

Cover Page

Order ID : Q3011

Project ID : 4 Hampton Place, Nutley

Client : Sciacca General Contractors, LLC

Lab Sample Number

Q3011-01
Q3011-02
Q3011-03
Q3011-04
Q3011-05
Q3011-06
Q3011-07
Q3011-08

Client Sample Number

WASTE
VOC
1
2
3
4
5
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: 9/6/2025

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3011

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: MAHESH PATEL

Date: 09/06/2025

LAB CHRONICLE

OrderID: Q3011	OrderDate: 9/3/2025 3:51:00 PM
Client: Sciacca General Contractors, LLC	Project: 4 Hampton Place, Nutley
Contact: Rosanne Scirica	Location: J33,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3011-03	1	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3011-04	2	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3011-05	3	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3011-06	4	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3011-07	5	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3011-08	6	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: SCIA01
Lab Code: ACE SDG No.: Q3011
Run Number: FE090425AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB169545BL	74	77		0
PB169545BS	67	65		0
PB169545BSD	68	67		0
1	64	64		0
2	51	52		0
3	71	70		0
3MS	67	65		0
3MSD	69	66		0
4	66	64		0
5	63	62		0
6	57	55		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

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

SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Sciacca General Contractors, LLC</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3011</u>
Sample No :	<u>Q3011-05MS</u>	Datafile:	<u>FE055666.D</u>
		Client ID :	<u>3MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	32.3	4.56	32.8	88		(40-140)
Aliphatic C9-C28	107.6	3.29	93.3	84		(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	0.0113	3.0904	86		(40-140)
n-Decane (C10)	3.6	0.0113	6.7482	187	*	(40-140)
Naphthalene (C11.7)	3.6	0.0226	3.4183	94		(40-140)
n-Dodecane (C12)	3.6	0.0159	3.3717	93		(40-140)
2-methylnaphthalene (C12.89)	3.6	0.0100	3.2916	91		(40-140)
n-Tetradecane (C14)	3.6	0.0218	3.4933	96		(40-140)
n-Hexadecane (C16)	3.6	0.0192	3.5084	97		(40-140)
n-Octadecane (C18)	3.6	0.0208	3.3390	92		(40-140)
n-Eicosane (C20)	3.6	0.0178	3.4249	95		(40-140)
n-Heneicosane (C21)	3.6	0.0220	3.2568	90		(40-140)
n-Docosane (C22)	3.6	0.0196	3.1624	87		(40-140)
n-Tetracosane (C24)	7.2	0.0876	9.2307	127		(40-140)
n-Hexacosane (C26)	3.6	0.0256	2.9677	82		(40-140)
n-Octacosane (C28)	3.6	0.1430	3.0503	81		(40-140)
n-Tricontane (C30)	3.6	0.1198	2.9244	78		(40-140)
n-Dotriacontane (C32)	3.6	0.1296	3.1676	84		(40-140)
n-Tetratriacontane (C34)	3.6	0.0948	3.2410	87		(40-140)
n-Hexatriacontane (C36)	3.6	0.2598	3.6685	95		(40-140)
n-Octatriacontane (C38)	3.6	0.2416	3.8776	101		(40-140)
n-Tetracontane (C40)	3.6	0.0500	3.5264	97		(40-140)

SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Sciacca General Contractors, LLC</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3011</u>
Sample No :	<u>Q3011-05MSD</u>	Datafile:	<u>FE055667.D</u>
		Client ID :	<u>3MSD</u>

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	32.3	4.56	34.6	93		5.99 (40-140)	50
Aliphatic C9-C28	107.7	3.29	97.6	88		4.6 (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	0.0113	3.2575	90		4.55 (40-140)	50
n-Decane (C10)	3.6	0.0113	7.1026	197	*	5.21 (40-140)	50
Naphthalene (C11.7)	3.6	0.0226	3.5956	99		5.18 (40-140)	50
n-Dodecane (C12)	3.6	0.0159	3.5559	98		5.24 (40-140)	50
2-methylnaphthalene (C12.89)	3.6	0.0100	3.4710	96		5.35 (40-140)	50
n-Tetradecane (C14)	3.6	0.0218	3.6910	102		6.06 (40-140)	50
n-Hexadecane (C16)	3.6	0.0192	3.7047	102		5.03 (40-140)	50
n-Octadecane (C18)	3.6	0.0208	3.5299	97		5.29 (40-140)	50
n-Eicosane (C20)	3.6	0.0178	3.6134	100		5.13 (40-140)	50
n-Heneicosane (C21)	3.6	0.0220	3.4333	95		5.41 (40-140)	50
n-Docosane (C22)	3.6	0.0196	3.3536	93		6.67 (40-140)	50
n-Tetracosane (C24)	7.2	0.0876	9.9157	137		7.58 (40-140)	50
n-Hexacosane (C26)	3.6	0.0256	3.1587	87		5.92 (40-140)	50
n-Octacosane (C28)	3.6	0.1430	3.2644	87		7.14 (40-140)	50
n-Tricontane (C30)	3.6	0.1198	3.1286	84		7.41 (40-140)	50
n-Dotriacontane (C32)	3.6	0.1296	3.3867	90		6.9 (40-140)	50
n-Tetratriacontane (C34)	3.6	0.0948	3.4521	93		6.67 (40-140)	50
n-Hexatriacontane (C36)	3.6	0.2598	3.8108	99		4.12 (40-140)	50
n-Octatriacontane (C38)	3.6	0.2416	3.9857	104		2.93 (40-140)	50
n-Tetracontane (C40)	3.6	0.0500	3.6928	101		4.04 (40-140)	50

SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Sciacca General Contractors, LLC</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3011</u>
Sample No :	<u>PB169545BS</u>	Datafile:	<u>FE055661.D</u>
		Client ID :	<u>PB169545BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	18.5	62		(40-140)
Aliphatic C9-C28	100.1	61.3	62		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	2.13068	65		(40-140)
n-Decane (C10)	3.3	2.20838	67		(40-140)
Naphthalene (C11.7)	3.3	2.20217	67		(40-140)
n-Dodecane (C12)	3.3	2.23151	68		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.09227	63		(40-140)
n-Tetradecane (C14)	3.3	2.29880	70		(40-140)
n-Hexadecane (C16)	3.3	2.29146	69		(40-140)
n-Octadecane (C18)	3.3	2.20512	67		(40-140)
n-Eicosane (C20)	3.3	2.29392	70		(40-140)
n-Heneicosane (C21)	3.3	2.20633	67		(40-140)
n-Docosane (C22)	3.3	2.17333	66		(40-140)
n-Tetracosane (C24)	6.7	4.43135	66		(40-140)
n-Hexacosane (C26)	3.3	2.14733	65		(40-140)
n-Octacosane (C28)	3.3	2.19047	66		(40-140)
n-Tricontane (C30)	3.3	2.08035	63		(40-140)
n-Dotriacontane (C32)	3.3	2.06090	62		(40-140)
n-Tetratriacontane (C34)	3.3	2.21789	67		(40-140)
n-Hexatriacontane (C36)	3.3	2.37369	72		(40-140)
n-Octatriacontane (C38)	3.3	2.46603	75		(40-140)
n-Tetracontane (C40)	3.3	2.37129	72		(40-140)

SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Sciacca General Contractors, LLC</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3011</u>
Sample No :	<u>PB169545BSD</u>	Datafile:	<u>FE055662.D</u>
		Client ID :	<u>PB169545BSD</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	20.6	69		10 (40-140)	25
Aliphatic C9-C28	99.9	63.0	64		2.7 (40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	3.3	2.17389	66		1.53 (40-140)	25
n-Decane (C10)	3.3	2.26213	69		2.94 (40-140)	25
Naphthalene (C11.7)	3.3	2.26950	69		2.94 (40-140)	25
n-Dodecane (C12)	3.3	2.31482	70		2.9 (40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.15400	65		3.13 (40-140)	25
n-Tetradecane (C14)	3.3	2.36875	72		2.82 (40-140)	25
n-Hexadecane (C16)	3.3	2.36224	72		4.26 (40-140)	25
n-Octadecane (C18)	3.3	2.25891	68		1.48 (40-140)	25
n-Eicosane (C20)	3.3	2.34152	71		1.42 (40-140)	25
n-Heneicosane (C21)	3.3	2.24467	68		1.48 (40-140)	25
n-Docosane (C22)	3.3	2.20540	67		1.5 (40-140)	25
n-Tetracosane (C24)	6.7	4.50637	67		1.5 (40-140)	25
n-Hexacosane (C26)	3.3	2.15090	65		0 (40-140)	25
n-Octacosane (C28)	3.3	2.20688	67		1.5 (40-140)	25
n-Tricontane (C30)	3.3	2.16120	65		3.13 (40-140)	25
n-Dotriacontane (C32)	3.3	2.20157	67		7.75 (40-140)	25
n-Tetratriacontane (C34)	3.3	2.36775	72		7.19 (40-140)	25
n-Hexatriacontane (C36)	3.3	2.52840	77		6.71 (40-140)	25
n-Octatriacontane (C38)	3.3	2.62160	79		5.19 (40-140)	25
n-Tetracontane (C40)	3.3	2.51537	76		5.41 (40-140)	25

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169545BL

Lab Name: Alliance

Contract: SCIA01

Lab Code: ACE

SDG NO.: Q3011

Instrument ID: FID_E

Lab Sample ID: PB169545BL

Matrix: (soil/water) Solid

Date Extracted: 9/4/2025 9:05:00 AM

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB169545BS	PB169545BS
PB169545BSD	PB169545BSD
1	Q3011-03
2	Q3011-04
3	Q3011-05
3MS	Q3011-05MS
3MSD	Q3011-05MSD
4	Q3011-06
5	Q3011-07
6	Q3011-08

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	1	SDG No.:	Q3011
Lab Sample ID:	Q3011-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
09/04/25 09:05	09/04/25 14:59	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.79		1	0.99	4.33	mg/kg	FE055663.D
Total EPH	Total EPH	5.79			0.99	4.33	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	1	SDG No.:	Q3011
Lab Sample ID:	Q3011-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
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
FE055663.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.79		0.99	4.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.61		1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.8		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.8		40 - 140	64%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3011-03	Acq On:	04 Sep 2025 14:59
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE055663.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	3.312	6.946	541994	4.221	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1136069	8.409	200	ug/ml
Aliphatic C16-C21	10.399	13.777	2557985	17.737	300	ug/ml
Aliphatic C21-C28	13.778	17.448	7136953	49.827	400	ug/ml
Aliphatic C28-C40	17.449	22.463	16405685	119.124	600	ug/ml
Aliphatic EPH	3.312	22.463	27778686	199.318		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	5224676	31.8		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	3973260	31.77		ug/ml
Aliphatic C9-C28	3.312	17.448	11373001	80.194	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055663.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 14:59
 Operator : YP\AJ
 Sample : Q3011-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 1

Integration File: autoint1.e
 Quant Time: Sep 05 01:25:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.074	5224676	31.803 ug/ml
Spiked Amount 50.000		Recovery =	63.61%
12) S 1-chlorooctadecane (S...	13.511	3973260	31.775 ug/mlm
Spiked Amount 50.000		Recovery =	63.55%

Target Compounds

(f)=RT Delta > 1/2 Window

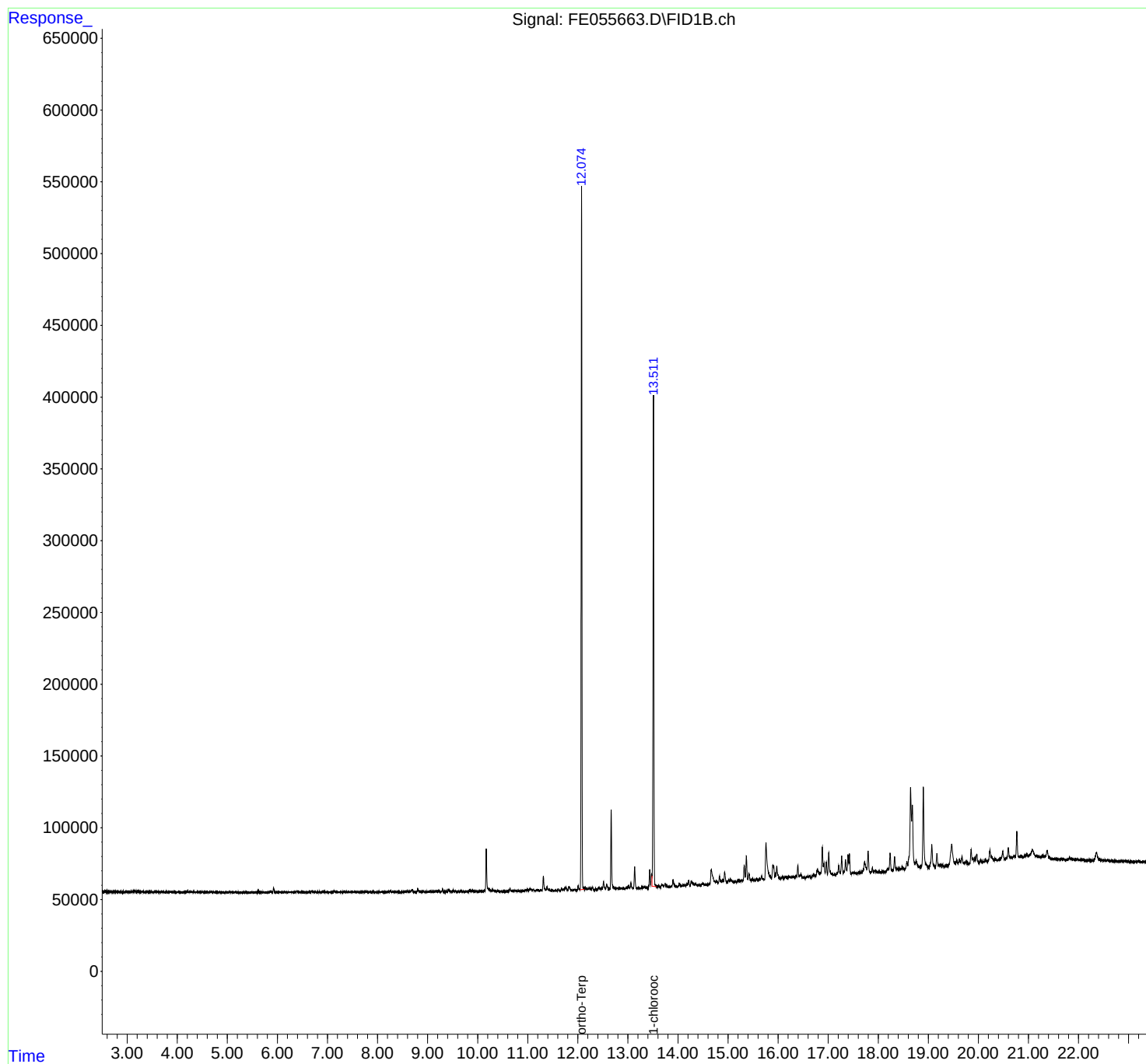
(m)=manual int.

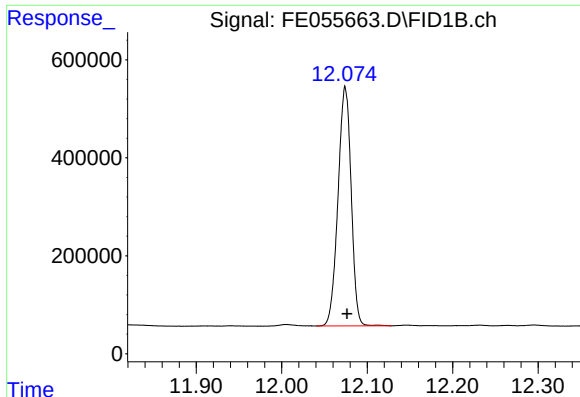
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055663.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 14:59
Operator : YP\AJ
Sample : Q3011-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
1

Integration File: autoint1.e
Quant Time: Sep 05 01:25:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

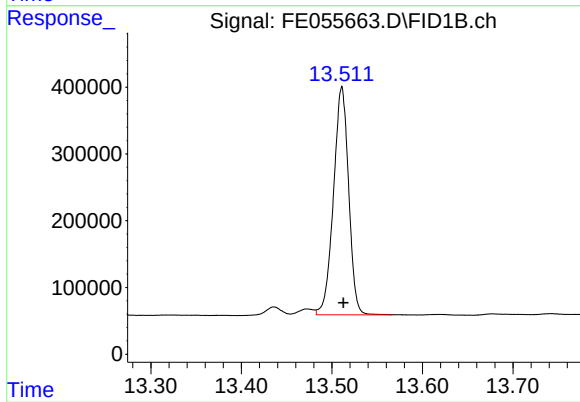




#9 ortho-Terphenyl (SURR)

R.T.: 12.074 min
Delta R.T.: -0.002 min
Response: 5224676
Conc: 31.80 ug/ml

Instrument :
FID_E
ClientSampleId :
1



#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 3973260
Conc: 31.77 ug/ml m

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055663.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 14:59
 Sample : Q3011-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	2.835	2.805	2.863	BV	176	3475	0.07%	0.009%
2	2.872	2.863	2.911	VV	143	2002	0.04%	0.005%
3	2.928	2.911	2.962	VV	131	3069	0.06%	0.008%
4	2.986	2.962	3.004	VV	198	3460	0.07%	0.009%
5	3.053	3.004	3.069	VV	403	9359	0.18%	0.025%
6	3.079	3.069	3.126	VV	310	9839	0.19%	0.026%
7	3.158	3.126	3.255	VV	521	26796	0.51%	0.072%
8	3.260	3.255	3.274	VV	177	1802	0.03%	0.005%
9	3.291	3.274	3.310	VV	252	4131	0.08%	0.011%
10	3.324	3.310	3.381	VV	313	7334	0.14%	0.020%
11	3.412	3.381	3.518	VV	315	14223	0.27%	0.038%
12	3.559	3.518	3.571	VV	262	5658	0.11%	0.015%
13	3.575	3.571	3.654	VV	249	7361	0.14%	0.020%
14	3.677	3.654	3.731	VV	158	5034	0.10%	0.014%
15	3.768	3.731	3.786	VV	207	4471	0.09%	0.012%
16	3.803	3.786	3.831	VV	189	3636	0.07%	0.010%
17	3.870	3.831	3.905	VV	193	6912	0.13%	0.019%
18	3.915	3.905	3.951	VV	183	3912	0.07%	0.010%
19	3.958	3.951	4.041	VV	194	6873	0.13%	0.018%
20	4.052	4.041	4.068	VV	147	1543	0.03%	0.004%
21	4.104	4.068	4.112	VV	166	2706	0.05%	0.007%
22	4.120	4.112	4.155	VV	148	2775	0.05%	0.007%
23	4.159	4.155	4.181	VV	115	965	0.02%	0.003%
24	4.208	4.181	4.230	VV	821	11222	0.21%	0.030%
25	4.250	4.230	4.333	VV	766	22029	0.42%	0.059%
26	4.411	4.333	4.431	VV	356	13746	0.26%	0.037%
27	4.443	4.431	4.491	VV	477	10227	0.19%	0.027%
28	4.511	4.491	4.603	VV	285	13181	0.25%	0.035%
29	4.622	4.603	4.655	VV	235	5798	0.11%	0.016%
30	4.670	4.655	4.711	VV	435	9576	0.18%	0.026%
31	4.718	4.711	4.743	VV	253	4042	0.08%	0.011%
32	4.750	4.743	4.775	VV	239	3378	0.06%	0.009%
33	4.784	4.775	4.823	VV	289	4218	0.08%	0.011%
34	4.841	4.823	4.876	VV	687	9466	0.18%	0.025%
35	4.911	4.876	4.940	VV	269	7125	0.14%	0.019%
36	4.955	4.940	4.978	VV	210	3625	0.07%	0.010%

					rt	er		
37	5.017	4.978	5.118	VV	324	21367	0.41%	0.057%
38	5.127	5.118	5.148	VV	294	3575	0.07%	0.010%
39	5.154	5.148	5.174	VV	184	2537	0.05%	0.007%
40	5.184	5.174	5.274	VV	198	6423	0.12%	0.017%
41	5.337	5.274	5.359	PV	222	6663	0.13%	0.018%
42	5.403	5.359	5.470	VV	202	8625	0.16%	0.023%
43	5.496	5.470	5.531	VV	238	5647	0.11%	0.015%
44	5.619	5.531	5.798	VV	1755	39808	0.76%	0.107%
45	5.813	5.798	5.835	VV	275	4062	0.08%	0.011%
46	5.858	5.835	5.896	VV	748	15807	0.30%	0.042%
47	5.924	5.896	6.034	VV	3319	56988	1.08%	0.153%
48	6.054	6.034	6.093	VV	333	7968	0.15%	0.021%
49	6.133	6.093	6.161	VV	380	9917	0.19%	0.027%
50	6.184	6.161	6.293	VV	399	22910	0.44%	0.061%
51	6.391	6.293	6.458	VV	858	37520	0.71%	0.101%
52	6.476	6.458	6.523	VV	416	13262	0.25%	0.036%
53	6.552	6.523	6.608	VV	486	14486	0.28%	0.039%
54	6.637	6.608	6.658	VV	229	6642	0.13%	0.018%
55	6.686	6.658	6.795	VV	1257	33004	0.63%	0.089%
56	6.807	6.795	6.835	VV	278	5894	0.11%	0.016%
57	6.846	6.835	6.875	VV	390	6870	0.13%	0.018%
58	6.884	6.875	6.898	VV	262	3622	0.07%	0.010%
59	6.928	6.898	6.971	VV	826	17361	0.33%	0.047%
60	7.001	6.971	7.034	VV	335	9103	0.17%	0.024%
61	7.051	7.034	7.091	VV	272	5813	0.11%	0.016%
62	7.127	7.091	7.234	VV	1005	32040	0.61%	0.086%
63	7.255	7.234	7.295	VV	283	7893	0.15%	0.021%
64	7.331	7.295	7.458	VV	702	37758	0.72%	0.101%
65	7.494	7.458	7.510	VV	422	8981	0.17%	0.024%
66	7.526	7.510	7.551	VV	450	7660	0.15%	0.021%
67	7.569	7.551	7.611	VV	397	8164	0.16%	0.022%
68	7.632	7.611	7.648	VV	374	5595	0.11%	0.015%
69	7.667	7.648	7.770	VV	366	17775	0.34%	0.048%
70	7.794	7.770	7.951	VV	437	27101	0.52%	0.073%
71	7.978	7.951	7.995	VV	166	2665	0.05%	0.007%
72	8.026	7.995	8.061	PV	376	6885	0.13%	0.018%
73	8.089	8.061	8.141	VV	666	10907	0.21%	0.029%
74	8.155	8.141	8.188	VV	142	2607	0.05%	0.007%
75	8.258	8.188	8.388	VV	1082	37003	0.70%	0.099%
76	8.414	8.388	8.474	VV	240	8161	0.16%	0.022%
77	8.504	8.474	8.528	VV	315	6163	0.12%	0.017%
78	8.580	8.528	8.605	VV	675	18936	0.36%	0.051%
79	8.611	8.605	8.658	VV	605	15003	0.29%	0.040%
80	8.685	8.658	8.751	VV	1456	35615	0.68%	0.096%
81	8.804	8.751	8.895	VV	2074	47647	0.91%	0.128%
82	8.915	8.895	8.995	VV	739	13035	0.25%	0.035%
83	9.052	8.995	9.085	VV	681	17913	0.34%	0.048%
84	9.104	9.085	9.138	VV	470	12309	0.23%	0.033%
85	9.162	9.138	9.208	VV	747	20937	0.40%	0.056%
86	9.223	9.208	9.275	VV	628	13066	0.25%	0.035%
87	9.297	9.275	9.357	VV	1829	30937	0.59%	0.083%
88	9.421	9.357	9.485	VV	1355	43567	0.83%	0.117%
89	9.514	9.485	9.598	VV	1223	32666	0.62%	0.088%

					rteres			
90	9.614	9.598	9.648	VV	214	5509	0.10%	0.015%
91	9.668	9.648	9.684	VV	390	5456	0.10%	0.015%
92	9.701	9.684	9.732	VV	456	7584	0.14%	0.020%
93	9.757	9.732	9.778	VV	287	5550	0.11%	0.015%
94	9.845	9.778	9.878	VV	1259	30344	0.58%	0.081%
95	9.897	9.878	9.941	VV	1044	23707	0.45%	0.064%
96	9.976	9.941	9.998	VV	497	13447	0.26%	0.036%
97	10.041	9.998	10.095	VV	516	20465	0.39%	0.055%
98	10.172	10.095	10.278	VV	29691	437291	8.32%	1.174%
99	10.297	10.278	10.375	VV	1828	42811	0.81%	0.115%
100	10.404	10.375	10.438	VV	557	12414	0.24%	0.033%
101	10.467	10.438	10.540	VV	292	10808	0.21%	0.029%
102	10.647	10.540	10.671	PV	2130	38000	0.72%	0.102%
103	10.689	10.671	10.711	VV	620	10563	0.20%	0.028%
104	10.737	10.711	10.765	VV	605	15758	0.30%	0.042%
105	10.781	10.765	10.805	VV	557	8898	0.17%	0.024%
106	10.828	10.805	10.858	VV	478	8714	0.17%	0.023%
107	10.907	10.858	10.935	VV	471	16270	0.31%	0.044%
108	10.962	10.935	10.977	VV	1008	19168	0.36%	0.051%
109	10.995	10.977	11.017	VV	1600	24547	0.47%	0.066%
110	11.040	11.017	11.091	VV	1658	47046	0.90%	0.126%
111	11.110	11.091	11.135	VV	1053	19859	0.38%	0.053%
112	11.180	11.135	11.228	VV	896	32504	0.62%	0.087%
113	11.264	11.228	11.285	VV	696	16703	0.32%	0.045%
114	11.312	11.285	11.358	VV	10363	155719	2.96%	0.418%
115	11.385	11.358	11.475	VV	3078	70574	1.34%	0.189%
116	11.487	11.475	11.531	VV	350	7732	0.15%	0.021%
117	11.554	11.531	11.581	VV	213	3065	0.06%	0.008%
118	11.605	11.581	11.645	PV	836	13897	0.26%	0.037%
119	11.677	11.645	11.698	VV	1603	24159	0.46%	0.065%
120	11.761	11.698	11.798	VV	2692	75233	1.43%	0.202%
121	11.824	11.798	11.885	VV	2621	61179	1.16%	0.164%
122	11.941	11.885	11.978	VV	747	16839	0.32%	0.045%
123	12.006	11.978	12.038	PV	3352	49383	0.94%	0.133%
124	12.074	12.038	12.129	VV	489449	5255568	100.00%	14.106%
125	12.147	12.129	12.191	VV	2075	43490	0.83%	0.117%
126	12.231	12.191	12.249	VV	1840	37777	0.72%	0.101%
127	12.295	12.249	12.335	VV	2141	47299	0.90%	0.127%
128	12.357	12.335	12.385	PV	559	8767	0.17%	0.024%
129	12.418	12.385	12.461	VV	1821	48358	0.92%	0.130%
130	12.514	12.461	12.558	VV	5562	115193	2.19%	0.309%
131	12.577	12.558	12.631	VV	3862	74007	1.41%	0.199%
132	12.666	12.631	12.742	VV	54977	666229	12.68%	1.788%
133	12.758	12.742	12.821	VV	1084	36225	0.69%	0.097%
134	12.836	12.821	12.941	VV	748	39462	0.75%	0.106%
135	13.014	12.941	13.036	VV	1811	59684	1.14%	0.160%
136	13.061	13.036	13.103	VV	3628	58275	1.11%	0.156%
137	13.136	13.103	13.194	VV	15188	207395	3.95%	0.557%
138	13.222	13.194	13.249	VV	489	9454	0.18%	0.025%
139	13.322	13.249	13.395	PV	1003	46473	0.88%	0.125%
140	13.436	13.395	13.455	VV	12940	160029	3.04%	0.430%
141	13.511	13.455	13.593	VV	343189	4158688	79.13%	11.162%

					rteres			
142	13.618	13.593	13.655	VV	1386	27087	0.52%	0.073%
143	13.679	13.655	13.718	VV	2073	48121	0.92%	0.129%
144	13.742	13.718	13.848	VV	2313	65628	1.25%	0.176%
145	13.903	13.848	13.975	VV	5065	94938	1.81%	0.255%
146	14.028	13.975	14.073	VV	2133	41058	0.78%	0.110%
147	14.102	14.073	14.116	VV	1036	17596	0.33%	0.047%
148	14.135	14.116	14.154	VV	1384	20168	0.38%	0.054%
149	14.214	14.154	14.241	VV	4210	85414	1.63%	0.229%
150	14.265	14.241	14.332	VV	3568	101240	1.93%	0.272%
151	14.351	14.332	14.391	VV	1791	30786	0.59%	0.083%
152	14.417	14.391	14.441	VV	402	8504	0.16%	0.023%
153	14.490	14.441	14.581	PV	1352	52268	0.99%	0.140%
154	14.667	14.581	14.750	VV	10435	350807	6.67%	0.942%
155	14.770	14.750	14.805	VV	2844	63533	1.21%	0.171%
156	14.829	14.805	14.874	VV	5815	122052	2.32%	0.328%
157	14.933	14.874	14.988	VV	8421	218496	4.16%	0.586%
158	15.050	14.988	15.105	VV	2713	142402	2.71%	0.382%
159	15.144	15.105	15.165	VV	1449	41450	0.79%	0.111%
160	15.207	15.165	15.247	VV	2362	78725	1.50%	0.211%
161	15.275	15.247	15.292	VV	1988	46316	0.88%	0.124%
162	15.323	15.292	15.343	VV	11958	189338	3.60%	0.508%
163	15.366	15.343	15.396	VV	18809	291711	5.55%	0.783%
164	15.417	15.396	15.465	VV	6250	130587	2.48%	0.351%
165	15.486	15.465	15.536	VV	2635	78377	1.49%	0.210%
166	15.566	15.536	15.598	VV	2337	58500	1.11%	0.157%
167	15.669	15.598	15.721	VV	4142	152149	2.90%	0.408%
168	15.759	15.721	15.865	VV	26434	763086	14.52%	2.048%
169	15.898	15.865	15.935	VV	10283	296129	5.63%	0.795%
170	15.974	15.935	16.055	VV	10354	289083	5.50%	0.776%
171	16.078	16.055	16.119	VV	2249	70100	1.33%	0.188%
172	16.150	16.119	16.191	VV	2335	87421	1.66%	0.235%
173	16.215	16.191	16.241	VV	2361	61071	1.16%	0.164%
174	16.281	16.241	16.311	VV	2262	81994	1.56%	0.220%
175	16.324	16.311	16.338	VV	2138	30841	0.59%	0.083%
176	16.394	16.338	16.421	VV	9941	196775	3.74%	0.528%
177	16.455	16.421	16.545	VV	3707	130571	2.48%	0.350%
178	16.623	16.545	16.658	VV	1809	100386	1.91%	0.269%
179	16.704	16.658	16.737	VV	2186	86419	1.64%	0.232%
180	16.785	16.737	16.835	VV	5882	218921	4.17%	0.588%
181	16.884	16.835	16.938	VV	21067	544385	10.36%	1.461%
182	16.962	16.938	16.986	VV	11024	186270	3.54%	0.500%
183	17.012	16.986	17.125	VV	17443	406304	7.73%	1.091%
184	17.211	17.125	17.238	VV	7903	227991	4.34%	0.612%
185	17.270	17.238	17.301	VV	14354	253327	4.82%	0.680%
186	17.347	17.301	17.370	VV	11617	235229	4.48%	0.631%
187	17.424	17.370	17.456	VV	15841	454235	8.64%	1.219%
188	17.508	17.456	17.576	VV	2590	148032	2.82%	0.397%
189	17.630	17.576	17.658	VV	2510	101904	1.94%	0.274%
190	17.728	17.658	17.767	VV	9154	324353	6.17%	0.871%
191	17.797	17.767	17.848	VV	16797	333063	6.34%	0.894%
192	17.883	17.848	17.908	VV	4989	105596	2.01%	0.283%
193	17.934	17.908	18.005	VV	3229	123878	2.36%	0.332%
194	18.023	18.005	18.055	VV	2008	48125	0.92%	0.129%

					rteres			
195	18.082	18.055	18.103	VV	2084	49126	0.93%	0.132%
196	18.125	18.103	18.145	VV	1800	40933	0.78%	0.110%
197	18.237	18.145	18.288	VV	14456	373378	7.10%	1.002%
198	18.326	18.288	18.384	VV	11645	277273	5.28%	0.744%
199	18.427	18.384	18.448	VV	3164	112868	2.15%	0.303%
200	18.481	18.448	18.535	VV	4518	160255	3.05%	0.430%
201	18.572	18.535	18.588	VV	8090	162339	3.09%	0.436%
202	18.647	18.588	18.666	VV	57087	1228544	23.38%	3.297%
203	18.679	18.666	18.740	VV	46411	919515	17.50%	2.468%
204	18.759	18.740	18.833	VV	7447	282994	5.38%	0.760%
205	18.900	18.833	19.005	VV	58633	1226493	23.34%	3.292%
206	19.070	19.005	19.138	VV	18011	515311	9.81%	1.383%
207	19.172	19.138	19.218	VV	12194	283152	5.39%	0.760%
208	19.241	19.218	19.265	VV	4038	103706	1.97%	0.278%
209	19.284	19.265	19.318	VV	3768	101013	1.92%	0.271%
210	19.370	19.318	19.387	VV	3363	128494	2.44%	0.345%
211	19.467	19.387	19.528	VV	18090	718745	13.68%	1.929%
212	19.570	19.528	19.598	VV	6623	217026	4.13%	0.583%
213	19.622	19.598	19.646	VV	6749	168108	3.20%	0.451%
214	19.673	19.646	19.708	VV	9094	226992	4.32%	0.609%
215	19.752	19.708	19.808	VV	5285	260238	4.95%	0.698%
216	19.856	19.808	19.912	VV	13390	433503	8.25%	1.164%
217	19.967	19.912	20.015	VV	9982	391082	7.44%	1.050%
218	20.044	20.015	20.085	VV	5596	192793	3.67%	0.517%
219	20.094	20.085	20.109	VV	4468	63015	1.20%	0.169%
220	20.142	20.109	20.184	VV	5613	215047	4.09%	0.577%
221	20.231	20.184	20.308	VV	12355	524529	9.98%	1.408%
222	20.333	20.308	20.377	VV	5606	213392	4.06%	0.573%
223	20.416	20.377	20.434	VV	5841	182086	3.46%	0.489%
224	20.487	20.434	20.528	VV	10796	395501	7.53%	1.062%
225	20.598	20.528	20.658	VV	13086	554974	10.56%	1.490%
226	20.715	20.658	20.738	VV	7276	308456	5.87%	0.828%
227	20.769	20.738	20.818	VV	23940	540679	10.29%	1.451%
228	20.855	20.818	20.900	VV	6483	308150	5.86%	0.827%
229	20.966	20.900	20.991	VV	7823	364641	6.94%	0.979%
230	21.081	20.991	21.204	VV	10452	930115	17.70%	2.496%
231	21.296	21.204	21.335	VV	5832	426841	8.12%	1.146%
232	21.373	21.335	21.515	VV	9359	527219	10.03%	1.415%
233	21.531	21.515	21.561	VV	3143	83091	1.58%	0.223%
234	21.603	21.561	21.624	VV	2888	106974	2.04%	0.287%
235	21.654	21.624	21.691	VV	2818	107868	2.05%	0.290%
236	21.704	21.691	21.755	VV	2650	89843	1.71%	0.241%
237	21.834	21.755	21.948	VV	3164	270222	5.14%	0.725%
238	21.974	21.948	22.055	VV	1874	101086	1.92%	0.271%
239	22.094	22.055	22.170	VV	1492	79533	1.51%	0.213%
240	22.187	22.170	22.275	VV	915	42086	0.80%	0.113%
241	22.358	22.275	22.485	VV	5987	211505	4.02%	0.568%
Sum of corrected areas:							37256872	

Aliphatic EPH 082925.M Fri Sep 05 02:12:29 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	2	SDG No.:	Q3011
Lab Sample ID:	Q3011-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.2
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
09/04/25 09:05	09/04/25 15:29	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.17		1	1.02	4.47	mg/kg	FE055664.D
Total EPH	Total EPH	5.17			1.02	4.47	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	2	SDG No.:	Q3011
Lab Sample ID:	Q3011-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.2
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
FE055664.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.17		1.02	4.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.73		1.32	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.6		40 - 140	51%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.9		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3011-04	Acq On:	04 Sep 2025 15:29
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE055664.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	3.312	6.946	470804	3.667	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1297983	9.608	200	ug/ml
Aliphatic C16-C21	10.399	13.777	2583168	17.912	300	ug/ml
Aliphatic C21-C28	13.778	17.448	5480426	38.262	400	ug/ml
Aliphatic C28-C40	17.449	22.463	12444679	90.362	600	ug/ml
Aliphatic EPH	3.312	22.463	22277060	159.81		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	4258755	25.92		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	3200686	25.6		ug/ml
Aliphatic C9-C28	3.312	17.448	9832381	69.449	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055664.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 15:29
 Operator : YP\AJ
 Sample : Q3011-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 2

Integration File: autoint1.e
 Quant Time: Sep 05 01:26:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.074	4258755	25.923 ug/ml
Spiked Amount 50.000		Recovery =	51.85%
12) S 1-chlorooctadecane (S...	13.510	3200686	25.596 ug/mlm
Spiked Amount 50.000		Recovery =	51.19%

Target Compounds

(f)=RT Delta > 1/2 Window

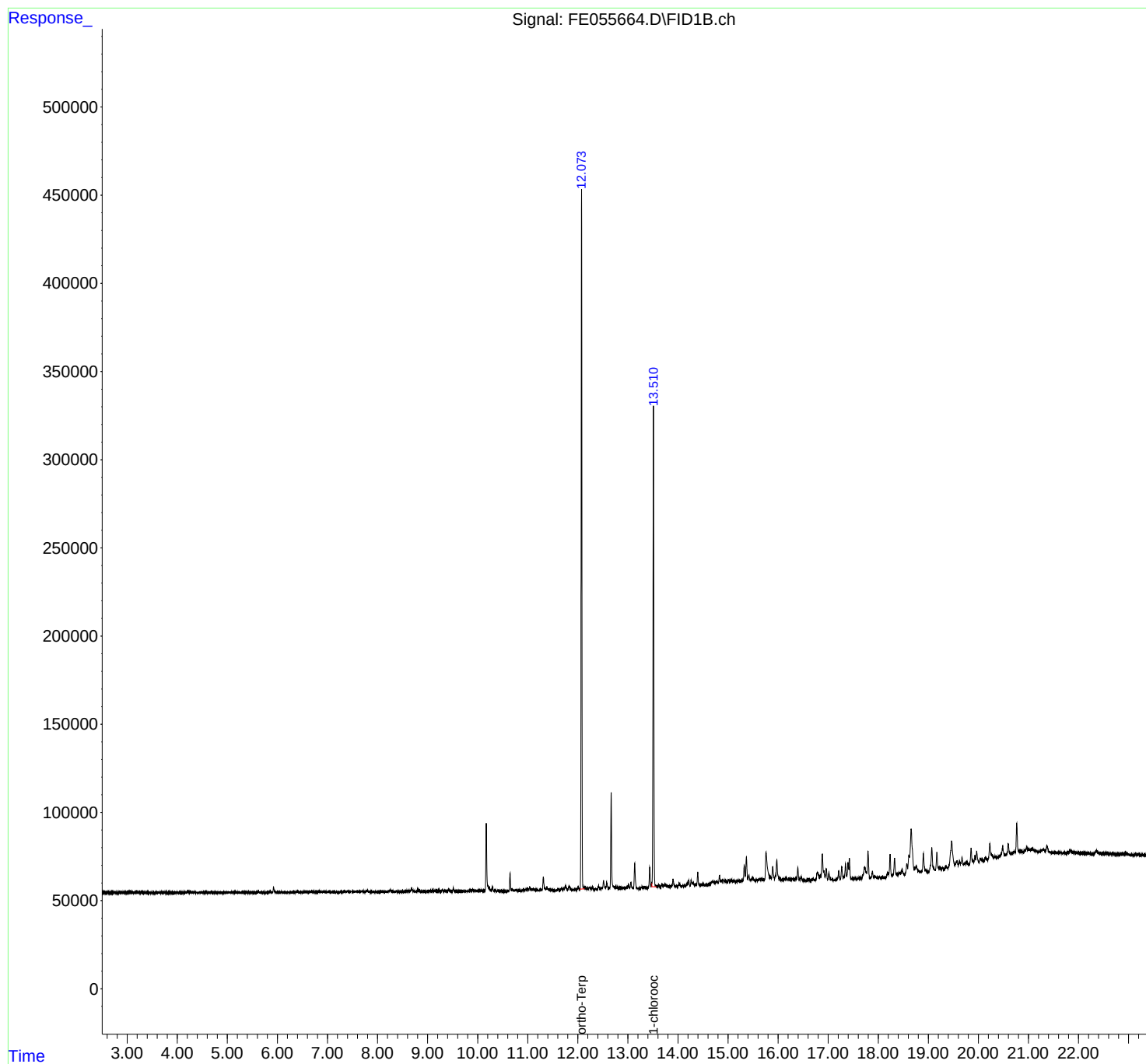
(m)=manual int.

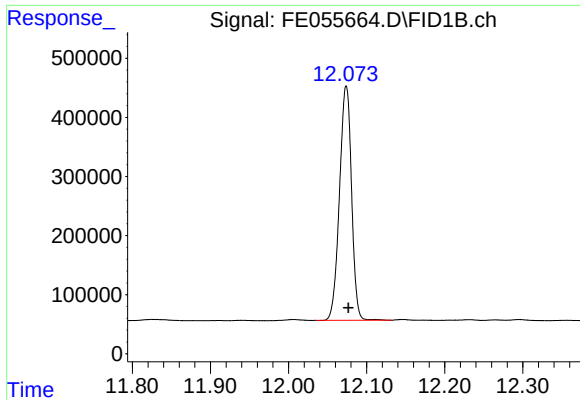
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055664.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 15:29
Operator : YP\AJ
Sample : Q3011-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
2

Integration File: autoint1.e
Quant Time: Sep 05 01:26:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

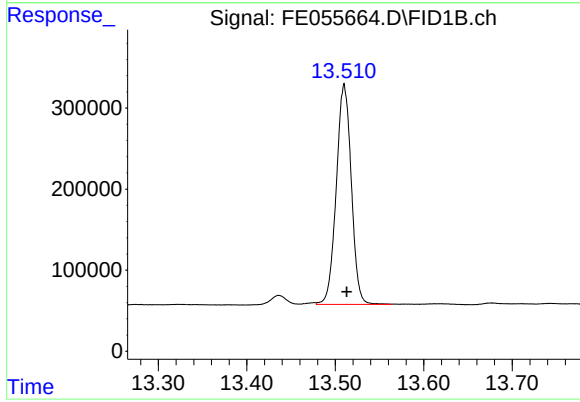




#9 ortho-Terphenyl (SURR)

R.T.: 12.074 min
Delta R.T.: -0.003 min
Response: 4258755
Conc: 25.92 ug/ml

Instrument :
FID_E
ClientSampleId :
2



#12 1-chlorooctadecane (SURR)

R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 3200686
Conc: 25.60 ug/ml m

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055664.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 15:29
 Sample : Q3011-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	2.832	2.804	2.858	BV	103	1886	0.04%	0.006%
2	2.865	2.858	2.872	VV	93	614	0.01%	0.002%
3	2.897	2.872	2.912	PV	100	1474	0.03%	0.005%
4	2.948	2.912	2.964	VV	163	3085	0.07%	0.010%
5	3.047	2.964	3.077	VV	388	14222	0.33%	0.048%
6	3.094	3.077	3.140	VV	389	10270	0.24%	0.034%
7	3.158	3.140	3.173	VV	397	6636	0.15%	0.022%
8	3.201	3.173	3.271	VV	467	18238	0.42%	0.061%
9	3.286	3.271	3.317	VV	283	5125	0.12%	0.017%
10	3.327	3.317	3.336	VV	228	1771	0.04%	0.006%
11	3.341	3.336	3.384	VV	148	3179	0.07%	0.011%
12	3.415	3.384	3.482	VV	242	6553	0.15%	0.022%
13	3.549	3.482	3.555	PV	145	3500	0.08%	0.012%
14	3.574	3.555	3.599	VV	200	3774	0.09%	0.013%
15	3.614	3.599	3.630	VV	151	2211	0.05%	0.007%
16	3.645	3.630	3.658	VV	177	1707	0.04%	0.006%
17	3.661	3.658	3.669	VV	166	693	0.02%	0.002%
18	3.738	3.669	3.754	VV	188	6886	0.16%	0.023%
19	3.780	3.754	3.801	VV	240	4617	0.11%	0.015%
20	3.838	3.801	3.851	VV	190	4762	0.11%	0.016%
21	3.864	3.851	3.895	VV	270	5221	0.12%	0.017%
22	3.905	3.895	3.978	VV	229	7990	0.19%	0.027%
23	4.021	3.978	4.051	VV	217	7676	0.18%	0.026%
24	4.100	4.051	4.154	VV	260	11262	0.26%	0.038%
25	4.176	4.154	4.188	VV	235	3842	0.09%	0.013%
26	4.208	4.188	4.238	VV	1205	18288	0.43%	0.061%
27	4.251	4.238	4.331	VV	711	23134	0.54%	0.077%
28	4.344	4.331	4.357	VV	318	4374	0.10%	0.015%
29	4.401	4.357	4.424	VV	308	8137	0.19%	0.027%
30	4.450	4.424	4.558	PV	370	19477	0.45%	0.065%
31	4.565	4.558	4.598	VV	214	4246	0.10%	0.014%
32	4.609	4.598	4.638	VV	190	4212	0.10%	0.014%
33	4.669	4.638	4.731	VV	460	12496	0.29%	0.042%
34	4.744	4.731	4.762	VV	217	2757	0.06%	0.009%
35	4.768	4.762	4.775	VV	138	825	0.02%	0.003%
36	4.787	4.775	4.828	VV	187	3291	0.08%	0.011%

					rteres			
37	4.842	4.828	4.884	VV	476	6806	0.16%	0.023%
38	4.904	4.884	4.934	VV	243	5150	0.12%	0.017%
39	4.955	4.934	4.979	VV	220	4418	0.10%	0.015%
40	4.991	4.979	5.012	VV	236	3866	0.09%	0.013%
41	5.054	5.012	5.068	VV	303	8969	0.21%	0.030%
42	5.093	5.068	5.111	VV	301	6773	0.16%	0.023%
43	5.132	5.111	5.164	VV	276	7595	0.18%	0.025%
44	5.192	5.164	5.211	VV	253	5374	0.13%	0.018%
45	5.221	5.211	5.238	VV	230	2953	0.07%	0.010%
46	5.250	5.238	5.264	VV	210	2751	0.06%	0.009%
47	5.271	5.264	5.278	VV	167	1254	0.03%	0.004%
48	5.289	5.278	5.311	VV	206	3437	0.08%	0.011%
49	5.331	5.311	5.361	VV	320	5226	0.12%	0.017%
50	5.385	5.361	5.414	VV	222	5307	0.12%	0.018%
51	5.422	5.414	5.435	VV	189	2040	0.05%	0.007%
52	5.444	5.435	5.473	VV	98	2479	0.06%	0.008%
53	5.495	5.473	5.584	VV	197	5657	0.13%	0.019%
54	5.591	5.584	5.600	VV	89	728	0.02%	0.002%
55	5.620	5.600	5.644	VV	749	9034	0.21%	0.030%
56	5.666	5.644	5.729	VV	177	5489	0.13%	0.018%
57	5.755	5.729	5.778	PV	111	1645	0.04%	0.006%
58	5.812	5.778	5.834	VV	409	4898	0.11%	0.016%
59	5.855	5.834	5.900	VV	707	13900	0.32%	0.046%
60	5.923	5.900	5.980	VV	3248	43875	1.02%	0.147%
61	5.997	5.980	6.029	VV	194	4188	0.10%	0.014%
62	6.067	6.029	6.098	VV	184	5219	0.12%	0.017%
63	6.131	6.098	6.164	VV	199	5540	0.13%	0.019%
64	6.186	6.164	6.201	VV	142	2668	0.06%	0.009%
65	6.212	6.201	6.228	VV	188	1797	0.04%	0.006%
66	6.258	6.228	6.273	VV	176	3066	0.07%	0.010%
67	6.295	6.273	6.316	VV	145	2775	0.06%	0.009%
68	6.327	6.316	6.341	VV	160	1821	0.04%	0.006%
69	6.352	6.341	6.361	VV	242	1784	0.04%	0.006%
70	6.392	6.361	6.432	VV	648	12723	0.30%	0.043%
71	6.446	6.432	6.463	VV	231	3310	0.08%	0.011%
72	6.488	6.463	6.525	VV	346	7360	0.17%	0.025%
73	6.553	6.525	6.608	VV	505	11583	0.27%	0.039%
74	6.685	6.608	6.728	VV	939	25431	0.59%	0.085%
75	6.737	6.728	6.771	VV	342	7572	0.18%	0.025%
76	6.780	6.771	6.824	VV	301	7408	0.17%	0.025%
77	6.846	6.824	6.890	VV	757	14036	0.33%	0.047%
78	6.926	6.890	6.961	VV	745	16018	0.37%	0.054%
79	7.000	6.961	7.018	VV	455	8339	0.19%	0.028%
80	7.035	7.018	7.094	VV	198	6557	0.15%	0.022%
81	7.129	7.094	7.159	VV	240	5777	0.13%	0.019%
82	7.180	7.159	7.235	VV	206	4560	0.11%	0.015%
83	7.256	7.235	7.278	VV	233	3798	0.09%	0.013%
84	7.332	7.278	7.351	VV	546	11623	0.27%	0.039%
85	7.358	7.351	7.410	VV	410	12945	0.30%	0.043%
86	7.422	7.410	7.444	VV	415	6832	0.16%	0.023%
87	7.495	7.444	7.510	VV	409	12088	0.28%	0.040%
88	7.525	7.510	7.553	VV	450	8031	0.19%	0.027%
89	7.570	7.553	7.608	VV	587	11409	0.27%	0.038%

					rteres			
90	7.633	7.608	7.647	VV	530	9306	0.22%	0.031%
91	7.665	7.647	7.681	VV	526	9077	0.21%	0.030%
92	7.694	7.681	7.763	VV	513	17044	0.40%	0.057%
93	7.796	7.763	7.851	VV	1068	22173	0.52%	0.074%
94	7.858	7.851	7.877	VV	265	3496	0.08%	0.012%
95	7.887	7.877	7.904	VV	218	2756	0.06%	0.009%
96	7.924	7.904	7.954	VV	332	4572	0.11%	0.015%
97	7.974	7.954	8.006	VV	247	4671	0.11%	0.016%
98	8.025	8.006	8.061	VV	255	4909	0.11%	0.016%
99	8.088	8.061	8.155	VV	558	11705	0.27%	0.039%
100	8.168	8.155	8.191	VV	228	3402	0.08%	0.011%
101	8.257	8.191	8.313	VV	1153	32130	0.75%	0.107%
102	8.325	8.313	8.357	VV	305	5661	0.13%	0.019%
103	8.375	8.357	8.391	VV	325	4700	0.11%	0.016%
104	8.409	8.391	8.484	VV	345	10276	0.24%	0.034%
105	8.501	8.484	8.534	VV	506	8397	0.20%	0.028%
106	8.586	8.534	8.600	VV	549	15928	0.37%	0.053%
107	8.612	8.600	8.628	VV	569	8109	0.19%	0.027%
108	8.682	8.628	8.769	VV	2267	54464	1.27%	0.182%
109	8.803	8.769	8.863	VV	1565	35714	0.83%	0.119%
110	8.874	8.863	8.894	VV	327	5139	0.12%	0.017%
111	8.915	8.894	8.948	VV	593	8945	0.21%	0.030%
112	9.051	8.948	9.080	VV	720	24760	0.58%	0.083%
113	9.101	9.080	9.119	VV	742	12884	0.30%	0.043%
114	9.129	9.119	9.141	VV	560	6470	0.15%	0.022%
115	9.166	9.141	9.204	VV	653	19344	0.45%	0.065%
116	9.223	9.204	9.248	VV	970	14917	0.35%	0.050%
117	9.297	9.248	9.338	VV	1640	29080	0.68%	0.097%
118	9.340	9.338	9.358	VV	337	3247	0.08%	0.011%
119	9.375	9.358	9.394	VV	431	7288	0.17%	0.024%
120	9.420	9.394	9.488	VV	1290	35743	0.83%	0.120%
121	9.513	9.488	9.537	VV	2108	28925	0.67%	0.097%
122	9.553	9.537	9.583	VV	476	9316	0.22%	0.031%
123	9.593	9.583	9.638	VV	266	5925	0.14%	0.020%
124	9.669	9.638	9.685	VV	365	5608	0.13%	0.019%
125	9.699	9.685	9.741	VV	385	6911	0.16%	0.023%
126	9.751	9.741	9.784	VV	362	5958	0.14%	0.020%
127	9.809	9.784	9.823	VV	357	6009	0.14%	0.020%
128	9.845	9.823	9.871	VV	928	16076	0.37%	0.054%
129	9.895	9.871	9.929	VV	1159	22476	0.52%	0.075%
130	9.937	9.929	9.946	VV	435	3851	0.09%	0.013%
131	9.976	9.946	10.001	VV	607	14382	0.33%	0.048%
132	10.017	10.001	10.028	VV	435	5851	0.14%	0.020%
133	10.054	10.028	10.091	VV	606	15604	0.36%	0.052%
134	10.131	10.091	10.144	VV	640	11162	0.26%	0.037%
135	10.172	10.144	10.271	VV	38912	553680	12.89%	1.852%
136	10.297	10.271	10.375	VV	2711	57983	1.35%	0.194%
137	10.401	10.375	10.444	VV	555	12812	0.30%	0.043%
138	10.470	10.444	10.534	VV	289	7425	0.17%	0.025%
139	10.545	10.534	10.552	PV	73	509	0.01%	0.002%
140	10.571	10.552	10.583	VV	231	2024	0.05%	0.007%
141	10.646	10.583	10.672	VV	10333	123811	2.88%	0.414%

					rteres			
142	10.687	10.672	10.713	VV	1179	19295	0.45%	0.065%
143	10.738	10.713	10.761	VV	689	14901	0.35%	0.050%
144	10.779	10.761	10.811	VV	669	11799	0.27%	0.039%
145	10.827	10.811	10.865	VV	532	10758	0.25%	0.036%
146	10.909	10.865	10.934	VV	581	15897	0.37%	0.053%
147	10.961	10.934	10.979	VV	1062	20256	0.47%	0.068%
148	10.996	10.979	11.021	VV	1615	26644	0.62%	0.089%
149	11.039	11.021	11.056	VV	2402	31048	0.72%	0.104%
150	11.068	11.056	11.087	VV	1207	15722	0.37%	0.053%
151	11.111	11.087	11.134	VV	1314	24152	0.56%	0.081%
152	11.144	11.134	11.154	VV	510	6129	0.14%	0.020%
153	11.177	11.154	11.237	VV	723	21490	0.50%	0.072%
154	11.264	11.237	11.284	VV	996	15526	0.36%	0.052%
155	11.311	11.284	11.362	VV	7965	133048	3.10%	0.445%
156	11.384	11.362	11.422	VV	2257	41800	0.97%	0.140%
157	11.430	11.422	11.488	VV	669	16328	0.38%	0.055%
158	11.493	11.488	11.508	VV	338	3108	0.07%	0.010%
159	11.523	11.508	11.534	VV	186	2244	0.05%	0.008%
160	11.558	11.534	11.581	VV	257	5318	0.12%	0.018%
161	11.605	11.581	11.648	VV	837	15180	0.35%	0.051%
162	11.676	11.648	11.700	VV	1437	21644	0.50%	0.072%
163	11.717	11.700	11.728	VV	1156	14523	0.34%	0.049%
164	11.761	11.728	11.797	VV	2439	61749	1.44%	0.207%
165	11.827	11.797	11.894	VV	2264	56201	1.31%	0.188%
166	11.911	11.894	11.923	VV	412	4646	0.11%	0.016%
167	11.940	11.923	11.974	VV	727	10488	0.24%	0.035%
168	12.006	11.974	12.038	VV	2050	35856	0.84%	0.120%
169	12.074	12.038	12.130	VV	399220	4293886	100.00%	14.361%
170	12.146	12.130	12.191	VV	2074	41042	0.96%	0.137%
171	12.231	12.191	12.249	VV	1692	34515	0.80%	0.115%
172	12.264	12.249	12.278	VV	1267	16819	0.39%	0.056%
173	12.295	12.278	12.332	VV	1928	26633	0.62%	0.089%
174	12.355	12.332	12.381	PV	526	7429	0.17%	0.025%
175	12.416	12.381	12.460	VV	2068	45283	1.05%	0.151%
176	12.482	12.460	12.494	VV	1238	18520	0.43%	0.062%
177	12.513	12.494	12.556	VV	5145	89686	2.09%	0.300%
178	12.576	12.556	12.617	VV	3781	70112	1.63%	0.234%
179	12.666	12.617	12.739	VV	54963	672620	15.66%	2.250%
180	12.756	12.739	12.773	VV	1566	23115	0.54%	0.077%
181	12.788	12.773	12.871	VV	1134	41963	0.98%	0.140%
182	12.906	12.871	12.941	VV	857	26151	0.61%	0.087%
183	12.973	12.941	12.988	VV	996	22738	0.53%	0.076%
184	13.014	12.988	13.036	VV	1853	38460	0.90%	0.129%
185	13.061	13.036	13.105	VV	3880	59307	1.38%	0.198%
186	13.136	13.105	13.219	VV	14589	217259	5.06%	0.727%
187	13.231	13.219	13.244	VV	181	1127	0.03%	0.004%
188	13.275	13.244	13.305	PV	880	16191	0.38%	0.054%
189	13.324	13.305	13.371	VV	916	21707	0.51%	0.073%
190	13.380	13.371	13.401	VV	292	3435	0.08%	0.011%
191	13.436	13.401	13.459	VV	11818	150001	3.49%	0.502%
192	13.510	13.459	13.572	VV	269414	3266678	76.08%	10.926%
193	13.580	13.572	13.593	VV	923	10633	0.25%	0.036%
194	13.617	13.593	13.654	VV	1335	30892	0.72%	0.103%

					rteres			
195	13.677	13.654	13.704	VV	2150	38485	0.90%	0.129%
196	13.710	13.704	13.726	VV	1316	14498	0.34%	0.048%
197	13.743	13.726	13.791	VV	1610	42216	0.98%	0.141%
198	13.800	13.791	13.821	VV	688	9471	0.22%	0.032%
199	13.903	13.821	13.987	VV	4548	100195	2.33%	0.335%
200	14.028	13.987	14.066	VV	2117	42996	1.00%	0.144%
201	14.096	14.066	14.106	VV	517	7430	0.17%	0.025%
202	14.137	14.106	14.155	VV	1014	18608	0.43%	0.062%
203	14.178	14.155	14.194	VV	1757	25427	0.59%	0.085%
204	14.214	14.194	14.239	VV	3563	50059	1.17%	0.167%
205	14.263	14.239	14.294	VV	3421	60253	1.40%	0.202%
206	14.307	14.294	14.331	VV	1894	29889	0.70%	0.100%
207	14.351	14.331	14.368	VV	1337	21982	0.51%	0.074%
208	14.396	14.368	14.444	VV	7886	113650	2.65%	0.380%
209	14.495	14.444	14.544	VV	1071	35272	0.82%	0.118%
210	14.562	14.544	14.604	VV	562	16548	0.39%	0.055%
211	14.632	14.604	14.648	VV	938	19405	0.45%	0.065%
212	14.699	14.648	14.750	VV	2485	105358	2.45%	0.352%
213	14.773	14.750	14.804	VV	2660	60434	1.41%	0.202%
214	14.828	14.804	14.852	VV	5479	95428	2.22%	0.319%
215	14.865	14.852	14.881	VV	2411	37495	0.87%	0.125%
216	14.899	14.881	14.919	VV	3052	54512	1.27%	0.182%
217	14.947	14.919	14.989	VV	2553	85644	1.99%	0.286%
218	15.009	14.989	15.038	VV	3126	64516	1.50%	0.216%
219	15.075	15.038	15.101	VV	2590	84825	1.98%	0.284%
220	15.119	15.101	15.153	VV	2123	57752	1.34%	0.193%
221	15.208	15.153	15.247	VV	1962	101147	2.36%	0.338%
222	15.276	15.247	15.294	VV	2194	55567	1.29%	0.186%
223	15.324	15.294	15.344	VV	10400	176986	4.12%	0.592%
224	15.366	15.344	15.395	VV	15436	264008	6.15%	0.883%
225	15.416	15.395	15.442	VV	5035	100071	2.33%	0.335%
226	15.486	15.442	15.548	VV	3375	156296	3.64%	0.523%
227	15.562	15.548	15.596	VV	2219	58187	1.36%	0.195%
228	15.630	15.596	15.650	VV	2582	69727	1.62%	0.233%
229	15.665	15.650	15.708	VV	2641	80394	1.87%	0.269%
230	15.711	15.708	15.728	VV	2165	24397	0.57%	0.082%
231	15.759	15.728	15.836	VV	17739	534207	12.44%	1.787%
232	15.848	15.836	15.866	VV	3591	59295	1.38%	0.198%
233	15.892	15.866	15.929	VV	9319	191841	4.47%	0.642%
234	15.974	15.929	16.021	VV	12977	308834	7.19%	1.033%
235	16.035	16.021	16.111	VV	2525	97943	2.28%	0.328%
236	16.158	16.111	16.191	VV	2444	92327	2.15%	0.309%
237	16.211	16.191	16.249	VV	2003	58387	1.36%	0.195%
238	16.290	16.249	16.307	VV	1822	54629	1.27%	0.183%
239	16.319	16.307	16.334	VV	1641	24119	0.56%	0.081%
240	16.356	16.334	16.370	VV	2195	39496	0.92%	0.132%
241	16.394	16.370	16.419	VV	8166	122905	2.86%	0.411%
242	16.457	16.419	16.514	VV	3057	85989	2.00%	0.288%
243	16.527	16.514	16.554	VV	902	16025	0.37%	0.054%
244	16.596	16.554	16.658	VV	942	42131	0.98%	0.141%
245	16.701	16.658	16.724	VV	1391	36196	0.84%	0.121%
246	16.785	16.724	16.821	VV	5063	148051	3.45%	0.495%

rteres								
247	16.844	16.821	16.855	VV	2928	54375	1.27%	0.182%
248	16.883	16.855	16.936	VV	15299	342797	7.98%	1.147%
249	16.962	16.936	16.990	VV	6812	115038	2.68%	0.385%
250	17.015	16.990	17.061	VV	4210	75289	1.75%	0.252%
251	17.078	17.061	17.117	VV	688	11006	0.26%	0.037%
252	17.211	17.117	17.242	VV	5389	95745	2.23%	0.320%
253	17.271	17.242	17.300	VV	7581	120594	2.81%	0.403%
254	17.312	17.300	17.319	VV	1696	17806	0.41%	0.060%
255	17.347	17.319	17.369	VV	9284	139711	3.25%	0.467%
256	17.396	17.369	17.409	VV	9607	144100	3.36%	0.482%
257	17.424	17.409	17.457	VV	12204	167661	3.90%	0.561%
258	17.475	17.457	17.500	VV	559	11428	0.27%	0.038%
259	17.513	17.500	17.534	VV	526	8977	0.21%	0.030%
260	17.551	17.534	17.577	VV	518	7921	0.18%	0.026%
261	17.634	17.577	17.661	VV	832	26165	0.61%	0.088%
262	17.728	17.661	17.770	VV	7044	226730	5.28%	0.758%
263	17.796	17.770	17.840	VV	15544	245877	5.73%	0.822%
264	17.883	17.840	17.909	VV	4201	70120	1.63%	0.235%
265	17.934	17.909	17.957	VV	1201	23813	0.55%	0.080%
266	17.970	17.957	18.001	VV	634	11291	0.26%	0.038%
267	18.026	18.001	18.057	VV	1004	16672	0.39%	0.056%
268	18.078	18.057	18.101	VV	941	12995	0.30%	0.043%
269	18.134	18.101	18.149	PV	461	8621	0.20%	0.029%
270	18.190	18.149	18.208	VV	2637	56589	1.32%	0.189%
271	18.236	18.208	18.274	VV	13100	206791	4.82%	0.692%
272	18.325	18.274	18.386	VV	10754	222546	5.18%	0.744%
273	18.427	18.386	18.442	VV	2083	51135	1.19%	0.171%
274	18.477	18.442	18.531	VV	3966	99916	2.33%	0.334%
275	18.571	18.531	18.587	VV	6805	121656	2.83%	0.407%
276	18.657	18.587	18.717	VV	26251	987939	23.01%	3.304%
277	18.758	18.717	18.846	VV	4829	215950	5.03%	0.722%
278	18.901	18.846	19.005	VV	11500	283812	6.61%	0.949%
279	19.069	19.005	19.098	VV	14215	309010	7.20%	1.034%
280	19.107	19.098	19.135	VV	3061	50062	1.17%	0.167%
281	19.171	19.135	19.221	VV	11308	231607	5.39%	0.775%
282	19.236	19.221	19.264	VV	2629	54288	1.26%	0.182%
283	19.283	19.264	19.312	VV	2416	49904	1.16%	0.167%
284	19.351	19.312	19.390	VV	2648	89944	2.09%	0.301%
285	19.467	19.390	19.528	VV	16781	625824	14.57%	2.093%
286	19.570	19.528	19.597	VV	5034	164571	3.83%	0.550%
287	19.622	19.597	19.647	VV	4530	113157	2.64%	0.378%
288	19.673	19.647	19.702	VV	6893	153360	3.57%	0.513%
289	19.720	19.702	19.731	VV	3391	54158	1.26%	0.181%
290	19.749	19.731	19.762	VV	3740	62135	1.45%	0.208%
291	19.776	19.762	19.802	VV	3732	75299	1.75%	0.252%
292	19.855	19.802	19.880	VV	11658	251140	5.85%	0.840%
293	19.891	19.880	19.907	VV	4466	67458	1.57%	0.226%
294	19.931	19.907	19.946	VV	7151	128786	3.00%	0.431%
295	19.966	19.946	20.009	VV	8932	215080	5.01%	0.719%
296	20.043	20.009	20.108	VV	5107	241243	5.62%	0.807%
297	20.141	20.108	20.179	VV	5325	184596	4.30%	0.617%
298	20.230	20.179	20.306	VV	12978	517475	12.05%	1.731%
299	20.332	20.306	20.384	VV	5475	232354	5.41%	0.777%

						rteres		
300	20.486	20.384	20.532	VV	10745	563243	13.12%	1.884%
301	20.597	20.532	20.660	VV	11560	532023	12.39%	1.779%
302	20.709	20.660	20.732	VV	6957	275525	6.42%	0.922%
303	20.766	20.732	20.814	VV	22621	556124	12.95%	1.860%
304	20.828	20.814	20.851	VV	6741	146303	3.41%	0.489%
305	20.857	20.851	20.897	VV	6589	170722	3.98%	0.571%
306	20.927	20.897	20.940	VV	7025	166752	3.88%	0.558%
307	20.966	20.940	20.994	VV	8419	245441	5.72%	0.821%
308	21.011	20.994	21.031	VV	7329	153729	3.58%	0.514%
309	21.042	21.031	21.052	VV	6952	89555	2.09%	0.300%
310	21.075	21.052	21.128	VV	7318	303918	7.08%	1.016%
311	21.142	21.128	21.203	VV	6212	255177	5.94%	0.853%
312	21.300	21.203	21.331	VV	6276	433073	10.09%	1.448%
313	21.372	21.331	21.471	VV	7852	445840	10.38%	1.491%
314	21.528	21.471	21.571	VV	3948	229436	5.34%	0.767%
315	21.600	21.571	21.628	VV	3594	118593	2.76%	0.397%
316	21.639	21.628	21.681	VV	3390	101674	2.37%	0.340%
317	21.705	21.681	21.763	VV	3145	145998	3.40%	0.488%
318	21.831	21.763	21.941	VV	3884	311367	7.25%	1.041%
319	21.963	21.941	22.061	VV	2301	145769	3.39%	0.488%
320	22.089	22.061	22.157	VV	1737	86891	2.02%	0.291%
321	22.214	22.157	22.295	VV	1339	85783	2.00%	0.287%
322	22.355	22.295	22.468	VV	2324	93348	2.17%	0.312%
						Sum of corrected areas:	29899172	

Aliphatic EPH 082925.M Fri Sep 05 02:13:17 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	3	SDG No.:	Q3011
Lab Sample ID:	Q3011-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
09/04/25 09:05	09/04/25 16:00	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.29	J	1	0.98	4.32	mg/kg	FE055665.D
Total EPH	Total EPH	3.29	J		0.98	4.32	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	3	SDG No.:	Q3011
Lab Sample ID:	Q3011-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.7
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055665.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.29	J	0.98	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.56		1.27	2.15	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.6		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.1		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3011-05	Acq On:	04 Sep 2025 16:00
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE055665.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	3.312	6.946	455382	3.546	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1360164	10.068	200	ug/ml
Aliphatic C16-C21	10.399	13.777	1826697	12.666	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2791719	19.49	400	ug/ml
Aliphatic C28-C40	17.449	22.463	8747862	63.519	600	ug/ml
Aliphatic EPH	3.312	22.463	15181824	109.291		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	5760585	35.06		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	4451843	35.6		ug/ml
Aliphatic C9-C28	3.312	17.448	6433962	45.77	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055665.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 16:00
 Operator : YP\AJ
 Sample : Q3011-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 3

Integration File: autoint1.e
 Quant Time: Sep 05 01:26:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.074	5760585	35.065 ug/ml
Spiked Amount 50.000		Recovery =	70.13%
12) S 1-chlorooctadecane (S...	13.511	4451843	35.602 ug/ml
Spiked Amount 50.000		Recovery =	71.20%

Target Compounds

(f)=RT Delta > 1/2 Window

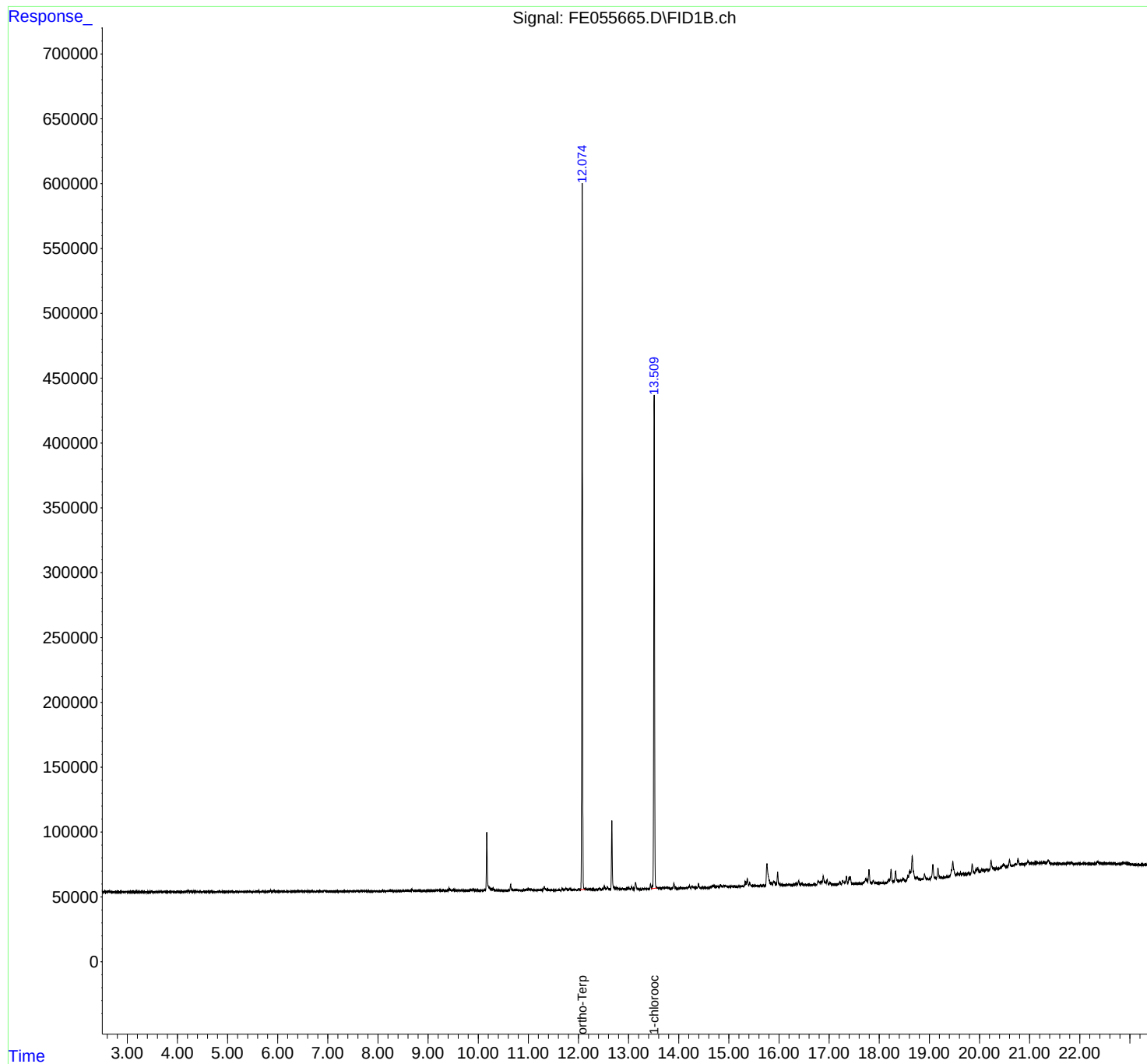
(m)=manual int.

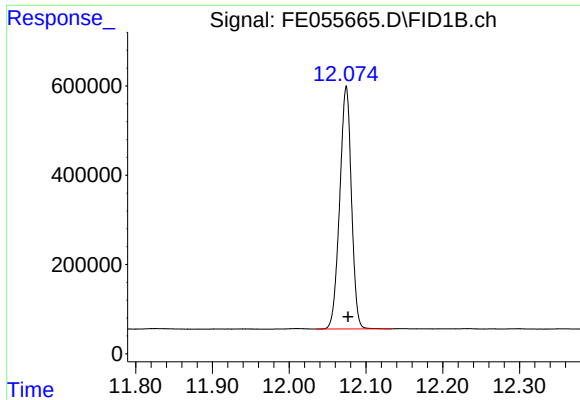
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055665.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 16:00
Operator : YP\AJ
Sample : Q3011-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
3

Integration File: autoint1.e
Quant Time: Sep 05 01:26:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

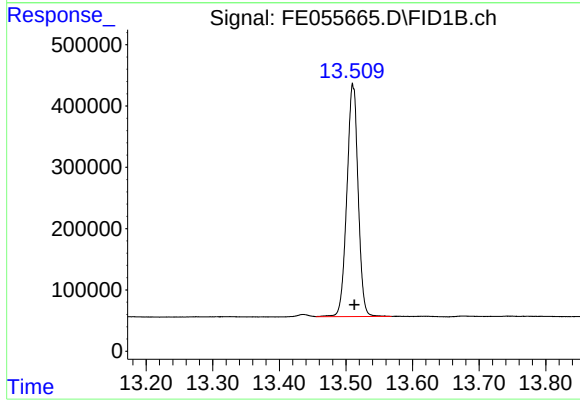




#9 ortho-Terphenyl (SURR)

R.T.: 12.074 min
Delta R.T.: -0.002 min
Response: 5760585
Conc: 35.06 ug/ml

Instrument :
FID_E
ClientSampleId :
3



#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 4451843
Conc: 35.60 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055665.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 16:00
 Sample : Q3011-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	2.826	2.804	2.852	BV	59	1189	0.02%	0.005%
2	2.864	2.852	2.911	PV	139	2172	0.04%	0.009%
3	2.925	2.911	3.011	PV	131	4759	0.08%	0.019%
4	3.035	3.011	3.084	VV	222	6758	0.12%	0.026%
5	3.098	3.084	3.131	VV	217	2948	0.05%	0.012%
6	3.157	3.131	3.181	VV	218	4110	0.07%	0.016%
7	3.190	3.181	3.215	VV	213	2556	0.04%	0.010%
8	3.224	3.215	3.254	VV	145	1698	0.03%	0.007%
9	3.259	3.254	3.271	VV	146	801	0.01%	0.003%
10	3.294	3.271	3.308	VV	208	3004	0.05%	0.012%
11	3.313	3.308	3.338	VV	187	2156	0.04%	0.008%
12	3.384	3.338	3.393	VV	139	3065	0.05%	0.012%
13	3.410	3.393	3.514	VV	192	5514	0.10%	0.022%
14	3.563	3.514	3.573	VV	165	4016	0.07%	0.016%
15	3.625	3.573	3.664	VV	232	8649	0.15%	0.034%
16	3.675	3.664	3.694	VV	213	2862	0.05%	0.011%
17	3.738	3.694	3.748	VV	199	4673	0.08%	0.018%
18	3.774	3.748	3.802	VV	280	5593	0.10%	0.022%
19	3.826	3.802	3.928	VV	210	9805	0.17%	0.038%
20	3.931	3.928	3.972	VV	149	3298	0.06%	0.013%
21	3.987	3.972	4.045	VV	190	5647	0.10%	0.022%
22	4.064	4.045	4.082	VV	206	3017	0.05%	0.012%
23	4.089	4.082	4.095	VV	153	923	0.02%	0.004%
24	4.108	4.095	4.124	VV	162	2342	0.04%	0.009%
25	4.141	4.124	4.151	VV	148	1368	0.02%	0.005%
26	4.158	4.151	4.171	VV	118	818	0.01%	0.003%
27	4.208	4.171	4.238	VV	1175	16586	0.29%	0.065%
28	4.252	4.238	4.301	VV	717	13890	0.24%	0.054%
29	4.314	4.301	4.353	VV	315	6060	0.10%	0.024%
30	4.368	4.353	4.406	VV	177	4462	0.08%	0.017%
31	4.418	4.406	4.431	VV	171	2235	0.04%	0.009%
32	4.444	4.431	4.468	VV	262	3840	0.07%	0.015%
33	4.478	4.468	4.490	VV	186	1983	0.03%	0.008%
34	4.533	4.490	4.611	VV	241	11671	0.20%	0.046%
35	4.618	4.611	4.654	VV	249	4512	0.08%	0.018%
36	4.670	4.654	4.691	VV	320	5207	0.09%	0.020%

					rteres			
37	4.697	4.691	4.768	VV	230	7386	0.13%	0.029%
38	4.774	4.768	4.818	VV	198	3442	0.06%	0.013%
39	4.842	4.818	4.871	VV	563	7098	0.12%	0.028%
40	4.882	4.871	4.892	VV	127	1271	0.02%	0.005%
41	4.906	4.892	4.918	VV	168	2060	0.04%	0.008%
42	4.929	4.918	4.949	VV	178	2404	0.04%	0.009%
43	4.974	4.949	5.034	VV	211	7857	0.14%	0.031%
44	5.042	5.034	5.104	VV	255	8772	0.15%	0.034%
45	5.131	5.104	5.224	VV	239	10189	0.18%	0.040%
46	5.237	5.224	5.258	VV	119	2097	0.04%	0.008%
47	5.332	5.258	5.366	PV	272	9417	0.16%	0.037%
48	5.404	5.366	5.438	VV	272	8825	0.15%	0.035%
49	5.440	5.438	5.448	VV	259	1260	0.02%	0.005%
50	5.455	5.448	5.514	VV	255	7400	0.13%	0.029%
51	5.518	5.514	5.526	VV	182	1080	0.02%	0.004%
52	5.531	5.526	5.540	VV	158	1222	0.02%	0.005%
53	5.620	5.540	5.648	VV	729	15463	0.27%	0.061%
54	5.654	5.648	5.688	VV	266	4254	0.07%	0.017%
55	5.692	5.688	5.701	VV	194	1223	0.02%	0.005%
56	5.705	5.701	5.720	VV	191	1755	0.03%	0.007%
57	5.731	5.720	5.793	VV	238	5748	0.10%	0.023%
58	5.815	5.793	5.834	VV	237	3770	0.07%	0.015%
59	5.856	5.834	5.894	VV	860	17555	0.30%	0.069%
60	5.900	5.894	5.908	VV	253	1837	0.03%	0.007%
61	5.929	5.908	5.968	VV	942	15295	0.26%	0.060%
62	5.974	5.968	5.982	VV	269	1873	0.03%	0.007%
63	5.988	5.982	6.001	VV	240	2371	0.04%	0.009%
64	6.056	6.001	6.089	VV	359	12239	0.21%	0.048%
65	6.099	6.089	6.114	VV	231	3195	0.06%	0.013%
66	6.135	6.114	6.159	VV	434	7438	0.13%	0.029%
67	6.184	6.159	6.222	VV	414	9874	0.17%	0.039%
68	6.270	6.222	6.317	VV	257	12055	0.21%	0.047%
69	6.391	6.317	6.458	VV	641	27375	0.47%	0.107%
70	6.479	6.458	6.528	VV	341	12096	0.21%	0.047%
71	6.554	6.528	6.601	VV	547	13152	0.23%	0.052%
72	6.629	6.601	6.664	VV	272	7993	0.14%	0.031%
73	6.687	6.664	6.723	VV	671	12479	0.22%	0.049%
74	6.738	6.723	6.759	VV	308	5461	0.09%	0.021%
75	6.789	6.759	6.837	VV	327	11066	0.19%	0.043%
76	6.854	6.837	6.874	VV	324	5480	0.09%	0.021%
77	6.927	6.874	6.985	VV	1137	28363	0.49%	0.111%
78	7.001	6.985	7.021	VV	320	5766	0.10%	0.023%
79	7.030	7.021	7.044	VV	237	2659	0.05%	0.010%
80	7.051	7.044	7.059	VV	219	1691	0.03%	0.007%
81	7.071	7.059	7.091	VV	217	3281	0.06%	0.013%
82	7.108	7.091	7.168	VV	225	6384	0.11%	0.025%
83	7.182	7.168	7.222	VV	147	3370	0.06%	0.013%
84	7.262	7.222	7.294	VV	172	6069	0.10%	0.024%
85	7.337	7.294	7.418	VV	561	22460	0.39%	0.088%
86	7.425	7.418	7.454	VV	279	5596	0.10%	0.022%
87	7.490	7.454	7.510	VV	329	7934	0.14%	0.031%
88	7.525	7.510	7.553	VV	431	8281	0.14%	0.032%
89	7.570	7.553	7.611	VV	537	11283	0.19%	0.044%

					rteres			
90	7.634	7.611	7.654	VV	365	7377	0.13%	0.029%
91	7.671	7.654	7.691	VV	403	7473	0.13%	0.029%
92	7.698	7.691	7.766	VV	407	15229	0.26%	0.060%
93	7.796	7.766	7.811	VV	418	9312	0.16%	0.036%
94	7.818	7.811	7.848	VV	372	4446	0.08%	0.017%
95	7.901	7.848	7.911	PV	246	5009	0.09%	0.020%
96	7.920	7.911	7.947	VV	226	3881	0.07%	0.015%
97	7.976	7.947	7.994	VV	228	5066	0.09%	0.020%
98	8.023	7.994	8.044	VV	218	4784	0.08%	0.019%
99	8.056	8.044	8.066	VV	184	2036	0.04%	0.008%
100	8.088	8.066	8.150	VV	882	15797	0.27%	0.062%
101	8.160	8.150	8.169	VV	188	1819	0.03%	0.007%
102	8.186	8.169	8.202	VV	249	3921	0.07%	0.015%
103	8.257	8.202	8.328	VV	1246	35211	0.61%	0.138%
104	8.341	8.328	8.368	VV	274	4821	0.08%	0.019%
105	8.372	8.368	8.392	VV	288	3352	0.06%	0.013%
106	8.418	8.392	8.477	VV	407	13025	0.22%	0.051%
107	8.500	8.477	8.538	VV	620	12081	0.21%	0.047%
108	8.577	8.538	8.628	VV	616	25291	0.44%	0.099%
109	8.681	8.628	8.743	VV	1222	43188	0.75%	0.169%
110	8.759	8.743	8.784	VV	343	7579	0.13%	0.030%
111	8.803	8.784	8.898	VV	824	28849	0.50%	0.113%
112	8.913	8.898	8.944	VV	437	8775	0.15%	0.034%
113	8.961	8.944	8.998	VV	279	7260	0.13%	0.028%
114	9.011	8.998	9.024	VV	287	4035	0.07%	0.016%
115	9.058	9.024	9.081	VV	537	14694	0.25%	0.058%
116	9.089	9.081	9.100	VV	453	5057	0.09%	0.020%
117	9.119	9.100	9.133	VV	546	9273	0.16%	0.036%
118	9.160	9.133	9.201	VV	727	22807	0.39%	0.089%
119	9.222	9.201	9.281	VV	895	23904	0.41%	0.094%
120	9.298	9.281	9.360	VV	660	21277	0.37%	0.083%
121	9.419	9.360	9.484	VV	1909	60180	1.04%	0.236%
122	9.514	9.484	9.594	VV	1049	39278	0.68%	0.154%
123	9.607	9.594	9.641	VV	453	10079	0.17%	0.040%
124	9.667	9.641	9.681	VV	423	8592	0.15%	0.034%
125	9.696	9.681	9.744	VV	499	13389	0.23%	0.052%
126	9.756	9.744	9.781	VV	429	6815	0.12%	0.027%
127	9.807	9.781	9.827	VV	379	8293	0.14%	0.033%
128	9.849	9.827	9.874	VV	870	17847	0.31%	0.070%
129	9.898	9.874	9.924	VV	1153	22148	0.38%	0.087%
130	9.938	9.924	9.953	VV	457	7254	0.13%	0.028%
131	9.974	9.953	10.003	VV	516	12183	0.21%	0.048%
132	10.017	10.003	10.024	VV	387	4194	0.07%	0.016%
133	10.055	10.024	10.104	VV	498	15332	0.26%	0.060%
134	10.133	10.104	10.148	VV	846	12987	0.22%	0.051%
135	10.171	10.148	10.279	VV	44913	618894	10.69%	2.426%
136	10.296	10.279	10.374	VV	1623	41296	0.71%	0.162%
137	10.405	10.374	10.434	VV	526	11531	0.20%	0.045%
138	10.457	10.434	10.514	VV	287	8705	0.15%	0.034%
139	10.531	10.514	10.554	VV	139	1839	0.03%	0.007%
140	10.573	10.554	10.588	VV	165	2407	0.04%	0.009%
141	10.646	10.588	10.678	VV	5048	65860	1.14%	0.258%

					rteres			
142	10.690	10.678	10.713	VV	574	9443	0.16%	0.037%
143	10.737	10.713	10.764	VV	710	15361	0.27%	0.060%
144	10.774	10.764	10.811	VV	479	9572	0.17%	0.038%
145	10.826	10.811	10.863	VV	351	9331	0.16%	0.037%
146	10.911	10.863	10.937	VV	604	19531	0.34%	0.077%
147	10.963	10.937	10.978	VV	864	16649	0.29%	0.065%
148	10.996	10.978	11.018	VV	1331	22080	0.38%	0.087%
149	11.039	11.018	11.058	VV	1167	19169	0.33%	0.075%
150	11.067	11.058	11.088	VV	634	9028	0.16%	0.035%
151	11.111	11.088	11.128	VV	586	10304	0.18%	0.040%
152	11.145	11.128	11.161	VV	515	8106	0.14%	0.032%
153	11.176	11.161	11.211	VV	386	9845	0.17%	0.039%
154	11.264	11.211	11.285	VV	650	14466	0.25%	0.057%
155	11.314	11.285	11.362	VV	3049	58906	1.02%	0.231%
156	11.384	11.362	11.530	VV	945	37668	0.65%	0.148%
157	11.551	11.530	11.564	VV	259	3323	0.06%	0.013%
158	11.568	11.564	11.588	VV	159	1125	0.02%	0.004%
159	11.606	11.588	11.646	PV	512	8190	0.14%	0.032%
160	11.677	11.646	11.704	VV	1455	22141	0.38%	0.087%
161	11.718	11.704	11.730	VV	906	10097	0.17%	0.040%
162	11.748	11.730	11.799	VV	1289	34077	0.59%	0.134%
163	11.826	11.799	11.885	VV	1289	30151	0.52%	0.118%
164	11.910	11.885	11.924	VV	427	5261	0.09%	0.021%
165	11.941	11.924	11.965	VV	505	6954	0.12%	0.027%
166	12.010	11.965	12.038	VV	1253	22755	0.39%	0.089%
167	12.074	12.038	12.134	VV	543884	5791341	100.00%	22.699%
168	12.147	12.134	12.194	VV	948	25330	0.44%	0.099%
169	12.205	12.194	12.217	VV	652	8366	0.14%	0.033%
170	12.232	12.217	12.251	VV	1049	13434	0.23%	0.053%
171	12.265	12.251	12.278	VV	438	5509	0.10%	0.022%
172	12.297	12.278	12.332	VV	738	10880	0.19%	0.043%
173	12.356	12.332	12.383	PV	483	7782	0.13%	0.031%
174	12.414	12.383	12.461	VV	1164	28463	0.49%	0.112%
175	12.515	12.461	12.557	VV	3121	70531	1.22%	0.276%
176	12.578	12.557	12.638	VV	2244	52472	0.91%	0.206%
177	12.665	12.638	12.740	VV	53059	649418	11.21%	2.545%
178	12.755	12.740	12.769	VV	1216	18681	0.32%	0.073%
179	12.785	12.769	12.838	VV	1149	34286	0.59%	0.134%
180	12.874	12.838	12.901	VV	715	23624	0.41%	0.093%
181	12.907	12.901	12.934	VV	660	9988	0.17%	0.039%
182	12.956	12.934	12.974	VV	732	14801	0.26%	0.058%
183	13.001	12.974	13.037	VV	1377	32238	0.56%	0.126%
184	13.060	13.037	13.104	VV	2324	38617	0.67%	0.151%
185	13.138	13.104	13.222	VV	5459	103840	1.79%	0.407%
186	13.274	13.222	13.289	PV	436	7622	0.13%	0.030%
187	13.325	13.289	13.368	VV	553	15733	0.27%	0.062%
188	13.377	13.368	13.395	VV	239	2239	0.04%	0.009%
189	13.436	13.395	13.456	VV	4051	53846	0.93%	0.211%
190	13.511	13.456	13.601	VV	379008	4510947	77.89%	17.680%
191	13.618	13.601	13.654	VV	1019	19448	0.34%	0.076%
192	13.677	13.654	13.714	VV	1244	28136	0.49%	0.110%
193	13.744	13.714	13.760	VV	1028	22628	0.39%	0.089%
194	13.772	13.760	13.836	VV	843	24910	0.43%	0.098%

					rteres			
195	13.904	13.836	13.994	VV	3904	72932	1.26%	0.286%
196	14.028	13.994	14.071	VV	636	13774	0.24%	0.054%
197	14.137	14.071	14.158	VV	394	10019	0.17%	0.039%
198	14.185	14.158	14.194	VV	730	9712	0.17%	0.038%
199	14.213	14.194	14.240	VV	2000	27566	0.48%	0.108%
200	14.264	14.240	14.337	VV	1731	42563	0.73%	0.167%
201	14.356	14.337	14.370	VV	541	7767	0.13%	0.030%
202	14.395	14.370	14.443	VV	3167	43125	0.74%	0.169%
203	14.499	14.443	14.534	VV	337	9304	0.16%	0.036%
204	14.543	14.534	14.580	VV	182	2661	0.05%	0.010%
205	14.632	14.580	14.644	PV	383	6666	0.12%	0.026%
206	14.673	14.644	14.681	VV	1467	23386	0.40%	0.092%
207	14.699	14.681	14.748	VV	1831	43177	0.75%	0.169%
208	14.774	14.748	14.805	VV	1210	27534	0.48%	0.108%
209	14.828	14.805	14.849	VV	2243	33136	0.57%	0.130%
210	14.863	14.849	14.881	VV	1028	16411	0.28%	0.064%
211	14.900	14.881	14.919	VV	1725	27407	0.47%	0.107%
212	14.933	14.919	14.992	VV	1159	35154	0.61%	0.138%
213	15.012	14.992	15.037	VV	833	14553	0.25%	0.057%
214	15.056	15.037	15.071	VV	735	11737	0.20%	0.046%
215	15.081	15.071	15.104	VV	695	11387	0.20%	0.045%
216	15.119	15.104	15.161	VV	624	15295	0.26%	0.060%
217	15.209	15.161	15.221	VV	615	15041	0.26%	0.059%
218	15.238	15.221	15.255	VV	529	9979	0.17%	0.039%
219	15.278	15.255	15.298	VV	638	12709	0.22%	0.050%
220	15.326	15.298	15.345	VV	4290	68662	1.19%	0.269%
221	15.367	15.345	15.395	VV	6273	108123	1.87%	0.424%
222	15.416	15.395	15.461	VV	3425	61471	1.06%	0.241%
223	15.488	15.461	15.504	VV	913	20913	0.36%	0.082%
224	15.514	15.504	15.541	VV	815	14786	0.26%	0.058%
225	15.563	15.541	15.595	VV	667	17311	0.30%	0.068%
226	15.627	15.595	15.643	VV	718	15617	0.27%	0.061%
227	15.670	15.643	15.695	VV	769	19989	0.35%	0.078%
228	15.708	15.695	15.717	VV	667	7833	0.14%	0.031%
229	15.759	15.717	15.869	VV	17261	515867	8.91%	2.022%
230	15.893	15.869	15.930	VV	4011	95313	1.65%	0.374%
231	15.973	15.930	16.029	VV	10923	201264	3.48%	0.789%
232	16.036	16.029	16.075	VV	909	21302	0.37%	0.083%
233	16.084	16.075	16.119	VV	584	14032	0.24%	0.055%
234	16.160	16.119	16.190	VV	842	29464	0.51%	0.115%
235	16.209	16.190	16.248	VV	825	23581	0.41%	0.092%
236	16.288	16.248	16.308	VV	993	27403	0.47%	0.107%
237	16.315	16.308	16.331	VV	925	12119	0.21%	0.047%
238	16.356	16.331	16.371	VV	1650	28454	0.49%	0.112%
239	16.394	16.371	16.428	VV	3709	61583	1.06%	0.241%
240	16.457	16.428	16.510	VV	1838	42900	0.74%	0.168%
241	16.527	16.510	16.561	VV	509	10656	0.18%	0.042%
242	16.601	16.561	16.657	VV	425	16093	0.28%	0.063%
243	16.699	16.657	16.723	PV	853	18702	0.32%	0.073%
244	16.736	16.723	16.751	VV	418	5850	0.10%	0.023%
245	16.783	16.751	16.822	VV	3107	86921	1.50%	0.341%
246	16.841	16.822	16.857	VV	2516	44362	0.77%	0.174%

					rteres			
247	16.883	16.857	16.909	VV	6673	126492	2.18%	0.496%
248	16.917	16.909	16.936	VV	2588	33183	0.57%	0.130%
249	16.962	16.936	16.991	VV	4010	68026	1.17%	0.267%
250	17.015	16.991	17.111	VV	2000	45985	0.79%	0.180%
251	17.118	17.111	17.134	PV	153	1206	0.02%	0.005%
252	17.213	17.134	17.245	VV	2034	39825	0.69%	0.156%
253	17.273	17.245	17.296	VV	3148	50853	0.88%	0.199%
254	17.311	17.296	17.322	VV	1630	21143	0.37%	0.083%
255	17.346	17.322	17.370	VV	6330	95433	1.65%	0.374%
256	17.397	17.370	17.410	VV	5527	82043	1.42%	0.322%
257	17.424	17.410	17.515	VV	5837	93964	1.62%	0.368%
258	17.553	17.515	17.578	VV	378	11118	0.19%	0.044%
259	17.602	17.578	17.659	VV	524	17046	0.29%	0.067%
260	17.730	17.659	17.768	VV	3873	125235	2.16%	0.491%
261	17.796	17.768	17.851	VV	11019	187735	3.24%	0.736%
262	17.882	17.851	17.914	VV	2492	41990	0.73%	0.165%
263	17.935	17.914	17.955	VV	619	10837	0.19%	0.042%
264	17.968	17.955	17.997	VV	337	6043	0.10%	0.024%
265	18.021	17.997	18.054	PV	661	10542	0.18%	0.041%
266	18.080	18.054	18.106	VV	529	7920	0.14%	0.031%
267	18.131	18.106	18.140	PV	235	3382	0.06%	0.013%
268	18.192	18.140	18.210	VV	2395	51579	0.89%	0.202%
269	18.235	18.210	18.291	VV	10147	173732	3.00%	0.681%
270	18.326	18.291	18.385	VV	8382	157290	2.72%	0.616%
271	18.427	18.385	18.450	VV	1021	32902	0.57%	0.129%
272	18.478	18.450	18.528	VV	2493	55440	0.96%	0.217%
273	18.570	18.528	18.584	VV	4534	73725	1.27%	0.289%
274	18.607	18.584	18.628	VV	7808	163576	2.82%	0.641%
275	18.657	18.628	18.717	VV	19174	465676	8.04%	1.825%
276	18.756	18.717	18.831	VV	2660	96607	1.67%	0.379%
277	18.862	18.831	18.870	VV	506	9682	0.17%	0.038%
278	18.903	18.870	18.946	VV	4186	82998	1.43%	0.325%
279	18.960	18.946	18.988	VV	729	12304	0.21%	0.048%
280	19.069	18.988	19.128	PV	11257	219498	3.79%	0.860%
281	19.171	19.128	19.216	VV	8020	143962	2.49%	0.564%
282	19.240	19.216	19.267	VV	1011	23392	0.40%	0.092%
283	19.283	19.267	19.301	VV	589	8999	0.16%	0.035%
284	19.351	19.301	19.386	VV	895	31011	0.54%	0.122%
285	19.468	19.386	19.530	VV	12262	378537	6.54%	1.484%
286	19.571	19.530	19.597	VV	2728	80190	1.38%	0.314%
287	19.620	19.597	19.642	VV	2560	51756	0.89%	0.203%
288	19.672	19.642	19.699	VV	2297	59858	1.03%	0.235%
289	19.725	19.699	19.741	VV	1763	37415	0.65%	0.147%
290	19.775	19.741	19.799	VV	2351	59871	1.03%	0.235%
291	19.854	19.799	19.908	VV	8826	221637	3.83%	0.869%
292	19.931	19.908	19.947	VV	4724	85073	1.47%	0.333%
293	19.966	19.947	20.013	VV	5749	145340	2.51%	0.570%
294	20.044	20.013	20.111	VV	3963	180311	3.11%	0.707%
295	20.141	20.111	20.177	VV	3928	132114	2.28%	0.518%
296	20.231	20.177	20.308	VV	9986	383748	6.63%	1.504%
297	20.338	20.308	20.381	VV	3887	160788	2.78%	0.630%
298	20.482	20.381	20.537	VV	6244	445640	7.69%	1.747%
299	20.598	20.537	20.639	VV	9713	357681	6.18%	1.402%

					rters			
300	20.716	20.639	20.732	VV	5741	283950	4.90%	1.113%
301	20.768	20.732	20.806	VV	9913	304547	5.26%	1.194%
302	20.832	20.806	20.895	VV	5516	279134	4.82%	1.094%
303	20.966	20.895	21.039	VV	7323	485213	8.38%	1.902%
304	21.091	21.039	21.111	VV	5300	224732	3.88%	0.881%
305	21.148	21.111	21.189	VV	5446	241218	4.17%	0.945%
306	21.288	21.189	21.337	VV	5146	437252	7.55%	1.714%
307	21.372	21.337	21.454	VV	6575	328313	5.67%	1.287%
308	21.458	21.454	21.481	VV	3526	55193	0.95%	0.216%
309	21.491	21.481	21.514	VV	3522	68409	1.18%	0.268%
310	21.541	21.514	21.561	VV	3423	92881	1.60%	0.364%
311	21.584	21.561	21.604	VV	3145	79545	1.37%	0.312%
312	21.621	21.604	21.639	VV	3012	63105	1.09%	0.247%
313	21.651	21.639	21.680	VV	2904	67195	1.16%	0.263%
314	21.711	21.680	21.748	VV	2818	108427	1.87%	0.425%
315	21.834	21.748	21.876	VV	3096	203020	3.51%	0.796%
316	21.889	21.876	21.911	VV	2019	40160	0.69%	0.157%
317	21.977	21.911	22.022	VV	1857	115500	1.99%	0.453%
318	22.088	22.022	22.099	VV	1664	71461	1.23%	0.280%
319	22.105	22.099	22.158	VV	1526	43896	0.76%	0.172%
320	22.171	22.158	22.179	VV	1032	12378	0.21%	0.049%
321	22.192	22.179	22.201	VV	1025	12610	0.22%	0.049%
322	22.218	22.201	22.288	VV	960	38599	0.67%	0.151%
323	22.360	22.288	22.485	VV	1791	86944	1.50%	0.341%
					Sum of corrected areas:		25514111	

Aliphatic EPH 082925.M Fri Sep 05 02:14:04 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	4	SDG No.:	Q3011
Lab Sample ID:	Q3011-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.5
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
09/04/25 09:05	09/04/25 17:32	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	8.37		1	0.97	4.27	mg/kg	FE055668.D
Total EPH	Total EPH	8.37			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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	4	SDG No.:	Q3011
Lab Sample ID:	Q3011-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.5
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
FE055668.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.37		0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.5		1.26	2.14	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.9		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.1		40 - 140	64%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3011-06	Acq On:	04 Sep 2025 17:32
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE055668.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	3.312	6.946	594943	4.633	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1327156	9.824	200	ug/ml
Aliphatic C16-C21	10.399	13.777	7288279	50.537	300	ug/ml
Aliphatic C21-C28	13.778	17.448	7521978	52.515	400	ug/ml
Aliphatic C28-C40	17.449	22.463	22336526	162.188	600	ug/ml
Aliphatic EPH	3.312	22.463	39068882	279.697		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	5269702	32.08		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	4108450	32.86		ug/ml
Aliphatic C9-C28	3.312	17.448	16732356	117.509	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055668.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 17:32
 Operator : YP\AJ
 Sample : Q3011-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 4

Integration File: autoint1.e
 Quant Time: Sep 05 01:27:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.074	5269702	32.077 ug/ml
Spiked Amount 50.000		Recovery =	64.15%
12) S 1-chlorooctadecane (S...	13.510	4108450	32.856 ug/mlm
Spiked Amount 50.000		Recovery =	65.71%

Target Compounds

(f)=RT Delta > 1/2 Window

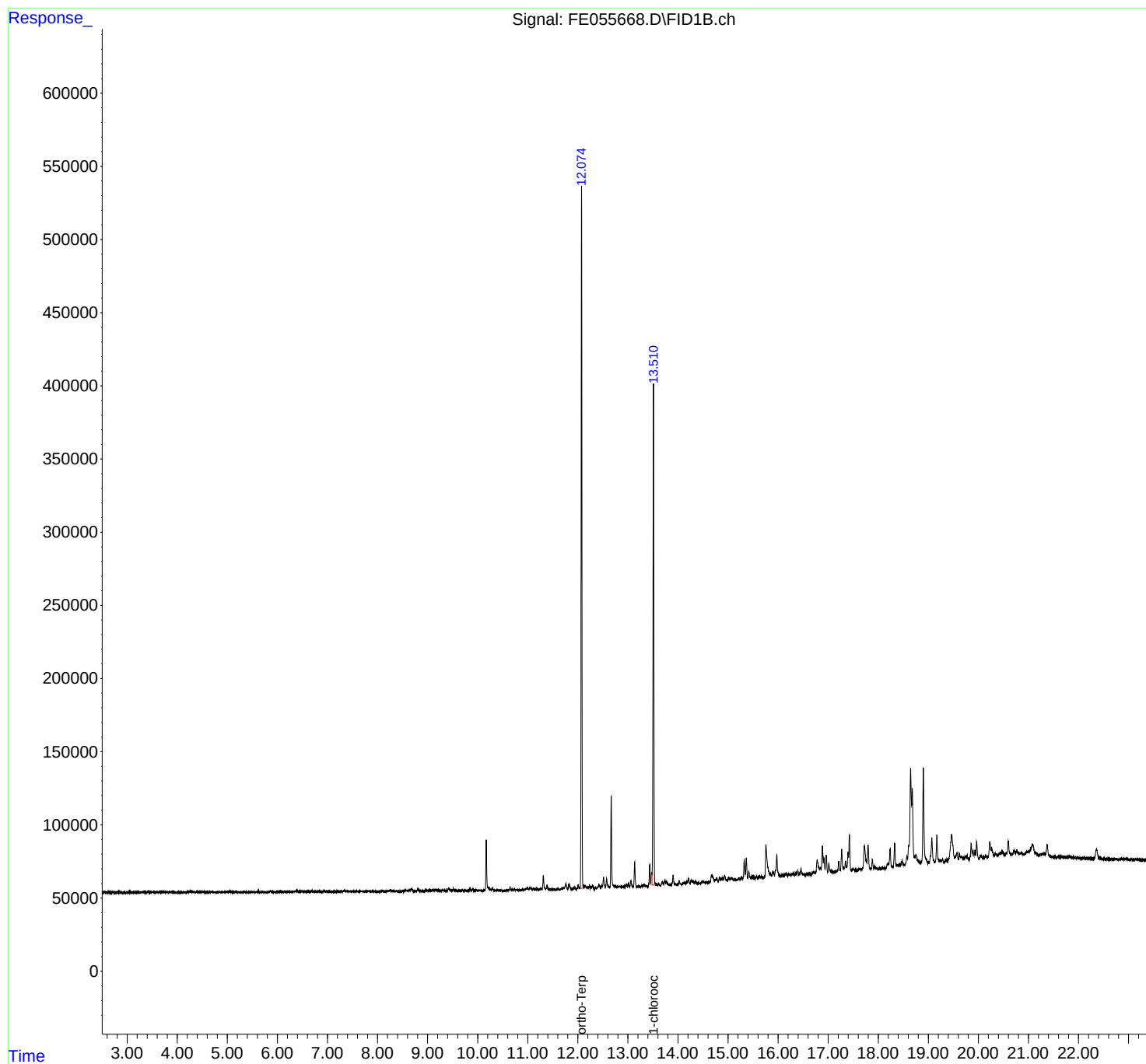
(m)=manual int.

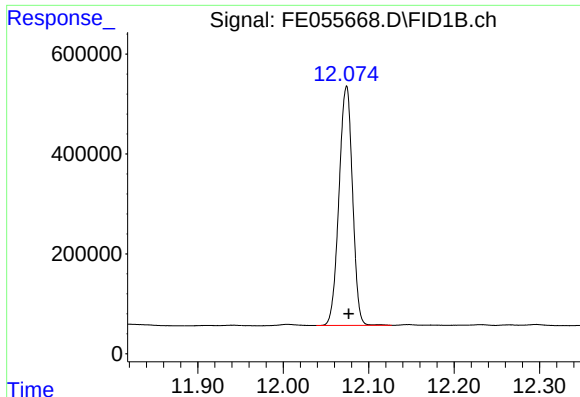
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055668.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 17:32
Operator : YP\AJ
Sample : Q3011-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
4

Integration File: autoint1.e
Quant Time: Sep 05 01:27:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

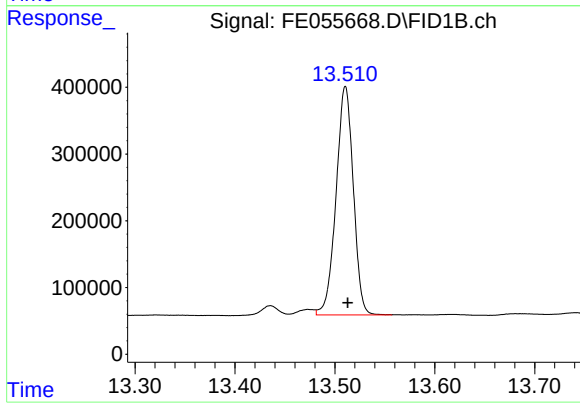




#9 ortho-Terphenyl (SURR)

R.T.: 12.074 min
Delta R.T.: -0.003 min
Response: 5269702
Conc: 32.08 ug/ml

Instrument :
FID_E
ClientSampleId :
4



#12 1-chlorooctadecane (SURR)

R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 4108450
Conc: 32.86 ug/ml m

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055668.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 17:32
Sample : Q3011-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	2.831	2.804	2.894	BV	70	1728	0.03%	0.004%
2	2.901	2.894	2.916	PV	55	398	0.01%	0.001%
3	2.929	2.916	2.936	PV	123	636	0.01%	0.001%
4	2.957	2.936	2.974	VV	143	1745	0.03%	0.004%
5	3.034	2.974	3.074	VV	447	12545	0.24%	0.028%
6	3.104	3.074	3.138	VV	266	5358	0.10%	0.012%
7	3.155	3.138	3.188	VV	285	4518	0.09%	0.010%
8	3.219	3.188	3.273	VV	141	5349	0.10%	0.012%
9	3.294	3.273	3.328	VV	383	8457	0.16%	0.019%
10	3.340	3.328	3.387	VV	320	7270	0.14%	0.016%
11	3.412	3.387	3.472	VV	362	13358	0.25%	0.030%
12	3.485	3.472	3.540	VV	278	8149	0.15%	0.018%
13	3.595	3.540	3.611	VV	273	10440	0.20%	0.023%
14	3.616	3.611	3.654	VV	267	6382	0.12%	0.014%
15	3.681	3.654	3.698	VV	258	5226	0.10%	0.012%
16	3.706	3.698	3.727	VV	280	3219	0.06%	0.007%
17	3.735	3.727	3.758	VV	304	3821	0.07%	0.009%
18	3.771	3.758	3.784	VV	351	4023	0.08%	0.009%
19	3.792	3.784	3.799	VV	231	2053	0.04%	0.005%
20	3.807	3.799	3.847	VV	237	6095	0.11%	0.014%
21	3.860	3.847	3.974	VV	286	14722	0.28%	0.033%
22	4.008	3.974	4.044	VV	261	6916	0.13%	0.016%
23	4.055	4.044	4.061	VV	225	1759	0.03%	0.004%
24	4.069	4.061	4.081	VV	167	1943	0.04%	0.004%
25	4.104	4.081	4.154	VV	262	7436	0.14%	0.017%
26	4.161	4.154	4.171	VV	304	1670	0.03%	0.004%
27	4.209	4.171	4.234	VV	998	15161	0.29%	0.034%
28	4.251	4.234	4.305	VV	1135	24281	0.46%	0.055%
29	4.323	4.305	4.356	VV	504	9400	0.18%	0.021%
30	4.417	4.356	4.428	VV	417	13979	0.26%	0.031%
31	4.444	4.428	4.471	VV	464	9558	0.18%	0.022%
32	4.483	4.471	4.494	VV	309	3750	0.07%	0.008%
33	4.514	4.494	4.561	VV	366	11253	0.21%	0.025%
34	4.573	4.561	4.604	VV	341	6115	0.12%	0.014%
35	4.618	4.604	4.637	VV	275	4808	0.09%	0.011%
36	4.648	4.637	4.658	VV	313	3423	0.06%	0.008%

					rteres			
37	4.671	4.658	4.701	VV	523	9112	0.17%	0.021%
38	4.705	4.701	4.744	VV	316	6705	0.13%	0.015%
39	4.753	4.744	4.779	VV	268	2647	0.05%	0.006%
40	4.843	4.779	4.870	PV	514	12196	0.23%	0.027%
41	4.907	4.870	4.943	VV	411	11885	0.22%	0.027%
42	4.954	4.943	4.974	VV	344	4424	0.08%	0.010%
43	5.043	4.974	5.158	VV	570	38025	0.72%	0.086%
44	5.168	5.158	5.208	VV	270	6372	0.12%	0.014%
45	5.278	5.208	5.307	VV	222	9297	0.18%	0.021%
46	5.331	5.307	5.361	VV	251	5546	0.10%	0.012%
47	5.383	5.361	5.414	VV	295	6557	0.12%	0.015%
48	5.423	5.414	5.428	VV	206	1571	0.03%	0.004%
49	5.436	5.428	5.479	VV	211	4990	0.09%	0.011%
50	5.498	5.479	5.562	VV	256	7095	0.13%	0.016%
51	5.571	5.562	5.581	VV	117	1233	0.02%	0.003%
52	5.586	5.581	5.592	VV	134	712	0.01%	0.002%
53	5.619	5.592	5.684	VV	1173	19240	0.36%	0.043%
54	5.691	5.684	5.718	VV	192	2303	0.04%	0.005%
55	5.764	5.718	5.792	VV	112	3124	0.06%	0.007%
56	5.811	5.792	5.836	PV	257	4301	0.08%	0.010%
57	5.858	5.836	5.908	VV	831	17974	0.34%	0.040%
58	5.934	5.908	5.971	VV	364	8343	0.16%	0.019%
59	6.055	5.971	6.092	VV	324	12207	0.23%	0.027%
60	6.134	6.092	6.165	VV	384	9170	0.17%	0.021%
61	6.183	6.165	6.214	VV	404	8200	0.15%	0.018%
62	6.222	6.214	6.278	VV	319	9370	0.18%	0.021%
63	6.292	6.278	6.311	VV	276	4314	0.08%	0.010%
64	6.355	6.311	6.370	VV	557	13094	0.25%	0.029%
65	6.391	6.370	6.458	VV	1137	29637	0.56%	0.067%
66	6.485	6.458	6.526	VV	493	15495	0.29%	0.035%
67	6.552	6.526	6.621	VV	718	21436	0.40%	0.048%
68	6.639	6.621	6.667	VV	353	8416	0.16%	0.019%
69	6.686	6.667	6.726	VV	1156	20432	0.39%	0.046%
70	6.740	6.726	6.751	VV	435	5664	0.11%	0.013%
71	6.767	6.751	6.830	VV	363	14485	0.27%	0.033%
72	6.847	6.830	6.874	VV	505	8726	0.16%	0.020%
73	6.882	6.874	6.901	VV	283	4423	0.08%	0.010%
74	6.926	6.901	6.974	VV	976	20012	0.38%	0.045%
75	6.996	6.974	7.028	VV	359	8164	0.15%	0.018%
76	7.057	7.028	7.085	VV	249	5691	0.11%	0.013%
77	7.133	7.085	7.145	VV	244	5876	0.11%	0.013%
78	7.151	7.145	7.163	VV	215	2108	0.04%	0.005%
79	7.181	7.163	7.191	VV	275	3464	0.07%	0.008%
80	7.208	7.191	7.215	VV	245	2947	0.06%	0.007%
81	7.256	7.215	7.298	VV	334	10535	0.20%	0.024%
82	7.329	7.298	7.418	VV	1145	39767	0.75%	0.090%
83	7.426	7.418	7.449	VV	392	5970	0.11%	0.013%
84	7.492	7.449	7.510	VV	488	11415	0.22%	0.026%
85	7.526	7.510	7.551	VV	513	8326	0.16%	0.019%
86	7.569	7.551	7.606	VV	440	8194	0.15%	0.018%
87	7.632	7.606	7.654	VV	320	6625	0.12%	0.015%
88	7.667	7.654	7.685	VV	380	5205	0.10%	0.012%
89	7.701	7.685	7.719	VV	263	4392	0.08%	0.010%

					rteres			
90	7.723	7.719	7.733	VV	237	1465	0.03%	0.003%
91	7.796	7.733	7.810	VV	510	12192	0.23%	0.027%
92	7.825	7.810	7.907	VV	413	16230	0.31%	0.037%
93	7.921	7.907	7.951	VV	250	4094	0.08%	0.009%
94	7.963	7.951	8.011	VV	150	2617	0.05%	0.006%
95	8.026	8.011	8.041	VV	166	1699	0.03%	0.004%
96	8.088	8.041	8.140	VV	909	12192	0.23%	0.027%
97	8.169	8.140	8.181	PV	116	1860	0.04%	0.004%
98	8.258	8.181	8.276	VV	1475	30366	0.57%	0.068%
99	8.292	8.276	8.314	VV	807	12283	0.23%	0.028%
100	8.326	8.314	8.351	VV	313	5011	0.09%	0.011%
101	8.378	8.351	8.388	VV	247	4230	0.08%	0.010%
102	8.413	8.388	8.448	VV	402	8642	0.16%	0.019%
103	8.457	8.448	8.478	VV	151	1321	0.02%	0.003%
104	8.503	8.478	8.523	VV	467	7439	0.14%	0.017%
105	8.559	8.523	8.600	VV	1518	33198	0.63%	0.075%
106	8.615	8.600	8.629	VV	779	11470	0.22%	0.026%
107	8.646	8.629	8.657	VV	967	12820	0.24%	0.029%
108	8.681	8.657	8.747	VV	1767	39753	0.75%	0.089%
109	8.802	8.747	8.871	VV	2154	47821	0.90%	0.108%
110	8.878	8.871	8.891	VV	279	2613	0.05%	0.006%
111	8.915	8.891	8.939	VV	484	8321	0.16%	0.019%
112	8.960	8.939	8.974	VV	756	9945	0.19%	0.022%
113	8.996	8.974	9.018	VV	653	14972	0.28%	0.034%
114	9.052	9.018	9.091	VV	1028	29709	0.56%	0.067%
115	9.104	9.091	9.140	VV	762	18398	0.35%	0.041%
116	9.163	9.140	9.204	VV	938	26569	0.50%	0.060%
117	9.223	9.204	9.264	VV	904	19173	0.36%	0.043%
118	9.299	9.264	9.321	VV	668	15256	0.29%	0.034%
119	9.347	9.321	9.361	VV	404	9106	0.17%	0.020%
120	9.418	9.361	9.478	VV	1809	57909	1.09%	0.130%
121	9.513	9.478	9.538	VV	1700	28447	0.54%	0.064%
122	9.552	9.538	9.599	VV	677	16118	0.30%	0.036%
123	9.613	9.599	9.651	VV	403	7847	0.15%	0.018%
124	9.671	9.651	9.681	VV	457	6762	0.13%	0.015%
125	9.702	9.681	9.734	VV	571	12298	0.23%	0.028%
126	9.755	9.734	9.779	VV	448	8415	0.16%	0.019%
127	9.809	9.779	9.821	VV	436	8028	0.15%	0.018%
128	9.842	9.821	9.871	VV	1610	27652	0.52%	0.062%
129	9.897	9.871	9.948	VV	1313	32591	0.61%	0.073%
130	9.970	9.948	10.003	VV	661	15588	0.29%	0.035%
131	10.041	10.003	10.061	VV	462	13197	0.25%	0.030%
132	10.073	10.061	10.100	VV	376	7005	0.13%	0.016%
133	10.133	10.100	10.148	VV	951	14271	0.27%	0.032%
134	10.171	10.148	10.268	VV	34781	468561	8.83%	1.055%
135	10.297	10.268	10.378	VV	2036	53023	1.00%	0.119%
136	10.403	10.378	10.431	VV	601	12382	0.23%	0.028%
137	10.461	10.431	10.495	VV	403	10108	0.19%	0.023%
138	10.505	10.495	10.523	VV	114	1480	0.03%	0.003%
139	10.599	10.523	10.623	PV	423	9226	0.17%	0.021%
140	10.646	10.623	10.671	VV	2539	31731	0.60%	0.071%
141	10.689	10.671	10.711	VV	926	14220	0.27%	0.032%

					rteres			
142	10.735	10.711	10.764	VV	839	18989	0.36%	0.043%
143	10.780	10.764	10.805	VV	671	10036	0.19%	0.023%
144	10.827	10.805	10.867	VV	537	10356	0.20%	0.023%
145	10.899	10.867	10.932	VV	748	16573	0.31%	0.037%
146	10.960	10.932	10.977	VV	1130	21908	0.41%	0.049%
147	10.995	10.977	11.017	VV	1921	30240	0.57%	0.068%
148	11.040	11.017	11.054	VV	2070	29801	0.56%	0.067%
149	11.065	11.054	11.088	VV	1467	21593	0.41%	0.049%
150	11.110	11.088	11.131	VV	1424	23978	0.45%	0.054%
151	11.143	11.131	11.158	VV	647	8962	0.17%	0.020%
152	11.174	11.158	11.219	VV	889	19281	0.36%	0.043%
153	11.264	11.219	11.283	VV	1199	21922	0.41%	0.049%
154	11.311	11.283	11.355	VV	9937	148384	2.80%	0.334%
155	11.384	11.355	11.426	VV	3129	59713	1.13%	0.134%
156	11.433	11.426	11.453	VV	678	8667	0.16%	0.020%
157	11.493	11.453	11.534	VV	392	11590	0.22%	0.026%
158	11.557	11.534	11.580	VV	266	3713	0.07%	0.008%
159	11.605	11.580	11.638	PV	927	14215	0.27%	0.032%
160	11.677	11.638	11.694	VV	1209	18370	0.35%	0.041%
161	11.718	11.694	11.731	VV	1461	20883	0.39%	0.047%
162	11.761	11.731	11.796	VV	4113	78824	1.49%	0.177%
163	11.820	11.796	11.888	VV	3298	73639	1.39%	0.166%
164	11.912	11.888	11.924	VV	668	8886	0.17%	0.020%
165	11.941	11.924	11.972	VV	1131	15957	0.30%	0.036%
166	12.005	11.972	12.037	VV	2851	46743	0.88%	0.105%
167	12.074	12.037	12.128	VV	482008	5303869	100.00%	11.938%
168	12.146	12.128	12.164	VV	2395	33677	0.63%	0.076%
169	12.174	12.164	12.193	VV	1212	17644	0.33%	0.040%
170	12.231	12.193	12.248	VV	1995	40699	0.77%	0.092%
171	12.264	12.248	12.278	VV	1583	20370	0.38%	0.046%
172	12.296	12.278	12.335	VV	2369	33068	0.62%	0.074%
173	12.355	12.335	12.379	PV	716	9523	0.18%	0.021%
174	12.418	12.379	12.457	VV	2303	60518	1.14%	0.136%
175	12.481	12.457	12.491	VV	1735	27031	0.51%	0.061%
176	12.513	12.491	12.553	VV	7703	130099	2.45%	0.293%
177	12.575	12.553	12.633	VV	6715	117647	2.22%	0.265%
178	12.667	12.633	12.743	VV	63330	764749	14.42%	1.721%
179	12.757	12.743	12.772	VV	1185	16712	0.32%	0.038%
180	12.793	12.772	12.821	VV	1028	23528	0.44%	0.053%
181	12.835	12.821	12.893	VV	908	28179	0.53%	0.063%
182	12.908	12.893	12.940	VV	844	19001	0.36%	0.043%
183	12.969	12.940	12.987	VV	1664	34467	0.65%	0.078%
184	13.015	12.987	13.036	VV	2117	43802	0.83%	0.099%
185	13.060	13.036	13.105	VV	4749	77686	1.46%	0.175%
186	13.135	13.105	13.195	VV	17079	232351	4.38%	0.523%
187	13.216	13.195	13.254	VV	519	9702	0.18%	0.022%
188	13.276	13.254	13.290	PV	982	12987	0.24%	0.029%
189	13.322	13.290	13.365	VV	1287	36582	0.69%	0.082%
190	13.377	13.365	13.395	VV	471	6177	0.12%	0.014%
191	13.435	13.395	13.454	VV	14935	181990	3.43%	0.410%
192	13.511	13.454	13.598	VV	343540	4280779	80.71%	9.635%
193	13.617	13.598	13.654	VV	1394	26192	0.49%	0.059%
194	13.684	13.654	13.712	VV	2329	54455	1.03%	0.123%

					rteres			
195	13.741	13.712	13.757	VV	3760	67162	1.27%	0.151%
196	13.769	13.757	13.820	VV	2760	59132	1.11%	0.133%
197	13.834	13.820	13.848	VV	445	5533	0.10%	0.012%
198	13.903	13.848	13.972	VV	6907	117335	2.21%	0.264%
199	14.027	13.972	14.074	VV	2480	47401	0.89%	0.107%
200	14.098	14.074	14.111	VV	751	11000	0.21%	0.025%
201	14.135	14.111	14.154	VV	1361	21321	0.40%	0.048%
202	14.178	14.154	14.194	VV	2177	31100	0.59%	0.070%
203	14.214	14.194	14.238	VV	3952	54925	1.04%	0.124%
204	14.264	14.238	14.281	VV	2811	42831	0.81%	0.096%
205	14.288	14.281	14.331	VV	2064	46048	0.87%	0.104%
206	14.350	14.331	14.378	VV	1896	28980	0.55%	0.065%
207	14.395	14.378	14.410	VV	503	6246	0.12%	0.014%
208	14.420	14.410	14.438	VV	447	3981	0.08%	0.009%
209	14.491	14.438	14.546	PV	1300	40578	0.77%	0.091%
210	14.559	14.546	14.578	VV	554	6777	0.13%	0.015%
211	14.670	14.578	14.747	VV	5218	208683	3.93%	0.470%
212	14.769	14.747	14.806	VV	2967	67523	1.27%	0.152%
213	14.829	14.806	14.850	VV	3615	59940	1.13%	0.135%
214	14.864	14.850	14.878	VV	2667	36497	0.69%	0.082%
215	14.899	14.878	14.915	VV	3227	54265	1.02%	0.122%
216	14.933	14.915	14.988	VV	4729	102492	1.93%	0.231%
217	15.011	14.988	15.032	VV	3172	56130	1.06%	0.126%
218	15.055	15.032	15.063	VV	2298	39220	0.74%	0.088%
219	15.075	15.063	15.104	VV	2766	47062	0.89%	0.106%
220	15.131	15.104	15.151	VV	1431	33638	0.63%	0.076%
221	15.163	15.151	15.168	VV	1126	10843	0.20%	0.024%
222	15.206	15.168	15.242	VV	1898	64630	1.22%	0.145%
223	15.276	15.242	15.293	VV	2183	55981	1.06%	0.126%
224	15.323	15.293	15.344	VV	13994	212542	4.01%	0.478%
225	15.364	15.344	15.395	VV	15379	248542	4.69%	0.559%
226	15.415	15.395	15.463	VV	6237	133307	2.51%	0.300%
227	15.484	15.463	15.534	VV	3122	92704	1.75%	0.209%
228	15.571	15.534	15.600	VV	2486	71140	1.34%	0.160%
229	15.627	15.600	15.653	VV	2400	63322	1.19%	0.143%
230	15.674	15.653	15.696	VV	2351	51086	0.96%	0.115%
231	15.758	15.696	15.838	VV	23161	677276	12.77%	1.524%
232	15.850	15.838	15.870	VV	3856	62070	1.17%	0.140%
233	15.893	15.870	15.927	VV	5160	134779	2.54%	0.303%
234	15.974	15.927	16.023	VV	16513	387549	7.31%	0.872%
235	16.035	16.023	16.054	VV	2605	42762	0.81%	0.096%
236	16.077	16.054	16.095	VV	2470	53102	1.00%	0.120%
237	16.116	16.095	16.124	VV	2313	37465	0.71%	0.084%
238	16.162	16.124	16.185	VV	3039	95651	1.80%	0.215%
239	16.209	16.185	16.236	VV	2564	70437	1.33%	0.159%
240	16.241	16.236	16.261	VV	2396	32698	0.62%	0.074%
241	16.291	16.261	16.336	VV	2991	120784	2.28%	0.272%
242	16.359	16.336	16.376	VV	3662	70979	1.34%	0.160%
243	16.394	16.376	16.416	VV	4885	83420	1.57%	0.188%
244	16.457	16.416	16.541	VV	5678	203859	3.84%	0.459%
245	16.575	16.541	16.585	VV	2389	50927	0.96%	0.115%
246	16.602	16.585	16.610	VV	2367	33035	0.62%	0.074%

					rteres			
247	16.625	16.610	16.657	VV	2329	57719	1.09%	0.130%
248	16.703	16.657	16.738	VV	3138	123244	2.32%	0.277%
249	16.781	16.738	16.834	VV	11356	373527	7.04%	0.841%
250	16.844	16.834	16.858	VV	5820	79836	1.51%	0.180%
251	16.885	16.858	16.904	VV	20615	347594	6.55%	0.782%
252	16.916	16.904	16.937	VV	12326	176610	3.33%	0.398%
253	16.963	16.937	16.990	VV	14204	254674	4.80%	0.573%
254	17.014	16.990	17.065	VV	8562	206311	3.89%	0.464%
255	17.080	17.065	17.119	VV	3019	79996	1.51%	0.180%
256	17.211	17.119	17.239	VV	9435	290545	5.48%	0.654%
257	17.270	17.239	17.301	VV	17659	322269	6.08%	0.725%
258	17.315	17.301	17.328	VV	4939	72618	1.37%	0.163%
259	17.346	17.328	17.364	VV	9395	154107	2.91%	0.347%
260	17.397	17.364	17.406	VV	15060	240148	4.53%	0.541%
261	17.424	17.406	17.455	VV	27044	412384	7.78%	0.928%
262	17.483	17.455	17.501	VV	3611	88567	1.67%	0.199%
263	17.508	17.501	17.542	VV	3464	75902	1.43%	0.171%
264	17.550	17.542	17.581	VV	2912	63166	1.19%	0.142%
265	17.609	17.581	17.620	VV	3326	70774	1.33%	0.159%
266	17.634	17.620	17.655	VV	3401	68281	1.29%	0.154%
267	17.723	17.655	17.773	VV	18951	641404	12.09%	1.444%
268	17.797	17.773	17.839	VV	19556	391747	7.39%	0.882%
269	17.883	17.839	17.914	VV	9288	223957	4.22%	0.504%
270	17.934	17.914	17.958	VV	4611	101714	1.92%	0.229%
271	17.972	17.958	17.998	VV	3476	71731	1.35%	0.161%
272	18.023	17.998	18.052	VV	3514	94075	1.77%	0.212%
273	18.080	18.052	18.112	VV	3305	104630	1.97%	0.235%
274	18.126	18.112	18.141	VV	3049	50117	0.94%	0.113%
275	18.195	18.141	18.210	VV	5958	185893	3.50%	0.418%
276	18.236	18.210	18.291	VV	15810	362979	6.84%	0.817%
277	18.327	18.291	18.357	VV	19609	374461	7.06%	0.843%
278	18.368	18.357	18.387	VV	4848	83274	1.57%	0.187%
279	18.428	18.387	18.441	VV	4827	144279	2.72%	0.325%
280	18.478	18.441	18.536	VV	7383	298265	5.62%	0.671%
281	18.572	18.536	18.585	VV	10185	221282	4.17%	0.498%
282	18.646	18.585	18.666	VV	69971	1636466	30.85%	3.683%
283	18.679	18.666	18.738	VV	56362	1103578	20.81%	2.484%
284	18.755	18.738	18.836	VV	10861	442914	8.35%	0.997%
285	18.900	18.836	18.998	VV	69814	1563550	29.48%	3.519%
286	19.070	18.998	19.129	VV	21536	726577	13.70%	1.635%
287	19.170	19.129	19.225	VV	23299	572369	10.79%	1.288%
288	19.243	19.225	19.271	VV	6438	165785	3.13%	0.373%
289	19.286	19.271	19.311	VV	6941	138717	2.62%	0.312%
290	19.349	19.311	19.362	VV	6166	165370	3.12%	0.372%
291	19.372	19.362	19.386	VV	6181	82685	1.56%	0.186%
292	19.468	19.386	19.531	VV	23369	1092336	20.60%	2.459%
293	19.572	19.531	19.597	VV	10838	337023	6.35%	0.759%
294	19.620	19.597	19.646	VV	9207	234626	4.42%	0.528%
295	19.658	19.646	19.709	VV	7901	264680	4.99%	0.596%
296	19.750	19.709	19.761	VV	7400	215734	4.07%	0.486%
297	19.777	19.761	19.815	VV	8016	214504	4.04%	0.483%
298	19.856	19.815	19.876	VV	16404	369251	6.96%	0.831%
299	19.893	19.876	19.913	VV	11611	219467	4.14%	0.494%

					rteres			
300	19.932	19.913	19.946	VV	11773	196289	3.70%	0.442%
301	19.966	19.946	20.004	VV	17391	378819	7.14%	0.853%
302	20.042	20.004	20.073	VV	7961	277494	5.23%	0.625%
303	20.085	20.073	20.111	VV	6580	142715	2.69%	0.321%
304	20.143	20.111	20.184	VV	7346	293444	5.53%	0.660%
305	20.230	20.184	20.251	VV	16640	444105	8.37%	1.000%
306	20.263	20.251	20.318	VV	12137	375456	7.08%	0.845%
307	20.336	20.318	20.384	VV	8352	307924	5.81%	0.693%
308	20.476	20.384	20.529	VV	9357	715413	13.49%	1.610%
309	20.555	20.529	20.569	VV	8374	193018	3.64%	0.434%
310	20.597	20.569	20.663	VV	16523	564363	10.64%	1.270%
311	20.712	20.663	20.742	VV	9878	389085	7.34%	0.876%
312	20.768	20.742	20.814	VV	10236	374529	7.06%	0.843%
313	20.861	20.814	20.901	VV	7783	384838	7.26%	0.866%
314	20.967	20.901	20.988	VV	8755	392243	7.40%	0.883%
315	21.080	20.988	21.131	VV	13205	861799	16.25%	1.940%
316	21.147	21.131	21.214	VV	7418	317081	5.98%	0.714%
317	21.258	21.214	21.267	VV	5977	181849	3.43%	0.409%
318	21.300	21.267	21.331	VV	6525	233840	4.41%	0.526%
319	21.372	21.331	21.499	VV	12364	602906	11.37%	1.357%
320	21.509	21.499	21.514	VV	3676	33001	0.62%	0.074%
321	21.530	21.514	21.565	VV	3795	111332	2.10%	0.251%
322	21.604	21.565	21.674	VV	3722	231304	4.36%	0.521%
323	21.684	21.674	21.697	VV	3367	45890	0.87%	0.103%
324	21.710	21.697	21.759	VV	3326	117635	2.22%	0.265%
325	21.782	21.759	21.796	VV	3175	66482	1.25%	0.150%
326	21.829	21.796	21.874	VV	3415	143103	2.70%	0.322%
327	21.884	21.874	22.018	VV	2672	197593	3.73%	0.445%
328	22.027	22.018	22.058	VV	1861	39881	0.75%	0.090%
329	22.101	22.058	22.161	VV	1856	99524	1.88%	0.224%
330	22.204	22.161	22.261	VV	1383	76151	1.44%	0.171%
331	22.271	22.261	22.286	VV	1021	14130	0.27%	0.032%
332	22.359	22.286	22.477	VV	7127	271160	5.11%	0.610%
333	22.504	22.477	22.567	VV	469	16115	0.30%	0.036%
Sum of corrected areas:					44429595			

Aliphatic EPH 082925.M Fri Sep 05 02:21:52 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	5	SDG No.:	Q3011
Lab Sample ID:	Q3011-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.2
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
09/04/25 09:05	09/04/25 18:03	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.74		1	0.94	4.15	mg/kg	FE055669.D
Total EPH	Total EPH	5.74			0.94	4.15	mg/kg	

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	5	SDG No.:	Q3011
Lab Sample ID:	Q3011-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.2
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
FE055669.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.74		0.94	4.15	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.25		1.22	2.07	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.7		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.9		40 - 140	62%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3011-07	Acq On:	04 Sep 2025 18:03
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE055669.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	3.312	6.946	734263	5.718	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1254686	9.287	200	ug/ml
Aliphatic C16-C21	10.399	13.777	6521072	45.217	300	ug/ml
Aliphatic C21-C28	13.778	17.448	3249469	22.686	400	ug/ml
Aliphatic C28-C40	17.449	22.463	12444387	90.36	600	ug/ml
Aliphatic EPH	3.312	22.463	24203877	173.269		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	5069867	30.86		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	3965118	31.71		ug/ml
Aliphatic C9-C28	3.312	17.448	11759490	82.908	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055669.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 18:03
 Operator : YP\AJ
 Sample : Q3011-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5

Integration File: autoint1.e
 Quant Time: Sep 05 01:28:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.074	5069867	30.860 ug/ml
Spiked Amount 50.000		Recovery =	61.72%
12) S 1-chlorooctadecane (S...	13.511	3965118	31.710 ug/mlm
Spiked Amount 50.000		Recovery =	63.42%

Target Compounds

(f)=RT Delta > 1/2 Window

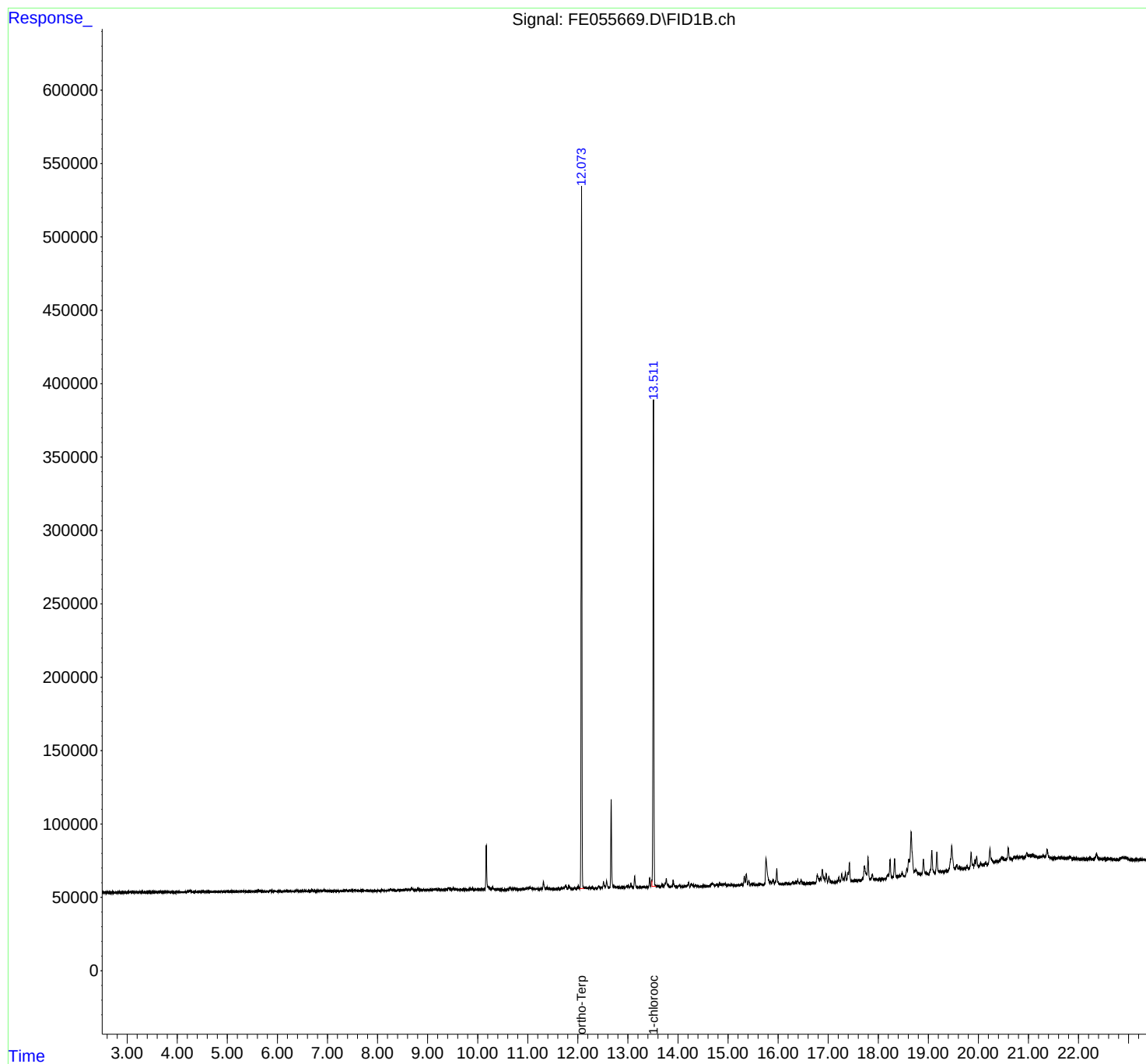
(m)=manual int.

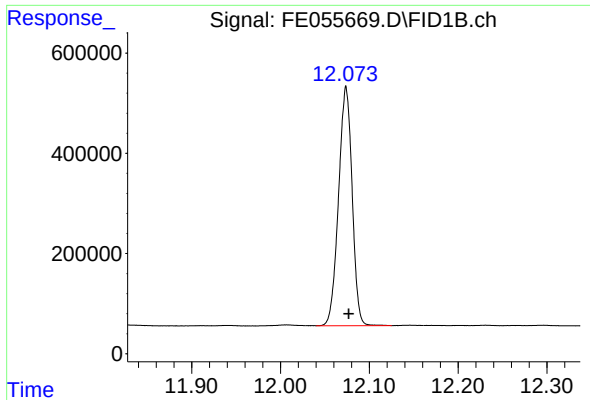
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055669.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 18:03
Operator : YP\AJ
Sample : Q3011-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5

Integration File: autoint1.e
Quant Time: Sep 05 01:28:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

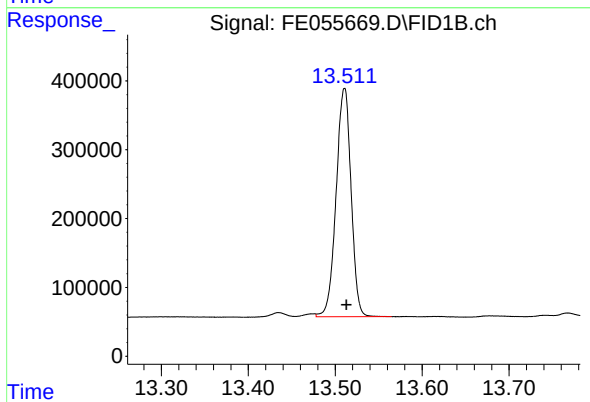




#9 ortho-Terphenyl (SURR)

R.T.: 12.074 min
Delta R.T.: -0.003 min
Response: 5069867
Conc: 30.86 ug/ml

Instrument :
FID_E
ClientSampleId :
5



#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 3965118
Conc: 31.71 ug/ml m

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055669.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 18:03
 Sample : Q3011-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	2.838	2.804	2.848	BV	165	1801	0.04%	0.006%
2	2.855	2.848	2.874	VV	69	797	0.02%	0.003%
3	2.889	2.874	2.915	VV	81	1181	0.02%	0.004%
4	2.933	2.915	2.971	VV	104	2832	0.06%	0.010%
5	2.978	2.971	3.004	VV	166	2670	0.05%	0.009%
6	3.039	3.004	3.059	VV	385	8251	0.16%	0.028%
7	3.063	3.059	3.081	VV	257	2554	0.05%	0.009%
8	3.100	3.081	3.138	VV	224	6112	0.12%	0.021%
9	3.157	3.138	3.240	VV	358	14073	0.28%	0.048%
10	3.262	3.240	3.271	VV	244	3826	0.08%	0.013%
11	3.295	3.271	3.311	VV	406	6826	0.13%	0.023%
12	3.325	3.311	3.344	VV	346	6340	0.12%	0.022%
13	3.371	3.344	3.391	VV	335	7652	0.15%	0.026%
14	3.412	3.391	3.442	VV	336	8047	0.16%	0.027%
15	3.551	3.442	3.628	VV	326	28843	0.57%	0.098%
16	3.644	3.628	3.664	VV	318	5468	0.11%	0.019%
17	3.683	3.664	3.708	VV	320	6601	0.13%	0.022%
18	3.717	3.708	3.730	VV	294	2888	0.06%	0.010%
19	3.774	3.730	3.821	VV	532	15304	0.30%	0.052%
20	3.873	3.821	3.948	VV	336	18298	0.36%	0.062%
21	4.000	3.948	4.058	VV	325	15712	0.31%	0.054%
22	4.121	4.058	4.144	PV	346	10990	0.22%	0.037%
23	4.208	4.144	4.234	VV	920	22821	0.45%	0.078%
24	4.252	4.234	4.296	VV	1380	30294	0.59%	0.103%
25	4.307	4.296	4.385	VV	473	20946	0.41%	0.071%
26	4.416	4.385	4.437	VV	408	11960	0.23%	0.041%
27	4.445	4.437	4.498	VV	507	14432	0.28%	0.049%
28	4.516	4.498	4.534	VV	470	8518	0.17%	0.029%
29	4.549	4.534	4.571	VV	380	7866	0.15%	0.027%
30	4.577	4.571	4.589	VV	337	3481	0.07%	0.012%
31	4.596	4.589	4.614	VV	363	4673	0.09%	0.016%
32	4.673	4.614	4.703	VV	518	20137	0.40%	0.069%
33	4.717	4.703	4.728	VV	412	5631	0.11%	0.019%
34	4.783	4.728	4.822	VV	416	17609	0.35%	0.060%
35	4.841	4.822	4.862	VV	603	10394	0.20%	0.035%
36	4.882	4.862	4.948	VV	446	19372	0.38%	0.066%

					rteres			
37	5.011	4.948	5.031	VV	469	20330	0.40%	0.069%
38	5.058	5.031	5.109	VV	589	20973	0.41%	0.071%
39	5.121	5.109	5.135	VV	434	5650	0.11%	0.019%
40	5.182	5.135	5.210	VV	393	15157	0.30%	0.052%
41	5.219	5.210	5.268	VV	358	10514	0.21%	0.036%
42	5.334	5.268	5.361	VV	469	18544	0.36%	0.063%
43	5.377	5.361	5.415	VV	478	11707	0.23%	0.040%
44	5.429	5.415	5.458	VV	345	8389	0.16%	0.029%
45	5.465	5.458	5.484	VV	312	4921	0.10%	0.017%
46	5.503	5.484	5.534	VV	412	9930	0.19%	0.034%
47	5.542	5.534	5.577	VV	372	7493	0.15%	0.026%
48	5.588	5.577	5.597	VV	315	3574	0.07%	0.012%
49	5.619	5.597	5.688	VV	1203	24968	0.49%	0.085%
50	5.691	5.688	5.744	VV	362	8491	0.17%	0.029%
51	5.808	5.744	5.822	VV	284	10962	0.22%	0.037%
52	5.857	5.822	5.915	VV	923	24602	0.48%	0.084%
53	5.932	5.915	5.971	VV	339	8850	0.17%	0.030%
54	5.987	5.971	6.021	VV	322	7604	0.15%	0.026%
55	6.029	6.021	6.038	VV	196	2005	0.04%	0.007%
56	6.058	6.038	6.101	VV	370	9065	0.18%	0.031%
57	6.109	6.101	6.117	VV	233	1882	0.04%	0.006%
58	6.134	6.117	6.152	VV	363	5869	0.12%	0.020%
59	6.182	6.152	6.273	VV	557	20174	0.40%	0.069%
60	6.287	6.273	6.302	VV	224	3134	0.06%	0.011%
61	6.355	6.302	6.364	VV	433	9564	0.19%	0.033%
62	6.389	6.364	6.455	VV	920	27275	0.54%	0.093%
63	6.485	6.455	6.495	VV	434	8773	0.17%	0.030%
64	6.501	6.495	6.511	VV	383	3361	0.07%	0.011%
65	6.554	6.511	6.584	VV	671	16814	0.33%	0.057%
66	6.596	6.584	6.607	VV	294	3440	0.07%	0.012%
67	6.625	6.607	6.635	VV	315	4782	0.09%	0.016%
68	6.643	6.635	6.663	VV	290	4210	0.08%	0.014%
69	6.686	6.663	6.726	VV	1077	19729	0.39%	0.067%
70	6.741	6.726	6.772	VV	370	8510	0.17%	0.029%
71	6.783	6.772	6.798	VV	370	4649	0.09%	0.016%
72	6.808	6.798	6.827	VV	313	5062	0.10%	0.017%
73	6.845	6.827	6.868	VV	376	7151	0.14%	0.024%
74	6.926	6.868	6.963	VV	978	21878	0.43%	0.075%
75	6.973	6.963	6.994	VV	257	4431	0.09%	0.015%
76	7.001	6.994	7.031	VV	289	4090	0.08%	0.014%
77	7.066	7.031	7.091	VV	215	6155	0.12%	0.021%
78	7.131	7.091	7.174	VV	255	6585	0.13%	0.022%
79	7.211	7.174	7.226	VV	152	3754	0.07%	0.013%
80	7.257	7.226	7.294	VV	262	5461	0.11%	0.019%
81	7.331	7.294	7.371	VV	825	20581	0.40%	0.070%
82	7.392	7.371	7.478	VV	452	20761	0.41%	0.071%
83	7.491	7.478	7.507	VV	403	6031	0.12%	0.021%
84	7.525	7.507	7.550	VV	719	11507	0.23%	0.039%
85	7.569	7.550	7.588	VV	548	8920	0.18%	0.030%
86	7.629	7.588	7.644	VV	378	8496	0.17%	0.029%
87	7.666	7.644	7.686	VV	407	8370	0.16%	0.029%
88	7.703	7.686	7.761	VV	338	12775	0.25%	0.044%
89	7.793	7.761	7.812	VV	386	8772	0.17%	0.030%

					rteres			
90	7.821	7.812	7.837	VV	234	2561	0.05%	0.009%
91	7.854	7.837	7.872	VV	208	3057	0.06%	0.010%
92	7.878	7.872	7.903	VV	133	1776	0.03%	0.006%
93	7.924	7.903	7.971	VV	163	4486	0.09%	0.015%
94	7.979	7.971	7.993	VV	189	1160	0.02%	0.004%
95	8.005	7.993	8.011	VV	123	813	0.02%	0.003%
96	8.027	8.011	8.046	VV	193	2586	0.05%	0.009%
97	8.088	8.046	8.131	VV	761	12249	0.24%	0.042%
98	8.257	8.131	8.279	VV	1160	35364	0.69%	0.120%
99	8.289	8.279	8.356	VV	429	13887	0.27%	0.047%
100	8.422	8.356	8.451	VV	452	17555	0.34%	0.060%
101	8.469	8.451	8.478	VV	263	4054	0.08%	0.014%
102	8.501	8.478	8.533	VV	658	14285	0.28%	0.049%
103	8.574	8.533	8.654	VV	824	41906	0.82%	0.143%
104	8.681	8.654	8.755	VV	1536	46699	0.92%	0.159%
105	8.803	8.755	8.864	VV	1221	38948	0.76%	0.133%
106	8.874	8.864	8.896	VV	390	6478	0.13%	0.022%
107	8.914	8.896	8.944	VV	591	11897	0.23%	0.041%
108	8.961	8.944	8.988	VV	530	9723	0.19%	0.033%
109	9.021	8.988	9.030	VV	469	10098	0.20%	0.034%
110	9.056	9.030	9.084	VV	752	18967	0.37%	0.065%
111	9.099	9.084	9.114	VV	623	10291	0.20%	0.035%
112	9.160	9.114	9.203	VV	889	34804	0.68%	0.119%
113	9.224	9.203	9.261	VV	1040	20839	0.41%	0.071%
114	9.307	9.261	9.327	VV	529	16868	0.33%	0.057%
115	9.375	9.327	9.387	VV	565	16986	0.33%	0.058%
116	9.418	9.387	9.454	VV	1822	45774	0.90%	0.156%
117	9.463	9.454	9.484	VV	742	10595	0.21%	0.036%
118	9.512	9.484	9.538	VV	1584	29416	0.58%	0.100%
119	9.548	9.538	9.641	VV	666	26645	0.52%	0.091%
120	9.670	9.641	9.684	VV	351	8092	0.16%	0.028%
121	9.701	9.684	9.778	VV	527	19161	0.38%	0.065%
122	9.807	9.778	9.824	VV	425	8961	0.18%	0.031%
123	9.844	9.824	9.875	VV	1304	24684	0.48%	0.084%
124	9.898	9.875	9.925	VV	1007	21275	0.42%	0.072%
125	9.974	9.925	10.000	VV	608	21415	0.42%	0.073%
126	10.021	10.000	10.061	VV	479	13980	0.27%	0.048%
127	10.075	10.061	10.103	VV	489	8036	0.16%	0.027%
128	10.133	10.103	10.145	VV	794	12597	0.25%	0.043%
129	10.171	10.145	10.273	VV	30561	419297	8.23%	1.429%
130	10.296	10.273	10.334	VV	2184	39806	0.78%	0.136%
131	10.341	10.334	10.377	VV	490	9926	0.19%	0.034%
132	10.401	10.377	10.436	VV	547	11213	0.22%	0.038%
133	10.458	10.436	10.519	VV	242	7772	0.15%	0.026%
134	10.607	10.519	10.621	PV	426	10628	0.21%	0.036%
135	10.646	10.621	10.671	VV	2096	28307	0.56%	0.096%
136	10.689	10.671	10.711	VV	863	12922	0.25%	0.044%
137	10.734	10.711	10.761	VV	1104	20282	0.40%	0.069%
138	10.782	10.761	10.808	VV	518	10359	0.20%	0.035%
139	10.829	10.808	10.867	VV	478	10936	0.21%	0.037%
140	10.964	10.867	10.977	VV	946	30459	0.60%	0.104%
141	10.995	10.977	11.014	VV	1490	22040	0.43%	0.075%

					rteres			
142	11.039	11.014	11.056	VV	2016	30920	0.61%	0.105%
143	11.066	11.056	11.089	VV	1066	15586	0.31%	0.053%
144	11.111	11.089	11.130	VV	923	15793	0.31%	0.054%
145	11.143	11.130	11.158	VV	709	9179	0.18%	0.031%
146	11.172	11.158	11.208	VV	626	13770	0.27%	0.047%
147	11.221	11.208	11.234	VV	355	5346	0.10%	0.018%
148	11.262	11.234	11.284	VV	964	17010	0.33%	0.058%
149	11.313	11.284	11.361	VV	5664	95106	1.87%	0.324%
150	11.384	11.361	11.524	VV	1571	54338	1.07%	0.185%
151	11.557	11.524	11.581	VV	365	6237	0.12%	0.021%
152	11.606	11.581	11.642	PV	715	11807	0.23%	0.040%
153	11.678	11.642	11.698	VV	1271	20795	0.41%	0.071%
154	11.718	11.698	11.730	VV	1239	16125	0.32%	0.055%
155	11.761	11.730	11.801	VV	2785	62049	1.22%	0.211%
156	11.822	11.801	11.891	VV	2173	48445	0.95%	0.165%
157	11.912	11.891	11.923	VV	472	6145	0.12%	0.021%
158	11.940	11.923	11.970	VV	950	12539	0.25%	0.043%
159	12.007	11.970	12.041	VV	2021	37219	0.73%	0.127%
160	12.074	12.041	12.129	VV	475746	5093845	100.00%	17.356%
161	12.146	12.129	12.161	VV	1273	19675	0.39%	0.067%
162	12.171	12.161	12.191	VV	951	14223	0.28%	0.048%
163	12.202	12.191	12.214	VV	777	9535	0.19%	0.032%
164	12.231	12.214	12.249	VV	1267	17151	0.34%	0.058%
165	12.266	12.249	12.277	VV	761	9659	0.19%	0.033%
166	12.296	12.277	12.334	VV	1139	17327	0.34%	0.059%
167	12.356	12.334	12.384	PV	682	9740	0.19%	0.033%
168	12.415	12.384	12.461	VV	1921	48859	0.96%	0.166%
169	12.482	12.461	12.491	VV	1101	15253	0.30%	0.052%
170	12.513	12.491	12.554	VV	4751	89405	1.76%	0.305%
171	12.574	12.554	12.634	VV	5287	99658	1.96%	0.340%
172	12.666	12.634	12.742	VV	59998	728799	14.31%	2.483%
173	12.753	12.742	12.771	VV	1099	16901	0.33%	0.058%
174	12.789	12.771	12.821	VV	1057	25092	0.49%	0.085%
175	12.834	12.821	12.851	VV	677	11002	0.22%	0.037%
176	12.877	12.851	12.895	VV	832	16028	0.31%	0.055%
177	12.924	12.895	12.939	VV	676	15130	0.30%	0.052%
178	12.964	12.939	12.984	VV	1297	27467	0.54%	0.094%
179	13.001	12.984	13.036	VV	1465	33486	0.66%	0.114%
180	13.060	13.036	13.105	VV	3514	56980	1.12%	0.194%
181	13.135	13.105	13.198	VV	8325	131764	2.59%	0.449%
182	13.225	13.198	13.258	VV	596	14925	0.29%	0.051%
183	13.302	13.258	13.314	VV	862	22644	0.44%	0.077%
184	13.320	13.314	13.364	VV	864	18166	0.36%	0.062%
185	13.380	13.364	13.396	VV	440	6804	0.13%	0.023%
186	13.435	13.396	13.454	VV	6910	90967	1.79%	0.310%
187	13.510	13.454	13.574	VV	335065	4069928	79.90%	13.868%
188	13.582	13.574	13.599	VV	1059	13693	0.27%	0.047%
189	13.616	13.599	13.651	VV	1115	22625	0.44%	0.077%
190	13.678	13.651	13.718	VV	1988	49194	0.97%	0.168%
191	13.742	13.718	13.750	VV	2816	35792	0.70%	0.122%
192	13.767	13.750	13.842	VV	6052	119873	2.35%	0.408%
193	13.903	13.842	13.972	VV	4915	100477	1.97%	0.342%
194	14.028	13.972	14.081	VV	1298	40024	0.79%	0.136%

					rteres			
195	14.098	14.081	14.111	VV	462	7691	0.15%	0.026%
196	14.133	14.111	14.161	VV	751	16272	0.32%	0.055%
197	14.182	14.161	14.194	VV	1291	18102	0.36%	0.062%
198	14.213	14.194	14.239	VV	3121	44669	0.88%	0.152%
199	14.264	14.239	14.329	VV	2240	60720	1.19%	0.207%
200	14.352	14.329	14.376	VV	1080	19288	0.38%	0.066%
201	14.396	14.376	14.444	VV	586	11375	0.22%	0.039%
202	14.499	14.444	14.524	VV	452	14874	0.29%	0.051%
203	14.539	14.524	14.581	VV	449	8011	0.16%	0.027%
204	14.629	14.581	14.643	PV	595	10135	0.20%	0.035%
205	14.673	14.643	14.688	VV	1997	38726	0.76%	0.132%
206	14.699	14.688	14.724	VV	2123	32798	0.64%	0.112%
207	14.771	14.724	14.803	VV	1521	43356	0.85%	0.148%
208	14.828	14.803	14.848	VV	2277	34342	0.67%	0.117%
209	14.865	14.848	14.880	VV	1464	20336	0.40%	0.069%
210	14.901	14.880	14.917	VV	1700	25940	0.51%	0.088%
211	14.936	14.917	14.988	VV	1399	34656	0.68%	0.118%
212	15.011	14.988	15.035	VV	1057	18141	0.36%	0.062%
213	15.056	15.035	15.065	VV	896	11533	0.23%	0.039%
214	15.075	15.065	15.112	VV	851	15448	0.30%	0.053%
215	15.141	15.112	15.151	VV	381	6774	0.13%	0.023%
216	15.277	15.151	15.298	VV	678	40553	0.80%	0.138%
217	15.325	15.298	15.344	VV	6585	99077	1.95%	0.338%
218	15.365	15.344	15.395	VV	7805	127693	2.51%	0.435%
219	15.416	15.395	15.444	VV	3403	52715	1.03%	0.180%
220	15.486	15.444	15.541	VV	1124	39893	0.78%	0.136%
221	15.565	15.541	15.590	VV	454	10409	0.20%	0.035%
222	15.632	15.590	15.648	VV	561	12804	0.25%	0.044%
223	15.669	15.648	15.710	VV	780	17613	0.35%	0.060%
224	15.759	15.710	15.835	VV	18154	475645	9.34%	1.621%
225	15.848	15.835	15.869	VV	2202	35438	0.70%	0.121%
226	15.893	15.869	15.928	VV	2942	68841	1.35%	0.235%
227	15.973	15.928	16.024	VV	10913	194421	3.82%	0.662%
228	16.034	16.024	16.097	VV	763	18414	0.36%	0.063%
229	16.159	16.097	16.194	VV	772	27192	0.53%	0.093%
230	16.212	16.194	16.253	VV	547	12189	0.24%	0.042%
231	16.294	16.253	16.333	VV	992	32867	0.65%	0.112%
232	16.357	16.333	16.373	VV	1826	30103	0.59%	0.103%
233	16.393	16.373	16.434	VV	2767	46440	0.91%	0.158%
234	16.457	16.434	16.518	VV	2686	50883	1.00%	0.173%
235	16.522	16.518	16.556	VV	380	4904	0.10%	0.017%
236	16.612	16.556	16.657	VV	404	14676	0.29%	0.050%
237	16.699	16.657	16.738	PV	886	21503	0.42%	0.073%
238	16.781	16.738	16.823	VV	5426	145890	2.86%	0.497%
239	16.843	16.823	16.858	VV	3167	57029	1.12%	0.194%
240	16.884	16.858	16.935	VV	9268	220765	4.33%	0.752%
241	16.961	16.935	16.987	VV	6428	105564	2.07%	0.360%
242	17.013	16.987	17.065	VV	4452	81770	1.61%	0.279%
243	17.074	17.065	17.106	VV	493	6103	0.12%	0.021%
244	17.148	17.106	17.160	PV	291	5503	0.11%	0.019%
245	17.212	17.160	17.240	VV	3243	56706	1.11%	0.193%
246	17.271	17.240	17.294	VV	5742	92485	1.82%	0.315%

					rteres			
247	17.311	17.294	17.324	VV	2213	34917	0.69%	0.119%
248	17.345	17.324	17.369	VV	6520	100604	1.98%	0.343%
249	17.396	17.369	17.405	VV	6156	85314	1.67%	0.291%
250	17.424	17.405	17.457	VV	12905	188858	3.71%	0.643%
251	17.468	17.457	17.507	VV	623	13896	0.27%	0.047%
252	17.514	17.507	17.528	VV	360	3770	0.07%	0.013%
253	17.549	17.528	17.581	VV	367	7910	0.16%	0.027%
254	17.608	17.581	17.654	VV	662	18491	0.36%	0.063%
255	17.724	17.654	17.771	VV	10010	287399	5.64%	0.979%
256	17.796	17.771	17.842	VV	15811	261908	5.14%	0.892%
257	17.883	17.842	17.913	VV	4228	76303	1.50%	0.260%
258	17.932	17.913	17.968	VV	853	18934	0.37%	0.065%
259	17.976	17.968	17.997	VV	436	4790	0.09%	0.016%
260	18.022	17.997	18.051	PV	766	12587	0.25%	0.043%
261	18.081	18.051	18.100	VV	631	9804	0.19%	0.033%
262	18.124	18.100	18.144	PV	273	4471	0.09%	0.015%
263	18.196	18.144	18.209	VV	3053	68001	1.33%	0.232%
264	18.236	18.209	18.270	VV	13025	207210	4.07%	0.706%
265	18.280	18.270	18.292	VV	1163	13492	0.26%	0.046%
266	18.326	18.292	18.361	VV	13418	221037	4.34%	0.753%
267	18.370	18.361	18.391	VV	1351	21063	0.41%	0.072%
268	18.426	18.391	18.441	VV	1674	37174	0.73%	0.127%
269	18.477	18.441	18.529	VV	3446	93009	1.83%	0.317%
270	18.570	18.529	18.583	VV	5857	104468	2.05%	0.356%
271	18.607	18.583	18.624	VV	11982	232003	4.55%	0.791%
272	18.657	18.624	18.718	VV	30511	853653	16.76%	2.909%
273	18.755	18.718	18.839	VV	4967	202828	3.98%	0.691%
274	18.901	18.839	19.004	VV	11337	287246	5.64%	0.979%
275	19.069	19.004	19.131	VV	16686	368084	7.23%	1.254%
276	19.171	19.131	19.224	VV	15424	299262	5.87%	1.020%
277	19.236	19.224	19.264	VV	2341	48660	0.96%	0.166%
278	19.282	19.264	19.311	VV	2024	46039	0.90%	0.157%
279	19.356	19.311	19.388	VV	2036	76558	1.50%	0.261%
280	19.468	19.388	19.531	VV	18679	639611	12.56%	2.179%
281	19.570	19.531	19.601	VV	5440	157901	3.10%	0.538%
282	19.620	19.601	19.644	VV	3720	78828	1.55%	0.269%
283	19.663	19.644	19.682	VV	2848	59217	1.16%	0.202%
284	19.696	19.682	19.706	VV	2630	34166	0.67%	0.116%
285	19.723	19.706	19.743	VV	2725	55422	1.09%	0.189%
286	19.776	19.743	19.806	VV	3735	102398	2.01%	0.349%
287	19.855	19.806	19.908	VV	12982	331225	6.50%	1.129%
288	19.931	19.908	19.945	VV	7279	122437	2.40%	0.417%
289	19.966	19.945	20.011	VV	9877	227930	4.47%	0.777%
290	20.044	20.011	20.111	VV	4843	228159	4.48%	0.777%
291	20.144	20.111	20.180	VV	4908	170994	3.36%	0.583%
292	20.231	20.180	20.311	VV	14446	550607	10.81%	1.876%
293	20.332	20.311	20.358	VV	5354	142433	2.80%	0.485%
294	20.360	20.358	20.380	VV	5298	67505	1.33%	0.230%
295	20.470	20.380	20.531	VV	7298	556824	10.93%	1.897%
296	20.555	20.531	20.567	VV	6281	131188	2.58%	0.447%
297	20.596	20.567	20.668	VV	13795	474558	9.32%	1.617%
298	20.715	20.668	20.737	VV	7376	268957	5.28%	0.916%
299	20.768	20.737	20.801	VV	7463	263577	5.17%	0.898%

					rteres			
300	20.839	20.801	20.904	VV	6794	398058	7.81%	1.356%
301	20.966	20.904	20.994	VV	9467	389393	7.64%	1.327%
302	21.011	20.994	21.021	VV	7306	116163	2.28%	0.396%
303	21.041	21.021	21.055	VV	7215	144051	2.83%	0.491%
304	21.080	21.055	21.124	VV	7617	291672	5.73%	0.994%
305	21.147	21.124	21.197	VV	6422	255864	5.02%	0.872%
306	21.218	21.197	21.228	VV	5505	100581	1.97%	0.343%
307	21.295	21.228	21.336	VV	6164	366956	7.20%	1.250%
308	21.373	21.336	21.484	VV	10210	503282	9.88%	1.715%
309	21.500	21.484	21.514	VV	3754	66569	1.31%	0.227%
310	21.529	21.514	21.557	VV	3888	91983	1.81%	0.313%
311	21.639	21.557	21.649	VV	3735	196609	3.86%	0.670%
312	21.656	21.649	21.683	VV	3701	73178	1.44%	0.249%
313	21.698	21.683	21.761	VV	3479	150742	2.96%	0.514%
314	21.832	21.761	21.881	VV	3851	220461	4.33%	0.751%
315	21.910	21.881	21.934	VV	2371	73356	1.44%	0.250%
316	21.962	21.934	22.012	VV	2082	88937	1.75%	0.303%
317	22.018	22.012	22.064	VV	1698	47749	0.94%	0.163%
318	22.093	22.064	22.126	VV	1650	54107	1.06%	0.184%
319	22.186	22.126	22.193	VV	1189	47535	0.93%	0.162%
320	22.225	22.193	22.301	VV	1467	69487	1.36%	0.237%
321	22.359	22.301	22.481	VV	3584	133667	2.62%	0.455%
					Sum of corrected areas:		29348644	

Aliphatic EPH 082925.M Fri Sep 05 02:22:30 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	6	SDG No.:	Q3011
Lab Sample ID:	Q3011-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.5
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
09/04/25 09:05	09/04/25 18:33	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.21		1	0.98	4.32	mg/kg	FE055670.D
Total EPH	Total EPH	6.21			0.98	4.32	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	6	SDG No.:	Q3011
Lab Sample ID:	Q3011-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.5
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
FE055670.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.21		0.98	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.74		1.28	2.16	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.3		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.6		40 - 140	55%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3011-08	Acq On:	04 Sep 2025 18:33
Client Sample ID:	6	Operator:	YP\AJ
Data file:	FE055670.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	3.312	6.946	511052	3.98	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1203117	8.906	200	ug/ml
Aliphatic C16-C21	10.399	13.777	6491441	45.012	300	ug/ml
Aliphatic C21-C28	13.778	17.448	4046345	28.25	400	ug/ml
Aliphatic C28-C40	17.449	22.463	12883646	93.55	600	ug/ml
Aliphatic EPH	3.312	22.463	25135601	179.697		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	4541923	27.65		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	3537566	28.29		ug/ml
Aliphatic C9-C28	3.312	17.448	12251955	86.148	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055670.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 18:33
 Operator : YP\AJ
 Sample : Q3011-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 6

Integration File: autoint1.e
 Quant Time: Sep 05 01:28:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.074	4541923	27.647 ug/ml
Spiked Amount 50.000		Recovery =	55.29%
12) S 1-chlorooctadecane (S...	13.511	3537566	28.290 ug/mlm
Spiked Amount 50.000		Recovery =	56.58%

Target Compounds

(f)=RT Delta > 1/2 Window

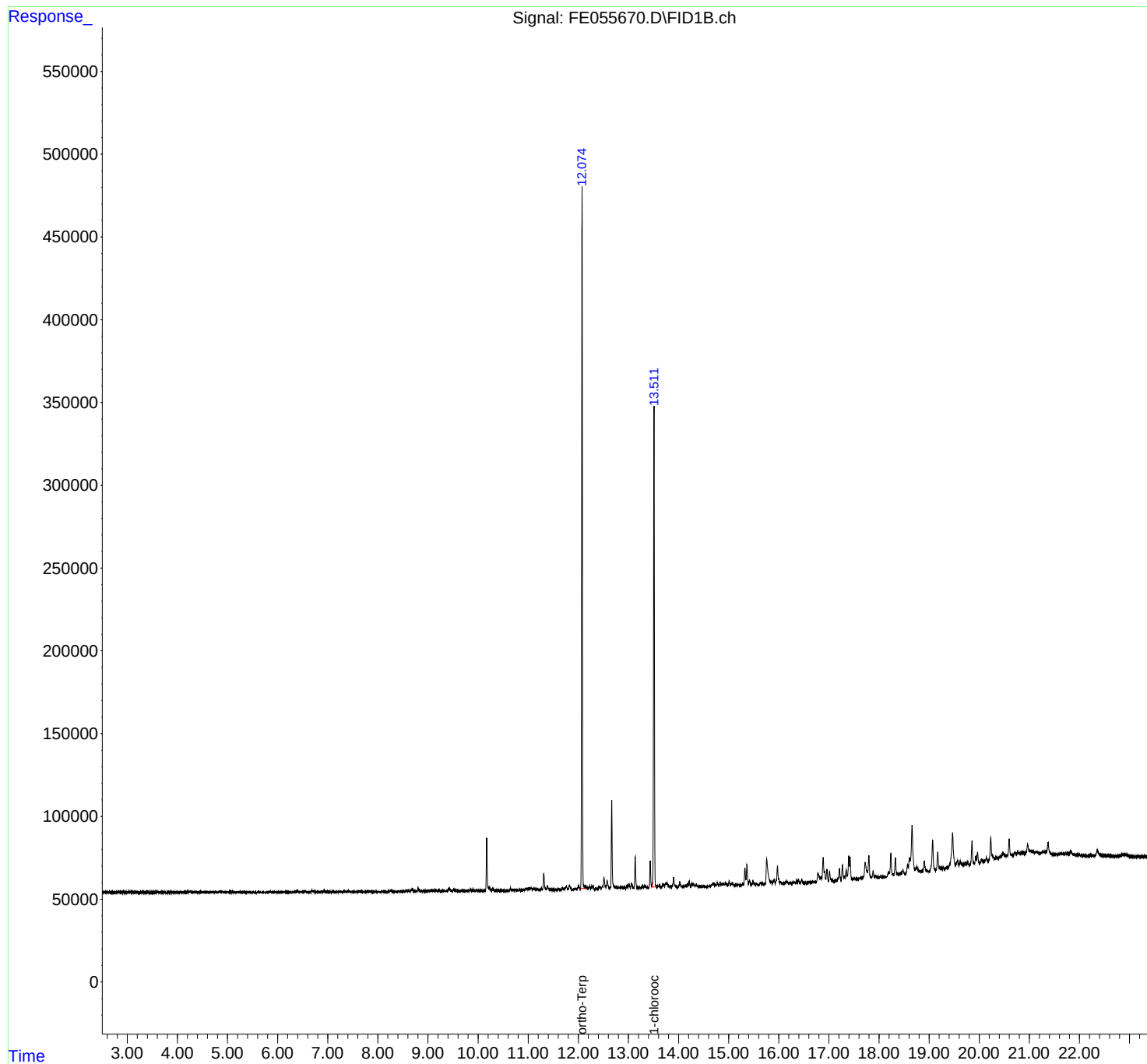
(m)=manual int.

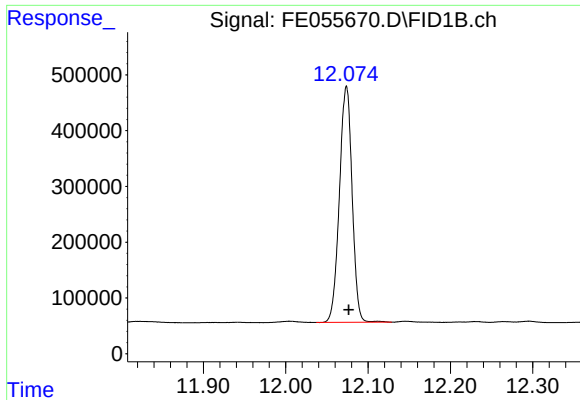
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055670.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 18:33
Operator : YP\AJ
Sample : Q3011-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
6

Integration File: autoint1.e
Quant Time: Sep 05 01:28:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

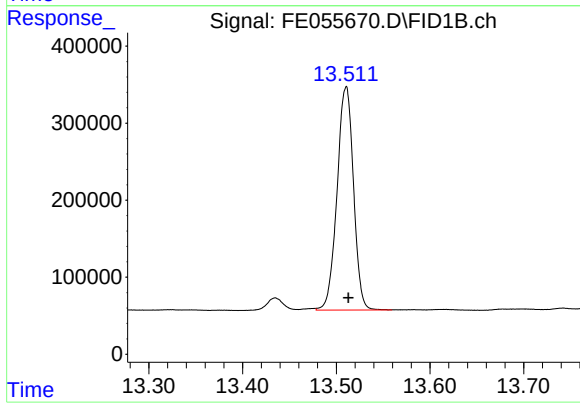




#9 ortho-Terphenyl (SURR)

R.T.: 12.074 min
Delta R.T.: -0.003 min
Response: 4541923
Conc: 27.65 ug/ml

Instrument :
FID_E
ClientSampleId :
6



#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 3537566
Conc: 28.29 ug/ml m

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055670.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 18:33
 Sample : Q3011-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	2.835	2.805	2.879	BV	103	1986	0.04%	0.007%
2	2.887	2.879	2.898	PV	89	485	0.01%	0.002%
3	2.927	2.898	2.981	PV	123	3479	0.08%	0.012%
4	2.996	2.981	3.004	VV	144	1447	0.03%	0.005%
5	3.038	3.004	3.085	VV	347	11688	0.26%	0.039%
6	3.101	3.085	3.135	VV	213	4826	0.11%	0.016%
7	3.152	3.135	3.179	VV	339	4886	0.11%	0.016%
8	3.187	3.179	3.208	VV	182	1852	0.04%	0.006%
9	3.217	3.208	3.227	PV	114	559	0.01%	0.002%
10	3.245	3.227	3.267	VV	86	1387	0.03%	0.005%
11	3.300	3.267	3.345	VV	294	7949	0.17%	0.027%
12	3.351	3.345	3.372	VV	172	2177	0.05%	0.007%
13	3.381	3.372	3.389	VV	174	1247	0.03%	0.004%
14	3.412	3.389	3.461	VV	337	7982	0.17%	0.027%
15	3.466	3.461	3.495	VV	122	2589	0.06%	0.009%
16	3.506	3.495	3.529	VV	168	1982	0.04%	0.007%
17	3.561	3.529	3.575	VV	258	4043	0.09%	0.014%
18	3.591	3.575	3.678	VV	215	10948	0.24%	0.037%
19	3.703	3.678	3.721	VV	207	4383	0.10%	0.015%
20	3.732	3.721	3.791	VV	263	5863	0.13%	0.020%
21	3.814	3.791	3.845	PV	211	4627	0.10%	0.016%
22	3.874	3.845	3.928	VV	303	9377	0.20%	0.032%
23	3.939	3.928	3.976	VV	210	4690	0.10%	0.016%
24	4.001	3.976	4.041	VV	235	7073	0.15%	0.024%
25	4.052	4.041	4.063	VV	215	2151	0.05%	0.007%
26	4.208	4.063	4.233	VV	832	24105	0.53%	0.081%
27	4.250	4.233	4.301	VV	963	21795	0.48%	0.073%
28	4.316	4.301	4.365	VV	402	11790	0.26%	0.040%
29	4.379	4.365	4.386	VV	307	3605	0.08%	0.012%
30	4.444	4.386	4.498	VV	490	21306	0.47%	0.072%
31	4.520	4.498	4.581	VV	356	13472	0.29%	0.045%
32	4.588	4.581	4.609	VV	260	4025	0.09%	0.014%
33	4.633	4.609	4.651	VV	297	6220	0.14%	0.021%
34	4.672	4.651	4.707	VV	419	10015	0.22%	0.034%
35	4.717	4.707	4.741	VV	289	5593	0.12%	0.019%
36	4.757	4.741	4.783	VV	306	6046	0.13%	0.020%

					rteres			
37	4.791	4.783	4.823	VV	255	5123	0.11%	0.017%
38	4.843	4.823	4.878	VV	529	10204	0.22%	0.034%
39	4.908	4.878	4.931	VV	451	10086	0.22%	0.034%
40	5.014	4.931	5.025	VV	429	16314	0.36%	0.055%
41	5.044	5.025	5.058	VV	409	7371	0.16%	0.025%
42	5.061	5.058	5.081	VV	426	4679	0.10%	0.016%
43	5.086	5.081	5.099	VV	331	3194	0.07%	0.011%
44	5.109	5.099	5.125	VV	270	3682	0.08%	0.012%
45	5.137	5.125	5.169	VV	278	5770	0.13%	0.019%
46	5.185	5.169	5.223	VV	260	6251	0.14%	0.021%
47	5.332	5.223	5.362	VV	285	13408	0.29%	0.045%
48	5.377	5.362	5.391	VV	223	3147	0.07%	0.011%
49	5.396	5.391	5.415	VV	218	2388	0.05%	0.008%
50	5.433	5.415	5.478	VV	185	5024	0.11%	0.017%
51	5.499	5.478	5.551	VV	224	5019	0.11%	0.017%
52	5.557	5.551	5.575	VV	123	1049	0.02%	0.004%
53	5.620	5.575	5.641	PV	964	12504	0.27%	0.042%
54	5.652	5.641	5.674	VV	171	2288	0.05%	0.008%
55	5.725	5.674	5.741	VV	107	2315	0.05%	0.008%
56	5.749	5.741	5.765	VV	77	714	0.02%	0.002%
57	5.776	5.765	5.795	VV	58	985	0.02%	0.003%
58	5.812	5.795	5.837	VV	224	3627	0.08%	0.012%
59	5.858	5.837	5.924	VV	698	15270	0.33%	0.051%
60	5.935	5.924	5.988	VV	277	5657	0.12%	0.019%
61	6.003	5.988	6.030	VV	209	3565	0.08%	0.012%
62	6.054	6.030	6.100	VV	221	4966	0.11%	0.017%
63	6.112	6.100	6.121	VV	134	1248	0.03%	0.004%
64	6.134	6.121	6.168	VV	306	5159	0.11%	0.017%
65	6.183	6.168	6.221	VV	334	5785	0.13%	0.019%
66	6.229	6.221	6.239	VV	126	1259	0.03%	0.004%
67	6.250	6.239	6.283	VV	224	3802	0.08%	0.013%
68	6.295	6.283	6.310	VV	234	2593	0.06%	0.009%
69	6.326	6.310	6.338	VV	294	3463	0.08%	0.012%
70	6.353	6.338	6.369	VV	389	6035	0.13%	0.020%
71	6.393	6.369	6.459	VV	894	24149	0.53%	0.081%
72	6.493	6.459	6.531	VV	397	13285	0.29%	0.045%
73	6.553	6.531	6.601	VV	562	14269	0.31%	0.048%
74	6.623	6.601	6.661	VV	323	8868	0.19%	0.030%
75	6.686	6.661	6.771	VV	1214	30455	0.67%	0.102%
76	6.796	6.771	6.827	VV	351	9947	0.22%	0.033%
77	6.847	6.827	6.871	VV	355	7305	0.16%	0.025%
78	6.891	6.871	6.900	VV	251	3692	0.08%	0.012%
79	6.926	6.900	6.973	VV	807	18034	0.39%	0.061%
80	7.001	6.973	7.026	VV	347	8013	0.18%	0.027%
81	7.041	7.026	7.114	VV	275	9092	0.20%	0.031%
82	7.136	7.114	7.167	VV	262	4410	0.10%	0.015%
83	7.211	7.167	7.238	VV	185	5372	0.12%	0.018%
84	7.253	7.238	7.271	VV	237	3594	0.08%	0.012%
85	7.278	7.271	7.286	VV	123	1045	0.02%	0.004%
86	7.333	7.286	7.368	VV	654	17665	0.39%	0.059%
87	7.383	7.368	7.435	VV	454	14007	0.31%	0.047%
88	7.454	7.435	7.481	VV	320	7380	0.16%	0.025%
89	7.494	7.481	7.508	VV	398	5425	0.12%	0.018%

					rteres			
90	7.526	7.508	7.555	VV	591	10079	0.22%	0.034%
91	7.571	7.555	7.609	VV	359	7610	0.17%	0.026%
92	7.629	7.609	7.651	VV	416	6135	0.13%	0.021%
93	7.666	7.651	7.685	VV	357	4993	0.11%	0.017%
94	7.699	7.685	7.728	VV	294	4759	0.10%	0.016%
95	7.733	7.728	7.754	VV	184	2389	0.05%	0.008%
96	7.794	7.754	7.813	VV	322	7355	0.16%	0.025%
97	7.832	7.813	7.845	VV	297	4236	0.09%	0.014%
98	7.854	7.845	7.891	VV	419	5924	0.13%	0.020%
99	7.898	7.891	7.933	VV	104	2447	0.05%	0.008%
100	7.941	7.933	7.988	VV	145	2725	0.06%	0.009%
101	7.999	7.988	8.017	VV	94	1361	0.03%	0.005%
102	8.027	8.017	8.070	VV	160	2863	0.06%	0.010%
103	8.089	8.070	8.158	PV	499	8583	0.19%	0.029%
104	8.172	8.158	8.185	PV	173	1639	0.04%	0.006%
105	8.258	8.185	8.275	VV	900	25104	0.55%	0.084%
106	8.292	8.275	8.357	VV	514	14401	0.31%	0.048%
107	8.374	8.357	8.387	VV	201	2804	0.06%	0.009%
108	8.417	8.387	8.478	VV	410	13292	0.29%	0.045%
109	8.501	8.478	8.525	VV	392	7815	0.17%	0.026%
110	8.577	8.525	8.598	VV	703	20545	0.45%	0.069%
111	8.612	8.598	8.635	VV	714	13031	0.28%	0.044%
112	8.643	8.635	8.653	VV	572	6014	0.13%	0.020%
113	8.681	8.653	8.736	VV	1455	38117	0.83%	0.128%
114	8.803	8.736	8.865	VV	2196	52033	1.14%	0.175%
115	8.873	8.865	8.893	VV	303	4370	0.10%	0.015%
116	8.914	8.893	8.943	VV	565	10312	0.23%	0.035%
117	8.962	8.943	8.985	VV	485	8432	0.18%	0.028%
118	9.053	8.985	9.085	VV	687	29309	0.64%	0.099%
119	9.100	9.085	9.148	VV	699	22165	0.48%	0.074%
120	9.161	9.148	9.208	VV	819	21328	0.47%	0.072%
121	9.223	9.208	9.261	VV	791	16111	0.35%	0.054%
122	9.265	9.261	9.271	VV	377	2021	0.04%	0.007%
123	9.301	9.271	9.326	VV	569	14032	0.31%	0.047%
124	9.347	9.326	9.357	VV	510	7637	0.17%	0.026%
125	9.419	9.357	9.481	VV	1805	59608	1.30%	0.200%
126	9.514	9.481	9.541	VV	1233	26220	0.57%	0.088%
127	9.551	9.541	9.637	VV	745	23855	0.52%	0.080%
128	9.669	9.637	9.691	VV	530	11225	0.25%	0.038%
129	9.702	9.691	9.741	VV	559	9618	0.21%	0.032%
130	9.756	9.741	9.786	VV	468	8442	0.18%	0.028%
131	9.808	9.786	9.822	VV	407	6464	0.14%	0.022%
132	9.845	9.822	9.876	VV	1253	24424	0.53%	0.082%
133	9.896	9.876	9.947	VV	961	23791	0.52%	0.080%
134	9.973	9.947	9.998	VV	576	12894	0.28%	0.043%
135	10.007	9.998	10.025	VV	350	4632	0.10%	0.016%
136	10.049	10.025	10.105	VV	523	15201	0.33%	0.051%
137	10.132	10.105	10.144	VV	612	9995	0.22%	0.034%
138	10.172	10.144	10.275	VV	32110	448519	9.80%	1.507%
139	10.296	10.275	10.333	VV	1613	31321	0.68%	0.105%
140	10.345	10.333	10.371	VV	568	8934	0.20%	0.030%
141	10.403	10.371	10.431	VV	511	11950	0.26%	0.040%

					rteres			
142	10.461	10.431	10.532	VV	295	10383	0.23%	0.035%
143	10.606	10.532	10.625	PV	322	9166	0.20%	0.031%
144	10.646	10.625	10.669	VV	1923	24902	0.54%	0.084%
145	10.688	10.669	10.708	VV	691	10568	0.23%	0.036%
146	10.738	10.708	10.768	VV	710	17888	0.39%	0.060%
147	10.781	10.768	10.805	VV	528	8474	0.19%	0.028%
148	10.826	10.805	10.867	VV	591	12223	0.27%	0.041%
149	10.889	10.867	10.924	VV	637	17073	0.37%	0.057%
150	10.960	10.924	10.978	VV	1375	30108	0.66%	0.101%
151	10.995	10.978	11.014	VV	1679	25494	0.56%	0.086%
152	11.040	11.014	11.053	VV	1568	27018	0.59%	0.091%
153	11.065	11.053	11.088	VV	1465	22059	0.48%	0.074%
154	11.111	11.088	11.135	VV	1403	27122	0.59%	0.091%
155	11.170	11.135	11.228	VV	1057	37862	0.83%	0.127%
156	11.265	11.228	11.283	VV	1149	21529	0.47%	0.072%
157	11.311	11.283	11.361	VV	10388	163968	3.58%	0.551%
158	11.384	11.361	11.464	VV	2941	67043	1.46%	0.225%
159	11.473	11.464	11.534	VV	456	12388	0.27%	0.042%
160	11.551	11.534	11.580	VV	256	4575	0.10%	0.015%
161	11.605	11.580	11.648	PV	1022	18404	0.40%	0.062%
162	11.677	11.648	11.698	VV	1277	20327	0.44%	0.068%
163	11.717	11.698	11.730	VV	1179	17278	0.38%	0.058%
164	11.763	11.730	11.794	VV	2650	53425	1.17%	0.180%
165	11.821	11.794	11.886	VV	2482	61935	1.35%	0.208%
166	11.913	11.886	11.924	VV	524	7085	0.15%	0.024%
167	11.943	11.924	11.973	VV	883	13445	0.29%	0.045%
168	12.005	11.973	12.041	VV	2659	48802	1.07%	0.164%
169	12.074	12.041	12.129	VV	426551	4578820	100.00%	15.388%
170	12.146	12.129	12.191	VV	2547	49077	1.07%	0.165%
171	12.231	12.191	12.248	VV	1868	37839	0.83%	0.127%
172	12.265	12.248	12.279	VV	1870	24006	0.52%	0.081%
173	12.295	12.279	12.335	VV	2507	33809	0.74%	0.114%
174	12.357	12.335	12.383	PV	644	9039	0.20%	0.030%
175	12.431	12.383	12.458	VV	1389	41814	0.91%	0.141%
176	12.481	12.458	12.491	VV	1899	26023	0.57%	0.087%
177	12.512	12.491	12.554	VV	7054	124152	2.71%	0.417%
178	12.575	12.554	12.629	VV	5325	104908	2.29%	0.353%
179	12.666	12.629	12.742	VV	52925	668634	14.60%	2.247%
180	12.757	12.742	12.775	VV	1217	20192	0.44%	0.068%
181	12.787	12.775	12.848	VV	988	32386	0.71%	0.109%
182	12.864	12.848	12.890	VV	747	14926	0.33%	0.050%
183	12.909	12.890	12.941	VV	906	20626	0.45%	0.069%
184	12.970	12.941	12.991	VV	1672	34476	0.75%	0.116%
185	13.015	12.991	13.036	VV	2354	43977	0.96%	0.148%
186	13.060	13.036	13.105	VV	3378	62193	1.36%	0.209%
187	13.135	13.105	13.195	VV	19179	248851	5.43%	0.836%
188	13.215	13.195	13.248	VV	552	12672	0.28%	0.043%
189	13.275	13.248	13.298	VV	1105	20587	0.45%	0.069%
190	13.323	13.298	13.336	VV	1253	21541	0.47%	0.072%
191	13.344	13.336	13.365	VV	1000	12830	0.28%	0.043%
192	13.378	13.365	13.397	VV	540	8048	0.18%	0.027%
193	13.435	13.397	13.459	VV	16522	205079	4.48%	0.689%
194	13.510	13.459	13.570	VV	291852	3604699	78.73%	12.115%

					rteres			
195	13.582	13.570	13.595	VV	1069	14728	0.32%	0.049%
196	13.615	13.595	13.655	VV	1363	30269	0.66%	0.102%
197	13.699	13.655	13.721	VV	1894	55539	1.21%	0.187%
198	13.742	13.721	13.755	VV	3024	44702	0.98%	0.150%
199	13.769	13.755	13.817	VV	2918	61325	1.34%	0.206%
200	13.833	13.817	13.848	VV	866	12602	0.28%	0.042%
201	13.902	13.848	13.975	VV	6042	117090	2.56%	0.394%
202	13.979	13.975	13.985	VV	377	1968	0.04%	0.007%
203	14.028	13.985	14.075	VV	2718	60944	1.33%	0.205%
204	14.089	14.075	14.107	VV	589	9219	0.20%	0.031%
205	14.137	14.107	14.158	VV	1332	25658	0.56%	0.086%
206	14.178	14.158	14.194	VV	2267	32561	0.71%	0.109%
207	14.214	14.194	14.239	VV	3761	54880	1.20%	0.184%
208	14.263	14.239	14.278	VV	2372	32281	0.71%	0.108%
209	14.305	14.278	14.330	VV	1924	43929	0.96%	0.148%
210	14.351	14.330	14.384	VV	1688	28878	0.63%	0.097%
211	14.395	14.384	14.411	VV	494	6464	0.14%	0.022%
212	14.422	14.411	14.446	VV	395	6069	0.13%	0.020%
213	14.496	14.446	14.572	VV	496	23451	0.51%	0.079%
214	14.628	14.572	14.640	PV	530	8869	0.19%	0.030%
215	14.673	14.640	14.681	VV	1545	24041	0.53%	0.081%
216	14.700	14.681	14.723	VV	1877	35062	0.77%	0.118%
217	14.737	14.723	14.748	VV	1041	12352	0.27%	0.042%
218	14.771	14.748	14.808	VV	2486	48517	1.06%	0.163%
219	14.829	14.808	14.851	VV	2058	32236	0.70%	0.108%
220	14.865	14.851	14.879	VV	1616	21442	0.47%	0.072%
221	14.899	14.879	14.921	VV	1975	34217	0.75%	0.115%
222	14.944	14.921	14.988	VV	1804	45532	0.99%	0.153%
223	15.010	14.988	15.035	VV	2791	42052	0.92%	0.141%
224	15.075	15.035	15.112	VV	1822	46855	1.02%	0.157%
225	15.137	15.112	15.153	VV	494	9301	0.20%	0.031%
226	15.200	15.153	15.223	VV	733	20573	0.45%	0.069%
227	15.235	15.223	15.249	VV	445	5632	0.12%	0.019%
228	15.278	15.249	15.295	VV	1058	17443	0.38%	0.059%
229	15.324	15.295	15.344	VV	10770	155361	3.39%	0.522%
230	15.364	15.344	15.395	VV	12591	190658	4.16%	0.641%
231	15.416	15.395	15.440	VV	3242	48503	1.06%	0.163%
232	15.486	15.440	15.539	VV	2191	61541	1.34%	0.207%
233	15.563	15.539	15.594	VV	706	14173	0.31%	0.048%
234	15.631	15.594	15.648	PV	1162	19151	0.42%	0.064%
235	15.672	15.648	15.708	VV	1108	25224	0.55%	0.085%
236	15.759	15.708	15.834	VV	15684	411641	8.99%	1.383%
237	15.848	15.834	15.870	VV	2010	32864	0.72%	0.110%
238	15.908	15.870	15.929	VV	2603	64865	1.42%	0.218%
239	15.974	15.929	16.021	VV	11003	227373	4.97%	0.764%
240	16.036	16.021	16.069	VV	1546	27168	0.59%	0.091%
241	16.163	16.069	16.195	VV	1500	57778	1.26%	0.194%
242	16.212	16.195	16.223	VV	577	7500	0.16%	0.025%
243	16.238	16.223	16.254	VV	547	7905	0.17%	0.027%
244	16.289	16.254	16.307	VV	865	19401	0.42%	0.065%
245	16.323	16.307	16.335	VV	1014	13562	0.30%	0.046%
246	16.357	16.335	16.375	VV	1768	28508	0.62%	0.096%

					rteres			
247	16.394	16.375	16.417	VV	2491	35811	0.78%	0.120%
248	16.457	16.417	16.516	VV	2254	50150	1.10%	0.169%
249	16.527	16.516	16.550	VV	440	5208	0.11%	0.018%
250	16.609	16.550	16.619	VV	611	13944	0.30%	0.047%
251	16.634	16.619	16.653	VV	677	8142	0.18%	0.027%
252	16.697	16.653	16.728	PV	1137	27832	0.61%	0.094%
253	16.782	16.728	16.821	VV	5668	154620	3.38%	0.520%
254	16.841	16.821	16.857	VV	3154	59308	1.30%	0.199%
255	16.886	16.857	16.936	VV	15046	335671	7.33%	1.128%
256	16.962	16.936	16.988	VV	7470	121542	2.65%	0.408%
257	17.014	16.988	17.104	VV	6161	120661	2.64%	0.406%
258	17.141	17.104	17.161	VV	583	9948	0.22%	0.033%
259	17.210	17.161	17.245	VV	7375	132508	2.89%	0.445%
260	17.270	17.245	17.300	VV	9551	153873	3.36%	0.517%
261	17.310	17.300	17.322	VV	2296	26998	0.59%	0.091%
262	17.345	17.322	17.366	VV	6320	105191	2.30%	0.354%
263	17.397	17.366	17.410	VV	14429	220952	4.83%	0.743%
264	17.423	17.410	17.456	VV	13964	190692	4.16%	0.641%
265	17.479	17.456	17.494	VV	823	15556	0.34%	0.052%
266	17.515	17.494	17.581	VV	958	30428	0.66%	0.102%
267	17.641	17.581	17.658	VV	1058	35037	0.77%	0.118%
268	17.725	17.658	17.771	VV	9818	296126	6.47%	0.995%
269	17.798	17.771	17.845	VV	14112	249990	5.46%	0.840%
270	17.882	17.845	17.911	VV	4536	79628	1.74%	0.268%
271	17.932	17.911	17.957	VV	1496	28222	0.62%	0.095%
272	17.975	17.957	18.001	VV	869	15382	0.34%	0.052%
273	18.027	18.001	18.054	VV	897	16916	0.37%	0.057%
274	18.080	18.054	18.099	VV	855	12432	0.27%	0.042%
275	18.123	18.099	18.139	PV	419	6332	0.14%	0.021%
276	18.194	18.139	18.211	VV	2637	68477	1.50%	0.230%
277	18.236	18.211	18.294	VV	14040	249383	5.45%	0.838%
278	18.327	18.294	18.355	VV	11295	184301	4.03%	0.619%
279	18.363	18.355	18.388	VV	1883	30926	0.68%	0.104%
280	18.424	18.388	18.441	VV	2044	46584	1.02%	0.157%
281	18.477	18.441	18.525	VV	3667	100038	2.18%	0.336%
282	18.571	18.525	18.585	VV	6538	124530	2.72%	0.419%
283	18.608	18.585	18.623	VV	10399	189319	4.13%	0.636%
284	18.659	18.623	18.715	VV	30151	739961	16.16%	2.487%
285	18.756	18.715	18.798	VV	4808	168349	3.68%	0.566%
286	18.808	18.798	18.845	VV	1987	45935	1.00%	0.154%
287	18.860	18.845	18.874	VV	1635	26803	0.59%	0.090%
288	18.903	18.874	18.948	VV	7488	164419	3.59%	0.553%
289	18.960	18.948	19.006	VV	1853	47541	1.04%	0.160%
290	19.070	19.006	19.133	VV	19841	448030	9.78%	1.506%
291	19.171	19.133	19.222	VV	12022	255129	5.57%	0.857%
292	19.241	19.222	19.263	VV	2519	55090	1.20%	0.185%
293	19.283	19.263	19.311	VV	2886	58883	1.29%	0.198%
294	19.356	19.311	19.387	VV	2432	95595	2.09%	0.321%
295	19.468	19.387	19.525	VV	22943	729495	15.93%	2.452%
296	19.571	19.525	19.596	VV	5928	191492	4.18%	0.644%
297	19.620	19.596	19.645	VV	5466	121585	2.66%	0.409%
298	19.662	19.645	19.686	VV	3667	84448	1.84%	0.284%
299	19.722	19.686	19.733	VV	3654	94353	2.06%	0.317%

					rteres			
300	19.749	19.733	19.761	VV	3846	61802	1.35%	0.208%
301	19.772	19.761	19.801	VV	4300	82550	1.80%	0.277%
302	19.856	19.801	19.905	VV	16710	380755	8.32%	1.280%
303	19.931	19.905	19.946	VV	7423	133279	2.91%	0.448%
304	19.965	19.946	20.008	VV	9642	213004	4.65%	0.716%
305	20.043	20.008	20.071	VV	4988	153065	3.34%	0.514%
306	20.082	20.071	20.107	VV	4262	85874	1.88%	0.289%
307	20.143	20.107	20.181	VV	5573	198517	4.34%	0.667%
308	20.230	20.181	20.311	VV	17869	595134	13.00%	2.000%
309	20.333	20.311	20.379	VV	5638	205134	4.48%	0.689%
310	20.469	20.379	20.531	VV	7428	560025	12.23%	1.882%
311	20.597	20.531	20.658	VV	15926	600040	13.10%	2.017%
312	20.713	20.658	20.736	VV	7354	294365	6.43%	0.989%
313	20.769	20.736	20.802	VV	7558	266534	5.82%	0.896%
314	20.828	20.802	20.857	VV	6790	213126	4.65%	0.716%
315	20.872	20.857	20.904	VV	6674	178920	3.91%	0.601%
316	20.965	20.904	20.997	VV	11466	448627	9.80%	1.508%
317	21.008	20.997	21.026	VV	7560	126689	2.77%	0.426%
318	21.034	21.026	21.067	VV	7109	167788	3.66%	0.564%
319	21.082	21.067	21.110	VV	6821	172653	3.77%	0.580%
320	21.146	21.110	21.195	VV	6535	302993	6.62%	1.018%
321	21.222	21.195	21.231	VV	5483	116579	2.55%	0.392%
322	21.292	21.231	21.325	VV	6141	324359	7.08%	1.090%
323	21.373	21.325	21.465	VV	11185	512038	11.18%	1.721%
324	21.478	21.465	21.515	VV	3940	113503	2.48%	0.381%
325	21.529	21.515	21.558	VV	3799	96025	2.10%	0.323%
326	21.611	21.558	21.628	VV	3797	153687	3.36%	0.517%
327	21.646	21.628	21.675	VV	3892	101926	2.23%	0.343%
328	21.721	21.675	21.753	VV	3676	164849	3.60%	0.554%
329	21.773	21.753	21.794	VV	3494	81246	1.77%	0.273%
330	21.832	21.794	21.885	VV	4597	189697	4.14%	0.638%
331	21.906	21.885	21.937	VV	2502	74705	1.63%	0.251%
332	21.969	21.937	22.017	VV	2247	98189	2.14%	0.330%
333	22.029	22.017	22.070	VV	1757	47731	1.04%	0.160%
334	22.091	22.070	22.105	VV	1433	28121	0.61%	0.095%
335	22.110	22.105	22.181	VV	1371	46735	1.02%	0.157%
336	22.223	22.181	22.276	VV	1085	49055	1.07%	0.165%
337	22.290	22.276	22.304	VV	504	7854	0.17%	0.026%
338	22.355	22.304	22.486	VV	3598	129758	2.83%	0.436%
Sum of corrected areas:					29754963			

Aliphatic EPH 082925.M Fri Sep 05 02:22:53 2025



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FE082925AL

AreaCount

Parameter Range	FE055545.D	FE055546.D	FE055547.D	FE055548.D	FE055549.D	
Aliphatic C9-C12	36131908.000	18793237.000	7683758.000	3922762.000	2062046.000	
Aliphatic C12-C16	25458636.000	13147541.000	5377243.000	2752069.000	1446731.000	
Aliphatic C16-C21	40534429.000	20932155.000	8616013.000	4440715.000	2321992.000	
Aliphatic C21-C28	53136513.000	27590202.000	11417606.000	5910364.000	3098144.000	
Aliphatic C28-C40	75097151.000	39091365.000	16277300.000	8645814.000	4601724.000	
Aliphatic EPH	230358637.000	119554500.000	49371920.000	25671724.000	13530637.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	128403.8079996	4.941				
Aliphatic C12-C16	135095.243	4.86				
Aliphatic C16-C21	144217.1959996	5.275				
Aliphatic C21-C28	143235.7335	5.974				
Aliphatic C28-C40	137719.6669998	8.144				
Aliphatic EPH	138184.1352218	6.281				

Concentration

Parameter Range	FE055545.D	FE055546.D	FE055547.D	FE055548.D	FE055549.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	FE055545.D	FE055546.D	FE055547.D	FE055548.D	FE055549.D	
Aliphatic C9-C12	120439.693333	125288.246666	128062.633333	130758.733333	137469.733333	
Aliphatic C12-C16	127293.180000	131475.410000	134431.075000	137603.450000	144673.100000	
Aliphatic C16-C21	135114.763333	139547.700000	143600.216666	148023.833333	154799.466666	

Initial Calibration Report for SequenceID : FE082925AL

Aliphatic C21-C28	132841.282500	137951.010000	142720.075000	147759.100000	154907.200000	
Aliphatic C28-C40	125161.918333	130304.550000	135644.166666	144096.900000	153390.800000	
Aliphatic EPH	127977.020555	132838.333333	137144.222222	142620.688888	150340.411111	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055545.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 09:34
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:04:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:03:47 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)	12.086	15313716	93.459 ug/ml
Spiked Amount 50.000		Recovery =	186.92%
12) S 1-chlorooctadecane (S...	13.519	11795222	94.406 ug/ml
Spiked Amount 50.000		Recovery =	188.81%
Target Compounds			
1) T n-Nonane (C9)	3.417	11828350	93.483 ug/ml
2) T n-Decane (C10)	4.676	12034240	94.331 ug/ml
3) T A~Naphthalene (C11.7)	6.396	13856606	94.733 ug/ml
4) T n-Dodecane (C12)	6.853	12269318	94.318 ug/ml
5) T A~2-methylnaphthalene...	7.499	13568882	95.843 ug/ml
6) T n-Tetradecane (C14)	8.690	12358220	94.192 ug/ml
7) T n-Hexadecane (C16)	10.307	13100416	95.165 ug/ml
8) T n-Octadecane (C18)	11.758	13658190	94.035 ug/ml
10) T n-Eicosane (C20)	13.071	13479465	94.109 ug/ml
11) T n-Heneicosane (C21)	13.686	13396774	94.130 ug/ml
13) T n-Docosane (C22)	14.274	13403516	93.930 ug/ml
14) T n-Tetracosane (C24)	15.381	13447515	93.151 ug/ml
15) T n-Hexacosane (C26)	16.405	13239746	92.937 ug/ml
16) T n-Octacosane (C28)	17.357	13045736	92.287 ug/ml
17) T n-Tricontane (C30)	18.247	13338524	90.923 ug/ml
18) T n-Dotriacontane (C32)	19.082	13157990	90.097 ug/ml
19) T n-Tetratriacontane (C34)	19.866	12802849	91.142 ug/ml
20) T n-Hexatriacontane (C36)	20.607	12140628	92.667 ug/ml
21) T n-Octatriacontane (C38)	21.386	11994777	94.464 ug/ml
22) T n-Tetracontane (C40)	22.376	11662383	95.080 ug/ml

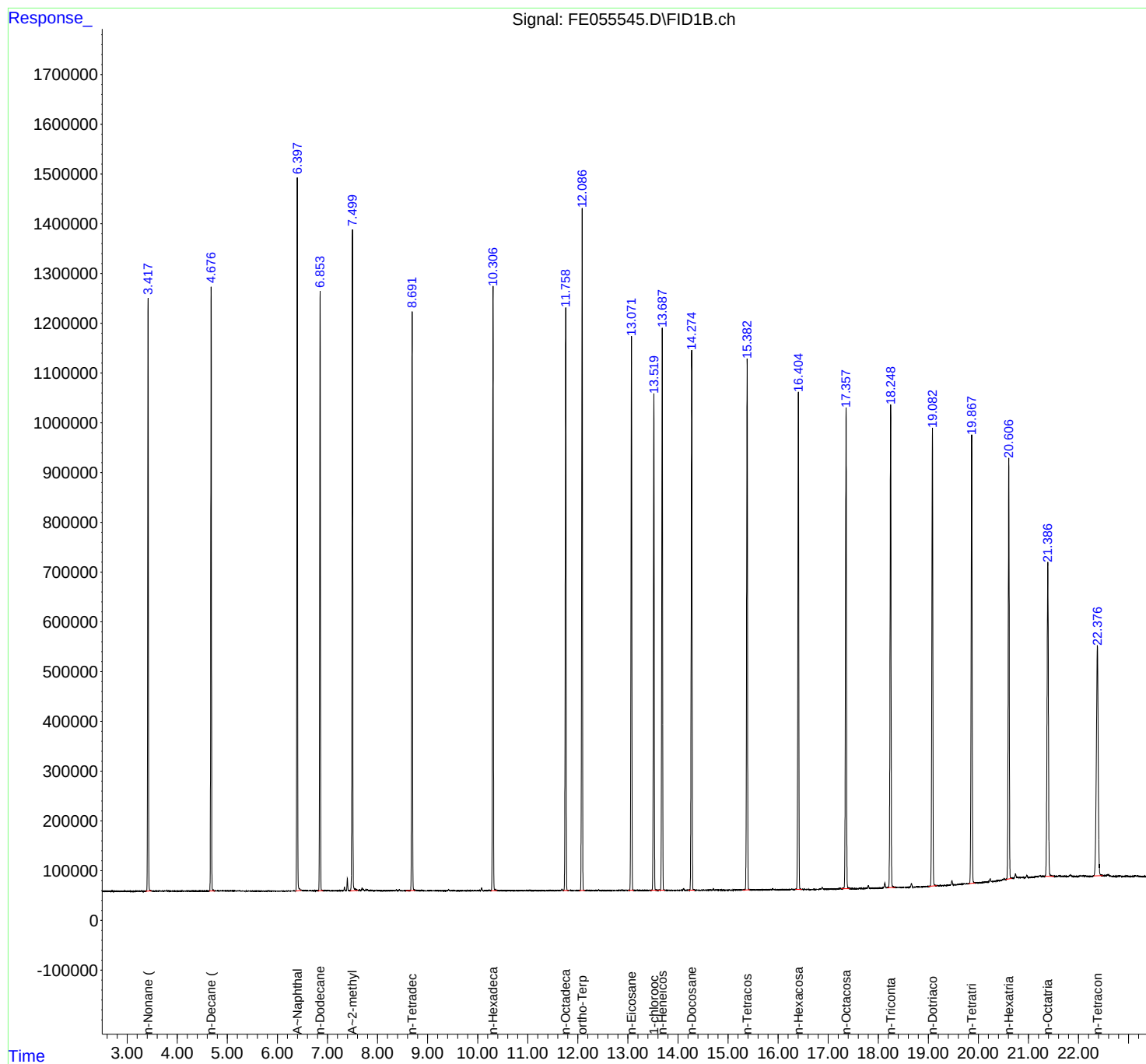
(f)=RT Delta > 1/2 Window

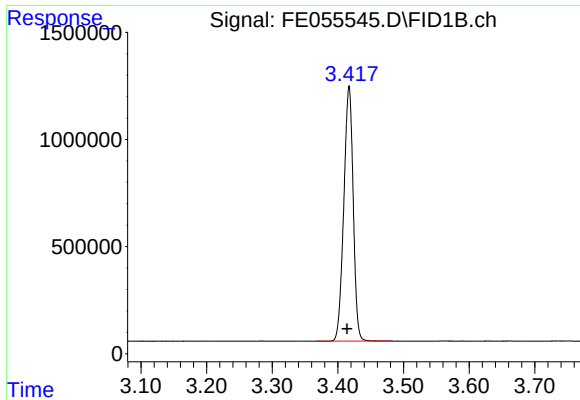
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055545.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 09:34
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:04:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:03:47 2025
Response via : Initial Calibration
Integrator: ChemStation

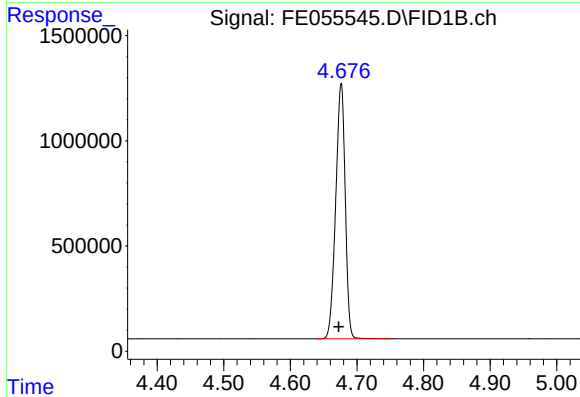
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





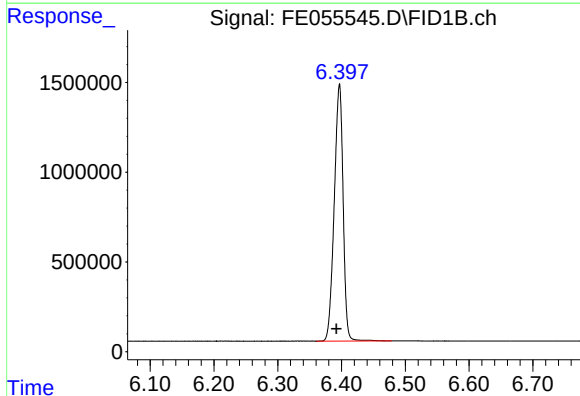
#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: 0.003 min
Response: 11828350
Conc: 93.48 ug/ml



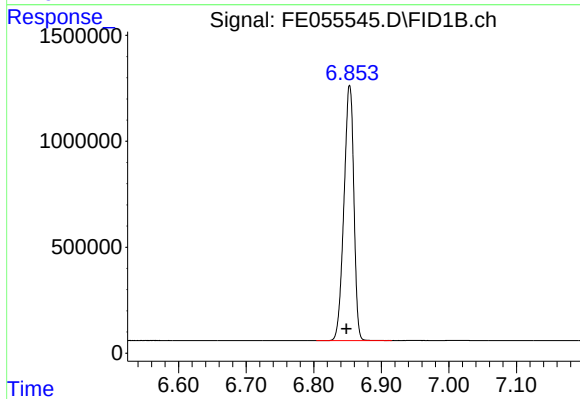
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: 0.003 min
Response: 12034240
Conc: 94.33 ug/ml



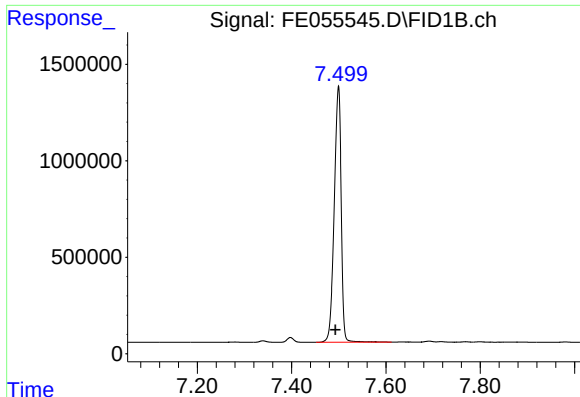
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.004 min
Response: 13856606
Conc: 94.73 ug/ml



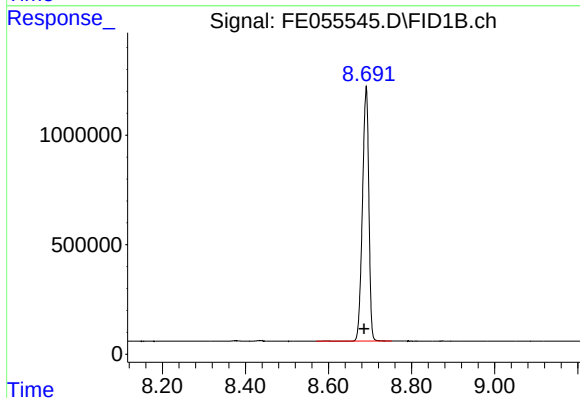
#4 n-Dodecane (C12)

R.T.: 6.853 min
Delta R.T.: 0.005 min
Response: 12269318
Conc: 94.32 ug/ml



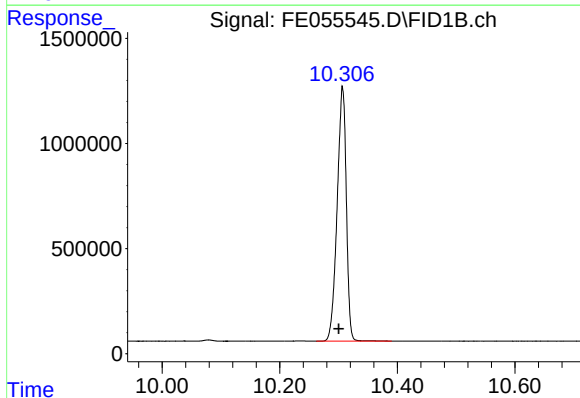
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.499 min
Delta R.T.: 0.006 min
Response: 13568882
Conc: 95.84 ug/ml



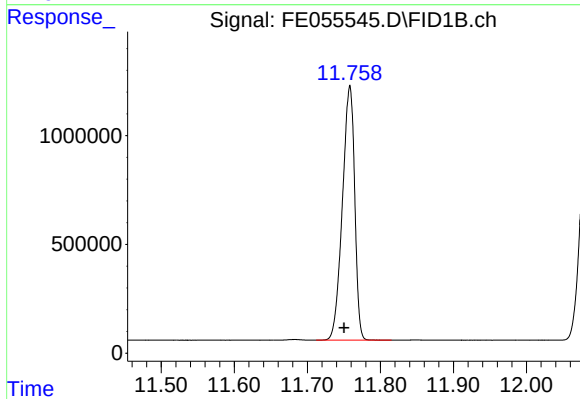
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: 0.005 min
Response: 12358220
Conc: 94.19 ug/ml



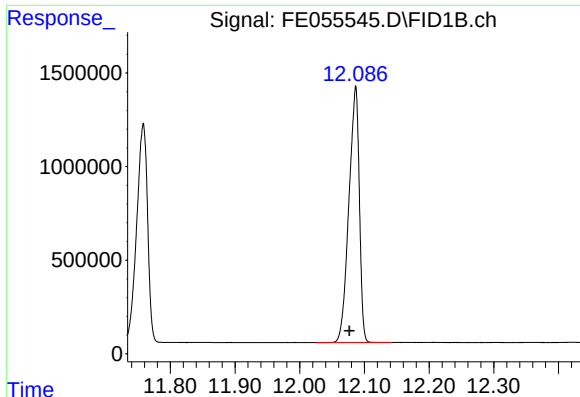
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: 0.006 min
Response: 13100416
Conc: 95.17 ug/ml



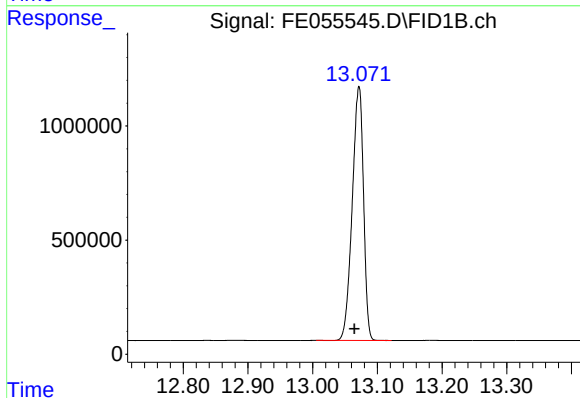
#8 n-Octadecane (C18)

R.T.: 11.758 min
Delta R.T.: 0.008 min
Response: 13658190
Conc: 94.03 ug/ml



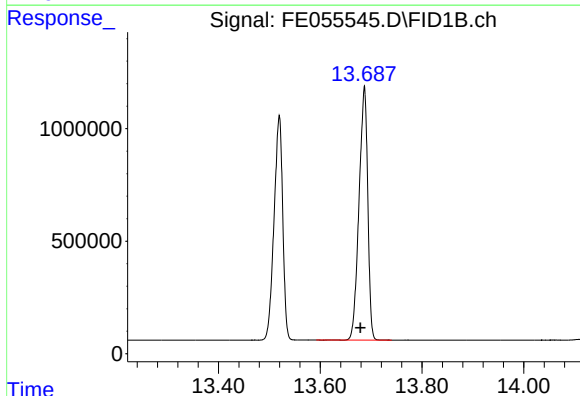
#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.009 min
Response: 15313716
Conc: 93.46 ug/ml



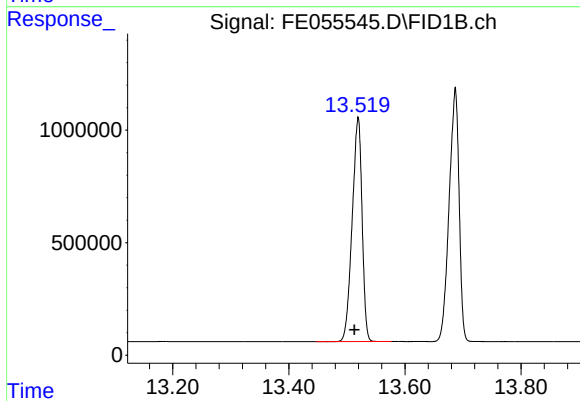
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: 0.007 min
Response: 13479465
Conc: 94.11 ug/ml



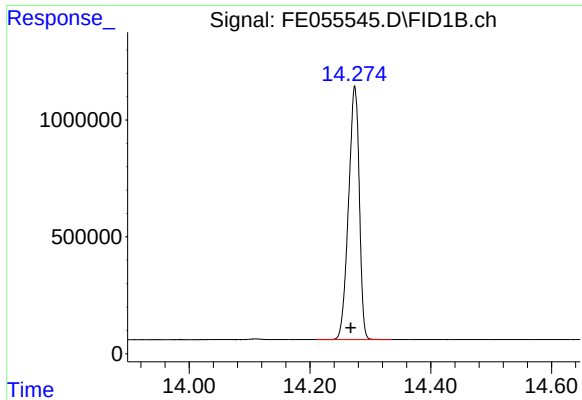
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.008 min
Response: 13396774
Conc: 94.13 ug/ml



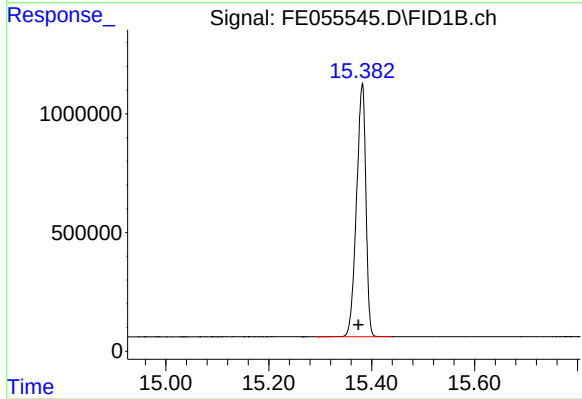
#12 1-chlorooctadecane (SURR)

R.T.: 13.519 min
Delta R.T.: 0.006 min
Response: 11795222
Conc: 94.41 ug/ml



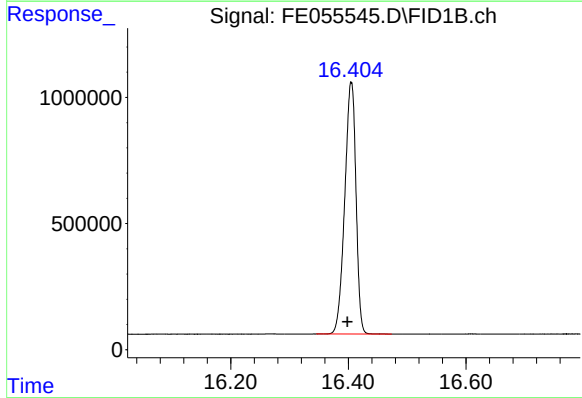
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: 0.007 min
Response: 13403516
Conc: 93.93 ug/ml



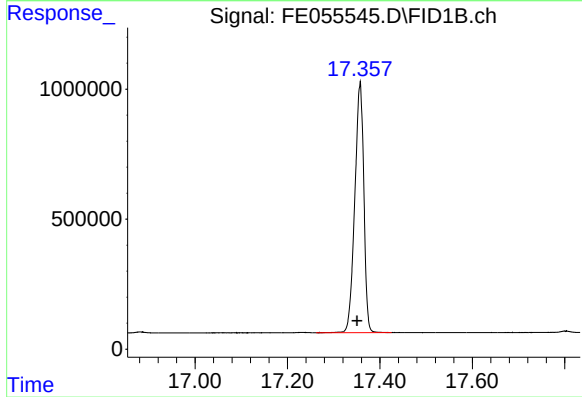
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: 0.007 min
Response: 13447515
Conc: 93.15 ug/ml



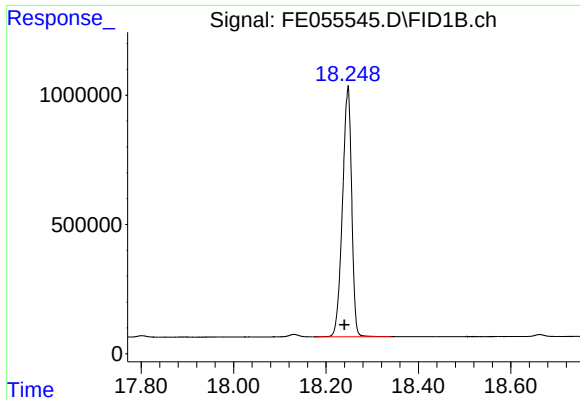
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.006 min
Response: 13239746
Conc: 92.94 ug/ml



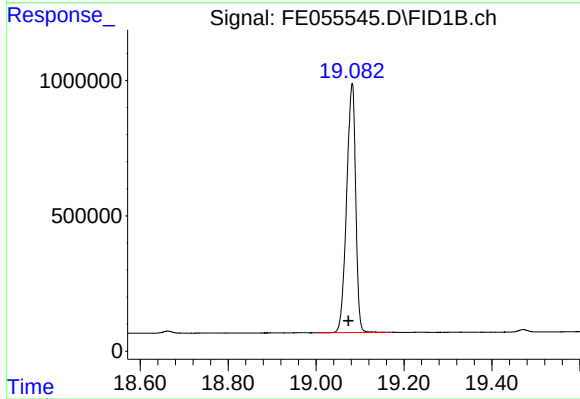
#16 n-Octacosane (C28)

R.T.: 17.357 min
Delta R.T.: 0.007 min
Response: 13045736
Conc: 92.29 ug/ml



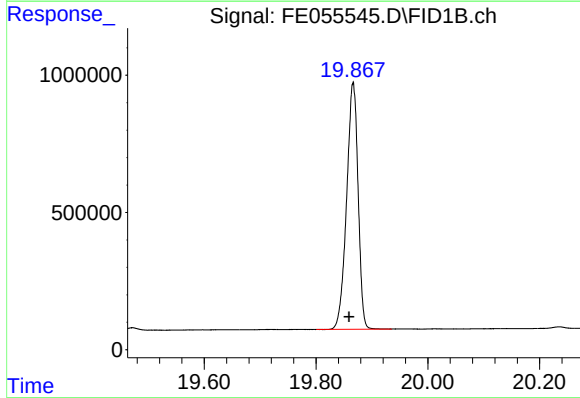
#17 n-Tricontane (C30)

R.T.: 18.247 min
Delta R.T.: 0.008 min
Response: 13338524
Conc: 90.92 ug/ml



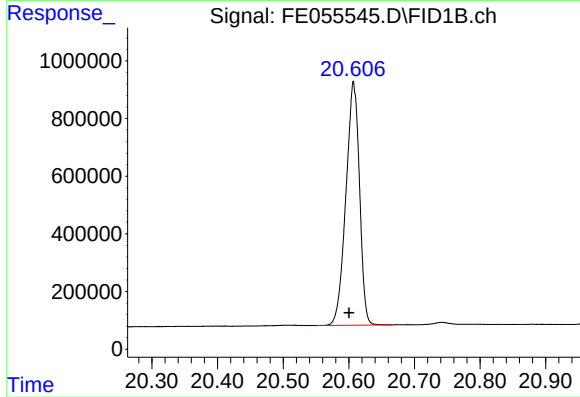
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.008 min
Response: 13157990
Conc: 90.10 ug/ml



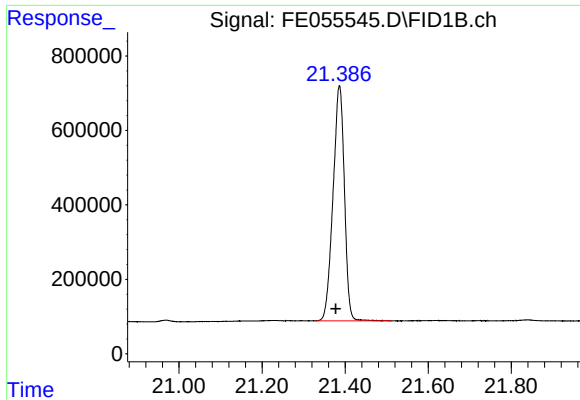
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.007 min
Response: 12802849
Conc: 91.14 ug/ml



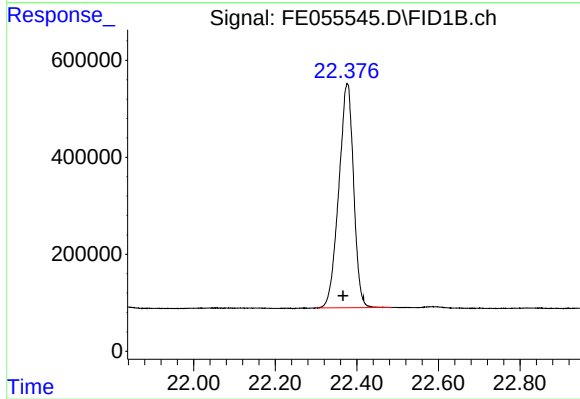
#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.007 min
Response: 12140628
Conc: 92.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: 0.009 min
Response: 11994777
Conc: 94.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: 0.010 min
Response: 11662383
Conc: 95.08 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055545.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 09:34
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	3.367	3.482	BB	1191648	11828350	77.24%	4.152%
2	4.676	4.639	4.752	BB	1211536	12034240	78.58%	4.224%
3	6.396	6.360	6.479	BB	1439260	13856606	90.48%	4.864%
4	6.853	6.804	6.915	BB	1206551	12269318	80.12%	4.307%
5	7.499	7.452	7.612	BB	1322770	13568882	88.61%	4.763%
6	8.690	8.570	8.752	BB	1156261	12358220	80.70%	4.338%
7	10.307	10.262	10.390	BB	1210090	13100416	85.55%	4.598%
8	11.758	11.712	11.815	BB	1176381	13658190	89.19%	4.794%
9	12.086	12.025	12.142	BB	1353894	15313716	100.00%	5.375%
10	13.071	13.005	13.122	BB	1117183	13479465	88.02%	4.731%
11	13.519	13.447	13.577	BB	991309	11795222	77.02%	4.140%
12	13.686	13.592	13.740	BB	1134552	13396774	87.48%	4.702%
13	14.274	14.210	14.335	BB	1083904	13403516	87.53%	4.705%
14	15.381	15.292	15.439	BB	1068125	13447515	87.81%	4.720%
15	16.405	16.345	16.474	BB	998531	13239746	86.46%	4.647%
16	17.357	17.262	17.425	BB	959033	13045736	85.19%	4.579%
17	18.247	18.179	18.342	BB	962203	13338524	87.10%	4.682%
18	19.082	19.000	19.172	BB	921202	13157990	85.92%	4.619%
19	19.866	19.800	19.935	BB	900975	12802849	83.60%	4.494%
20	20.607	20.550	20.665	BB	843789	12140628	79.28%	4.261%
21	21.386	21.330	21.512	BB	632408	11994777	78.33%	4.210%
22	22.376	22.300	22.485	BB	462197	11662383	76.16%	4.094%
Sum of corrected areas:						284893060		

Aliphatic EPH 082925.M Fri Aug 29 08:19:39 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055546.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 10:04
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:04:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 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)	12.081	7933806	48.420 ug/ml
Spiked Amount 50.000		Recovery =	96.84%
12) S 1-chlorooctadecane (S...	13.516	6092142	48.760 ug/ml
Spiked Amount 50.000		Recovery =	97.52%
Target Compounds			
1) T n-Nonane (C9)	3.416	6168124	48.749 ug/ml
2) T n-Decane (C10)	4.674	6258750	49.059 ug/ml
3) T A~Naphthalene (C11.7)	6.394	7168456	49.008 ug/ml
4) T n-Dodecane (C12)	6.851	6366363	48.940 ug/ml
5) T A~2-methylnaphthalene...	7.496	6971341	49.242 ug/ml
6) T n-Tetradecane (C14)	8.688	6399972	48.779 ug/ml
7) T n-Hexadecane (C16)	10.303	6747569	49.016 ug/ml
8) T n-Octadecane (C18)	11.753	7052281	48.554 ug/ml
10) T n-Eicosane (C20)	13.068	6959863	48.591 ug/ml
11) T n-Heneicosane (C21)	13.682	6920011	48.622 ug/ml
13) T n-Docosane (C22)	14.270	6934567	48.596 ug/ml
14) T n-Tetracosane (C24)	15.377	6974373	48.311 ug/ml
15) T n-Hexacosane (C26)	16.402	6883971	48.322 ug/ml
16) T n-Octacosane (C28)	17.353	6797291	48.085 ug/ml
17) T n-Tricontane (C30)	18.243	6954737	47.407 ug/ml
18) T n-Dotriacontane (C32)	19.077	6869783	47.040 ug/ml
19) T n-Tetratriacontane (C34)	19.863	6674365	47.514 ug/ml
20) T n-Hexatriacontane (C36)	20.604	6315211	48.203 ug/ml
21) T n-Octatriacontane (C38)	21.384	6168238	48.578 ug/ml
22) T n-Tetracontane (C40)	22.370	6109031	49.805 ug/ml

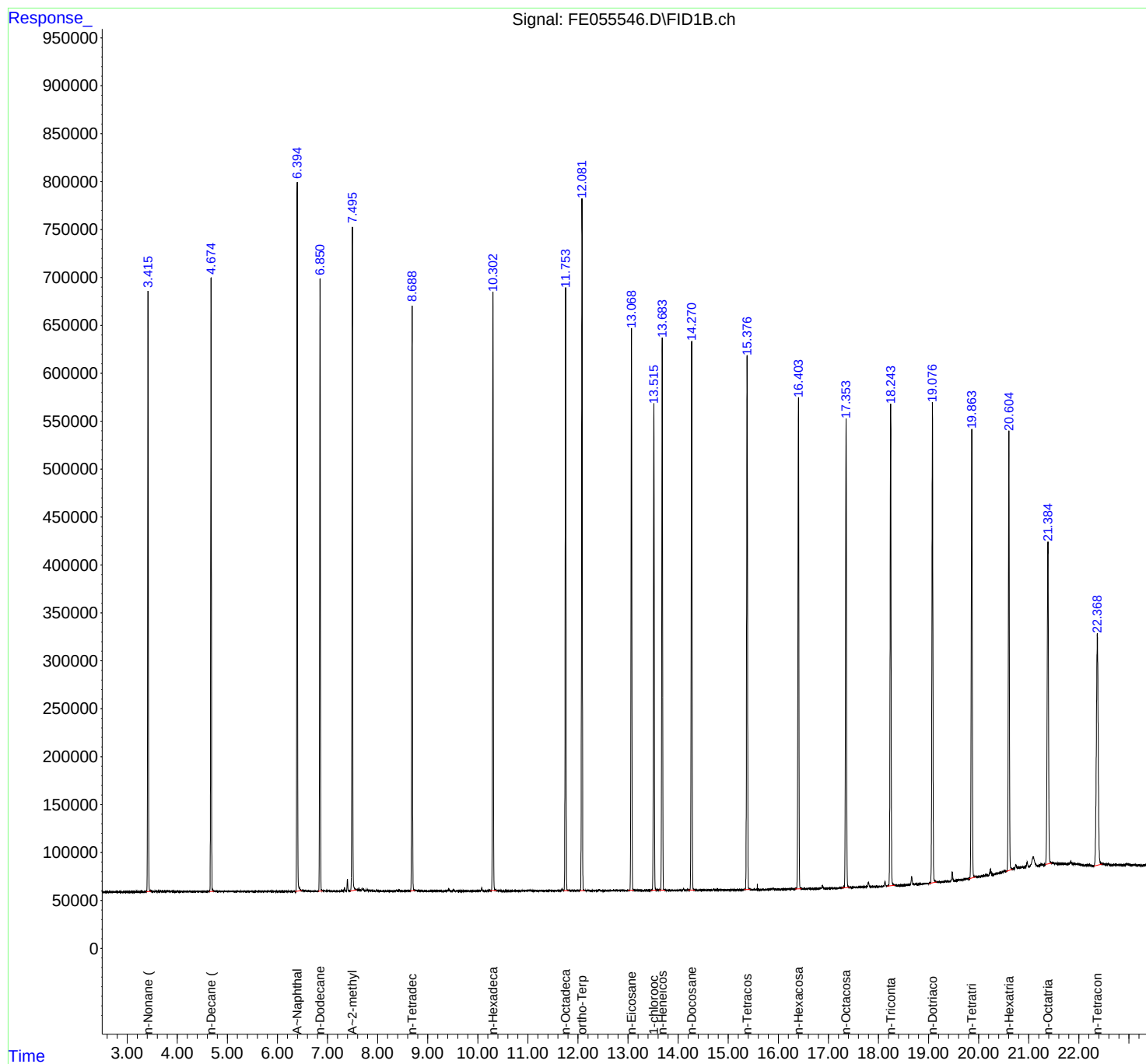
(f)=RT Delta > 1/2 Window

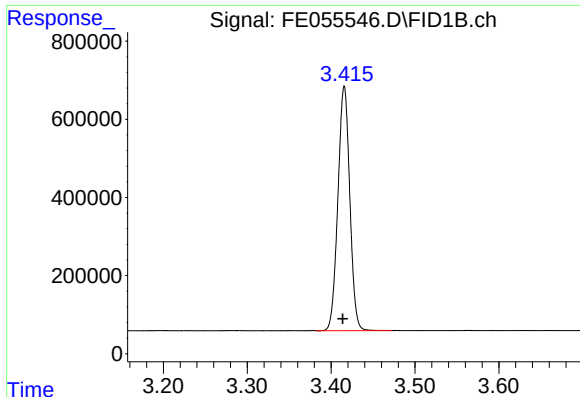
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055546.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 10:04
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:04:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:03:47 2025
Response via : Initial Calibration
Integrator: ChemStation

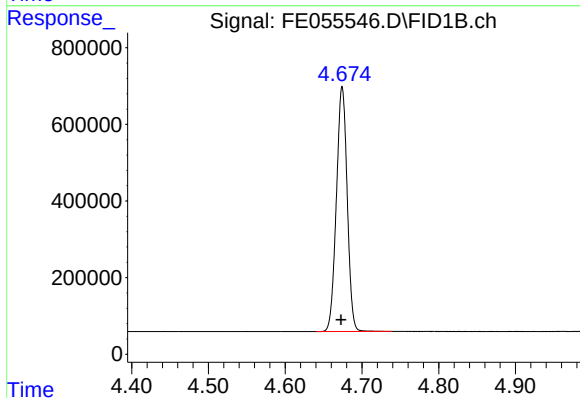
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





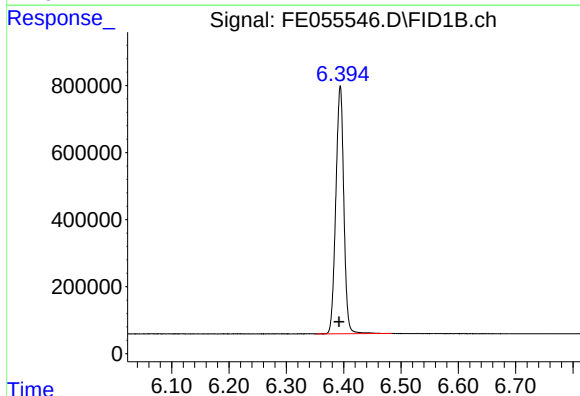
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: 0.002 min
Response: 6168124
Conc: 48.75 ug/ml



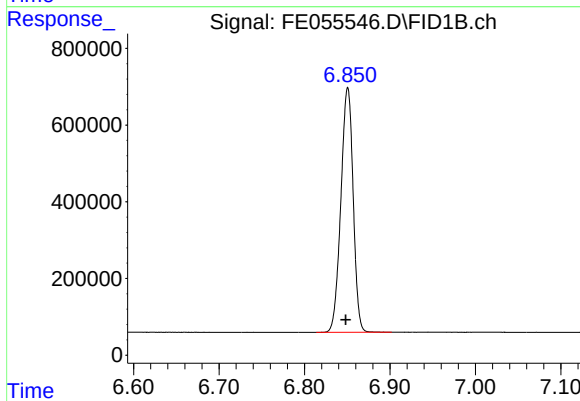
#2 n-Decane (C10)

R.T.: 4.674 min
Delta R.T.: 0.002 min
Response: 6258750
Conc: 49.06 ug/ml



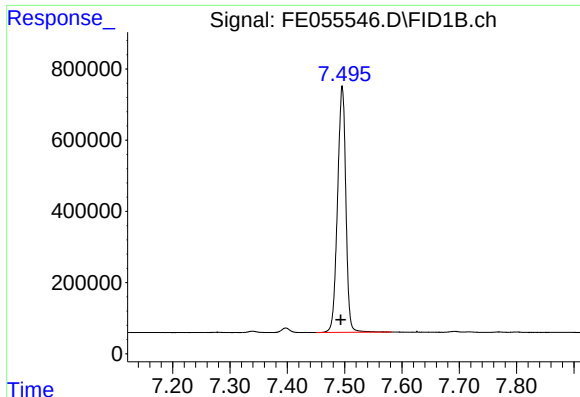
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 7168456
Conc: 49.01 ug/ml



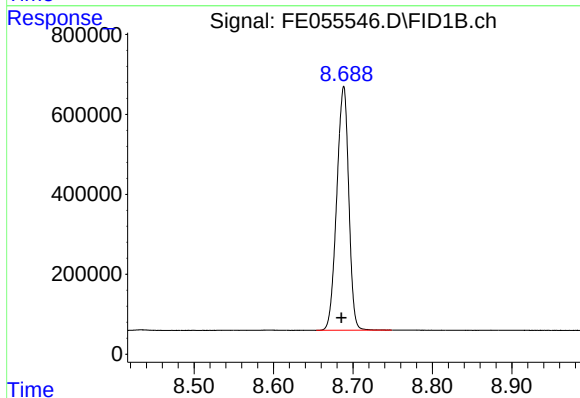
#4 n-Dodecane (C12)

R.T.: 6.851 min
Delta R.T.: 0.002 min
Response: 6366363
Conc: 48.94 ug/ml



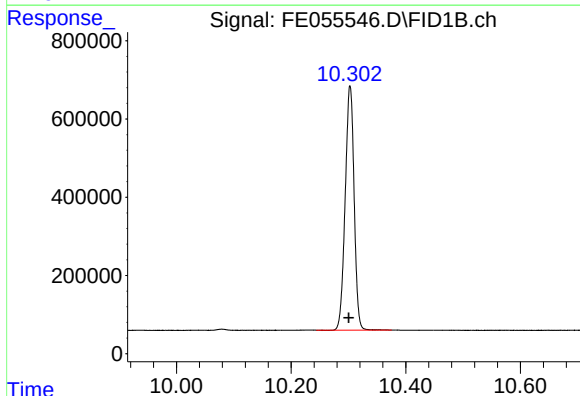
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.496 min
Delta R.T.: 0.002 min
Response: 6971341
Conc: 49.24 ug/ml



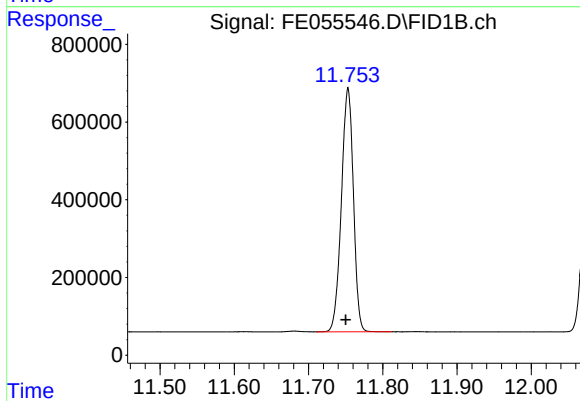
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: 0.003 min
Response: 6399972
Conc: 48.78 ug/ml



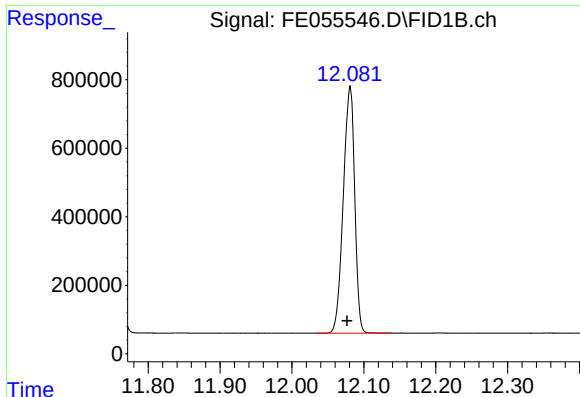
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: 0.003 min
Response: 6747569
Conc: 49.02 ug/ml



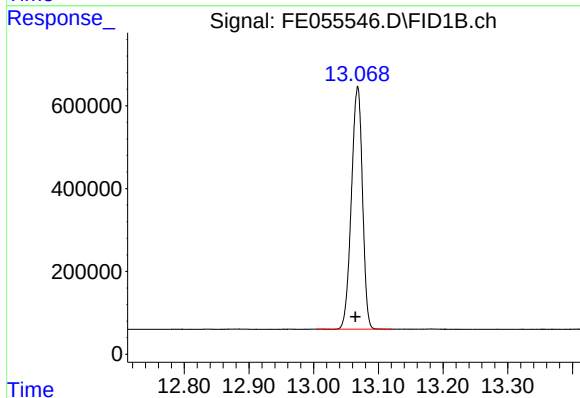
#8 n-Octadecane (C18)

R.T.: 11.753 min
Delta R.T.: 0.003 min
Response: 7052281
Conc: 48.55 ug/ml



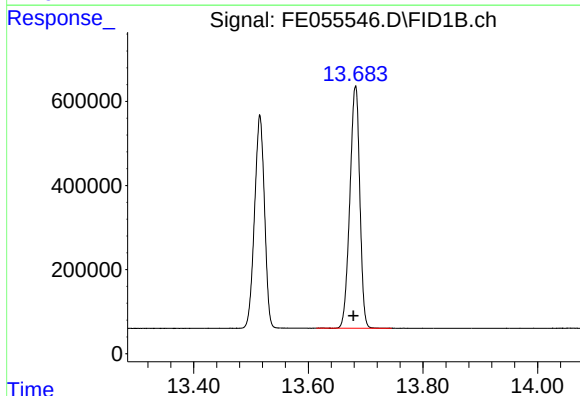
#9 ortho-Terphenyl (SURR)

R.T.: 12.081 min
Delta R.T.: 0.004 min
Response: 7933806
Conc: 48.42 ug/ml



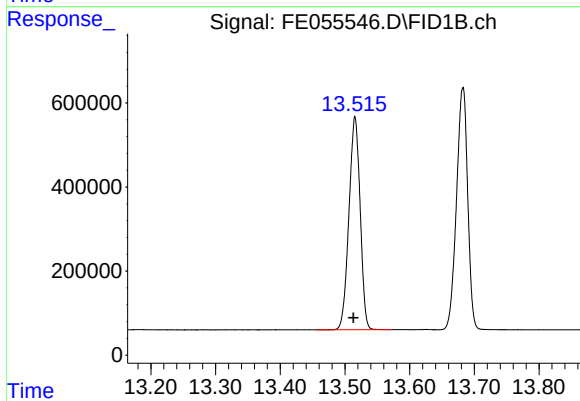
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: 0.003 min
Response: 6959863
Conc: 48.59 ug/ml



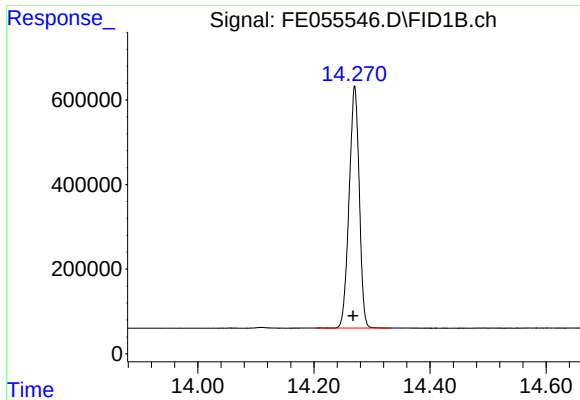
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: 0.003 min
Response: 6920011
Conc: 48.62 ug/ml



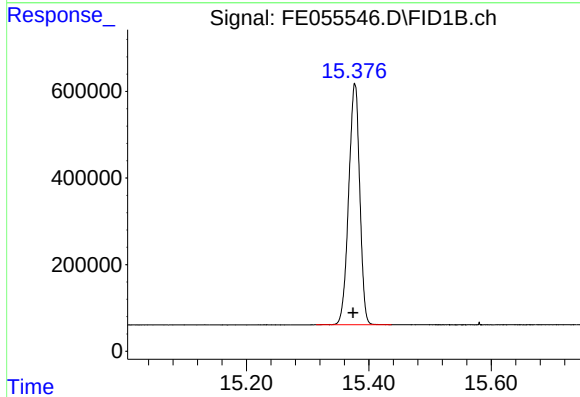
#12 1-chlorooctadecane (SURR)

R.T.: 13.516 min
Delta R.T.: 0.003 min
Response: 6092142
Conc: 48.76 ug/ml



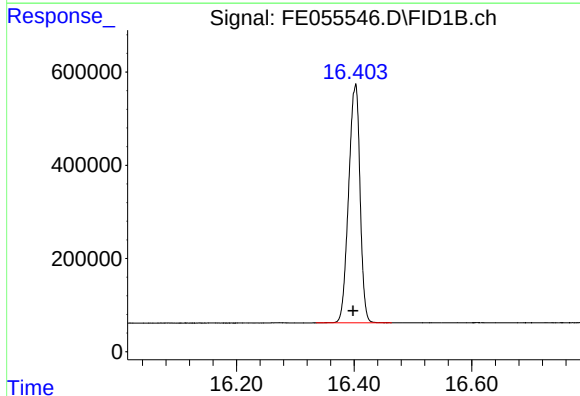
#13 n-Docosane (C22)

R.T.: 14.270 min
Delta R.T.: 0.003 min
Response: 6934567
Conc: 48.60 ug/ml



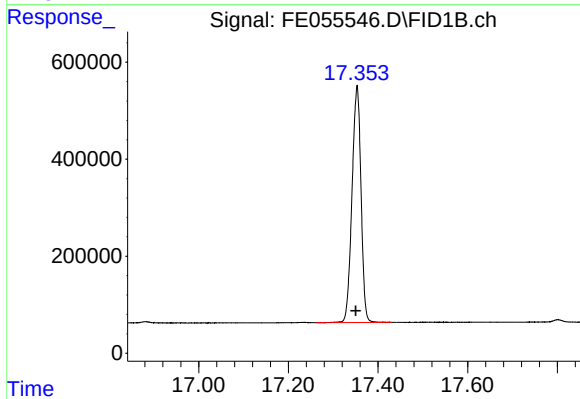
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: 0.002 min
Response: 6974373
Conc: 48.31 ug/ml



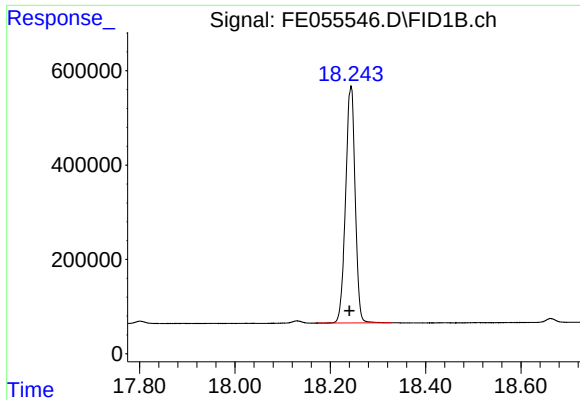
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: 0.003 min
Response: 6883971
Conc: 48.32 ug/ml



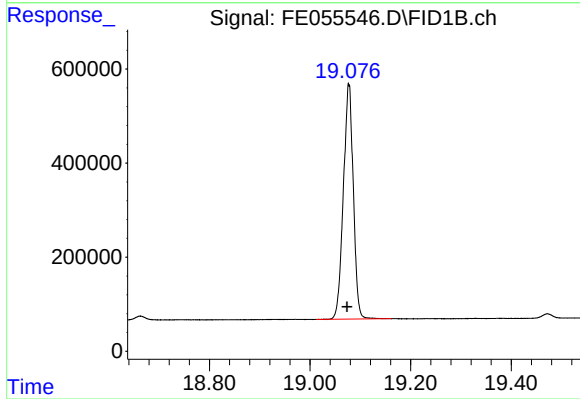
#16 n-Octacosane (C28)

R.T.: 17.353 min
Delta R.T.: 0.003 min
Response: 6797291
Conc: 48.08 ug/ml



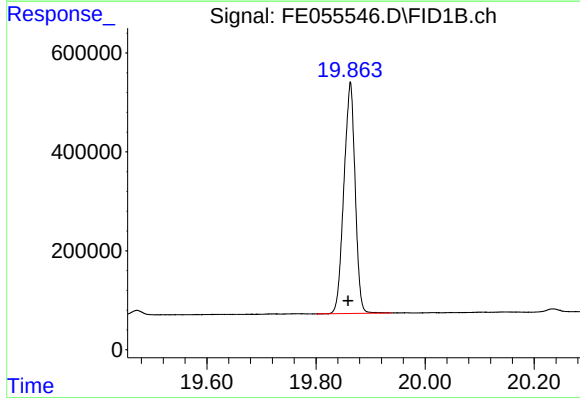
#17 n-Tricontane (C30)

R.T.: 18.243 min
Delta R.T.: 0.003 min
Response: 6954737
Conc: 47.41 ug/ml



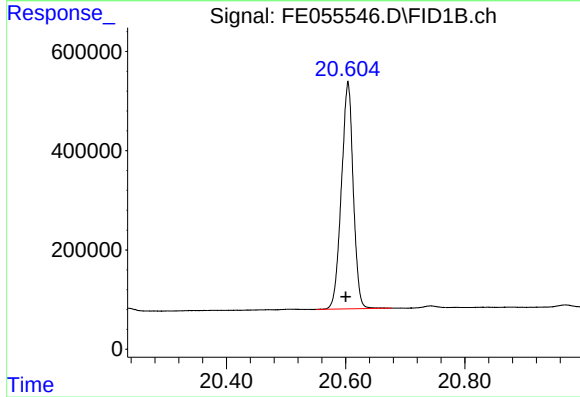
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: 0.003 min
Response: 6869783
Conc: 47.04 ug/ml



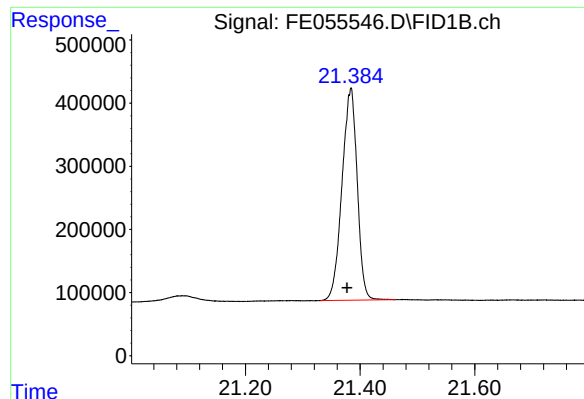
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: 0.004 min
Response: 6674365
Conc: 47.51 ug/ml



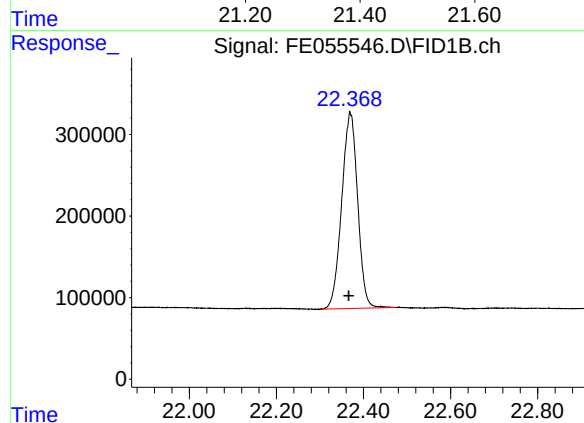
#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: 0.003 min
Response: 6315211
Conc: 48.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: 0.006 min
Response: 6168238
Conc: 48.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.370 min
Delta R.T.: 0.004 min
Response: 6109031
Conc: 49.80 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055546.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 10:04
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	3.416	3.382	3.472	BB	625995	6168124	77.74%	4.176%
2	4.674	4.640	4.739	BB	639264	6258750	78.89%	4.237%
3	6.394	6.352	6.484	BB	740311	7168456	90.35%	4.853%
4	6.851	6.814	6.902	BB	638794	6366363	80.24%	4.310%
5	7.496	7.450	7.582	BB	692688	6971341	87.87%	4.719%
6	8.688	8.654	8.749	BB	614230	6399972	80.67%	4.332%
7	10.303	10.244	10.375	BB	626472	6747569	85.05%	4.568%
8	11.753	11.710	11.812	BB	629313	7052281	88.89%	4.774%
9	12.081	12.034	12.139	BB	719382	7933806	100.00%	5.371%
10	13.068	13.004	13.120	BB	582752	6959863	87.72%	4.712%
11	13.516	13.455	13.572	BB	507700	6092142	76.79%	4.124%
12	13.682	13.614	13.745	BB	575245	6920011	87.22%	4.685%
13	14.270	14.204	14.334	BB	572853	6934567	87.41%	4.694%
14	15.377	15.314	15.437	BB	557114	6974373	87.91%	4.721%
15	16.402	16.335	16.464	BB	509688	6883971	86.77%	4.660%
16	17.353	17.262	17.430	BB	490696	6797291	85.68%	4.601%
17	18.243	18.170	18.329	BB	503057	6954737	87.66%	4.708%
18	19.077	19.012	19.162	BB	499413	6869783	86.59%	4.651%
19	19.863	19.800	19.939	BB	466529	6674365	84.13%	4.518%
20	20.604	20.550	20.677	BB	458043	6315211	79.60%	4.275%
21	21.384	21.330	21.462	BB	336062	6168238	77.75%	4.176%
22	22.370	22.300	22.474	BB	238304	6109031	77.00%	4.136%
Sum of corrected areas:						147720243		

Aliphatic EPH 082925.M Fri Aug 29 08:20:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055547.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 10:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:05:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 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)	12.077	3277094	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.513	2498820	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.414	2530579	20.000 ug/ml
2) T n-Decane (C10)	4.673	2551497	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2925404	20.000 ug/ml
4) T n-Dodecane (C12)	6.848	2601682	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.493	2831487	20.000 ug/ml
6) T n-Tetradecane (C14)	8.685	2624050	20.000 ug/ml
7) T n-Hexadecane (C16)	10.300	2753193	20.000 ug/ml
8) T n-Octadecane (C18)	11.750	2904925	20.000 ug/ml
10) T n-Eicosane (C20)	13.064	2864643	20.000 ug/ml
11) T n-Heneicosane (C21)	13.679	2846445	20.000 ug/ml
13) T n-Docosane (C22)	14.267	2853950	20.000 ug/ml
14) T n-Tetracosane (C24)	15.375	2887260	20.000 ug/ml
15) T n-Hexacosane (C26)	16.398	2849191	20.000 ug/ml
16) T n-Octacosane (C28)	17.350	2827205	20.000 ug/ml
17) T n-Tricontane (C30)	18.240	2934030	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.074	2920846	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.859	2809431	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.601	2620265	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.377	2539543	20.000 ug/ml
22) T n-Tetracontane (C40)	22.366	2453185	20.000 ug/ml

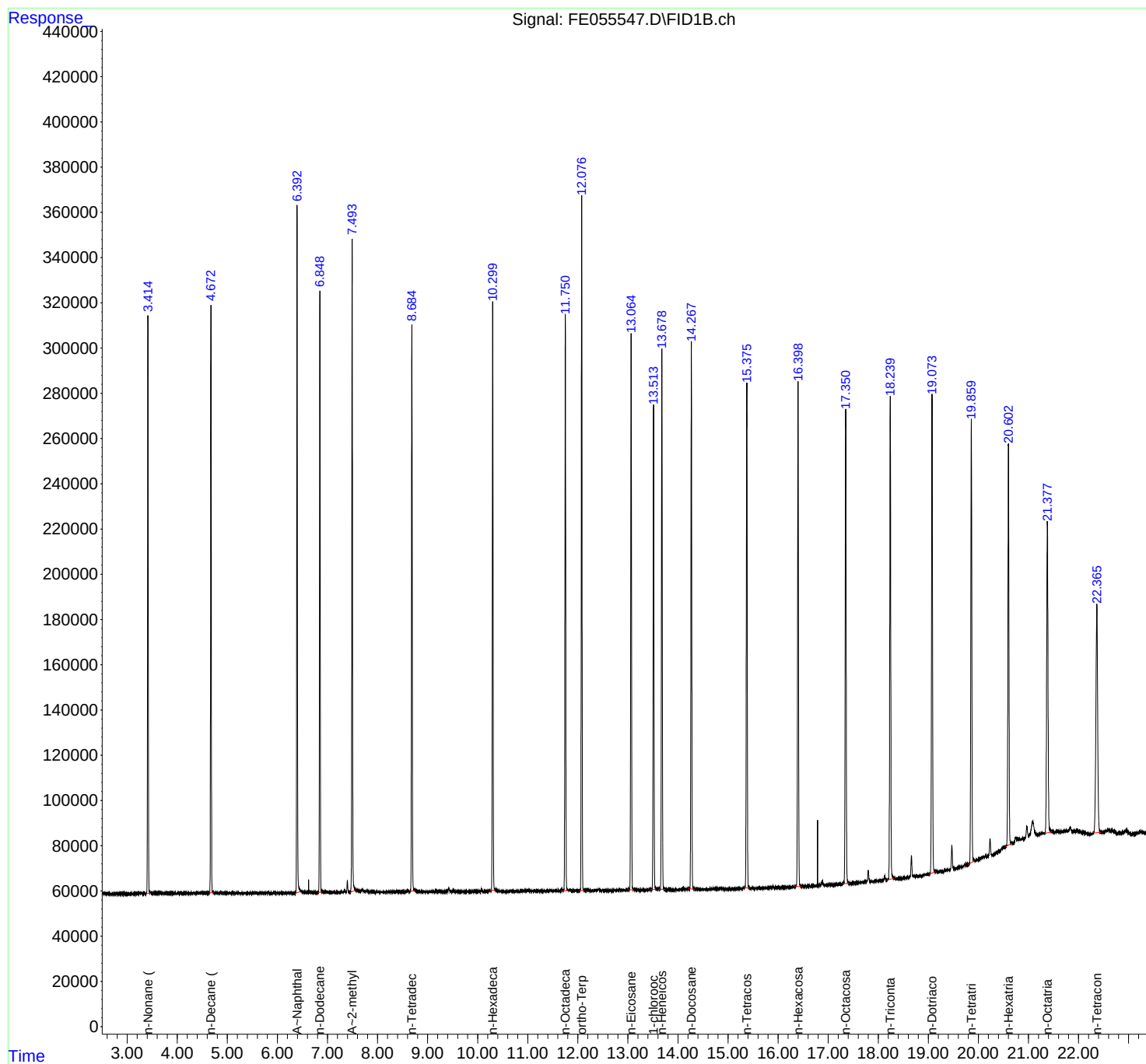
(f)=RT Delta > 1/2 Window

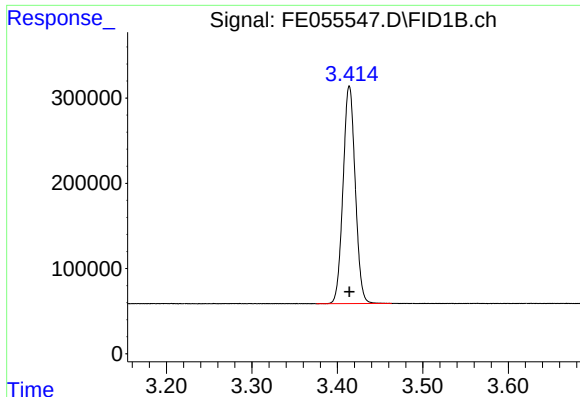
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055547.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 10:34
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:05:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:03:47 2025
Response via : Initial Calibration
Integrator: ChemStation

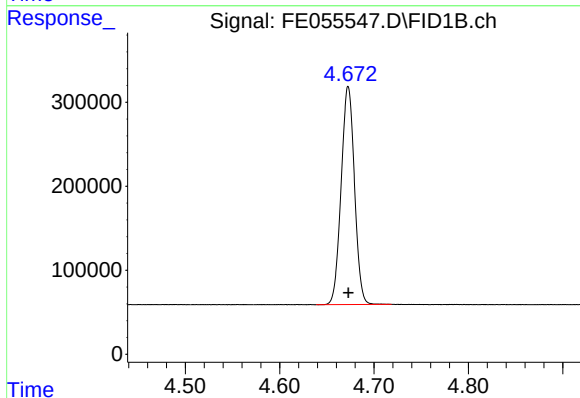
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





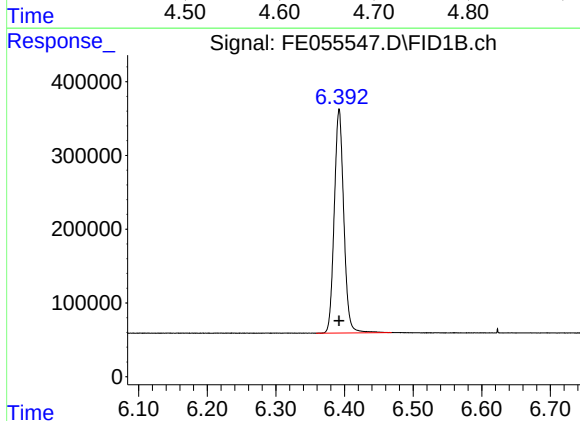
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2530579
Conc: 20.00 ug/ml



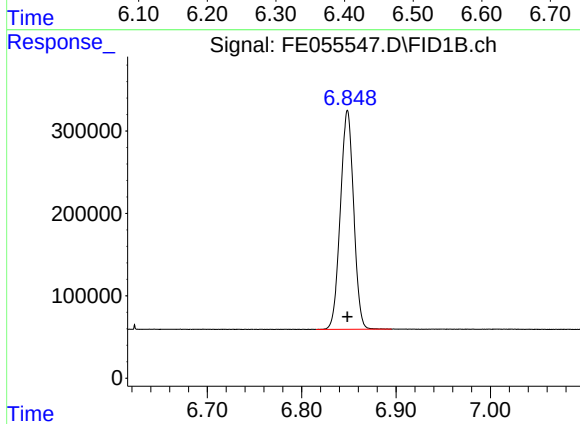
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 2551497
Conc: 20.00 ug/ml



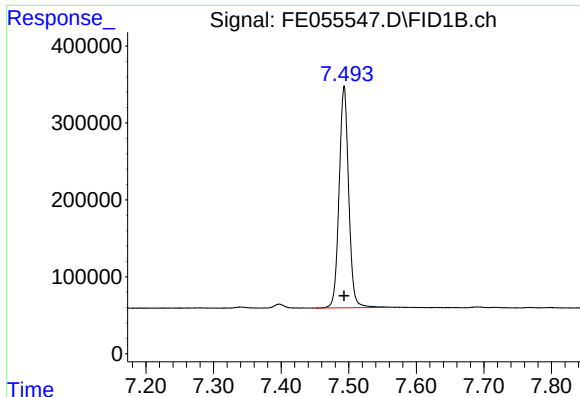
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2925404
Conc: 20.00 ug/ml



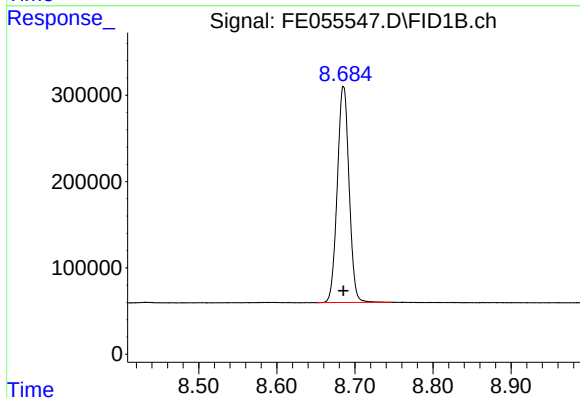
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 2601682
Conc: 20.00 ug/ml



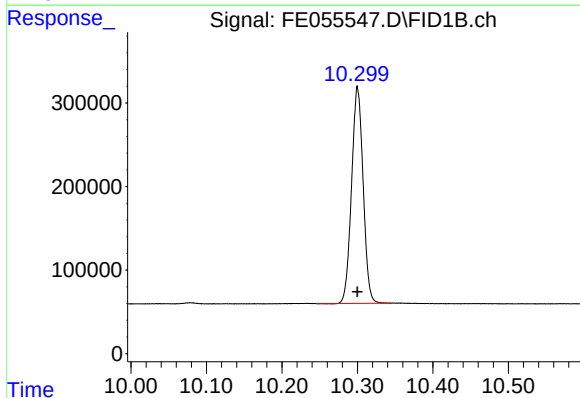
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 2831487
Conc: 20.00 ug/ml



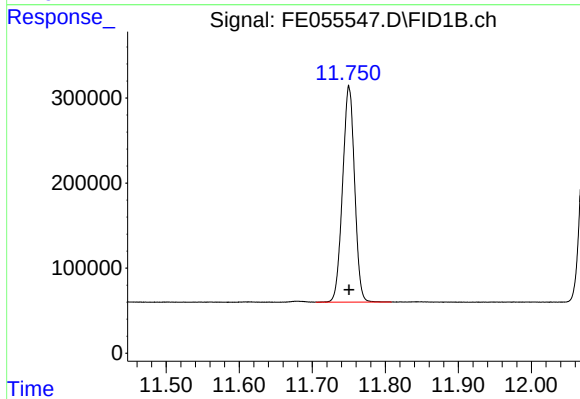
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 2624050
Conc: 20.00 ug/ml



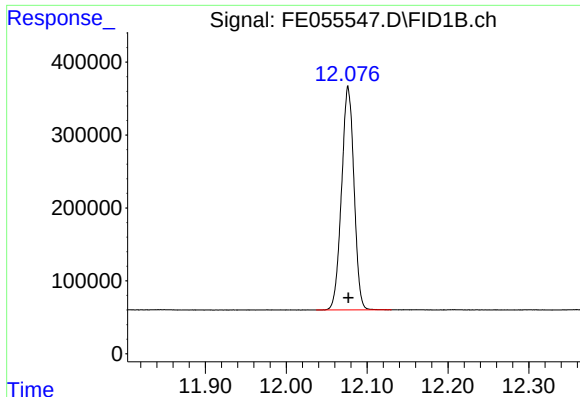
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 2753193
Conc: 20.00 ug/ml



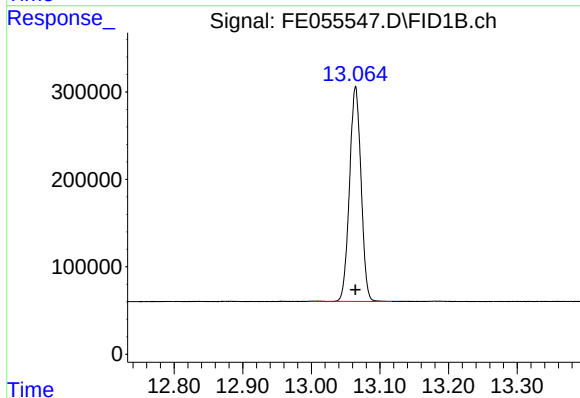
#8 n-Octadecane (C18)

R.T.: 11.750 min
Delta R.T.: 0.000 min
Response: 2904925
Conc: 20.00 ug/ml



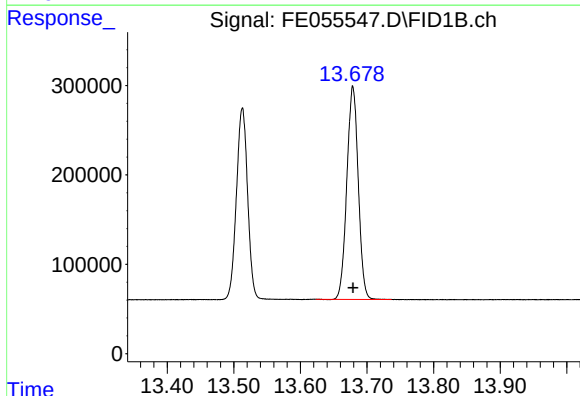
#9 ortho-Terphenyl (SURR)

R.T.: 12.077 min
Delta R.T.: 0.000 min
Response: 3277094
Conc: 20.00 ug/ml



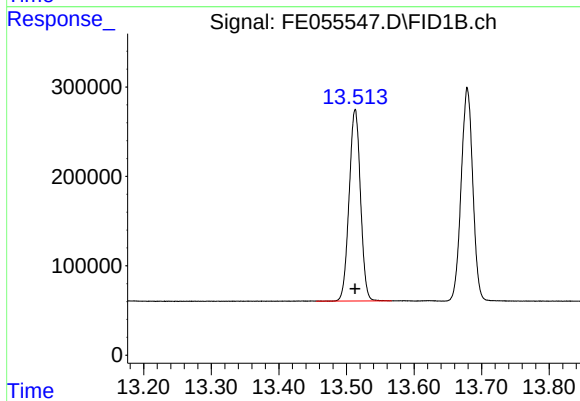
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 2864643
Conc: 20.00 ug/ml



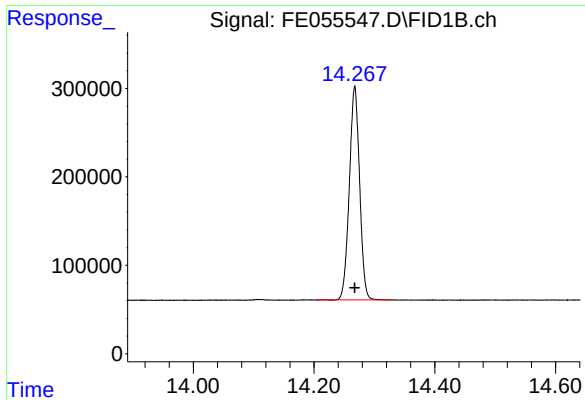
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 2846445
Conc: 20.00 ug/ml



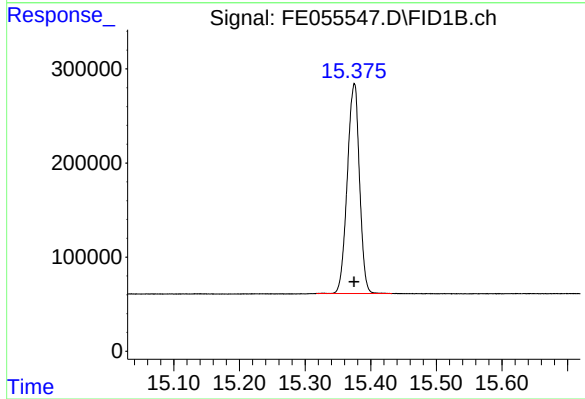
#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 2498820
Conc: 20.00 ug/ml



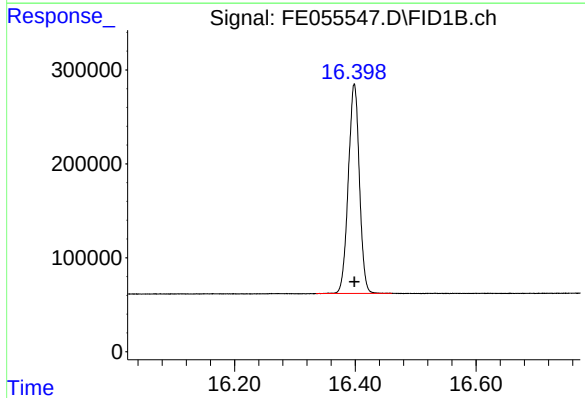
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 2853950
Conc: 20.00 ug/ml



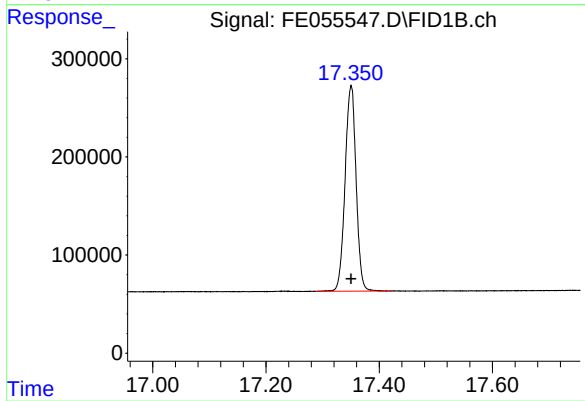
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: 0.000 min
Response: 2887260
Conc: 20.00 ug/ml



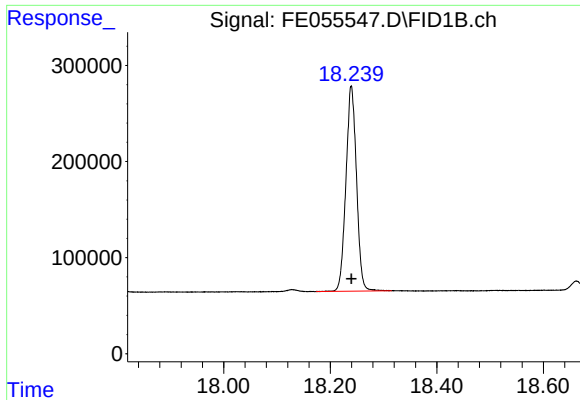
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 2849191
Conc: 20.00 ug/ml



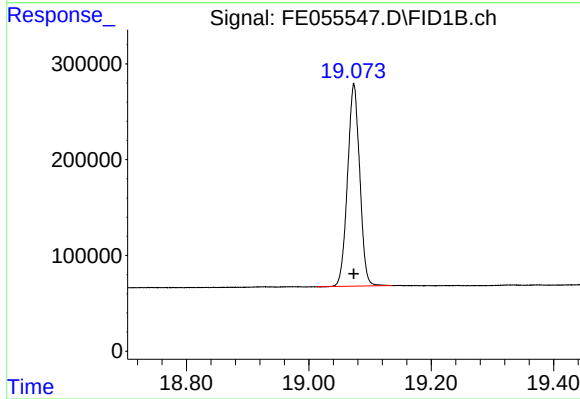
#16 n-Octacosane (C28)

R.T.: 17.350 min
Delta R.T.: 0.000 min
Response: 2827205
Conc: 20.00 ug/ml



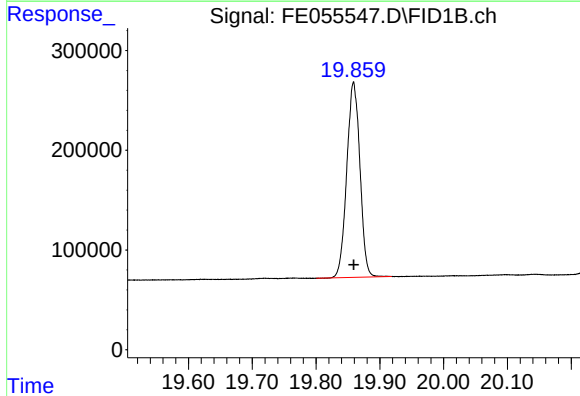
#17 n-Tricontane (C30)

R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 2934030
Conc: 20.00 ug/ml



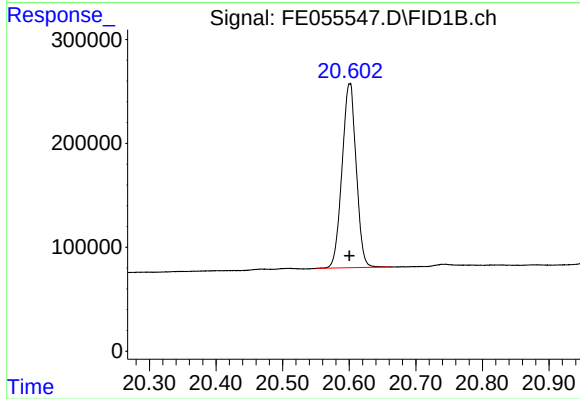
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 2920846
Conc: 20.00 ug/ml



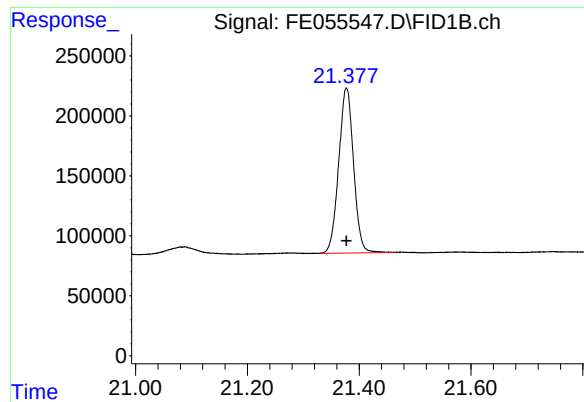
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 2809431
Conc: 20.00 ug/ml



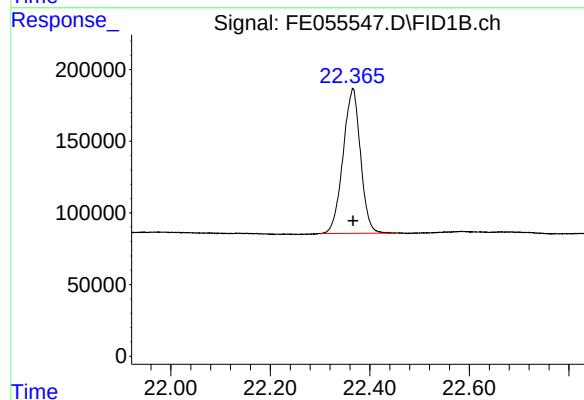
#20 n-Hexatriacontane (C36)

R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 2620265
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.000 min
Response: 2539543
Conc: 20.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.366 min
Delta R.T.: 0.000 min
Response: 2453185
Conc: 20.00 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055547.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 10:34
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	3.414	3.375	3.464	BB	255465	2530579	77.22%	4.155%
2	4.673	4.639	4.719	BB	260252	2551497	77.86%	4.189%
3	6.392	6.359	6.469	BB	303022	2925404	89.27%	4.803%
4	6.849	6.815	6.895	BB	266425	2601682	79.39%	4.272%
5	7.493	7.452	7.564	BB	289142	2831487	86.40%	4.649%
6	8.685	8.650	8.747	BB	250558	2624050	80.07%	4.308%
7	10.300	10.245	10.345	BB	258692	2753193	84.01%	4.520%
8	11.750	11.705	11.809	BB	253983	2904925	88.64%	4.770%
9	12.077	12.037	12.130	BB	304941	3277094	100.00%	5.381%
10	13.064	13.007	13.117	BB	246936	2864643	87.41%	4.703%
11	13.513	13.455	13.567	BB	215156	2498820	76.25%	4.103%
12	13.679	13.624	13.737	BB	238940	2846445	86.86%	4.674%
13	14.267	14.204	14.329	BB	240835	2853950	87.09%	4.686%
14	15.375	15.317	15.432	BB	223855	2887260	88.10%	4.741%
15	16.398	16.335	16.460	BB	223081	2849191	86.94%	4.678%
16	17.350	17.289	17.422	BB	209651	2827205	86.27%	4.642%
17	18.240	18.174	18.315	BB	213168	2934030	89.53%	4.817%
18	19.074	19.012	19.135	BB	211575	2920846	89.13%	4.796%
19	19.859	19.800	19.919	BB	195432	2809431	85.73%	4.613%
20	20.601	20.550	20.664	BB	177486	2620265	79.96%	4.302%
21	21.377	21.330	21.465	BB	137550	2539543	77.49%	4.170%
22	22.366	22.300	22.452	BB	101248	2453185	74.86%	4.028%
Sum of corrected areas:							60904726	

Aliphatic EPH 082925.M Fri Aug 29 08:20:23 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055548.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 11:04
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:05:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 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)	12.075	1683791	10.276 ug/ml
Spiked Amount 50.000		Recovery =	20.55%
12) S 1-chlorooctadecane (S...	13.512	1275820	10.211 ug/ml
Spiked Amount 50.000		Recovery =	20.42%
Target Compounds			
1) T n-Nonane (C9)	3.414	1297407	10.254 ug/ml
2) T n-Decane (C10)	4.672	1304028	10.222 ug/ml
3) T A~Naphthalene (C11.7)	6.392	1470302	10.052 ug/ml
4) T n-Dodecane (C12)	6.848	1321327	10.157 ug/ml
5) T A~2-methylnaphthalene...	7.493	1415527	9.998 ug/ml
6) T n-Tetradecane (C14)	8.685	1343455	10.240 ug/ml
7) T n-Hexadecane (C16)	10.300	1408614	10.233 ug/ml
8) T n-Octadecane (C18)	11.749	1496127	10.301 ug/ml
10) T n-Eicosane (C20)	13.064	1475555	10.302 ug/ml
11) T n-Heneicosane (C21)	13.678	1469033	10.322 ug/ml
13) T n-Docosane (C22)	14.266	1474035	10.330 ug/ml
14) T n-Tetracosane (C24)	15.373	1491136	10.329 ug/ml
15) T n-Hexacosane (C26)	16.397	1473454	10.343 ug/ml
16) T n-Octacosane (C28)	17.349	1471739	10.411 ug/ml
17) T n-Tricontane (C30)	18.239	1533792	10.455 ug/ml
18) T n-Dotriacontane (C32)	19.073	1522069	10.422 ug/ml
19) T n-Tetratriacontane (C34)	19.859	1463167	10.416 ug/ml
20) T n-Hexatriacontane (C36)	20.600	1373755	10.486 ug/ml
21) T n-Octatriacontane (C38)	21.377	1388003	10.931 ug/ml
22) T n-Tetracontane (C40)	22.361	1365028	11.129 ug/ml

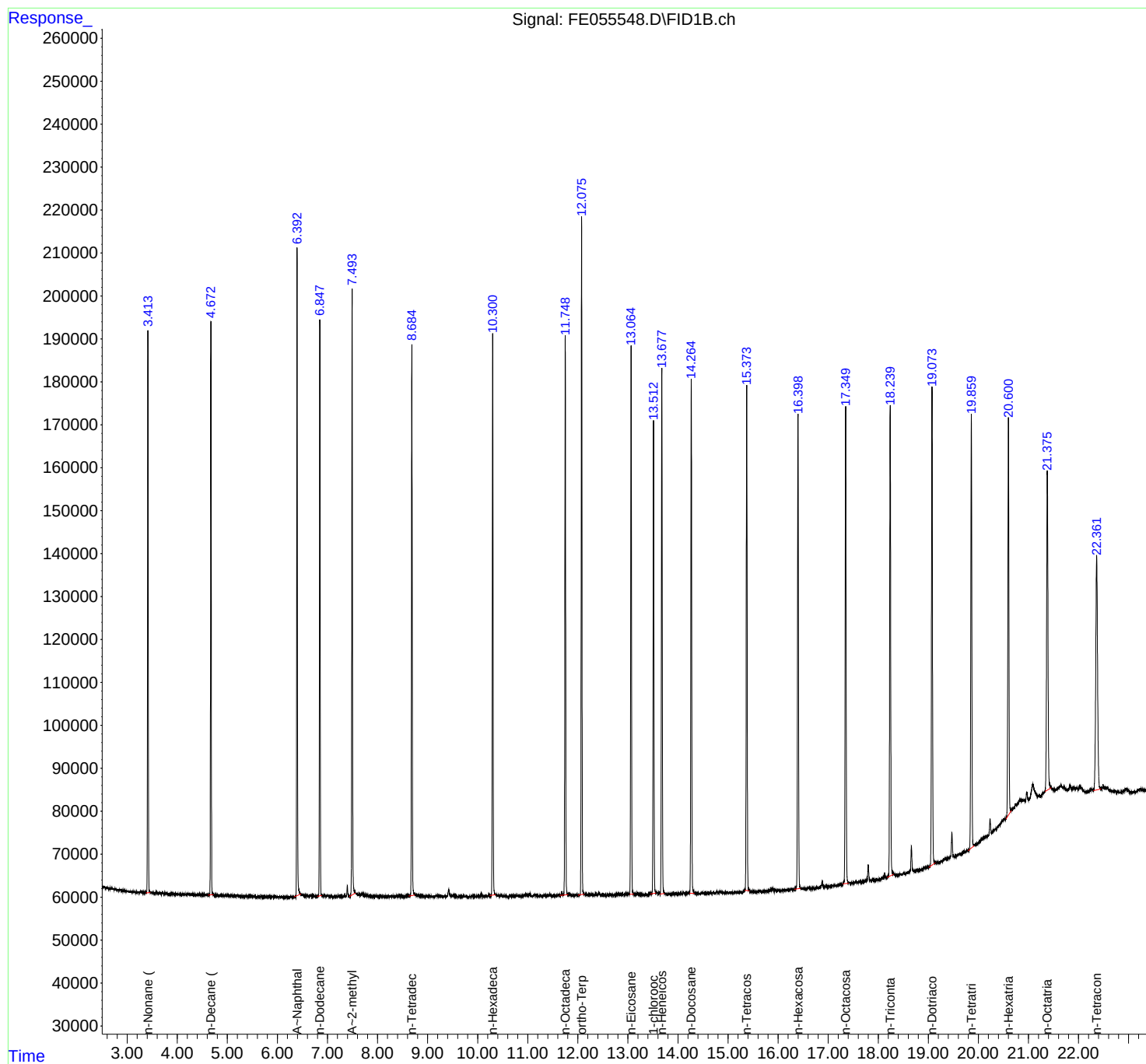
(f)=RT Delta > 1/2 Window

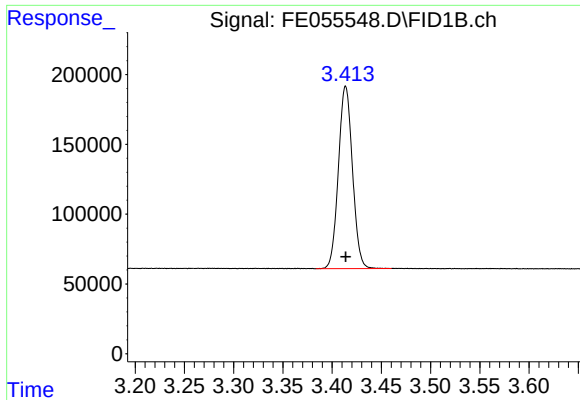
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055548.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 11:04
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:05:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:03:47 2025
Response via : Initial Calibration
Integrator: ChemStation

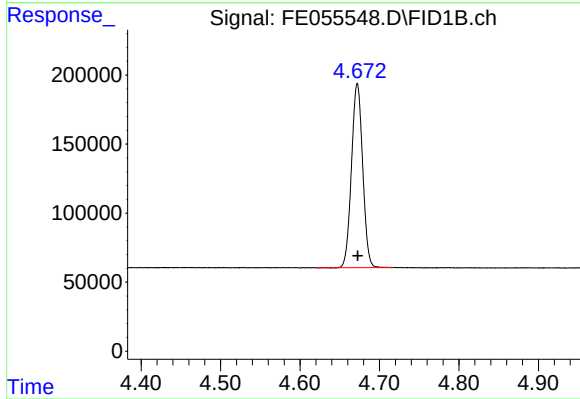
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





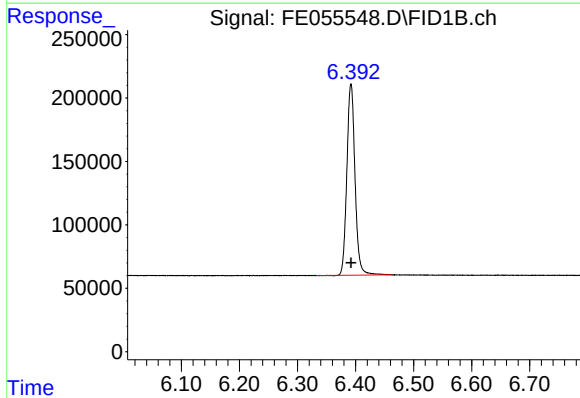
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 1297407
Conc: 10.25 ug/ml



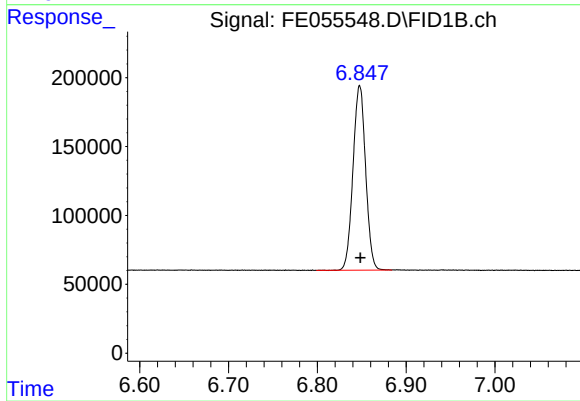
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1304028
Conc: 10.22 ug/ml



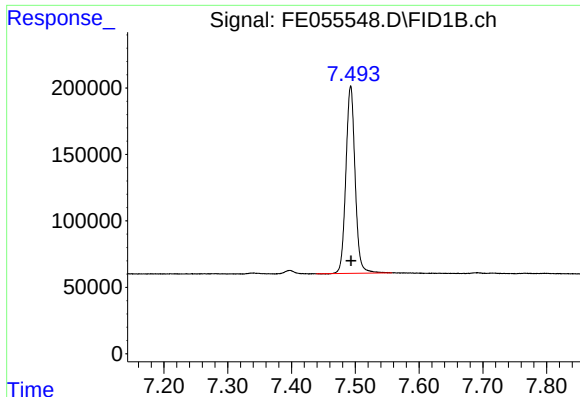
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 1470302
Conc: 10.05 ug/ml



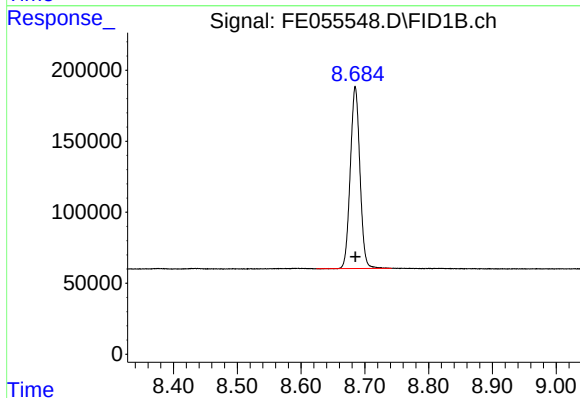
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 1321327
Conc: 10.16 ug/ml



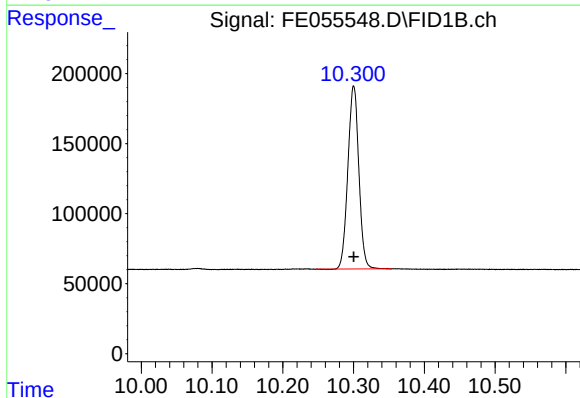
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 1415527
Conc: 10.00 ug/ml



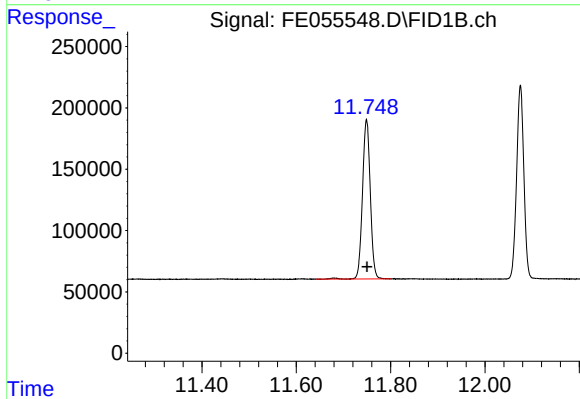
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 1343455
Conc: 10.24 ug/ml



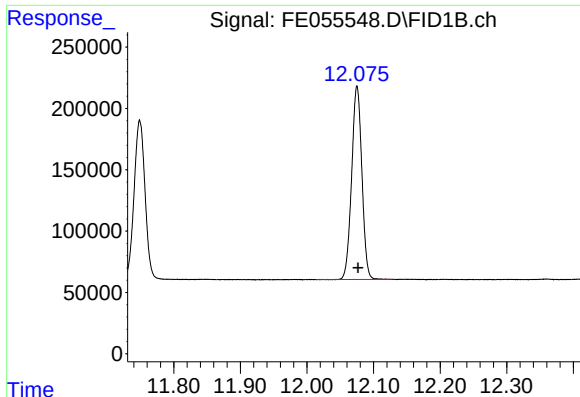
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 1408614
Conc: 10.23 ug/ml



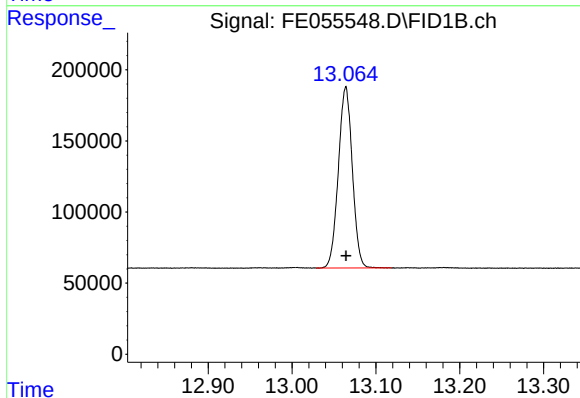
#8 n-Octadecane (C18)

R.T.: 11.749 min
Delta R.T.: -0.001 min
Response: 1496127
Conc: 10.30 ug/ml



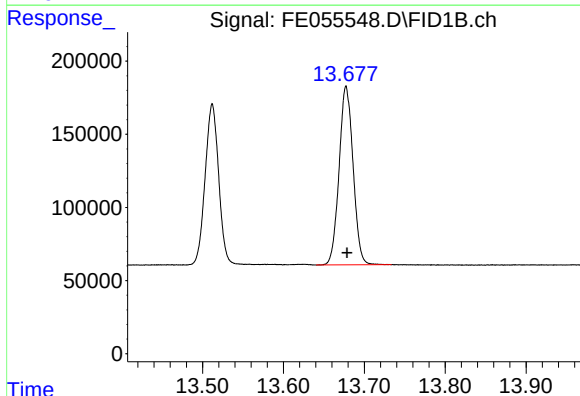
#9 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: -0.001 min
Response: 1683791
Conc: 10.28 ug/ml



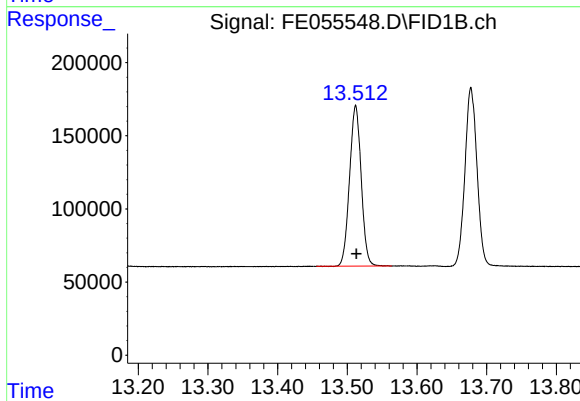
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 1475555
Conc: 10.30 ug/ml



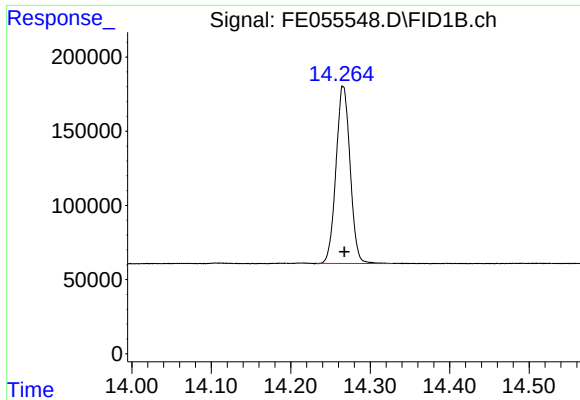
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: -0.001 min
Response: 1469033
Conc: 10.32 ug/ml



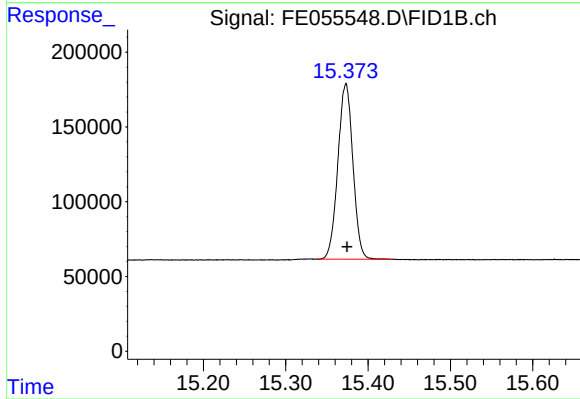
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.000 min
Response: 1275820
Conc: 10.21 ug/ml



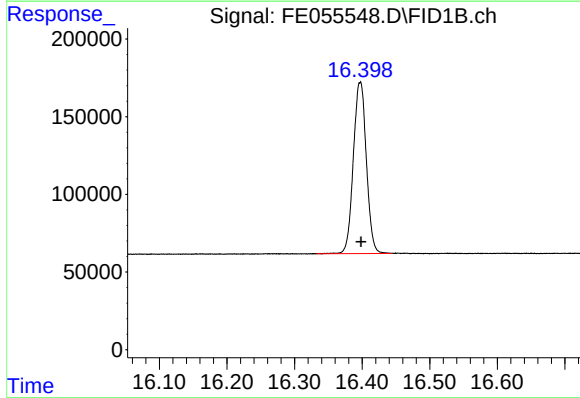
#13 n-Docosane (C22)

R.T.: 14.266 min
Delta R.T.: -0.001 min
Response: 1474035
Conc: 10.33 ug/ml



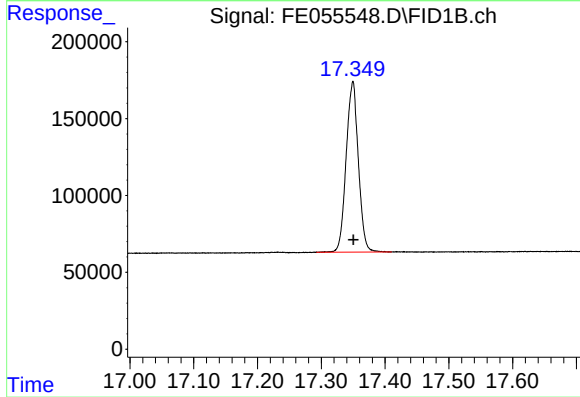
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.002 min
Response: 1491136
Conc: 10.33 ug/ml



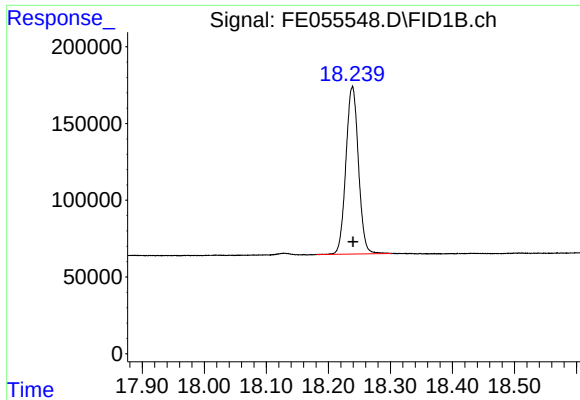
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: -0.001 min
Response: 1473454
Conc: 10.34 ug/ml



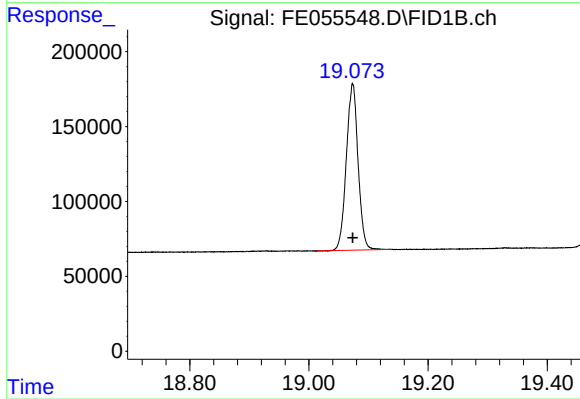
#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: -0.001 min
Response: 1471739
Conc: 10.41 ug/ml



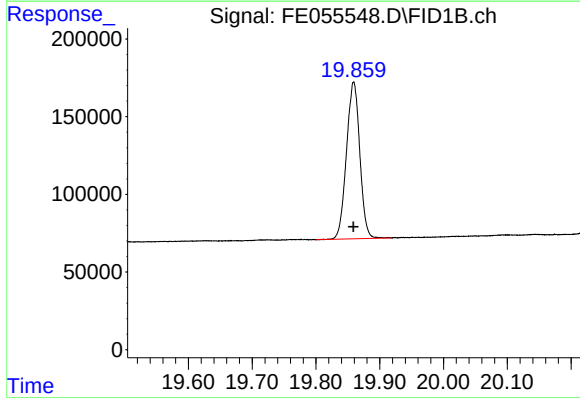
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.000 min
Response: 1533792
Conc: 10.46 ug/ml



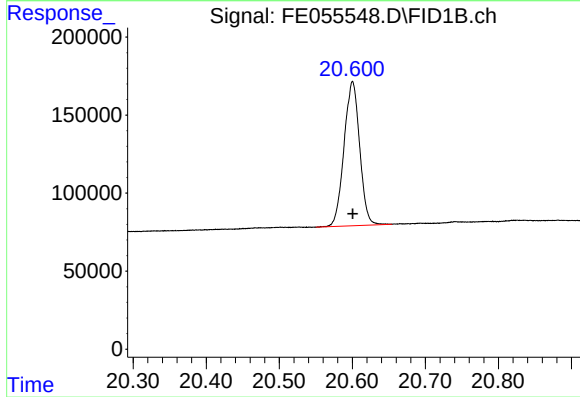
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.000 min
Response: 1522069
Conc: 10.42 ug/ml



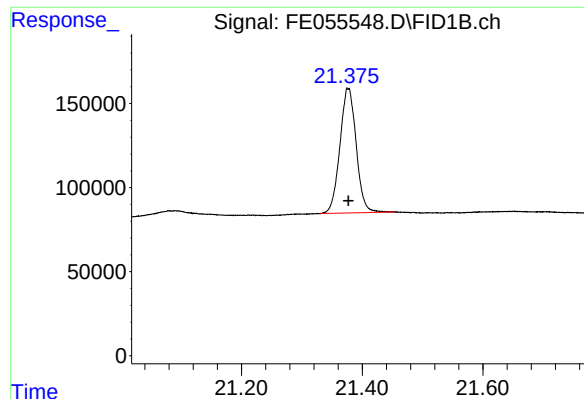
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 1463167
Conc: 10.42 ug/ml



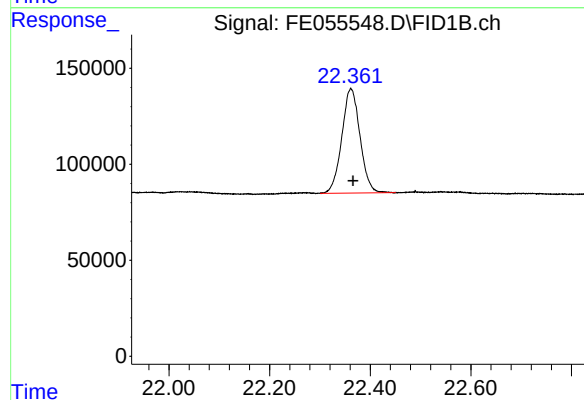
#20 n-Hexatriacontane (C36)

R.T.: 20.600 min
Delta R.T.: 0.000 min
Response: 1373755
Conc: 10.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.000 min
Response: 1388003
Conc: 10.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.361 min
Delta R.T.: -0.004 min
Response: 1365028
Conc: 11.13 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055548.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 11:04
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	3.414	3.384	3.460	BB	130798	1297407	77.05%	4.117%
2	4.672	4.620	4.715	BB	133425	1304028	77.45%	4.138%
3	6.392	6.332	6.462	BB	150789	1470302	87.32%	4.665%
4	6.848	6.799	6.884	BB	134252	1321327	78.47%	4.192%
5	7.493	7.439	7.557	BB	140806	1415527	84.07%	4.491%
6	8.685	8.624	8.742	BB	128024	1343455	79.79%	4.263%
7	10.300	10.247	10.354	BB	130902	1408614	83.66%	4.469%
8	11.749	11.642	11.802	BB	129971	1496127	88.85%	4.747%
9	12.075	12.014	12.127	BB	157783	1683791	100.00%	5.342%
10	13.064	13.029	13.119	BB	127073	1475555	87.63%	4.682%
11	13.512	13.455	13.564	BB	110048	1275820	75.77%	4.048%
12	13.678	13.640	13.734	BB	121902	1469033	87.25%	4.661%
13	14.266	14.232	14.327	BB	119744	1474035	87.54%	4.677%
14	15.373	15.337	15.429	BB	117960	1491136	88.56%	4.731%
15	16.397	16.332	16.444	BB	109997	1473454	87.51%	4.675%
16	17.349	17.292	17.410	BB	110557	1471739	87.41%	4.670%
17	18.239	18.180	18.302	BB	109085	1533792	91.09%	4.867%
18	19.073	19.012	19.139	BB	111079	1522069	90.40%	4.829%
19	19.859	19.800	19.919	BB	100910	1463167	86.90%	4.642%
20	20.600	20.550	20.654	BB	92570	1373755	81.59%	4.359%
21	21.377	21.330	21.455	BB	73527	1388003	82.43%	4.404%
22	22.361	22.300	22.450	BB	54391	1365028	81.07%	4.331%
Sum of corrected areas:							31517164	

Aliphatic EPH 082925.M Fri Aug 29 08:20:39 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055549.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 11:35
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:06:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 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)	12.075	886867	5.413 ug/ml
Spiked Amount 50.000		Recovery =	10.83%
12) S 1-chlorooctadecane (S...	13.512	664532	5.319 ug/ml
Spiked Amount 50.000		Recovery =	10.64%
Target Compounds			
1) T n-Nonane (C9)	3.414	682963	5.398 ug/ml
2) T n-Decane (C10)	4.672	684967	5.369 ug/ml
3) T A~Naphthalene (C11.7)	6.393	756034	5.169 ug/ml
4) T n-Dodecane (C12)	6.848	694116	5.336 ug/ml
5) T A~2-methylnaphthalene...	7.493	725045	5.121 ug/ml
6) T n-Tetradecane (C14)	8.685	706684	5.386 ug/ml
7) T n-Hexadecane (C16)	10.300	740047	5.376 ug/ml
8) T n-Octadecane (C18)	11.747	784075	5.398 ug/mlm
10) T n-Eicosane (C20)	13.063	774768	5.409 ug/ml
11) T n-Heneicosane (C21)	13.678	763149	5.362 ug/ml
13) T n-Docosane (C22)	14.267	764471	5.357 ug/ml
14) T n-Tetracosane (C24)	15.372	780260	5.405 ug/ml
15) T n-Hexacosane (C26)	16.397	772166	5.420 ug/ml
16) T n-Octacosane (C28)	17.349	781247	5.527 ug/ml
17) T n-Tricontane (C30)	18.239	832675	5.676 ug/ml
18) T n-Dotriacontane (C32)	19.073	833273	5.706 ug/ml
19) T n-Tetratriacontane (C34)	19.859	790611	5.628 ug/ml
20) T n-Hexatriacontane (C36)	20.600	718429	5.484 ug/ml
21) T n-Octatriacontane (C38)	21.377	710550	5.596 ug/ml
22) T n-Tetracontane (C40)	22.366	716186	5.839 ug/ml

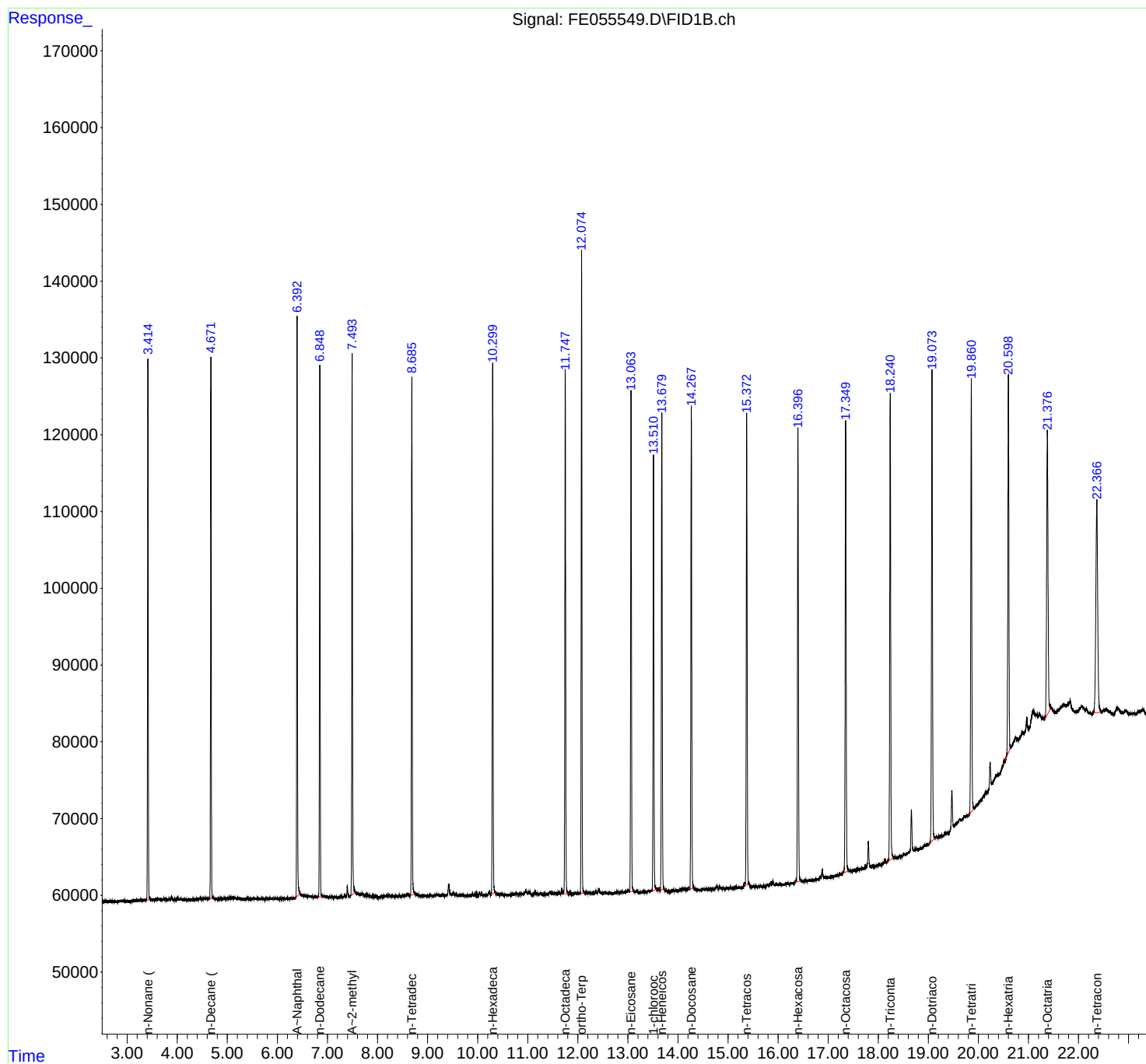
(f)=RT Delta > 1/2 Window

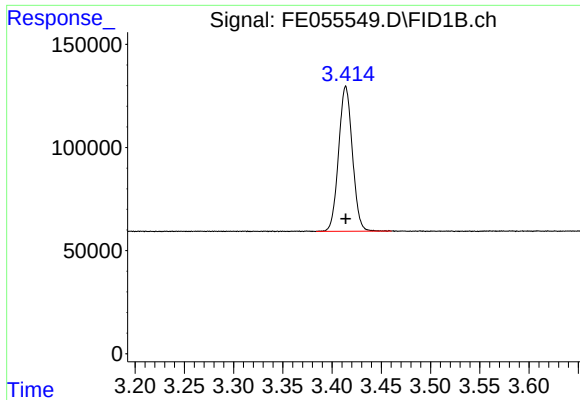
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055549.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 11:35
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:06:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:03:47 2025
Response via : Initial Calibration
Integrator: ChemStation

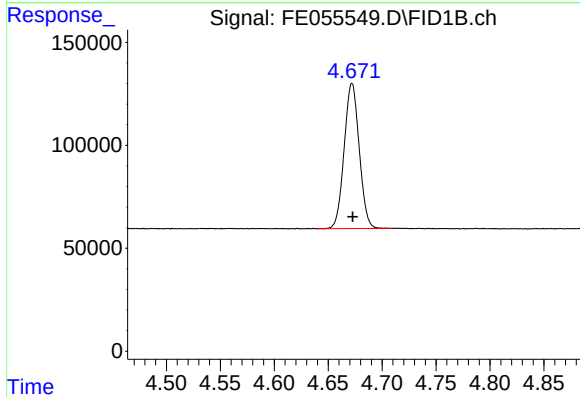
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





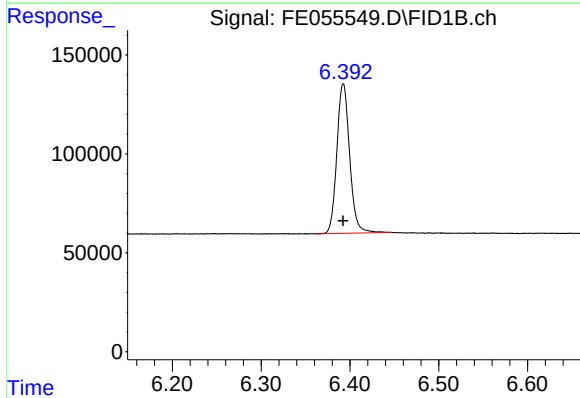
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 682963
Conc: 5.40 ug/ml



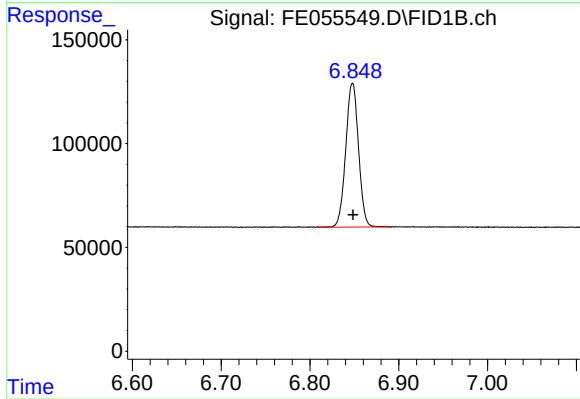
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 684967
Conc: 5.37 ug/ml



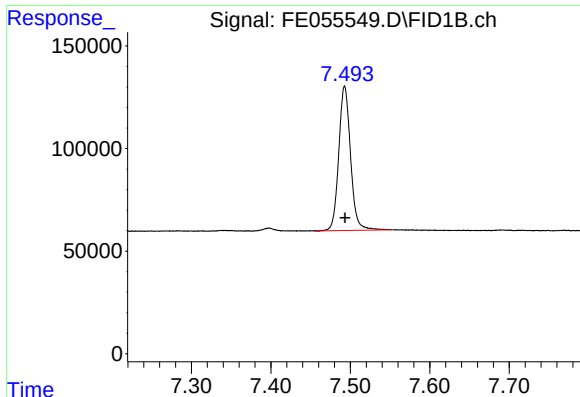
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 756034
Conc: 5.17 ug/ml



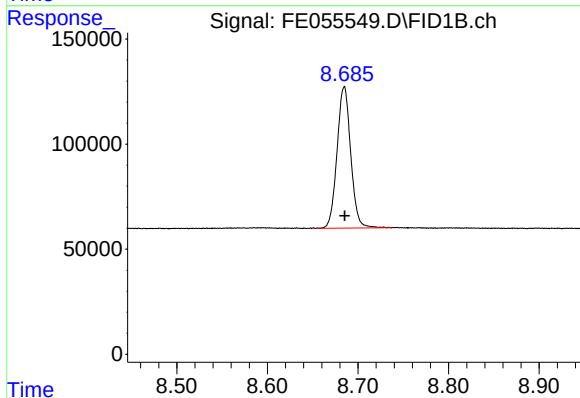
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 694116
Conc: 5.34 ug/ml



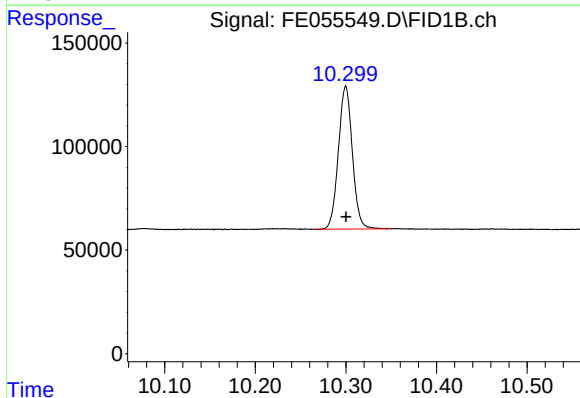
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 725045
Conc: 5.12 ug/ml



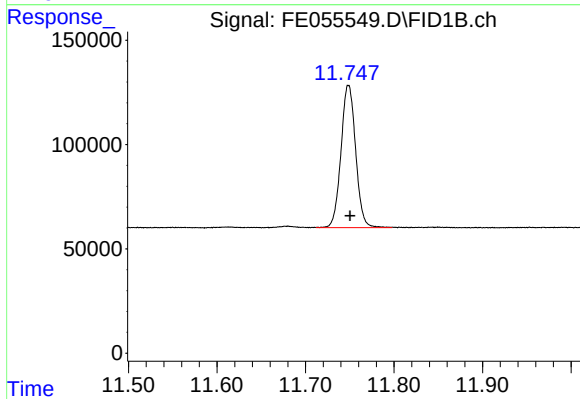
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 706684
Conc: 5.39 ug/ml



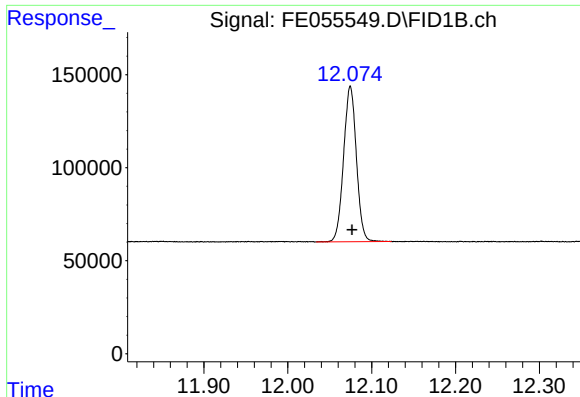
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 740047
Conc: 5.38 ug/ml



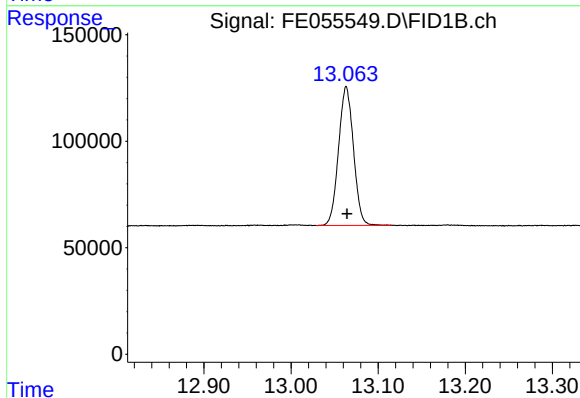
#8 n-Octadecane (C18)

R.T.: 11.747 min
Delta R.T.: -0.003 min
Response: 784075
Conc: 5.40 ug/ml m



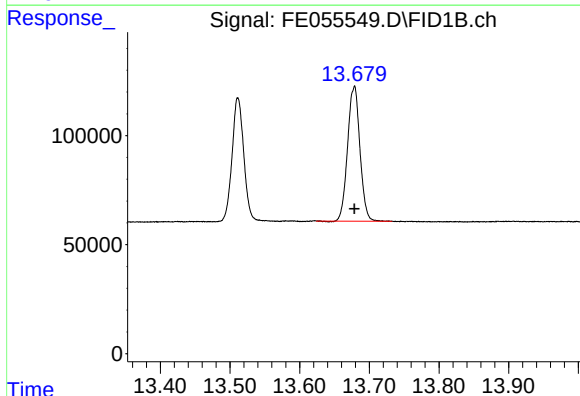
#9 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: -0.002 min
Response: 886867
Conc: 5.41 ug/ml



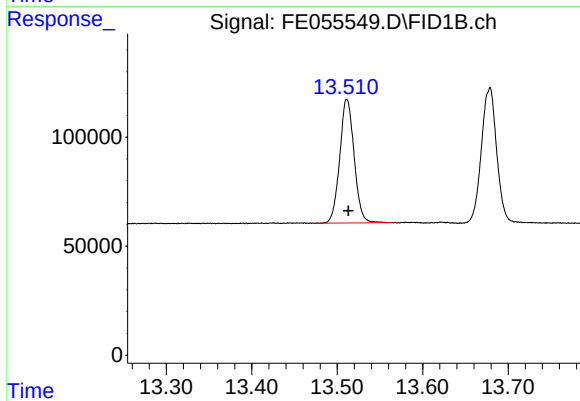
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: 0.000 min
Response: 774768
Conc: 5.41 ug/ml



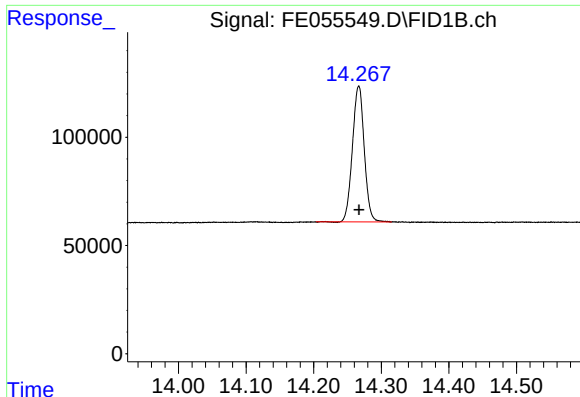
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.000 min
Response: 763149
Conc: 5.36 ug/ml



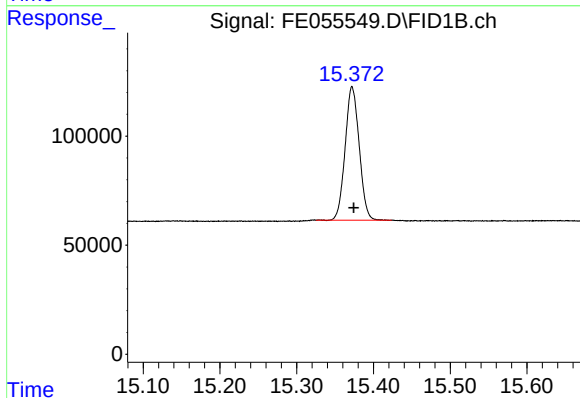
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: -0.001 min
Response: 664532
Conc: 5.32 ug/ml



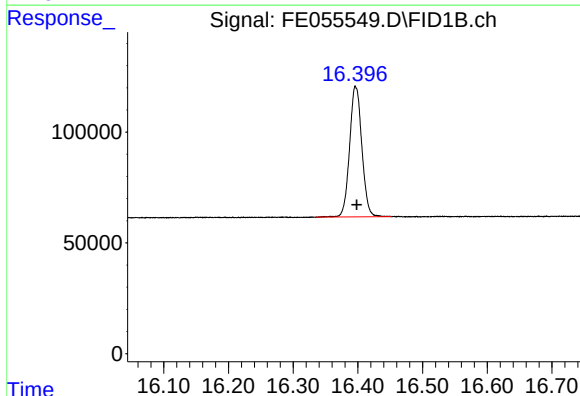
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 764471
Conc: 5.36 ug/ml



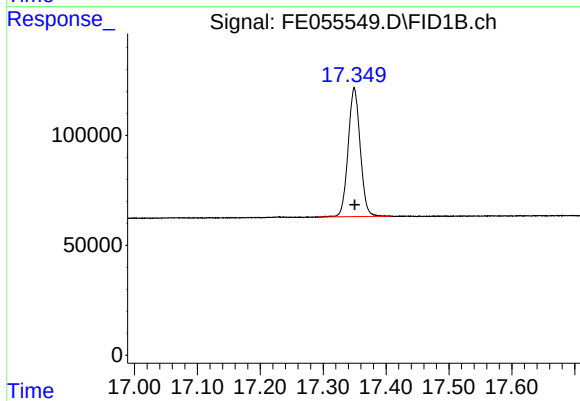
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.002 min
Response: 780260
Conc: 5.40 ug/ml



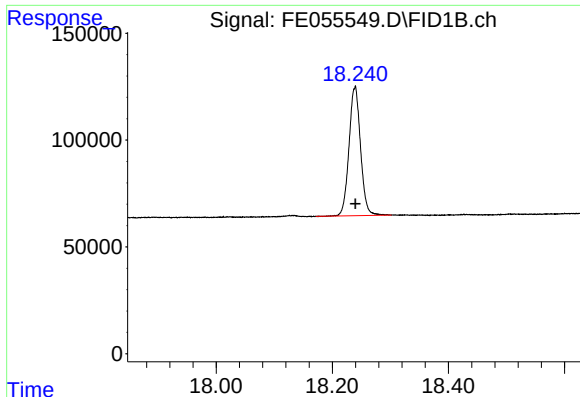
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: -0.002 min
Response: 772166
Conc: 5.42 ug/ml



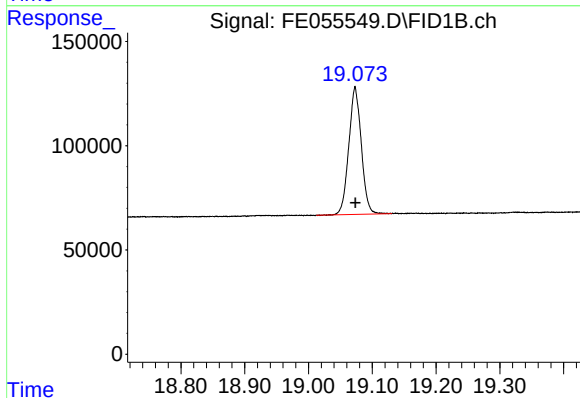
#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: 0.000 min
Response: 781247
Conc: 5.53 ug/ml



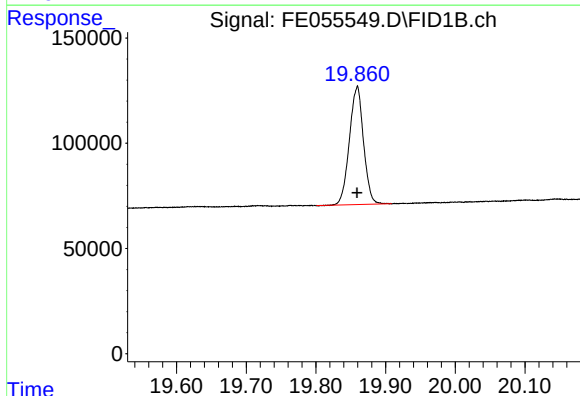
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.000 min
Response: 832675
Conc: 5.68 ug/ml



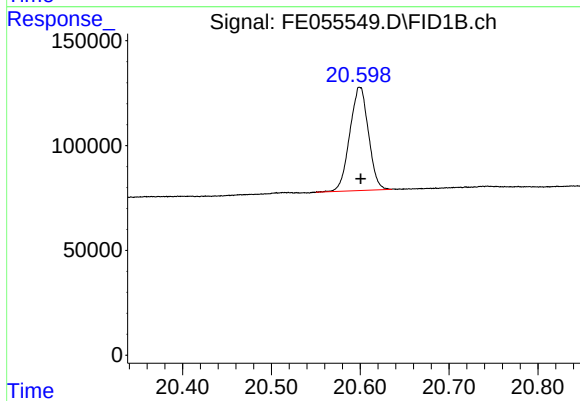
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.000 min
Response: 833273
Conc: 5.71 ug/ml



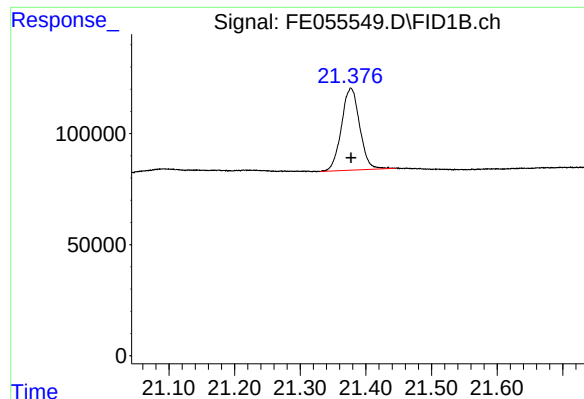
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 790611
Conc: 5.63 ug/ml



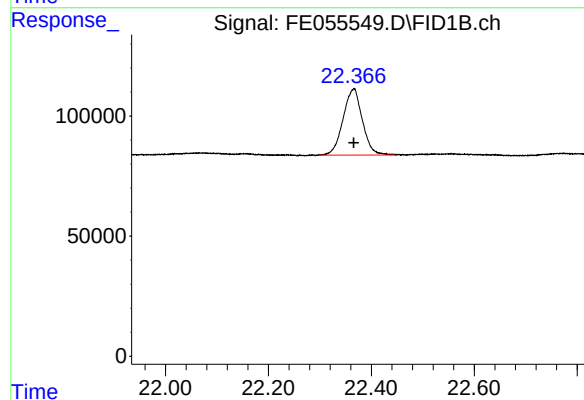
#20 n-Hexatriacontane (C36)

R.T.: 20.600 min
Delta R.T.: 0.000 min
Response: 718429
Conc: 5.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.000 min
Response: 710550
Conc: 5.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.366 min
Delta R.T.: 0.000 min
Response: 716186
Conc: 5.84 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055549.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 11:35
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	3.414	3.384	3.460	BB	70259	682963	77.01%	4.122%
2	4.672	4.639	4.709	BB	70608	684967	77.23%	4.134%
3	6.393	6.362	6.447	BB	75611	756034	85.25%	4.563%
4	6.848	6.807	6.892	BB	69651	694116	78.27%	4.190%
5	7.493	7.457	7.552	BB	70352	725045	81.75%	4.376%
6	8.685	8.654	8.737	BB	67688	706684	79.68%	4.266%
7	10.300	10.267	10.350	BB	69252	740047	83.45%	4.467%
8	11.749	11.650	11.795	BB	68020	788112	88.86%	4.757%
9	12.075	12.034	12.124	BB	83581	886867	100.00%	5.353%
10	13.063	13.029	13.115	BB	65247	774768	87.36%	4.677%
11	13.512	13.475	13.564	BB	56510	664532	74.93%	4.011%
12	13.678	13.624	13.732	BB	62212	763149	86.05%	4.606%
13	14.267	14.204	14.315	BB	62912	764471	86.20%	4.614%
14	15.372	15.325	15.424	BB	61236	780260	87.98%	4.710%
15	16.397	16.335	16.452	BB	58389	772166	87.07%	4.661%
16	17.349	17.289	17.409	BB	58577	781247	88.09%	4.716%
17	18.239	18.172	18.302	BB	59961	832675	93.89%	5.026%
18	19.073	19.012	19.130	BB	61228	833273	93.96%	5.030%
19	19.859	19.800	19.909	BB	55777	790611	89.15%	4.772%
20	20.600	20.550	20.635	BB	49396	718429	81.01%	4.336%
21	21.377	21.330	21.445	BB	37049	710550	80.12%	4.289%
22	22.366	22.300	22.447	BB	27611	716186	80.75%	4.323%
Sum of corrected areas:							16567149	

Aliphatic EPH 082925.M Fri Aug 29 08:20:52 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055550.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 12:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:12:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	3229983	19.661 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	13.513	2465273	19.715 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.414	2507578	19.760 ug/ml
2) T n-Decane (C10)	4.672	2532591	19.771 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2890578	19.895 ug/ml
4) T n-Dodecane (C12)	6.848	2567645	19.719 ug/ml
5) T A~2-methylnaphthalene...	7.493	2786377	19.811 ug/ml
6) T n-Tetradecane (C14)	8.685	2590138	19.668 ug/ml
7) T n-Hexadecane (C16)	10.300	2724449	19.672 ug/ml
8) T n-Octadecane (C18)	11.750	2861977	19.621 ug/ml
10) T n-Eicosane (C20)	13.065	2831312	19.669 ug/ml
11) T n-Heneicosane (C21)	13.679	2814220	19.701 ug/ml
13) T n-Docosane (C22)	14.267	2821284	19.709 ug/ml
14) T n-Tetracosane (C24)	15.374	2844427	19.658 ug/ml
15) T n-Hexacosane (C26)	16.398	2808359	19.658 ug/ml
16) T n-Octacosane (C28)	17.350	2785687	19.585 ug/ml
17) T n-Tricontane (C30)	18.239	2862102	19.362 ug/ml
18) T n-Dotriacontane (C32)	19.074	2802761	19.096 ug/ml
19) T n-Tetratriacontane (C34)	19.859	2710350	19.184 ug/ml
20) T n-Hexatriacontane (C36)	20.600	2544869	19.286 ug/ml
21) T n-Octatriacontane (C38)	21.378	2554442	19.613 ug/ml
22) T n-Tetracontane (C40)	22.365	2529947	19.728 ug/ml

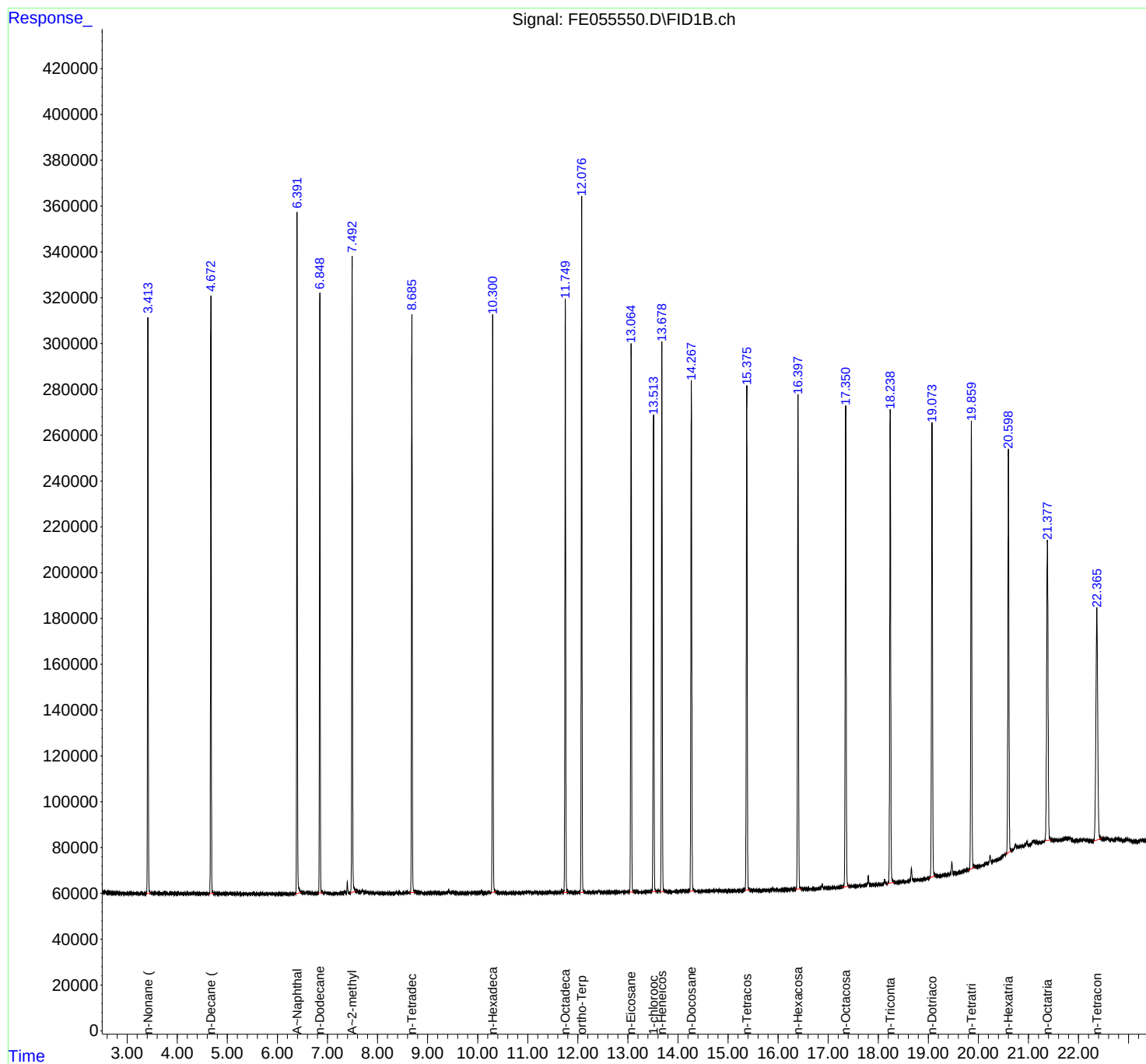
(f)=RT Delta > 1/2 Window

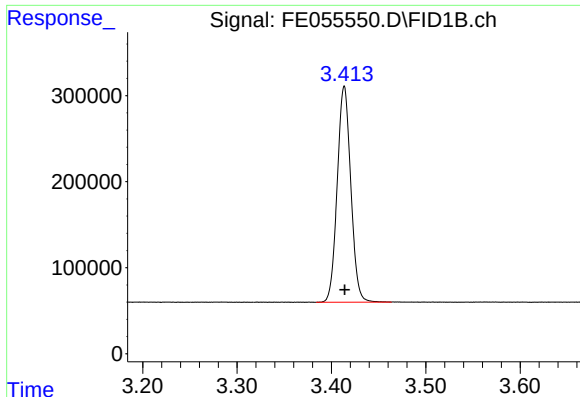
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055550.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 12:05
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:12:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

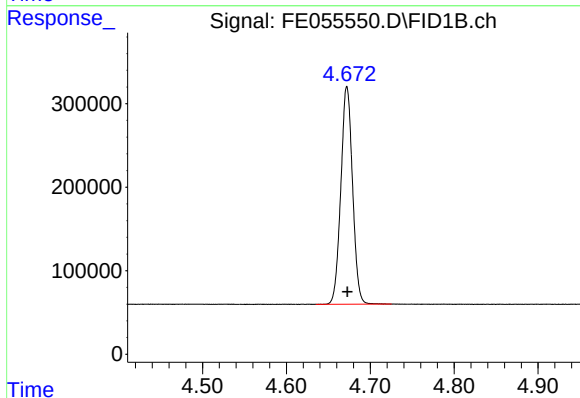
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





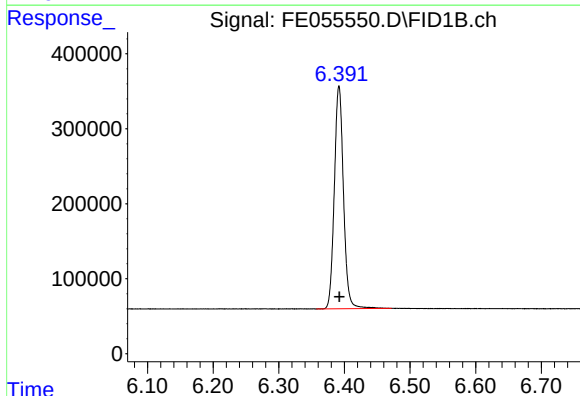
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2507578
Conc: 19.76 ug/ml



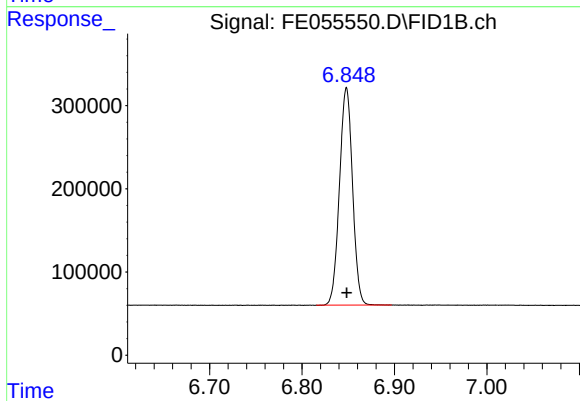
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2532591
Conc: 19.77 ug/ml



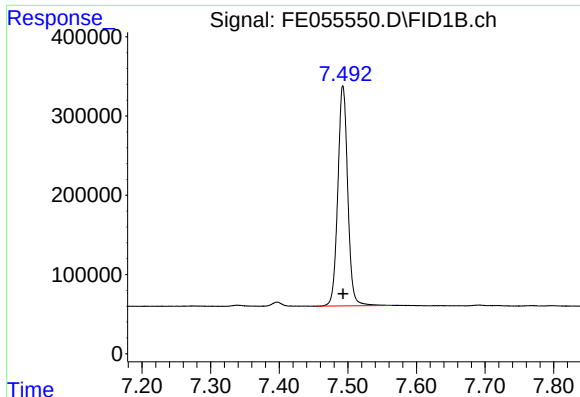
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2890578
Conc: 19.90 ug/ml



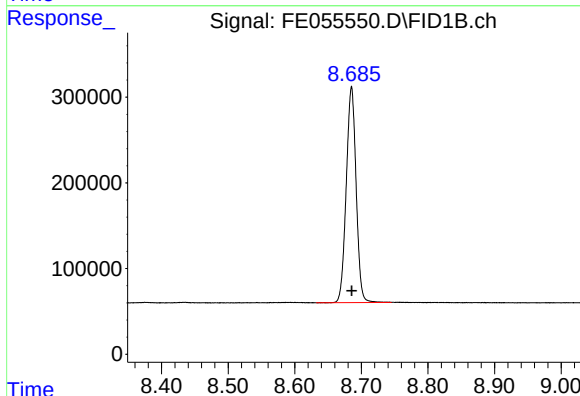
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 2567645
Conc: 19.72 ug/ml



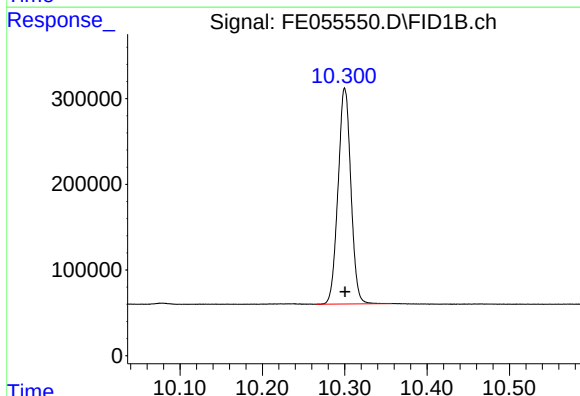
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 2786377
Conc: 19.81 ug/ml



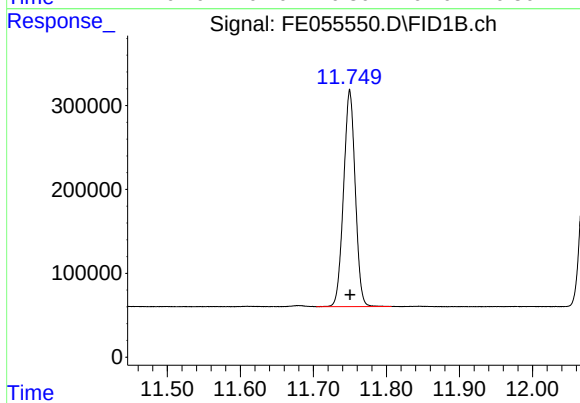
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 2590138
Conc: 19.67 ug/ml



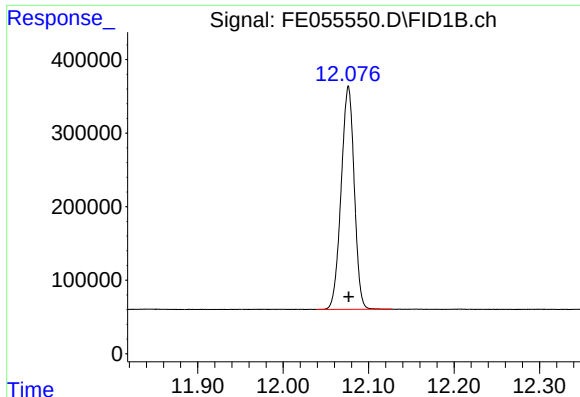
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 2724449
Conc: 19.67 ug/ml



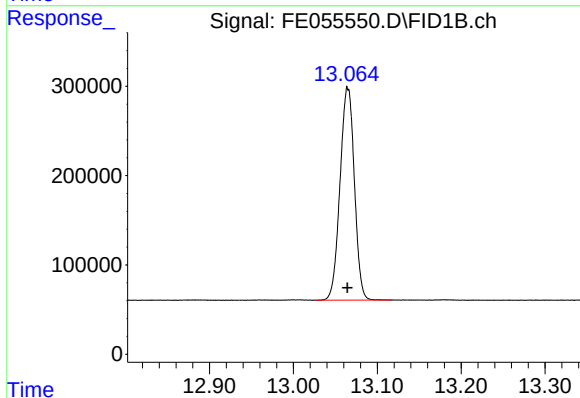
#8 n-Octadecane (C18)

R.T.: 11.750 min
Delta R.T.: 0.000 min
Response: 2861977
Conc: 19.62 ug/ml



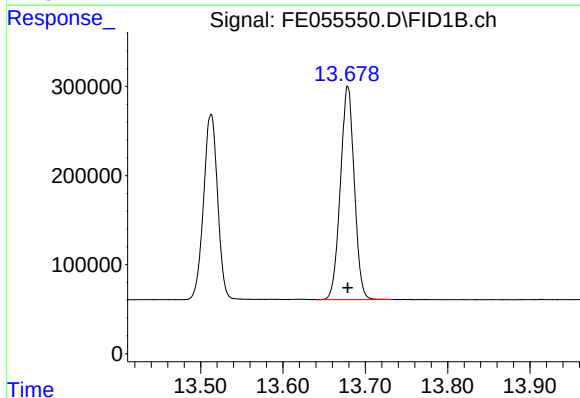
#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.000 min
Response: 3229983
Conc: 19.66 ug/ml



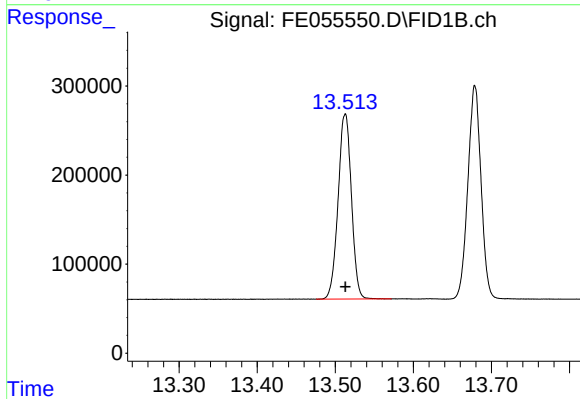
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: 0.000 min
Response: 2831312
Conc: 19.67 ug/ml



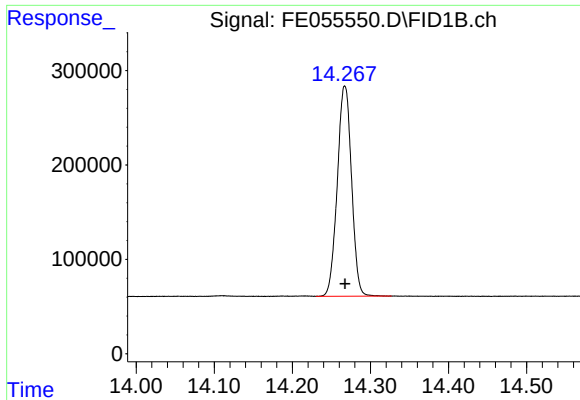
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 2814220
Conc: 19.70 ug/ml



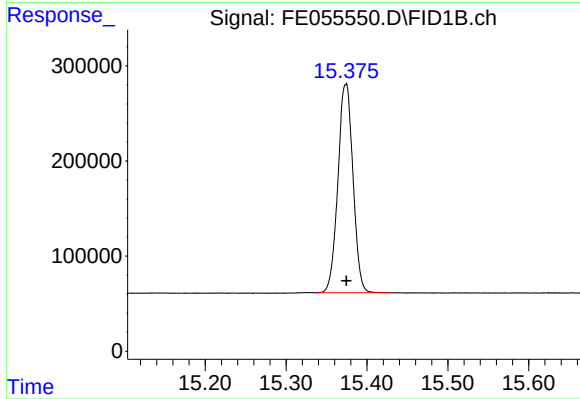
#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 2465273
Conc: 19.72 ug/ml



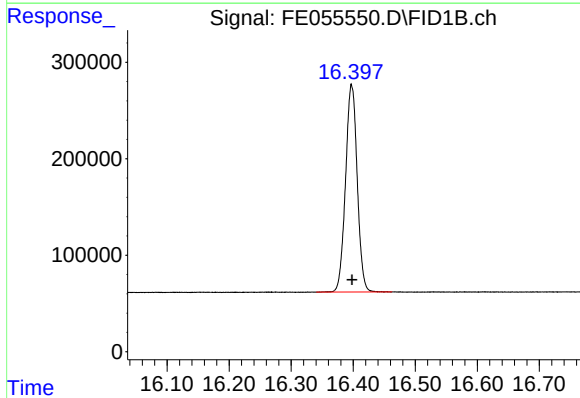
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 2821284
Conc: 19.71 ug/ml



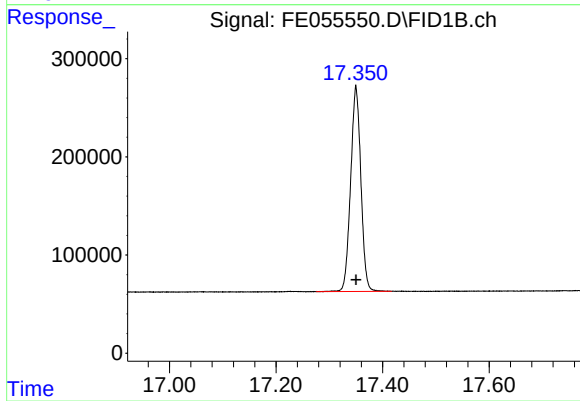
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: 0.000 min
Response: 2844427
Conc: 19.66 ug/ml



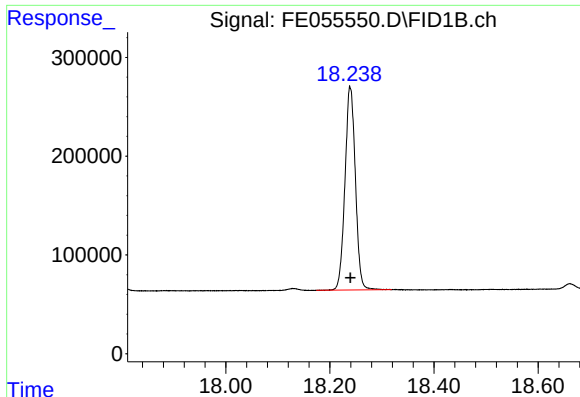
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 2808359
Conc: 19.66 ug/ml



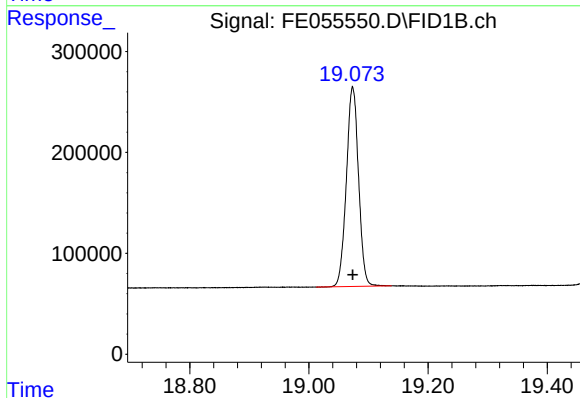
#16 n-Octacosane (C28)

R.T.: 17.350 min
Delta R.T.: 0.000 min
Response: 2785687
Conc: 19.58 ug/ml



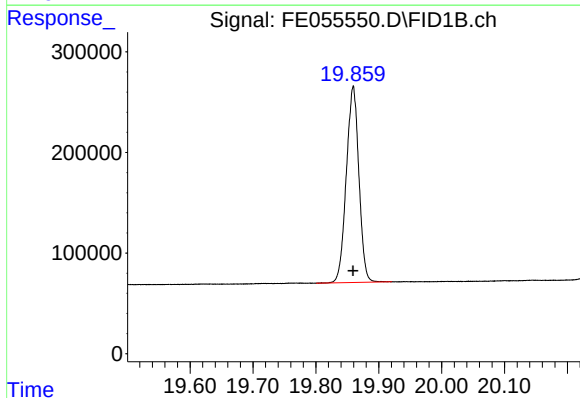
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.000 min
Response: 2862102
Conc: 19.36 ug/ml



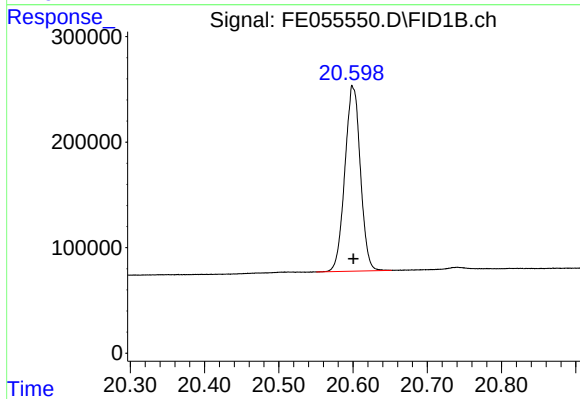
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 2802761
Conc: 19.10 ug/ml



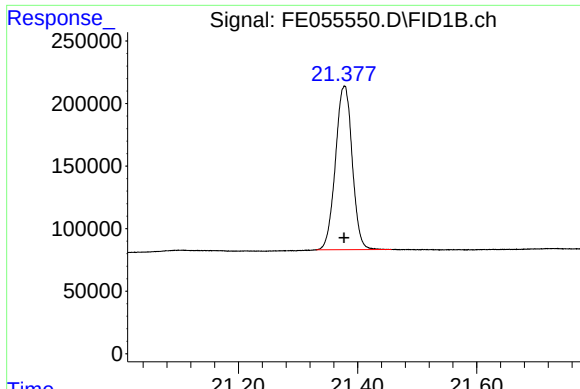
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 2710350
Conc: 19.18 ug/ml



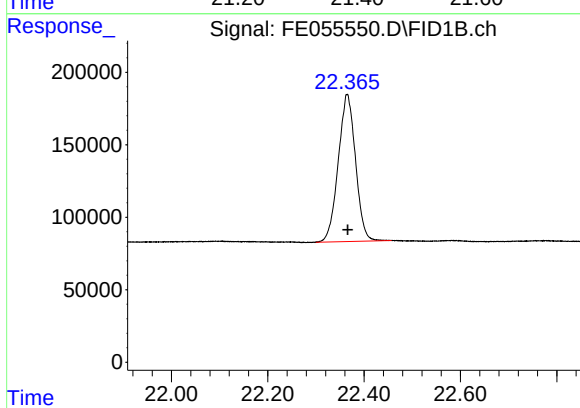
#20 n-Hexatriacontane (C36)

R.T.: 20.600 min
Delta R.T.: 0.000 min
Response: 2544869
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.000 min
Response: 2554442
Conc: 19.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.365 min
Delta R.T.: 0.000 min
Response: 2529947
Conc: 19.73 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055550.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 12:05
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	3.414	3.384	3.464	BB	251357	2507578	77.63%	4.175%
2	4.672	4.635	4.725	BB	260573	2532591	78.41%	4.216%
3	6.392	6.357	6.472	BB	297481	2890578	89.49%	4.812%
4	6.848	6.815	6.897	BB	262238	2567645	79.49%	4.275%
5	7.493	7.454	7.564	BB	277244	2786377	86.27%	4.639%
6	8.685	8.632	8.745	BB	252357	2590138	80.19%	4.312%
7	10.300	10.265	10.357	BB	251404	2724449	84.35%	4.536%
8	11.750	11.704	11.807	BB	257841	2861977	88.61%	4.765%
9	12.076	12.039	12.127	BB	304411	3229983	100.00%	5.377%
10	13.065	13.027	13.117	BB	236143	2831312	87.66%	4.714%
11	13.513	13.475	13.572	BB	207421	2465273	76.32%	4.104%
12	13.679	13.640	13.732	BB	240042	2814220	87.13%	4.685%
13	14.267	14.230	14.327	BB	222895	2821284	87.35%	4.697%
14	15.374	15.337	15.430	BB	219174	2844427	88.06%	4.735%
15	16.398	16.340	16.462	BB	215209	2808359	86.95%	4.675%
16	17.350	17.275	17.417	BB	208676	2785687	86.24%	4.638%
17	18.239	18.174	18.319	BB	205539	2862102	88.61%	4.765%
18	19.074	19.012	19.139	BB	197740	2802761	86.77%	4.666%
19	19.859	19.800	19.920	BB	194612	2710350	83.91%	4.512%
20	20.600	20.550	20.652	BB	173023	2544869	78.79%	4.237%
21	21.378	21.330	21.457	BB	130696	2554442	79.09%	4.253%
22	22.365	22.300	22.457	BB	101395	2529947	78.33%	4.212%
Sum of corrected areas:							60066348	

Aliphatic EPH 082925.M Fri Aug 29 08:21:09 2025

Continuing Calibration Report for SequenceID : FE090425AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE055656.D

Aliphatic C9-C12	7825865.000	60.000	3.312	6.946	130431.083	128403.808	-1.579
Aliphatic C12-C16	5551813.000	40.000	6.947	10.398	138795.325	135095.243	-2.739
Aliphatic C16-C21	8917104.000	60.000	10.399	13.777	148618.400	144217.196	-3.052
Aliphatic C21-C28	11941564.000	80.000	13.778	17.448	149269.550	143235.734	-4.213
Aliphatic C28-C40	17283477.000	120.000	17.449	22.463	144028.975	137719.667	-4.581
Aliphatic EPH	51519823.000	360.000	3.312	22.463	143110.619	138184.135	-3.565

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	04 Sep 2025 08:43
Client Sample ID:		Operator:	YPAJ
Data file:	FE055656.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.312	6.946	7825865.000	60.000	ug/ml
Aliphatic C12-C16	6.947	10.398	5551813.000	40.000	ug/ml
Aliphatic C16-C21	10.399	13.777	8917104.000	60.000	ug/ml
Aliphatic C21-C28	13.778	17.448	11941564.000	80.000	ug/ml
Aliphatic C28-C40	17.449	22.463	17283477.000	120.000	ug/ml
Aliphatic EPH	3.312	22.463	51519823.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055656.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 08:43
 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: Sep 05 01:23:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.074	3384226	20.600 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
12) S 1-chlorooctadecane (S...	13.510	2540815	20.319 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
Target Compounds			
1) T n-Nonane (C9)	3.412	2530022	19.937 ug/ml
2) T n-Decane (C10)	4.671	2623638	20.482 ug/ml
3) T A~Naphthalene (C11.7)	6.389	2951824	20.317 ug/ml
4) T n-Dodecane (C12)	6.846	2672205	20.522 ug/ml
5) T A~2-methylnaphthalene...	7.490	2866724	20.382 ug/ml
6) T n-Tetradecane (C14)	8.683	2701598	20.514 ug/ml
7) T n-Hexadecane (C16)	10.298	2850215	20.580 ug/ml
8) T n-Octadecane (C18)	11.748	3005253	20.604 ug/ml
10) T n-Eicosane (C20)	13.062	2967370	20.614 ug/ml
11) T n-Heneicosane (C21)	13.677	2944481	20.613 ug/ml
13) T n-Docosane (C22)	14.265	2962195	20.694 ug/ml
14) T n-Tetracosane (C24)	15.372	3017888	20.856 ug/ml
15) T n-Hexacosane (C26)	16.396	2970776	20.795 ug/ml
16) T n-Octacosane (C28)	17.348	2990705	21.026 ug/ml
17) T n-Tricontane (C30)	18.238	3148998	21.303 ug/ml
18) T n-Dotriacontane (C32)	19.073	3188285	21.722 ug/ml
19) T n-Tetratriacontane (C34)	19.858	3040397	21.520 ug/ml
20) T n-Hexatriacontane (C36)	20.599	2760387	20.919 ug/ml
21) T n-Octatriacontane (C38)	21.376	2646085	20.317 ug/ml
22) T n-Tetracontane (C40)	22.363	2499325	19.489 ug/ml

(f)=RT Delta > 1/2 Window

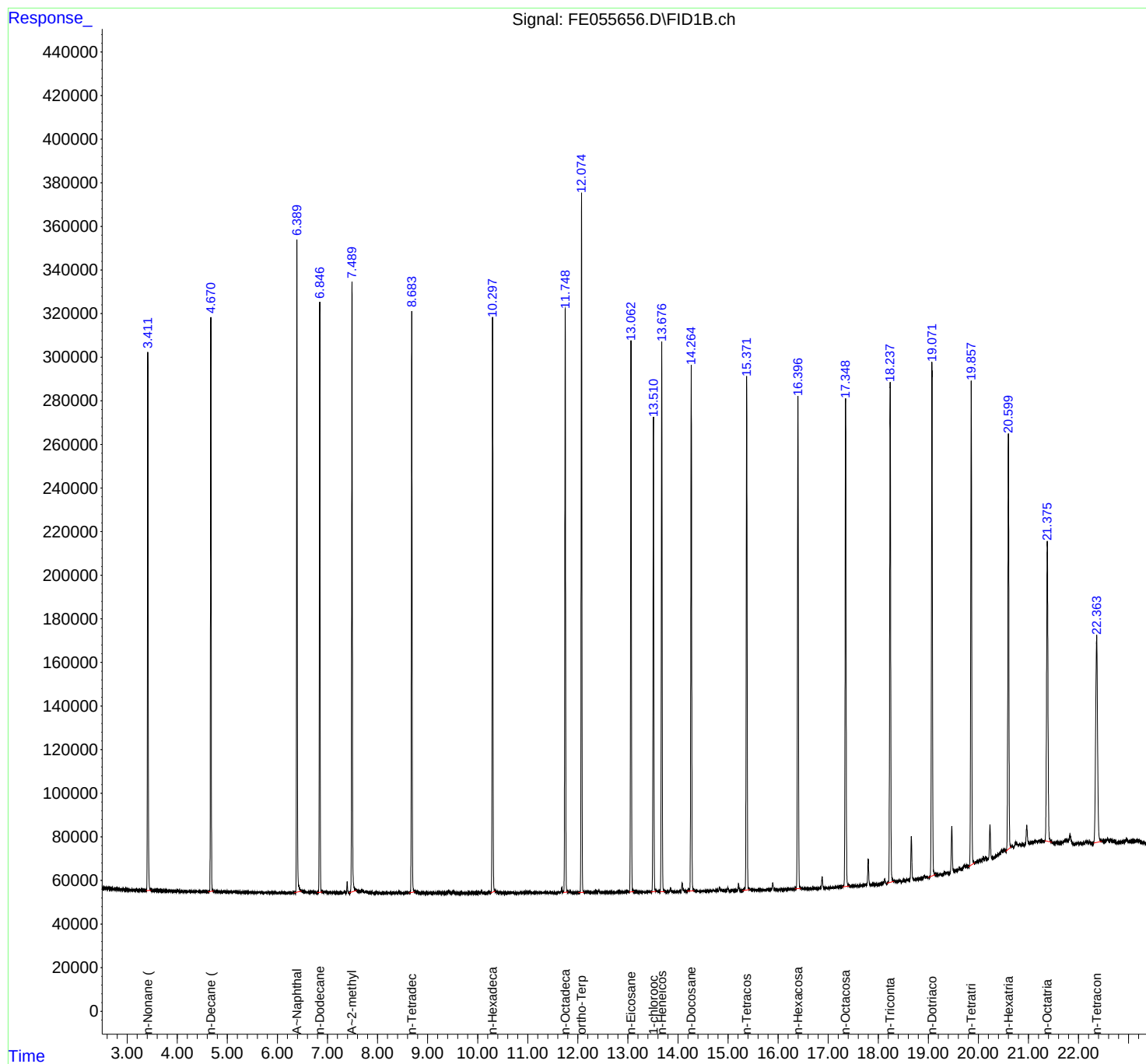
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055656.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 08:43
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: Sep 05 01:23:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055656.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 08:43
 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 082925.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	3.412	3.382	3.474	BB	246674	2530022	74.76%	3.999%
2	4.671	4.620	4.722	BB	263041	2623638	77.53%	4.147%
3	6.389	6.337	6.477	BB	298872	2951824	87.22%	4.666%
4	6.846	6.794	6.897	BB	270657	2672205	78.96%	4.224%
5	7.490	7.427	7.579	BB	279639	2866724	84.71%	4.531%
6	8.683	8.625	8.742	BB	267704	2701598	79.83%	4.270%
7	10.298	10.255	10.352	BB	263850	2850215	84.22%	4.505%
8	11.748	11.707	11.807	BB	266055	3005253	88.80%	4.750%
9	12.074	12.017	12.129	BB	320718	3384226	100.00%	5.349%
10	13.062	13.024	13.119	BB	251286	2967370	87.68%	4.690%
11	13.510	13.455	13.569	BB	217149	2540815	75.08%	4.016%
12	13.677	13.640	13.739	BB	250864	2944481	87.01%	4.654%
13	14.265	14.180	14.329	BB	239817	2962195	87.53%	4.682%
14	15.372	15.285	15.432	BB	232100	3017888	89.18%	4.770%
15	16.396	16.337	16.450	BB	224661	2970776	87.78%	4.696%
16	17.348	17.289	17.425	BB	223837	2990705	88.37%	4.727%
17	18.238	18.174	18.312	BB	227853	3148998	93.05%	4.978%
18	19.073	19.000	19.145	BB	232606	3188285	94.21%	5.040%
19	19.858	19.800	19.922	BB	219832	3040397	89.84%	4.806%
20	20.599	20.550	20.649	BB	190543	2760387	81.57%	4.363%
21	21.376	21.330	21.474	BB	137427	2646085	78.19%	4.183%
22	22.363	22.300	22.464	BB	94475	2499325	73.85%	3.951%
Sum of corrected areas:							63263411	

Aliphatic EPH 082925.M Fri Sep 05 02:04:15 2025

Continuing Calibration Report for SequenceID : FE090425AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE055659.D

Aliphatic C9-C12	7793978.000	60.000	3.312	6.946	129899.633	128403.808	-1.165
Aliphatic C12-C16	5583648.000	40.000	6.947	10.398	139591.200	135095.243	-3.328
Aliphatic C16-C21	8934212.000	60.000	10.399	13.777	148903.533	144217.196	-3.249
Aliphatic C21-C28	11894826.000	80.000	13.778	17.448	148685.325	143235.734	-3.805
Aliphatic C28-C40	17055329.000	120.000	17.449	22.463	142127.742	137719.667	-3.201
Aliphatic EPH	51261993.000	360.000	3.312	22.463	142394.425	138184.135	-3.047

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	04 Sep 2025 11:08
Client Sample ID:		Operator:	YPAJ
Data file:	FE055659.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.312	6.946	7793978.000	60.000	ug/ml
Aliphatic C12-C16	6.947	10.398	5583648.000	40.000	ug/ml
Aliphatic C16-C21	10.399	13.777	8934212.000	60.000	ug/ml
Aliphatic C21-C28	13.778	17.448	11894826.000	80.000	ug/ml
Aliphatic C28-C40	17.449	22.463	17055329.000	120.000	ug/ml
Aliphatic EPH	3.312	22.463	51261993.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055659.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 11:08
 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: Sep 05 01:24:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.073	3386975	20.617 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
12) S 1-chlorooctadecane (S...	13.510	2549839	20.391 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.411	2513128	19.804 ug/ml
2) T n-Decane (C10)	4.670	2606220	20.346 ug/ml
3) T A~Naphthalene (C11.7)	6.389	2962191	20.388 ug/ml
4) T n-Dodecane (C12)	6.846	2674630	20.541 ug/ml
5) T A~2-methylnaphthalene...	7.490	2875199	20.442 ug/ml
6) T n-Tetradecane (C14)	8.683	2712911	20.600 ug/ml
7) T n-Hexadecane (C16)	10.298	2870737	20.728 ug/ml
8) T n-Octadecane (C18)	11.747	3017592	20.688 ug/ml
10) T n-Eicosane (C20)	13.062	2974663	20.665 ug/ml
11) T n-Heneicosane (C21)	13.676	2941957	20.595 ug/ml
13) T n-Docosane (C22)	14.264	2966844	20.726 ug/ml
14) T n-Tetracosane (C24)	15.371	3010268	20.804 ug/ml
15) T n-Hexacosane (C26)	16.394	2958018	20.705 ug/ml
16) T n-Octacosane (C28)	17.348	2959696	20.808 ug/ml
17) T n-Tricontane (C30)	18.237	3100915	20.978 ug/ml
18) T n-Dotriacontane (C32)	19.071	3106188	21.163 ug/ml
19) T n-Tetratriacontane (C34)	19.857	2962046	20.965 ug/ml
20) T n-Hexatriacontane (C36)	20.597	2734327	20.721 ug/ml
21) T n-Octatriacontane (C38)	21.375	2631569	20.206 ug/ml
22) T n-Tetracontane (C40)	22.361	2520284	19.653 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055659.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 11:08
 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 082925.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	3.411	3.375	3.467	BB	249951	2513128	74.20%	3.987%
2	4.670	4.637	4.722	BB	264447	2606220	76.95%	4.134%
3	6.389	6.332	6.480	BB	297261	2962191	87.46%	4.699%
4	6.846	6.813	6.893	BB	272323	2674630	78.97%	4.243%
5	7.490	7.448	7.577	BB	285100	2875199	84.89%	4.561%
6	8.683	8.648	8.748	BB	262250	2712911	80.10%	4.304%
7	10.298	10.260	10.358	BB	265571	2870737	84.76%	4.554%
8	11.747	11.705	11.805	BB	262985	3017592	89.09%	4.787%
9	12.073	12.037	12.132	BB	313164	3386975	100.00%	5.373%
10	13.062	13.020	13.115	BB	253308	2974663	87.83%	4.719%
11	13.510	13.473	13.567	BB	215081	2549839	75.28%	4.045%
12	13.676	13.608	13.735	BB	245486	2941957	86.86%	4.667%
13	14.264	14.187	14.328	BB	244552	2966844	87.60%	4.707%
14	15.371	15.298	15.433	BB	238412	3010268	88.88%	4.775%
15	16.394	16.335	16.458	BB	225209	2958018	87.34%	4.693%
16	17.348	17.288	17.423	BB	214455	2959696	87.38%	4.695%
17	18.237	18.173	18.315	BB	223626	3100915	91.55%	4.919%
18	19.071	19.000	19.145	BB	211537	3106188	91.71%	4.928%
19	19.857	19.800	19.917	BB	211223	2962046	87.45%	4.699%
20	20.597	20.550	20.655	BB	183985	2734327	80.73%	4.338%
21	21.375	21.330	21.455	BB	141529	2631569	77.70%	4.175%
22	22.361	22.300	22.460	BB	97566	2520284	74.41%	3.998%
Sum of corrected areas:							63036194	

Aliphatic EPH 082925.M Fri Sep 05 02:04:59 2025

Continuing Calibration Report for SequenceID : FE090425AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE055677.D

Aliphatic C9-C12	7816846.000	60.000	3.312	6.946	130280.767	128403.808	-1.462
Aliphatic C12-C16	5587325.000	40.000	6.947	10.398	139683.125	135095.243	-3.396
Aliphatic C16-C21	8956606.000	60.000	10.399	13.777	149276.767	144217.196	-3.508
Aliphatic C21-C28	12052914.000	80.000	13.778	17.448	150661.425	143235.734	-5.184
Aliphatic C28-C40	17389836.000	120.000	17.449	22.463	144915.300	137719.667	-5.225
Aliphatic EPH	51803527.000	360.000	3.312	22.463	143898.686	138184.135	-4.135

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	04 Sep 2025 22:37
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055677.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.312	6.946	7816846.000	60.000	ug/ml
Aliphatic C12-C16	6.947	10.398	5587325.000	40.000	ug/ml
Aliphatic C16-C21	10.399	13.777	8956606.000	60.000	ug/ml
Aliphatic C21-C28	13.778	17.448	12052914.000	80.000	ug/ml
Aliphatic C28-C40	17.449	22.463	17389836.000	120.000	ug/ml
Aliphatic EPH	3.312	22.463	51803527.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055677.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 22:37
 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: Sep 05 01:31:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.072	3391149	20.642 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
12) S 1-chlorooctadecane (S...	13.509	2593061	20.737 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
Target Compounds			
1) T n-Nonane (C9)	3.411	2522285	19.876 ug/ml
2) T n-Decane (C10)	4.670	2618124	20.438 ug/ml
3) T A~Naphthalene (C11.7)	6.388	2971617	20.453 ug/ml
4) T n-Dodecane (C12)	6.845	2676437	20.554 ug/ml
5) T A~2-methylnaphthalene...	7.489	2884470	20.508 ug/ml
6) T n-Tetradecane (C14)	8.682	2718612	20.644 ug/ml
7) T n-Hexadecane (C16)	10.297	2868713	20.713 ug/ml
8) T n-Octadecane (C18)	11.747	3021538	20.715 ug/ml
10) T n-Eicosane (C20)	13.061	2979272	20.697 ug/ml
11) T n-Heneicosane (C21)	13.675	2955796	20.692 ug/ml
13) T n-Docosane (C22)	14.263	2977736	20.802 ug/ml
14) T n-Tetracosane (C24)	15.370	3057717	21.132 ug/ml
15) T n-Hexacosane (C26)	16.394	3004573	21.031 ug/ml
16) T n-Octacosane (C28)	17.346	3012888	21.182 ug/ml
17) T n-Tricontane (C30)	18.236	3166748	21.423 ug/ml
18) T n-Dotriacontane (C32)	19.070	3182258	21.681 ug/ml
19) T n-Tetratriacontane (C34)	19.856	3026194	21.419 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2787856	21.127 ug/ml
21) T n-Octatriacontane (C38)	21.374	2657391	20.404 ug/ml
22) T n-Tetracontane (C40)	22.360	2569389	20.036 ug/ml

(f)=RT Delta > 1/2 Window

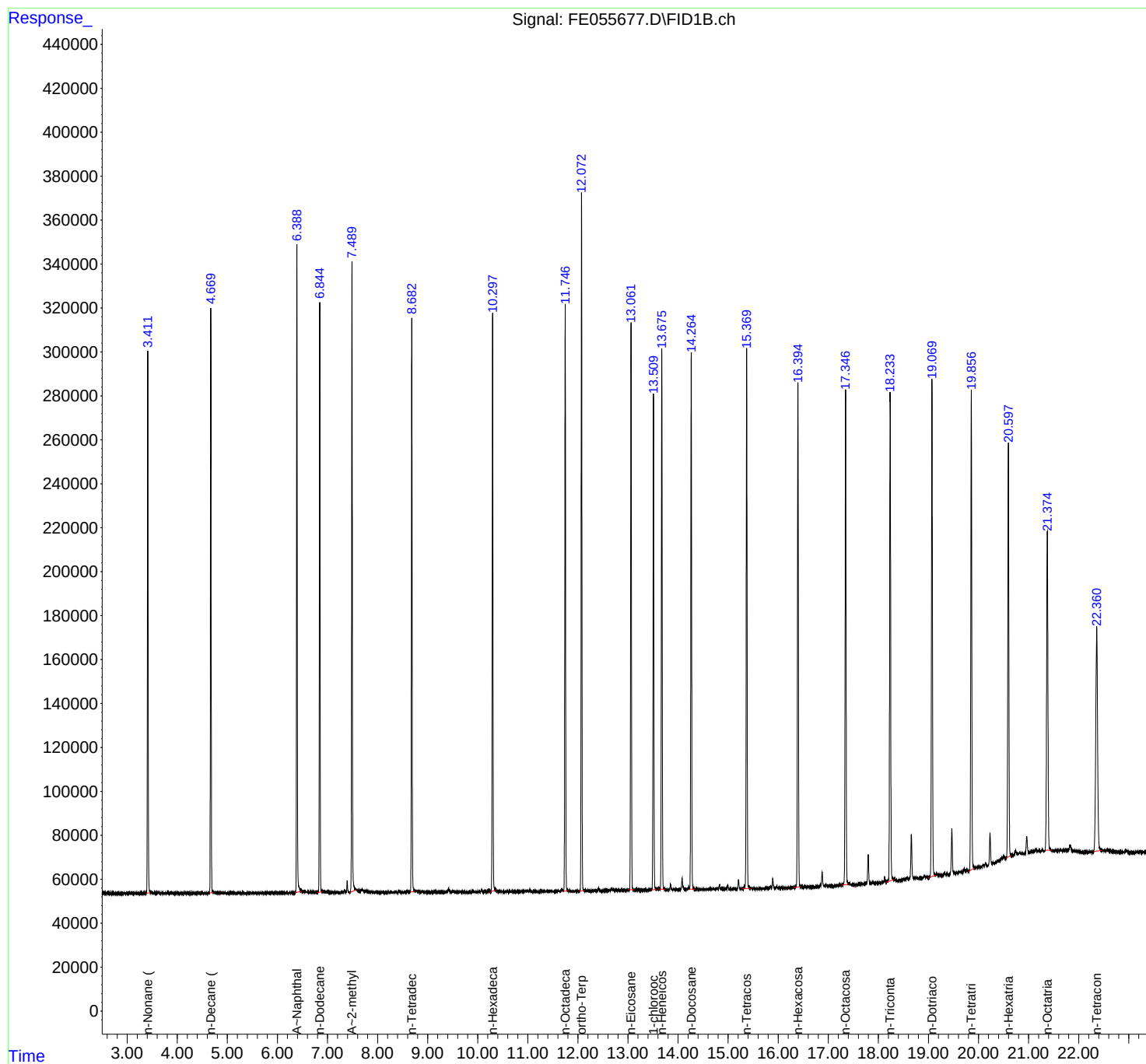
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055677.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 22:37
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: Sep 05 01:31:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055677.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 22:37
 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 082925.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	3.411	3.380	3.470	BB	246101	2522285	74.38%	3.963%
2	4.670	4.637	4.719	BB	266192	2618124	77.20%	4.114%
3	6.388	6.345	6.479	BB	295102	2971617	87.63%	4.669%
4	6.845	6.807	6.899	BB	268488	2676437	78.92%	4.205%
5	7.489	7.447	7.574	BB	285868	2884470	85.06%	4.532%
6	8.682	8.647	8.745	BB	261163	2718612	80.17%	4.272%
7	10.297	10.259	10.357	BB	263700	2868713	84.59%	4.507%
8	11.747	11.702	11.804	BB	267069	3021538	89.10%	4.748%
9	12.072	12.024	12.127	BB	317675	3391149	100.00%	5.328%
10	13.061	13.002	13.115	BB	257125	2979272	87.85%	4.681%
11	13.509	13.472	13.564	BB	225457	2593061	76.47%	4.074%
12	13.675	13.610	13.734	BB	245730	2955796	87.16%	4.644%
13	14.263	14.229	14.325	VB	243772	2977736	87.81%	4.679%
14	15.370	15.285	15.437	BB	244678	3057717	90.17%	4.804%
15	16.394	16.309	16.445	BB	228979	3004573	88.60%	4.721%
16	17.346	17.262	17.405	BB	225199	3012888	88.85%	4.734%
17	18.236	18.159	18.304	BV	218827	3166748	93.38%	4.976%
18	19.070	19.000	19.142	BB	225410	3182258	93.84%	5.000%
19	19.856	19.800	19.915	BB	216576	3026194	89.24%	4.755%
20	20.596	20.550	20.649	BB	188383	2787856	82.21%	4.380%
21	21.374	21.330	21.452	BB	145185	2657391	78.36%	4.175%
22	22.360	22.300	22.462	BB	102180	2569389	75.77%	4.037%
Sum of corrected areas:							63643826	

Aliphatic EPH 082925.M Fri Sep 05 02:10:35 2025



QC SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	4 Hampton Place, Nutley	Date Received:	
Client Sample ID:	PB169545BS	SDG No.:	Q3011
Lab Sample ID:	PB169545BS	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
09/04/25 08:00	09/04/25 13:58	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	61.3		1	0.91	4.00	mg/kg	FE055661.D
Total EPH	Total EPH	61.3			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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	4 Hampton Place, Nutley	Date Received:	
Client Sample ID:	PB169545BS	SDG No.:	Q3011
Lab Sample ID:	PB169545BS	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
FE055661.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	61.3		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	18.5		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.4		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.7		40 - 140	65%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169545BS	Acq On:	04 Sep 2025 13:58
Client Sample ID:	PB169545BS	Operator:	YP\AJ
Data file:	FE055661.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	3.312	6.946	22071132	171.888	300	ug/ml
Aliphatic C12-C16	6.947	10.398	28655166	212.111	200	ug/ml
Aliphatic C16-C21	10.399	13.777	33552149	232.65	300	ug/ml
Aliphatic C21-C28	13.778	17.448	43521331	303.844	400	ug/ml
Aliphatic C28-C40	17.449	22.463	38229045	277.586	600	ug/ml
Aliphatic EPH	3.312	22.463	166028823	1200		ug/ml
ortho-Terphenyl (SURR)	12.075	12.075	5367830	32.67		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	4176947	33.4		ug/ml
Aliphatic C9-C28	3.312	17.448	127799778	920.493	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055661.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 13:58
Operator : YP\AJ
Sample : PB169545BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB169545BS

Integration File: autoint1.e
Quant Time: Sep 05 01:24:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.075	5367830	32.674 ug/ml
Spiked Amount	50.000	Recovery	= 65.35%
12) S 1-chlorooctadecane (S...	13.511	4176947	33.404 ug/ml
Spiked Amount	50.000	Recovery	= 66.81%

Target Compounds

(f)=RT Delta > 1/2 Window

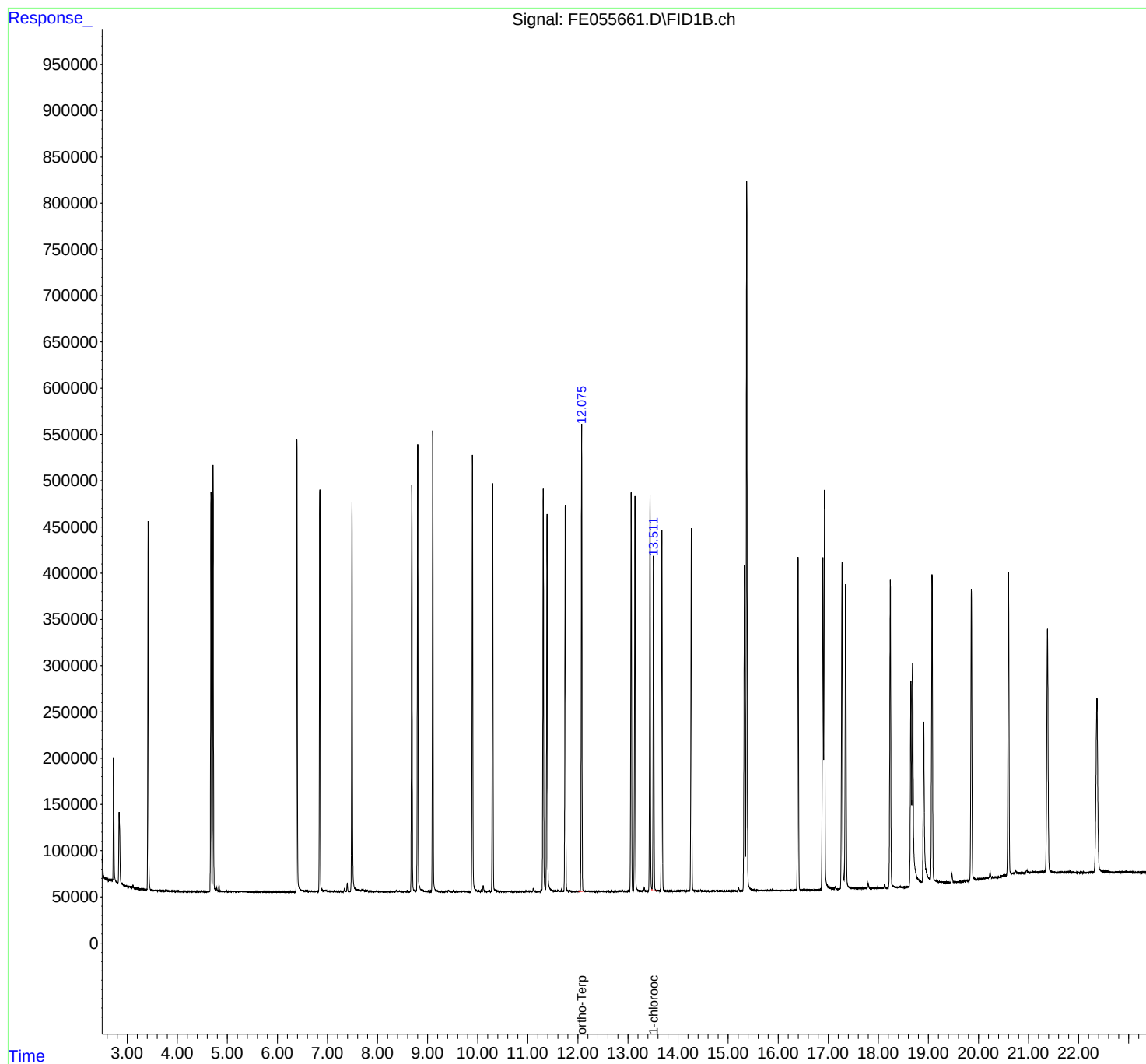
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055661.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 13:58
Operator : YP\AJ
Sample : PB169545BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB169545BS

Integration File: autoint1.e
Quant Time: Sep 05 01:24:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055661.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 13:58
 Sample : PB169545BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	3.419	3.365	3.492	BB	398581	4057147	42.17%	2.311%
2	4.674	4.620	4.694	BV	432286	4244735	44.12%	2.418%
3	4.714	4.694	4.769	VV	460841	4608395	47.90%	2.625%
4	6.390	6.340	6.505	BB	488549	4800852	49.90%	2.734%
5	6.846	6.787	6.917	BB	435294	4360003	45.32%	2.483%
6	7.490	7.440	7.589	BB	420728	4415651	45.89%	2.515%
7	8.684	8.624	8.759	BB	439553	4542556	47.21%	2.587%
8	8.801	8.764	8.904	BB	485618	4954080	51.49%	2.822%
9	9.102	9.037	9.200	BB	497911	5014893	52.12%	2.856%
10	9.895	9.830	9.995	BB	473219	4965996	51.61%	2.828%
11	10.298	10.242	10.379	BB	441126	4761990	49.49%	2.712%
12	11.309	11.237	11.355	BV	434052	4776359	49.64%	2.720%
13	11.385	11.355	11.470	VBA	407815	4715883	49.01%	2.686%
14	11.748	11.710	11.819	BB	417144	4826203	50.16%	2.749%
15	12.075	12.019	12.130	BB	505994	5367830	55.79%	3.057%
16	13.064	13.002	13.105	BV	429346	4954687	51.50%	2.822%
17	13.139	13.105	13.222	VB	423773	4747759	49.35%	2.704%
18	13.440	13.372	13.477	BV	427975	4802248	49.91%	2.735%
19	13.511	13.477	13.574	VB	359678	4176947	43.41%	2.379%
20	13.677	13.617	13.754	BB	388008	4729010	49.15%	2.693%
21	14.266	14.207	14.335	BB	391227	4668053	48.52%	2.659%
22	15.328	15.255	15.347	BV	352157	4605322	47.87%	2.623%
23	15.371	15.347	15.485	VB	765403	9621325	100.00%	5.480%
24	16.398	16.335	16.455	BB	359372	4603139	47.84%	2.622%
25	16.893	16.820	16.909	BV	359459	5113265	53.15%	2.912%
26	16.926	16.909	17.044	VB	434264	5351975	55.63%	3.048%
27	17.276	17.235	17.317	M	353512	4885856	50.78%	2.783%
28	17.348	17.320	17.454	M	329060	4672396	48.56%	2.661%
29	18.240	18.165	18.327	BB	332342	4614271	47.96%	2.628%
30	18.651	18.582	18.668	BV	221141	3089054	32.11%	1.759%
31	18.686	18.668	18.867	VV	239383	4330751	45.01%	2.467%
32	18.907	18.867	19.000	PBA	171940	2872045	29.85%	1.636%
33	19.073	19.012	19.179	BB	327836	4538872	47.18%	2.585%
34	19.858	19.800	19.964	BB	313901	4701899	48.87%	2.678%
35	20.600	20.550	20.670	BB	325941	4699949	48.85%	2.677%
36	21.378	21.330	21.470	BB	261252	4819249	50.09%	2.745%

rters
37 22.365 22.300 22.489 BB 187065 4562955 47.43% 2.599%
Sum of corrected areas: 175573599

Aliphatic EPH 082925.M Fri Sep 05 02:06:37 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	4 Hampton Place, Nutley	Date Received:	
Client Sample ID:	PB169545BSD	SDG No.:	Q3011
Lab Sample ID:	PB169545BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/04/25 08:00	09/04/25 14:28	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	63.0		1	0.91	3.99	mg/kg	FE055662.D
Total EPH	Total EPH	63.0			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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	4 Hampton Place, Nutley	Date Received:	
Client Sample ID:	PB169545BSD	SDG No.:	Q3011
Lab Sample ID:	PB169545BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055662.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	63.0		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)	34.0		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.3		40 - 140	67%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169545BSD	Acq On:	04 Sep 2025 14:28
Client Sample ID:	PB169545BSD	Operator:	YP\AJ
Data file:	FE055662.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	3.312	6.946	22691816	176.722	300	ug/ml
Aliphatic C12-C16	6.947	10.398	29445300	217.96	200	ug/ml
Aliphatic C16-C21	10.399	13.777	34117006	236.567	300	ug/ml
Aliphatic C21-C28	13.778	17.448	45001233	314.176	400	ug/ml
Aliphatic C28-C40	17.449	22.463	42616233	309.442	600	ug/ml
Aliphatic EPH	3.312	22.463	173871588	1250		ug/ml
ortho-Terphenyl (SURR)	12.075	12.075	5474709	33.32		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	4252157	34.01		ug/ml
Aliphatic C9-C28	3.312	17.448	131255355	945.425	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055662.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 14:28
 Operator : YP\AJ
 Sample : PB169545BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169545BSD

Integration File: autoint1.e
 Quant Time: Sep 05 01:25:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.075	5474709	33.325 ug/ml
Spiked Amount 50.000		Recovery =	66.65%
12) S 1-chlorooctadecane (S...	13.512	4252157	34.005 ug/ml
Spiked Amount 50.000		Recovery =	68.01%
Target Compounds			
1) T n-Nonane (C9)	3.420	4142183	32.641 ug/ml
2) T n-Decane (C10)	4.674	4350958	33.966 ug/ml
3) T A~Naphthalene (C11.7)	6.391	4950925	34.077 ug/ml
4) T n-Dodecane (C12)	6.847	4525783	34.757 ug/ml
5) T A~2-methylnaphthalene...	7.490	4548953	32.342 ug/ml
6) T n-Tetradecane (C14)	8.684	4683916	35.567 ug/ml
7) T n-Hexadecane (C16)	10.299	4912369	35.469 ug/ml
8) T n-Octadecane (C18)	11.748	4947215	33.917 ug/ml
10) T n-Eicosane (C20)	13.064	5060863	35.158 ug/ml
11) T n-Heneicosane (C21)	13.678	4814389	33.704 ug/ml
13) T n-Docosane (C22)	14.266	4740089	33.114 ug/ml
14) T n-Tetracosane (C24)	15.371	9790734	67.663 ug/ml
15) T n-Hexacosane (C26)	16.398	4613862	32.296 ug/ml
16) T n-Octacosane (C28)	17.349	4713216	33.136 ug/mlm
17) T n-Tricontane (C30)	18.240	4796794	32.450 ug/ml
18) T n-Dotriacontane (C32)	19.073	4851905	33.057 ug/ml
19) T n-Tetratriacontane (C34)	19.857	5022942	35.552 ug/mlm
20) T n-Hexatriacontane (C36)	20.600	5009614	37.964 ug/ml
21) T n-Octatriacontane (C38)	21.378	5126672	39.363 ug/ml
22) T n-Tetracontane (C40)	22.363	4843426	37.768 ug/ml

(f)=RT Delta > 1/2 Window

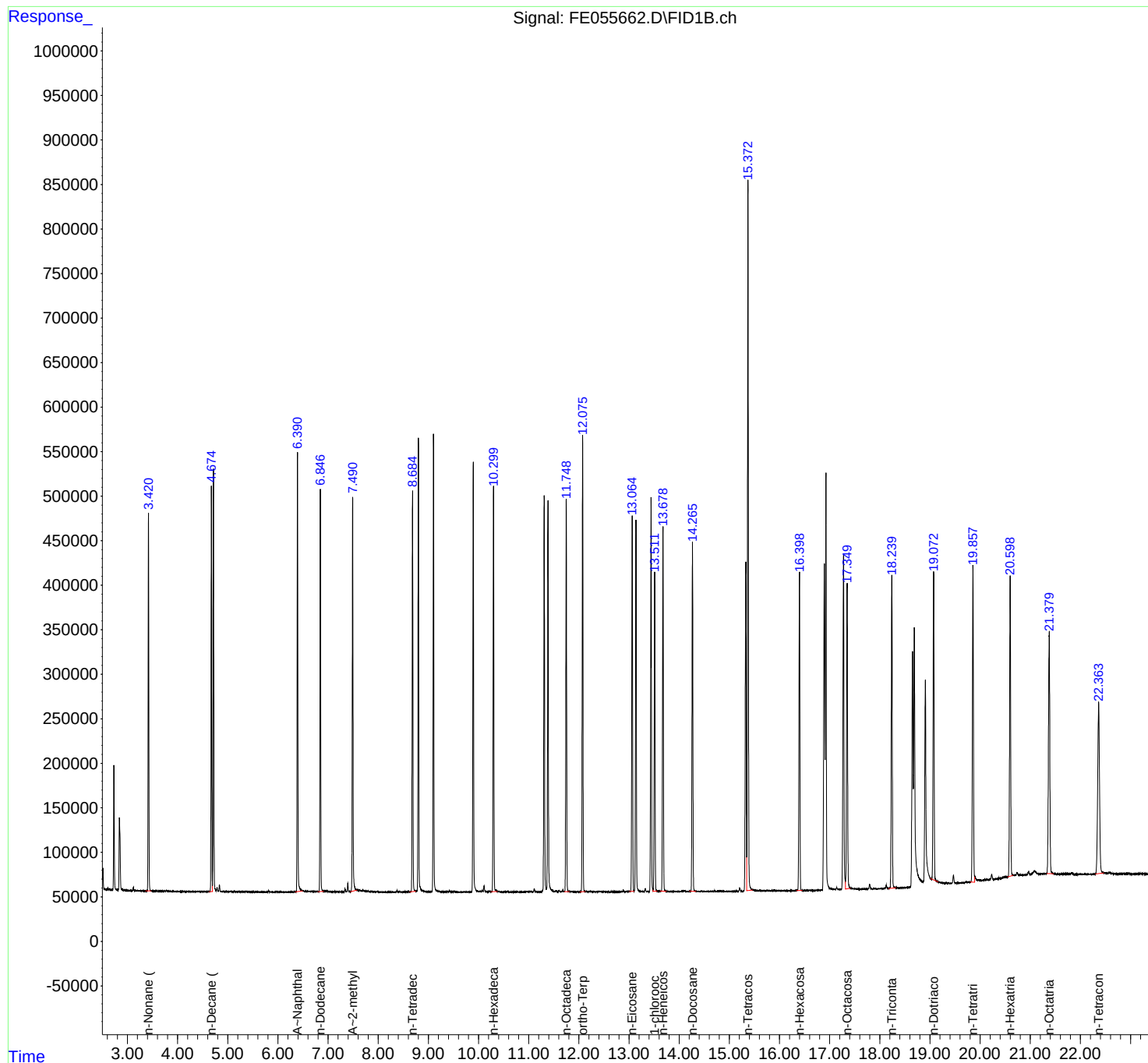
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055662.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 14:28
Operator : YP\AJ
Sample : PB169545BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB169545BSD

Integration File: autoint1.e
Quant Time: Sep 05 01:25:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055662.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 14:28
 Sample : PB169545BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	3.420	3.360	3.477	BB	424370	4142183	42.31%	2.256%
2	4.674	4.620	4.695	BV	455503	4350958	44.44%	2.370%
3	4.715	4.695	4.772	VV	474204	4721967	48.23%	2.572%
4	6.391	6.340	6.497	BB	493525	4950925	50.57%	2.697%
5	6.847	6.790	6.918	BB	451091	4525783	46.23%	2.465%
6	7.490	7.440	7.580	BB	442793	4548953	46.46%	2.478%
7	8.684	8.623	8.753	BB	452268	4683916	47.84%	2.551%
8	8.801	8.753	8.897	BB	508942	5076289	51.85%	2.765%
9	9.102	9.045	9.192	BB	514623	5137486	52.47%	2.798%
10	9.895	9.830	9.992	BB	483174	5086287	51.95%	2.770%
11	10.299	10.242	10.382	BB	452883	4912369	50.17%	2.676%
12	11.309	11.235	11.355	BV	443707	4858902	49.63%	2.646%
13	11.385	11.355	11.470	VBA	438501	4804253	49.07%	2.617%
14	11.748	11.705	11.815	BB	441149	4947215	50.53%	2.695%
15	12.075	12.015	12.133	BB	512929	5474709	55.92%	2.982%
16	13.064	13.003	13.105	BV	420301	5060863	51.69%	2.756%
17	13.139	13.105	13.220	VB	415625	4793321	48.96%	2.611%
18	13.440	13.372	13.478	BV	442688	4838063	49.41%	2.635%
19	13.512	13.478	13.567	VB	357165	4252157	43.43%	2.316%
20	13.678	13.617	13.748	BB	409943	4814389	49.17%	2.622%
21	14.266	14.203	14.337	BB	391696	4740089	48.41%	2.582%
22	15.327	15.258	15.347	BV	365258	4787028	48.89%	2.607%
23	15.371	15.347	15.470	VB	799313	9790734	100.00%	5.333%
24	16.398	16.335	16.458	BB	357954	4613862	47.12%	2.513%
25	16.894	16.820	16.910	BV	365749	5407184	55.23%	2.945%
26	16.927	16.910	17.020	VB	466684	5604211	57.24%	3.052%
27	17.278	17.235	17.317	M	375976	5335354	54.49%	2.906%
28	17.349	17.320	17.444	M	343850	4722771	48.24%	2.572%
29	18.240	18.165	18.327	BB	351905	4796794	48.99%	2.613%
30	18.652	18.580	18.668	BV	263413	3910244	39.94%	2.130%
31	18.687	18.668	18.865	VV	289296	5213597	53.25%	2.840%
32	18.908	18.865	19.000	PBA	224813	3792573	38.74%	2.066%
33	19.073	19.012	19.167	BB	345217	4851905	49.56%	2.643%
34	19.858	19.800	19.957	BB	353958	5071408	51.80%	2.762%
35	20.600	20.550	20.660	BB	332235	5009614	51.17%	2.729%
36	21.378	21.330	21.470	BB	268856	5126672	52.36%	2.792%

rters
37 22.363 22.300 22.470 BB 192535 4843426 49.47% 2.638%
Sum of corrected areas: 183598456

Aliphatic EPH 082925.M Fri Sep 05 02:07:38 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	4 Hampton Place, Nutley	Date Received:	
Client Sample ID:	3MS	SDG No.:	Q3011
Lab Sample ID:	Q3011-05MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.7
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
09/04/25 09:05	09/04/25 16:31	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	93.3	E	1	0.98	4.31	mg/kg	FE055666.D
Total EPH	Total EPH	93.3			0.98	4.31	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

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:		
Project:	4 Hampton Place, Nutley		Date Received:		
Client Sample ID:	3MS		SDG No.:	Q3011	
Lab Sample ID:	Q3011-05MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.7	
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
FE055666.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	93.3	E	0.98	4.31	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	32.8		1.27	2.15	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.6		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.7		40 - 140	65%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3011-05MS	Acq On:	04 Sep 2025 16:31
Client Sample ID:	Q3011-05MS	Operator:	YP\AJ
Data file:	FE055666.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	3.312	6.946	31293681	243.713	300	ug/ml
Aliphatic C12-C16	6.947	10.398	42506792	314.643	200	ug/ml
Aliphatic C16-C21	10.399	13.777	46840001	324.788	300	ug/ml
Aliphatic C21-C28	13.778	17.448	59682329	416.672	400	ug/ml
Aliphatic C28-C40	17.449	22.463	62894526	456.685	600	ug/ml
Aliphatic EPH	3.312	22.463	243217329	1760		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	5372251	32.7		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	4201650	33.6		ug/ml
Aliphatic C9-C28	3.312	17.448	180322803	1300	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055666.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 16:31
 Operator : YP\AJ
 Sample : Q3011-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 3MS

Integration File: autoint1.e
 Quant Time: Sep 05 01:26:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.074	5372251	32.701 ug/ml
Spiked Amount 50.000		Recovery =	65.40%
12) S 1-chlorooctadecane (S...	13.511	4201650	33.601 ug/ml
Spiked Amount 50.000		Recovery =	67.20%
Target Compounds			
1) T n-Nonane (C9)	3.426	5434629	42.826 ug/ml
2) T n-Decane (C10)	4.678	5728439	44.719 ug/ml
3) T A~Naphthalene (C11.7)	6.392	6798353	46.792 ug/ml
4) T n-Dodecane (C12)	6.848	6065942	46.585 ug/ml
5) T A~2-methylnaphthalene...	7.492	6338076	45.063 ug/ml
6) T n-Tetradecane (C14)	8.685	6368028	48.355 ug/ml
7) T n-Hexadecane (C16)	10.299	6711475	48.459 ug/ml
8) T n-Octadecane (C18)	11.749	6759005	46.339 ug/ml
10) T n-Eicosane (C20)	13.064	6852538	47.605 ug/ml
11) T n-Heneicosane (C21)	13.678	6426370	44.989 ug/ml
13) T n-Docosane (C22)	14.266	6281024	43.879 ug/ml
14) T n-Tetracosane (C24)	15.373	12412798	85.784 ug/ml
15) T n-Hexacosane (C26)	16.398	5853455	40.973 ug/ml
16) T n-Octacosane (C28)	17.349	5914666	41.583 ug/mlm
17) T n-Tricontane (C30)	18.239	5997606	40.574 ug/ml
18) T n-Dotriacontane (C32)	19.073	5985983	40.783 ug/ml
19) T n-Tetratriacontane (C34)	19.858	6135297	43.425 ug/ml
20) T n-Hexatriacontane (C36)	20.600	6316481	47.868 ug/ml
21) T n-Octatriacontane (C38)	21.379	6535594	50.181 ug/ml
22) T n-Tetracontane (C40)	22.364	6249873	48.735 ug/ml

(f)=RT Delta > 1/2 Window

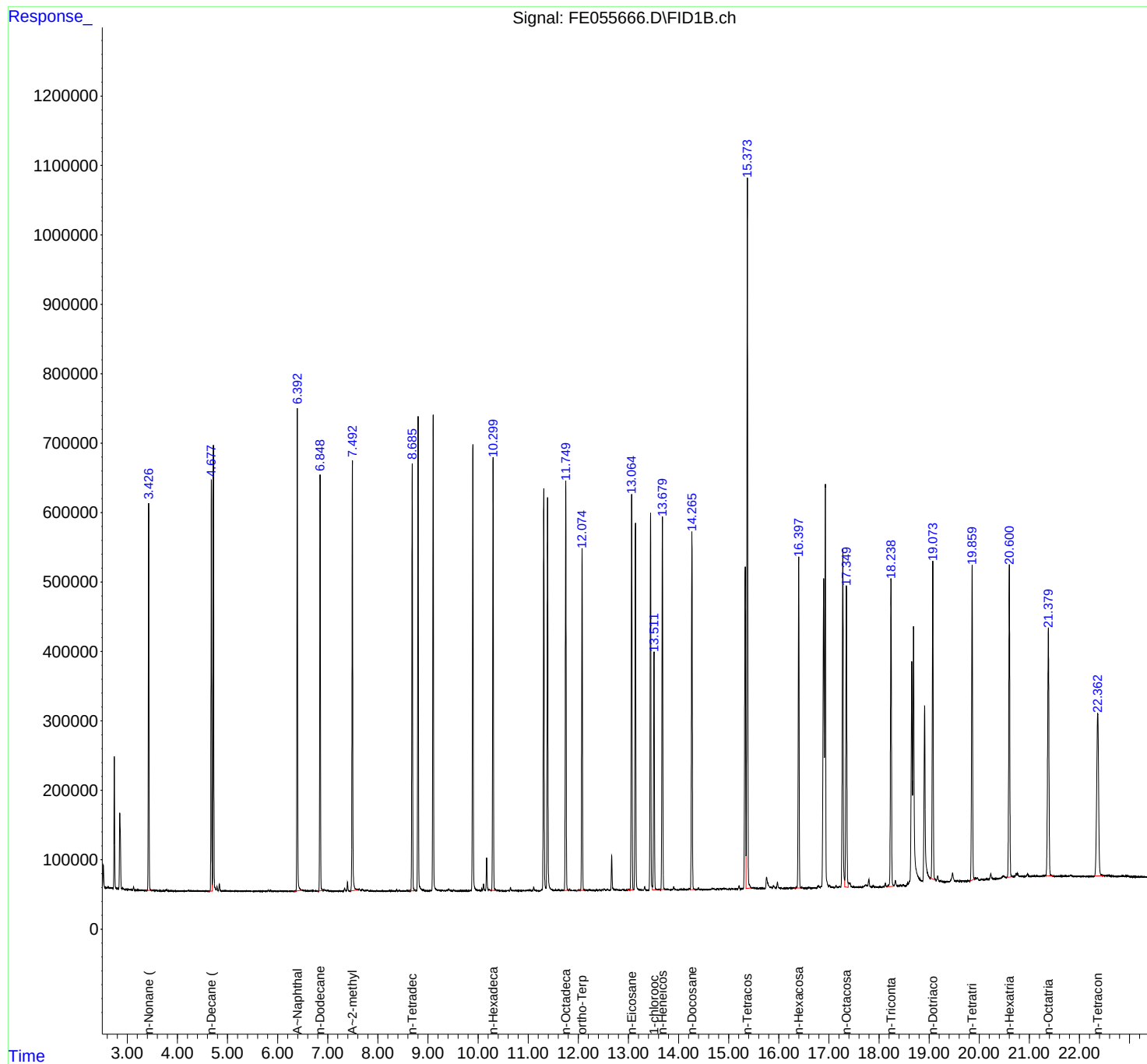
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055666.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 16:31
Operator : YP\AJ
Sample : Q3011-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
3MS

Integration File: autoint1.e
Quant Time: Sep 05 01:26:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055666.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 16:31
 Sample : Q3011-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	2.850	2.805	2.894	BV	106255	1561168	12.47%	0.613%
2	2.908	2.894	3.002	VV	1578	18395	0.15%	0.007%
3	3.011	3.002	3.055	PV	108	929	0.01%	0.000%
4	3.067	3.055	3.103	VV	219	2125	0.02%	0.001%
5	3.126	3.103	3.187	VV	4478	43001	0.34%	0.017%
6	3.204	3.187	3.271	PV	174	4506	0.04%	0.002%
7	3.298	3.271	3.366	PV	431	7550	0.06%	0.003%
8	3.376	3.366	3.390	VV	116	1264	0.01%	0.000%
9	3.427	3.390	3.525	PV	559111	5464721	43.65%	2.147%
10	3.534	3.525	3.556	VV	254	3814	0.03%	0.001%
11	3.572	3.556	3.589	VV	400	5240	0.04%	0.002%
12	3.597	3.589	3.621	VV	188	3066	0.02%	0.001%
13	3.639	3.621	3.653	VV	316	3447	0.03%	0.001%
14	3.668	3.653	3.689	VV	277	3939	0.03%	0.002%
15	3.711	3.689	3.726	PV	185	2168	0.02%	0.001%
16	3.780	3.726	3.955	VV	1551	38263	0.31%	0.015%
17	3.960	3.955	3.994	VV	141	1688	0.01%	0.001%
18	4.014	3.994	4.097	PV	445	6877	0.05%	0.003%
19	4.111	4.097	4.130	VV	131	1509	0.01%	0.001%
20	4.140	4.130	4.157	PV	131	856	0.01%	0.000%
21	4.166	4.157	4.180	VV	80	698	0.01%	0.000%
22	4.213	4.180	4.240	VV	1213	15081	0.12%	0.006%
23	4.255	4.240	4.309	VV	814	15892	0.13%	0.006%
24	4.326	4.309	4.368	VV	261	6891	0.06%	0.003%
25	4.375	4.368	4.383	VV	208	1580	0.01%	0.001%
26	4.404	4.383	4.441	VV	456	9326	0.07%	0.004%
27	4.450	4.441	4.468	VV	259	3652	0.03%	0.001%
28	4.477	4.468	4.514	VV	325	6916	0.06%	0.003%
29	4.521	4.514	4.561	VV	229	5284	0.04%	0.002%
30	4.572	4.561	4.598	VV	231	2843	0.02%	0.001%
31	4.606	4.598	4.610	VV	112	674	0.01%	0.000%
32	4.622	4.610	4.645	VV	171	2587	0.02%	0.001%
33	4.678	4.645	4.698	VV	591513	5732904	45.79%	2.253%
34	4.718	4.698	4.772	VV	643102	6312369	50.42%	2.480%
35	4.790	4.772	4.814	VV	6658	82442	0.66%	0.032%
36	4.837	4.814	4.891	VV	10617	127720	1.02%	0.050%

					rteres			
37	4.910	4.891	4.943	VV	581	15447	0.12%	0.006%
38	4.961	4.943	4.974	VV	701	10354	0.08%	0.004%
39	4.987	4.974	5.030	VV	540	13824	0.11%	0.005%
40	5.046	5.030	5.088	VV	460	13321	0.11%	0.005%
41	5.092	5.088	5.115	VV	377	5307	0.04%	0.002%
42	5.129	5.115	5.149	VV	364	6180	0.05%	0.002%
43	5.157	5.149	5.165	VV	317	2850	0.02%	0.001%
44	5.187	5.165	5.298	VV	400	22031	0.18%	0.009%
45	5.332	5.298	5.368	VV	352	11152	0.09%	0.004%
46	5.380	5.368	5.425	VV	362	8957	0.07%	0.004%
47	5.429	5.425	5.455	VV	278	3448	0.03%	0.001%
48	5.466	5.455	5.515	VV	284	5707	0.05%	0.002%
49	5.528	5.515	5.575	VV	202	3317	0.03%	0.001%
50	5.621	5.575	5.648	PV	687	10149	0.08%	0.004%
51	5.661	5.648	5.679	VV	163	2752	0.02%	0.001%
52	5.693	5.679	5.706	VV	164	1844	0.01%	0.001%
53	5.718	5.706	5.749	VV	112	1654	0.01%	0.001%
54	5.760	5.749	5.781	VV	111	1475	0.01%	0.001%
55	5.813	5.781	5.834	VV	1708	17896	0.14%	0.007%
56	5.854	5.834	5.910	VV	1344	21789	0.17%	0.009%
57	5.929	5.910	5.988	VV	938	14357	0.11%	0.006%
58	6.001	5.988	6.040	VV	114	2254	0.02%	0.001%
59	6.056	6.040	6.092	VV	231	4032	0.03%	0.002%
60	6.105	6.092	6.115	VV	58	825	0.01%	0.000%
61	6.134	6.115	6.158	VV	299	3969	0.03%	0.002%
62	6.184	6.158	6.201	PV	320	4229	0.03%	0.002%
63	6.211	6.201	6.325	VV	208	9076	0.07%	0.004%
64	6.392	6.325	6.535	VV	694448	6921817	55.29%	2.720%
65	6.554	6.535	6.619	VV	1315	42525	0.34%	0.017%
66	6.635	6.619	6.665	VV	701	17788	0.14%	0.007%
67	6.688	6.665	6.768	VV	1173	40275	0.32%	0.016%
68	6.777	6.768	6.815	VV	490	10381	0.08%	0.004%
69	6.848	6.815	6.911	VV	599724	6118955	48.88%	2.404%
70	6.925	6.911	6.982	VV	2457	60033	0.48%	0.024%
71	7.000	6.982	7.114	VV	1145	39414	0.31%	0.015%
72	7.136	7.114	7.164	VV	321	7496	0.06%	0.003%
73	7.178	7.164	7.238	VV	284	7467	0.06%	0.003%
74	7.273	7.238	7.311	VV	325	7079	0.06%	0.003%
75	7.338	7.311	7.371	VV	4889	63487	0.51%	0.025%
76	7.395	7.371	7.451	VV	13307	145163	1.16%	0.057%
77	7.492	7.451	7.610	VV	615616	6452497	51.54%	2.536%
78	7.629	7.610	7.668	VV	3529	76054	0.61%	0.030%
79	7.689	7.668	7.705	VV	3109	48519	0.39%	0.019%
80	7.713	7.705	7.748	VV	1843	29518	0.24%	0.012%
81	7.765	7.748	7.780	VV	1434	19892	0.16%	0.008%
82	7.797	7.780	7.835	VV	2233	31540	0.25%	0.012%
83	7.857	7.835	7.877	VV	658	12549	0.10%	0.005%
84	7.889	7.877	7.911	VV	485	6030	0.05%	0.002%
85	7.977	7.911	7.999	VV	725	13014	0.10%	0.005%
86	8.025	7.999	8.046	VV	378	6314	0.05%	0.002%
87	8.059	8.046	8.069	VV	184	1533	0.01%	0.001%
88	8.089	8.069	8.116	VV	778	9163	0.07%	0.004%
89	8.131	8.116	8.158	PV	241	2892	0.02%	0.001%

					rteres			
90	8.174	8.158	8.192	VV	134	2042	0.02%	0.001%
91	8.258	8.192	8.313	VV	1104	30250	0.24%	0.012%
92	8.322	8.313	8.345	VV	190	2587	0.02%	0.001%
93	8.374	8.345	8.397	VV	2312	24903	0.20%	0.010%
94	8.431	8.397	8.478	VV	1450	21507	0.17%	0.008%
95	8.501	8.478	8.523	VV	389	6268	0.05%	0.002%
96	8.588	8.523	8.627	VV	753	26071	0.21%	0.010%
97	8.685	8.627	8.767	VV	610908	6411826	51.22%	2.520%
98	8.802	8.767	8.905	VV	680580	7061759	56.41%	2.775%
99	8.912	8.905	9.014	VV	1731	44261	0.35%	0.017%
100	9.056	9.014	9.071	VV	716	18205	0.15%	0.007%
101	9.103	9.071	9.205	VV	699616	7115937	56.84%	2.796%
102	9.222	9.205	9.265	VV	1479	31627	0.25%	0.012%
103	9.298	9.265	9.355	VV	975	31304	0.25%	0.012%
104	9.378	9.355	9.392	VV	1368	20091	0.16%	0.008%
105	9.416	9.392	9.485	VV	2450	61692	0.49%	0.024%
106	9.513	9.485	9.605	VV	1909	41398	0.33%	0.016%
107	9.608	9.605	9.638	VV	273	3110	0.02%	0.001%
108	9.701	9.638	9.734	VV	332	12972	0.10%	0.005%
109	9.755	9.734	9.790	VV	392	8862	0.07%	0.003%
110	9.814	9.790	9.827	VV	420	5966	0.05%	0.002%
111	9.845	9.827	9.861	VV	768	11283	0.09%	0.004%
112	9.896	9.861	10.006	VV	640011	6973568	55.70%	2.740%
113	10.036	10.006	10.053	VV	939	23210	0.19%	0.009%
114	10.076	10.053	10.090	VV	2689	35462	0.28%	0.014%
115	10.109	10.090	10.145	VV	9796	125581	1.00%	0.049%
116	10.171	10.145	10.261	VV	47847	603241	4.82%	0.237%
117	10.299	10.261	10.385	VV	624875	6772188	54.09%	2.661%
118	10.401	10.385	10.436	VV	799	15664	0.13%	0.006%
119	10.461	10.436	10.541	VV	372	10003	0.08%	0.004%
120	10.586	10.541	10.605	VV	518	8922	0.07%	0.004%
121	10.647	10.605	10.675	VV	4694	58148	0.46%	0.023%
122	10.691	10.675	10.706	VV	512	7127	0.06%	0.003%
123	10.741	10.706	10.762	VV	601	13529	0.11%	0.005%
124	10.783	10.762	10.811	VV	359	6608	0.05%	0.003%
125	10.824	10.811	10.865	VV	420	6010	0.05%	0.002%
126	10.889	10.865	10.898	PV	296	3535	0.03%	0.001%
127	10.924	10.898	10.936	VV	440	7657	0.06%	0.003%
128	10.963	10.936	10.980	VV	853	15143	0.12%	0.006%
129	10.996	10.980	11.023	VV	1044	19716	0.16%	0.008%
130	11.040	11.023	11.059	VV	1087	15352	0.12%	0.006%
131	11.071	11.059	11.082	VV	483	4714	0.04%	0.002%
132	11.110	11.082	11.167	VV	5018	73517	0.59%	0.029%
133	11.180	11.167	11.220	VV	342	6330	0.05%	0.002%
134	11.310	11.220	11.354	VV	581585	6431178	51.37%	2.527%
135	11.386	11.354	11.530	VV	561860	6351511	50.73%	2.496%
136	11.549	11.530	11.581	VV	1673	25077	0.20%	0.010%
137	11.602	11.581	11.644	VV	2208	35054	0.28%	0.014%
138	11.678	11.644	11.699	VV	1394	21542	0.17%	0.008%
139	11.749	11.699	11.804	VV	583894	6787872	54.22%	2.667%
140	11.825	11.804	11.895	VV	1448	39344	0.31%	0.015%
141	11.909	11.895	11.928	VV	453	5976	0.05%	0.002%

					rteres			
142	11.942	11.928	11.974	VV	522	7182	0.06%	0.003%
143	12.009	11.974	12.036	VV	1091	19115	0.15%	0.008%
144	12.074	12.036	12.133	VV	490993	5390408	43.06%	2.118%
145	12.148	12.133	12.188	VV	942	25223	0.20%	0.010%
146	12.233	12.188	12.250	VV	1278	31869	0.25%	0.013%
147	12.264	12.250	12.278	VV	726	9319	0.07%	0.004%
148	12.295	12.278	12.330	VV	945	14358	0.11%	0.006%
149	12.363	12.330	12.391	PV	1316	22289	0.18%	0.009%
150	12.413	12.391	12.433	VV	1255	21805	0.17%	0.009%
151	12.441	12.433	12.458	VV	684	8123	0.06%	0.003%
152	12.480	12.458	12.495	VV	1226	17230	0.14%	0.007%
153	12.515	12.495	12.558	VV	2780	51006	0.41%	0.020%
154	12.580	12.558	12.641	VV	1680	40729	0.33%	0.016%
155	12.666	12.641	12.741	VV	50225	618270	4.94%	0.243%
156	12.756	12.741	12.774	VV	1324	20665	0.17%	0.008%
157	12.785	12.774	12.832	VV	1042	24909	0.20%	0.010%
158	12.886	12.832	12.938	VV	1855	44090	0.35%	0.017%
159	12.968	12.938	12.981	VV	672	13841	0.11%	0.005%
160	13.003	12.981	13.027	VV	1193	24561	0.20%	0.010%
161	13.064	13.027	13.103	VV	570281	6871257	54.89%	2.700%
162	13.140	13.103	13.251	VV	528602	6177448	49.34%	2.427%
163	13.273	13.251	13.290	VV	633	10906	0.09%	0.004%
164	13.324	13.290	13.367	VV	5110	67991	0.54%	0.027%
165	13.384	13.367	13.398	VV	196	3013	0.02%	0.001%
166	13.442	13.398	13.476	VV	543476	6164989	49.24%	2.423%
167	13.511	13.476	13.568	VV	344121	4232309	33.81%	1.663%
168	13.583	13.568	13.596	VV	775	11630	0.09%	0.005%
169	13.619	13.596	13.640	VV	1048	20031	0.16%	0.008%
170	13.678	13.640	13.738	VV	532715	6483855	51.79%	2.548%
171	13.744	13.738	13.758	VV	1170	12224	0.10%	0.005%
172	13.771	13.758	13.838	VV	1138	32544	0.26%	0.013%
173	13.903	13.838	13.969	VV	4472	79777	0.64%	0.031%
174	13.978	13.969	13.995	VV	210	2470	0.02%	0.001%
175	14.027	13.995	14.041	VV	895	14522	0.12%	0.006%
176	14.054	14.041	14.078	VV	767	12582	0.10%	0.005%
177	14.106	14.078	14.160	VV	1220	27223	0.22%	0.011%
178	14.184	14.160	14.198	VV	821	12394	0.10%	0.005%
179	14.214	14.198	14.230	VV	1982	25718	0.21%	0.010%
180	14.266	14.230	14.337	VV	515652	6309129	50.40%	2.479%
181	14.357	14.337	14.371	VV	628	9512	0.08%	0.004%
182	14.396	14.371	14.428	VV	2869	37032	0.30%	0.015%
183	14.448	14.428	14.480	VV	936	14814	0.12%	0.006%
184	14.495	14.480	14.531	VV	345	7398	0.06%	0.003%
185	14.547	14.531	14.578	VV	285	4083	0.03%	0.002%
186	14.597	14.578	14.607	PV	122	1591	0.01%	0.001%
187	14.672	14.607	14.691	VV	1430	35882	0.29%	0.014%
188	14.701	14.691	14.744	VV	1589	28088	0.22%	0.011%
189	14.773	14.744	14.808	VV	1083	25573	0.20%	0.010%
190	14.829	14.808	14.851	VV	1946	28914	0.23%	0.011%
191	14.865	14.851	14.878	VV	884	11062	0.09%	0.004%
192	14.900	14.878	14.919	VV	1361	21908	0.17%	0.009%
193	14.936	14.919	14.990	VV	1047	27363	0.22%	0.011%
194	15.009	14.990	15.032	VV	642	10436	0.08%	0.004%

					rteres			
195	15.070	15.032	15.097	VV	717	18273	0.15%	0.007%
196	15.122	15.097	15.165	VV	497	13057	0.10%	0.005%
197	15.207	15.165	15.259	VV	5249	82421	0.66%	0.032%
198	15.276	15.259	15.287	VV	571	7730	0.06%	0.003%
199	15.329	15.287	15.348	VV	456480	6096648	48.70%	2.396%
200	15.373	15.348	15.471	VV	1005862	12519205	100.00%	4.920%
201	15.489	15.471	15.548	VV	1905	66374	0.53%	0.026%
202	15.569	15.548	15.601	VV	1126	30821	0.25%	0.012%
203	15.630	15.601	15.649	VV	1058	25784	0.21%	0.010%
204	15.669	15.649	15.693	VV	982	21465	0.17%	0.008%
205	15.756	15.693	15.835	VV	16661	458214	3.66%	0.180%
206	15.847	15.835	15.868	VV	2261	37681	0.30%	0.015%
207	15.892	15.868	15.931	VV	4228	94133	0.75%	0.037%
208	15.973	15.931	16.028	VV	9537	178170	1.42%	0.070%
209	16.038	16.028	16.115	VV	822	27619	0.22%	0.011%
210	16.165	16.115	16.188	VV	763	24481	0.20%	0.010%
211	16.224	16.188	16.238	VV	665	16528	0.13%	0.006%
212	16.242	16.238	16.257	VV	573	5743	0.05%	0.002%
213	16.285	16.257	16.315	VV	870	24167	0.19%	0.009%
214	16.398	16.315	16.441	VV	474458	5909126	47.20%	2.322%
215	16.460	16.441	16.498	VV	1780	29787	0.24%	0.012%
216	16.517	16.498	16.545	VV	368	7718	0.06%	0.003%
217	16.604	16.545	16.657	VV	1208	24701	0.20%	0.010%
218	16.698	16.657	16.722	PV	649	12850	0.10%	0.005%
219	16.735	16.722	16.747	VV	357	4294	0.03%	0.002%
220	16.784	16.747	16.819	VV	2603	71195	0.57%	0.028%
221	16.896	16.819	16.911	VV	439202	6920047	55.28%	2.719%
222	16.929	16.911	16.997	VV	563711	7056373	56.36%	2.773%
223	17.014	16.997	17.115	VV	3301	109966	0.88%	0.043%
224	17.141	17.115	17.171	VV	3413	54331	0.43%	0.021%
225	17.213	17.171	17.235	VV	2460	50451	0.40%	0.020%
226	17.278	17.235	17.315	VV	486938	6739901	53.84%	2.649%
227	17.349	17.315	17.386	VV	430154	5951586	47.54%	2.339%
228	17.395	17.386	17.411	VV	7209	95355	0.76%	0.037%
229	17.424	17.411	17.538	VV	6907	148663	1.19%	0.058%
230	17.551	17.538	17.576	VV	562	11934	0.10%	0.005%
231	17.589	17.576	17.595	VV	561	5613	0.04%	0.002%
232	17.613	17.595	17.623	VV	607	9051	0.07%	0.004%
233	17.635	17.623	17.648	VV	632	8063	0.06%	0.003%
234	17.731	17.648	17.771	VV	3353	128055	1.02%	0.050%
235	17.797	17.771	17.848	VV	11585	186596	1.49%	0.073%
236	17.883	17.848	17.912	VV	2367	39709	0.32%	0.016%
237	17.935	17.912	17.962	VV	560	12378	0.10%	0.005%
238	17.973	17.962	17.995	VV	324	4878	0.04%	0.002%
239	18.024	17.995	18.057	VV	667	11016	0.09%	0.004%
240	18.082	18.057	18.097	PV	446	5859	0.05%	0.002%
241	18.127	18.097	18.157	VV	4916	69151	0.55%	0.027%
242	18.239	18.157	18.298	VV	440028	6024993	48.13%	2.368%
243	18.326	18.298	18.384	VV	8751	161276	1.29%	0.063%
244	18.433	18.384	18.457	VV	1281	40549	0.32%	0.016%
245	18.482	18.457	18.528	VV	2046	42333	0.34%	0.017%
246	18.575	18.528	18.584	PV	3753	56637	0.45%	0.022%

rteres								
247	18.653	18.584	18.669	VV	320615	4887409	39.04%	1.921%
248	18.688	18.669	18.871	VV	372031	6903624	55.14%	2.713%
249	18.910	18.871	19.031	VV	260415	4944701	39.50%	1.943%
250	19.073	19.031	19.138	VV	460395	6479888	51.76%	2.546%
251	19.171	19.138	19.214	VV	12751	342993	2.74%	0.135%
252	19.236	19.214	19.261	VV	4936	124974	1.00%	0.049%
253	19.274	19.261	19.304	VV	3626	87870	0.70%	0.035%
254	19.356	19.304	19.390	VV	3500	164326	1.31%	0.065%
255	19.468	19.390	19.538	VV	15462	553033	4.42%	0.217%
256	19.570	19.538	19.601	VV	4111	128743	1.03%	0.051%
257	19.621	19.601	19.645	VV	3728	83659	0.67%	0.033%
258	19.673	19.645	19.697	VV	3272	90885	0.73%	0.036%
259	19.719	19.697	19.741	VV	2946	69457	0.55%	0.027%
260	19.774	19.741	19.799	VV	3342	94261	0.75%	0.037%
261	19.858	19.799	19.912	VV	456631	6381991	50.98%	2.508%
262	19.929	19.912	19.946	VV	6499	119204	0.95%	0.047%
263	19.965	19.946	20.004	VV	6732	168995	1.35%	0.066%
264	20.044	20.004	20.068	VV	4506	144608	1.16%	0.057%
265	20.090	20.068	20.110	VV	3607	87427	0.70%	0.034%
266	20.142	20.110	20.180	VV	4482	160244	1.28%	0.063%
267	20.231	20.180	20.311	VV	11420	426793	3.41%	0.168%
268	20.332	20.311	20.361	VV	4248	119869	0.96%	0.047%
269	20.488	20.361	20.532	VV	6913	510862	4.08%	0.201%
270	20.600	20.532	20.667	VV	456064	6746906	53.89%	2.651%
271	20.738	20.667	20.752	VV	9083	348053	2.78%	0.137%
272	20.767	20.752	20.804	VV	9547	230548	1.84%	0.091%
273	20.842	20.804	20.908	VV	5693	340720	2.72%	0.134%
274	20.965	20.908	21.008	VV	8365	361379	2.89%	0.142%
275	21.018	21.008	21.065	VV	5134	171765	1.37%	0.067%
276	21.079	21.065	21.121	VV	4997	164662	1.32%	0.065%
277	21.150	21.121	21.191	VV	5090	197413	1.58%	0.078%
278	21.296	21.191	21.315	VV	4831	326142	2.61%	0.128%
279	21.379	21.315	21.521	VV	359781	7038660	56.22%	2.766%
280	21.539	21.521	21.558	VV	3082	65305	0.52%	0.026%
281	21.669	21.558	21.680	VV	2814	206732	1.65%	0.081%
282	21.707	21.680	21.741	VV	2901	101563	0.81%	0.040%
283	21.830	21.741	21.906	VV	3356	230972	1.84%	0.091%
284	21.917	21.906	21.938	VV	1479	27047	0.22%	0.011%
285	21.967	21.938	22.065	VV	1422	85586	0.68%	0.034%
286	22.085	22.065	22.142	VV	827	28493	0.23%	0.011%
287	22.151	22.142	22.167	VV	374	5062	0.04%	0.002%
288	22.228	22.167	22.258	VV	488	19492	0.16%	0.008%
289	22.261	22.258	22.283	VV	198	1212	0.01%	0.000%
290	22.364	22.283	22.510	PV	233523	6302907	50.35%	2.477%
291	22.533	22.510	22.543	VV	139	2219	0.02%	0.001%
Sum of corrected areas:					254479933			

Aliphatic EPH 082925.M Fri Sep 05 02:14:43 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC		Date Collected:		
Project:	4 Hampton Place, Nutley		Date Received:		
Client Sample ID:	3MSD		SDG No.:	Q3011	
Lab Sample ID:	Q3011-05MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.7	
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
09/04/25 09:05	09/04/25 17:01	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	97.6	E	1	0.98	4.32	mg/kg	FE055667.D
Total EPH	Total EPH	97.6			0.98	4.32	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	4 Hampton Place, Nutley	Date Received:	
Client Sample ID:	3MSD	SDG No.:	Q3011
Lab Sample ID:	Q3011-05MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.7
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
FE055667.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	97.6	E	0.98	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	34.6		1.27	2.16	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.3		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.2		40 - 140	66%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3011-05MSD	Acq On:	04 Sep 2025 17:01
Client Sample ID:	Q3011-05MSD	Operator:	YP\AJ
Data file:	FE055667.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	3.312	6.946	32268499	251.305	300	ug/ml
Aliphatic C12-C16	6.947	10.398	44131640	326.671	200	ug/ml
Aliphatic C16-C21	10.399	13.777	49245644	341.469	300	ug/ml
Aliphatic C21-C28	13.778	17.448	62775300	438.266	400	ug/ml
Aliphatic C28-C40	17.449	22.463	66398501	482.128	600	ug/ml
Aliphatic EPH	3.312	22.463	254819584	1840		ug/ml
ortho-Terphenyl (SURR)	12.075	12.075	5458401	33.23		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	4286336	34.28		ug/ml
Aliphatic C9-C28	3.312	17.448	188421083	1360	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055667.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 17:01
 Operator : YP\AJ
 Sample : Q3011-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 3MSD

Integration File: autoint1.e
 Quant Time: Sep 05 01:27:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.075	5458401	33.225 ug/ml
Spiked Amount 50.000		Recovery =	66.45%
12) S 1-chlorooctadecane (S...	13.512	4286336	34.278 ug/ml
Spiked Amount 50.000		Recovery =	68.56%
Target Compounds			
1) T n-Nonane (C9)	3.427	5737318	45.211 ug/ml
2) T n-Decane (C10)	4.678	6036831	47.127 ug/ml
3) T A~Naphthalene (C11.7)	6.392	7153342	49.235 ug/ml
4) T n-Dodecane (C12)	6.848	6373411	48.946 ug/ml
5) T A~2-methylnaphthalene...	7.492	6654074	47.309 ug/ml
6) T n-Tetradecane (C14)	8.685	6710822	50.958 ug/ml
7) T n-Hexadecane (C16)	10.300	7083963	51.149 ug/ml
8) T n-Octadecane (C18)	11.750	7130707	48.887 ug/ml
10) T n-Eicosane (C20)	13.065	7223282	50.180 ug/ml
11) T n-Heneicosane (C21)	13.679	6773074	47.416 ug/ml
13) T n-Docosane (C22)	14.267	6626400	46.292 ug/ml
14) T n-Tetracosane (C24)	15.374	13259696	91.637 ug/ml
15) T n-Hexacosane (C26)	16.399	6231227	43.617 ug/ml
16) T n-Octacosane (C28)	17.351	6253077	43.962 ug/mlm
17) T n-Tricontane (C30)	18.241	6404998	43.330 ug/ml
18) T n-Dotriacontane (C32)	19.074	6335875	43.167 ug/ml
19) T n-Tetratriacontane (C34)	19.859	6591289	46.652 ug/ml
20) T n-Hexatriacontane (C36)	20.600	6573182	49.813 ug/ml
21) T n-Octatriacontane (C38)	21.378	6762774	51.925 ug/ml
22) T n-Tetracontane (C40)	22.366	6536128	50.968 ug/ml

(f)=RT Delta > 1/2 Window

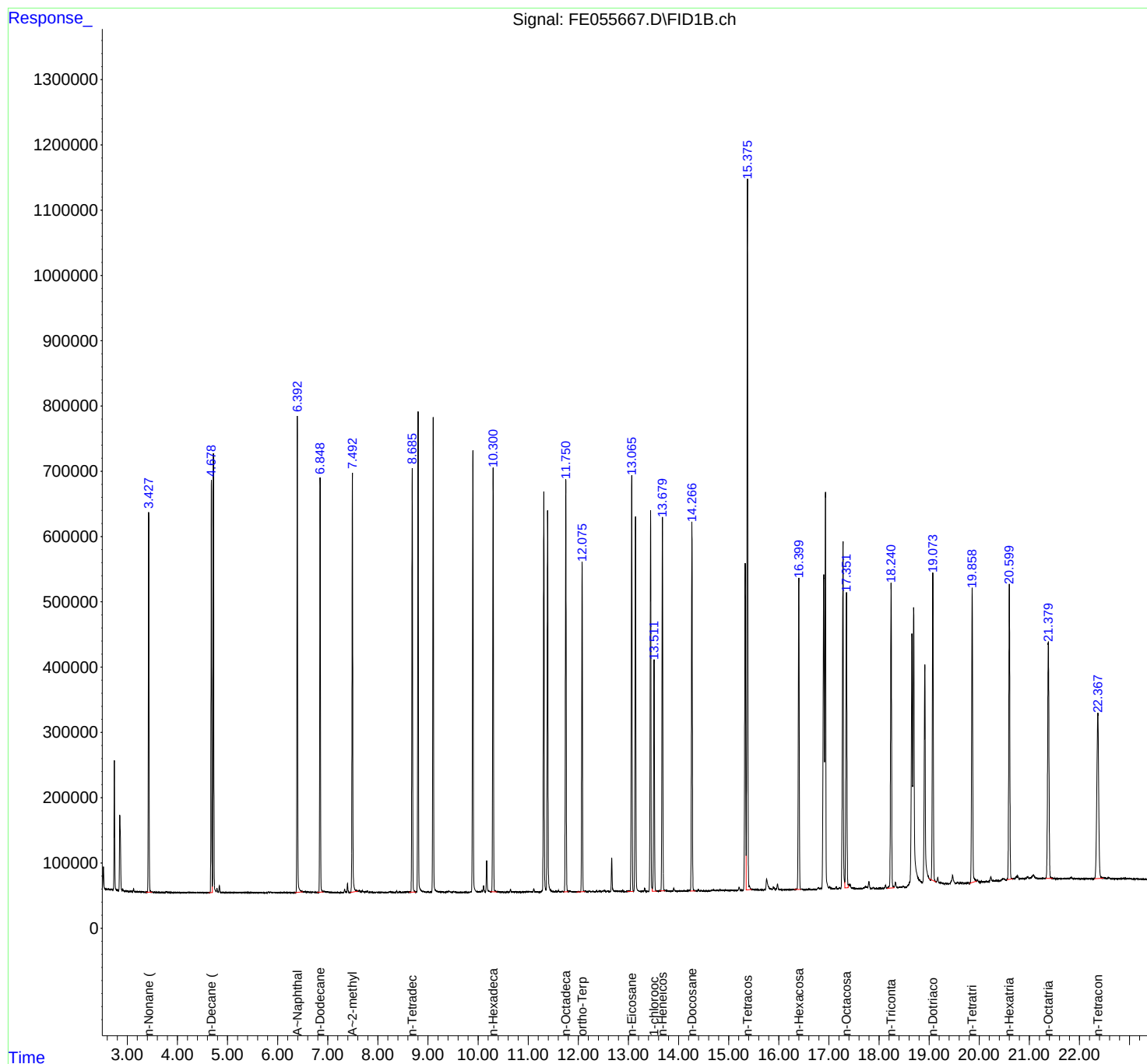
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
Data File : FE055667.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2025 17:01
Operator : YP\AJ
Sample : Q3011-05MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
3MSD

Integration File: autoint1.e
Quant Time: Sep 05 01:27:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055667.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 17:01
 Sample : Q3011-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	2.851	2.805	2.896	BV	112592	1636046	12.24%	0.614%
2	2.910	2.896	3.057	VV	1439	3540	0.03%	0.001%
3	3.068	3.057	3.101	PV	203	1088	0.01%	0.000%
4	3.126	3.101	3.187	PV	4694	44169	0.33%	0.017%
5	3.209	3.187	3.280	PV	189	3292	0.02%	0.001%
6	3.299	3.280	3.387	PV	321	5010	0.04%	0.002%
7	3.427	3.387	3.555	PV	582147	5751856	43.03%	2.160%
8	3.578	3.555	3.622	VV	336	6339	0.05%	0.002%
9	3.641	3.622	3.659	VV	272	3912	0.03%	0.001%
10	3.716	3.696	3.731	PV	207	2166	0.02%	0.001%
11	4.014	3.978	4.061	PV	337	5309	0.04%	0.002%
12	4.071	4.061	4.083	VV	99	734	0.01%	0.000%
13	4.174	4.171	4.190	VV	106	751	0.01%	0.000%
14	4.370	4.361	4.381	VV	182	2094	0.02%	0.001%
15	4.446	4.438	4.465	VV	260	3335	0.02%	0.001%
16	4.499	4.481	4.501	M	-2855	0	0.00%	0.000%
17	4.575	4.560	4.603	VV	258	4788	0.04%	0.002%
18	4.619	4.603	4.638	VV	287	3952	0.03%	0.001%
19	4.678	4.638	4.698	VV	631961	6046991	45.24%	2.271%
20	4.718	4.698	4.772	VV	672151	6612610	49.47%	2.483%
21	4.905	4.892	4.941	VV	634	15764	0.12%	0.006%
22	4.960	4.941	4.975	VV	696	11032	0.08%	0.004%
23	4.989	4.975	5.031	VV	573	14615	0.11%	0.005%
24	5.141	5.130	5.153	VV	441	4476	0.03%	0.002%
25	5.229	5.218	5.241	VV	333	4185	0.03%	0.002%
26	5.579	5.571	5.591	VV	215	2211	0.02%	0.001%
27	5.654	5.646	5.731	VV	257	9439	0.07%	0.004%
28	6.112	6.098	6.118	VV	225	2399	0.02%	0.001%
29	6.184	6.158	6.202	VV	486	9128	0.07%	0.003%
30	6.281	6.271	6.315	VV	290	5755	0.04%	0.002%
31	6.327	6.315	6.338	VV	266	3430	0.03%	0.001%
32	6.392	6.338	6.537	VV	725008	7268781	54.38%	2.729%
33	6.640	6.635	6.662	VV	939	14358	0.11%	0.005%
34	6.773	6.765	6.807	VV	655	15442	0.12%	0.006%
35	6.848	6.807	6.911	VV	635236	6442647	48.20%	2.419%
36	6.998	6.988	7.055	VV	1321	35168	0.26%	0.013%

					rteres			
37	7.056	7.055	7.099	VV	651	12275	0.09%	0.005%
38	7.179	7.162	7.211	VV	437	10194	0.08%	0.004%
39	7.217	7.211	7.233	VV	326	3686	0.03%	0.001%
40	7.274	7.233	7.301	VV	520	12489	0.09%	0.005%
41	7.492	7.446	7.611	VV	639017	6792934	50.82%	2.551%
42	7.689	7.669	7.705	VV	3212	49586	0.37%	0.019%
43	7.713	7.705	7.741	VV	2037	29278	0.22%	0.011%
44	7.765	7.741	7.780	VV	1691	25998	0.19%	0.010%
45	7.889	7.881	7.911	VV	585	7486	0.06%	0.003%
46	8.022	8.004	8.063	VV	464	10518	0.08%	0.004%
47	8.151	8.145	8.158	VV	226	1718	0.01%	0.001%
48	8.293	8.285	8.316	VV	421	6355	0.05%	0.002%
49	8.326	8.316	8.341	VV	366	4349	0.03%	0.002%
50	8.501	8.472	8.524	VV	556	11705	0.09%	0.004%
51	8.541	8.524	8.556	VV	552	8282	0.06%	0.003%
52	8.685	8.625	8.763	VV	648645	6763528	50.60%	2.540%
53	8.802	8.763	8.901	VV	734908	7427938	55.57%	2.789%
54	8.911	8.901	9.007	VV	1753	48123	0.36%	0.018%
55	9.053	9.007	9.071	VV	782	19645	0.15%	0.007%
56	9.103	9.071	9.206	VV	731568	7478447	55.95%	2.808%
57	9.222	9.206	9.263	VV	1446	29737	0.22%	0.011%
58	9.379	9.356	9.394	VV	1284	18181	0.14%	0.007%
59	9.513	9.487	9.541	VV	1846	26093	0.20%	0.010%
60	9.554	9.541	9.639	VV	353	9469	0.07%	0.004%
61	9.755	9.732	9.791	VV	277	5363	0.04%	0.002%
62	9.815	9.791	9.827	VV	348	4143	0.03%	0.002%
63	9.846	9.827	9.860	VV	744	10156	0.08%	0.004%
64	9.896	9.860	10.017	VV	685204	7337914	54.89%	2.755%
65	10.035	10.017	10.058	VV	918	19352	0.14%	0.007%
66	10.076	10.058	10.090	VV	2905	34271	0.26%	0.013%
67	10.110	10.090	10.148	VV	10178	130596	0.98%	0.049%
68	10.171	10.148	10.262	VV	48284	607302	4.54%	0.228%
69	10.300	10.262	10.380	VV	653853	7139361	53.41%	2.681%
70	10.399	10.380	10.446	VV	892	19877	0.15%	0.007%
71	10.458	10.446	10.551	VV	337	8403	0.06%	0.003%
72	10.586	10.551	10.616	PV	479	8319	0.06%	0.003%
73	10.687	10.675	10.710	VV	394	6383	0.05%	0.002%
74	10.823	10.806	10.870	VV	341	6399	0.05%	0.002%
75	10.913	10.870	10.933	VV	435	10281	0.08%	0.004%
76	10.998	10.981	11.019	VV	1211	17754	0.13%	0.007%
77	11.041	11.019	11.065	VV	1109	17954	0.13%	0.007%
78	11.070	11.065	11.088	VV	398	4589	0.03%	0.002%
79	11.111	11.088	11.166	VV	5312	73470	0.55%	0.028%
80	11.178	11.166	11.233	VV	360	5815	0.04%	0.002%
81	11.311	11.233	11.354	VV	611746	6793697	50.82%	2.551%
82	11.387	11.354	11.526	VV	591251	6716984	50.25%	2.522%
83	11.549	11.526	11.578	VV	1744	27134	0.20%	0.010%
84	11.602	11.578	11.653	VV	2270	40599	0.30%	0.015%
85	11.678	11.653	11.700	VV	1353	20690	0.15%	0.008%
86	11.750	11.700	11.808	VV	632525	7164073	53.59%	2.690%
87	11.825	11.808	11.893	VV	1559	39519	0.30%	0.015%
88	11.907	11.893	11.924	VV	376	5257	0.04%	0.002%
89	11.940	11.924	11.963	VV	523	7116	0.05%	0.003%

					rteres			
90	12.009	11.963	12.041	VV	1210	24712	0.18%	0.009%
91	12.075	12.041	12.135	VV	502663	5478535	40.98%	2.057%
92	12.148	12.135	12.190	VV	1100	26650	0.20%	0.010%
93	12.480	12.461	12.498	VV	1327	20703	0.15%	0.008%
94	12.516	12.498	12.565	VV	2715	53666	0.40%	0.020%
95	12.581	12.565	12.625	VV	1614	31534	0.24%	0.012%
96	12.666	12.625	12.740	VV	51858	624117	4.67%	0.234%
97	12.757	12.740	12.773	VV	1456	21890	0.16%	0.008%
98	12.786	12.773	12.840	VV	1156	29096	0.22%	0.011%
99	12.886	12.840	12.945	VV	1933	44909	0.34%	0.017%
100	12.962	12.945	12.980	VV	658	11907	0.09%	0.004%
101	13.004	12.980	13.031	VV	1243	26426	0.20%	0.010%
102	13.065	13.031	13.103	VV	628521	7237383	54.14%	2.718%
103	13.141	13.103	13.251	VV	574434	6562622	49.09%	2.464%
104	13.273	13.251	13.291	VV	590	9915	0.07%	0.004%
105	13.325	13.291	13.396	VV	5319	71419	0.53%	0.027%
106	13.443	13.396	13.476	VV	576499	6555036	49.04%	2.461%
107	13.512	13.476	13.569	VV	354344	4310019	32.24%	1.618%
108	13.585	13.569	13.596	VV	772	10555	0.08%	0.004%
109	13.621	13.596	13.641	VV	1031	19161	0.14%	0.007%
110	13.679	13.641	13.732	VV	574049	6823995	51.05%	2.562%
111	13.744	13.732	13.761	VV	1065	16589	0.12%	0.006%
112	13.774	13.761	13.845	VV	1154	29046	0.22%	0.011%
113	14.106	14.075	14.153	VV	1187	26231	0.20%	0.010%
114	14.186	14.153	14.195	VV	817	12839	0.10%	0.005%
115	14.215	14.195	14.231	VV	1938	26493	0.20%	0.010%
116	14.267	14.231	14.340	VV	564268	6653038	49.77%	2.498%
117	14.355	14.340	14.371	VV	619	9323	0.07%	0.004%
118	14.396	14.371	14.431	VV	2664	37803	0.28%	0.014%
119	14.449	14.431	14.477	VV	1041	15116	0.11%	0.006%
120	15.010	14.995	15.032	VV	714	11989	0.09%	0.005%
121	15.059	15.032	15.096	VV	803	21539	0.16%	0.008%
122	15.122	15.096	15.161	VV	613	15327	0.11%	0.006%
123	15.207	15.161	15.265	VV	5395	92059	0.69%	0.035%
124	15.330	15.265	15.349	VV	496671	6596679	49.35%	2.477%
125	15.374	15.349	15.474	VV	1085680	13367226	100.00%	5.019%
126	15.488	15.474	15.542	VV	1956	60602	0.45%	0.023%
127	15.563	15.542	15.601	VV	1142	34173	0.26%	0.013%
128	15.635	15.601	15.651	VV	924	24926	0.19%	0.009%
129	15.675	15.651	15.698	VV	894	22377	0.17%	0.008%
130	15.849	15.841	15.868	VV	2213	29825	0.22%	0.011%
131	15.893	15.868	15.932	VV	4134	95541	0.71%	0.036%
132	16.037	16.027	16.061	VV	931	15439	0.12%	0.006%
133	16.072	16.061	16.091	VV	584	9185	0.07%	0.003%
134	16.162	16.091	16.188	VV	798	33812	0.25%	0.013%
135	16.290	16.261	16.338	VV	967	34631	0.26%	0.013%
136	16.399	16.338	16.445	VV	474420	6279020	46.97%	2.358%
137	16.460	16.445	16.505	VV	1666	31205	0.23%	0.012%
138	16.522	16.505	16.563	VV	466	10100	0.08%	0.004%
139	16.606	16.563	16.661	VV	1287	23737	0.18%	0.009%
140	16.703	16.661	16.725	PV	724	14853	0.11%	0.006%
141	16.739	16.725	16.750	VV	348	4029	0.03%	0.002%

					rteres			
142	16.786	16.750	16.821	VV	2931	72853	0.55%	0.027%
143	16.897	16.821	16.913	VV	482612	7383567	55.24%	2.773%
144	16.931	16.913	16.998	VV	604534	7578450	56.69%	2.846%
145	17.015	16.998	17.114	VV	3695	120375	0.90%	0.045%
146	17.144	17.114	17.170	VV	3828	61989	0.46%	0.023%
147	17.214	17.170	17.238	VV	2536	57683	0.43%	0.022%
148	17.281	17.238	17.316	VV	529530	7237133	54.14%	2.718%
149	17.350	17.316	17.387	VV	455901	6362617	47.60%	2.389%
150	17.396	17.387	17.412	VV	7716	98000	0.73%	0.037%
151	17.426	17.412	17.580	VV	7449	193516	1.45%	0.073%
152	17.622	17.580	17.668	VV	846	37027	0.28%	0.014%
153	18.085	18.055	18.096	PV	429	6240	0.05%	0.002%
154	18.129	18.096	18.156	VV	5006	72193	0.54%	0.027%
155	18.241	18.156	18.300	VV	464558	6434908	48.14%	2.416%
156	18.327	18.300	18.386	VV	8614	154603	1.16%	0.058%
157	18.435	18.386	18.458	VV	1168	34485	0.26%	0.013%
158	18.482	18.458	18.534	VV	2144	43593	0.33%	0.016%
159	18.656	18.534	18.672	VV	387518	5980767	44.74%	2.246%
160	18.691	18.672	18.867	VV	427327	7799118	58.35%	2.929%
161	18.914	18.867	19.031	VV	341733	6119252	45.78%	2.298%
162	19.074	19.031	19.144	VV	475549	6916666	51.74%	2.597%
163	19.172	19.144	19.225	VV	13292	362623	2.71%	0.136%
164	19.237	19.225	19.275	VV	4911	129676	0.97%	0.049%
165	19.283	19.275	19.311	VV	3837	73562	0.55%	0.028%
166	19.354	19.311	19.391	VV	3383	150252	1.12%	0.056%
167	19.572	19.535	19.598	VV	4133	125738	0.94%	0.047%
168	19.622	19.598	19.642	VV	3596	80333	0.60%	0.030%
169	19.669	19.642	19.698	VV	3119	89902	0.67%	0.034%
170	19.718	19.698	19.745	VV	2721	66801	0.50%	0.025%
171	19.777	19.745	19.801	VV	3093	83989	0.63%	0.032%
172	19.859	19.801	19.921	VV	452546	6786381	50.77%	2.548%
173	19.930	19.921	19.949	VV	7014	105162	0.79%	0.039%
174	19.966	19.949	20.018	VV	6942	191319	1.43%	0.072%
175	20.045	20.018	20.071	VV	4273	113160	0.85%	0.042%
176	20.092	20.071	20.113	VV	3457	82193	0.61%	0.031%
177	20.144	20.113	20.182	VV	4003	144810	1.08%	0.054%
178	20.342	20.309	20.381	VV	4224	174536	1.31%	0.066%
179	20.491	20.381	20.537	VV	6656	477925	3.58%	0.179%
180	20.600	20.537	20.670	VV	455220	6996946	52.34%	2.627%
181	20.739	20.670	20.754	VV	9495	359499	2.69%	0.135%
182	20.768	20.754	20.810	VV	9400	236374	1.77%	0.089%
183	20.871	20.810	20.906	VV	5545	314894	2.36%	0.118%
184	20.966	20.906	20.995	VV	8159	328903	2.46%	0.124%
185	21.082	20.995	21.204	VV	9830	806778	6.04%	0.303%
186	21.231	21.204	21.241	VV	4509	96415	0.72%	0.036%
187	21.268	21.241	21.321	VV	4702	213777	1.60%	0.080%
188	21.378	21.321	21.518	VV	364850	7222884	54.03%	2.712%
189	21.532	21.518	21.564	VV	3194	82762	0.62%	0.031%
190	21.586	21.564	21.608	VV	2767	72491	0.54%	0.027%
191	21.880	21.873	21.961	VV	2058	90617	0.68%	0.034%
192	21.965	21.961	22.031	VV	1465	49674	0.37%	0.019%
193	22.054	22.031	22.067	VV	970	19799	0.15%	0.007%
194	22.097	22.067	22.118	VV	896	25932	0.19%	0.010%

					rteres				
195	22.222	22.118	22.285	VV	638	54178	0.41%	0.020%	
196	22.366	22.285	22.504	PV	253635	6589364	49.29%	2.474%	
197	22.513	22.504	22.547	VV	349	4820	0.04%	0.002%	
					Sum of corrected areas:	266306103			

Aliphatic EPH 082925.M Fri Sep 05 02:20:11 2025

Manual Integration Report

Sequence:

FE082925AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
5 PPM ALIPHATIC HC	FE055549.D	n-Octadecane (C18)	yogesh	8/29/2025 10:36:53 AM	mohammad	8/30/2025 12:45:13	Peak Integrated by Software
Q2970-19	FE055558.D	1-chlorooctadecane (SURR)	yogesh	8/29/2025 10:36:54 AM	mohammad	8/30/2025 12:45:13	Peak Integrated by Software
Q2970-31	FE055560.D	1-chlorooctadecane (SURR)	yogesh	8/29/2025 10:36:56 AM	mohammad	8/30/2025 12:45:13	Peak Integrated by Software

Manual Integration Report

Sequence:

FE090425AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169545BSD	FE055662.D	n-Octacosane (C28)	yogesh	9/5/2025 7:32:32 AM	 	 	Peak Integrated by Software
PB169545BSD	FE055662.D	n-Tetratriacontane (C34)	yogesh	9/5/2025 7:32:32 AM	 	 	Peak Integrated by Software
Q3011-03	FE055663.D	1-chlorooctadecane (SURR)	yogesh	9/5/2025 7:32:34 AM	 	 	Peak Integrated by Software
Q3011-04	FE055664.D	1-chlorooctadecane (SURR)	yogesh	9/5/2025 7:32:35 AM	 	 	Peak Integrated by Software
Q3011-05MS	FE055666.D	n-Octacosane (C28)	yogesh	9/5/2025 7:32:37 AM	 	 	Peak Integrated by Software
Q3011-05MSD	FE055667.D	n-Octacosane (C28)	yogesh	9/5/2025 7:32:39 AM	 	 	Peak Integrated by Software
Q3011-06	FE055668.D	1-chlorooctadecane (SURR)	yogesh	9/5/2025 7:32:40 AM	 	 	Peak Integrated by Software
Q3011-07	FE055669.D	1-chlorooctadecane (SURR)	yogesh	9/5/2025 7:32:42 AM	 	 	Peak Integrated by Software
Q3011-08	FE055670.D	1-chlorooctadecane (SURR)	yogesh	9/5/2025 7:32:43 AM	 	 	Peak Integrated by Software

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055543.D	28 Aug 2025 08:33	YP\AJ	Ok
2	I.BLK	FE055544.D	28 Aug 2025 09:03	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE055545.D	28 Aug 2025 09:34	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE055546.D	28 Aug 2025 10:04	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE055547.D	28 Aug 2025 10:34	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE055548.D	28 Aug 2025 11:04	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE055549.D	28 Aug 2025 11:35	YP\AJ	Ok,M
8	20 PPM ALIPHATIC HC STD ICV	FE055550.D	28 Aug 2025 12:05	YP\AJ	Ok
9	I.BLK	FE055551.D	28 Aug 2025 12:35	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE055552.D	28 Aug 2025 13:06	YP\AJ	Ok
11	Q2969-01	FE055553.D	28 Aug 2025 14:35	YP\AJ	Ok
12	Q2969-02	FE055554.D	28 Aug 2025 15:05	YP\AJ	Ok
13	Q2970-01	FE055555.D	28 Aug 2025 15:36	YP\AJ	Ok
14	Q2970-07	FE055556.D	28 Aug 2025 16:06	YP\AJ	Ok
15	Q2970-13	FE055557.D	28 Aug 2025 16:36	YP\AJ	Ok
16	Q2970-19	FE055558.D	28 Aug 2025 17:07	YP\AJ	Ok,M
17	Q2970-25	FE055559.D	28 Aug 2025 17:37	YP\AJ	Ok
18	Q2970-31	FE055560.D	28 Aug 2025 18:08	YP\AJ	Ok,M
19	Q2970-32	FE055561.D	28 Aug 2025 18:38	YP\AJ	Ok
20	Q2970-33	FE055562.D	28 Aug 2025 19:09	YP\AJ	Ok
21	Q2970-34	FE055563.D	28 Aug 2025 19:39	YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

22	Q2970-35	FE055564.D	28 Aug 2025 20:10	YPIAJ	Ok
23	Q2971-01	FE055565.D	28 Aug 2025 20:40	YPIAJ	Ok
24	Q2971-07	FE055566.D	28 Aug 2025 21:10	YPIAJ	Ok
25	Q2971-13	FE055567.D	28 Aug 2025 21:41	YPIAJ	Ok
26	Q2971-19	FE055568.D	28 Aug 2025 22:11	YPIAJ	Ok
27	Q2971-25	FE055569.D	28 Aug 2025 22:41	YPIAJ	Ok
28	Q2971-31	FE055570.D	28 Aug 2025 23:12	YPIAJ	Ok
29	I.BLK	FE055571.D	29 Aug 2025 00:12	YPIAJ	Ok
30	20 PPM ALIPHATIC HC STD	FE055572.D	29 Aug 2025 00:42	YPIAJ	Ok
31	PB169440BL	FE055573.D	29 Aug 2025 01:43	YPIAJ	Ok
32	PB169440BS	FE055574.D	29 Aug 2025 02:13	YPIAJ	Ok
33	PB169440BSD	FE055575.D	29 Aug 2025 02:43	YPIAJ	Ok
34	PB169430BL	FE055576.D	29 Aug 2025 03:14	YPIAJ	Ok
35	PB169430BS	FE055577.D	29 Aug 2025 03:44	YPIAJ	Ok
36	PB169430BSD	FE055578.D	29 Aug 2025 04:14	YPIAJ	Ok
37	Q2970-08	FE055579.D	29 Aug 2025 04:45	YPIAJ	Ok
38	Q2970-08D	FE055580.D	29 Aug 2025 05:15	YPIAJ	Ok
39	Q2970-08MS	FE055581.D	29 Aug 2025 05:45	YPIAJ	Ok
40	Q2970-08MSD	FE055582.D	29 Aug 2025 06:15	YPIAJ	Ok
41	Q2970-09	FE055583.D	29 Aug 2025 06:45	YPIAJ	Ok
42	Q2970-23	FE055584.D	29 Aug 2025 07:16	YPIAJ	Ok
43	I.BLK	FE055585.D	29 Aug 2025 07:46	YPIAJ	Ok
44	20 PPM ALIPHATIC HC STD	FE055586.D	29 Aug 2025 08:16	YPIAJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE090425AL

Review By	yogesh	Review On	9/4/2025 10:40:11 AM
Supervise By		Supervise On	
SubDirectory	FE090425AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055654.D	04 Sep 2025 07:42	YP\AJ	Ok
2	I.BLK	FE055655.D	04 Sep 2025 08:12	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE055656.D	04 Sep 2025 08:43	YP\AJ	Ok
4	Q3001-06DL	FE055657.D	04 Sep 2025 09:15	YP\AJ	Ok
5	I.BLK	FE055658.D	04 Sep 2025 10:37	YP\AJ	Ok
6	20 PPM ALIPHATIC HC STD	FE055659.D	04 Sep 2025 11:08	YP\AJ	Ok
7	PB169545BL	FE055660.D	04 Sep 2025 13:27	YP\AJ	Ok
8	PB169545BS	FE055661.D	04 Sep 2025 13:58	YP\AJ	Ok
9	PB169545BSD	FE055662.D	04 Sep 2025 14:28	YP\AJ	Ok,NS
10	Q3011-03	FE055663.D	04 Sep 2025 14:59	YP\AJ	Ok,NS
11	Q3011-04	FE055664.D	04 Sep 2025 15:29	YP\AJ	Ok,NS
12	Q3011-05	FE055665.D	04 Sep 2025 16:00	YP\AJ	Ok
13	Q3011-05MS	FE055666.D	04 Sep 2025 16:31	YP\AJ	Ok,NS
14	Q3011-05MSD	FE055667.D	04 Sep 2025 17:01	YP\AJ	Ok,NS
15	Q3011-06	FE055668.D	04 Sep 2025 17:32	YP\AJ	Ok,NS
16	Q3011-07	FE055669.D	04 Sep 2025 18:03	YP\AJ	Ok,NS
17	Q3011-08	FE055670.D	04 Sep 2025 18:33	YP\AJ	Ok,NS
18	Q3012-03	FE055671.D	04 Sep 2025 19:04	YP\AJ	Ok
19	Q3012-04	FE055672.D	04 Sep 2025 19:34	YP\AJ	Ok
20	Q3012-05	FE055673.D	04 Sep 2025 20:05	YP\AJ	Ok
21	Q3012-06	FE055674.D	04 Sep 2025 20:35	YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE090425AL

Review By	yogesh	Review On	9/4/2025 10:40:11 AM
Supervise By		Supervise On	
SubDirectory	FE090425AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

22	Q3012-07	FE055675.D	04 Sep 2025 21:06	YP\AJ	Ok
23	I.BLK	FE055676.D	04 Sep 2025 22:07	YP\AJ	Ok
24	20 PPM ALIPHATIC HC STD	FE055677.D	04 Sep 2025 22:37	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE055543.D	28 Aug 2025 08:33		YPIAJ	Ok
2	I.BLK	I.BLK	FE055544.D	28 Aug 2025 09:03		YPIAJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FE055545.D	28 Aug 2025 09:34		YPIAJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE055546.D	28 Aug 2025 10:04		YPIAJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055547.D	28 Aug 2025 10:34		YPIAJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE055548.D	28 Aug 2025 11:04		YPIAJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE055549.D	28 Aug 2025 11:35		YPIAJ	Ok,M
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055550.D	28 Aug 2025 12:05		YPIAJ	Ok
9	I.BLK	I.BLK	FE055551.D	28 Aug 2025 12:35		YPIAJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055552.D	28 Aug 2025 13:06		YPIAJ	Ok
11	Q2969-01	TR-05-08272025	FE055553.D	28 Aug 2025 14:35		YPIAJ	Ok
12	Q2969-02	TR-05-08272025-E2	FE055554.D	28 Aug 2025 15:05		YPIAJ	Ok
13	Q2970-01	TP10	FE055555.D	28 Aug 2025 15:36		YPIAJ	Ok
14	Q2970-07	TP11	FE055556.D	28 Aug 2025 16:06		YPIAJ	Ok
15	Q2970-13	TP12	FE055557.D	28 Aug 2025 16:36		YPIAJ	Ok
16	Q2970-19	TP9	FE055558.D	28 Aug 2025 17:07		YPIAJ	Ok,M
17	Q2970-25	TP6	FE055559.D	28 Aug 2025 17:37		YPIAJ	Ok
18	Q2970-31	TP3	FE055560.D	28 Aug 2025 18:08		YPIAJ	Ok,M

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q2970-32	TP3-A	FE055561.D	28 Aug 2025 18:38		YPIAJ	Ok
20	Q2970-33	TP3-B	FE055562.D	28 Aug 2025 19:09		YPIAJ	Ok
21	Q2970-34	TP3-C	FE055563.D	28 Aug 2025 19:39		YPIAJ	Ok
22	Q2970-35	TP3-D	FE055564.D	28 Aug 2025 20:10		YPIAJ	Ok
23	Q2971-01	TP2	FE055565.D	28 Aug 2025 20:40		YPIAJ	Ok
24	Q2971-07	TP1	FE055566.D	28 Aug 2025 21:10		YPIAJ	Ok
25	Q2971-13	TP5	FE055567.D	28 Aug 2025 21:41		YPIAJ	Ok
26	Q2971-19	TP8	FE055568.D	28 Aug 2025 22:11		YPIAJ	Ok
27	Q2971-25	TP7	FE055569.D	28 Aug 2025 22:41		YPIAJ	Ok
28	Q2971-31	TP4	FE055570.D	28 Aug 2025 23:12		YPIAJ	Ok
29	I.BLK	I.BLK	FE055571.D	29 Aug 2025 00:12		YPIAJ	Ok
30	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055572.D	29 Aug 2025 00:42		YPIAJ	Ok
31	PB169440BL	PB169440BL	FE055573.D	29 Aug 2025 01:43		YPIAJ	Ok
32	PB169440BS	PB169440BS	FE055574.D	29 Aug 2025 02:13		YPIAJ	Ok
33	PB169440BSD	PB169440BSD	FE055575.D	29 Aug 2025 02:43		YPIAJ	Ok
34	PB169430BL	PB169430BL	FE055576.D	29 Aug 2025 03:14		YPIAJ	Ok
35	PB169430BS	PB169430BS	FE055577.D	29 Aug 2025 03:44		YPIAJ	Ok
36	PB169430BSD	PB169430BSD	FE055578.D	29 Aug 2025 04:14		YPIAJ	Ok
37	Q2970-08	TP11-A	FE055579.D	29 Aug 2025 04:45		YPIAJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

38	Q2970-08D	Q2970-08D	FE055580.D	29 Aug 2025 05:15		YP\AJ	Ok
39	Q2970-08MS	TP11-AMS	FE055581.D	29 Aug 2025 05:45	FE055579.D	YP\AJ	Ok
40	Q2970-08MSD	TP11-AMSD	FE055582.D	29 Aug 2025 06:15	FE055579.D!FE055581.D	YP\AJ	Ok
41	Q2970-09	TP11-B	FE055583.D	29 Aug 2025 06:45		YP\AJ	Ok
42	Q2970-23	TP9-D	FE055584.D	29 Aug 2025 07:16		YP\AJ	Ok
43	I.BLK	I.BLK	FE055585.D	29 Aug 2025 07:46		YP\AJ	Ok
44	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055586.D	29 Aug 2025 08:16		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE090425AL

Review By	yogesh	Review On	9/4/2025 10:40:11 AM
Supervise By		Supervise On	
SubDirectory	FE090425AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE055654.D	04 Sep 2025 07:42		YPIAJ	Ok
2	I.BLK	I.BLK	FE055655.D	04 Sep 2025 08:12		YPIAJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055656.D	04 Sep 2025 08:43		YPIAJ	Ok
4	Q3001-06DL	S-6DL	FE055657.D	04 Sep 2025 09:15		YPIAJ	Ok
5	I.BLK	I.BLK	FE055658.D	04 Sep 2025 10:37		YPIAJ	Ok
6	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055659.D	04 Sep 2025 11:08		YPIAJ	Ok
7	PB169545BL	PB169545BL	FE055660.D	04 Sep 2025 13:27		YPIAJ	Ok
8	PB169545BS	PB169545BS	FE055661.D	04 Sep 2025 13:58		YPIAJ	Ok
9	PB169545BSD	PB169545BSD	FE055662.D	04 Sep 2025 14:28		YPIAJ	Ok,NS
10	Q3011-03	1	FE055663.D	04 Sep 2025 14:59		YPIAJ	Ok,NS
11	Q3011-04	2	FE055664.D	04 Sep 2025 15:29		YPIAJ	Ok,NS
12	Q3011-05	3	FE055665.D	04 Sep 2025 16:00		YPIAJ	Ok
13	Q3011-05MS	3MS	FE055666.D	04 Sep 2025 16:31	FE055665.D	YPIAJ	Ok,NS
14	Q3011-05MSD	3MSD	FE055667.D	04 Sep 2025 17:01	FE055665.D!FE055666.D	YPIAJ	Ok,NS
15	Q3011-06	4	FE055668.D	04 Sep 2025 17:32		YPIAJ	Ok,NS
16	Q3011-07	5	FE055669.D	04 Sep 2025 18:03		YPIAJ	Ok,NS
17	Q3011-08	6	FE055670.D	04 Sep 2025 18:33		YPIAJ	Ok,NS
18	Q3012-03	1	FE055671.D	04 Sep 2025 19:04		YPIAJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE090425AL

Review By	yogesh	Review On	9/4/2025 10:40:11 AM
Supervise By		Supervise On	
SubDirectory	FE090425AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3012-04	2	FE055672.D	04 Sep 2025 19:34		YP\AJ	Ok
20	Q3012-05	3	FE055673.D	04 Sep 2025 20:05		YP\AJ	Ok
21	Q3012-06	4	FE055674.D	04 Sep 2025 20:35		YP\AJ	Ok
22	Q3012-07	5	FE055675.D	04 Sep 2025 21:06		YP\AJ	Ok
23	I.BLK	I.BLK	FE055676.D	04 Sep 2025 22:07		YP\AJ	Ok
24	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055677.D	04 Sep 2025 22:37		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 09/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:33
Out Date: 09/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137064

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
Q3011-01	WASTE	1	1.15	10.35	11.5	10.87	93.9	
Q3011-02	VOC	2	1.16	10.41	11.57	10.9	93.6	
Q3011-03	1	3	1.16	10.43	11.59	10.77	92.1	
Q3011-04	2	4	1.17	10.79	11.96	10.8	89.2	
Q3011-05	3	5	1.15	10.33	11.48	10.73	92.7	
Q3011-06	4	6	1.13	10.33	11.46	10.79	93.5	
Q3011-07	5	7	1.19	10.43	11.62	11.22	96.2	
Q3011-08	6	8	1.19	10.40	11.59	10.81	92.5	
Q3012-01	WASTE	9	1.16	10.78	11.94	11.34	94.4	
Q3012-02	VOC	10	1.14	10.82	11.96	11.48	95.6	
Q3012-03	1	11	1.15	10.30	11.45	10.86	94.3	
Q3012-04	2	12	1.17	10.77	11.94	11.22	93.3	
Q3012-05	3	13	1.15	10.81	11.96	11.31	94.0	
Q3012-06	4	14	1.16	10.39	11.55	11.00	94.7	
Q3012-07	5	15	1.12	10.19	11.31	10.5	92.1	
Q3012-07D	5DUP	16	1.17	10.17	11.34	10.53	92.0	
Q3014-01	Red Firestop Sealant	17	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q3014-02	Sidewalk Joint Caulk	18	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q3014-03	Ext Metal Wall panel Caulk	19	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q3021-02	821-ABC	20	1.00	1.00	2.00	2.00	100.0	oil sample
Q3021-04	821-DEF	21	1.00	1.00	2.00	2.00	100.0	oil sample
Q3021-06	821-GHI	22	1.00	1.00	2.00	2.00	100.0	oil sample
Q3023-01	TP-1	23	1.14	10.62	11.76	10.5	88.1	
Q3023-04	TP-2	24	1.19	10.51	11.7	10.9	92.4	
Q3026-01	EO-02-09042025	25	1.14	10.85	11.99	11.08	91.6	
Q3026-02	EO-02-09042025-E2	26	1.18	10.36	11.54	10.56	90.5	
Q3027-01	HD-01-09042025	27	1.11	10.55	11.66	11.06	94.3	
Q3027-02	HD-01-09042025-E2	28	1.19	10.30	11.49	11.05	95.7	

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

WORKLIST(Hardcopy Internal Chain)

1370625

WorkList Name : %1-090425 WorkList ID : 191662 Department : Wet-Chemistry Date : 09-04-2025 09:55:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3011-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J33	09/03/2025	Chemtech -SO
Q3011-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J33	09/03/2025	Chemtech -SO
Q3011-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J33	09/03/2025	Chemtech -SO
Q3011-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J33	09/03/2025	Chemtech -SO
Q3011-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J33	09/03/2025	Chemtech -SO
Q3011-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J33	09/03/2025	Chemtech -SO
Q3011-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J33	09/03/2025	Chemtech -SO
Q3011-08	6	Solid	Percent Solids	Cool 4 deg C	SCIA01	J33	09/03/2025	Chemtech -SO
Q3012-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J33	09/03/2025	Chemtech -SO
Q3012-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J42	09/03/2025	Chemtech -SO
Q3012-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J42	09/03/2025	Chemtech -SO
Q3012-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J42	09/03/2025	Chemtech -SO
Q3012-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J42	09/03/2025	Chemtech -SO
Q3012-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J42	09/03/2025	Chemtech -SO
Q3012-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J42	09/03/2025	Chemtech -SO
Q3014-01	Red Firestop Sealant	Solid	Percent Solids	Cool 4 deg C	ATCE02	J11	09/03/2025	Chemtech -SO
Q3014-02	Sidewalk Joint Caulk	Solid	Percent Solids	Cool 4 deg C	ATCE02	J11	09/03/2025	Chemtech -SO
Q3014-03	Ext Metal Wall panel Caulk	Solid	Percent Solids	Cool 4 deg C	ATCE02	J11	09/03/2025	Chemtech -SO
Q3021-02	821-ABC	Solid	Percent Solids	Cool 4 deg C	PSEG03	F31	09/04/2025	Chemtech -SO
Q3021-04	821-DEF	Solid	Percent Solids	Cool 4 deg C	PSEG03	F31	09/04/2025	Chemtech -SO
Q3021-06	821-GHI	Solid	Percent Solids	Cool 4 deg C	PSEG03	F31	09/04/2025	Chemtech -SO

Date/Time 09/04/25 16:50
 Raw Sample Received by: Ed Cady
 Raw Sample Relinquished by: Ed Cady
 Date/Time 09/04/25 18:00
 Raw Sample Received by: Ed Cady
 Raw Sample Relinquished by: Ed Cady

WORKLIST(Hardcopy Internal Chain)

12/25/2024

WorkList Name : %1-090425 WorkList ID : 191662 Department : Wet-Chemistry Date : 09-04-2025 09:55:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3023-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	09/04/2025	Chemtech -SO
Q3023-04	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	09/04/2025	Chemtech -SO
Q3026-01	EO-02-09042025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	09/04/2025	Chemtech -SO
Q3026-02	EO-02-09042025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	09/04/2025	Chemtech -SO
Q3027-01	HD-01-09042025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	09/04/2025	Chemtech -SO
Q3027-02	HD-01-09042025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	09/04/2025	Chemtech -SO

Date/Time 09/04/25 16:50
 Raw Sample Received by: SP WOC
 Raw Sample Relinquished by: CP SM

Date/Time 09/04/25 18:00
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: SP WOC

SOP ID: MNJDEP-EPH-8

Clean Up SOP #: N/A

Matrix: Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date: 09/04/2025

Extraction Start Time: 09:05

Extraction End Date: 09/04/2025

Extraction End Time: 12:25

Concentration By: EH

Supervisor By: RUPESH

Extraction Method: ☐ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24918
Surrogate	1.0ML	100 PPM	PP24866
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	EP2636
Sand	N/A	E3951
Methylene Chloride	N/A	E3964
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/4/25	RS (64, 66)	Y.P. PestHPB.
12:30	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-8

Concentration Date: 09/04/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169545BL	PB169545BL	EPH_F2	30.02	N/A	ritesh	Evelyn	2			U1-1
PB169545BS	PB169545BS	EPH_F2	30.01	N/A	ritesh	Evelyn	2			2
PB169545BSD	PB169545BSD	EPH_F2	30.03	N/A	ritesh	Evelyn	2			3
Q3011-03	1	EPH_F2	30.05	N/A	ritesh	Evelyn	2			4
Q3011-04	2	EPH_F2	30.09	N/A	ritesh	Evelyn	2			5
Q3011-05	3	EPH_F2	30.06	N/A	ritesh	Evelyn	2			6
Q3011-05MS	3MS	EPH_F2	30.07	N/A	ritesh	Evelyn	2			U2-1
Q3011-05MS D	3MSD	EPH_F2	30.02	N/A	ritesh	Evelyn	2			2
Q3011-06	4	EPH_F2	30.04	N/A	ritesh	Evelyn	2			3
Q3011-07	5	EPH_F2	30.08	N/A	ritesh	Evelyn	2			4
Q3011-08	6	EPH_F2	30.01	N/A	ritesh	Evelyn	2			5
Q3012-03	1	EPH_F2	30.03	N/A	ritesh	Evelyn	2			6
Q3012-04	2	EPH_F2	30.07	N/A	ritesh	Evelyn	2			U3-1
Q3012-05	3	EPH_F2	30.04	N/A	ritesh	Evelyn	2			2
Q3012-06	4	EPH_F2	30.06	N/A	ritesh	Evelyn	2			3
Q3012-07	5	EPH_F2	30.02	N/A	ritesh	Evelyn	2			4

[Handwritten signature]

RS
9/4

* Extracts relinquished on the same date as received.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3012 **WorkList ID :** 191656 **Department :** Extraction **Date :** 09-04-2025 08:59:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3011-03	1	Solid	EPH_F2	Cool 4 deg C	SCIA01	J33	09/03/2025	NJEPH
Q3011-04	2	Solid	EPH_F2	Cool 4 deg C	SCIA01	J33	09/03/2025	NJEPH
Q3011-05	3	Solid	EPH_F2	Cool 4 deg C	SCIA01	J33	09/03/2025	NJEPH
Q3011-06	4	Solid	EPH_F2	Cool 4 deg C	SCIA01	J33	09/03/2025	NJEPH
Q3011-07	5	Solid	EPH_F2	Cool 4 deg C	SCIA01	J33	09/03/2025	NJEPH
Q3011-08	6	Solid	EPH_F2	Cool 4 deg C	SCIA01	J33	09/03/2025	NJEPH
Q3012-03	1	Solid	EPH_F2	Cool 4 deg C	SCIA01	J33	09/03/2025	NJEPH
Q3012-04	2	Solid	EPH_F2	Cool 4 deg C	SCIA01	J42	09/03/2025	NJEPH
Q3012-05	3	Solid	EPH_F2	Cool 4 deg C	SCIA01	J42	09/03/2025	NJEPH
Q3012-06	4	Solid	EPH_F2	Cool 4 deg C	SCIA01	J42	09/03/2025	NJEPH
Q3012-07	5	Solid	EPH_F2	Cool 4 deg C	SCIA01	J42	09/03/2025	NJEPH

Date/Time 09/04/25 9:00
Raw Sample Received by: R.S. C. (747-1066)
Raw Sample Relinquished by: CP8

Date/Time 09/04/25 9:15
Raw Sample Received by: CP8
Raw Sample Relinquished by: R.S. C. (747-1066)



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

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

Chemtech Project Number Waste
COC Number

CLIENT INFORMATION		PROJECT INFORMATION		BILLING INFORMATION	
Report to be sent to:		PROJECT NAME:		BILL TO:	
COMPANY:		PROJECT #:		PO#	
ADDRESS:		LOCATION:		ADDRESS:	
CITY:		PROJECT MANAGER:		CITY:	
STATE:		E-MAIL:		STATE:	
ATTENTION:		PHONE:		ATTENTION:	
FAX:		FAX:		PHONE:	

DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS	
FAX (RUSH) _____ DAYS*		☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data) ☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP ☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ EDD FORMAT _____ ☐ Other _____			
HARDCOPY (DATA PACKAGE): _____ DAYS*					
EDD: _____ DAYS*					
*TO BE APPROVED BY CHEMTECH					
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS					

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS	
			COLP	GWS	DATE	TIME											<-- Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
								1	2	3	4	5	6	7	8	9		
1.	WASTE				9/3/25	1		X										
2.	VOC				12:30	1			X									
3.	1				2:30	1				X								
4.	2				3:15	1				X								
5.	3				1:30	1				X								
6.	4				1:00	1				X								
7.	5				2:05	1				X								
8.	6				2:25	1												
9.																		
10.																		

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

RELINQUISHED BY SAMPLER	DATE/TIME <u>9-3-25</u>	RECEIVED BY <u>[Signature]</u>	1543	Conditions of bottles or collars at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>5.5°C</u>
1.			9-3-25	Comments: <u>[Signature]</u>
RELINQUISHED BY	DATE/TIME	RECEIVED BY		
2.				
RELINQUISHED BY	DATE/TIME <u>9-3-25</u>	RECEIVED FOR LAB BY		CLIENT: ☐ Hand Delivered ☐ Other: _____
3.				CHEMTECH: ☐ Picked Up
			Page _____ of _____	Shipment Complete ☐ YES ☐ NO

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

4 Hampton Place 23011



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

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3011	SCIA01	Order Date : 9/3/2025 3:51:00 PM	Project Mgr :
Client Name : Sciacca General Contractor		Project Name : 4 Hampton Place, Nutley	Report Type : Results Only
Client Contact : Rosanne Scirica		Receive DateTime : 9/3/2025 2:00:00 PM <i>4:25</i>	EDD Type : EXCEL NJCLEANUP
Invoice Name : Sciacca General Contractor		Purchase Order :	Hard Copy Date :
Invoice Contact : Rosanne Scirica			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3011-02	VOC	Solid	09/03/2025	08:00 12:00 <i>W</i>	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : *[Signature]*

Date / Time : 9-3-25 1630

Received By : *[Signature]*

Date / Time : 09/04/25

Storage Area : VOA Refridgerator Room