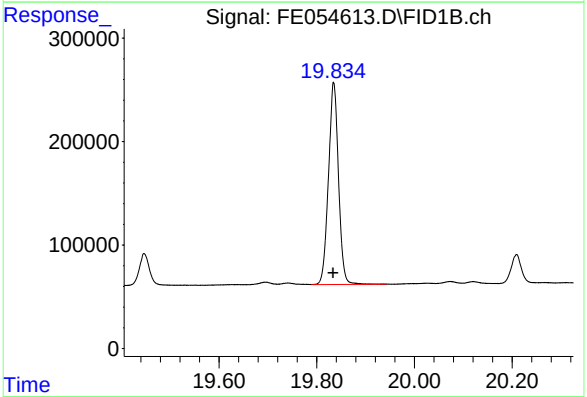
R.T.: 18.218 min
Delta R.T.: 0.002 min
Response: 2884214
Conc: 18.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



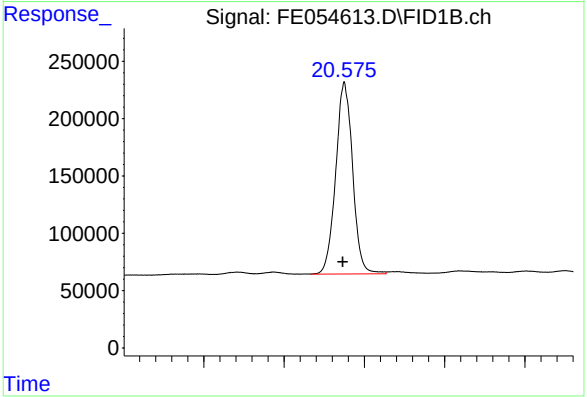
#18 n-Dotriacontane (C32)

R.T.: 19.051 min
Delta R.T.: 0.002 min
Response: 2934528
Conc: 18.14 ug/ml



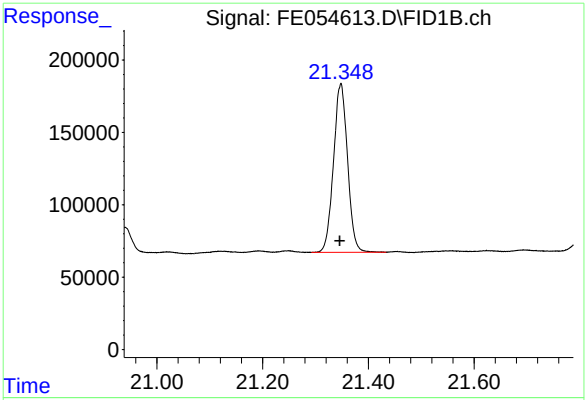
#19 n-Tetratriacontane (C34)

R.T.: 19.835 min
Delta R.T.: 0.002 min
Response: 2788021
Conc: 18.30 ug/ml



#20 n-Hexatriacontane (C36)

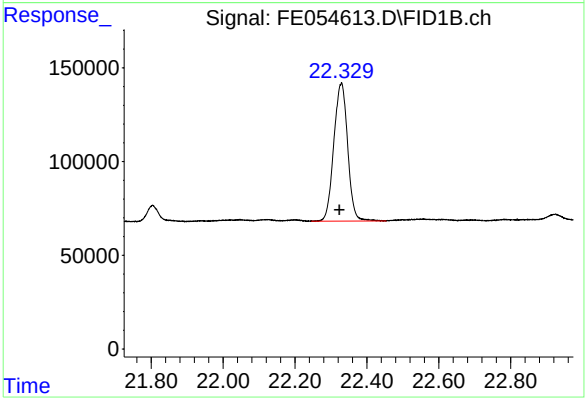
R.T.: 20.575 min
Delta R.T.: 0.002 min
Response: 2448198
Conc: 18.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.348 min
Delta R.T.: 0.002 min
Response: 2149052
Conc: 18.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.329 min
Delta R.T.: 0.005 min
Response: 1970334
Conc: 18.18 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054613.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 15:24
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	3.418	3.365	3.472	BB	256328	2502645	82.63%	4.332%
2	4.672	4.620	4.720	BB	265371	2544484	84.01%	4.405%
3	6.384	6.324	6.417	BV	304777	2820974	93.14%	4.883%
4	6.844	6.779	6.885	BB	261391	2560893	84.55%	4.433%
5	7.482	7.447	7.512	VB	285575	2750056	90.80%	4.761%
6	8.677	8.539	8.745	BB	254086	2581289	85.23%	4.468%
7	10.290	10.229	10.340	BB	243419	2662158	87.90%	4.608%
8	11.738	11.692	11.797	VB	244915	2731350	90.18%	4.728%
9	12.062	12.030	12.114	VB	282454	3028688	100.00%	5.243%
10	13.051	12.917	13.122	BB	233017	2682264	88.56%	4.643%
11	13.498	13.375	13.530	BV	205276	2342450	77.34%	4.055%
12	13.664	13.605	13.705	BB	223180	2655754	87.69%	4.597%
13	14.252	14.184	14.305	BB	216501	2663243	87.93%	4.610%
14	15.356	15.240	15.412	BB	206574	2701405	89.19%	4.676%
15	16.379	16.222	16.445	BB	201653	2682582	88.57%	4.644%
16	17.329	17.250	17.395	BB	201121	2682634	88.57%	4.644%
17	18.218	18.154	18.282	BB	209402	2884214	95.23%	4.993%
18	19.051	18.984	19.129	BB	216846	2934528	96.89%	5.080%
19	19.835	19.789	19.942	VB	194869	2788021	92.05%	4.826%
20	20.575	20.534	20.627	BV	167522	2448198	80.83%	4.238%
21	21.348	21.292	21.434	BV	116202	2149052	70.96%	3.720%
22	22.329	22.245	22.454	BV	73515	1970334	65.06%	3.411%
			Sum of corrected areas:			57767217		

Aliphatic EPH 062725.M Sat Jun 28 02:19:40 2025

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

Continuing Calibration Report for SequenceID : FE071825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054920.D**						
Aliphatic C9-C12	7501662.000	60.000	3.330	6.963	125027.700	136055.079	8.105
Aliphatic C12-C16	5502759.000	40.000	6.964	10.415	137568.975	140568.128	2.134
Aliphatic C16-C21	8190270.000	60.000	10.416	13.793	136504.500	144393.643	5.464
Aliphatic C21-C28	10729802.000	80.000	13.794	17.463	134122.525	144651.717	7.279
Aliphatic C28-C40	15968693.000	120.000	17.464	22.490	133072.442	138647.492	4.021
Aliphatic EPH	47893186.000	360.000	3.330	22.490	133036.628	140720.791	5.461

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:	18 Jul 2025 11:26
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054920.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.330	6.963	7501662.000	60.000	ug/ml
Aliphatic C12-C16	6.964	10.415	5502759.000	40.000	ug/ml
Aliphatic C16-C21	10.416	13.793	8190270.000	60.000	ug/ml
Aliphatic C21-C28	13.794	17.463	10729802.000	80.000	ug/ml
Aliphatic C28-C40	17.464	22.490	15968693.000	120.000	ug/ml
Aliphatic EPH	3.330	22.490	47893186.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054920.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 11:26
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 18 23:09:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	12.091	3063506	18.865 ug/ml
	Spiked Amount 50.000		Recovery =	37.73%
12)	S 1-chlorooctadecane (S...	13.527	2335432	18.492 ug/ml
	Spiked Amount 50.000		Recovery =	36.98%
	Target Compounds			
1)	T n-Nonane (C9)	3.430	2336727	17.372 ug/ml
2)	T n-Decane (C10)	4.688	2531518	18.553 ug/ml
3)	T A~Naphthalene (C11.7)	6.407	2881606	19.031 ug/ml
4)	T n-Dodecane (C12)	6.863	2633417	19.193 ug/ml
5)	T A~2-methylnaphthalene...	7.508	2838372	19.308 ug/ml
6)	T n-Tetradecane (C14)	8.700	2685117	19.369 ug/ml
7)	T n-Hexadecane (C16)	10.315	2817642	19.772 ug/ml
8)	T n-Octadecane (C18)	11.764	2836464	19.354 ug/ml
10)	T n-Eicosane (C20)	13.079	2707684	18.830 ug/ml
11)	T n-Heneicosane (C21)	13.693	2646122	18.526 ug/ml
13)	T n-Docosane (C22)	14.281	2647208	18.539 ug/ml
14)	T n-Tetracosane (C24)	15.387	2681434	18.446 ug/ml
15)	T n-Hexacosane (C26)	16.411	2679892	18.518 ug/ml
16)	T n-Octacosane (C28)	17.363	2721268	18.672 ug/ml
17)	T n-Tricontane (C30)	18.253	2938784	18.649 ug/ml
18)	T n-Dotriacontane (C32)	19.087	3004190	18.569 ug/ml
19)	T n-Tetratriacontane (C34)	19.873	2794242	18.336 ug/ml
20)	T n-Hexatriacontane (C36)	20.615	2506357	18.641 ug/ml
21)	T n-Octatriacontane (C38)	21.395	2424730	20.674 ug/ml
22)	T n-Tetracontane (C40)	22.390	2300390	21.224 ug/ml

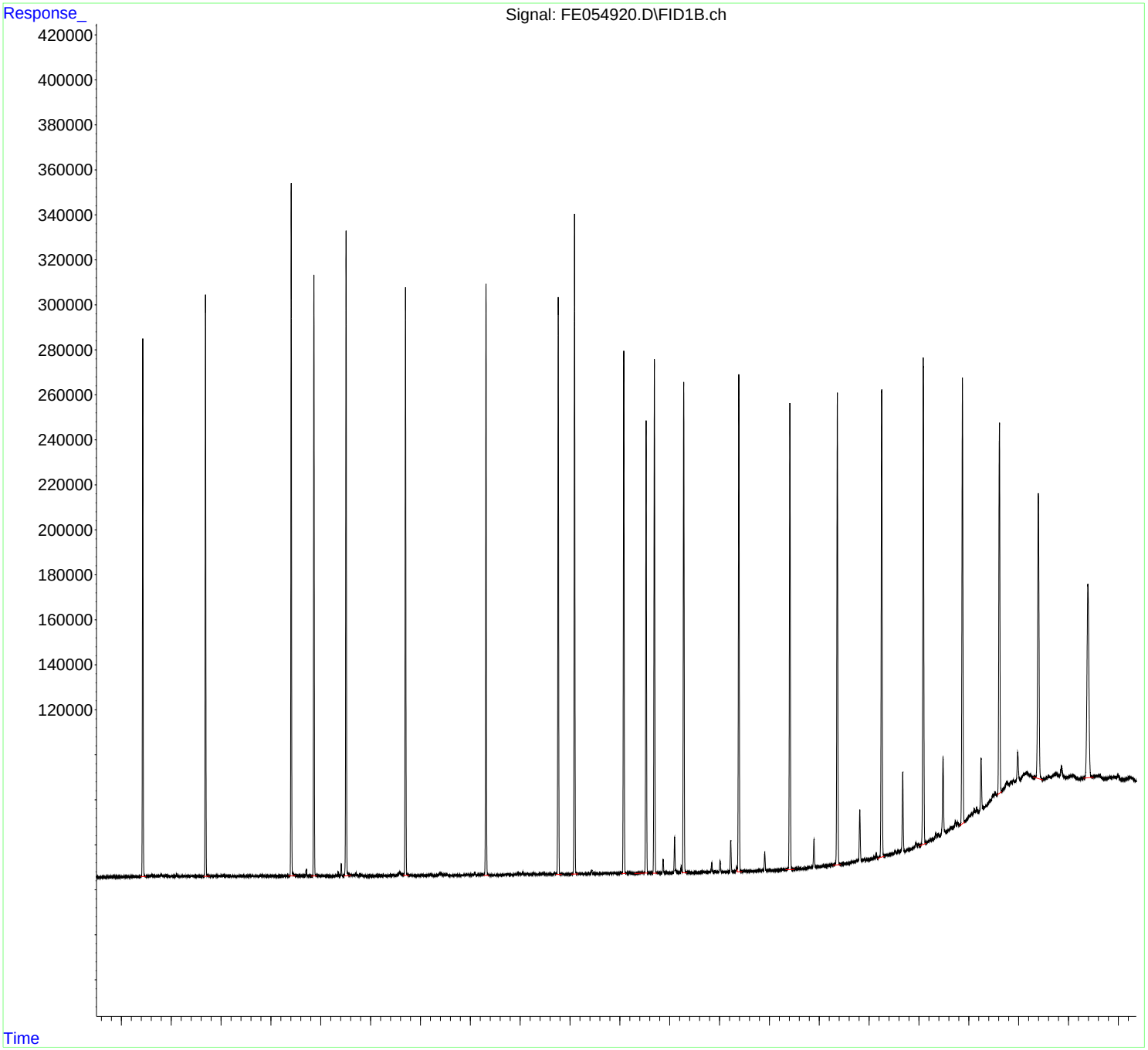
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054920.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 11:26
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 18 23:09:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054920.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 11:26
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	3.430	3.384	3.494	BB	238851	2336727	76.28%	3.960%
2	4.688	4.652	4.760	BB	258676	2531518	82.63%	4.290%
3	6.407	6.354	6.490	BB	307629	2881606	94.06%	4.883%
4	6.863	6.809	6.919	BB	267026	2633417	85.96%	4.463%
5	7.508	7.460	7.607	BB	287493	2838372	92.65%	4.810%
6	8.700	8.660	8.769	BB	261590	2685117	87.65%	4.550%
7	10.315	10.270	10.372	VB	262697	2817642	91.97%	4.775%
8	11.764	11.715	11.820	PB	256550	2836464	92.59%	4.807%
9	12.091	12.029	12.150	BV	293508	3063506	100.00%	5.191%
10	13.079	13.045	13.122	BB	231768	2707684	88.39%	4.588%
11	13.527	13.295	13.559	BB	200915	2335432	76.23%	3.958%
12	13.693	13.654	13.747	PB	228492	2646122	86.38%	4.484%
13	14.281	14.250	14.347	VB	216613	2647208	86.41%	4.486%
14	15.387	15.355	15.452	VB	218405	2681434	87.53%	4.544%
15	16.411	16.324	16.489	BB	206841	2679892	87.48%	4.541%
16	17.363	17.275	17.420	BV	209476	2721268	88.83%	4.611%
17	18.253	18.169	18.305	PV	207621	2938784	95.93%	4.980%
18	19.087	19.010	19.147	PV	212499	3004190	98.06%	5.091%
19	19.873	19.819	19.912	PV	197722	2794242	91.21%	4.735%
20	20.615	20.570	20.657	BV	164113	2506357	81.81%	4.247%
21	21.395	21.294	21.485	BV	125805	2424730	79.15%	4.109%
22	22.390	22.300	22.499	BBA	85191	2300390	75.09%	3.898%
			Sum of corrected areas:			59012102		

Aliphatic EPH 062725.M Fri Jul 18 23:35:08 2025

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

Continuing Calibration Report for SequenceID : FE071825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054933.D**						
Aliphatic C9-C12	7453471.000	60.000	3.330	6.963	124224.517	136055.079	8.695
Aliphatic C12-C16	5522907.000	40.000	6.964	10.415	138072.675	140568.128	1.775
Aliphatic C16-C21	8190143.000	60.000	10.416	13.793	136502.383	144393.643	5.465
Aliphatic C21-C28	10697447.000	80.000	13.794	17.463	133718.088	144651.717	7.559
Aliphatic C28-C40	16027523.000	120.000	17.464	22.490	133562.692	138647.492	3.667
Aliphatic EPH	47891491.000	360.000	3.330	22.490	133031.919	140720.791	5.464

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:	18 Jul 2025 18:58
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054933.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.330	6.963	7453471.000	60.000	ug/ml
Aliphatic C12-C16	6.964	10.415	5522907.000	40.000	ug/ml
Aliphatic C16-C21	10.416	13.793	8190143.000	60.000	ug/ml
Aliphatic C21-C28	13.794	17.463	10697447.000	80.000	ug/ml
Aliphatic C28-C40	17.464	22.490	16027523.000	120.000	ug/ml
Aliphatic EPH	3.330	22.490	47891491.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054933.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 18:58
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 18 23:12:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.085	3066819	18.885 ug/ml
Spiked Amount	50.000		Recovery =	37.77%
12) S	1-chlorooctadecane (S...	13.520	2327887	18.432 ug/ml
Spiked Amount	50.000		Recovery =	36.86%
	Target Compounds			
1) T	n-Nonane (C9)	3.425	2323088	17.271 ug/ml
2) T	n-Decane (C10)	4.683	2510509	18.399 ug/ml
3) T	A~Naphthalene (C11.7)	6.402	2884755	19.052 ug/ml
4) T	n-Dodecane (C12)	6.858	2619874	19.094 ug/ml
5) T	A~2-methylnaphthalene...	7.502	2852252	19.403 ug/ml
6) T	n-Tetradecane (C14)	8.695	2707647	19.532 ug/ml
7) T	n-Hexadecane (C16)	10.309	2815260	19.755 ug/ml
8) T	n-Octadecane (C18)	11.759	2839386	19.374 ug/ml
10) T	n-Eicosane (C20)	13.073	2709816	18.845 ug/ml
11) T	n-Heneicosane (C21)	13.687	2640941	18.490 ug/ml
13) T	n-Docosane (C22)	14.275	2640369	18.491 ug/ml
14) T	n-Tetracosane (C24)	15.381	2673359	18.391 ug/ml
15) T	n-Hexacosane (C26)	16.404	2666911	18.429 ug/ml
16) T	n-Octacosane (C28)	17.355	2716808	18.642 ug/ml
17) T	n-Tricontane (C30)	18.245	2953101	18.740 ug/ml
18) T	n-Dotriacontane (C32)	19.080	3027679	18.714 ug/ml
19) T	n-Tetratriacontane (C34)	19.866	2830289	18.573 ug/ml
20) T	n-Hexatriacontane (C36)	20.606	2533497	18.843 ug/ml
21) T	n-Octatriacontane (C38)	21.386	2396832	20.436 ug/ml
22) T	n-Tetracontane (C40)	22.380	2286125	21.093 ug/ml

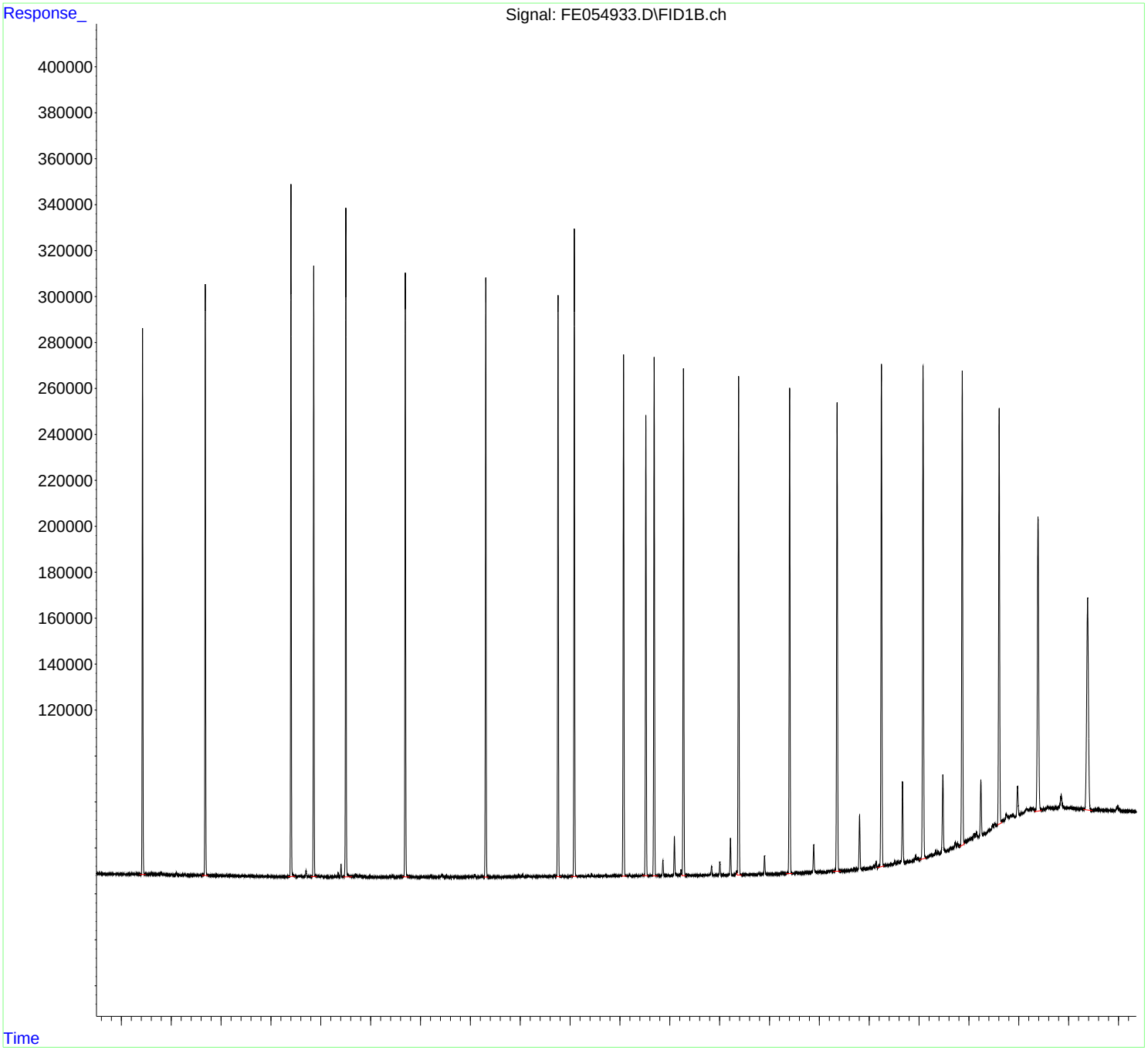
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054933.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 18:58
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 18 23:12:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054933.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 18:58
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	3.425	3.367	3.487	BB	237876	2323088	75.75%	3.936%
2	4.683	4.620	4.737	BB	257857	2510509	81.86%	4.253%
3	6.402	6.342	6.487	BB	301486	2884755	94.06%	4.887%
4	6.858	6.802	6.917	BB	266411	2619874	85.43%	4.439%
5	7.502	7.452	7.615	BB	290844	2852252	93.00%	4.832%
6	8.695	8.639	8.774	BB	263243	2707647	88.29%	4.587%
7	10.309	10.267	10.357	BB	259347	2815260	91.80%	4.770%
8	11.759	11.720	11.815	BB	252084	2839386	92.58%	4.811%
9	12.085	12.017	12.140	BB	281843	3066819	100.00%	5.196%
10	13.073	13.037	13.134	PB	226712	2709816	88.36%	4.591%
11	13.520	13.455	13.564	BB	200244	2327887	75.91%	3.944%
12	13.687	13.652	13.749	PB	225448	2640941	86.11%	4.474%
13	14.275	14.244	14.324	VB	220219	2640369	86.09%	4.473%
14	15.381	15.349	15.442	VB	216622	2673359	87.17%	4.529%
15	16.404	16.332	16.457	BB	211587	2666911	86.96%	4.518%
16	17.355	17.275	17.427	BB	203752	2716808	88.59%	4.603%
17	18.245	18.164	18.302	PV	218977	2953101	96.29%	5.003%
18	19.080	19.009	19.137	BV	212384	3027679	98.72%	5.130%
19	19.866	19.817	19.902	BV	206295	2830289	92.29%	4.795%
20	20.606	20.570	20.652	BV	181325	2533497	82.61%	4.292%
21	21.386	21.327	21.450	VV	127260	2396832	78.15%	4.061%
22	22.380	22.300	22.469	BB	92354	2286125	74.54%	3.873%
			Sum of corrected areas:			59023202		

Aliphatic EPH 062725.M Fri Jul 18 23:43:10 2025

QC SAMPLE DATA

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	PB168910BL	SDG No.:	Q2618
Lab Sample ID:	PB168910BL	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
07/18/25 08:55	07/18/25 12:24	PB168910

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	FE054921.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

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

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:		
Project:	166 Belmont Ave Belleville		Date Received:		
Client Sample ID:	PB168910BL		SDG No.:	Q2618	
Lab Sample ID:	PB168910BL		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
FE054921.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.000	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.5		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.4		40 - 140	75%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168910BL	Acq On:	18 Jul 2025 12:24
Client Sample ID:	PB168910BL	Operator:	YP\AJ
Data file:	FE054921.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.330	6.963	0	0	300	ug/ml
Aliphatic C12-C16	6.964	10.415	0	0	200	ug/ml
Aliphatic C16-C21	10.416	13.793	0	0	300	ug/ml
Aliphatic C21-C28	13.794	17.463	0	0	400	ug/ml
Aliphatic C28-C40	17.464	22.490	0	0	600	ug/ml
Aliphatic EPH	3.330	22.490	0	0		ug/ml
ortho-Terphenyl (SURR)	12.092	12.092	6076808	37.42		ug/ml
1-chlorooctadecane (SURR)	13.528	13.528	4734570	37.49		ug/ml
Aliphatic C9-C28	3.330	17.463	0	0	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054921.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 12:24
Operator : YP\AJ
Sample : PB168910BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB168910BL

Integration File: autoint1.e
Quant Time: Jul 18 23:09:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.092	6076808	37.420 ug/ml
Spiked Amount 50.000		Recovery =	74.84%
12) S 1-chlorooctadecane (S...	13.528	4734570	37.489 ug/ml
Spiked Amount 50.000		Recovery =	74.98%
Target Compounds			

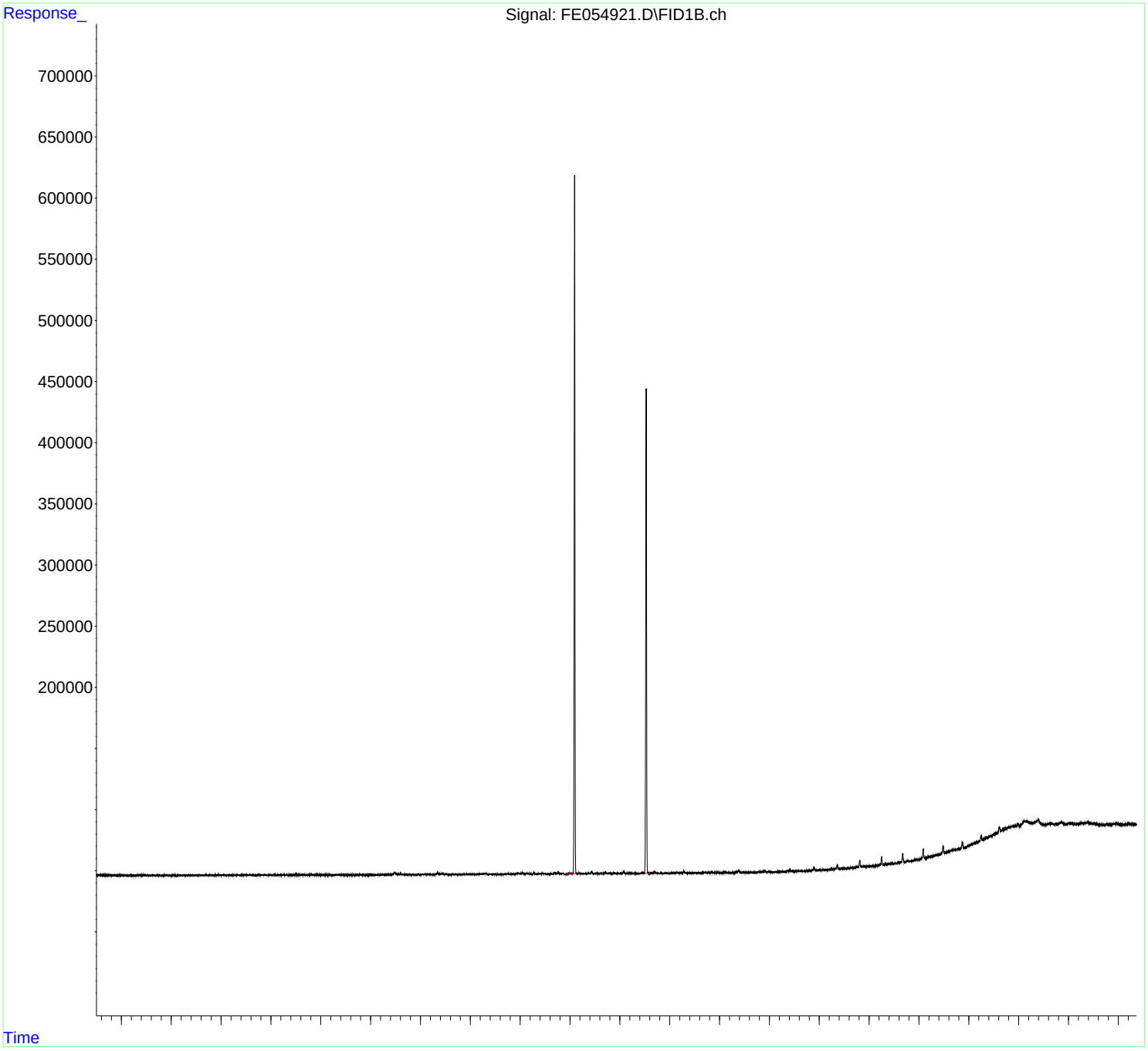
(f)=RT Delta > 1/2 Window (m)=manual int.

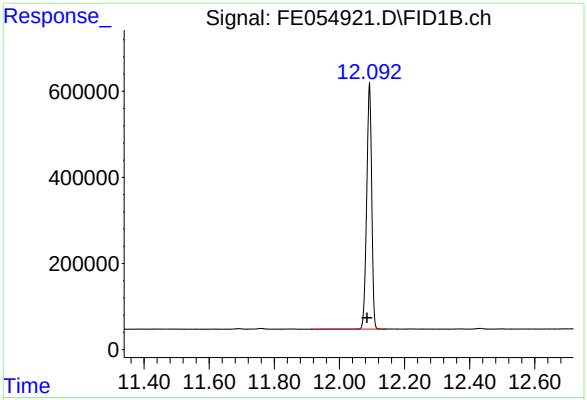
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054921.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 12:24
Operator : YP\AJ
Sample : PB168910BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB168910BL

Integration File: autoint1.e
Quant Time: Jul 18 23:09:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

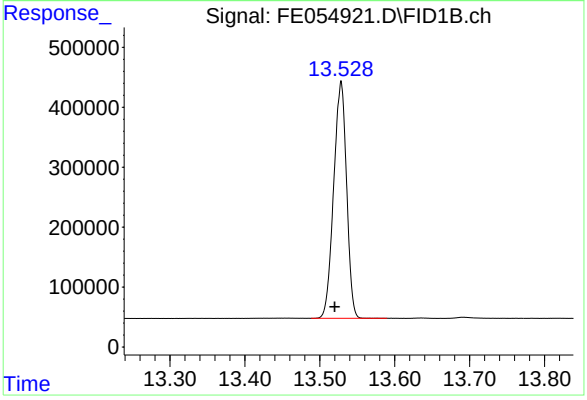




#9 ortho-Terphenyl (SURR)

R.T.: 12.092 min
Delta R.T.: 0.008 min
Response: 6076808
Conc: 37.42 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168910BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.528 min
Delta R.T.: 0.008 min
Response: 4734570
Conc: 37.49 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054921.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 12:24
Sample : PB168910BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	12.092	11.914	12.144	BV	568610	6076808	100.00%	56.208%
2	13.528	13.489	13.589	BB	397212	4734570	77.91%	43.792%

Sum of corrected areas: 10811378

Aliphatic EPH 062725.M Fri Jul 18 23:36:03 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	PB168910BS	SDG No.:	Q2618
Lab Sample ID:	PB168910BS	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
07/18/25 08:55	07/18/25 12:54	PB168910

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	59.8		1	0.91	3.99	mg/kg	FE054922.D
Total EPH	Total EPH	59.8			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

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	PB168910BS	SDG No.:	Q2618
Lab Sample ID:	PB168910BS	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
FE054922.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	59.8		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.6		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.0		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.5		40 - 140	69%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168910BS	Acq On:	18 Jul 2025 12:54
Client Sample ID:	PB168910BS	Operator:	YP\AJ
Data file:	FE054922.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	3.330	6.963	22693126	166.794	300	ug/ml
Aliphatic C12-C16	6.964	10.415	29558106	210.276	200	ug/ml
Aliphatic C16-C21	10.416	13.793	33488868	231.928	300	ug/ml
Aliphatic C21-C28	13.794	17.463	41684746	288.173	400	ug/ml
Aliphatic C28-C40	17.464	22.490	42952317	309.795	600	ug/ml
Aliphatic EPH	3.330	22.490	170377163	1210		ug/ml
ortho-Terphenyl (SURR)	12.089	12.089	5610201	34.55		ug/ml
1-chlorooctadecane (SURR)	13.525	13.525	4421221	35.01		ug/ml
Aliphatic C9-C28	3.330	17.463	127424846	897.171	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054922.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 12:54
Operator : YP\AJ
Sample : PB168910BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB168910BS

Integration File: autoint1.e
Quant Time: Jul 18 23:09:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.089	5610201	34.547 ug/ml
Spiked Amount	50.000		Recovery =	69.09%
12) S	1-chlorooctadecane (S...	13.525	4421221	35.007 ug/ml
Spiked Amount	50.000		Recovery =	70.01%
	Target Compounds			
1) T	n-Nonane (C9)	3.437	3920635	29.148 ug/ml
2) T	n-Decane (C10)	4.690	4245598	31.115 ug/ml
3) T	A~Naphthalene (C11.7)	6.406	5192621	34.294 ug/ml
4) T	n-Dodecane (C12)	6.861	4491697	32.737 ug/ml
5) T	A~2-methylnaphthalene...	7.506	4808368	32.709 ug/ml
6) T	n-Tetradecane (C14)	8.698	4571700	32.979 ug/ml
7) T	n-Hexadecane (C16)	10.312	4631133	32.497 ug/ml
8) T	n-Octadecane (C18)	11.762	4606422	31.431 ug/ml
10) T	n-Eicosane (C20)	13.077	4713719	32.781 ug/ml
11) T	n-Heneicosane (C21)	13.691	4505686	31.545 ug/ml
13) T	n-Docosane (C22)	14.279	4443671	31.121 ug/ml
14) T	n-Tetracosane (C24)	15.385	9204217	63.318 ug/ml
15) T	n-Hexacosane (C26)	16.409	4329856	29.920 ug/ml
16) T	n-Octacosane (C28)	17.361	4295763	29.476 ug/ml
17) T	n-Tricontane (C30)	18.252	4383388	27.816 ug/ml
18) T	n-Dotriacontane (C32)	19.085	4390644	27.138 ug/ml
19) T	n-Tetratriacontane (C34)	19.869	4598360	30.175 ug/ml
20) T	n-Hexatriacontane (C36)	20.610	4414485	32.832 ug/ml
21) T	n-Octatriacontane (C38)	21.393	4673046	39.844 ug/ml
22) T	n-Tetracontane (C40)	22.387	4422884	40.807 ug/ml

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

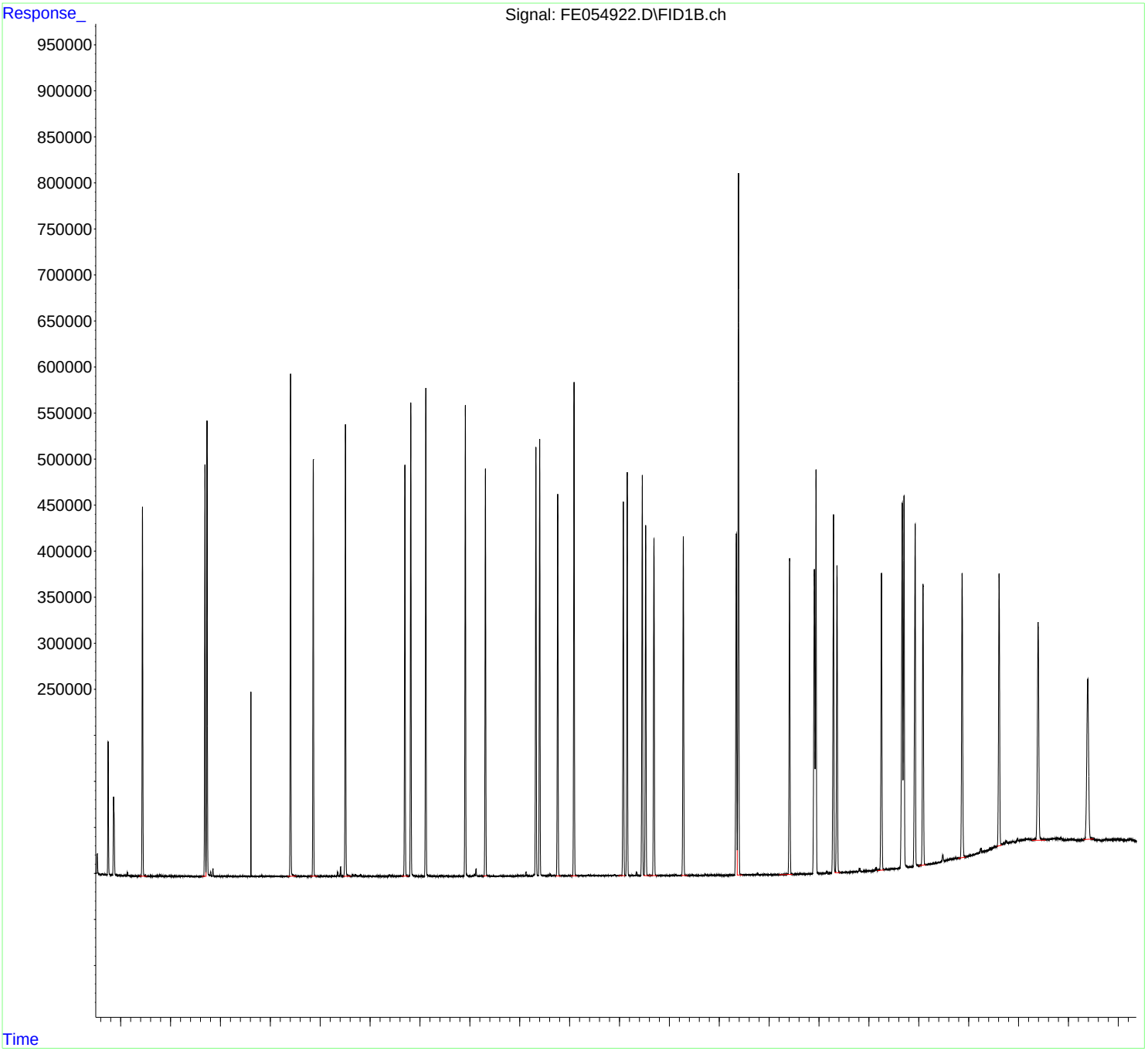
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054922.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 12:54
Operator : YP\AJ
Sample : PB168910BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB168910BS

Integration File: autoint1.e
Quant Time: Jul 18 23:09:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054922.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 12:54
Sample : PB168910BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	3.437	3.375	3.517	BB	400390	3920635	42.60%	2.173%
2	4.690	4.632	4.710	BV	447924	4245598	46.13%	2.353%
3	4.731	4.710	4.783	VV	494967	4842575	52.61%	2.684%
4	6.406	6.347	6.519	BB	543428	5192621	56.42%	2.878%
5	6.861	6.800	6.930	BB	451936	4491697	48.80%	2.490%
6	7.506	7.464	7.604	BB	493136	4808368	52.24%	2.665%
7	8.698	8.634	8.769	BV	445935	4571700	49.67%	2.534%
8	8.816	8.769	8.900	PV	516720	5186728	56.35%	2.875%
9	9.117	9.022	9.209	BB	527350	5178406	56.26%	2.870%
10	9.910	9.794	9.975	BB	510929	5181771	56.30%	2.872%
11	10.312	10.267	10.342	BV	441756	4631133	50.32%	2.567%
12	11.325	11.227	11.364	BV	466601	4995582	54.27%	2.769%
13	11.400	11.364	11.459	VV	474692	4957810	53.86%	2.748%
14	11.762	11.720	11.805	BB	413505	4606422	50.05%	2.553%
15	12.089	12.022	12.145	BB	535462	5610201	60.95%	3.110%
16	13.077	12.977	13.114	BV	406448	4713719	51.21%	2.613%
17	13.155	13.114	13.230	VBA	438171	4845981	52.65%	2.686%
18	13.457	13.385	13.487	BV	433086	4863668	52.84%	2.696%
19	13.525	13.487	13.580	VB	379954	4421221	48.03%	2.451%
20	13.691	13.589	13.754	BB	363922	4505686	48.95%	2.497%
21	14.279	14.244	14.354	VB	365518	4443671	48.28%	2.463%
22	15.342	15.279	15.361	BV	371179	4782086	51.96%	2.651%
23	15.385	15.361	15.460	VB	760223	9204217	100.00%	5.102%
24	16.409	16.202	16.465	BB	341405	4329856	47.04%	2.400%
25	16.906	16.657	16.922	BV	327606	4898322	53.22%	2.715%
26	16.940	16.922	17.017	VB	439069	4856566	52.76%	2.692%
27	17.290	17.250	17.323	BV	389865	4874265	52.96%	2.702%
28	17.361	17.323	17.424	VV	331998	4295763	46.67%	2.381%
29	18.252	18.170	18.309	PV	323228	4383388	47.62%	2.430%
30	18.668	18.492	18.683	BV	397072	5724636	62.20%	3.173%
31	18.704	18.683	18.790	VBA	402898	5166078	56.13%	2.864%
32	18.927	18.790	18.997	BV	368645	5178796	56.27%	2.871%
33	19.085	18.997	19.130	PB	304120	4390644	47.70%	2.434%
34	19.869	19.790	19.940	PV	307620	4598360	49.96%	2.549%
35	20.610	20.570	20.654	BV	294289	4414485	47.96%	2.447%
36	21.393	21.274	21.535	VV	235713	4673046	50.77%	2.590%

rteres

37	22.387	22.300	22.500	BBA	173763	4422884	48.05%	2.452%

Sum of corrected areas: 180408583

Aliphatic EPH 062725.M Fri Jul 18 23:37:14 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC			Date Collected:	
Project:	166 Belmont Ave Belleville			Date Received:	
Client Sample ID:	PB168910BSD			SDG No.:	Q2618
Lab Sample ID:	PB168910BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
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
07/18/25 08:55	07/18/25 13:24	PB168910

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	59.1		1	0.91	4.00	mg/kg	FE054923.D
Total EPH	Total EPH	59.1			0.91	4.00	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

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

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:		
Project:	166 Belmont Ave Belleville		Date Received:		
Client Sample ID:	PB168910BSD		SDG No.:	Q2618	
Lab Sample ID:	PB168910BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
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
FE054923.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	59.1		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.4		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.1		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.7		40 - 140	67%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168910BSD	Acq On:	18 Jul 2025 13:24
Client Sample ID:	PB168910BSD	Operator:	YP\AJ
Data file:	FE054923.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	3.330	6.963	22771535	167.37	300	ug/ml
Aliphatic C12-C16	6.964	10.415	29192330	207.674	200	ug/ml
Aliphatic C16-C21	10.416	13.793	32948131	228.183	300	ug/ml
Aliphatic C21-C28	13.794	17.463	41117545	284.252	400	ug/ml
Aliphatic C28-C40	17.464	22.490	42439476	306.096	600	ug/ml
Aliphatic EPH	3.330	22.490	168469017	1190		ug/ml
ortho-Terphenyl (SURR)	12.089	12.089	5475642	33.72		ug/ml
1-chlorooctadecane (SURR)	13.523	13.523	4311906	34.14		ug/ml
Aliphatic C9-C28	3.330	17.463	126029541	887.479	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054923.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 13:24
Operator : YP\AJ
Sample : PB168910BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB168910BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/22/2025

Integration File: autoint1.e
Quant Time: Jul 18 23:10:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.089	5475642	33.718 ug/ml
Spiked Amount	50.000		Recovery =	67.44%
12) S	1-chlorooctadecane (S...	13.523	4311906	34.142 ug/ml
Spiked Amount	50.000		Recovery =	68.28%
	Target Compounds			
1) T	n-Nonane (C9)	3.438	3969169	29.509 ug/ml
2) T	n-Decane (C10)	4.690	4282888	31.388 ug/ml
3) T	A~Naphthalene (C11.7)	6.406	5156549	34.056 ug/ml
4) T	n-Dodecane (C12)	6.861	4497051	32.776 ug/ml
5) T	A~2-methylnaphthalene...	7.506	4771602	32.459 ug/ml
6) T	n-Tetradecane (C14)	8.698	4540489	32.753 ug/ml
7) T	n-Hexadecane (C16)	10.312	4585523	32.177 ug/ml
8) T	n-Octadecane (C18)	11.761	4539719	30.976 ug/ml
10) T	n-Eicosane (C20)	13.076	4634621	32.231 ug/ml
11) T	n-Heneicosane (C21)	13.690	4423817	30.972 ug/ml
13) T	n-Docosane (C22)	14.278	4364946	30.569 ug/ml
14) T	n-Tetracosane (C24)	15.383	9081627	62.475 ug/ml
15) T	n-Hexacosane (C26)	16.409	4262247	29.453 ug/ml
16) T	n-Octacosane (C28)	17.359	4227503	29.008 ug/ml
17) T	n-Tricontane (C30)	18.250	4311492	27.360 ug/ml
18) T	n-Dotriacontane (C32)	19.082	4311732	26.651 ug/ml
19) T	n-Tetratriacontane (C34)	19.868	4549901	29.857 ug/mlm
20) T	n-Hexatriacontane (C36)	20.610	4333896	32.233 ug/ml
21) T	n-Octatriacontane (C38)	21.390	4535365	38.670 ug/ml
22) T	n-Tetracontane (C40)	22.385	4455563	41.109 ug/ml

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054923.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 13:24
Operator : YP\AJ
Sample : PB168910BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

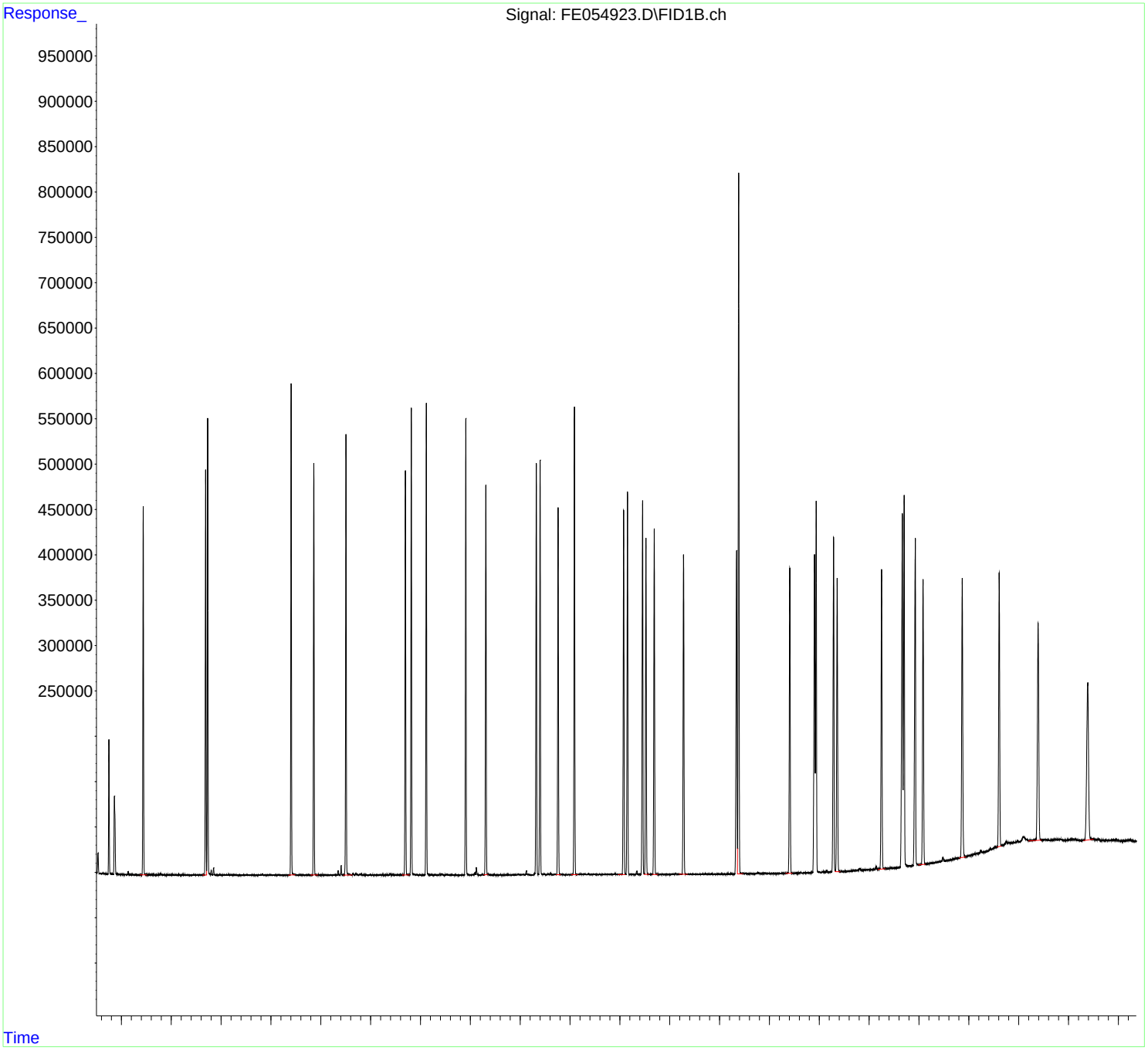
Instrument :
FID_E
ClientSampleId :
PB168910BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/22/2025

Integration File: autoint1.e
Quant Time: Jul 18 23:10:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 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 :
PB168910BSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/22/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE07182
Data File : FE054923.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 13:24
Sample : PB168910BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	3.438	3.375	3.513	BB	406730	3969169	43.71%	2.227%
2	4.690	4.632	4.711	BV	447130	4282888	47.16%	2.403%
3	4.731	4.711	4.783	VV	502832	4865878	53.58%	2.730%
4	6.406	6.352	6.487	BB	541680	5156549	56.78%	2.893%
5	6.861	6.800	6.930	BB	453131	4497051	49.52%	2.523%
6	7.506	7.453	7.622	BV	486392	4771602	52.54%	2.677%
7	8.698	8.635	8.770	BB	445668	4540489	50.00%	2.547%
8	8.816	8.777	8.897	BB	517211	5108010	56.25%	2.866%
9	9.117	9.017	9.200	BB	516704	5095553	56.11%	2.859%
10	9.909	9.783	9.967	BB	504985	5091153	56.06%	2.856%
11	10.312	10.270	10.342	BV	429215	4585523	50.49%	2.572%
12	11.324	11.232	11.367	BV	453510	4908586	54.05%	2.754%
13	11.400	11.367	11.455	VV	456076	4877819	53.71%	2.736%
14	11.761	11.722	11.812	BB	404137	4539719	49.99%	2.547%
15	12.089	12.023	12.145	BB	514290	5475642	60.29%	3.072%
16	13.076	12.967	13.108	BV	400188	4634621	51.03%	2.600%
17	13.153	13.108	13.222	VB	421819	4773556	52.56%	2.678%
18	13.456	13.383	13.486	BV	409721	4790013	52.74%	2.687%
19	13.523	13.486	13.580	VB	370776	4311906	47.48%	2.419%
20	13.690	13.649	13.763	PB	380358	4423817	48.71%	2.482%
21	14.278	14.187	14.347	BB	348778	4364946	48.06%	2.449%
22	15.341	15.295	15.359	BV	352319	4741515	52.21%	2.660%
23	15.383	15.359	15.458	VB	773136	9081627	100.00%	5.095%
24	16.409	16.323	16.460	BB	335351	4262247	46.93%	2.391%
25	16.905	16.707	16.920	BV	350419	4820536	53.08%	2.704%
26	16.938	16.920	17.012	VB	410239	4805255	52.91%	2.696%
27	17.288	17.250	17.320	BV	367440	4813916	53.01%	2.701%
28	17.359	17.320	17.418	VV	322453	4227503	46.55%	2.372%
29	18.250	18.173	18.310	PV	330237	4311492	47.47%	2.419%
30	18.666	18.478	18.682	BV	391843	5622709	61.91%	3.154%
31	18.703	18.682	18.790	VBA	410671	5157246	56.79%	2.893%
32	18.926	18.790	18.990	BV	349633	5140776	56.61%	2.884%
33	19.082	18.990	19.130	VB	312500	4311732	47.48%	2.419%
34	19.868	19.580	19.938	BV	307400	4570697	50.33%	2.564%
35	20.610	20.570	20.652	BV	297870	4333896	47.72%	2.431%
36	21.390	21.198	21.458	VB	239110	4535365	49.94%	2.544%

Instrument :
FID_E
ClientSampleId :
PB168910BSD

rteres
37 22.385 22.300 22.499 BBA 171461 4455563 49.06% 2.500%
Sum of corrected areas: 178

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/22/2025

Aliphatic EPH 062725.M Fri Jul 18 23:39:51 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	6MS	SDG No.:	Q2618
Lab Sample ID:	Q2618-08MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
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
07/18/25 08:55	07/18/25 16:57	PB168910

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	88.0	E	1	0.97	4.27	mg/kg	FE054930.D
Total EPH	Total EPH	88.0			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

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

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:		
Project:	166 Belmont Ave Belleville		Date Received:		
Client Sample ID:	6MS		SDG No.:	Q2618	
Lab Sample ID:	Q2618-08MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.4	
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
FE054930.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28		Aliphatic C9-C28	88.0	E	0.97	4.27	mg/kg
Aliphatic C28-C40		Aliphatic C28-C40	28.6		1.26	2.14	mg/kg
SURROGATES							
3383-33-2		1-chlorooctadecane (SURR)	33.0		40 - 140	66%	SPK: 50
84-15-1		ortho-Terphenyl (SURR)	32.7		40 - 140	65%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2618-08MS	Acq On:	18 Jul 2025 16:57
Client Sample ID:	Q2618-08MS	Operator:	YP\AJ
Data file:	FE054930.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	3.330	6.963	25736506	189.162	300	ug/ml
Aliphatic C12-C16	6.964	10.415	37223849	264.81	200	ug/ml
Aliphatic C16-C21	10.416	13.793	60925346	421.939	300	ug/ml
Aliphatic C21-C28	13.794	17.463	51913608	358.887	400	ug/ml
Aliphatic C28-C40	17.464	22.490	55658136	401.436	600	ug/ml
Aliphatic EPH	3.330	22.490	231457445	1640		ug/ml
ortho-Terphenyl (SURR)	12.087	12.087	5305958	32.67		ug/ml
1-chlorooctadecane (SURR)	13.524	13.524	4163893	32.97		ug/ml
Aliphatic C9-C28	3.330	17.463	175799309	1230	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054930.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 16:57
Operator : YP\AJ
Sample : Q2618-08MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
6MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/22/2025

Integration File: autoint1.e
Quant Time: Jul 18 23:11:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	12.087	5305958	32.673 ug/ml
	Spiked Amount 50.000		Recovery =	65.35%
12)	S 1-chlorooctadecane (S...	13.524	4163893	32.970 ug/ml
	Spiked Amount 50.000		Recovery =	65.94%
	Target Compounds			
1)	T n-Nonane (C9)	3.439	4465584	33.199 ug/ml
2)	T n-Decane (C10)	4.690	4726636	34.640 ug/ml
3)	T A~Naphthalene (C11.7)	6.406	5660236	37.383 ug/ml
4)	T n-Dodecane (C12)	6.861	4925453	35.898 ug/ml
5)	T A~2-methylnaphthalene...	7.505	5245154	35.680 ug/ml
6)	T n-Tetradecane (C14)	8.697	4952547	35.726 ug/ml
7)	T n-Hexadecane (C16)	10.311	4992510	35.033 ug/ml
8)	T n-Octadecane (C18)	11.761	5016871	34.232 ug/ml
10)	T n-Eicosane (C20)	13.076	5043041	35.071 ug/ml
11)	T n-Heneicosane (C21)	13.689	4768409	33.385 ug/ml
13)	T n-Docosane (C22)	14.278	4735610	33.165 ug/ml
14)	T n-Tetracosane (C24)	15.384	9768076	67.197 ug/ml
15)	T n-Hexacosane (C26)	16.409	4583081	31.670 ug/ml
16)	T n-Octacosane (C28)	17.359	4554046	31.248 ug/ml
17)	T n-Tricontane (C30)	18.249	4661516	29.581 ug/ml
18)	T n-Dotriacontane (C32)	19.083	4679095	28.921 ug/ml
19)	T n-Tetratriacontane (C34)	19.868	4936310	32.392 ug/mlm
20)	T n-Hexatriacontane (C36)	20.609	4800547	35.704 ug/ml
21)	T n-Octatriacontane (C38)	21.390	5087193	43.375 ug/mlm
22)	T n-Tetracontane (C40)	22.381	5115961	47.202 ug/ml

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054930.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 16:57
Operator : YP\AJ
Sample : Q2618-08MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

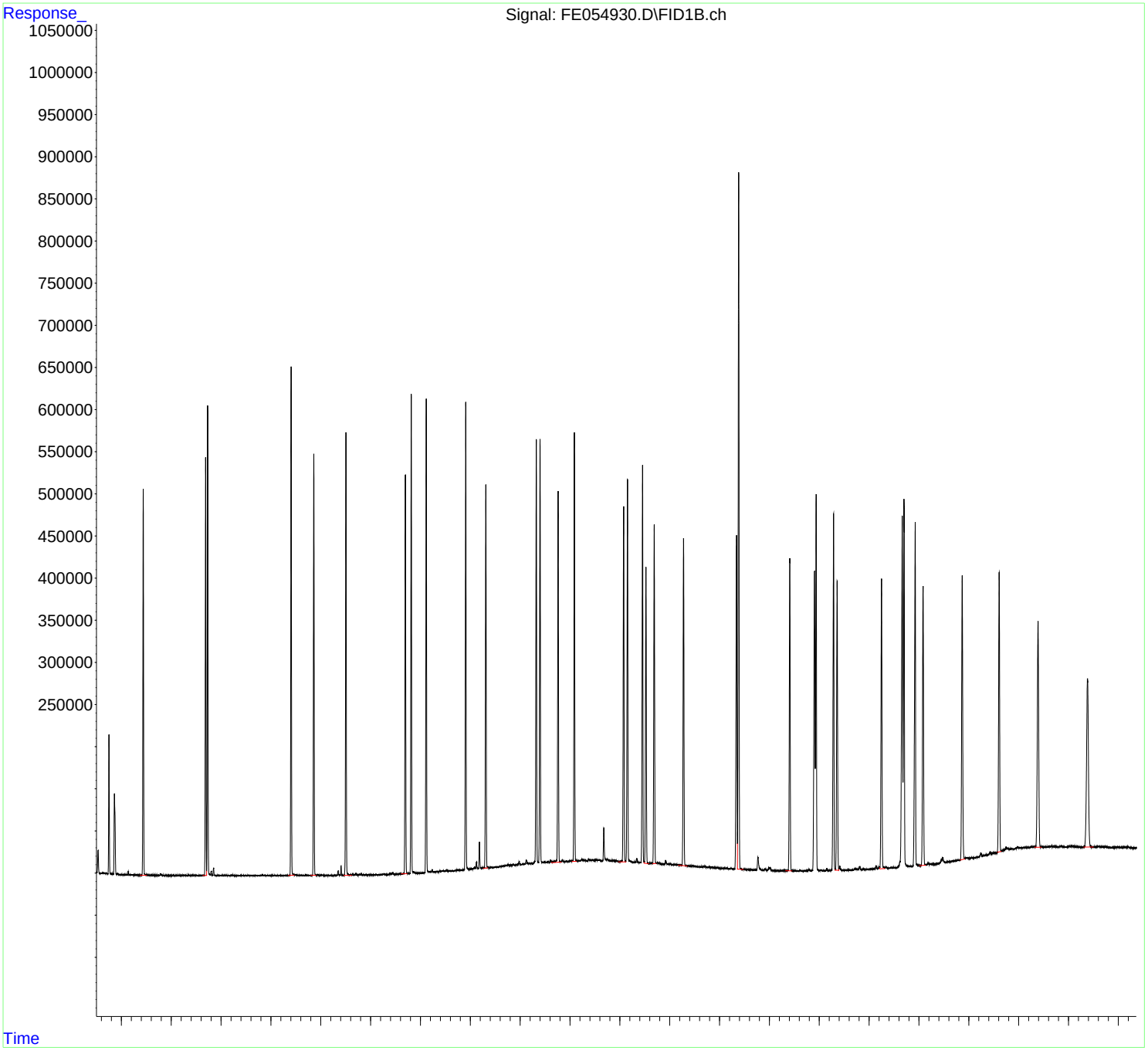
Instrument :
FID_E
ClientSampleId :
6MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/22/2025

Integration File: autoint1.e
Quant Time: Jul 18 23:11:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 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 :
6MS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/22/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE07182
Data File : FE054930.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 16:57
Sample : Q2618-08MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	2.862	2.804	2.903	BV	94631	1343838	13.42%	0.551%
2	2.920	2.903	3.011	VV	1106	10147	0.10%	0.004%
3	3.021	3.011	3.064	PV	123	365	0.00%	0.000%
4	3.076	3.064	3.107	VV	229	2326	0.02%	0.001%
5	3.137	3.107	3.167	PV	4054	37035	0.37%	0.015%
6	3.176	3.167	3.194	VV	112	999	0.01%	0.000%
7	3.226	3.194	3.284	PV	199	4524	0.05%	0.002%
8	3.310	3.284	3.395	PV	299	5608	0.06%	0.002%
9	3.439	3.395	3.541	PV	455670	4475112	44.69%	1.836%
10	3.586	3.541	3.633	VV	367	9953	0.10%	0.004%
11	3.658	3.633	3.676	VV	311	5507	0.05%	0.002%
12	3.684	3.676	3.734	VV	303	6106	0.06%	0.003%
13	3.784	3.734	3.868	VV	2178	36696	0.37%	0.015%
14	3.880	3.868	3.910	VV	215	4178	0.04%	0.002%
15	3.923	3.910	3.954	VV	237	4681	0.05%	0.002%
16	3.964	3.954	3.993	VV	204	3633	0.04%	0.001%
17	4.024	3.993	4.104	VV	511	15462	0.15%	0.006%
18	4.125	4.104	4.144	PV	338	5389	0.05%	0.002%
19	4.164	4.144	4.208	VV	337	9278	0.09%	0.004%
20	4.225	4.208	4.249	VV	477	8475	0.08%	0.003%
21	4.282	4.249	4.292	VV	405	7827	0.08%	0.003%
22	4.309	4.292	4.378	VV	371	15121	0.15%	0.006%
23	4.388	4.378	4.395	VV	253	2172	0.02%	0.001%
24	4.416	4.395	4.443	VV	538	10261	0.10%	0.004%
25	4.459	4.443	4.476	VV	448	7326	0.07%	0.003%
26	4.489	4.476	4.518	VV	440	7993	0.08%	0.003%
27	4.527	4.518	4.535	VV	306	2710	0.03%	0.001%
28	4.545	4.535	4.575	VV	269	5783	0.06%	0.002%
29	4.582	4.575	4.609	VV	252	4092	0.04%	0.002%
30	4.636	4.609	4.653	VV	265	6224	0.06%	0.003%
31	4.690	4.653	4.710	VV	495493	4734799	47.28%	1.942%
32	4.731	4.710	4.783	VV	555927	5346606	53.39%	2.193%
33	4.802	4.783	4.828	VV	5282	59218	0.59%	0.024%
34	4.849	4.828	4.891	VV	8912	92633	0.93%	0.038%
35	4.904	4.891	4.957	VV	335	10418	0.10%	0.004%
36	4.974	4.957	4.988	VV	429	5871	0.06%	0.002%

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Manual IntegrationsAPPROVED

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					rteres			
37	4.999	4.988	5.044	VV	368	8311	0.08%	0.003%
38	5.058	5.044	5.083	VV	427	6439	0	
39	5.107	5.083	5.127	VV	256	5774	0	
40	5.152	5.127	5.181	VV	265	6285	0	
41	5.209	5.181	5.235	VV	217	5303	0	
42	5.245	5.235	5.261	VV	167	1684	0	
43	5.295	5.261	5.315	VV	170	3683	0.04%	0.002%
44	5.347	5.315	5.364	VV	159	4040	0.04%	0.002%
45	5.396	5.364	5.429	VV	285	5982	0.06%	0.002%
46	5.443	5.429	5.463	VV	183	2987	0.03%	0.001%
47	5.480	5.463	5.493	VV	260	2730	0.03%	0.001%
48	5.502	5.493	5.558	VV	191	4255	0.04%	0.002%
49	5.564	5.558	5.572	VV	102	641	0.01%	0.000%
50	5.586	5.572	5.609	VV	82	1429	0.01%	0.001%
51	5.632	5.609	5.680	VV	376	6173	0.06%	0.003%
52	5.694	5.680	5.706	VV	72	1102	0.01%	0.000%
53	5.717	5.706	5.727	VV	107	872	0.01%	0.000%
54	5.740	5.727	5.779	PV	123	2140	0.02%	0.001%
55	5.826	5.779	5.846	VV	1413	16080	0.16%	0.007%
56	5.864	5.846	5.928	VV	472	10030	0.10%	0.004%
57	5.931	5.928	5.939	VV	131	650	0.01%	0.000%
58	6.015	5.939	6.061	VV	192	9931	0.10%	0.004%
59	6.082	6.061	6.092	VV	197	2622	0.03%	0.001%
60	6.098	6.092	6.128	VV	160	1407	0.01%	0.001%
61	6.145	6.128	6.178	VV	125	2512	0.03%	0.001%
62	6.193	6.178	6.212	VV	187	1992	0.02%	0.001%
63	6.217	6.212	6.230	VV	98	644	0.01%	0.000%
64	6.274	6.230	6.301	VV	129	3358	0.03%	0.001%
65	6.360	6.301	6.373	VV	210	5274	0.05%	0.002%
66	6.406	6.373	6.546	VV	595858	5703369	56.95%	2.340%
67	6.565	6.546	6.584	VV	435	7636	0.08%	0.003%
68	6.592	6.584	6.624	VV	262	5330	0.05%	0.002%
69	6.654	6.624	6.674	VV	289	6999	0.07%	0.003%
70	6.698	6.674	6.728	VV	898	12291	0.12%	0.005%
71	6.752	6.728	6.780	VV	307	6611	0.07%	0.003%
72	6.790	6.780	6.824	VV	237	4826	0.05%	0.002%
73	6.861	6.824	6.913	VV	500604	4941582	49.34%	2.027%
74	6.935	6.913	6.969	VV	1319	20008	0.20%	0.008%
75	6.977	6.969	6.989	VV	309	2800	0.03%	0.001%
76	7.015	6.989	7.078	VV	555	13262	0.13%	0.005%
77	7.087	7.078	7.102	VV	157	1246	0.01%	0.001%
78	7.155	7.102	7.176	PV	284	5774	0.06%	0.002%
79	7.192	7.176	7.215	VV	193	2807	0.03%	0.001%
80	7.230	7.215	7.260	VV	96	2205	0.02%	0.001%
81	7.284	7.260	7.304	VV	354	3804	0.04%	0.002%
82	7.347	7.304	7.379	VV	5416	56472	0.56%	0.023%
83	7.407	7.379	7.459	VV	11355	115434	1.15%	0.047%
84	7.505	7.459	7.585	PV	522365	5235949	52.28%	2.148%
85	7.603	7.585	7.623	VV	496	8423	0.08%	0.003%
86	7.643	7.623	7.677	VV	1937	26872	0.27%	0.011%
87	7.700	7.677	7.717	VV	2173	27365	0.27%	0.011%
88	7.726	7.717	7.751	VV	992	11813	0.12%	0.005%
89	7.778	7.751	7.791	VV	1008	12418	0.12%	0.005%

Instrument :
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90	7.809	7.791	7.836	VV	1808	21346	0.21%	0.009%
91	7.862	7.836	7.891	VV	449	11007		
92	7.902	7.891	7.928	VV	365	4601		
93	7.951	7.928	7.973	VV	235	4462		
94	7.990	7.973	8.012	VV	642	7644		
95	8.033	8.012	8.058	VV	334	5327		
96	8.103	8.058	8.130	VV	784	13387	0.13%	0.005%
97	8.142	8.130	8.153	VV	303	3403	0.03%	0.001%
98	8.169	8.153	8.184	VV	372	4862	0.05%	0.002%
99	8.208	8.184	8.222	VV	455	7185	0.07%	0.003%
100	8.242	8.222	8.254	VV	755	11099	0.11%	0.005%
101	8.272	8.254	8.331	VV	1186	28463	0.28%	0.012%
102	8.386	8.331	8.411	VV	2114	40435	0.40%	0.017%
103	8.439	8.411	8.491	VV	2727	58481	0.58%	0.024%
104	8.578	8.491	8.631	VV	1660	85753	0.86%	0.035%
105	8.697	8.631	8.742	VV	475702	5031237	50.24%	2.064%
106	8.756	8.742	8.770	VV	1433	23135	0.23%	0.009%
107	8.815	8.770	8.908	VV	567261	5723036	57.15%	2.348%
108	8.927	8.908	8.954	VV	2330	55924	0.56%	0.023%
109	8.970	8.954	9.024	VV	2195	78920	0.79%	0.032%
110	9.116	9.024	9.156	VV	555384	5739656	57.31%	2.355%
111	9.168	9.156	9.188	VV	3659	61968	0.62%	0.025%
112	9.232	9.188	9.258	VV	5661	152228	1.52%	0.062%
113	9.270	9.258	9.308	VV	3079	88927	0.89%	0.036%
114	9.323	9.308	9.355	VV	3816	95798	0.96%	0.039%
115	9.388	9.355	9.405	VV	4396	110933	1.11%	0.046%
116	9.436	9.405	9.454	VV	4292	118505	1.18%	0.049%
117	9.457	9.454	9.484	VV	4271	70069	0.70%	0.029%
118	9.521	9.484	9.564	VV	4908	192320	1.92%	0.079%
119	9.623	9.564	9.644	VV	4334	197036	1.97%	0.081%
120	9.716	9.644	9.728	VV	4688	217561	2.17%	0.089%
121	9.742	9.728	9.759	VV	5363	94118	0.94%	0.039%
122	9.773	9.759	9.813	VV	5120	158012	1.58%	0.065%
123	9.851	9.813	9.862	VV	5607	152637	1.52%	0.063%
124	9.908	9.862	9.967	VV	556129	5912677	59.04%	2.426%
125	10.012	9.967	10.026	VV	6519	208413	2.08%	0.086%
126	10.049	10.026	10.058	VV	6511	121294	1.21%	0.050%
127	10.086	10.058	10.102	VV	8364	191458	1.91%	0.079%
128	10.122	10.102	10.157	VV	14607	299044	2.99%	0.123%
129	10.183	10.157	10.227	VV	37773	602864	6.02%	0.247%
130	10.244	10.227	10.264	VV	7665	164083	1.64%	0.067%
131	10.311	10.264	10.342	VV	461694	5317870	53.10%	2.182%
132	10.352	10.342	10.388	VV	8399	210027	2.10%	0.086%
133	10.422	10.388	10.438	VV	8110	230901	2.31%	0.095%
134	10.452	10.438	10.468	VV	7945	137787	1.38%	0.057%
135	10.485	10.468	10.499	VV	8294	148537	1.48%	0.061%
136	10.555	10.499	10.568	VV	8541	340357	3.40%	0.140%
137	10.594	10.568	10.614	VV	9236	243832	2.43%	0.100%
138	10.662	10.614	10.681	VV	9799	368068	3.68%	0.151%
139	10.707	10.681	10.727	VV	9791	260686	2.60%	0.107%
140	10.760	10.727	10.781	VV	11151	329175	3.29%	0.135%
141	10.804	10.781	10.819	VV	10357	227838	2.28%	0.093%

Instrument :
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Manual IntegrationsAPPROVED

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142	10.857	10.819	10.886	VV	11343	418085	4.17%	0.172%
143	10.896	10.886	10.901	VV	10142	93857		
144	10.978	10.901	10.999	VV	14191	666484		
145	11.011	10.999	11.024	VV	11051	164144		
146	11.054	11.024	11.072	VV	11906	325399		
147	11.122	11.072	11.183	VV	16166	839406		
148	11.199	11.183	11.217	VV	12206	245058	2.45%	0.101%
149	11.228	11.217	11.248	VV	12155	217268	2.17%	0.089%
150	11.324	11.248	11.364	VV	520491	6225971	62.17%	2.554%
151	11.399	11.364	11.464	VV	509701	6063468	60.55%	2.488%
152	11.474	11.464	11.519	VV	13728	437140	4.37%	0.179%
153	11.562	11.519	11.584	VV	14038	526657	5.26%	0.216%
154	11.607	11.584	11.631	VV	15815	400016	3.99%	0.164%
155	11.761	11.631	11.820	VV	452717	6495309	64.86%	2.665%
156	11.846	11.820	11.891	VV	15454	615708	6.15%	0.253%
157	11.924	11.891	11.941	VV	14727	421535	4.21%	0.173%
158	11.949	11.941	11.971	VV	14154	252534	2.52%	0.104%
159	11.985	11.971	12.002	VV	14514	260872	2.60%	0.107%
160	12.024	12.002	12.038	VV	14941	317416	3.17%	0.130%
161	12.087	12.038	12.128	VV	523300	6070959	60.62%	2.491%
162	12.143	12.128	12.156	VV	15189	251048	2.51%	0.103%
163	12.171	12.156	12.199	VV	15013	374570	3.74%	0.154%
164	12.243	12.199	12.264	VV	16256	611106	6.10%	0.251%
165	12.277	12.264	12.288	VV	16092	215379	2.15%	0.088%
166	12.307	12.288	12.331	VV	15577	388404	3.88%	0.159%
167	12.341	12.331	12.350	VV	14497	166008	1.66%	0.068%
168	12.371	12.350	12.385	VV	16411	318656	3.18%	0.131%
169	12.395	12.385	12.414	VV	15884	269168	2.69%	0.110%
170	12.452	12.414	12.475	VV	15840	564073	5.63%	0.231%
171	12.485	12.475	12.498	VV	15018	203630	2.03%	0.084%
172	12.526	12.498	12.581	VV	16208	765326	7.64%	0.314%
173	12.589	12.581	12.645	VV	15476	566763	5.66%	0.233%
174	12.678	12.645	12.730	VV	53392	1192053	11.90%	0.489%
175	12.747	12.730	12.792	VV	16351	577829	5.77%	0.237%
176	12.812	12.792	12.824	VV	14612	278358	2.78%	0.114%
177	12.842	12.824	12.858	VV	14528	288516	2.88%	0.118%
178	12.868	12.858	12.884	VV	14667	230567	2.30%	0.095%
179	12.897	12.884	12.911	VV	14914	230813	2.30%	0.095%
180	12.928	12.911	12.968	VV	14281	472442	4.72%	0.194%
181	13.076	12.968	13.114	VV	439520	6179823	61.71%	2.535%
182	13.154	13.114	13.271	VV	468703	6377470	63.68%	2.616%
183	13.299	13.271	13.308	VV	12375	270183	2.70%	0.111%
184	13.336	13.308	13.408	VV	16578	776720	7.76%	0.319%
185	13.455	13.408	13.485	VV	476089	5697949	56.90%	2.338%
186	13.524	13.485	13.586	VV	360304	4821328	48.14%	1.978%
187	13.603	13.586	13.624	VV	11309	254708	2.54%	0.104%
188	13.631	13.624	13.653	VV	11544	186773	1.87%	0.077%
189	13.689	13.653	13.731	VV	409729	5267061	52.59%	2.161%
190	13.751	13.731	13.834	VV	11726	676442	6.75%	0.278%
191	13.867	13.834	13.893	VV	10359	354391	3.54%	0.145%
192	13.917	13.893	13.998	VV	14048	662878	6.62%	0.272%
193	14.019	13.998	14.052	VV	9630	307597	3.07%	0.126%
194	14.066	14.052	14.102	VV	9223	266792	2.66%	0.109%

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rteres

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195	14.116	14.102	14.176	VV	9412	395823	3.95%	0.162%
196	14.188	14.176	14.219	VV	8673	220193	2	
197	14.224	14.219	14.240	VV	8544	104971	1	
198	14.278	14.240	14.321	VV	395493	5089251	50	
199	14.331	14.321	14.356	VV	8082	162447	1	
200	14.366	14.356	14.404	VV	7683	211680	2	
201	14.423	14.404	14.443	VV	7391	170775	1.71%	0.070%
202	14.460	14.443	14.491	VV	7826	209652	2.09%	0.086%
203	14.508	14.491	14.573	VV	7297	326184	3.26%	0.134%
204	14.582	14.573	14.637	VV	6586	236251	2.36%	0.097%
205	14.651	14.637	14.661	VV	6142	87834	0.88%	0.036%
206	14.683	14.661	14.694	VV	6782	128905	1.29%	0.053%
207	14.714	14.694	14.734	VV	6821	150142	1.50%	0.062%
208	14.745	14.734	14.777	VV	5854	144433	1.44%	0.059%
209	14.801	14.777	14.823	VV	6160	155703	1.55%	0.064%
210	14.840	14.823	14.865	VV	5919	133528	1.33%	0.055%
211	14.875	14.865	14.897	VV	5210	98681	0.99%	0.040%
212	14.915	14.897	14.937	VV	4971	116150	1.16%	0.048%
213	14.952	14.937	15.012	VV	4767	198278	1.98%	0.081%
214	15.025	15.012	15.034	VV	4150	54643	0.55%	0.022%
215	15.041	15.034	15.060	VV	4107	62023	0.62%	0.025%
216	15.068	15.060	15.097	VV	4282	90334	0.90%	0.037%
217	15.108	15.097	15.134	VV	4077	88906	0.89%	0.036%
218	15.149	15.134	15.174	VV	4032	90269	0.90%	0.037%
219	15.186	15.174	15.203	VV	3629	61283	0.61%	0.025%
220	15.217	15.203	15.226	VV	3735	50214	0.50%	0.021%
221	15.238	15.226	15.271	VV	3772	94298	0.94%	0.039%
222	15.281	15.271	15.294	VV	3310	44625	0.45%	0.018%
223	15.341	15.294	15.359	VV	398665	5211477	52.04%	2.138%
224	15.384	15.359	15.504	VV	833501	10014383	100.00%	4.108%
225	15.514	15.504	15.559	VV	2555	78519	0.78%	0.032%
226	15.571	15.559	15.584	VV	2397	35079	0.35%	0.014%
227	15.598	15.584	15.612	VV	2231	36006	0.36%	0.015%
228	15.637	15.612	15.668	VV	2526	72690	0.73%	0.030%
229	15.696	15.668	15.721	VV	2098	63158	0.63%	0.026%
230	15.769	15.721	15.847	VV	16881	397306	3.97%	0.163%
231	15.859	15.847	15.880	VV	1928	35234	0.35%	0.014%
232	15.903	15.880	15.945	VV	2954	84202	0.84%	0.035%
233	15.986	15.945	16.000	VV	4735	88441	0.88%	0.036%
234	16.013	16.000	16.081	VV	4192	93489	0.93%	0.038%
235	16.100	16.081	16.110	VV	946	15026	0.15%	0.006%
236	16.125	16.110	16.133	VV	827	10764	0.11%	0.004%
237	16.164	16.133	16.201	VV	915	33088	0.33%	0.014%
238	16.220	16.201	16.264	VV	840	27623	0.28%	0.011%
239	16.295	16.264	16.347	VV	1160	38348	0.38%	0.016%
240	16.409	16.347	16.456	VV	368880	4616257	46.10%	1.894%
241	16.471	16.456	16.570	VV	639	22823	0.23%	0.009%
242	16.617	16.570	16.668	VV	970	21518	0.21%	0.009%
243	16.711	16.668	16.732	PV	636	10882	0.11%	0.004%
244	16.744	16.732	16.760	VV	285	4038	0.04%	0.002%
245	16.790	16.760	16.832	VV	1895	37894	0.38%	0.016%
246	16.904	16.832	16.919	VV	357241	5200710	51.93%	2.134%

Instrument :
FID_E
ClientSampleId :
6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/22/2025

rteres

247	16.937	16.919	16.999	VV	447918	5177102	51.70%	2.124%
248	17.039	16.999	17.071	VV	1035	22618		
249	17.088	17.071	17.108	VV	259	3824		
250	17.149	17.108	17.178	VV	2528	32271		
251	17.287	17.178	17.319	PV	423528	5207069	52	
252	17.358	17.319	17.392	VV	341453	4574096	45	
253	17.407	17.392	17.488	VV	5063	78539	0.78%	0.032%
254	17.510	17.488	17.533	VV	209	3382	0.03%	0.001%
255	17.562	17.533	17.583	PV	238	3636	0.04%	0.001%
256	17.613	17.583	17.664	PV	362	9266	0.09%	0.004%
257	17.710	17.664	17.720	VV	1169	18389	0.18%	0.008%
258	17.737	17.720	17.769	VV	1337	27359	0.27%	0.011%
259	17.808	17.769	17.844	VV	3952	64814	0.65%	0.027%
260	17.894	17.844	17.921	VV	611	9797	0.10%	0.004%
261	17.969	17.921	18.011	VV	185	7419	0.07%	0.003%
262	18.037	18.011	18.061	VV	436	5524	0.06%	0.002%
263	18.138	18.061	18.171	PV	3840	59732	0.60%	0.025%
264	18.202	18.171	18.210	VV	2264	31285	0.31%	0.013%
265	18.249	18.210	18.314	VV	341449	4664903	46.58%	1.914%
266	18.337	18.314	18.394	VV	1978	32803	0.33%	0.013%
267	18.445	18.394	18.471	PV	880	14789	0.15%	0.006%
268	18.497	18.471	18.537	VV	525	10663	0.11%	0.004%
269	18.665	18.537	18.681	PV	415443	6285749	62.77%	2.579%
270	18.701	18.681	18.806	VV	434832	5561148	55.53%	2.281%
271	18.817	18.806	18.855	VV	530	8061	0.08%	0.003%
272	18.924	18.855	19.005	VV	405190	5578097	55.70%	2.288%
273	19.083	19.005	19.138	VV	329514	4678828	46.72%	1.919%
274	19.181	19.138	19.221	PV	2277	40479	0.40%	0.017%
275	19.245	19.221	19.281	VV	601	12541	0.13%	0.005%
276	19.295	19.281	19.305	VV	107	1451	0.01%	0.001%
277	19.378	19.305	19.395	PV	474	10028	0.10%	0.004%
278	19.475	19.395	19.524	VV	6673	207010	2.07%	0.085%
279	19.580	19.524	19.608	VV	1594	55316	0.55%	0.023%
280	19.629	19.608	19.647	VV	1255	25319	0.25%	0.010%
281	19.675	19.647	19.694	VV	1489	35988	0.36%	0.015%
282	19.780	19.694	19.806	VV	1964	103544	1.03%	0.042%
283	19.868	19.806	19.917	VV	338234	5064675	50.57%	2.078%
284	19.939	19.917	19.957	VV	3610	77903	0.78%	0.032%
285	19.975	19.957	20.019	VV	3416	108053	1.08%	0.044%
286	20.056	20.019	20.082	VV	3187	101235	1.01%	0.042%
287	20.157	20.082	20.184	VV	2917	161796	1.62%	0.066%
288	20.241	20.184	20.269	VV	7378	225376	2.25%	0.092%
289	20.345	20.269	20.360	VV	4433	211809	2.12%	0.087%
290	20.424	20.360	20.447	VV	7534	263977	2.64%	0.108%
291	20.479	20.447	20.487	VV	6088	134583	1.34%	0.055%
292	20.508	20.487	20.518	VV	6059	109813	1.10%	0.045%
293	20.530	20.518	20.554	VV	5791	123333	1.23%	0.051%
294	20.609	20.554	20.648	VV	335909	5148827	51.41%	2.112%
295	20.747	20.648	20.833	VV	11167	939177	9.38%	0.385%
296	20.859	20.833	20.888	VV	8286	267224	2.67%	0.110%
297	20.897	20.888	20.906	VV	8028	84875	0.85%	0.035%
298	20.975	20.906	21.009	VV	10000	537138	5.36%	0.220%
299	21.021	21.009	21.037	VV	8198	138059	1.38%	0.057%

Instrument :
FID_E
ClientSampleId :
6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/22/2025

rteres

300	21.089	21.037	21.109	VV	8643	352707	3.52%	0.145%
301	21.165	21.109	21.199	VV	8236	437664	4	
302	21.235	21.199	21.248	VV	7890	228435	2	
303	21.307	21.248	21.334	VV	8281	416376	4	
304	21.389	21.334	21.493	VV	272554	5721582	57	
305	21.518	21.493	21.528	VV	6233	129154	1	
306	21.645	21.528	21.714	VV	6292	673348	6.72%	0.276%
307	21.733	21.714	21.803	VV	5410	271625	2.71%	0.111%
308	21.850	21.803	21.931	VV	5519	349598	3.49%	0.143%
309	21.940	21.931	21.950	VV	3646	41833	0.42%	0.017%
310	22.074	21.950	22.204	VV	3791	495567	4.95%	0.203%
311	22.229	22.204	22.274	VV	1815	66191	0.66%	0.027%
312	22.381	22.274	22.488	VV	198489	5208883	52.01%	2.137%

Sum of corrected areas: 243754574

Aliphatic EPH 062725.M Fri Jul 18 23:49:01 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	6MSD	SDG No.:	Q2618
Lab Sample ID:	Q2618-08MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
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
07/18/25 08:55	07/18/25 17:27	PB168910

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	87.7	E	1	0.97	4.28	mg/kg	FE054931.D
Total EPH	Total EPH	87.7			0.97	4.28	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

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	6MSD	SDG No.:	Q2618
Lab Sample ID:	Q2618-08MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
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
FE054931.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		87.7	E	0.97	4.28	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		28.0		1.26	2.14	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		35.7		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		35.5		40 - 140	71%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2618-08MSD	Acq On:	18 Jul 2025 17:27
Client Sample ID:	Q2618-08MSD	Operator:	YP\AJ
Data file:	FE054931.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	3.330	6.963	24775261	182.097	300	ug/ml
Aliphatic C12-C16	6.964	10.415	36948801	262.853	200	ug/ml
Aliphatic C16-C21	10.416	13.793	62102229	430.09	300	ug/ml
Aliphatic C21-C28	13.794	17.463	51393158	355.289	400	ug/ml
Aliphatic C28-C40	17.464	22.490	54511710	393.168	600	ug/ml
Aliphatic EPH	3.330	22.490	229731159	1620		ug/ml
ortho-Terphenyl (SURR)	12.088	12.088	5757319	35.45		ug/ml
1-chlorooctadecane (SURR)	13.523	13.523	4513885	35.74		ug/ml
Aliphatic C9-C28	3.330	17.463	175219449	1230	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054931.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 17:27
Operator : YP\AJ
Sample : Q2618-08MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
6MSD

Integration File: autoint1.e
Quant Time: Jul 18 23:11:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.088	5757319	35.453 ug/ml
Spiked Amount	50.000		Recovery =	70.91%
12) S	1-chlorooctadecane (S...	13.523	4513885	35.741 ug/ml
Spiked Amount	50.000		Recovery =	71.48%
	Target Compounds			
1) T	n-Nonane (C9)	3.438	4315123	32.081 ug/ml
2) T	n-Decane (C10)	4.690	4574550	33.526 ug/ml
3) T	A~Naphthalene (C11.7)	6.405	5506467	36.367 ug/ml
4) T	n-Dodecane (C12)	6.860	4767869	34.749 ug/ml
5) T	A~2-methylnaphthalene...	7.505	5079994	34.557 ug/ml
6) T	n-Tetradecane (C14)	8.697	4808089	34.684 ug/ml
7) T	n-Hexadecane (C16)	10.311	4842515	33.980 ug/ml
8) T	n-Octadecane (C18)	11.761	4838251	33.013 ug/ml
10) T	n-Eicosane (C20)	13.075	4907414	34.128 ug/ml
11) T	n-Heneicosane (C21)	13.690	4638618	32.476 ug/ml
13) T	n-Docosane (C22)	14.278	4613342	32.309 ug/ml
14) T	n-Tetracosane (C24)	15.384	9540809	65.634 ug/ml
15) T	n-Hexacosane (C26)	16.409	4478898	30.950 ug/ml
16) T	n-Octacosane (C28)	17.360	4438833	30.458 ug/ml
17) T	n-Tricontane (C30)	18.251	4573186	29.021 ug/ml
18) T	n-Dotriacontane (C32)	19.083	4551723	28.134 ug/ml
19) T	n-Tetratriacontane (C34)	19.868	4805045	31.531 ug/ml
20) T	n-Hexatriacontane (C36)	20.609	4663598	34.685 ug/ml
21) T	n-Octatriacontane (C38)	21.390	4914884	41.906 ug/ml
22) T	n-Tetracontane (C40)	22.381	4937886	45.559 ug/ml

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

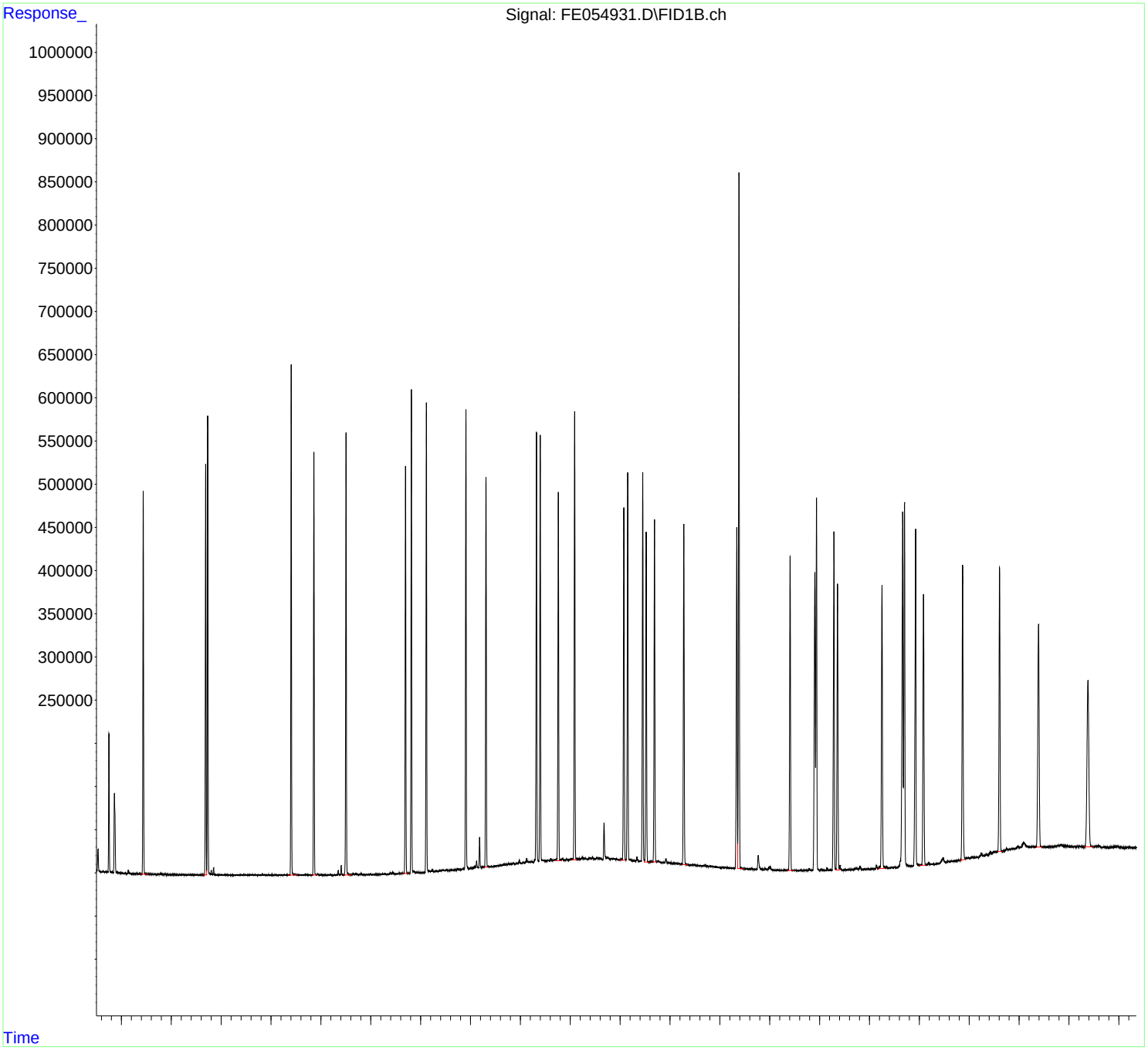
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054931.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 17:27
Operator : YP\AJ
Sample : Q2618-08MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
6MSD

Integration File: autoint1.e
Quant Time: Jul 18 23:11:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054931.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 17:27
Sample : Q2618-08MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	2.861	2.804	2.904	BV	89346	1299874	13.37%	0.535%
2	2.920	2.904	3.050	VV	1151	10846	0.11%	0.004%
3	3.077	3.050	3.096	PV	273	2780	0.03%	0.001%
4	3.136	3.096	3.161	VV	3883	37803	0.39%	0.016%
5	3.174	3.161	3.200	VV	146	2052	0.02%	0.001%
6	3.215	3.200	3.272	VV	188	5303	0.05%	0.002%
7	3.307	3.272	3.408	PV	344	10416	0.11%	0.004%
8	3.438	3.408	3.547	PV	443532	4318124	44.42%	1.778%
9	3.584	3.547	3.636	VV	319	5960	0.06%	0.002%
10	3.652	3.636	3.744	PV	229	5509	0.06%	0.002%
11	3.784	3.744	3.908	VV	2008	28124	0.29%	0.012%
12	3.919	3.908	4.009	PV	95	3617	0.04%	0.001%
13	4.022	4.009	4.068	VV	306	4814	0.05%	0.002%
14	4.075	4.068	4.106	VV	86	1408	0.01%	0.001%
15	4.122	4.106	4.159	PV	275	3870	0.04%	0.002%
16	4.165	4.159	4.177	VV	143	848	0.01%	0.000%
17	4.224	4.177	4.256	VV	334	6581	0.07%	0.003%
18	4.279	4.256	4.324	VV	279	7088	0.07%	0.003%
19	4.338	4.324	4.368	VV	260	3184	0.03%	0.001%
20	4.415	4.368	4.440	PV	378	6196	0.06%	0.003%
21	4.462	4.440	4.475	VV	255	4070	0.04%	0.002%
22	4.483	4.475	4.577	VV	277	7799	0.08%	0.003%
23	4.597	4.577	4.611	VV	162	2142	0.02%	0.001%
24	4.634	4.611	4.654	VV	195	2499	0.03%	0.001%
25	4.690	4.654	4.710	VV	477174	4578305	47.10%	1.885%
26	4.731	4.710	4.784	VV	531713	5170878	53.20%	2.129%
27	4.802	4.784	4.825	VV	5020	52322	0.54%	0.022%
28	4.849	4.825	4.879	VV	8523	83722	0.86%	0.034%
29	4.890	4.879	4.956	VV	237	6918	0.07%	0.003%
30	4.974	4.956	4.988	VV	320	3790	0.04%	0.002%
31	5.000	4.988	5.025	VV	279	4188	0.04%	0.002%
32	5.034	5.025	5.043	VV	219	1724	0.02%	0.001%
33	5.057	5.043	5.087	VV	263	5518	0.06%	0.002%
34	5.105	5.087	5.121	VV	228	3281	0.03%	0.001%
35	5.134	5.121	5.201	VV	200	5660	0.06%	0.002%
36	5.211	5.201	5.256	VV	184	2846	0.03%	0.001%

rteres

37	5.265	5.256	5.288	VV	125	1617	0.02%	0.001%
38	5.291	5.288	5.311	VV	146	1228	0.01%	0.001%
39	5.341	5.311	5.374	VV	141	3354	0.03%	0.001%
40	5.399	5.374	5.434	PV	196	4271	0.04%	0.002%
41	5.452	5.434	5.470	VV	157	2332	0.02%	0.001%
42	5.478	5.470	5.494	VV	205	1665	0.02%	0.001%
43	5.510	5.494	5.568	VV	136	3350	0.03%	0.001%
44	5.577	5.568	5.587	VV	43	593	0.01%	0.000%
45	5.602	5.587	5.611	VV	76	855	0.01%	0.000%
46	5.631	5.611	5.741	VV	427	8238	0.08%	0.003%
47	5.755	5.741	5.768	PV	86	546	0.01%	0.000%
48	5.782	5.768	5.797	PV	95	1004	0.01%	0.000%
49	5.825	5.797	5.845	VV	1426	14614	0.15%	0.006%
50	5.863	5.845	5.878	VV	469	5366	0.06%	0.002%
51	5.883	5.878	5.921	VV	287	3494	0.04%	0.001%
52	5.946	5.921	5.972	VV	145	2342	0.02%	0.001%
53	6.031	5.972	6.063	PV	178	3889	0.04%	0.002%
54	6.077	6.063	6.098	VV	249	2273	0.02%	0.001%
55	6.117	6.098	6.169	VV	163	4037	0.04%	0.002%
56	6.192	6.169	6.207	VV	183	2196	0.02%	0.001%
57	6.218	6.207	6.236	VV	83	1094	0.01%	0.000%
58	6.268	6.236	6.294	VV	125	2797	0.03%	0.001%
59	6.302	6.294	6.331	VV	49	1060	0.01%	0.000%
60	6.339	6.331	6.368	PV	192	2285	0.02%	0.001%
61	6.405	6.368	6.475	VV	587144	5507537	56.66%	2.268%
62	6.484	6.475	6.554	VV	709	21405	0.22%	0.009%
63	6.565	6.554	6.617	VV	438	9919	0.10%	0.004%
64	6.657	6.617	6.676	VV	287	8185	0.08%	0.003%
65	6.697	6.676	6.734	VV	927	13019	0.13%	0.005%
66	6.754	6.734	6.779	VV	273	4634	0.05%	0.002%
67	6.799	6.779	6.821	VV	184	3467	0.04%	0.001%
68	6.860	6.821	6.911	VV	490020	4780121	49.18%	1.968%
69	6.934	6.911	6.990	VV	1267	21489	0.22%	0.009%
70	7.014	6.990	7.062	VV	553	8994	0.09%	0.004%
71	7.069	7.062	7.100	VV	65	1588	0.02%	0.001%
72	7.153	7.100	7.175	VV	235	4263	0.04%	0.002%
73	7.193	7.175	7.202	PV	169	1731	0.02%	0.001%
74	7.231	7.202	7.257	VV	127	1832	0.02%	0.001%
75	7.284	7.257	7.314	VV	204	4047	0.04%	0.002%
76	7.347	7.314	7.384	VV	5311	55654	0.57%	0.023%
77	7.407	7.384	7.464	VV	11016	110576	1.14%	0.046%
78	7.505	7.464	7.622	PV	511067	5091208	52.38%	2.097%
79	7.643	7.622	7.681	VV	1889	27676	0.28%	0.011%
80	7.701	7.681	7.717	VV	2131	26349	0.27%	0.011%
81	7.727	7.717	7.750	VV	1040	11382	0.12%	0.005%
82	7.778	7.750	7.791	VV	961	12392	0.13%	0.005%
83	7.809	7.791	7.834	VV	1758	20386	0.21%	0.008%
84	7.865	7.834	7.890	VV	513	10606	0.11%	0.004%
85	7.904	7.890	7.920	VV	338	4487	0.05%	0.002%
86	7.955	7.920	7.978	VV	286	6471	0.07%	0.003%
87	7.990	7.978	8.018	VV	690	9010	0.09%	0.004%
88	8.034	8.018	8.061	VV	349	5532	0.06%	0.002%
89	8.104	8.061	8.129	VV	819	14820	0.15%	0.006%

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90	8.142	8.129	8.156	VV	387	4684	0.05%	0.002%
91	8.170	8.156	8.188	VV	399	5615	0.06%	0.002%
92	8.208	8.188	8.223	VV	480	8164	0.08%	0.003%
93	8.272	8.223	8.322	VV	1247	41588	0.43%	0.017%
94	8.386	8.322	8.410	VV	2113	45003	0.46%	0.019%
95	8.439	8.410	8.491	VV	2852	63770	0.66%	0.026%
96	8.512	8.491	8.523	VV	769	13987	0.14%	0.006%
97	8.577	8.523	8.631	VV	1746	78954	0.81%	0.033%
98	8.652	8.631	8.664	VV	1518	27298	0.28%	0.011%
99	8.697	8.664	8.744	VV	474728	4862617	50.03%	2.002%
100	8.759	8.744	8.772	VV	1548	24095	0.25%	0.010%
101	8.815	8.772	8.858	VV	555192	5505547	56.64%	2.267%
102	8.864	8.858	8.914	VV	3420	87805	0.90%	0.036%
103	8.926	8.914	8.952	VV	2436	49697	0.51%	0.020%
104	8.971	8.952	9.014	VV	2283	74890	0.77%	0.031%
105	9.115	9.014	9.154	VV	539031	5619185	57.81%	2.314%
106	9.169	9.154	9.191	VV	3911	76708	0.79%	0.032%
107	9.206	9.191	9.213	VV	3549	44224	0.45%	0.018%
108	9.232	9.213	9.256	VV	5973	109349	1.12%	0.045%
109	9.271	9.256	9.287	VV	3327	60985	0.63%	0.025%
110	9.323	9.287	9.351	VV	3964	132697	1.37%	0.055%
111	9.388	9.351	9.404	VV	4700	125852	1.29%	0.052%
112	9.438	9.404	9.497	VV	4713	232944	2.40%	0.096%
113	9.523	9.497	9.543	VV	5153	124149	1.28%	0.051%
114	9.553	9.543	9.564	VV	4120	52533	0.54%	0.022%
115	9.586	9.564	9.596	VV	4320	81968	0.84%	0.034%
116	9.622	9.596	9.641	VV	4854	119853	1.23%	0.049%
117	9.714	9.641	9.723	VV	5040	231608	2.38%	0.095%
118	9.742	9.723	9.761	VV	5823	120423	1.24%	0.050%
119	9.772	9.761	9.798	VV	5281	114613	1.18%	0.047%
120	9.803	9.798	9.813	VV	5236	47823	0.49%	0.020%
121	9.851	9.813	9.861	VV	5850	159049	1.64%	0.065%
122	9.908	9.861	9.966	VV	528338	5806521	59.74%	2.391%
123	10.012	9.966	10.031	VV	6852	248460	2.56%	0.102%
124	10.044	10.031	10.054	VV	6946	92274	0.95%	0.038%
125	10.086	10.054	10.102	VV	8914	218434	2.25%	0.090%
126	10.122	10.102	10.157	VV	14924	313488	3.23%	0.129%
127	10.183	10.157	10.225	VV	41929	640649	6.59%	0.264%
128	10.244	10.225	10.264	VV	8308	186113	1.91%	0.077%
129	10.311	10.264	10.341	VV	460175	5197221	53.47%	2.140%
130	10.352	10.341	10.383	VV	8901	209686	2.16%	0.086%
131	10.414	10.383	10.436	VV	8479	259274	2.67%	0.107%
132	10.452	10.436	10.466	VV	8485	151314	1.56%	0.062%
133	10.487	10.466	10.501	VV	9040	178594	1.84%	0.074%
134	10.556	10.501	10.574	VV	9178	390941	4.02%	0.161%
135	10.592	10.574	10.610	VV	9900	203149	2.09%	0.084%
136	10.629	10.610	10.641	VV	9826	175796	1.81%	0.072%
137	10.659	10.641	10.680	VV	10671	237836	2.45%	0.098%
138	10.708	10.680	10.730	VV	10504	309348	3.18%	0.127%
139	10.759	10.730	10.783	VV	11786	345160	3.55%	0.142%
140	10.805	10.783	10.821	VV	11195	244960	2.52%	0.101%
141	10.858	10.821	10.888	VV	12173	450631	4.64%	0.186%

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142	10.939	10.888	10.953	VV	11897	448127	4.61%	0.185%
143	10.977	10.953	11.031	VV	15138	583358	6.00%	0.240%
144	11.051	11.031	11.068	VV	13004	270032	2.78%	0.111%
145	11.122	11.068	11.142	VV	17268	604113	6.22%	0.249%
146	11.152	11.142	11.188	VV	13529	360664	3.71%	0.149%
147	11.200	11.188	11.214	VV	13145	205183	2.11%	0.084%
148	11.230	11.214	11.252	VV	13219	291413	3.00%	0.120%
149	11.323	11.252	11.368	VV	512852	6180566	63.59%	2.545%
150	11.399	11.368	11.431	VV	504710	5697930	58.62%	2.346%
151	11.440	11.431	11.459	VV	14734	241088	2.48%	0.099%
152	11.475	11.459	11.518	VV	14845	511490	5.26%	0.211%
153	11.562	11.518	11.583	VV	14871	560418	5.77%	0.231%
154	11.607	11.583	11.635	VV	17009	476399	4.90%	0.196%
155	11.655	11.635	11.664	VV	15149	259629	2.67%	0.107%
156	11.673	11.664	11.678	VV	15240	124024	1.28%	0.051%
157	11.699	11.678	11.714	VV	15799	339455	3.49%	0.140%
158	11.761	11.714	11.824	VV	441151	5784011	59.51%	2.382%
159	11.847	11.824	11.888	VV	16762	594097	6.11%	0.245%
160	11.923	11.888	11.941	VV	15857	483818	4.98%	0.199%
161	11.954	11.941	11.973	VV	15260	292221	3.01%	0.120%
162	11.986	11.973	12.006	VV	15728	306207	3.15%	0.126%
163	12.024	12.006	12.044	VV	16321	361612	3.72%	0.149%
164	12.088	12.044	12.130	VV	535966	6530379	67.18%	2.689%
165	12.144	12.130	12.166	VV	16260	346795	3.57%	0.143%
166	12.184	12.166	12.198	VV	16351	307450	3.16%	0.127%
167	12.244	12.198	12.264	VV	17677	666256	6.85%	0.274%
168	12.277	12.264	12.293	VV	16839	283864	2.92%	0.117%
169	12.306	12.293	12.351	VV	16611	561667	5.78%	0.231%
170	12.371	12.351	12.384	VV	17174	326008	3.35%	0.134%
171	12.393	12.384	12.422	VV	17040	380504	3.91%	0.157%
172	12.446	12.422	12.481	VV	17437	584088	6.01%	0.241%
173	12.530	12.481	12.561	VV	17480	788146	8.11%	0.325%
174	12.569	12.561	12.578	VV	16650	165404	1.70%	0.068%
175	12.588	12.578	12.648	VV	17079	670071	6.89%	0.276%
176	12.678	12.648	12.726	VV	57242	1230670	12.66%	0.507%
177	12.745	12.726	12.800	VV	17538	731952	7.53%	0.301%
178	12.823	12.800	12.838	VV	15902	356936	3.67%	0.147%
179	12.848	12.838	12.856	VV	15808	173965	1.79%	0.072%
180	12.871	12.856	12.887	VV	15949	289685	2.98%	0.119%
181	12.897	12.887	12.914	VV	15959	255023	2.62%	0.105%
182	12.932	12.914	12.972	VV	15664	518421	5.33%	0.213%
183	13.075	12.972	13.114	VV	421607	6119125	62.95%	2.520%
184	13.153	13.114	13.192	VV	466276	5704913	58.69%	2.349%
185	13.205	13.192	13.311	VV	14948	979368	10.08%	0.403%
186	13.337	13.311	13.407	VV	17463	807167	8.30%	0.332%
187	13.454	13.407	13.484	VV	463477	5613743	57.75%	2.312%
188	13.523	13.484	13.582	VV	393635	5204225	53.54%	2.143%
189	13.605	13.582	13.620	VV	12328	270110	2.78%	0.111%
190	13.638	13.620	13.653	VV	12351	240169	2.47%	0.099%
191	13.690	13.653	13.733	VV	409512	5217267	53.68%	2.148%
192	13.752	13.733	13.768	VV	12734	257177	2.65%	0.106%
193	13.774	13.768	13.854	VV	12363	592701	6.10%	0.244%
194	13.868	13.854	13.889	VV	11367	230970	2.38%	0.095%

195	13.916	13.889	13.953	VV	15248	465475	4.79%	0.192%
196	13.970	13.953	13.997	VV	10848	274397	2.82%	0.113%
197	14.017	13.997	14.051	VV	10566	331527	3.41%	0.137%
198	14.066	14.051	14.084	VV	9991	197009	2.03%	0.081%
199	14.091	14.084	14.100	VV	9933	93559	0.96%	0.039%
200	14.118	14.100	14.176	VV	10199	439196	4.52%	0.181%
201	14.193	14.176	14.208	VV	9530	175962	1.81%	0.072%
202	14.225	14.208	14.240	VV	9429	177165	1.82%	0.073%
203	14.278	14.240	14.324	VV	399961	5038089	51.83%	2.075%
204	14.333	14.324	14.343	VV	8840	93914	0.97%	0.039%
205	14.347	14.343	14.398	VV	8451	267107	2.75%	0.110%
206	14.405	14.398	14.418	VV	8033	94619	0.97%	0.039%
207	14.427	14.418	14.444	VV	7902	125475	1.29%	0.052%
208	14.457	14.444	14.485	VV	8715	196318	2.02%	0.081%
209	14.501	14.485	14.548	VV	7662	275112	2.83%	0.113%
210	14.559	14.548	14.577	VV	7141	123127	1.27%	0.051%
211	14.591	14.577	14.644	VV	7003	273226	2.81%	0.113%
212	14.647	14.644	14.661	VV	6699	66086	0.68%	0.027%
213	14.680	14.661	14.697	VV	7405	148813	1.53%	0.061%
214	14.713	14.697	14.735	VV	7445	159366	1.64%	0.066%
215	14.751	14.735	14.788	VV	6474	193586	1.99%	0.080%
216	14.800	14.788	14.821	VV	6729	124794	1.28%	0.051%
217	14.839	14.821	14.901	VV	6428	273204	2.81%	0.113%
218	14.914	14.901	15.020	VV	5641	355280	3.66%	0.146%
219	15.041	15.020	15.051	VV	4586	84050	0.86%	0.035%
220	15.068	15.051	15.101	VV	4626	132075	1.36%	0.054%
221	15.114	15.101	15.129	VV	4506	75433	0.78%	0.031%
222	15.148	15.129	15.176	VV	4493	117944	1.21%	0.049%
223	15.235	15.176	15.297	VV	4077	277623	2.86%	0.114%
224	15.340	15.297	15.359	VV	400708	5090859	52.37%	2.096%
225	15.384	15.359	15.455	VV	811957	9720102	100.00%	4.003%
226	15.464	15.455	15.508	VV	3191	93514	0.96%	0.039%
227	15.521	15.508	15.563	VV	2845	87343	0.90%	0.036%
228	15.575	15.563	15.604	VV	2586	60807	0.63%	0.025%
229	15.636	15.604	15.684	VV	2728	113379	1.17%	0.047%
230	15.703	15.684	15.719	VV	2412	47934	0.49%	0.020%
231	15.770	15.719	15.878	VV	18428	469197	4.83%	0.193%
232	15.904	15.878	15.946	VV	3117	94321	0.97%	0.039%
233	15.985	15.946	16.000	VV	4891	94455	0.97%	0.039%
234	16.013	16.000	16.111	VV	4798	121683	1.25%	0.050%
235	16.177	16.111	16.198	VV	1111	47552	0.49%	0.020%
236	16.218	16.198	16.271	VV	920	35014	0.36%	0.014%
237	16.297	16.271	16.344	VV	1294	38240	0.39%	0.016%
238	16.409	16.344	16.454	VV	364756	4506280	46.36%	1.856%
239	16.478	16.454	16.498	VV	606	13166	0.14%	0.005%
240	16.510	16.498	16.570	VV	495	12951	0.13%	0.005%
241	16.618	16.570	16.680	VV	1050	23173	0.24%	0.010%
242	16.712	16.680	16.732	VV	654	11406	0.12%	0.005%
243	16.748	16.732	16.761	VV	334	4270	0.04%	0.002%
244	16.792	16.761	16.836	VV	2056	41190	0.42%	0.017%
245	16.904	16.836	16.920	VV	344419	5065881	52.12%	2.086%
246	16.938	16.920	17.002	VV	428791	5052064	51.98%	2.080%

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247	17.042	17.002	17.071	VV	1165	24701	0.25%	0.010%
248	17.086	17.071	17.123	VV	347	4391	0.05%	0.002%
249	17.150	17.123	17.178	PV	2521	30079	0.31%	0.012%
250	17.224	17.178	17.241	VV	392	10565	0.11%	0.004%
251	17.288	17.241	17.320	VV	393741	5063331	52.09%	2.085%
252	17.360	17.320	17.393	VV	330883	4452545	45.81%	1.834%
253	17.408	17.393	17.461	VV	5657	82264	0.85%	0.034%
254	17.518	17.461	17.532	PV	235	4934	0.05%	0.002%
255	17.564	17.532	17.588	PV	262	4607	0.05%	0.002%
256	17.611	17.588	17.645	VV	317	7288	0.07%	0.003%
257	17.655	17.645	17.666	VV	206	1719	0.02%	0.001%
258	17.711	17.666	17.721	VV	1195	19059	0.20%	0.008%
259	17.740	17.721	17.776	VV	1417	32457	0.33%	0.013%
260	17.809	17.776	17.873	VV	3855	67962	0.70%	0.028%
261	17.896	17.873	17.921	VV	729	9499	0.10%	0.004%
262	17.964	17.921	18.014	VV	307	10868	0.11%	0.004%
263	18.035	18.014	18.070	VV	423	7590	0.08%	0.003%
264	18.140	18.070	18.171	PV	3920	63502	0.65%	0.026%
265	18.251	18.171	18.318	VV	326419	4592518	47.25%	1.891%
266	18.339	18.318	18.371	VV	2171	36701	0.38%	0.015%
267	18.385	18.371	18.395	VV	323	3924	0.04%	0.002%
268	18.445	18.395	18.468	VV	1039	21274	0.22%	0.009%
269	18.496	18.468	18.538	VV	670	14869	0.15%	0.006%
270	18.666	18.538	18.681	PV	410073	6157668	63.35%	2.536%
271	18.702	18.681	18.801	VV	420504	5430357	55.87%	2.236%
272	18.813	18.801	18.857	VV	683	14278	0.15%	0.006%
273	18.926	18.857	19.004	VV	383536	5449531	56.06%	2.244%
274	19.083	19.004	19.142	VV	314134	4556675	46.88%	1.876%
275	19.181	19.142	19.224	PV	2347	41349	0.43%	0.017%
276	19.246	19.224	19.270	VV	550	10264	0.11%	0.004%
277	19.381	19.270	19.398	VV	280	7259	0.07%	0.003%
278	19.476	19.398	19.528	PV	5986	194763	2.00%	0.080%
279	19.578	19.528	19.611	VV	1450	47182	0.49%	0.019%
280	19.677	19.611	19.711	VV	1348	61278	0.63%	0.025%
281	19.783	19.711	19.811	VV	1445	68932	0.71%	0.028%
282	19.868	19.811	19.919	VV	341174	4891391	50.32%	2.014%
283	19.942	19.919	19.957	VV	3318	65834	0.68%	0.027%
284	19.979	19.957	20.025	VV	3419	115933	1.19%	0.048%
285	20.056	20.025	20.083	VV	3299	98359	1.01%	0.041%
286	20.154	20.083	20.184	VV	2836	158537	1.63%	0.065%
287	20.243	20.184	20.271	VV	6771	221310	2.28%	0.091%
288	20.342	20.271	20.362	VV	4587	217250	2.24%	0.089%
289	20.425	20.362	20.448	VV	7782	275673	2.84%	0.114%
290	20.503	20.448	20.516	VV	6590	254019	2.61%	0.105%
291	20.534	20.516	20.554	VV	6567	144399	1.49%	0.059%
292	20.609	20.554	20.662	VV	336965	5080599	52.27%	2.092%
293	20.747	20.662	20.768	VV	9384	458264	4.71%	0.189%
294	20.802	20.768	20.819	VV	7711	237846	2.45%	0.098%
295	20.976	20.819	21.018	VV	10243	996031	10.25%	0.410%
296	21.090	21.018	21.211	VV	13561	1162179	11.96%	0.479%
297	21.274	21.211	21.330	VV	7920	559434	5.76%	0.230%
298	21.390	21.330	21.461	VV	265467	5439120	55.96%	2.240%
299	21.502	21.461	21.565	VV	6325	381034	3.92%	0.157%

rteres

300	21.589	21.565	21.609	VV	5717	148310	1.53%	0.061%
301	21.636	21.609	21.647	VV	5487	125533	1.29%	0.052%
302	21.655	21.647	21.661	VV	5397	46797	0.48%	0.019%
303	21.844	21.661	21.963	VV	6383	957369	9.85%	0.394%
304	21.989	21.963	22.068	VV	3871	219944	2.26%	0.091%
305	22.073	22.068	22.082	VV	2960	25393	0.26%	0.010%
306	22.091	22.082	22.151	VV	2799	102017	1.05%	0.042%
307	22.222	22.151	22.232	VV	2089	101820	1.05%	0.042%
308	22.249	22.232	22.310	VV	1897	74485	0.77%	0.031%
309	22.381	22.310	22.510	VV	193318	5014523	51.59%	2.065%

Sum of corrected areas: 242834840

Aliphatic EPH 062725.M Fri Jul 18 23:50:43 2025

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

Manual Integration Report

Sequence:	FE062725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
50 PPM ALIPHATIC HC	FE054609.D	n-Octatriacontane (C38)	yogesh	6/30/2025 7:50:48 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
50 PPM ALIPHATIC HC	FE054609.D	n-Tetracontane (C40)	yogesh	6/30/2025 7:50:48 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
Q2429-02	FE054617.D	ortho-Terphenyl (SURR)	yogesh	6/30/2025 7:50:50 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054624.D	n-Hexacosane (C26)	yogesh	6/30/2025 7:50:52 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054624.D	n-Tetracontane (C40)	yogesh	6/30/2025 7:50:52 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software

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

Manual Integration Report

Sequence:	FE071825AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168910BSD	FE054923.D	n-Tetratriacontane (C34)	yogesh	7/21/2025 7:38:35 AM	mohammad	7/22/2025 1:47:49	Peak Integrated by Software
Q2618-08MS	FE054930.D	n-Octatriacontane (C38)	yogesh	7/21/2025 7:38:37 AM	mohammad	7/22/2025 1:47:49	Peak Integrated by Software
Q2618-08MS	FE054930.D	n-Tetratriacontane (C34)	yogesh	7/21/2025 7:38:37 AM	mohammad	7/22/2025 1:47:49	Peak Integrated by Software

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

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	FE054606.D	27 Jun 2025 11:53	YP\AJ	Ok
2	I.BLK	FE054607.D	27 Jun 2025 12:23	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE054608.D	27 Jun 2025 12:53	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE054609.D	27 Jun 2025 13:23	YP\AJ	Ok,M
5	20 PPM ALIPHATIC HC STD3	FE054610.D	27 Jun 2025 13:53	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE054611.D	27 Jun 2025 14:23	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE054612.D	27 Jun 2025 14:54	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE054613.D	27 Jun 2025 15:24	YP\AJ	Ok
9	I.BLK	FE054614.D	27 Jun 2025 15:54	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE054615.D	27 Jun 2025 16:24	YP\AJ	Ok
11	Q2429-01	FE054616.D	27 Jun 2025 16:54	YP\AJ	Ok
12	Q2429-02	FE054617.D	27 Jun 2025 17:25	YP\AJ	Ok,M
13	Q2431-01	FE054618.D	27 Jun 2025 17:55	YP\AJ	Ok
14	Q2431-02	FE054619.D	27 Jun 2025 18:25	YP\AJ	Not Ok
15	Q2431-03	FE054620.D	27 Jun 2025 18:55	YP\AJ	Ok
16	Q2431-04	FE054621.D	27 Jun 2025 19:25	YP\AJ	Ok
17	Q2431-05	FE054622.D	27 Jun 2025 19:56	YP\AJ	Not Ok
18	I.BLK	FE054623.D	27 Jun 2025 20:56	YP\AJ	Ok
19	20 PPM ALIPHATIC HC STD	FE054624.D	27 Jun 2025 22:57	YP\AJ	Ok,M

M : Manual Integration

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE071825AL

Review By	yogesh	Review On	7/18/2025 11:28:05 AM		
Supervise By	mohammad	Supervise On	7/22/2025 1:47:49 AM		
SubDirectory	FE071825AL	HP Acquire Method		HP Processing Method	FE062725AL

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	FE054918.D	18 Jul 2025 06:09	YP\AJ	Ok
2	I.BLK	FE054919.D	18 Jul 2025 10:10	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE054920.D	18 Jul 2025 11:26	YP\AJ	Ok
4	PB168910BL	FE054921.D	18 Jul 2025 12:24	YP\AJ	Ok
5	PB168910BS	FE054922.D	18 Jul 2025 12:54	YP\AJ	Ok
6	PB168910BSD	FE054923.D	18 Jul 2025 13:24	YP\AJ	Ok,M
7	Q2618-03	FE054924.D	18 Jul 2025 13:55	YP\AJ	Ok
8	Q2618-04	FE054925.D	18 Jul 2025 14:25	YP\AJ	Ok
9	Q2618-05	FE054926.D	18 Jul 2025 14:55	YP\AJ	Ok
10	Q2618-06	FE054927.D	18 Jul 2025 15:25	YP\AJ	Ok
11	Q2618-07	FE054928.D	18 Jul 2025 15:56	YP\AJ	Ok
12	Q2618-08	FE054929.D	18 Jul 2025 16:26	YP\AJ	Ok
13	Q2618-08MS	FE054930.D	18 Jul 2025 16:57	YP\AJ	Ok,M
14	Q2618-08MSD	FE054931.D	18 Jul 2025 17:27	YP\AJ	Ok
15	I.BLK	FE054932.D	18 Jul 2025 18:28	YP\AJ	Ok
16	20 PPM ALIPHATIC HC STD	FE054933.D	18 Jul 2025 18:58	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

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	FE054606.D	27 Jun 2025 11:53		YP\AJ	Ok
2	I.BLK	I.BLK	FE054607.D	27 Jun 2025 12:23		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE054608.D	27 Jun 2025 12:53		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE054609.D	27 Jun 2025 13:23		YP\AJ	Ok,M
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054610.D	27 Jun 2025 13:53		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE054611.D	27 Jun 2025 14:23		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE054612.D	27 Jun 2025 14:54		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054613.D	27 Jun 2025 15:24		YP\AJ	Ok
9	I.BLK	I.BLK	FE054614.D	27 Jun 2025 15:54		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054615.D	27 Jun 2025 16:24		YP\AJ	Ok
11	Q2429-01	TP-4	FE054616.D	27 Jun 2025 16:54		YP\AJ	Ok
12	Q2429-02	TP-4-EPH	FE054617.D	27 Jun 2025 17:25		YP\AJ	Ok,M
13	Q2431-01	S-1	FE054618.D	27 Jun 2025 17:55		YP\AJ	Ok
14	Q2431-02	Q2431-02	FE054619.D	27 Jun 2025 18:25	Need to run again	YP\AJ	Not Ok
15	Q2431-03	S-3	FE054620.D	27 Jun 2025 18:55		YP\AJ	Ok
16	Q2431-04	S-4	FE054621.D	27 Jun 2025 19:25		YP\AJ	Ok
17	Q2431-05	Q2431-05	FE054622.D	27 Jun 2025 19:56	Need to run again	YP\AJ	Not Ok
18	I.BLK	I.BLK	FE054623.D	27 Jun 2025 20:56		YP\AJ	Ok

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

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	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054624.D	27 Jun 2025 22:57		YP\AJ	Ok,M

M : Manual Integration

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE071825AL

Review By	yogesh	Review On	7/18/2025 11:28:05 AM		
Supervise By	mohammad	Supervise On	7/22/2025 1:47:49 AM		
SubDirectory	FE071825AL	HP Acquire Method		HP Processing Method	FE062725AL

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	FE054918.D	18 Jul 2025 06:09		YP\AJ	Ok
2	I.BLK	I.BLK	FE054919.D	18 Jul 2025 10:10		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054920.D	18 Jul 2025 11:26		YP\AJ	Ok
4	PB168910BL	PB168910BL	FE054921.D	18 Jul 2025 12:24		YP\AJ	Ok
5	PB168910BS	PB168910BS	FE054922.D	18 Jul 2025 12:54		YP\AJ	Ok
6	PB168910BSD	PB168910BSD	FE054923.D	18 Jul 2025 13:24		YP\AJ	Ok,M
7	Q2618-03	1	FE054924.D	18 Jul 2025 13:55		YP\AJ	Ok
8	Q2618-04	2	FE054925.D	18 Jul 2025 14:25		YP\AJ	Ok
9	Q2618-05	3	FE054926.D	18 Jul 2025 14:55		YP\AJ	Ok
10	Q2618-06	4	FE054927.D	18 Jul 2025 15:25		YP\AJ	Ok
11	Q2618-07	5	FE054928.D	18 Jul 2025 15:56		YP\AJ	Ok
12	Q2618-08	6	FE054929.D	18 Jul 2025 16:26		YP\AJ	Ok
13	Q2618-08MS	6MS	FE054930.D	18 Jul 2025 16:57	FE054929.D	YP\AJ	Ok,M
14	Q2618-08MSD	6MSD	FE054931.D	18 Jul 2025 17:27	FE054929.D!FE054930.D	YP\AJ	Ok
15	I.BLK	I.BLK	FE054932.D	18 Jul 2025 18:28		YP\AJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054933.D	18 Jul 2025 18:58		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: rubina
Date: 7/17/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:15
In Date: 07/16/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:40
Out Date: 07/17/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB136505

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2618-01	WASTE	1	1.14	10.42	11.56	10.99	94.5	
Q2618-02	VOC	2	1.16	10.32	11.48	10.75	92.9	
Q2618-03	1	3	1.16	10.28	11.44	10.52	91.1	
Q2618-04	2	4	1.19	10.41	11.6	10.93	93.6	
Q2618-05	3	5	1.14	10.31	11.45	10.85	94.2	
Q2618-06	4	6	1.17	10.46	11.63	10.94	93.4	
Q2618-07	5	7	1.17	10.59	11.76	11.1	93.8	
Q2618-08	6	8	1.13	10.65	11.78	11.08	93.4	
Q2619-01	GAS-BUR-1337	11	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2619-02	GAS-BUR-1336	12	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2620-01	GAS-BUR-0010	13	1.00	1.00	2.00	2.00	100.0	oily-debris
Q2621-01	TR-05-07162025	14	1.14	10.19	11.33	10.73	94.1	
Q2621-02	TR-05-07162025-E2	15	1.19	10.44	11.63	10.87	92.7	
Q2622-01	2819	9	1.18	10.42	11.6	8.79	73.0	
Q2622-02	2819-E2	10	1.12	10.34	11.46	8.92	75.4	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

V13136505

WorkList Name : %1-071625 **WorkList ID :** 190750 **Department :** Wet-Chemistry **Date :** 07-16-2025 08:09:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2618-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-08	6	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2619-01	GAS-BUR-1337	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/16/2025	Chemtech -SO
Q2619-02	GAS-BUR-1336	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/16/2025	Chemtech -SO
Q2620-01	GAS-BUR-0010	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/16/2025	Chemtech -SO
Q2621-01	TR-05-07162025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	07/16/2025	Chemtech -SO
Q2621-02	TR-05-07162025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	07/16/2025	Chemtech -SO
Q2622-01	2819	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/16/2025	Chemtech -SO
Q2622-02	2819-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/16/2025	Chemtech -SO

Date/Time 07-16-25 15:25
Raw Sample Received by: SO (well)
Raw Sample Relinquished by: RJ (ELI-Web)

Date/Time 07-16-25 17:30
Raw Sample Received by: RJ (ELI-Web)
Raw Sample Relinquished by: SO (well)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168910

SOP ID:	MNJDEP-EPH-8				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/18/2025
Matrix :	Solid			**Extraction Start Time :**	08:55
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/18/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:10
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24728
Surrogate	1.0ML	100 PPM	PP24652
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2625
Sand	N/A	E3951
Methylene Chloride	N/A	E3954
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/18/25 12:15	RS (Extrab)	R. Patel/PCB Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

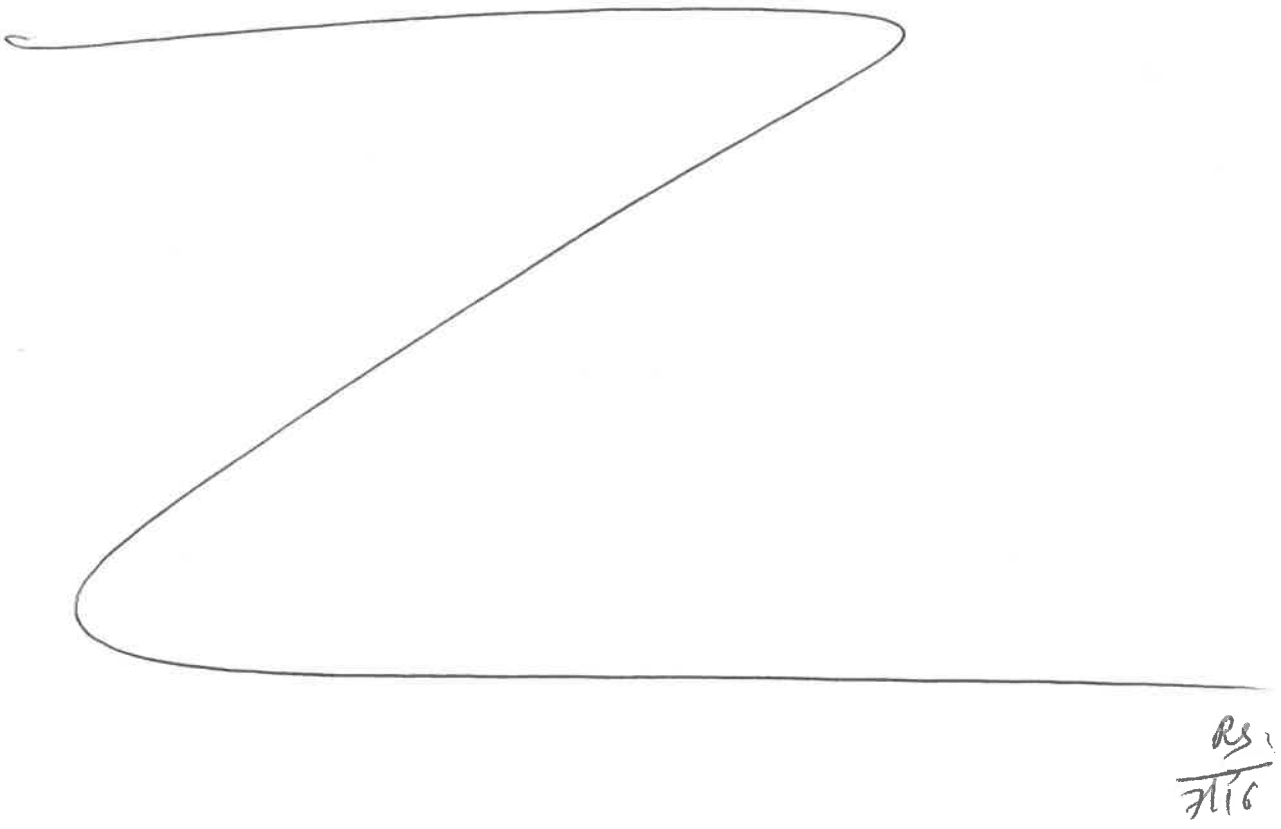
EXTRACTION LOGPAGE

PrepBatch ID : PB168910

Analytical Method: MNJDEP-EPH-8

Concentration Date: 07/18/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168910BL	PB168910BL	EPH_F2	30.02	N/A	ritesh	Evelyn	2			U3-1
PB168910BS	PB168910BS	EPH_F2	30.02	N/A	ritesh	Evelyn	2			2
PB168910BSD	PB168910BSD	EPH_F2	30.01	N/A	ritesh	Evelyn	2			3
Q2618-03	1	EPH_F2	30.03	N/A	ritesh	Evelyn	2			4
Q2618-04	2	EPH_F2	30.08	N/A	ritesh	Evelyn	2			5
Q2618-05	3	EPH_F2	30.05	N/A	ritesh	Evelyn	2			6
Q2618-06	4	EPH_F2	30.04	N/A	ritesh	Evelyn	2			U6-1
Q2618-07	5	EPH_F2	30.02	N/A	ritesh	Evelyn	2			2
Q2618-08	6	EPH_F2	30.09	N/A	ritesh	Evelyn	2			3
Q2618-08MS	6MS	EPH_F2	30.07	N/A	ritesh	Evelyn	2			4
Q2618-08MSD	6MSD	EPH_F2	30.04	N/A	ritesh	Evelyn	2			5



RS 7/16

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

168910 8:55

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2618F2 **WorkList ID :** 190817 **Department :** Extraction **Date :** 07-18-2025 08:34:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2618-03	1	Solid	EPH_F2	Cool 4 deg C	SCIA01	O11	07/16/2025	NJEPH
Q2618-04	2	Solid	EPH_F2	Cool 4 deg C	SCIA01	O11	07/16/2025	NJEPH
Q2618-05	3	Solid	EPH_F2	Cool 4 deg C	SCIA01	O11	07/16/2025	NJEPH
Q2618-06	4	Solid	EPH_F2	Cool 4 deg C	SCIA01	O11	07/16/2025	NJEPH
Q2618-07	5	Solid	EPH_F2	Cool 4 deg C	SCIA01	O11	07/16/2025	NJEPH
Q2618-08	6	Solid	EPH_F2	Cool 4 deg C	SCIA01	O11	07/16/2025	NJEPH

Date/Time 07/18/25 8:50
Raw Sample Received by: RJ (Ext-Lab)
Raw Sample Relinquished by: CR SM

Date/Time 07/18/25 9:05
Raw Sample Received by: CR SM
Raw Sample Relinquished by: RJ (Ext-Lab)

SHIPPING DOCUMENTS

164 Belmont AVE
Belleville.

166 Belmont AVE Q2618

CHEMTECH
CHAIN OF CUSTODY RECORD

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

Chemtech Project Number: Belleville.
COC Number:

CLIENT INFORMATION

Report to be sent to:
COMPANY:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE: FAX:

PROJECT INFORMATION

PROJECT NAME:
PROJECT #: LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: PO#
ADDRESS:
CITY: Belleville STATE: NJ ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ EDD FORMAT _____
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other _____

ANALYSIS

1 TPH_GC
2 VOC
3 EPH_F2
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE: COMP	SAMPLE TYPE: GRAB	SAMPLE COLLECTION: DATE	SAMPLE COLLECTION: TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	WASTE				7/16	8:30	1	X									
2.	VOC					8:30	1		X								
3.	1					8:45	1			X							
4.	2					9:15	1			X							
5.	3					9:40	1			X							
6.	4					10	1			X							
7.	5					10:30	1			X							
8.	6					9:30											
9.																	
10.																	

COMMENTS: <--Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	1145 7-16-25	1. 1145 7-16-25
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME 1315 7-16-25	RECEIVED FOR LAB BY 3.

Conditions of bottles or coilers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.1°C
Comments:

Page _____ of _____

CLIENT: ☐ Hand Delivered ☐ Other: _____
CHEMTECH: ☐ Picked Up

Shipment Complete ☐ YES ☐ NO

0/2019

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

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2618 SCIA01
Client Name : Sciacca General Contractors
Client Contact : Rosanne Scirica
Invoice Name : Sciacca General Contractors
Invoice Contact : Rosanne Scirica

Order Date : 7/16/2025 12:13:00 PM
Project Name : ~~98 Morse Ave Nutley~~ 166 Belmont Ave
Receive DateTime : 7/16/2025 ~~2:00:00 PM~~ 13:15 PM
Purchase Order :

Project Mgr : Deepak
Report Type : Results Only
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff : 7/16/2025 1:55:47 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2618-02	VOC	Solid	07/16/2025	08:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :
Date / Time : 7-16-25 1420

Received By : Sam
Date / Time : 07/16/25 14:20
Storage Area : VOA Refridgerator Room

Rg # 6
E 22