

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

LAB CHRONICLE

OrderID:	Q3410	OrderDate:	10/20/2025 4:05:00 PM
Client:	Sciacca General Contractors, LLC	Project:	49 Moore Place Belleville
Contact:	Rosanne Scirica	Location:	J11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3410-01	WASTE	SOIL	TPH GC	8015D	10/20/25	10/24/25	10/24/25	10/20/25
Q3410-03	1	Solid	EPH_F2	NJEPH	10/20/25	10/24/25	10/24/25	10/20/25
Q3410-04	2	Solid	EPH_F2	NJEPH	10/20/25	10/24/25	10/24/25	10/20/25
Q3410-05	3	Solid	EPH_F2	NJEPH	10/20/25	10/24/25	10/27/25	10/20/25
Q3410-06	4	Solid	EPH_F2	NJEPH	10/20/25	10/24/25	10/27/25	10/20/25
Q3410-07	5	Solid	EPH_F2	NJEPH	10/20/25	10/24/25	10/24/25	10/20/25



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: SCIA01
Lab Code: ACE SDG No.: Q3410
Run Number: FC102425AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB170249BL	64	67		0
PB170249BS	67	66		0
PB170249BSD	68	66		0
1	47	43		0
2	57	51		0
5	57	50		0
5MS	52	46		0
5MSD	51	46		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

Lab Name: Alliance Contract: SCIA01
 Lab Code: ACE SDG No.: Q3410
 Run Number: FC102725AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
3	59	75		0
4	87	101		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>Q3410</u>
Sample No :	<u>Q3410-07MS</u>	Datafile:	<u>FC070036.D</u>
		Client ID :	<u>5MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	38.0	124	149	64		(40-140)
Aliphatic C9-C28	126.7	27.1	98.0	56		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	4.2	0.0024	2.6377	63		(40-140)
n-Decane (C10)	4.2	0.0078	2.6856	64		(40-140)
Naphthalene (C11.7)	4.2	0.0369	2.9964	70		(40-140)
n-Dodecane (C12)	4.2	0.0081	2.7124	64		(40-140)
2-methylnaphthalene (C12.89)	4.2	0.0160	2.7216	64		(40-140)
n-Tetradecane (C14)	4.2	0.0228	2.6824	63		(40-140)
n-Hexadecane (C16)	4.2	0.0595	2.5482	59		(40-140)
n-Octadecane (C18)	4.2	0.0843	2.4816	57		(40-140)
n-Eicosane (C20)	4.2	0.1135	2.5925	59		(40-140)
n-Heneicosane (C21)	4.2	0.2449	2.7381	59		(40-140)
n-Docosane (C22)	4.2	0.1710	2.6921	60		(40-140)
n-Tetracosane (C24)	8.4	1.0493	9.6487	102		(40-140)
n-Hexacosane (C26)	4.2	0.2300	2.6692	58		(40-140)
n-Octacosane (C28)	4.2	0.6742	3.1654	59		(40-140)
n-Tricontane (C30)	4.2	0.9884	3.4123	58		(40-140)
n-Dotriacontane (C32)	4.2	2.4277	4.9082	59		(40-140)
n-Tetratriacontane (C34)	4.2	3.1972	6.0479	68		(40-140)
n-Hexatriacontane (C36)	4.2	3.7859	6.5678	66		(40-140)
n-Octatriacontane (C38)	4.2	1.7885	6.1029	103		(40-140)
n-Tetracontane (C40)	4.2	1.3195	4.8114	83		(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>Q3410</u>
Sample No :	<u>Q3410-07MSD</u>	Datafile:	<u>FC070037.D</u>
		Client ID :	<u>5MSD</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	38.0	124	149	64		0 (40-140) 50
Aliphatic C9-C28	126.7	27.1	97.5	56		0.7 (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)	4.2	0.0024	2.6388	63		0 (40-140) 50
n-Decane (C10)	4.2	0.0078	2.6870	64		0 (40-140) 50
Naphthalene (C11.7)	4.2	0.0369	2.9852	70		0 (40-140) 50
n-Dodecane (C12)	4.2	0.0081	2.6981	64		0 (40-140) 50
2-methylnaphthalene (C12.89)	4.2	0.0160	2.7097	64		0 (40-140) 50
n-Tetradecane (C14)	4.2	0.0228	2.6619	63		0 (40-140) 50
n-Hexadecane (C16)	4.2	0.0595	2.5227	59		0 (40-140) 50
n-Octadecane (C18)	4.2	0.0843	2.4518	56		1.77 (40-140) 50
n-Eicosane (C20)	4.2	0.1135	2.5573	58		1.71 (40-140) 50
n-Heneicosane (C21)	4.2	0.2449	2.7288	59		0 (40-140) 50
n-Docosane (C22)	4.2	0.1710	2.6612	59		1.68 (40-140) 50
n-Tetracosane (C24)	8.4	1.0493	9.5152	101		0.99 (40-140) 50
n-Hexacosane (C26)	4.2	0.2300	2.6530	58		0 (40-140) 50
n-Octacosane (C28)	4.2	0.6742	3.1008	58		1.71 (40-140) 50
n-Tricontane (C30)	4.2	0.9884	3.2938	55		5.31 (40-140) 50
n-Dotriacontane (C32)	4.2	2.4277	4.8148	57		3.45 (40-140) 50
n-Tetratriacontane (C34)	4.2	3.1972	5.8682	64		6.06 (40-140) 50
n-Hexatriacontane (C36)	4.2	3.7859	6.9067	74		11.43 (40-140) 50
n-Octatriacontane (C38)	4.2	1.7885	5.4445	87		16.84 (40-140) 50
n-Tetracontane (C40)	4.2	1.3195	4.8801	85		2.38 (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>Q3410</u>
Sample No :	<u>PB170249BS</u>	Datafile:	<u>FC070029.D</u>
		Client ID :	<u>PB170249BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	17.5	58		(40-140)
Aliphatic C9-C28	99.9	53.4	54		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.82133	55		(40-140)
n-Decane (C10)	3.3	1.87581	57		(40-140)
Naphthalene (C11.7)	3.3	2.12724	64		(40-140)
n-Dodecane (C12)	3.3	1.94428	59		(40-140)
2-methylnaphthalene (C12.89)	3.3	1.96993	60		(40-140)
n-Tetradecane (C14)	3.3	1.97086	60		(40-140)
n-Hexadecane (C16)	3.3	1.88526	57		(40-140)
n-Octadecane (C18)	3.3	1.85811	56		(40-140)
n-Eicosane (C20)	3.3	1.93343	59		(40-140)
n-Heneicosane (C21)	3.3	1.95283	59		(40-140)
n-Docosane (C22)	3.3	1.92667	58		(40-140)
n-Tetracosane (C24)	6.7	3.81957	57		(40-140)
n-Hexacosane (C26)	3.3	1.88633	57		(40-140)
n-Octacosane (C28)	3.3	1.93450	59		(40-140)
n-Tricontane (C30)	3.3	1.83858	56		(40-140)
n-Dotriacontane (C32)	3.3	1.80779	55		(40-140)
n-Tetratriacontane (C34)	3.3	1.81863	55		(40-140)
n-Hexatriacontane (C36)	3.3	1.71297	52		(40-140)
n-Octatriacontane (C38)	3.3	1.61317	49		(40-140)
n-Tetracontane (C40)	3.3	1.48801	45		(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>Q3410</u>
Sample No :	<u>PB170249BSD</u>	Datafile:	<u>FC070030.D</u>
		Client ID :	<u>PB170249BSD</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	17.8	59		1.7 (40-140)	25
Aliphatic C9-C28	99.9	53.9	55		1.1 (40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	3.3	1.85096	56		1.8 (40-140)	25
n-Decane (C10)	3.3	1.90886	58		1.74 (40-140)	25
Naphthalene (C11.7)	3.3	2.16058	65		1.55 (40-140)	25
n-Dodecane (C12)	3.3	1.97630	60		1.68 (40-140)	25
2-methylnaphthalene (C12.89)	3.3	1.99735	61		1.65 (40-140)	25
n-Tetradecane (C14)	3.3	1.99820	61		1.65 (40-140)	25
n-Hexadecane (C16)	3.3	1.90843	58		1.74 (40-140)	25
n-Octadecane (C18)	3.3	1.87816	57		1.77 (40-140)	25
n-Eicosane (C20)	3.3	1.95180	59		0 (40-140)	25
n-Heneicosane (C21)	3.3	1.96650	60		1.68 (40-140)	25
n-Docosane (C22)	3.3	1.93389	59		1.71 (40-140)	25
n-Tetracosane (C24)	6.7	3.84774	57		0 (40-140)	25
n-Hexacosane (C26)	3.3	1.89494	57		0 (40-140)	25
n-Octacosane (C28)	3.3	1.93414	59		0 (40-140)	25
n-Tricontane (C30)	3.3	1.83255	56		0 (40-140)	25
n-Dotriacontane (C32)	3.3	1.79539	54		1.83 (40-140)	25
n-Tetratriacontane (C34)	3.3	1.81237	55		0 (40-140)	25
n-Hexatriacontane (C36)	3.3	1.71118	52		0 (40-140)	25
n-Octatriacontane (C38)	3.3	1.61246	49		0 (40-140)	25
n-Tetracontane (C40)	3.3	1.50863	46		2.2 (40-140)	25

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170249BL

Lab Name: Alliance

Contract: SCIA01

Lab Code: ACE

SDG NO.: Q3410

Instrument ID: FID_C

Lab Sample ID: PB170249BL

Matrix: (soil/water) Solid

Date Extracted: 10/24/2025 9:40:00

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB170249BS	PB170249BS
PB170249BSD	PB170249BSD
1	Q3410-03
2	Q3410-04
3	Q3410-05
4	Q3410-06
5	Q3410-07
5MS	Q3410-07MS
5MSD	Q3410-07MSD

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	10/20/25
Project:	49 Moore Place Belleville	Date Received:	10/20/25
Client Sample ID:	1	SDG No.:	Q3410
Lab Sample ID:	Q3410-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	10/24/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
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TARGETS

Aliphatic C9-C28	Aliphatic C9-C28	28.6		1	1.14	5.00	mg/kg	FC070031.D	10/24/25 16:02	PB170249
Total EPH	Total EPH	28.6			1.14	5.00	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:	10/20/25
Project:	49 Moore Place Belleville	Date Received:	10/20/25
Client Sample ID:	1	SDG No.:	Q3410
Lab Sample ID:	Q3410-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	10/24/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	28.6	1		1.14	5.00	mg/kg	10/24/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	70.8	E 1		1.48	2.50	mg/kg	10/24/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.4			40 - 140	47%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	21.4			40 - 140	43%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3410-03	Acq On:	24 Oct 2025 16:02
Client Sample ID:	1	Operator:	YP/AJ
Data file:	FC070031.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.278	6.573	480907	3.322	300	ug/ml
Aliphatic C12-C16	6.574	9.974	2074159	12.664	200	ug/ml
Aliphatic C16-C21	9.975	13.340	23684039	146.247	300	ug/ml
Aliphatic C21-C28	13.341	17.004	26712752	181.544	400	ug/ml
Aliphatic C28-C40	17.005	21.957	91321193	848.711	600	ug/ml
Aliphatic EPH	3.278	21.957	144273050	1190		ug/ml
ortho-Terphenyl (SURR)	11.640	11.640	3757685	21.4		ug/ml
1-chlorooctadecane (SURR)	13.075	13.075	3173890	23.38		ug/ml
Aliphatic C9-C28	3.278	17.004	52951857	343.777	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070031.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 16:02
 Operator : YP/AJ
 Sample : Q3410-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 27 07:31:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.640	3757685	21.399 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
12) S 1-chlorooctadecane (S...	13.075	3173890	23.382 ug/mlm
Spiked Amount 50.000		Recovery =	46.76%

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070031.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 16:02
Operator : YP/AJ
Sample : Q3410-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

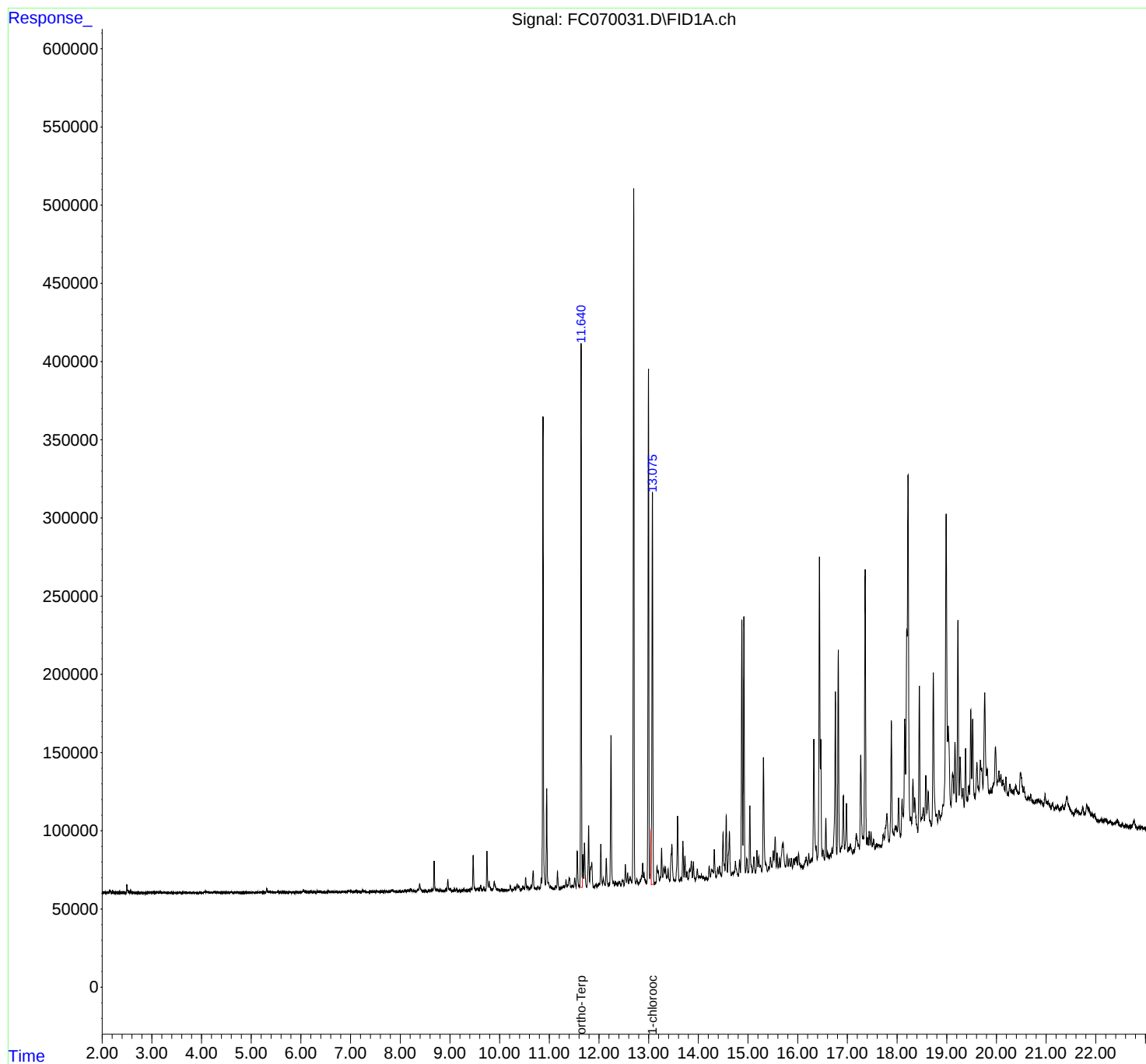
Instrument :
FID_C
ClientSampleId :
1

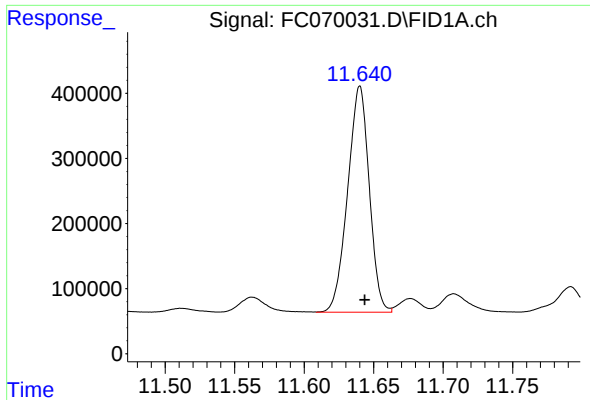
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
Quant Time: Oct 27 07:31:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





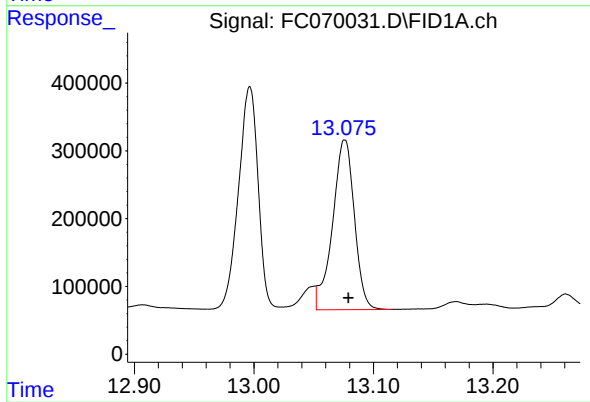
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.004 min
Response: 3757685
Conc: 21.40 ug/ml

Instrument :
FID_C
ClientSampleId :
1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.075 min
Delta R.T.: -0.004 min
Response: 3173890
Conc: 23.38 ug/ml m

Instrument :

FID_C

ClientSampleId :

1

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10242

Data File : FC070031.D

Signal(s) : FID1A.ch

Acq On : 24 Oct 2025 16:02

Sample : Q3410-03

Misc :

ALS Vial : 14 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M

Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.245	3.205	3.277	BV	27	-993	-0.02%	-0.001%
2	3.291	3.277	3.371	PV	209	4859	0.08%	0.003%
3	3.378	3.371	3.388	VV	149	706	0.01%	0.000%
4	3.401	3.388	3.478	VV	133	2088	0.03%	0.001%
5	3.484	3.478	3.505	VV	74	707	0.01%	0.000%
6	3.515	3.505	3.535	PV	90	632	0.01%	0.000%
7	3.565	3.535	3.578	VV	130	2475	0.04%	0.002%
8	3.582	3.578	3.597	VV	158	1321	0.02%	0.001%
9	3.618	3.597	3.638	VV	271	3973	0.06%	0.003%
10	3.655	3.638	3.669	VV	237	2961	0.05%	0.002%
11	3.683	3.669	3.720	VV	331	5097	0.08%	0.003%
12	3.751	3.720	3.788	VV	465	10641	0.17%	0.007%
13	3.794	3.788	3.825	VV	255	3364	0.05%	0.002%
14	3.864	3.825	3.881	VV	278	5851	0.09%	0.004%
15	3.890	3.881	3.913	VV	228	2619	0.04%	0.002%
16	3.924	3.913	3.938	PV	161	1735	0.03%	0.001%
17	3.974	3.938	4.021	VV	243	7518	0.12%	0.005%
18	4.069	4.021	4.116	VV	1048	33004	0.52%	0.022%
19	4.129	4.116	4.175	VV	580	14925	0.24%	0.010%
20	4.254	4.175	4.281	VV	659	21437	0.34%	0.014%
21	4.291	4.281	4.310	VV	395	5469	0.09%	0.004%
22	4.332	4.310	4.390	VV	400	12970	0.21%	0.009%
23	4.401	4.390	4.415	VV	245	3223	0.05%	0.002%
24	4.452	4.415	4.497	VV	454	11797	0.19%	0.008%
25	4.527	4.497	4.581	VV	412	13053	0.21%	0.009%
26	4.601	4.581	4.634	VV	579	11745	0.19%	0.008%
27	4.674	4.634	4.691	VV	517	10096	0.16%	0.007%
28	4.704	4.691	4.720	VV	296	4440	0.07%	0.003%
29	4.735	4.720	4.768	VV	289	5522	0.09%	0.004%
30	4.815	4.768	4.847	VV	206	6793	0.11%	0.005%
31	4.860	4.847	4.905	VV	178	3160	0.05%	0.002%
32	4.954	4.905	5.004	VV	307	7937	0.13%	0.005%
33	5.037	5.004	5.078	VV	231	4987	0.08%	0.003%
34	5.098	5.078	5.112	VV	257	3029	0.05%	0.002%
35	5.132	5.112	5.158	VV	258	4389	0.07%	0.003%
36	5.203	5.158	5.242	VV	442	12024	0.19%	0.008%

					retention			
37	5.313	5.242	5.361	VV	2730	45776	0.73%	0.031%
38	5.373	5.361	5.425	VV	445	13433		
39	5.436	5.425	5.472	VV	276	5326		
40	5.493	5.472	5.515	VV	281	5247		
41	5.535	5.515	5.584	VV	588	12986		
42	5.605	5.584	5.631	VV	330	6389		
43	5.655	5.631	5.678	VV	257	4525	0.07%	0.003%
44	5.685	5.678	5.698	VV	122	1078	0.02%	0.001%
45	5.721	5.698	5.738	PV	239	3529	0.06%	0.002%
46	5.744	5.738	5.771	VV	189	2304	0.04%	0.002%
47	5.795	5.771	5.818	VV	206	3280	0.05%	0.002%
48	5.842	5.818	5.881	VV	183	3191	0.05%	0.002%
49	5.914	5.881	5.926	VV	225	3937	0.06%	0.003%
50	5.943	5.926	5.965	VV	298	5023	0.08%	0.003%
51	6.051	5.965	6.152	VV	1226	46233	0.73%	0.031%
52	6.158	6.152	6.168	VV	228	1924	0.03%	0.001%
53	6.188	6.168	6.228	VV	579	12448	0.20%	0.008%
54	6.249	6.228	6.288	VV	214	6056	0.10%	0.004%
55	6.323	6.288	6.358	VV	592	11901	0.19%	0.008%
56	6.366	6.358	6.378	VV	276	2978	0.05%	0.002%
57	6.408	6.378	6.451	VV	427	12334	0.20%	0.008%
58	6.475	6.451	6.505	VV	300	5759	0.09%	0.004%
59	6.553	6.505	6.591	VV	809	18703	0.30%	0.013%
60	6.599	6.591	6.607	VV	283	2456	0.04%	0.002%
61	6.623	6.607	6.655	VV	322	6428	0.10%	0.004%
62	6.690	6.655	6.708	VV	282	5275	0.08%	0.004%
63	6.724	6.708	6.735	VV	267	2809	0.04%	0.002%
64	6.754	6.735	6.800	VV	222	5611	0.09%	0.004%
65	6.866	6.800	6.901	VV	443	18207	0.29%	0.012%
66	6.912	6.901	6.935	VV	232	4223	0.07%	0.003%
67	6.955	6.935	6.988	VV	601	16115	0.26%	0.011%
68	7.010	6.988	7.064	VV	614	19656	0.31%	0.013%
69	7.106	7.064	7.146	VV	917	20884	0.33%	0.014%
70	7.155	7.146	7.221	VV	377	7803	0.12%	0.005%
71	7.240	7.221	7.257	PV	1303	15025	0.24%	0.010%
72	7.273	7.257	7.331	VV	955	19254	0.31%	0.013%
73	7.345	7.331	7.375	VV	141	1913	0.03%	0.001%
74	7.401	7.375	7.419	VV	325	4751	0.08%	0.003%
75	7.461	7.419	7.478	VV	295	6709	0.11%	0.004%
76	7.499	7.478	7.507	VV	202	3405	0.05%	0.002%
77	7.530	7.507	7.562	VV	375	8529	0.14%	0.006%
78	7.572	7.562	7.611	VV	221	5655	0.09%	0.004%
79	7.631	7.611	7.669	VV	198	5239	0.08%	0.004%
80	7.691	7.669	7.710	VV	551	7725	0.12%	0.005%
81	7.730	7.710	7.778	VV	227	6642	0.11%	0.004%
82	7.820	7.778	7.843	VV	1029	22145	0.35%	0.015%
83	7.854	7.843	7.915	VV	959	19951	0.32%	0.013%
84	7.930	7.915	7.948	VV	247	3184	0.05%	0.002%
85	7.991	7.948	8.031	PV	502	11533	0.18%	0.008%
86	8.042	8.031	8.068	VV	364	5154	0.08%	0.003%
87	8.097	8.068	8.119	VV	958	16907	0.27%	0.011%
88	8.159	8.119	8.183	VV	792	20921	0.33%	0.014%
89	8.203	8.183	8.219	VV	1985	24214	0.38%	0.016%

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90	8.231	8.219	8.250	VV	1155	13426	0.21%	0.009%
91	8.274	8.250	8.321	VV	861	18342		
92	8.390	8.321	8.461	VV	5148	119685		
93	8.475	8.461	8.491	VV	516	6469		
94	8.502	8.491	8.551	VV	572	10125		
95	8.605	8.551	8.620	VV	714	20157		
96	8.638	8.620	8.656	VV	1225	19255	0.31%	0.013%
97	8.682	8.656	8.732	VV	19467	223708	3.56%	0.150%
98	8.742	8.732	8.791	VV	1004	26980	0.43%	0.018%
99	8.809	8.791	8.882	VV	883	27212	0.43%	0.018%
100	8.922	8.882	8.936	VV	1447	22540	0.36%	0.015%
101	8.958	8.936	8.986	VV	7458	102638	1.63%	0.069%
102	9.005	8.986	9.071	VV	1291	33618	0.53%	0.023%
103	9.092	9.071	9.111	PV	1513	17696	0.28%	0.012%
104	9.131	9.111	9.174	VV	1243	19602	0.31%	0.013%
105	9.190	9.174	9.206	VV	558	5215	0.08%	0.003%
106	9.248	9.206	9.261	VV	940	13375	0.21%	0.009%
107	9.282	9.261	9.318	VV	971	17010	0.27%	0.011%
108	9.334	9.318	9.348	VV	400	4988	0.08%	0.003%
109	9.382	9.348	9.405	VV	898	15870	0.25%	0.011%
110	9.425	9.405	9.443	VV	1675	24374	0.39%	0.016%
111	9.468	9.443	9.528	VV	22843	291993	4.64%	0.195%
112	9.547	9.528	9.574	VV	1523	28857	0.46%	0.019%
113	9.588	9.574	9.598	VV	1319	15025	0.24%	0.010%
114	9.619	9.598	9.660	VV	3676	60553	0.96%	0.041%
115	9.680	9.660	9.718	VV	1879	31512	0.50%	0.021%
116	9.746	9.718	9.773	VV	25498	301753	4.80%	0.202%
117	9.790	9.773	9.853	VV	5795	104636	1.66%	0.070%
118	9.892	9.853	9.940	VV	5813	130656	2.08%	0.087%
119	9.952	9.940	10.012	VV	1353	28566	0.45%	0.019%
120	10.039	10.012	10.085	PV	451	10643	0.17%	0.007%
121	10.101	10.085	10.115	VV	148	2224	0.04%	0.001%
122	10.123	10.115	10.150	VV	285	3640	0.06%	0.002%
123	10.175	10.150	10.192	PV	337	4526	0.07%	0.003%
124	10.217	10.192	10.246	VV	2546	32201	0.51%	0.022%
125	10.264	10.246	10.278	VV	415	4814	0.08%	0.003%
126	10.301	10.278	10.331	VV	1746	33756	0.54%	0.023%
127	10.352	10.331	10.370	VV	3875	54344	0.86%	0.036%
128	10.389	10.370	10.418	VV	2303	41287	0.66%	0.028%
129	10.467	10.418	10.500	VV	2628	47185	0.75%	0.032%
130	10.524	10.500	10.554	VV	7720	112713	1.79%	0.075%
131	10.568	10.554	10.592	VV	2229	31933	0.51%	0.021%
132	10.610	10.592	10.620	VV	940	12492	0.20%	0.008%
133	10.638	10.620	10.648	VV	3005	33006	0.52%	0.022%
134	10.675	10.648	10.725	VV	12029	196579	3.12%	0.132%
135	10.738	10.725	10.755	VV	695	10120	0.16%	0.007%
136	10.772	10.755	10.791	VV	2198	27130	0.43%	0.018%
137	10.802	10.791	10.816	VV	880	11872	0.19%	0.008%
138	10.838	10.816	10.847	VV	7175	73157	1.16%	0.049%
139	10.874	10.847	10.923	VV	302768	3369288	53.56%	2.256%
140	10.947	10.923	11.014	VV	64335	814173	12.94%	0.545%
141	11.029	11.014	11.075	VV	1642	34171	0.54%	0.023%

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142	11.085	11.075	11.098	VV	323	3316	0.05%	0.002%	
143	11.127	11.098	11.143	VV	2117	26546			
144	11.165	11.143	11.206	VV	11216	145881			
145	11.244	11.206	11.256	PV	590	8754			
146	11.289	11.256	11.305	VV	1651	32654			
147	11.336	11.305	11.359	VV	5616	79937			
148	11.404	11.359	11.429	VV	6521	145343	2.31%	0.097%	
149	11.471	11.429	11.488	VV	1812	42728	0.68%	0.029%	
150	11.512	11.488	11.538	VV	6496	94868	1.51%	0.064%	
151	11.563	11.538	11.607	VV	23680	323256	5.14%	0.216%	
152	11.640	11.607	11.663	VV	349166	3770683	59.94%	2.525%	
153	11.676	11.663	11.691	VV	21350	234393	3.73%	0.157%	
154	11.708	11.691	11.753	VV	28568	396390	6.30%	0.265%	
155	11.791	11.753	11.812	VV	39332	512962	8.15%	0.343%	
156	11.854	11.812	11.889	VV	16094	407384	6.48%	0.273%	
157	11.905	11.889	11.914	PV	591	5969	0.09%	0.004%	
158	11.939	11.914	11.959	VV	1923	29437	0.47%	0.020%	
159	12.004	11.959	12.014	VV	2205	42816	0.68%	0.029%	
160	12.037	12.014	12.069	VV	27124	348542	5.54%	0.233%	
161	12.088	12.069	12.123	VV	5384	98386	1.56%	0.066%	
162	12.147	12.123	12.188	VV	17852	238920	3.80%	0.160%	
163	12.242	12.188	12.311	VV	96453	1279877	20.34%	0.857%	
164	12.329	12.311	12.366	VV	2105	51371	0.82%	0.034%	
165	12.398	12.366	12.445	VV	2335	63344	1.01%	0.042%	
166	12.468	12.445	12.506	VV	3636	70348	1.12%	0.047%	
167	12.532	12.506	12.557	VV	13509	175336	2.79%	0.117%	
168	12.577	12.557	12.597	VV	8064	104863	1.67%	0.070%	
169	12.627	12.597	12.660	VV	4574	117457	1.87%	0.079%	
170	12.699	12.660	12.740	VV	443105	5077671	80.71%	3.400%	
171	12.762	12.740	12.807	VV	3564	61778	0.98%	0.041%	
172	12.880	12.807	12.896	VV	13557	263937	4.20%	0.177%	
173	12.907	12.896	12.960	VV	7071	120093	1.91%	0.080%	
174	12.996	12.960	13.024	VV	330689	3763536	59.83%	2.520%	
175	13.076	13.024	13.115	VV	250861	3452752	54.88%	2.312%	
176	13.169	13.115	13.185	PV	11188	160983	2.56%	0.108%	
177	13.193	13.185	13.218	VV	7555	102452	1.63%	0.069%	
178	13.261	13.218	13.284	VV	22223	323877	5.15%	0.217%	
179	13.309	13.284	13.325	VV	9886	169673	2.70%	0.114%	
180	13.339	13.325	13.359	VV	10406	144955	2.30%	0.097%	
181	13.369	13.359	13.373	VV	3799	30910	0.49%	0.021%	
182	13.391	13.373	13.425	VV	8738	132753	2.11%	0.089%	
183	13.468	13.425	13.529	VV	24371	540600	8.59%	0.362%	
184	13.583	13.529	13.621	VV	40863	613455	9.75%	0.411%	
185	13.649	13.621	13.665	VV	2890	40526	0.64%	0.027%	
186	13.690	13.665	13.712	VV	25505	332377	5.28%	0.223%	
187	13.731	13.712	13.754	VV	15964	210229	3.34%	0.141%	
188	13.771	13.754	13.794	VV	6071	83158	1.32%	0.056%	
189	13.826	13.794	13.836	VV	7127	112405	1.79%	0.075%	
190	13.859	13.836	13.882	VV	12640	219157	3.48%	0.147%	
191	13.901	13.882	13.940	VV	12025	166744	2.65%	0.112%	
192	13.979	13.940	14.001	VV	7213	121968	1.94%	0.082%	
193	14.021	14.001	14.039	VV	2744	48583	0.77%	0.033%	
194	14.060	14.039	14.100	VV	3042	74607	1.19%	0.050%	

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195	14.112	14.100	14.131	VV	1746	19655	0.31%	0.013%
196	14.168	14.131	14.192	PV	1070	24811		
197	14.218	14.192	14.243	PV	8179	124182		
198	14.269	14.243	14.300	VV	5833	160873		
199	14.321	14.300	14.357	VV	18736	276845		
200	14.390	14.357	14.406	VV	6530	104275		
201	14.427	14.406	14.467	VV	7677	150450	2.39%	0.101%
202	14.497	14.467	14.537	VV	28917	510109	8.11%	0.342%
203	14.561	14.537	14.586	VV	39470	539148	8.57%	0.361%
204	14.625	14.586	14.665	VV	29185	568008	9.03%	0.380%
205	14.685	14.665	14.699	VV	2674	39841	0.63%	0.027%
206	14.746	14.699	14.803	VV	9466	226123	3.59%	0.151%
207	14.829	14.803	14.846	PV	10231	129058	2.05%	0.086%
208	14.876	14.846	14.895	VV	163004	2010484	31.96%	1.346%
209	14.917	14.895	14.949	VV	165215	1979937	31.47%	1.326%
210	14.976	14.949	15.001	VV	10229	159630	2.54%	0.107%
211	15.036	15.001	15.087	VV	43927	629061	10.00%	0.421%
212	15.118	15.087	15.146	VV	10855	173535	2.76%	0.116%
213	15.179	15.146	15.199	VV	14779	213546	3.39%	0.143%
214	15.216	15.199	15.238	VV	10485	161413	2.57%	0.108%
215	15.251	15.238	15.278	VV	5237	84322	1.34%	0.056%
216	15.311	15.278	15.390	VV	72793	1206592	19.18%	0.808%
217	15.413	15.390	15.429	VV	3167	51005	0.81%	0.034%
218	15.451	15.429	15.481	VV	9340	168854	2.68%	0.113%
219	15.507	15.481	15.522	VV	13105	201011	3.20%	0.135%
220	15.547	15.522	15.569	VV	21765	360979	5.74%	0.242%
221	15.586	15.569	15.615	VV	11519	166968	2.65%	0.112%
222	15.632	15.615	15.650	VV	7882	107664	1.71%	0.072%
223	15.707	15.650	15.753	VV	17362	588116	9.35%	0.394%
224	15.785	15.753	15.806	VV	9206	160649	2.55%	0.108%
225	15.828	15.806	15.853	VV	6685	118329	1.88%	0.079%
226	15.872	15.853	15.894	VV	6952	93219	1.48%	0.062%
227	15.918	15.894	15.935	VV	6456	94504	1.50%	0.063%
228	15.955	15.935	15.966	VV	6968	101552	1.61%	0.068%
229	15.979	15.966	15.997	VV	7682	101564	1.61%	0.068%
230	16.018	15.997	16.071	VV	9515	170368	2.71%	0.114%
231	16.080	16.071	16.100	VV	1284	10807	0.17%	0.007%
232	16.171	16.100	16.202	PV	6462	171342	2.72%	0.115%
233	16.223	16.202	16.242	VV	8426	114289	1.82%	0.077%
234	16.254	16.242	16.263	VV	3733	44128	0.70%	0.030%
235	16.281	16.263	16.293	VV	4961	73397	1.17%	0.049%
236	16.326	16.293	16.362	VV	81255	1359450	21.61%	0.910%
237	16.370	16.362	16.393	VV	12819	170273	2.71%	0.114%
238	16.438	16.393	16.492	VV	196408	3699415	58.81%	2.477%
239	16.511	16.492	16.541	VV	9468	195419	3.11%	0.131%
240	16.567	16.541	16.590	VV	29838	406584	6.46%	0.272%
241	16.603	16.590	16.640	VV	7809	169128	2.69%	0.113%
242	16.660	16.640	16.672	VV	6792	109789	1.75%	0.074%
243	16.690	16.672	16.705	VV	10012	147860	2.35%	0.099%
244	16.759	16.705	16.786	VV	108724	1750694	27.83%	1.172%
245	16.817	16.786	16.856	VV	136139	1948834	30.98%	1.305%
246	16.919	16.856	16.945	VV	42582	933607	14.84%	0.625%

Instrument :

FID_C

ClientSampleId :

1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

						Instrument : FID_C		
						ClientSampleId : 1		
rteres						Manual IntegrationsAPPROVED		
247	16.982	16.945	17.008	VV	37504	703584	11.18%	0.471%
248	17.027	17.008	17.041	VV	8794	154792		
249	17.062	17.041	17.103	VV	10468	299531		
250	17.123	17.103	17.138	VV	7019	131256		
						Reviewed By :Yogesh Patel 10/27/2025		
						Supervised By :mohammad ahmed 10/29/2025		
251	17.180	17.138	17.241	VV	17378	686626	10.95%	1.851%
252	17.269	17.241	17.328	VV	66893	1430675	22.63%	1.851%
253	17.358	17.328	17.388	VV	184661	2764970	43.95%	1.851%
254	17.404	17.388	17.419	VV	13875	216429	3.44%	0.145%
255	17.439	17.419	17.458	VV	17575	300273	4.77%	0.201%
256	17.476	17.458	17.504	VV	16880	333604	5.30%	0.223%
257	17.528	17.504	17.555	VV	11954	283081	4.50%	0.190%
258	17.593	17.555	17.612	VV	9025	267460	4.25%	0.179%
259	17.628	17.612	17.647	VV	8305	165648	2.63%	0.111%
260	17.659	17.647	17.675	VV	7945	126199	2.01%	0.084%
261	17.721	17.675	17.741	VV	14478	412745	6.56%	0.276%
262	17.795	17.741	17.836	VV	27441	1023074	16.26%	0.685%
263	17.885	17.836	17.938	VV	86348	1786389	28.40%	1.196%
264	17.964	17.938	17.978	VV	18583	393991	6.26%	0.264%
265	17.990	17.978	18.007	VV	18075	291519	4.63%	0.195%
266	18.030	18.007	18.069	VV	36597	801199	12.74%	0.536%
267	18.100	18.069	18.123	VV	35735	782416	12.44%	0.524%
268	18.154	18.123	18.171	VV	86104	1575099	25.04%	1.055%
269	18.220	18.171	18.265	VV	244202	6290901	100.00%	4.212%
270	18.278	18.265	18.294	VV	23185	371289	5.90%	0.249%
271	18.319	18.294	18.340	VV	47093	928331	14.76%	0.622%
272	18.356	18.340	18.417	VV	35190	1089728	17.32%	0.730%
273	18.448	18.417	18.478	VV	106501	1763799	28.04%	1.181%
274	18.528	18.478	18.550	VV	28175	1006483	16.00%	0.674%
275	18.579	18.550	18.599	VV	48644	990007	15.74%	0.663%
276	18.626	18.599	18.691	VV	37978	1362302	21.66%	0.912%
277	18.730	18.691	18.788	VV	113680	2612126	41.52%	1.749%
278	18.796	18.788	18.818	VV	22738	375465	5.97%	0.251%
279	18.843	18.818	18.869	VV	24958	659601	10.49%	0.442%
280	18.988	18.869	19.017	VV	213491	5788683	92.02%	3.876%
281	19.030	19.017	19.088	VV	77781	2241473	35.63%	1.501%
282	19.119	19.088	19.144	VV	47454	1352532	21.50%	0.906%
283	19.166	19.144	19.192	VV	67521	1378092	21.91%	0.923%
284	19.225	19.192	19.250	VV	144341	2550999	40.55%	1.708%
285	19.270	19.250	19.307	VV	57191	1450224	23.05%	0.971%
286	19.325	19.307	19.351	VV	36835	851745	13.54%	0.570%
287	19.379	19.351	19.403	VV	62375	1304546	20.74%	0.873%
288	19.442	19.403	19.458	VV	37981	1100060	17.49%	0.737%
289	19.484	19.458	19.502	VV	86549	1574466	25.03%	1.054%
290	19.522	19.502	19.571	VV	80295	1983900	31.54%	1.328%
291	19.608	19.571	19.652	VV	52470	1938947	30.82%	1.298%
292	19.678	19.652	19.729	VV	53751	2082251	33.10%	1.394%
293	19.765	19.729	19.799	VV	96444	2638180	41.94%	1.766%
294	19.816	19.799	19.846	VV	47553	1176613	18.70%	0.788%
295	19.856	19.846	19.874	VV	33007	548812	8.72%	0.367%
296	19.891	19.874	19.907	VV	35287	655730	10.42%	0.439%
297	19.981	19.907	20.012	VV	61193	2729755	43.39%	1.828%
298	20.051	20.012	20.071	VV	45423	1423870	22.63%	0.953%
299	20.091	20.071	20.111	VV	42991	943116	14.99%	0.631%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

					reres		ClientsSampled : 1	
300	20.134	20.111	20.169	VV	38747	1259451	20.02%	0.843%
301	20.191	20.169	20.235	VV	40701	1339376	21.02%	0.843%
302	20.272	20.235	20.295	VV	35813	1191186	18.02%	0.843%
303	20.309	20.295	20.321	VV	32577	479152	7.02%	0.843%
304	20.334	20.321	20.350	VV	31365	540198	8.02%	0.843%
305	20.390	20.350	20.431	VV	34618	1547583	24.02%	0.843%
306	20.444	20.431	20.454	VV	29578	394085	6.26%	0.264%
307	20.483	20.454	20.539	VV	42326	1833829	29.15%	1.228%
308	20.556	20.539	20.614	VV	33281	1287075	20.46%	0.862%
309	20.644	20.614	20.672	VV	25940	873205	13.88%	0.585%
310	20.691	20.672	20.731	VV	27607	881678	14.02%	0.590%
311	20.742	20.731	20.759	VV	23204	368261	5.85%	0.247%
312	20.779	20.759	20.797	VV	23250	513200	8.16%	0.344%
313	20.816	20.797	20.831	VV	24099	477304	7.59%	0.320%
314	20.850	20.831	20.885	VV	23929	729423	11.59%	0.488%
315	20.903	20.885	20.940	VV	22990	723830	11.51%	0.485%
316	20.980	20.940	21.015	VV	26625	999301	15.88%	0.669%
317	21.041	21.015	21.098	VV	21595	992367	15.77%	0.664%
318	21.126	21.098	21.175	VV	20249	832317	13.23%	0.557%
319	21.191	21.175	21.205	VV	17696	307399	4.89%	0.206%
320	21.237	21.205	21.272	VV	18279	682701	10.85%	0.457%
321	21.294	21.272	21.311	VV	16604	375083	5.96%	0.251%
322	21.330	21.311	21.360	VV	18086	490385	7.80%	0.328%
323	21.419	21.360	21.566	VV	23014	1999943	31.79%	1.339%
324	21.605	21.566	21.629	VV	14481	494397	7.86%	0.331%
325	21.643	21.629	21.691	VV	13087	449457	7.14%	0.301%
326	21.736	21.691	21.785	VV	15097	686674	10.92%	0.460%
327	21.820	21.785	21.908	VV	16320	929743	14.78%	0.622%
328	21.923	21.908	21.953	VV	10119	251588	4.00%	0.168%
329	21.977	21.953	22.078	VV	9020	482481	7.67%	0.323%
330	22.115	22.078	22.174	VV	5882	282119	4.48%	0.189%
331	22.188	22.174	22.258	VV	5592	214767	3.41%	0.144%
332	22.288	22.258	22.358	VV	3942	171932	2.73%	0.115%
333	22.376	22.358	22.398	VV	2219	48432	0.77%	0.032%
334	22.419	22.398	22.439	VV	3633	71317	1.13%	0.048%
335	22.444	22.439	22.483	VV	3562	45794	0.73%	0.031%

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	10/20/25
Project:	49 Moore Place Belleville	Date Received:	10/20/25
Client Sample ID:	2	SDG No.:	Q3410
Lab Sample ID:	Q3410-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.7
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	10/24/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	24.0		1	1.01	4.44	mg/kg	FC070032.D	10/24/25 16:44	PB170249
Total EPH	Total EPH	24.0			1.01	4.44	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:	10/20/25
Project:	49 Moore Place Belleville	Date Received:	10/20/25
Client Sample ID:	2	SDG No.:	Q3410
Lab Sample ID:	Q3410-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.7
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL
Prep Method :		Prep Date	10/24/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	24.0	1		1.01	4.44	mg/kg	10/24/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	70.3	E 1		1.31	2.23	mg/kg	10/24/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	28.7			40 - 140	57%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.4			40 - 140	51%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3410-04	Acq On:	24 Oct 2025 16:44
Client Sample ID:	2	Operator:	YP/AJ
Data file:	FC070032.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.278	6.573	981254	6.777	300	ug/ml
Aliphatic C12-C16	6.574	9.974	2431774	14.848	200	ug/ml
Aliphatic C16-C21	9.975	13.340	23227689	143.429	300	ug/ml
Aliphatic C21-C28	13.341	17.004	23407850	159.083	400	ug/ml
Aliphatic C28-C40	17.005	21.957	101877135	946.815	600	ug/ml
Aliphatic EPH	3.278	21.957	151925702	1270		ug/ml
ortho-Terphenyl (SURR)	11.643	11.643	4454617	25.37		ug/ml
1-chlorooctadecane (SURR)	13.077	13.077	3895994	28.7		ug/ml
Aliphatic C9-C28	3.278	17.004	50048567	324.137	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070032.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 16:44
 Operator : YP/AJ
 Sample : Q3410-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 2

Integration File: sample.E
 Quant Time: Oct 27 07:32:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.643	4454617	25.368 ug/ml
Spiked Amount 50.000		Recovery =	50.74%
12) S 1-chlorooctadecane (S...	13.077	3895994	28.701 ug/ml
Spiked Amount 50.000		Recovery =	57.40%

Target Compounds

(f)=RT Delta > 1/2 Window

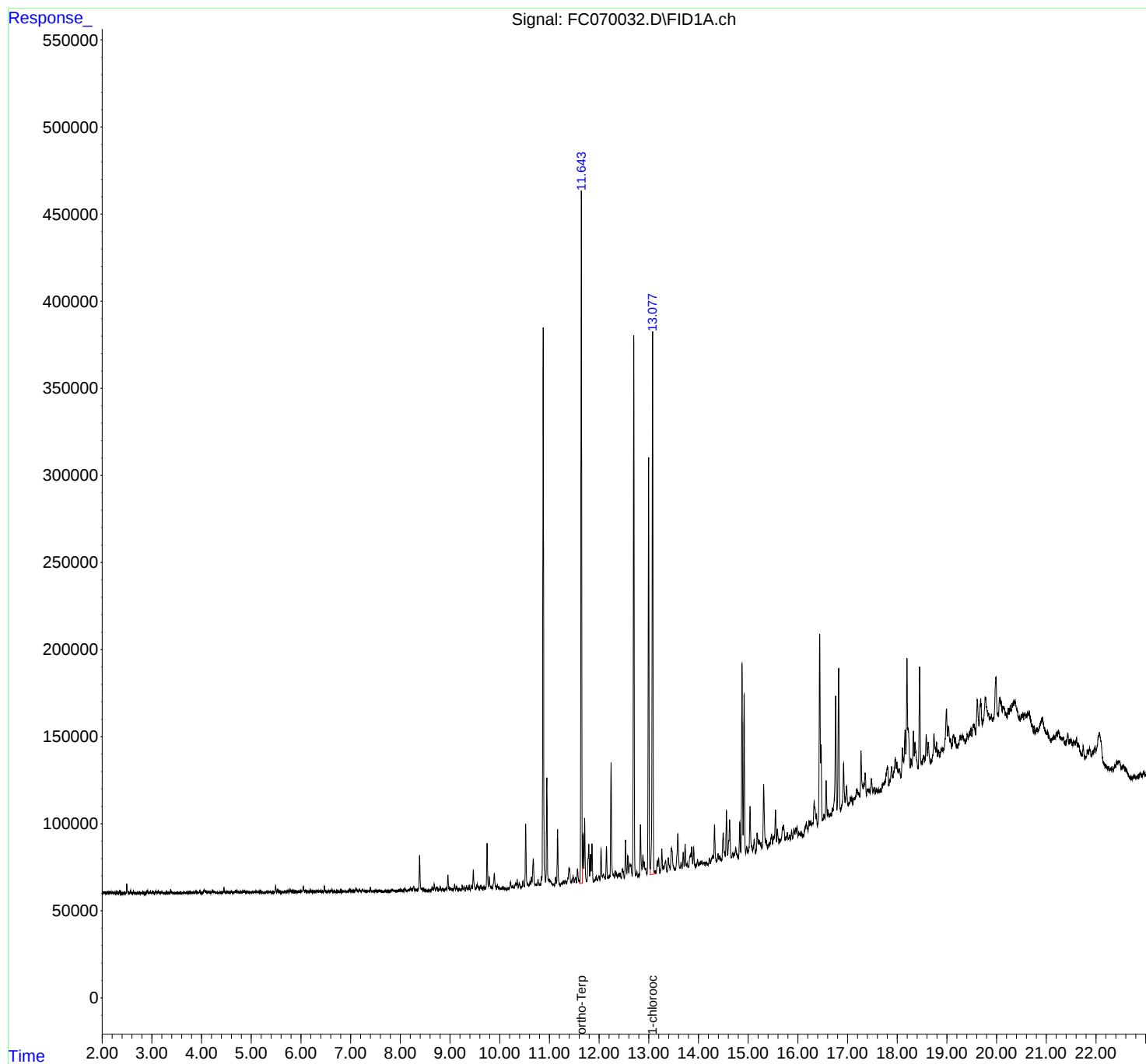
(m)=manual int.

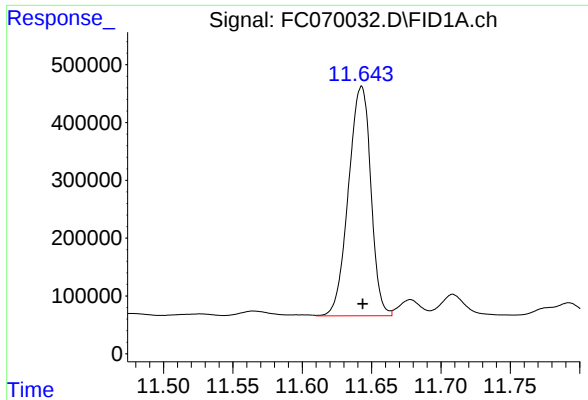
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070032.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 16:44
Operator : YP/AJ
Sample : Q3410-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
2

Integration File: sample.E
Quant Time: Oct 27 07:32:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

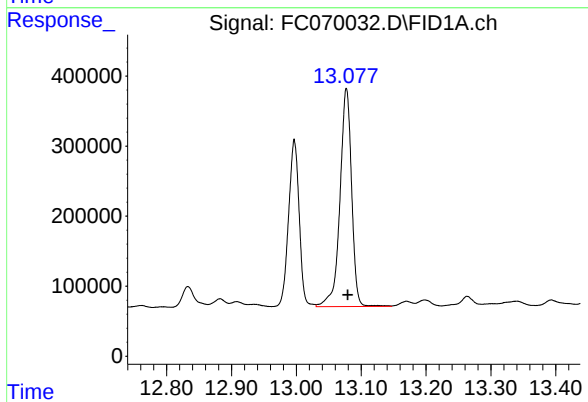




#9 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: -0.001 min
Response: 4454617
Conc: 25.37 ug/ml

Instrument :
FID_C
ClientSampleId :
2



#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min
Delta R.T.: -0.002 min
Response: 3895994
Conc: 28.70 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070032.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 16:44
 Sample : Q3410-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.258	3.241	3.272	PV	174	1665	0.04%	0.001%
2	3.288	3.272	3.357	VV	558	10314	0.23%	0.007%
3	3.378	3.357	3.454	VV	2222	26989	0.61%	0.017%
4	3.479	3.454	3.493	PV	199	2641	0.06%	0.002%
5	3.505	3.493	3.544	VV	324	4786	0.11%	0.003%
6	3.569	3.544	3.614	VV	362	7431	0.17%	0.005%
7	3.652	3.614	3.674	VV	653	10112	0.23%	0.006%
8	3.710	3.674	3.733	VV	329	7548	0.17%	0.005%
9	3.753	3.733	3.780	VV	1150	16013	0.36%	0.010%
10	3.791	3.780	3.805	VV	401	4869	0.11%	0.003%
11	3.826	3.805	3.839	VV	562	7259	0.16%	0.005%
12	3.846	3.839	3.860	VV	333	3151	0.07%	0.002%
13	3.877	3.860	3.889	VV	1125	10869	0.24%	0.007%
14	3.896	3.889	3.909	VV	628	5561	0.12%	0.004%
15	3.924	3.909	3.941	VV	693	6702	0.15%	0.004%
16	3.962	3.941	4.013	VV	1100	17404	0.39%	0.011%
17	4.051	4.013	4.068	PV	1847	29076	0.65%	0.018%
18	4.078	4.068	4.126	VV	1297	26501	0.59%	0.017%
19	4.146	4.126	4.181	VV	921	16127	0.36%	0.010%
20	4.217	4.181	4.241	VV	1963	28767	0.65%	0.018%
21	4.254	4.241	4.281	VV	824	14460	0.32%	0.009%
22	4.292	4.281	4.340	VV	608	11111	0.25%	0.007%
23	4.370	4.340	4.389	VV	387	6253	0.14%	0.004%
24	4.407	4.389	4.425	VV	402	5724	0.13%	0.004%
25	4.451	4.425	4.484	VV	3368	36579	0.82%	0.023%
26	4.497	4.484	4.514	VV	900	9843	0.22%	0.006%
27	4.525	4.514	4.545	VV	547	7223	0.16%	0.005%
28	4.557	4.545	4.579	VV	396	5979	0.13%	0.004%
29	4.600	4.579	4.637	VV	1144	20201	0.45%	0.013%
30	4.673	4.637	4.691	VV	954	20007	0.45%	0.013%
31	4.706	4.691	4.722	VV	1299	14101	0.32%	0.009%
32	4.737	4.722	4.774	VV	625	11843	0.27%	0.007%
33	4.786	4.774	4.817	VV	834	14570	0.33%	0.009%
34	4.832	4.817	4.849	VV	1008	12524	0.28%	0.008%
35	4.870	4.849	4.892	VV	1043	16471	0.37%	0.010%
36	4.908	4.892	4.918	VV	763	8247	0.19%	0.005%

					rteres			
37	4.928	4.918	4.964	VV	675	10240	0.23%	0.006%
38	4.982	4.964	4.995	VV	528	5864	0.13%	0.004%
39	5.015	4.995	5.034	VV	361	5791	0.13%	0.004%
40	5.060	5.034	5.074	VV	532	8650	0.19%	0.005%
41	5.095	5.074	5.120	VV	940	16432	0.37%	0.010%
42	5.132	5.120	5.159	VV	650	11133	0.25%	0.007%
43	5.173	5.159	5.185	VV	978	10542	0.24%	0.007%
44	5.195	5.185	5.241	VV	851	11422	0.26%	0.007%
45	5.263	5.241	5.274	VV	183	2389	0.05%	0.002%
46	5.313	5.274	5.336	PV	796	15389	0.35%	0.010%
47	5.383	5.336	5.401	VV	495	14872	0.33%	0.009%
48	5.415	5.401	5.460	VV	279	6582	0.15%	0.004%
49	5.491	5.460	5.511	VV	4006	42688	0.96%	0.027%
50	5.536	5.511	5.598	VV	1338	31334	0.70%	0.020%
51	5.604	5.598	5.643	VV	286	5722	0.13%	0.004%
52	5.679	5.643	5.699	VV	974	16009	0.36%	0.010%
53	5.743	5.699	5.758	VV	858	17382	0.39%	0.011%
54	5.777	5.758	5.815	VV	1183	28350	0.64%	0.018%
55	5.832	5.815	5.852	VV	859	11198	0.25%	0.007%
56	5.865	5.852	5.884	VV	470	6372	0.14%	0.004%
57	5.904	5.884	5.923	VV	565	8721	0.20%	0.006%
58	5.945	5.923	5.971	VV	722	11392	0.26%	0.007%
59	6.003	5.971	6.020	VV	696	15495	0.35%	0.010%
60	6.048	6.020	6.078	VV	3492	53090	1.19%	0.033%
61	6.090	6.078	6.114	VV	908	13580	0.30%	0.009%
62	6.134	6.114	6.161	VV	758	13250	0.30%	0.008%
63	6.191	6.161	6.214	VV	1097	19468	0.44%	0.012%
64	6.235	6.214	6.247	VV	399	7017	0.16%	0.004%
65	6.264	6.247	6.299	VV	509	11842	0.27%	0.007%
66	6.321	6.299	6.348	VV	688	12796	0.29%	0.008%
67	6.365	6.348	6.381	VV	784	10334	0.23%	0.007%
68	6.399	6.381	6.424	VV	604	9906	0.22%	0.006%
69	6.474	6.424	6.524	VV	3403	45318	1.02%	0.029%
70	6.556	6.524	6.579	VV	724	13428	0.30%	0.008%
71	6.586	6.579	6.603	VV	412	5508	0.12%	0.003%
72	6.623	6.603	6.647	VV	1589	19846	0.45%	0.013%
73	6.676	6.647	6.708	VV	676	12800	0.29%	0.008%
74	6.725	6.708	6.744	VV	393	5663	0.13%	0.004%
75	6.753	6.744	6.769	VV	340	3764	0.08%	0.002%
76	6.798	6.769	6.842	VV	755	16454	0.37%	0.010%
77	6.877	6.842	6.896	VV	470	10646	0.24%	0.007%
78	6.918	6.896	6.930	VV	320	5309	0.12%	0.003%
79	6.998	6.930	7.019	VV	900	35311	0.79%	0.022%
80	7.035	7.019	7.064	VV	867	17198	0.39%	0.011%
81	7.078	7.064	7.087	VV	808	9084	0.20%	0.006%
82	7.106	7.087	7.150	VV	2111	37340	0.84%	0.024%
83	7.178	7.150	7.218	VV	1518	26542	0.60%	0.017%
84	7.240	7.218	7.261	VV	1642	20150	0.45%	0.013%
85	7.274	7.261	7.330	VV	572	15377	0.35%	0.010%
86	7.357	7.330	7.374	VV	337	6404	0.14%	0.004%
87	7.399	7.374	7.436	VV	2619	31396	0.70%	0.020%
88	7.449	7.436	7.458	VV	254	2827	0.06%	0.002%
89	7.464	7.458	7.480	VV	278	3007	0.07%	0.002%

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90	7.490	7.480	7.508	VV	320	3909	0.09%	0.002%
91	7.524	7.508	7.538	VV	267	3343	0.08%	0.002%
92	7.575	7.538	7.643	VV	680	17178	0.39%	0.011%
93	7.690	7.643	7.723	PV	504	9526	0.21%	0.006%
94	7.740	7.723	7.798	VV	340	7705	0.17%	0.005%
95	7.834	7.798	7.846	VV	1060	18151	0.41%	0.011%
96	7.853	7.846	7.911	VV	920	19959	0.45%	0.013%
97	7.920	7.911	7.939	VV	314	3553	0.08%	0.002%
98	7.968	7.939	7.979	VV	651	9025	0.20%	0.006%
99	8.000	7.979	8.068	VV	728	24377	0.55%	0.015%
100	8.091	8.068	8.137	VV	1550	32485	0.73%	0.020%
101	8.169	8.137	8.183	VV	844	16980	0.38%	0.011%
102	8.203	8.183	8.218	VV	2083	26402	0.59%	0.017%
103	8.230	8.218	8.245	VV	1337	16163	0.36%	0.010%
104	8.269	8.245	8.301	VV	2934	49489	1.11%	0.031%
105	8.314	8.301	8.338	VV	635	11687	0.26%	0.007%
106	8.388	8.338	8.425	VV	20488	258873	5.81%	0.163%
107	8.437	8.425	8.464	VV	1350	22082	0.50%	0.014%
108	8.477	8.464	8.512	VV	791	15380	0.35%	0.010%
109	8.521	8.512	8.576	VV	355	8281	0.19%	0.005%
110	8.598	8.576	8.614	PV	273	3887	0.09%	0.002%
111	8.640	8.614	8.661	VV	1696	27094	0.61%	0.017%
112	8.683	8.661	8.711	VV	3769	50274	1.13%	0.032%
113	8.735	8.711	8.762	VV	1897	38539	0.87%	0.024%
114	8.769	8.762	8.788	VV	762	10087	0.23%	0.006%
115	8.805	8.788	8.826	VV	1795	25785	0.58%	0.016%
116	8.850	8.826	8.878	VV	728	18928	0.42%	0.012%
117	8.922	8.878	8.936	VV	1247	25325	0.57%	0.016%
118	8.958	8.936	9.063	VV	8858	146760	3.30%	0.093%
119	9.093	9.063	9.114	VV	3579	44130	0.99%	0.028%
120	9.133	9.114	9.172	VV	2190	31518	0.71%	0.020%
121	9.193	9.172	9.220	VV	610	9483	0.21%	0.006%
122	9.247	9.220	9.264	VV	2196	27857	0.63%	0.018%
123	9.281	9.264	9.307	VV	2270	26794	0.60%	0.017%
124	9.333	9.307	9.353	VV	2701	33776	0.76%	0.021%
125	9.385	9.353	9.407	VV	2386	35721	0.80%	0.023%
126	9.427	9.407	9.446	VV	2886	34998	0.79%	0.022%
127	9.469	9.446	9.524	VV	11288	167631	3.76%	0.106%
128	9.547	9.524	9.580	VV	3145	54763	1.23%	0.035%
129	9.616	9.580	9.637	VV	2240	45636	1.02%	0.029%
130	9.647	9.637	9.664	VV	1133	14497	0.33%	0.009%
131	9.679	9.664	9.697	VV	1539	21484	0.48%	0.014%
132	9.747	9.697	9.773	VV	26450	332755	7.47%	0.210%
133	9.790	9.773	9.826	VV	7064	105918	2.38%	0.067%
134	9.839	9.826	9.855	VV	1493	21307	0.48%	0.013%
135	9.892	9.855	9.935	VV	9153	173030	3.88%	0.109%
136	9.954	9.935	10.018	VV	2004	44623	1.00%	0.028%
137	10.050	10.018	10.114	VV	958	24503	0.55%	0.015%
138	10.123	10.114	10.138	VV	107	1161	0.03%	0.001%
139	10.218	10.138	10.244	PV	3813	63586	1.43%	0.040%
140	10.263	10.244	10.284	VV	1583	22335	0.50%	0.014%
141	10.324	10.284	10.336	VV	3118	56913	1.28%	0.036%

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142	10.352	10.336	10.376	VV	4439	61204	1.37%	0.039%
143	10.394	10.376	10.429	VV	3042	46880	1.05%	0.030%
144	10.468	10.429	10.497	VV	3613	61821	1.39%	0.039%
145	10.523	10.497	10.582	VV	36602	459387	10.31%	0.290%
146	10.611	10.582	10.623	VV	3325	52166	1.17%	0.033%
147	10.639	10.623	10.650	VV	5875	67797	1.52%	0.043%
148	10.676	10.650	10.734	VV	16077	298747	6.71%	0.188%
149	10.740	10.734	10.753	VV	1486	14899	0.33%	0.009%
150	10.772	10.753	10.818	VV	4310	74254	1.67%	0.047%
151	10.875	10.818	10.923	VV	318149	3721531	83.56%	2.347%
152	10.949	10.923	10.994	VV	62343	783155	17.58%	0.494%
153	11.007	10.994	11.074	VV	3267	87683	1.97%	0.055%
154	11.087	11.074	11.103	VV	761	8295	0.19%	0.005%
155	11.125	11.103	11.142	PV	4402	54920	1.23%	0.035%
156	11.164	11.142	11.211	VV	31948	375263	8.43%	0.237%
157	11.246	11.211	11.258	VV	1066	18439	0.41%	0.012%
158	11.280	11.258	11.294	VV	2012	34081	0.77%	0.021%
159	11.315	11.294	11.331	VV	2572	39277	0.88%	0.025%
160	11.341	11.331	11.351	VV	1397	14706	0.33%	0.009%
161	11.399	11.351	11.431	VV	8715	235697	5.29%	0.149%
162	11.477	11.431	11.498	VV	4347	92533	2.08%	0.058%
163	11.526	11.498	11.543	VV	3564	59525	1.34%	0.038%
164	11.565	11.543	11.610	VV	8387	141041	3.17%	0.089%
165	11.642	11.610	11.664	VV	395482	4453916	100.00%	2.809%
166	11.678	11.664	11.692	VV	27878	300923	6.76%	0.190%
167	11.709	11.692	11.751	VV	36969	462470	10.38%	0.292%
168	11.792	11.751	11.810	VV	22036	379445	8.52%	0.239%
169	11.827	11.810	11.840	VV	16327	187144	4.20%	0.118%
170	11.857	11.840	11.888	VV	22256	270371	6.07%	0.171%
171	11.905	11.888	11.916	PV	1449	15616	0.35%	0.010%
172	11.942	11.916	11.964	VV	3068	52155	1.17%	0.033%
173	11.998	11.964	12.017	VV	3143	66530	1.49%	0.042%
174	12.039	12.017	12.069	VV	18659	240632	5.40%	0.152%
175	12.087	12.069	12.123	VV	4254	88490	1.99%	0.056%
176	12.148	12.123	12.180	VV	19828	253444	5.69%	0.160%
177	12.241	12.180	12.283	VV	67224	897231	20.14%	0.566%
178	12.293	12.283	12.308	VV	3160	37767	0.85%	0.024%
179	12.326	12.308	12.368	VV	5108	112617	2.53%	0.071%
180	12.398	12.368	12.408	VV	2933	55919	1.26%	0.035%
181	12.422	12.408	12.451	VV	3460	50731	1.14%	0.032%
182	12.469	12.451	12.507	VV	5906	105883	2.38%	0.067%
183	12.532	12.507	12.557	PV	22051	271684	6.10%	0.171%
184	12.578	12.557	12.598	VV	12869	180626	4.06%	0.114%
185	12.619	12.598	12.665	VV	7993	226427	5.08%	0.143%
186	12.698	12.665	12.739	VV	309040	3510721	78.82%	2.214%
187	12.761	12.739	12.779	VV	2906	36960	0.83%	0.023%
188	12.794	12.779	12.806	PV	865	8781	0.20%	0.006%
189	12.833	12.806	12.863	VV	29517	398483	8.95%	0.251%
190	12.882	12.863	12.897	VV	11987	159785	3.59%	0.101%
191	12.908	12.897	12.962	VV	7741	151662	3.41%	0.096%
192	12.997	12.962	13.030	VV	237785	2712915	60.91%	1.711%
193	13.077	13.030	13.146	VV	312148	3895159	87.45%	2.456%
194	13.170	13.146	13.182	VV	7144	88862	2.00%	0.056%

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195	13.198	13.182	13.224	VV	8805	121273	2.72%	0.076%
196	13.264	13.224	13.287	VV	13637	186740	4.19%	0.118%
197	13.339	13.287	13.368	VV	6513	169687	3.81%	0.107%
198	13.393	13.368	13.431	VV	7967	132812	2.98%	0.084%
199	13.456	13.431	13.531	VV	12815	319344	7.17%	0.201%
200	13.585	13.531	13.626	VV	20790	417382	9.37%	0.263%
201	13.651	13.626	13.670	VV	3498	54085	1.21%	0.034%
202	13.693	13.670	13.712	VV	9311	121784	2.73%	0.077%
203	13.732	13.712	13.758	VV	14077	181322	4.07%	0.114%
204	13.771	13.758	13.793	VV	2879	39838	0.89%	0.025%
205	13.834	13.793	13.848	VV	7224	149038	3.35%	0.094%
206	13.862	13.848	13.884	VV	12036	164876	3.70%	0.104%
207	13.904	13.884	13.945	VV	11657	160420	3.60%	0.101%
208	13.981	13.945	14.000	VV	4225	62991	1.41%	0.040%
209	14.017	14.000	14.031	VV	2077	28672	0.64%	0.018%
210	14.049	14.031	14.088	VV	2181	61740	1.39%	0.039%
211	14.111	14.088	14.131	VV	1994	37106	0.83%	0.023%
212	14.149	14.131	14.185	VV	1640	35672	0.80%	0.022%
213	14.220	14.185	14.238	PV	3846	54291	1.22%	0.034%
214	14.286	14.238	14.301	VV	4658	118797	2.67%	0.075%
215	14.324	14.301	14.359	VV	22180	310800	6.98%	0.196%
216	14.392	14.359	14.409	VV	5117	81885	1.84%	0.052%
217	14.424	14.409	14.445	VV	3611	55675	1.25%	0.035%
218	14.457	14.445	14.468	VV	1796	20180	0.45%	0.013%
219	14.498	14.468	14.541	VV	16314	329821	7.41%	0.208%
220	14.563	14.541	14.588	VV	28569	385630	8.66%	0.243%
221	14.627	14.588	14.668	VV	23285	453622	10.18%	0.286%
222	14.686	14.668	14.704	VV	3686	56823	1.28%	0.036%
223	14.749	14.704	14.804	VV	6822	177686	3.99%	0.112%
224	14.830	14.804	14.849	VV	20312	249471	5.60%	0.157%
225	14.877	14.849	14.898	VV	110510	1379052	30.96%	0.870%
226	14.918	14.898	14.949	VV	92170	1133652	25.45%	0.715%
227	14.969	14.949	14.995	VV	5276	95490	2.14%	0.060%
228	15.038	14.995	15.089	VV	28238	513299	11.52%	0.324%
229	15.121	15.089	15.153	VV	8297	166431	3.74%	0.105%
230	15.183	15.153	15.205	VV	11824	203929	4.58%	0.129%
231	15.218	15.205	15.244	VV	7727	151848	3.41%	0.096%
232	15.255	15.244	15.281	VV	5895	98412	2.21%	0.062%
233	15.312	15.281	15.349	VV	38895	676009	15.18%	0.426%
234	15.363	15.349	15.394	VV	6532	124057	2.79%	0.078%
235	15.421	15.394	15.435	VV	4400	87255	1.96%	0.055%
236	15.471	15.435	15.494	VV	8760	216298	4.86%	0.136%
237	15.512	15.494	15.524	VV	7385	119150	2.68%	0.075%
238	15.550	15.524	15.571	VV	22733	362309	8.13%	0.228%
239	15.588	15.571	15.622	VV	11467	218748	4.91%	0.138%
240	15.636	15.622	15.654	VV	5286	90744	2.04%	0.057%
241	15.711	15.654	15.746	VV	12859	480731	10.79%	0.303%
242	15.788	15.746	15.811	VV	8029	222707	5.00%	0.140%
243	15.833	15.811	15.851	VV	6692	122588	2.75%	0.077%
244	15.875	15.851	15.897	VV	8769	167637	3.76%	0.106%
245	15.921	15.897	15.941	VV	9277	188479	4.23%	0.119%
246	15.957	15.941	15.969	VV	9724	138286	3.10%	0.087%

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247	15.982	15.969	16.004	VV	10220	170241	3.82%	0.107%
248	16.020	16.004	16.032	VV	6341	99368	2.23%	0.063%
249	16.048	16.032	16.063	VV	6365	105051	2.36%	0.066%
250	16.078	16.063	16.093	VV	5927	91094	2.05%	0.057%
251	16.104	16.093	16.115	VV	5343	62555	1.40%	0.039%
252	16.171	16.115	16.205	VV	12033	441950	9.92%	0.279%
253	16.229	16.205	16.241	VV	11521	210950	4.74%	0.133%
254	16.258	16.241	16.280	VV	11460	238412	5.35%	0.150%
255	16.329	16.280	16.363	VV	22556	735814	16.52%	0.464%
256	16.375	16.363	16.394	VV	14931	223029	5.01%	0.141%
257	16.440	16.394	16.459	VV	117974	1875048	42.10%	1.182%
258	16.467	16.459	16.508	VV	54366	783596	17.59%	0.494%
259	16.524	16.508	16.544	VV	13885	265107	5.95%	0.167%
260	16.570	16.544	16.594	VV	33022	616991	13.85%	0.389%
261	16.605	16.594	16.638	VV	15798	354205	7.95%	0.223%
262	16.659	16.638	16.678	VV	13449	302079	6.78%	0.191%
263	16.692	16.678	16.703	VV	15824	223021	5.01%	0.141%
264	16.761	16.703	16.788	VV	80524	1665179	37.39%	1.050%
265	16.821	16.788	16.861	VV	95136	1705251	38.29%	1.075%
266	16.921	16.861	16.950	VV	40382	1204645	27.05%	0.760%
267	16.982	16.950	17.015	VV	26614	815390	18.31%	0.514%
268	17.058	17.015	17.077	VV	19711	654952	14.71%	0.413%
269	17.087	17.077	17.105	VV	19581	299820	6.73%	0.189%
270	17.130	17.105	17.148	VV	19359	471071	10.58%	0.297%
271	17.186	17.148	17.208	VV	23793	763386	17.14%	0.481%
272	17.226	17.208	17.248	VV	21841	503171	11.30%	0.317%
273	17.272	17.248	17.316	VV	45125	1209352	27.15%	0.763%
274	17.356	17.316	17.380	VV	31438	1010817	22.70%	0.637%
275	17.402	17.380	17.420	VV	22537	513563	11.53%	0.324%
276	17.432	17.420	17.455	VV	22320	446973	10.04%	0.282%
277	17.479	17.455	17.509	VV	27631	769604	17.28%	0.485%
278	17.539	17.509	17.561	VV	22159	642540	14.43%	0.405%
279	17.587	17.561	17.617	VV	20816	678356	15.23%	0.428%
280	17.630	17.617	17.648	VV	21053	369476	8.30%	0.233%
281	17.663	17.648	17.681	VV	20732	397262	8.92%	0.251%
282	17.723	17.681	17.735	VV	23740	725118	16.28%	0.457%
283	17.749	17.735	17.757	VV	24895	318634	7.15%	0.201%
284	17.801	17.757	17.834	VV	33237	1294777	29.07%	0.817%
285	17.886	17.834	17.918	VV	31852	1339704	30.08%	0.845%
286	17.958	17.918	17.978	VV	36964	1158151	26.00%	0.730%
287	17.994	17.978	18.024	VV	34155	840190	18.86%	0.530%
288	18.047	18.024	18.072	VV	29701	807158	18.12%	0.509%
289	18.104	18.072	18.131	VV	40952	1189257	26.70%	0.750%
290	18.156	18.131	18.172	VV	51622	1054803	23.68%	0.665%
291	18.196	18.172	18.260	VV	91964	2748527	61.71%	1.733%
292	18.280	18.260	18.301	VV	34013	779045	17.49%	0.491%
293	18.325	18.301	18.342	VV	49432	1014660	22.78%	0.640%
294	18.356	18.342	18.418	VV	42666	1603291	36.00%	1.011%
295	18.451	18.418	18.484	VV	85166	1894364	42.53%	1.195%
296	18.490	18.484	18.501	VV	31263	310250	6.97%	0.196%
297	18.529	18.501	18.554	VV	33939	1033604	23.21%	0.652%
298	18.583	18.554	18.604	VV	45275	1125013	25.26%	0.709%
299	18.624	18.604	18.663	VV	40980	1261179	28.32%	0.795%

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300	18.739	18.663	18.777	VV	45415	2395784	53.79%	1.511%
301	18.791	18.777	18.814	VV	39804	821727	18.45%	0.518%
302	18.833	18.814	18.853	VV	35333	778054	17.47%	0.491%
303	18.884	18.853	18.901	VV	35740	974918	21.89%	0.615%
304	18.913	18.901	18.944	VV	35738	911530	20.47%	0.575%
305	18.990	18.944	19.012	VV	57738	1875235	42.10%	1.183%
306	19.030	19.012	19.059	VV	47560	1251380	28.10%	0.789%
307	19.073	19.059	19.096	VV	40670	851584	19.12%	0.537%
308	19.135	19.096	19.155	VV	42281	1378497	30.95%	0.869%
309	19.166	19.155	19.191	VV	40299	824884	18.52%	0.520%
310	19.209	19.191	19.218	VV	35944	563995	12.66%	0.356%
311	19.262	19.218	19.280	VV	40647	1426361	32.02%	0.900%
312	19.313	19.280	19.371	VV	40827	2115131	47.49%	1.334%
313	19.410	19.371	19.427	VV	40493	1300323	29.20%	0.820%
314	19.453	19.427	19.465	VV	41529	904093	20.30%	0.570%
315	19.482	19.465	19.508	VV	43311	1065765	23.93%	0.672%
316	19.542	19.508	19.577	VV	45469	1792966	40.26%	1.131%
317	19.612	19.577	19.644	VV	59020	2015956	45.26%	1.271%
318	19.679	19.644	19.714	VV	58623	2144436	48.15%	1.352%
319	19.773	19.714	19.835	VV	59497	3744970	84.08%	2.362%
320	19.840	19.835	19.881	VV	49972	1320547	29.65%	0.833%
321	19.895	19.881	19.915	VV	48922	978094	21.96%	0.617%
322	19.987	19.915	20.037	VV	69392	3888168	87.30%	2.452%
323	20.062	20.037	20.084	VV	57385	1541032	34.60%	0.972%
324	20.093	20.084	20.114	VV	54860	939554	21.10%	0.593%
325	20.127	20.114	20.213	VV	51592	2901062	65.14%	1.830%
326	20.236	20.213	20.254	VV	50063	1177853	26.45%	0.743%
327	20.275	20.254	20.288	VV	51581	988522	22.19%	0.623%
328	20.313	20.288	20.321	VV	51905	1020312	22.91%	0.643%
329	20.339	20.321	20.350	VV	53428	888045	19.94%	0.560%
330	20.368	20.350	20.454	VV	54147	3049877	68.48%	1.923%
331	20.462	20.454	20.483	VV	43588	728709	16.36%	0.460%
332	20.528	20.483	20.545	VV	45610	1625254	36.49%	1.025%
333	20.570	20.545	20.589	VV	45633	1172577	26.33%	0.739%
334	20.623	20.589	20.648	VV	45567	1543815	34.66%	0.974%
335	20.655	20.648	20.744	VV	45944	2274104	51.06%	1.434%
336	20.755	20.744	20.775	VV	36513	637601	14.32%	0.402%
337	20.812	20.775	20.834	VV	34945	1192993	26.79%	0.752%
338	20.842	20.834	20.847	VV	34183	257346	5.78%	0.162%
339	20.918	20.847	21.014	VV	40815	3545905	79.61%	2.236%
340	21.025	21.014	21.044	VV	31655	550797	12.37%	0.347%
341	21.057	21.044	21.110	VV	29382	1055045	23.69%	0.665%
342	21.134	21.110	21.143	VV	27739	538737	12.10%	0.340%
343	21.164	21.143	21.184	VV	27941	673995	15.13%	0.425%
344	21.200	21.184	21.221	VV	29927	642489	14.43%	0.405%
345	21.244	21.221	21.287	VV	31229	1130271	25.38%	0.713%
346	21.296	21.287	21.335	VV	26361	739750	16.61%	0.467%
347	21.347	21.335	21.379	VV	26359	633155	14.22%	0.399%
348	21.432	21.379	21.459	VV	27873	1170028	26.27%	0.738%
349	21.472	21.459	21.481	VV	24040	299194	6.72%	0.189%
350	21.495	21.481	21.533	VV	23736	700773	15.73%	0.442%
351	21.548	21.533	21.581	VV	22855	617156	13.86%	0.389%

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352	21.607	21.581	21.628	VV	23976	626713	14.07%	0.395%
353	21.648	21.628	21.711	VV	19969	846208	19.00%	0.534%
354	21.742	21.711	21.788	VV	18904	663735	14.90%	0.419%
355	21.822	21.788	21.853	VV	15583	532634	11.96%	0.336%
356	21.870	21.853	21.901	VV	16897	419428	9.42%	0.265%
357	21.980	21.901	21.995	VV	16250	799401	17.95%	0.504%
358	22.067	21.995	22.185	VV	24409	1691408	37.98%	1.067%
359	22.194	22.185	22.234	VV	5296	109139	2.45%	0.069%
360	22.252	22.234	22.274	VV	3302	56599	1.27%	0.036%
361	22.297	22.274	22.308	VV	2435	34289	0.77%	0.022%
362	22.321	22.308	22.348	VV	3114	32767	0.74%	0.021%
363	22.379	22.348	22.391	PV	1715	24278	0.55%	0.015%
					Sum of corrected areas:		158570407	

Aliphatic EPH 100725.M Mon Oct 27 07:49:23 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	10/20/25
Project:	49 Moore Place Belleville	Date Received:	10/20/25
Client Sample ID:	3	SDG No.:	Q3410
Lab Sample ID:	Q3410-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.5
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	10/24/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
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TARGETS

Aliphatic C9-C28	Aliphatic C9-C28	24.8		1	1.14	5.01	mg/kg	FC070043.D	10/27/25 10:54	PB170249
Total EPH	Total EPH	24.8			1.14	5.01	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:	10/20/25
Project:	49 Moore Place Belleville	Date Received:	10/20/25
Client Sample ID:	3	SDG No.:	Q3410
Lab Sample ID:	Q3410-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.5
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL
Prep Method :		Prep Date	10/24/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	24.8	1		1.14	5.01	mg/kg	10/27/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	57.1	E 1		1.48	2.51	mg/kg	10/27/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	29.6			40 - 140	59%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	37.6			40 - 140	75%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3410-05	Acq On:	27 Oct 2025 10:54
Client Sample ID:	3	Operator:	YP/AJ
Data file:	FC070043.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.280	6.575	597996	4.13	300	ug/ml
Aliphatic C12-C16	6.576	9.977	2366418	14.449	200	ug/ml
Aliphatic C16-C21	9.978	13.344	19365977	119.583	300	ug/ml
Aliphatic C21-C28	13.345	17.008	23235104	157.909	400	ug/ml
Aliphatic C28-C40	17.009	21.965	73380227	681.973	600	ug/ml
Aliphatic EPH	3.280	21.965	118945722	978.045		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	6610640	37.65		ug/ml
1-chlorooctadecane (SURR)	13.078	13.078	4021352	29.62		ug/ml
Aliphatic C9-C28	3.280	17.008	45565495	296.071	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
 Data File : FC070043.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2025 10:54
 Operator : YP/AJ
 Sample : Q3410-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 3

Integration File: sample.E
 Quant Time: Oct 28 03:25:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.645	6610640	37.645 ug/ml
Spiked Amount 50.000		Recovery =	75.29%
12) S 1-chlorooctadecane (S...	13.078	4021352	29.625 ug/ml
Spiked Amount 50.000		Recovery =	59.25%

Target Compounds

(f)=RT Delta > 1/2 Window

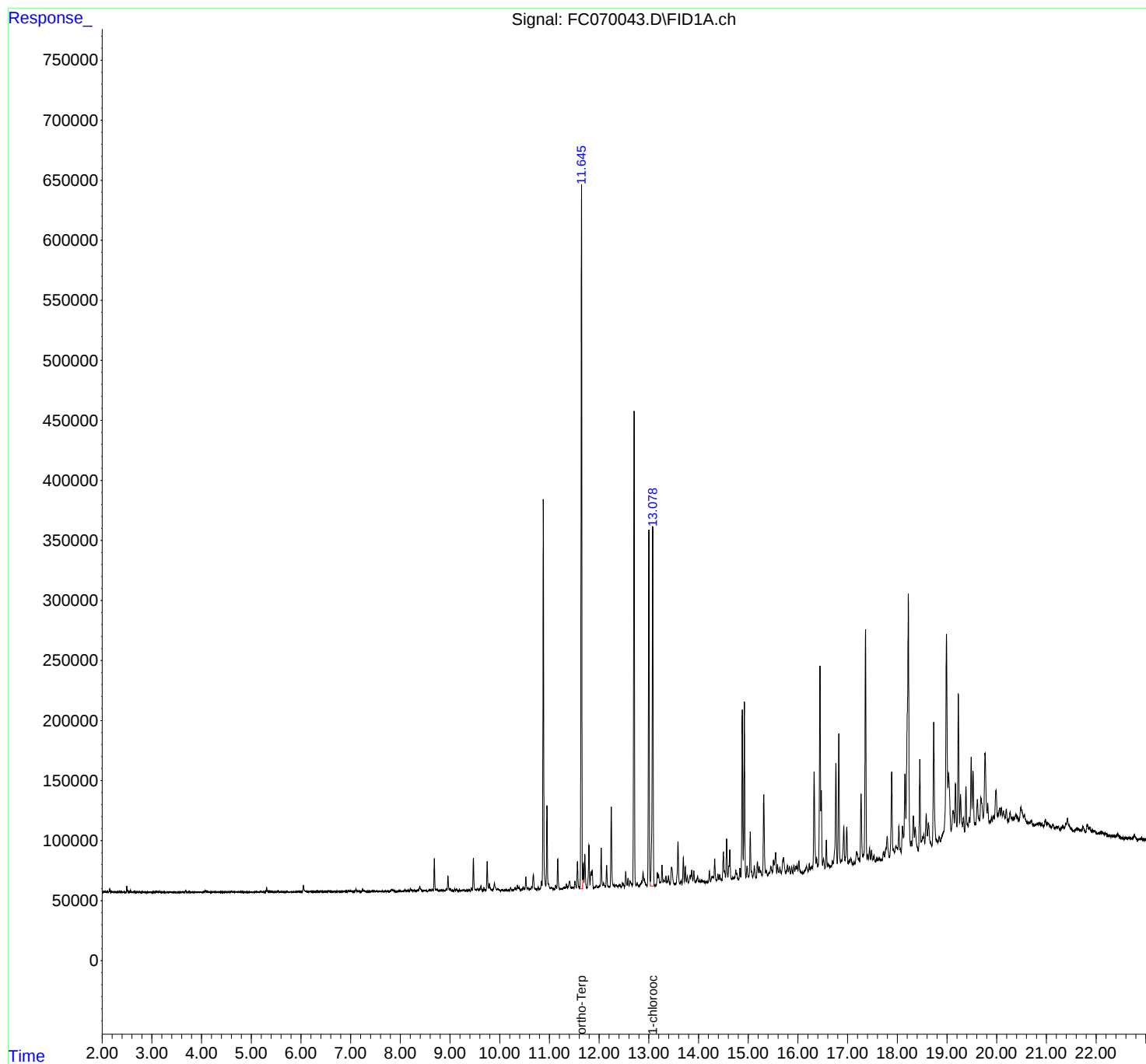
(m)=manual int.

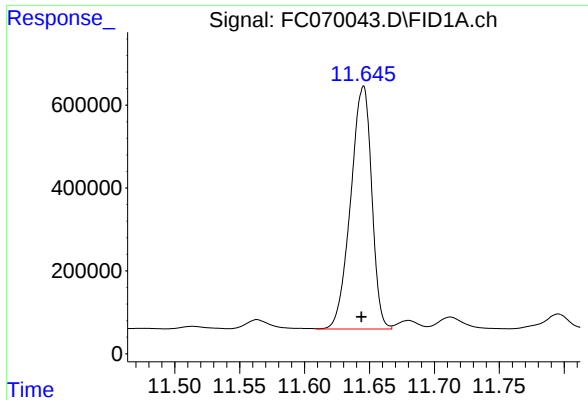
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
Data File : FC070043.D
Signal(s) : FID1A.ch
Acq On : 27 Oct 2025 10:54
Operator : YP/AJ
Sample : Q3410-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
3

Integration File: sample.E
Quant Time: Oct 28 03:25:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

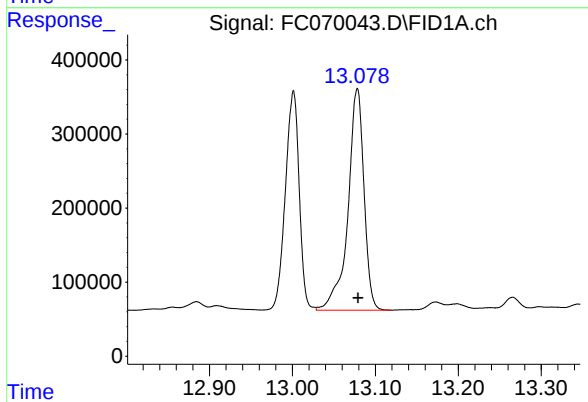




#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: 0.001 min
Response: 6610640
Conc: 37.65 ug/ml

Instrument :
FID_C
ClientSampleId :
3



#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 4021352
Conc: 29.62 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
 Data File : FC070043.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2025 10:54
 Sample : Q3410-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.248	3.205	3.281	BV	30	-214	-0.00%	-0.000%
2	3.295	3.281	3.347	PV	214	3917	0.06%	0.003%
3	3.372	3.347	3.406	VV	132	2523	0.04%	0.002%
4	3.424	3.406	3.436	VV	130	1263	0.02%	0.001%
5	3.441	3.436	3.448	VV	62	329	0.00%	0.000%
6	3.459	3.448	3.497	PV	107	2106	0.03%	0.002%
7	3.517	3.497	3.531	PV	40	1064	0.02%	0.001%
8	3.536	3.531	3.550	VV	122	796	0.01%	0.001%
9	3.566	3.550	3.595	VV	172	2426	0.04%	0.002%
10	3.617	3.595	3.641	VV	266	3555	0.05%	0.003%
11	3.654	3.641	3.664	VV	234	2368	0.04%	0.002%
12	3.682	3.664	3.712	VV	1832	18656	0.28%	0.014%
13	3.725	3.712	3.733	VV	208	2237	0.03%	0.002%
14	3.746	3.733	3.804	VV	499	7941	0.12%	0.006%
15	3.820	3.804	3.840	VV	237	3187	0.05%	0.002%
16	3.854	3.840	3.917	VV	191	5217	0.08%	0.004%
17	3.965	3.917	3.994	VV	246	4985	0.08%	0.004%
18	4.066	3.994	4.178	VV	1183	47847	0.72%	0.037%
19	4.247	4.178	4.275	VV	729	17134	0.26%	0.013%
20	4.290	4.275	4.305	VV	383	4812	0.07%	0.004%
21	4.324	4.305	4.385	VV	458	12188	0.18%	0.009%
22	4.395	4.385	4.417	VV	185	3017	0.05%	0.002%
23	4.450	4.417	4.491	VV	384	9127	0.14%	0.007%
24	4.498	4.491	4.507	VV	142	1354	0.02%	0.001%
25	4.526	4.507	4.573	VV	362	9146	0.14%	0.007%
26	4.600	4.573	4.648	VV	915	18935	0.29%	0.015%
27	4.673	4.648	4.718	VV	566	14619	0.22%	0.011%
28	4.734	4.718	4.771	VV	325	6572	0.10%	0.005%
29	4.791	4.771	4.815	VV	377	6383	0.10%	0.005%
30	4.824	4.815	4.901	VV	309	9493	0.14%	0.007%
31	4.918	4.901	4.930	VV	244	2916	0.04%	0.002%
32	4.951	4.930	4.995	VV	355	7259	0.11%	0.006%
33	5.025	4.995	5.060	PV	283	6422	0.10%	0.005%
34	5.093	5.060	5.115	VV	375	8753	0.13%	0.007%
35	5.131	5.115	5.159	VV	322	6562	0.10%	0.005%
36	5.198	5.159	5.217	VV	461	10043	0.15%	0.008%

					rteres			
37	5.227	5.217	5.283	VV	320	7535	0.11%	0.006%
38	5.310	5.283	5.337	VV	3810	43265	0.65%	0.033%
39	5.359	5.337	5.371	VV	556	10425	0.16%	0.008%
40	5.374	5.371	5.437	VV	539	12447	0.19%	0.010%
41	5.452	5.437	5.462	VV	176	2489	0.04%	0.002%
42	5.468	5.462	5.476	VV	200	1109	0.02%	0.001%
43	5.544	5.476	5.582	VV	841	21835	0.33%	0.017%
44	5.604	5.582	5.640	VV	366	7302	0.11%	0.006%
45	5.657	5.640	5.675	VV	188	3310	0.05%	0.003%
46	5.724	5.675	5.763	VV	410	10962	0.17%	0.008%
47	5.790	5.763	5.821	VV	240	5100	0.08%	0.004%
48	5.835	5.821	5.865	PV	188	3333	0.05%	0.003%
49	5.908	5.865	5.927	VV	311	8241	0.12%	0.006%
50	5.946	5.927	5.991	VV	628	10487	0.16%	0.008%
51	6.049	5.991	6.163	VV	5604	101885	1.54%	0.078%
52	6.188	6.163	6.228	VV	643	12988	0.20%	0.010%
53	6.245	6.228	6.301	VV	290	7329	0.11%	0.006%
54	6.322	6.301	6.381	VV	668	16002	0.24%	0.012%
55	6.401	6.381	6.461	VV	494	14205	0.21%	0.011%
56	6.474	6.461	6.501	VV	342	5285	0.08%	0.004%
57	6.515	6.501	6.532	VV	274	4036	0.06%	0.003%
58	6.551	6.532	6.649	VV	911	23274	0.35%	0.018%
59	6.679	6.649	6.708	VV	468	8143	0.12%	0.006%
60	6.723	6.708	6.741	VV	427	6072	0.09%	0.005%
61	6.752	6.741	6.778	VV	284	3583	0.05%	0.003%
62	6.858	6.778	6.891	VV	403	18453	0.28%	0.014%
63	6.905	6.891	6.935	VV	311	5272	0.08%	0.004%
64	6.949	6.935	6.978	VV	849	15841	0.24%	0.012%
65	7.004	6.978	7.062	VV	622	21293	0.32%	0.016%
66	7.106	7.062	7.208	VV	2338	46125	0.70%	0.035%
67	7.241	7.208	7.258	VV	2452	27476	0.42%	0.021%
68	7.272	7.258	7.291	VV	1243	14747	0.22%	0.011%
69	7.306	7.291	7.331	VV	374	5758	0.09%	0.004%
70	7.345	7.331	7.353	VV	46	518	0.01%	0.000%
71	7.368	7.353	7.383	PV	161	1279	0.02%	0.001%
72	7.425	7.383	7.438	VV	411	8140	0.12%	0.006%
73	7.461	7.438	7.475	VV	467	8992	0.14%	0.007%
74	7.491	7.475	7.506	VV	464	7364	0.11%	0.006%
75	7.527	7.506	7.570	VV	480	12843	0.19%	0.010%
76	7.587	7.570	7.600	VV	266	4068	0.06%	0.003%
77	7.634	7.600	7.663	VV	390	9654	0.15%	0.007%
78	7.691	7.663	7.720	VV	565	9814	0.15%	0.008%
79	7.743	7.720	7.772	VV	391	7321	0.11%	0.006%
80	7.831	7.772	7.947	VV	1945	62344	0.94%	0.048%
81	7.989	7.947	8.023	PV	718	15182	0.23%	0.012%
82	8.042	8.023	8.065	VV	350	5954	0.09%	0.005%
83	8.097	8.065	8.121	VV	1025	23324	0.35%	0.018%
84	8.156	8.121	8.183	VV	973	22277	0.34%	0.017%
85	8.204	8.183	8.220	VV	2376	28324	0.43%	0.022%
86	8.232	8.220	8.255	VV	1368	16069	0.24%	0.012%
87	8.273	8.255	8.321	VV	856	19859	0.30%	0.015%
88	8.391	8.321	8.457	VV	4288	106582	1.61%	0.082%
89	8.479	8.457	8.491	VV	589	8900	0.13%	0.007%

					rteres			
90	8.503	8.491	8.555	VV	701	13455	0.20%	0.010%
91	8.586	8.555	8.618	VV	1028	25288	0.38%	0.019%
92	8.639	8.618	8.661	VV	1772	28188	0.43%	0.022%
93	8.684	8.661	8.713	VV	27269	284985	4.31%	0.219%
94	8.730	8.713	8.786	VV	1528	41472	0.63%	0.032%
95	8.806	8.786	8.825	VV	898	15769	0.24%	0.012%
96	8.837	8.825	8.888	VV	784	20169	0.30%	0.015%
97	8.925	8.888	8.937	VV	1641	25964	0.39%	0.020%
98	8.958	8.937	8.986	VV	12493	151371	2.29%	0.116%
99	8.997	8.986	9.038	VV	1497	34466	0.52%	0.026%
100	9.047	9.038	9.067	VV	381	4714	0.07%	0.004%
101	9.094	9.067	9.110	VV	1520	18344	0.28%	0.014%
102	9.132	9.110	9.172	VV	1276	22270	0.34%	0.017%
103	9.191	9.172	9.209	VV	795	9026	0.14%	0.007%
104	9.250	9.209	9.266	VV	921	15416	0.23%	0.012%
105	9.282	9.266	9.313	VV	1008	15958	0.24%	0.012%
106	9.337	9.313	9.358	VV	650	10127	0.15%	0.008%
107	9.384	9.358	9.406	VV	952	15794	0.24%	0.012%
108	9.427	9.406	9.445	VV	1910	23645	0.36%	0.018%
109	9.470	9.445	9.526	VV	27494	330071	4.99%	0.253%
110	9.549	9.526	9.576	VV	1743	32232	0.49%	0.025%
111	9.591	9.576	9.600	VV	1436	15740	0.24%	0.012%
112	9.622	9.600	9.662	VV	4189	67594	1.02%	0.052%
113	9.683	9.662	9.720	VV	2560	35638	0.54%	0.027%
114	9.748	9.720	9.775	VV	24131	288186	4.36%	0.221%
115	9.791	9.775	9.828	VV	5975	91963	1.39%	0.071%
116	9.839	9.828	9.855	VV	866	11989	0.18%	0.009%
117	9.893	9.855	9.940	VV	6423	131187	1.98%	0.101%
118	9.956	9.940	10.014	VV	1464	33826	0.51%	0.026%
119	10.044	10.014	10.085	PV	642	13776	0.21%	0.011%
120	10.103	10.085	10.114	VV	335	3493	0.05%	0.003%
121	10.129	10.114	10.157	VV	733	9019	0.14%	0.007%
122	10.180	10.157	10.196	PV	276	4218	0.06%	0.003%
123	10.220	10.196	10.247	VV	2612	31766	0.48%	0.024%
124	10.265	10.247	10.280	VV	492	6141	0.09%	0.005%
125	10.302	10.280	10.338	VV	1941	41499	0.63%	0.032%
126	10.355	10.338	10.371	VV	4042	50917	0.77%	0.039%
127	10.391	10.371	10.420	VV	2323	41308	0.62%	0.032%
128	10.470	10.420	10.487	VV	2368	36558	0.55%	0.028%
129	10.497	10.487	10.504	VV	1287	11632	0.18%	0.009%
130	10.526	10.504	10.555	VV	11167	138739	2.10%	0.106%
131	10.570	10.555	10.598	VV	2361	33234	0.50%	0.025%
132	10.611	10.598	10.622	VV	1037	11659	0.18%	0.009%
133	10.641	10.622	10.651	VV	3005	32120	0.49%	0.025%
134	10.677	10.651	10.726	VV	12893	215728	3.26%	0.165%
135	10.744	10.726	10.755	VV	711	10696	0.16%	0.008%
136	10.774	10.755	10.792	VV	2174	27619	0.42%	0.021%
137	10.840	10.792	10.850	VV	7073	92890	1.40%	0.071%
138	10.877	10.850	10.926	VV	325080	3618459	54.70%	2.775%
139	10.951	10.926	11.017	VV	70202	881245	13.32%	0.676%
140	11.033	11.017	11.078	VV	1796	41365	0.63%	0.032%
141	11.087	11.078	11.105	VV	463	5029	0.08%	0.004%

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142	11.126	11.105	11.145	VV	3368	42968	0.65%	0.033%
143	11.168	11.145	11.225	VV	25107	301161	4.55%	0.231%
144	11.243	11.225	11.257	VV	583	8016	0.12%	0.006%
145	11.290	11.257	11.305	VV	1665	33329	0.50%	0.026%
146	11.314	11.305	11.323	VV	1263	12293	0.19%	0.009%
147	11.340	11.323	11.360	VV	4217	55731	0.84%	0.043%
148	11.407	11.360	11.430	VV	6612	140666	2.13%	0.108%
149	11.443	11.430	11.458	VV	1697	20752	0.31%	0.016%
150	11.475	11.458	11.492	VV	1861	26537	0.40%	0.020%
151	11.514	11.492	11.541	VV	6635	93787	1.42%	0.072%
152	11.563	11.541	11.611	VV	22635	301863	4.56%	0.231%
153	11.645	11.611	11.668	VV	583839	6615470	100.00%	5.073%
154	11.680	11.668	11.695	VV	20872	222966	3.37%	0.171%
155	11.712	11.695	11.757	VV	28756	396733	6.00%	0.304%
156	11.795	11.757	11.816	VV	36112	490177	7.41%	0.376%
157	11.835	11.816	11.847	VV	13943	191430	2.89%	0.147%
158	11.859	11.847	11.892	VV	15299	201898	3.05%	0.155%
159	11.909	11.892	11.917	PV	1111	11271	0.17%	0.009%
160	11.943	11.917	11.965	VV	2631	43526	0.66%	0.033%
161	12.008	11.965	12.017	VV	2332	46149	0.70%	0.035%
162	12.041	12.017	12.072	VV	33577	408572	6.18%	0.313%
163	12.090	12.072	12.126	VV	4225	82483	1.25%	0.063%
164	12.151	12.126	12.195	VV	18820	246725	3.73%	0.189%
165	12.244	12.195	12.285	VV	67492	868844	13.13%	0.666%
166	12.297	12.285	12.313	VV	2586	31657	0.48%	0.024%
167	12.332	12.313	12.368	VV	2343	51650	0.78%	0.040%
168	12.401	12.368	12.414	VV	2597	42004	0.63%	0.032%
169	12.423	12.414	12.446	VV	2240	25756	0.39%	0.020%
170	12.471	12.446	12.482	VV	3412	42081	0.64%	0.032%
171	12.489	12.482	12.509	VV	2920	28091	0.42%	0.022%
172	12.535	12.509	12.561	VV	12722	168636	2.55%	0.129%
173	12.581	12.561	12.602	VV	7184	98246	1.49%	0.075%
174	12.625	12.602	12.662	VV	4681	108830	1.65%	0.083%
175	12.704	12.662	12.748	VV	399213	4693222	70.94%	3.599%
176	12.765	12.748	12.811	VV	3614	57099	0.86%	0.044%
177	12.856	12.811	12.863	VV	4603	72389	1.09%	0.056%
178	12.884	12.863	12.963	VV	11908	278363	4.21%	0.213%
179	13.001	12.963	13.029	VV	296576	3443115	52.05%	2.640%
180	13.078	13.029	13.120	VV	298775	4023848	60.82%	3.086%
181	13.173	13.120	13.187	PV	10838	152992	2.31%	0.117%
182	13.197	13.187	13.221	VV	8424	119208	1.80%	0.091%
183	13.265	13.221	13.287	VV	16963	259252	3.92%	0.199%
184	13.299	13.287	13.328	VV	4254	86399	1.31%	0.066%
185	13.345	13.328	13.378	VV	7712	134929	2.04%	0.103%
186	13.396	13.378	13.429	VV	7694	112030	1.69%	0.086%
187	13.457	13.429	13.545	VV	14548	340584	5.15%	0.261%
188	13.587	13.545	13.626	VV	35875	524039	7.92%	0.402%
189	13.652	13.626	13.669	VV	3110	41549	0.63%	0.032%
190	13.695	13.669	13.716	VV	22304	278797	4.21%	0.214%
191	13.734	13.716	13.757	VV	14258	178156	2.69%	0.137%
192	13.775	13.757	13.799	VV	6713	87987	1.33%	0.067%
193	13.828	13.799	13.838	VV	6426	94812	1.43%	0.073%
194	13.864	13.838	13.886	VV	11415	204304	3.09%	0.157%

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195	13.906	13.886	13.940	VV	10685	153764	2.32%	0.118%
196	13.983	13.940	14.005	VV	6052	117118	1.77%	0.090%
197	14.024	14.005	14.042	VV	2138	38102	0.58%	0.029%
198	14.065	14.042	14.080	VV	2421	40134	0.61%	0.031%
199	14.092	14.080	14.108	VV	1494	21786	0.33%	0.017%
200	14.115	14.108	14.132	VV	1416	13091	0.20%	0.010%
201	14.149	14.132	14.165	PV	1024	12609	0.19%	0.010%
202	14.173	14.165	14.193	VV	821	9819	0.15%	0.008%
203	14.219	14.193	14.244	VV	9500	120566	1.82%	0.092%
204	14.272	14.244	14.304	VV	4744	130357	1.97%	0.100%
205	14.326	14.304	14.358	VV	19163	263821	3.99%	0.202%
206	14.391	14.358	14.409	VV	6280	93289	1.41%	0.072%
207	14.426	14.409	14.451	VV	5658	84137	1.27%	0.065%
208	14.460	14.451	14.471	VV	1776	17666	0.27%	0.014%
209	14.500	14.471	14.542	VV	23814	447265	6.76%	0.343%
210	14.566	14.542	14.591	VV	34970	484002	7.32%	0.371%
211	14.630	14.591	14.670	VV	25921	473563	7.16%	0.363%
212	14.689	14.670	14.708	VV	2572	37410	0.57%	0.029%
213	14.750	14.708	14.808	VV	8209	198993	3.01%	0.153%
214	14.833	14.808	14.850	PV	9600	117836	1.78%	0.090%
215	14.880	14.850	14.901	VV	140505	1741475	26.32%	1.335%
216	14.923	14.901	14.953	VV	146002	1716772	25.95%	1.316%
217	14.977	14.953	15.004	VV	10629	163276	2.47%	0.125%
218	15.041	15.004	15.091	VV	38987	551793	8.34%	0.423%
219	15.122	15.091	15.155	VV	10235	161851	2.45%	0.124%
220	15.185	15.155	15.205	VV	13416	192058	2.90%	0.147%
221	15.221	15.205	15.241	VV	8913	143059	2.16%	0.110%
222	15.252	15.241	15.281	VV	5567	86778	1.31%	0.067%
223	15.313	15.281	15.352	VV	68374	1027101	15.53%	0.788%
224	15.366	15.352	15.389	VV	5089	79289	1.20%	0.061%
225	15.420	15.389	15.431	VV	3354	59705	0.90%	0.046%
226	15.454	15.431	15.485	VV	8603	182640	2.76%	0.140%
227	15.509	15.485	15.523	VV	13208	198295	3.00%	0.152%
228	15.551	15.523	15.573	VV	19848	371558	5.62%	0.285%
229	15.590	15.573	15.618	VV	9375	144767	2.19%	0.111%
230	15.636	15.618	15.668	VV	6709	117460	1.78%	0.090%
231	15.711	15.668	15.758	VV	14957	412512	6.24%	0.316%
232	15.789	15.758	15.809	VV	7983	148828	2.25%	0.114%
233	15.829	15.809	15.854	VV	7132	114576	1.73%	0.088%
234	15.875	15.854	15.898	VV	6391	89866	1.36%	0.069%
235	15.919	15.898	15.937	VV	7485	103576	1.57%	0.079%
236	15.956	15.937	15.970	VV	6703	96777	1.46%	0.074%
237	15.983	15.970	16.000	VV	7046	94317	1.43%	0.072%
238	16.020	16.000	16.069	VV	10348	175757	2.66%	0.135%
239	16.085	16.069	16.100	VV	1046	11628	0.18%	0.009%
240	16.174	16.100	16.208	PV	5675	152192	2.30%	0.117%
241	16.228	16.208	16.245	VV	7462	94607	1.43%	0.073%
242	16.260	16.245	16.270	VV	3933	52449	0.79%	0.040%
243	16.285	16.270	16.298	VV	4556	68559	1.04%	0.053%
244	16.326	16.298	16.364	VV	82751	1302691	19.69%	0.999%
245	16.376	16.364	16.396	VV	10789	153257	2.32%	0.118%
246	16.444	16.396	16.463	VV	171144	2464333	37.25%	1.890%

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247	16.471	16.463	16.496	VV	67742	721770	10.91%	0.553%
248	16.516	16.496	16.545	VV	10191	192721	2.91%	0.148%
249	16.572	16.545	16.595	VV	25169	329516	4.98%	0.253%
250	16.608	16.595	16.651	VV	5776	131805	1.99%	0.101%
251	16.664	16.651	16.674	VV	3558	41305	0.62%	0.032%
252	16.693	16.674	16.708	VV	7636	112479	1.70%	0.086%
253	16.765	16.708	16.791	VV	88438	1427135	21.57%	1.094%
254	16.823	16.791	16.859	VV	113254	1567927	23.70%	1.202%
255	16.923	16.859	16.947	VV	34923	748968	11.32%	0.574%
256	16.983	16.947	17.012	VV	33714	615161	9.30%	0.472%
257	17.030	17.012	17.043	VV	5958	95127	1.44%	0.073%
258	17.063	17.043	17.108	VV	7305	198806	3.01%	0.152%
259	17.128	17.108	17.148	VV	3978	80826	1.22%	0.062%
260	17.184	17.148	17.218	VV	12336	356424	5.39%	0.273%
261	17.227	17.218	17.245	VV	7204	95609	1.45%	0.073%
262	17.271	17.245	17.305	VV	60401	1005236	15.20%	0.771%
263	17.361	17.305	17.391	VV	197021	2943139	44.49%	2.257%
264	17.405	17.391	17.422	VV	9171	135840	2.05%	0.104%
265	17.442	17.422	17.463	VV	14523	235038	3.55%	0.180%
266	17.482	17.463	17.508	VV	12145	214680	3.25%	0.165%
267	17.530	17.508	17.558	VV	7705	160969	2.43%	0.123%
268	17.579	17.558	17.588	VV	4758	67159	1.02%	0.051%
269	17.601	17.588	17.614	VV	4817	68498	1.04%	0.053%
270	17.635	17.614	17.653	VV	5100	103419	1.56%	0.079%
271	17.665	17.653	17.683	VV	4004	67532	1.02%	0.052%
272	17.724	17.683	17.744	VV	10423	232872	3.52%	0.179%
273	17.796	17.744	17.840	VV	22431	713185	10.78%	0.547%
274	17.888	17.840	17.941	VV	75906	1483381	22.42%	1.138%
275	17.973	17.941	18.008	VV	13542	463138	7.00%	0.355%
276	18.032	18.008	18.075	VV	29962	630620	9.53%	0.484%
277	18.105	18.075	18.126	VV	29687	602587	9.11%	0.462%
278	18.155	18.126	18.173	VV	72846	1271492	19.22%	0.975%
279	18.222	18.173	18.267	VV	221411	5196796	78.56%	3.985%
280	18.281	18.267	18.295	VV	16006	244396	3.69%	0.187%
281	18.322	18.295	18.344	VV	36996	751893	11.37%	0.577%
282	18.360	18.344	18.423	VV	27395	780054	11.79%	0.598%
283	18.453	18.423	18.479	VV	83054	1245615	18.83%	0.955%
284	18.533	18.479	18.552	VV	20529	737752	11.15%	0.566%
285	18.581	18.552	18.605	VV	37204	801626	12.12%	0.615%
286	18.627	18.605	18.693	VV	29013	981874	14.84%	0.753%
287	18.733	18.693	18.781	VV	112182	2213378	33.46%	1.697%
288	18.795	18.781	18.821	VV	15053	336251	5.08%	0.258%
289	18.844	18.821	18.868	VV	17206	418939	6.33%	0.321%
290	18.989	18.868	19.017	VV	183867	4678714	70.72%	3.588%
291	19.032	19.017	19.083	VV	68941	1899419	28.71%	1.457%
292	19.122	19.083	19.148	VV	37185	1202612	18.18%	0.922%
293	19.170	19.148	19.197	VV	59759	1184896	17.91%	0.909%
294	19.228	19.197	19.253	VV	134103	2239806	33.86%	1.718%
295	19.272	19.253	19.312	VV	50201	1228032	18.56%	0.942%
296	19.330	19.312	19.354	VV	30701	638635	9.65%	0.490%
297	19.381	19.354	19.425	VV	56335	1375818	20.80%	1.055%
298	19.447	19.425	19.460	VV	30265	555746	8.40%	0.426%
299	19.487	19.460	19.505	VV	81003	1412712	21.35%	1.083%

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300	19.524	19.505	19.576	VV	68132	1694773	25.62%	1.300%
301	19.611	19.576	19.658	VV	44289	1571151	23.75%	1.205%
302	19.682	19.658	19.729	VV	45371	1583084	23.93%	1.214%
303	19.767	19.729	19.805	VV	82407	2356382	35.62%	1.807%
304	19.820	19.805	19.848	VV	40001	832748	12.59%	0.639%
305	19.858	19.848	19.875	VV	25317	409948	6.20%	0.314%
306	19.896	19.875	19.912	VV	28366	574172	8.68%	0.440%
307	19.934	19.912	19.953	VV	29069	690413	10.44%	0.529%
308	19.986	19.953	20.017	VV	49687	1483206	22.42%	1.137%
309	20.058	20.017	20.075	VV	35141	1096249	16.57%	0.841%
310	20.093	20.075	20.115	VV	35112	773669	11.69%	0.593%
311	20.135	20.115	20.168	VV	32063	923947	13.97%	0.709%
312	20.192	20.168	20.222	VV	33309	926211	14.00%	0.710%
313	20.270	20.222	20.318	VV	30493	1497456	22.64%	1.148%
314	20.331	20.318	20.350	VV	25712	488840	7.39%	0.375%
315	20.383	20.350	20.448	VV	27816	1496248	22.62%	1.147%
316	20.486	20.448	20.539	VV	33751	1560681	23.59%	1.197%
317	20.557	20.539	20.622	VV	27128	1157012	17.49%	0.887%
318	20.654	20.622	20.671	VV	20563	586646	8.87%	0.450%
319	20.696	20.671	20.725	VV	21531	645575	9.76%	0.495%
320	20.739	20.725	20.761	VV	18531	385288	5.82%	0.295%
321	20.823	20.761	20.837	VV	18285	809823	12.24%	0.621%
322	20.850	20.837	20.885	VV	18823	514029	7.77%	0.394%
323	20.909	20.885	20.946	VV	17788	626523	9.47%	0.480%
324	20.981	20.946	21.005	VV	21300	654421	9.89%	0.502%
325	21.034	21.005	21.101	VV	17697	926793	14.01%	0.711%
326	21.130	21.101	21.177	VV	16667	659222	9.96%	0.506%
327	21.201	21.177	21.223	VV	13868	365122	5.52%	0.280%
328	21.241	21.223	21.267	VV	14221	348371	5.27%	0.267%
329	21.332	21.267	21.358	VV	14469	688393	10.41%	0.528%
330	21.424	21.358	21.538	VV	19633	1439051	21.75%	1.104%
331	21.605	21.538	21.626	VV	10861	503171	7.61%	0.386%
332	21.643	21.626	21.671	VV	10483	259819	3.93%	0.199%
333	21.686	21.671	21.702	VV	9309	164065	2.48%	0.126%
334	21.733	21.702	21.788	VV	11779	463023	7.00%	0.355%
335	21.824	21.788	21.855	VV	12793	398125	6.02%	0.305%
336	21.869	21.855	21.908	VV	10333	279278	4.22%	0.214%
337	21.930	21.908	21.955	VV	7714	196758	2.97%	0.151%
338	21.974	21.955	22.034	VV	7259	262291	3.96%	0.201%
339	22.047	22.034	22.058	VV	4623	63436	0.96%	0.049%
340	22.092	22.058	22.103	VV	4984	121325	1.83%	0.093%
341	22.108	22.103	22.152	VV	4811	130227	1.97%	0.100%
342	22.160	22.152	22.174	VV	3670	47369	0.72%	0.036%
343	22.187	22.174	22.247	VV	3737	117013	1.77%	0.090%
344	22.272	22.247	22.298	VV	2052	42641	0.64%	0.033%
345	22.313	22.298	22.353	VV	1263	26862	0.41%	0.021%
346	22.366	22.353	22.399	VV	604	11036	0.17%	0.008%
Sum of corrected areas:						130407019		

Aliphatic EPH 100725.M Tue Oct 28 04:13:10 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	10/20/25
Project:	49 Moore Place Belleville	Date Received:	10/20/25
Client Sample ID:	4	SDG No.:	Q3410
Lab Sample ID:	Q3410-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.3
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	10/24/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	24.2		1	1.11	4.85	mg/kg	FC070044.D	10/27/25 11:34	PB170249
Total EPH	Total EPH	24.2			1.11	4.85	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:	10/20/25
Project:	49 Moore Place Belleville	Date Received:	10/20/25
Client Sample ID:	4	SDG No.:	Q3410
Lab Sample ID:	Q3410-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.3
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	10/24/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	24.2	1		1.11	4.85	mg/kg	10/27/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	63.6	E 1		1.43	2.43	mg/kg	10/27/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	43.3			40 - 140	87%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	50.7			40 - 140	101%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3410-06	Acq On:	27 Oct 2025 11:34
Client Sample ID:	4	Operator:	YP/AJ
Data file:	FC070044.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.280	6.575	609250	4.208	300	ug/ml
Aliphatic C12-C16	6.576	9.977	2313601	14.126	200	ug/ml
Aliphatic C16-C21	9.978	13.344	19142372	118.203	300	ug/ml
Aliphatic C21-C28	13.345	17.008	23858406	162.145	400	ug/ml
Aliphatic C28-C40	17.009	21.965	84553193	785.812	600	ug/ml
Aliphatic EPH	3.280	21.965	130476822	1080		ug/ml
ortho-Terphenyl (SURR)	11.648	11.648	8898563	50.67		ug/ml
1-chlorooctadecane (SURR)	13.080	13.080	5872602	43.26		ug/ml
Aliphatic C9-C28	3.280	17.008	45923629	298.682	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
Data File : FC070044.D
Signal(s) : FID1A.ch
Acq On : 27 Oct 2025 11:34
Operator : YP/AJ
Sample : Q3410-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
4

Integration File: sample.E
Quant Time: Oct 28 03:26:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.648	8898563	50.674 ug/ml
Spiked Amount	50.000	Recovery	= 101.35%
12) S 1-chlorooctadecane (S...	13.080	5872602	43.263 ug/ml
Spiked Amount	50.000	Recovery	= 86.53%

Target Compounds

(f)=RT Delta > 1/2 Window

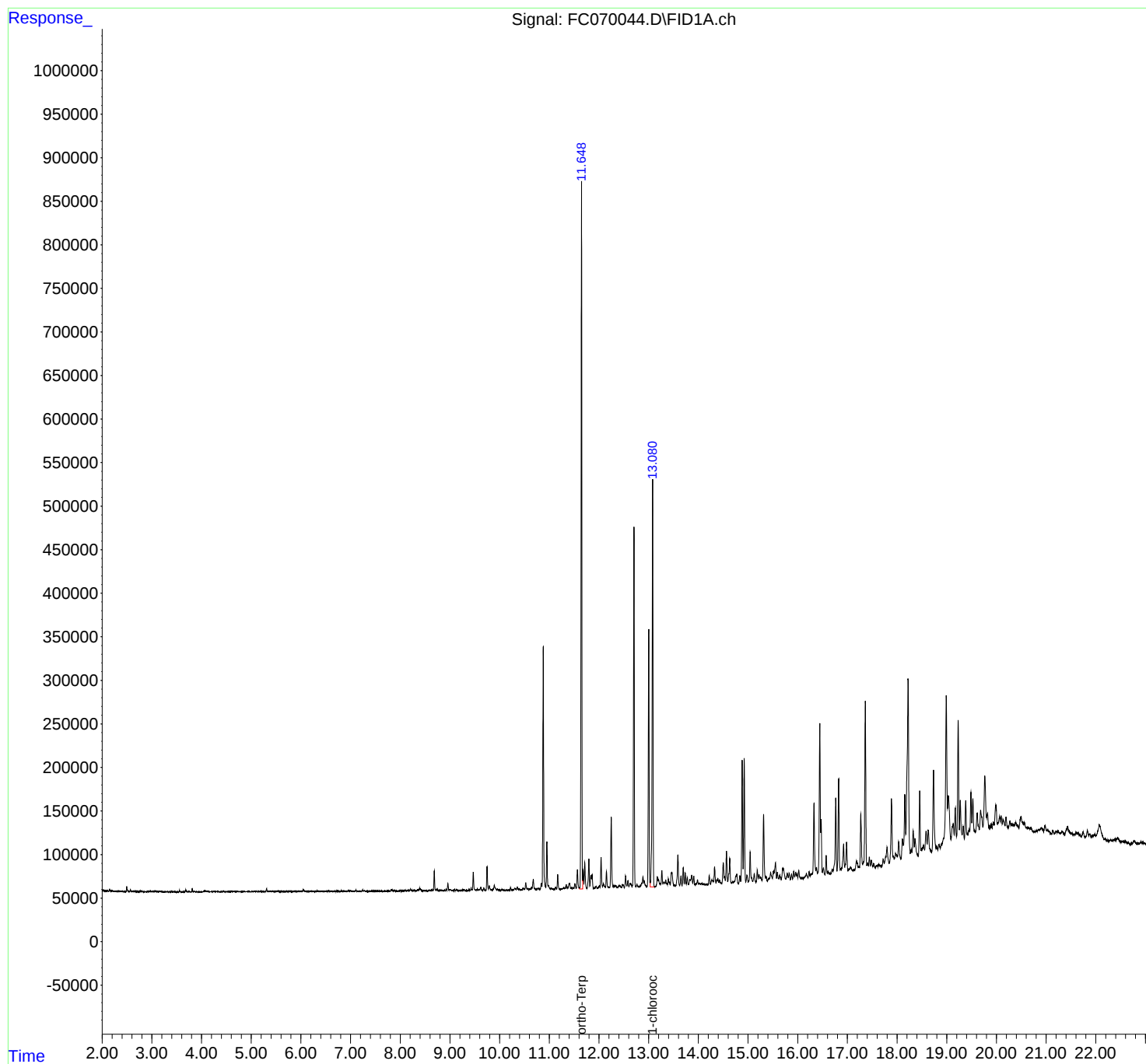
(m)=manual int.

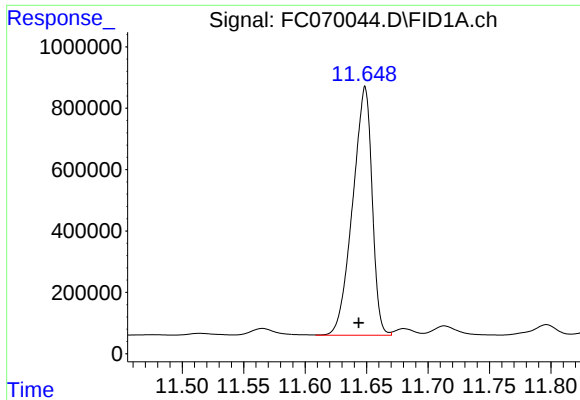
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
Data File : FC070044.D
Signal(s) : FID1A.ch
Acq On : 27 Oct 2025 11:34
Operator : YP/AJ
Sample : Q3410-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
4

Integration File: sample.E
Quant Time: Oct 28 03:26:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

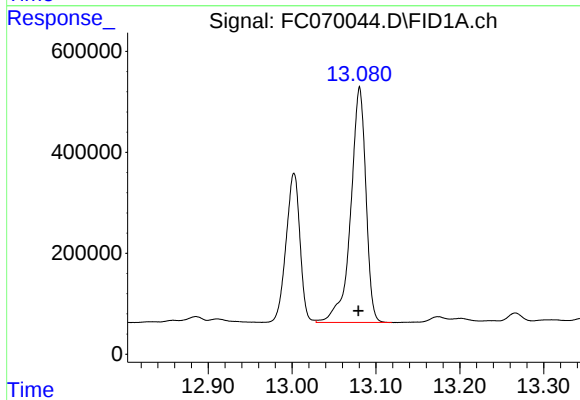




#9 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.005 min
Response: 8898563
Conc: 50.67 ug/ml

Instrument :
FID_C
ClientSampleId :
4



#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: 0.001 min
Response: 5872602
Conc: 43.26 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
 Data File : FC070044.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2025 11:34
 Sample : Q3410-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.308	3.251	3.344	BV	167	2625	0.03%	0.002%
2	3.379	3.344	3.414	PV	210	2937	0.03%	0.002%
3	3.425	3.414	3.451	PV	104	1586	0.02%	0.001%
4	3.475	3.451	3.502	VV	128	2465	0.03%	0.002%
5	3.521	3.502	3.536	VV	181	2193	0.02%	0.001%
6	3.558	3.536	3.597	VV	1771	17874	0.20%	0.012%
7	3.618	3.597	3.641	PV	360	4572	0.05%	0.003%
8	3.651	3.641	3.662	VV	252	2594	0.03%	0.002%
9	3.682	3.662	3.715	VV	2475	25917	0.29%	0.018%
10	3.747	3.715	3.791	VV	642	13714	0.15%	0.009%
11	3.813	3.791	3.840	VV	4028	38924	0.44%	0.027%
12	3.853	3.840	3.884	VV	284	5751	0.06%	0.004%
13	3.898	3.884	3.914	VV	180	2382	0.03%	0.002%
14	3.924	3.914	3.934	VV	194	1542	0.02%	0.001%
15	3.945	3.934	3.950	VV	162	1295	0.01%	0.001%
16	3.964	3.950	4.011	VV	310	5208	0.06%	0.004%
17	4.065	4.011	4.114	VV	1325	45513	0.51%	0.031%
18	4.126	4.114	4.174	VV	616	13058	0.15%	0.009%
19	4.198	4.174	4.214	VV	227	4528	0.05%	0.003%
20	4.247	4.214	4.276	VV	760	14006	0.16%	0.010%
21	4.291	4.276	4.305	VV	460	5142	0.06%	0.004%
22	4.320	4.305	4.341	VV	388	6134	0.07%	0.004%
23	4.350	4.341	4.381	VV	276	3869	0.04%	0.003%
24	4.406	4.381	4.421	VV	221	3803	0.04%	0.003%
25	4.429	4.421	4.437	VV	274	1895	0.02%	0.001%
26	4.450	4.437	4.483	VV	431	6197	0.07%	0.004%
27	4.497	4.483	4.507	VV	175	1676	0.02%	0.001%
28	4.527	4.507	4.551	VV	405	6664	0.07%	0.005%
29	4.598	4.551	4.643	VV	590	15893	0.18%	0.011%
30	4.671	4.643	4.691	VV	466	9843	0.11%	0.007%
31	4.705	4.691	4.719	VV	312	3761	0.04%	0.003%
32	4.733	4.719	4.746	VV	284	3311	0.04%	0.002%
33	4.760	4.746	4.771	VV	252	2140	0.02%	0.001%
34	4.791	4.771	4.820	VV	342	6206	0.07%	0.004%
35	4.836	4.820	4.898	VV	211	7010	0.08%	0.005%
36	4.919	4.898	4.927	VV	219	2512	0.03%	0.002%

					rteres			
37	4.951	4.927	4.994	VV	400	7226	0.08%	0.005%
38	5.041	4.994	5.067	VV	258	6665	0.07%	0.005%
39	5.088	5.067	5.118	VV	344	7397	0.08%	0.005%
40	5.132	5.118	5.158	VV	319	3766	0.04%	0.003%
41	5.198	5.158	5.218	VV	360	8244	0.09%	0.006%
42	5.230	5.218	5.248	VV	219	3252	0.04%	0.002%
43	5.258	5.248	5.283	VV	162	2351	0.03%	0.002%
44	5.309	5.283	5.335	VV	3508	39007	0.44%	0.027%
45	5.365	5.335	5.434	VV	552	22311	0.25%	0.015%
46	5.441	5.434	5.467	VV	264	3622	0.04%	0.002%
47	5.545	5.467	5.581	VV	941	23368	0.26%	0.016%
48	5.604	5.581	5.648	VV	388	6853	0.08%	0.005%
49	5.656	5.648	5.672	VV	191	1969	0.02%	0.001%
50	5.682	5.672	5.704	VV	175	1939	0.02%	0.001%
51	5.722	5.704	5.763	VV	385	9045	0.10%	0.006%
52	5.784	5.763	5.816	VV	248	4831	0.05%	0.003%
53	5.837	5.816	5.865	VV	282	3969	0.04%	0.003%
54	5.905	5.865	5.917	VV	304	6303	0.07%	0.004%
55	5.945	5.917	5.981	VV	444	9465	0.11%	0.006%
56	6.050	5.981	6.165	VV	2193	59252	0.67%	0.040%
57	6.187	6.165	6.234	VV	522	12682	0.14%	0.009%
58	6.254	6.234	6.301	VV	374	7142	0.08%	0.005%
59	6.323	6.301	6.355	VV	868	14936	0.17%	0.010%
60	6.364	6.355	6.379	VV	393	4452	0.05%	0.003%
61	6.399	6.379	6.444	VV	576	15735	0.18%	0.011%
62	6.477	6.444	6.521	VV	346	9826	0.11%	0.007%
63	6.551	6.521	6.583	VV	1160	18902	0.21%	0.013%
64	6.598	6.583	6.653	VV	423	12293	0.14%	0.008%
65	6.678	6.653	6.703	VV	453	7562	0.08%	0.005%
66	6.725	6.703	6.741	VV	479	6521	0.07%	0.004%
67	6.751	6.741	6.784	VV	348	4423	0.05%	0.003%
68	6.864	6.784	6.931	VV	724	36081	0.41%	0.025%
69	6.948	6.931	6.978	VV	1043	19362	0.22%	0.013%
70	6.994	6.978	7.064	VV	689	23629	0.27%	0.016%
71	7.107	7.064	7.140	VV	1442	25559	0.29%	0.017%
72	7.153	7.140	7.221	VV	421	9992	0.11%	0.007%
73	7.241	7.221	7.258	PV	1967	20382	0.23%	0.014%
74	7.272	7.258	7.291	VV	1206	15034	0.17%	0.010%
75	7.302	7.291	7.351	VV	411	8251	0.09%	0.006%
76	7.360	7.351	7.377	VV	194	1940	0.02%	0.001%
77	7.400	7.377	7.411	PV	603	7097	0.08%	0.005%
78	7.423	7.411	7.440	VV	530	8249	0.09%	0.006%
79	7.456	7.440	7.477	VV	760	12662	0.14%	0.009%
80	7.491	7.477	7.514	VV	469	9244	0.10%	0.006%
81	7.525	7.514	7.557	VV	475	9028	0.10%	0.006%
82	7.579	7.557	7.596	VV	344	6612	0.07%	0.005%
83	7.625	7.596	7.674	VV	368	12240	0.14%	0.008%
84	7.694	7.674	7.711	VV	634	7747	0.09%	0.005%
85	7.743	7.711	7.755	VV	410	6718	0.08%	0.005%
86	7.763	7.755	7.795	VV	286	6077	0.07%	0.004%
87	7.828	7.795	7.871	VV	1752	47148	0.53%	0.032%
88	7.886	7.871	7.948	VV	650	15071	0.17%	0.010%
89	7.992	7.948	8.018	PV	612	15111	0.17%	0.010%

					rteres			
90	8.041	8.018	8.067	VV	779	12528	0.14%	0.009%
91	8.101	8.067	8.122	VV	1093	24327	0.27%	0.017%
92	8.160	8.122	8.183	VV	922	22922	0.26%	0.016%
93	8.204	8.183	8.220	VV	2470	28412	0.32%	0.019%
94	8.233	8.220	8.254	VV	1423	18144	0.20%	0.012%
95	8.278	8.254	8.320	VV	1213	27149	0.30%	0.018%
96	8.391	8.320	8.461	VV	3631	102646	1.15%	0.070%
97	8.478	8.461	8.491	VV	669	8708	0.10%	0.006%
98	8.505	8.491	8.553	VV	639	14229	0.16%	0.010%
99	8.582	8.553	8.624	VV	1148	29952	0.34%	0.020%
100	8.639	8.624	8.660	VV	1503	21767	0.24%	0.015%
101	8.684	8.660	8.712	VV	22967	244348	2.74%	0.166%
102	8.741	8.712	8.790	VV	1904	48135	0.54%	0.033%
103	8.807	8.790	8.825	VV	917	14746	0.17%	0.010%
104	8.834	8.825	8.887	VV	596	18146	0.20%	0.012%
105	8.925	8.887	8.938	VV	1927	30243	0.34%	0.021%
106	8.959	8.938	8.985	VV	8491	108750	1.22%	0.074%
107	8.996	8.985	9.073	VV	1443	41633	0.47%	0.028%
108	9.094	9.073	9.112	VV	1875	21630	0.24%	0.015%
109	9.132	9.112	9.169	VV	1376	23900	0.27%	0.016%
110	9.191	9.169	9.206	VV	669	7682	0.09%	0.005%
111	9.219	9.206	9.231	VV	343	3919	0.04%	0.003%
112	9.250	9.231	9.266	VV	1102	13757	0.15%	0.009%
113	9.282	9.266	9.317	VV	1172	17228	0.19%	0.012%
114	9.337	9.317	9.353	VV	435	5555	0.06%	0.004%
115	9.386	9.353	9.406	VV	1208	18611	0.21%	0.013%
116	9.426	9.406	9.446	VV	2399	30646	0.34%	0.021%
117	9.470	9.446	9.526	VV	21143	256256	2.88%	0.175%
118	9.550	9.526	9.576	VV	1797	33621	0.38%	0.023%
119	9.591	9.576	9.601	VV	1397	15911	0.18%	0.011%
120	9.622	9.601	9.660	VV	4071	61607	0.69%	0.042%
121	9.683	9.660	9.720	VV	2325	36407	0.41%	0.025%
122	9.747	9.720	9.775	VV	27696	323324	3.63%	0.220%
123	9.792	9.775	9.830	VV	5690	93116	1.05%	0.063%
124	9.841	9.830	9.854	VV	849	11045	0.12%	0.008%
125	9.894	9.854	9.940	VV	6165	134301	1.51%	0.091%
126	9.956	9.940	10.017	VV	1420	34267	0.38%	0.023%
127	10.044	10.017	10.088	PV	653	16557	0.19%	0.011%
128	10.104	10.088	10.114	VV	250	3054	0.03%	0.002%
129	10.131	10.114	10.154	VV	474	5892	0.07%	0.004%
130	10.178	10.154	10.198	VV	442	5581	0.06%	0.004%
131	10.221	10.198	10.248	VV	3146	37375	0.42%	0.025%
132	10.267	10.248	10.281	VV	754	9229	0.10%	0.006%
133	10.304	10.281	10.335	VV	2307	47127	0.53%	0.032%
134	10.355	10.335	10.377	VV	3825	55475	0.62%	0.038%
135	10.394	10.377	10.421	VV	2256	28871	0.32%	0.020%
136	10.470	10.421	10.508	PV	2532	56671	0.64%	0.039%
137	10.527	10.508	10.557	VV	8578	116113	1.30%	0.079%
138	10.571	10.557	10.594	VV	2110	30553	0.34%	0.021%
139	10.609	10.594	10.623	VV	1145	15926	0.18%	0.011%
140	10.643	10.623	10.653	VV	3412	39048	0.44%	0.027%
141	10.677	10.653	10.725	VV	11916	197503	2.22%	0.135%

					rteres			
142	10.775	10.725	10.794	VV	2183	46181	0.52%	0.031%
143	10.840	10.794	10.851	VV	7564	103027	1.16%	0.070%
144	10.878	10.851	10.927	VV	278963	3300648	37.07%	2.248%
145	10.951	10.927	10.976	VV	55121	636764	7.15%	0.434%
146	10.983	10.976	11.018	VV	5110	71433	0.80%	0.049%
147	11.037	11.018	11.071	VV	1536	33275	0.37%	0.023%
148	11.088	11.071	11.103	VV	444	5458	0.06%	0.004%
149	11.128	11.103	11.146	VV	2867	35633	0.40%	0.024%
150	11.169	11.146	11.211	VV	17345	205603	2.31%	0.140%
151	11.246	11.211	11.258	PV	665	9674	0.11%	0.007%
152	11.290	11.258	11.304	VV	1634	31588	0.35%	0.022%
153	11.314	11.304	11.324	VV	1468	15269	0.17%	0.010%
154	11.341	11.324	11.362	VV	5411	68071	0.76%	0.046%
155	11.405	11.362	11.430	VV	6462	148353	1.67%	0.101%
156	11.442	11.430	11.458	VV	1843	22472	0.25%	0.015%
157	11.476	11.458	11.493	VV	1861	26273	0.30%	0.018%
158	11.515	11.493	11.541	VV	6300	92363	1.04%	0.063%
159	11.565	11.541	11.609	VV	22151	310733	3.49%	0.212%
160	11.648	11.609	11.671	VV	801166	8903098	100.00%	6.064%
161	11.681	11.671	11.696	VV	21356	220755	2.48%	0.150%
162	11.714	11.696	11.758	VV	30111	410730	4.61%	0.280%
163	11.796	11.758	11.817	VV	34337	463583	5.21%	0.316%
164	11.836	11.817	11.848	VV	15099	203400	2.28%	0.139%
165	11.861	11.848	11.893	VV	16411	206886	2.32%	0.141%
166	11.943	11.893	11.964	PV	2147	45374	0.51%	0.031%
167	12.009	11.964	12.018	VV	2641	47907	0.54%	0.033%
168	12.042	12.018	12.072	VV	35448	428860	4.82%	0.292%
169	12.091	12.072	12.127	VV	5474	100184	1.13%	0.068%
170	12.150	12.127	12.194	VV	19196	250879	2.82%	0.171%
171	12.247	12.194	12.287	VV	82367	1081716	12.15%	0.737%
172	12.297	12.287	12.314	VV	2760	33807	0.38%	0.023%
173	12.331	12.314	12.368	VV	2599	53654	0.60%	0.037%
174	12.401	12.368	12.415	VV	2934	45575	0.51%	0.031%
175	12.424	12.415	12.451	VV	2105	28554	0.32%	0.019%
176	12.472	12.451	12.482	VV	3979	46015	0.52%	0.031%
177	12.488	12.482	12.510	VV	3338	33742	0.38%	0.023%
178	12.535	12.510	12.562	VV	13682	176915	1.99%	0.121%
179	12.582	12.562	12.602	VV	8206	107516	1.21%	0.073%
180	12.627	12.602	12.664	VV	5082	120571	1.35%	0.082%
181	12.705	12.664	12.742	VV	412374	4691415	52.69%	3.195%
182	12.765	12.742	12.808	VV	3404	60004	0.67%	0.041%
183	12.833	12.808	12.841	VV	1956	26303	0.30%	0.018%
184	12.885	12.841	12.900	VV	12091	217084	2.44%	0.148%
185	12.911	12.900	12.964	VV	7476	125022	1.40%	0.085%
186	13.002	12.964	13.029	VV	295842	3419834	38.41%	2.329%
187	13.080	13.029	13.121	VV	466097	5875345	65.99%	4.002%
188	13.174	13.121	13.190	PV	11437	162842	1.83%	0.111%
189	13.201	13.190	13.225	VV	8158	123077	1.38%	0.084%
190	13.266	13.225	13.288	VV	18649	277973	3.12%	0.189%
191	13.311	13.288	13.328	VV	4970	104402	1.17%	0.071%
192	13.345	13.328	13.379	VV	7520	139448	1.57%	0.095%
193	13.397	13.379	13.434	VV	8763	161862	1.82%	0.110%
194	13.470	13.434	13.514	VV	16038	389319	4.37%	0.265%

					rteres			
195	13.523	13.514	13.543	VV	1156	14749	0.17%	0.010%
196	13.589	13.543	13.628	VV	35980	538703	6.05%	0.367%
197	13.650	13.628	13.672	VV	11420	143763	1.61%	0.098%
198	13.697	13.672	13.718	VV	20713	272047	3.06%	0.185%
199	13.737	13.718	13.758	VV	14702	190355	2.14%	0.130%
200	13.778	13.758	13.801	VV	9868	133832	1.50%	0.091%
201	13.829	13.801	13.839	VV	7474	107041	1.20%	0.073%
202	13.866	13.839	13.888	VV	12004	221267	2.49%	0.151%
203	13.907	13.888	13.943	VV	11134	163484	1.84%	0.111%
204	13.984	13.943	14.005	VV	6619	115594	1.30%	0.079%
205	14.025	14.005	14.042	VV	2461	45384	0.51%	0.031%
206	14.065	14.042	14.101	VV	2439	61639	0.69%	0.042%
207	14.116	14.101	14.135	VV	1731	23211	0.26%	0.016%
208	14.152	14.135	14.163	PV	1237	13660	0.15%	0.009%
209	14.177	14.163	14.194	VV	1174	16192	0.18%	0.011%
210	14.219	14.194	14.245	VV	10912	145294	1.63%	0.099%
211	14.271	14.245	14.304	VV	6015	151175	1.70%	0.103%
212	14.327	14.304	14.354	VV	20956	295554	3.32%	0.201%
213	14.392	14.354	14.411	VV	7021	158287	1.78%	0.108%
214	14.427	14.411	14.471	VV	5208	100460	1.13%	0.068%
215	14.502	14.471	14.543	VV	24674	471881	5.30%	0.321%
216	14.566	14.543	14.592	VV	37456	526161	5.91%	0.358%
217	14.631	14.592	14.670	VV	29589	505796	5.68%	0.345%
218	14.691	14.670	14.707	VV	2755	40797	0.46%	0.028%
219	14.772	14.707	14.804	VV	11019	281483	3.16%	0.192%
220	14.835	14.804	14.852	PV	9030	116122	1.30%	0.079%
221	14.881	14.852	14.902	VV	141360	1725714	19.38%	1.175%
222	14.923	14.902	14.955	VV	142495	1761423	19.78%	1.200%
223	14.979	14.955	15.004	VV	9176	148877	1.67%	0.101%
224	15.042	15.004	15.094	VV	35554	533818	6.00%	0.364%
225	15.125	15.094	15.158	VV	9715	156251	1.76%	0.106%
226	15.186	15.158	15.205	PV	13902	182710	2.05%	0.124%
227	15.221	15.205	15.242	VV	8875	139778	1.57%	0.095%
228	15.255	15.242	15.282	VV	5249	90317	1.01%	0.062%
229	15.313	15.282	15.353	VV	77837	1138941	12.79%	0.776%
230	15.365	15.353	15.394	VV	5159	79573	0.89%	0.054%
231	15.418	15.394	15.428	VV	3290	49861	0.56%	0.034%
232	15.456	15.428	15.489	VV	9994	213549	2.40%	0.145%
233	15.512	15.489	15.522	VV	11013	153597	1.73%	0.105%
234	15.552	15.522	15.574	VV	21015	399240	4.48%	0.272%
235	15.591	15.574	15.617	VV	9955	139280	1.56%	0.095%
236	15.638	15.617	15.668	VV	5614	106148	1.19%	0.072%
237	15.712	15.668	15.756	VV	13893	397949	4.47%	0.271%
238	15.790	15.756	15.810	VV	7633	134800	1.51%	0.092%
239	15.829	15.810	15.854	VV	7662	110872	1.25%	0.076%
240	15.877	15.854	15.898	VV	6302	82644	0.93%	0.056%
241	15.919	15.898	15.939	VV	9523	126758	1.42%	0.086%
242	15.958	15.939	15.973	VV	7950	112449	1.26%	0.077%
243	15.985	15.973	16.002	VV	6581	79023	0.89%	0.054%
244	16.021	16.002	16.071	VV	9995	159156	1.79%	0.108%
245	16.086	16.071	16.107	VV	870	9753	0.11%	0.007%
246	16.175	16.107	16.206	PV	5526	130691	1.47%	0.089%

rteres								
247	16.229	16.206	16.247	VV	7304	92796	1.04%	0.063%
248	16.328	16.247	16.365	VV	85280	1442649	16.20%	0.983%
249	16.378	16.365	16.398	VV	11058	160878	1.81%	0.110%
250	16.445	16.398	16.497	VV	173873	3228335	36.26%	2.199%
251	16.517	16.497	16.547	VV	9676	175440	1.97%	0.119%
252	16.573	16.547	16.596	VV	23456	305990	3.44%	0.208%
253	16.609	16.596	16.647	VV	4953	103414	1.16%	0.070%
254	16.661	16.647	16.672	VV	2690	32167	0.36%	0.022%
255	16.694	16.672	16.708	VV	6645	100655	1.13%	0.069%
256	16.766	16.708	16.792	VV	88724	1370349	15.39%	0.933%
257	16.824	16.792	16.861	VV	109893	1559015	17.51%	1.062%
258	16.924	16.861	16.947	VV	34425	727970	8.18%	0.496%
259	17.984	17.463	17.014	VV	35685	651016	7.31%	0.443%
260	17.030	17.014	17.044	VV	4726	74397	0.84%	0.051%
261	17.065	17.044	17.110	VV	6459	177796	2.00%	0.121%
262	17.128	17.110	17.143	VV	3400	54987	0.62%	0.037%
263	17.184	17.143	17.220	VV	12898	362695	4.07%	0.247%
264	17.231	17.220	17.243	VV	6582	82675	0.93%	0.056%
265	17.271	17.243	17.306	VV	64957	1052916	11.83%	0.717%
266	17.361	17.306	17.392	VV	195618	2996751	33.66%	2.041%
267	17.408	17.392	17.423	VV	9045	138835	1.56%	0.095%
268	17.442	17.423	17.463	VV	15648	242467	2.72%	0.165%
269	17.483	17.463	17.509	VV	11453	215856	2.42%	0.147%
270	17.530	17.509	17.558	VV	7647	151297	1.70%	0.103%
271	17.592	17.558	17.613	VV	4705	131460	1.48%	0.090%
272	17.631	17.613	17.659	VV	5568	127570	1.43%	0.087%
273	17.666	17.659	17.693	VV	3985	72186	0.81%	0.049%
274	17.720	17.693	17.742	VV	11162	219370	2.46%	0.149%
275	17.798	17.742	17.840	VV	24561	781889	8.78%	0.533%
276	17.888	17.840	17.942	VV	78669	1631996	18.33%	1.112%
277	17.971	17.942	18.007	VV	16165	516571	5.80%	0.352%
278	18.032	18.007	18.078	VV	29342	724061	8.13%	0.493%
279	18.108	18.078	18.128	VV	31680	664219	7.46%	0.452%
280	18.156	18.128	18.175	VV	83075	1441158	16.19%	0.982%
281	18.221	18.175	18.268	VV	215108	5175455	58.13%	3.525%
282	18.284	18.268	18.297	VV	18571	290884	3.27%	0.198%
283	18.324	18.297	18.346	VV	39570	812991	9.13%	0.554%
284	18.361	18.346	18.424	VV	30176	871779	9.79%	0.594%
285	18.456	18.424	18.484	VV	84212	1349712	15.16%	0.919%
286	18.531	18.484	18.553	VV	21083	765633	8.60%	0.521%
287	18.583	18.553	18.605	VV	37450	854010	9.59%	0.582%
288	18.628	18.605	18.695	VV	37838	1223095	13.74%	0.833%
289	18.734	18.695	18.820	VV	106630	2690750	30.22%	1.833%
290	18.842	18.820	18.870	VV	19823	531039	5.96%	0.362%
291	18.990	18.870	19.017	VV	190142	4955896	55.66%	3.376%
292	19.033	19.017	19.085	VV	74631	2120084	23.81%	1.444%
293	19.129	19.085	19.149	VV	42272	1359683	15.27%	0.926%
294	19.171	19.149	19.196	VV	59369	1184064	13.30%	0.807%
295	19.230	19.196	19.255	VV	160132	2793668	31.38%	1.903%
296	19.272	19.255	19.308	VV	67879	1446048	16.24%	0.985%
297	19.330	19.308	19.354	VV	37009	852871	9.58%	0.581%
298	19.382	19.354	19.427	VV	66626	1678674	18.85%	1.143%
299	19.450	19.427	19.461	VV	33700	644899	7.24%	0.439%

rteres								
300	19.487	19.461	19.506	VV	76120	1412537	15.87%	0.962%
301	19.526	19.506	19.576	VV	67996	1821189	20.46%	1.240%
302	19.613	19.576	19.655	VV	51178	1839375	20.66%	1.253%
303	19.682	19.655	19.728	VV	53858	1880474	21.12%	1.281%
304	19.767	19.728	19.803	VV	91612	2750710	30.90%	1.874%
305	19.820	19.803	19.877	VV	49442	1733399	19.47%	1.181%
306	19.895	19.877	19.912	VV	37007	712039	8.00%	0.485%
307	19.941	19.912	19.958	VV	37248	982475	11.04%	0.669%
308	19.988	19.958	20.019	VV	57823	1732683	19.46%	1.180%
309	20.063	20.019	20.078	VV	43375	1391593	15.63%	0.948%
310	20.095	20.078	20.118	VV	44485	956723	10.75%	0.652%
311	20.134	20.118	20.171	VV	40281	1171946	13.16%	0.798%
312	20.194	20.171	20.234	VV	42697	1329874	14.94%	0.906%
313	20.272	20.234	20.291	VV	37143	1147192	12.89%	0.781%
314	20.318	20.291	20.329	VV	33375	743952	8.36%	0.507%
315	20.340	20.329	20.351	VV	32592	423690	4.76%	0.289%
316	20.387	20.351	20.454	VV	34725	1957253	21.98%	1.333%
317	20.495	20.454	20.544	VV	40157	1893862	21.27%	1.290%
318	20.562	20.544	20.625	VV	33490	1420682	15.96%	0.968%
319	20.641	20.625	20.675	VV	27678	794344	8.92%	0.541%
320	20.693	20.675	20.734	VV	27419	888590	9.98%	0.605%
321	20.748	20.734	20.761	VV	21710	344249	3.87%	0.234%
322	20.798	20.761	20.807	VV	22384	598623	6.72%	0.408%
323	20.849	20.807	20.860	VV	23135	709505	7.97%	0.483%
324	20.901	20.860	20.946	VV	24748	1209040	13.58%	0.824%
325	20.977	20.946	21.099	VV	26771	1943257	21.83%	1.324%
326	21.140	21.099	21.164	VV	20451	705050	7.92%	0.480%
327	21.202	21.164	21.222	VV	18872	604357	6.79%	0.412%
328	21.241	21.222	21.283	VV	19422	637686	7.16%	0.434%
329	21.326	21.283	21.374	VV	17664	895335	10.06%	0.610%
330	21.431	21.374	21.546	VV	22617	1721885	19.34%	1.173%
331	21.551	21.546	21.566	VV	12836	156948	1.76%	0.107%
332	21.578	21.566	21.583	VV	12825	128570	1.44%	0.088%
333	21.605	21.583	21.633	VV	14901	411361	4.62%	0.280%
334	21.645	21.633	21.708	VV	13553	525730	5.91%	0.358%
335	21.744	21.708	21.793	VV	14128	547147	6.15%	0.373%
336	21.830	21.793	21.861	VV	14964	470978	5.29%	0.321%
337	21.880	21.861	21.913	VV	10890	294013	3.30%	0.200%
338	21.944	21.913	21.953	VV	9066	202490	2.27%	0.138%
339	21.979	21.953	21.998	VV	9729	236903	2.66%	0.161%
340	22.071	21.998	22.184	VV	20059	1209097	13.58%	0.824%
341	22.192	22.184	22.271	VV	3253	69513	0.78%	0.047%
342	22.301	22.271	22.325	PV	1111	23173	0.26%	0.016%
343	22.338	22.325	22.346	PV	435	2798	0.03%	0.002%
344	22.379	22.346	22.398	PV	1297	18178	0.20%	0.012%
Sum of corrected areas:					146814927			

Aliphatic EPH 100725.M Tue Oct 28 04:13:39 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	10/20/25
Project:	49 Moore Place Belleville	Date Received:	10/20/25
Client Sample ID:	5	SDG No.:	Q3410
Lab Sample ID:	Q3410-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.8
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	10/24/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	27.1		1	1.15	5.08	mg/kg	FC070035.D	10/24/25 18:48	PB170249
Total EPH	Total EPH	27.1			1.15	5.08	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:	10/20/25
Project:	49 Moore Place Belleville	Date Received:	10/20/25
Client Sample ID:	5	SDG No.:	Q3410
Lab Sample ID:	Q3410-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.8
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	10/24/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	27.1	1		1.15	5.08	mg/kg	10/24/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	124	E 1		1.49	2.53	mg/kg	10/24/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	28.3			40 - 140	57%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.1			40 - 140	50%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3410-07	Acq On:	24 Oct 2025 18:48
Client Sample ID:	5	Operator:	YP/AJ
Data file:	FC070035.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.278	6.573	827359	5.714	300	ug/ml
Aliphatic C12-C16	6.574	9.974	2148900	13.12	200	ug/ml
Aliphatic C16-C21	9.975	13.340	17896158	110.507	300	ug/ml
Aliphatic C21-C28	13.341	17.004	28194673	191.615	400	ug/ml
Aliphatic C28-C40	17.005	21.957	158919517	1480	600	ug/ml
Aliphatic EPH	3.278	21.957	207986607	1800		ug/ml
ortho-Terphenyl (SURR)	11.644	11.644	4413724	25.13		ug/ml
1-chlorooctadecane (SURR)	13.079	13.079	3836171	28.26		ug/ml
Aliphatic C9-C28	3.278	17.004	49067090	320.956	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070035.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 18:48
Operator : YP/AJ
Sample : Q3410-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5

Integration File: sample.E
Quant Time: Oct 27 07:39:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.644	4413724	25.135 ug/ml
Spiked Amount 50.000		Recovery =	50.27%
12) S 1-chlorooctadecane (S...	13.079	3836171	28.261 ug/ml
Spiked Amount 50.000		Recovery =	56.52%

Target Compounds

(f)=RT Delta > 1/2 Window

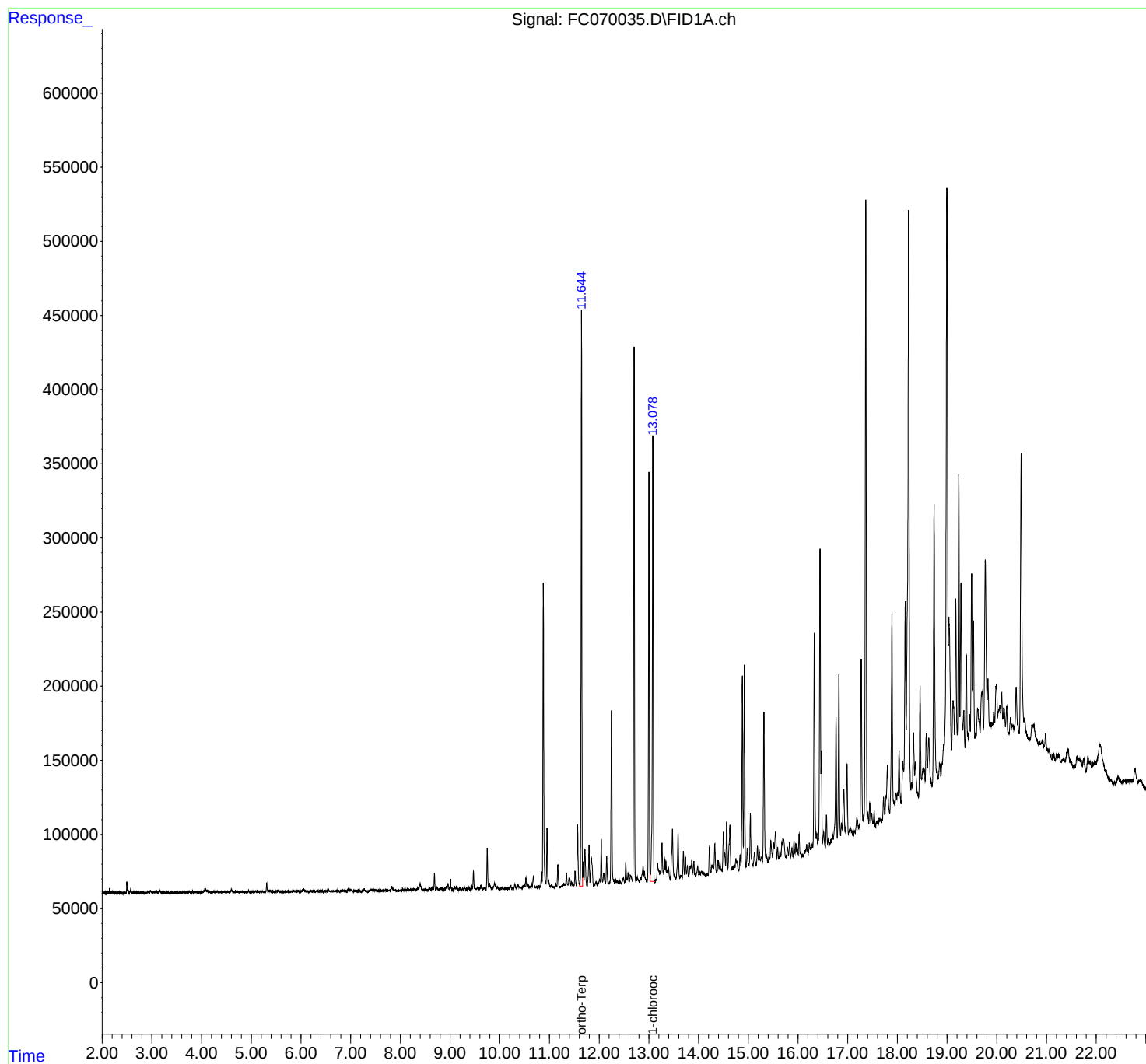
(m)=manual int.

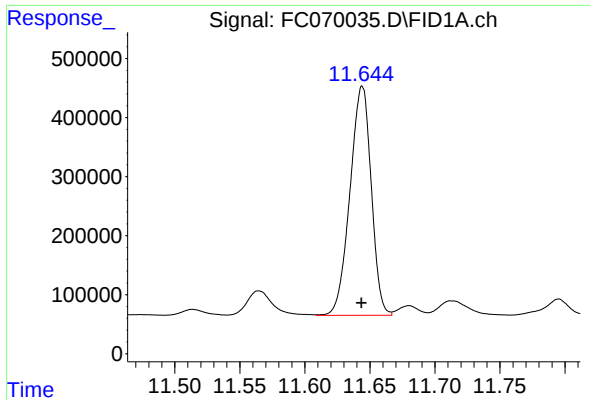
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070035.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 18:48
Operator : YP/AJ
Sample : Q3410-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5

Integration File: sample.E
Quant Time: Oct 27 07:39:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

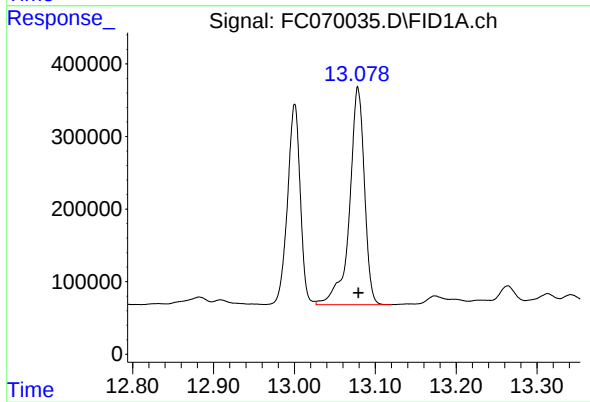




#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 4413724
Conc: 25.13 ug/ml

Instrument :
FID_C
ClientSampleId :
5



#12 1-chlorooctadecane (SURR)

R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 3836171
Conc: 28.26 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070035.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 18:48
 Sample : Q3410-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.306	3.281	3.352	PV	157	3846	0.03%	0.002%
2	3.380	3.352	3.441	PV	149	3960	0.04%	0.002%
3	3.457	3.441	3.476	VV	156	1779	0.02%	0.001%
4	3.490	3.476	3.507	VV	122	1466	0.01%	0.001%
5	3.523	3.507	3.534	VV	108	1223	0.01%	0.001%
6	3.561	3.534	3.603	PV	465	6943	0.06%	0.003%
7	3.620	3.603	3.641	VV	512	5763	0.05%	0.003%
8	3.655	3.641	3.665	VV	355	3304	0.03%	0.002%
9	3.684	3.665	3.718	VV	886	13425	0.12%	0.006%
10	3.749	3.718	3.780	VV	723	13016	0.12%	0.006%
11	3.816	3.780	3.841	VV	950	13604	0.12%	0.006%
12	3.862	3.841	3.921	VV	588	14418	0.13%	0.007%
13	3.927	3.921	3.950	VV	176	2307	0.02%	0.001%
14	3.964	3.950	4.007	VV	216	5345	0.05%	0.002%
15	4.073	4.007	4.115	VV	1977	66166	0.59%	0.030%
16	4.128	4.115	4.207	VV	813	21011	0.19%	0.010%
17	4.248	4.207	4.278	VV	1090	19627	0.18%	0.009%
18	4.291	4.278	4.308	VV	561	6945	0.06%	0.003%
19	4.320	4.308	4.339	VV	675	9530	0.09%	0.004%
20	4.348	4.339	4.402	VV	440	11267	0.10%	0.005%
21	4.426	4.415	4.438	VV	305	3257	0.03%	0.001%
22	4.453	4.438	4.488	VV	586	10091	0.09%	0.005%
23	4.529	4.488	4.554	VV	636	13040	0.12%	0.006%
24	4.601	4.554	4.647	VV	1860	36792	0.33%	0.017%
25	4.675	4.647	4.721	VV	668	18519	0.17%	0.008%
26	4.738	4.721	4.772	VV	468	8429	0.08%	0.004%
27	4.792	4.772	4.808	VV	530	7425	0.07%	0.003%
28	4.829	4.808	4.868	VV	408	11521	0.10%	0.005%
29	4.876	4.868	4.903	VV	279	3851	0.03%	0.002%
30	4.918	4.903	4.931	VV	265	3410	0.03%	0.002%
31	4.950	4.931	5.002	VV	670	14472	0.13%	0.007%
32	5.025	5.002	5.063	VV	454	10194	0.09%	0.005%
33	5.083	5.063	5.114	VV	572	11620	0.10%	0.005%
34	5.131	5.114	5.160	VV	480	9565	0.09%	0.004%
35	5.201	5.160	5.251	VV	700	23509	0.21%	0.011%
36	5.258	5.251	5.286	VV	266	4540	0.04%	0.002%

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37	5.310	5.286	5.336	VV	6153	67061	0.60%	0.031%
38	5.357	5.336	5.431	VV	903	32762	0.29%	0.015%
39	5.437	5.431	5.478	VV	345	7421	0.07%	0.003%
40	5.544	5.478	5.591	VV	1087	31071	0.28%	0.014%
41	5.606	5.591	5.643	VV	555	9622	0.09%	0.004%
42	5.658	5.643	5.676	VV	335	4817	0.04%	0.002%
43	5.689	5.676	5.704	VV	383	4728	0.04%	0.002%
44	5.722	5.704	5.733	VV	475	7016	0.06%	0.003%
45	5.744	5.733	5.778	VV	588	8459	0.08%	0.004%
46	5.801	5.778	5.818	VV	251	4711	0.04%	0.002%
47	5.844	5.818	5.860	VV	556	8422	0.08%	0.004%
48	5.872	5.860	5.923	VV	546	16187	0.14%	0.007%
49	5.946	5.923	5.987	VV	662	13612	0.12%	0.006%
50	6.052	5.987	6.128	VV	2203	70531	0.63%	0.032%
51	6.150	6.128	6.169	VV	468	8430	0.08%	0.004%
52	6.190	6.169	6.228	VV	690	15246	0.14%	0.007%
53	6.252	6.228	6.303	VV	632	14287	0.13%	0.007%
54	6.323	6.303	6.361	VV	1031	19462	0.17%	0.009%
55	6.398	6.361	6.456	VV	897	29900	0.27%	0.014%
56	6.474	6.456	6.491	VV	422	6457	0.06%	0.003%
57	6.517	6.491	6.531	VV	530	8273	0.07%	0.004%
58	6.551	6.531	6.585	VV	1498	23704	0.21%	0.011%
59	6.601	6.585	6.650	VV	442	13481	0.12%	0.006%
60	6.680	6.650	6.707	VV	655	12438	0.11%	0.006%
61	6.725	6.707	6.741	VV	755	9585	0.09%	0.004%
62	6.750	6.741	6.782	VV	459	7380	0.07%	0.003%
63	6.815	6.782	6.850	VV	1043	22579	0.20%	0.010%
64	6.862	6.850	6.919	VV	617	17163	0.15%	0.008%
65	6.947	6.919	6.970	VV	1484	24772	0.22%	0.011%
66	6.991	6.970	7.061	VV	941	33755	0.30%	0.015%
67	7.075	7.061	7.088	VV	388	5076	0.05%	0.002%
68	7.104	7.088	7.122	VV	939	12683	0.11%	0.006%
69	7.132	7.122	7.144	VV	449	5145	0.05%	0.002%
70	7.151	7.144	7.178	VV	484	7247	0.06%	0.003%
71	7.184	7.178	7.216	VV	289	3690	0.03%	0.002%
72	7.241	7.216	7.255	PV	830	9918	0.09%	0.005%
73	7.272	7.255	7.294	VV	1852	23029	0.21%	0.010%
74	7.306	7.294	7.344	VV	555	9275	0.08%	0.004%
75	7.362	7.344	7.379	VV	200	2806	0.03%	0.001%
76	7.417	7.379	7.441	VV	1183	26434	0.24%	0.012%
77	7.450	7.441	7.478	VV	743	13824	0.12%	0.006%
78	7.489	7.478	7.510	VV	730	12463	0.11%	0.006%
79	7.524	7.510	7.568	VV	706	16131	0.14%	0.007%
80	7.576	7.568	7.604	VV	434	8419	0.08%	0.004%
81	7.623	7.604	7.674	VV	668	17233	0.15%	0.008%
82	7.694	7.674	7.726	VV	828	14772	0.13%	0.007%
83	7.743	7.726	7.771	VV	565	11048	0.10%	0.005%
84	7.827	7.771	7.924	VV	2525	83555	0.75%	0.038%
85	7.933	7.924	7.954	VV	215	2399	0.02%	0.001%
86	7.969	7.954	7.976	PV	252	2231	0.02%	0.001%
87	8.003	7.976	8.018	VV	364	6063	0.05%	0.003%
88	8.043	8.018	8.073	VV	1215	17203	0.15%	0.008%
89	8.104	8.073	8.121	VV	864	16402	0.15%	0.007%

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90	8.153	8.121	8.186	VV	1402	33474	0.30%	0.015%
91	8.204	8.186	8.220	VV	1308	15057	0.13%	0.007%
92	8.233	8.220	8.245	VV	692	8139	0.07%	0.004%
93	8.278	8.245	8.315	VV	1353	34844	0.31%	0.016%
94	8.347	8.315	8.368	VV	1587	34995	0.31%	0.016%
95	8.392	8.368	8.456	VV	4660	106371	0.95%	0.048%
96	8.506	8.456	8.551	VV	950	32375	0.29%	0.015%
97	8.580	8.551	8.619	VV	2162	44970	0.40%	0.020%
98	8.638	8.619	8.660	VV	1371	24715	0.22%	0.011%
99	8.685	8.660	8.708	VV	11587	126636	1.13%	0.058%
100	8.726	8.708	8.761	VV	1789	37387	0.33%	0.017%
101	8.772	8.761	8.784	VV	748	9205	0.08%	0.004%
102	8.813	8.784	8.824	VV	1338	25007	0.22%	0.011%
103	8.833	8.824	8.857	VV	1104	17205	0.15%	0.008%
104	8.867	8.857	8.883	VV	762	10010	0.09%	0.005%
105	8.921	8.883	8.938	VV	2079	36610	0.33%	0.017%
106	8.958	8.938	8.982	VV	4608	63529	0.57%	0.029%
107	9.007	8.982	9.057	VV	3898	50802	0.45%	0.023%
108	9.096	9.057	9.112	PV	2076	25735	0.23%	0.012%
109	9.127	9.112	9.171	VV	1529	28155	0.25%	0.013%
110	9.192	9.171	9.234	VV	1307	26440	0.24%	0.012%
111	9.251	9.234	9.266	VV	752	9727	0.09%	0.004%
112	9.296	9.266	9.320	VV	1379	24367	0.22%	0.011%
113	9.335	9.320	9.354	VV	437	5838	0.05%	0.003%
114	9.380	9.354	9.405	VV	1106	20801	0.19%	0.009%
115	9.426	9.405	9.449	VV	3517	45242	0.40%	0.021%
116	9.470	9.449	9.525	VV	12389	155502	1.39%	0.071%
117	9.550	9.525	9.578	VV	1304	23793	0.21%	0.011%
118	9.620	9.578	9.663	VV	2616	49779	0.44%	0.023%
119	9.685	9.663	9.721	VV	1300	19458	0.17%	0.009%
120	9.748	9.721	9.776	VV	27841	323542	2.89%	0.147%
121	9.792	9.776	9.830	VV	4081	69522	0.62%	0.032%
122	9.844	9.830	9.853	VV	836	9499	0.08%	0.004%
123	9.894	9.853	9.940	VV	4078	109195	0.97%	0.050%
124	9.957	9.940	10.003	VV	1056	22775	0.20%	0.010%
125	10.043	10.003	10.088	VV	888	17744	0.16%	0.008%
126	10.128	10.088	10.157	PV	1175	17371	0.16%	0.008%
127	10.176	10.157	10.196	VV	631	6977	0.06%	0.003%
128	10.221	10.196	10.245	PV	2148	24345	0.22%	0.011%
129	10.264	10.245	10.280	PV	569	6198	0.06%	0.003%
130	10.302	10.280	10.336	PV	2985	46648	0.42%	0.021%
131	10.356	10.336	10.416	VV	2638	63793	0.57%	0.029%
132	10.435	10.416	10.450	VV	860	11203	0.10%	0.005%
133	10.470	10.450	10.481	VV	1630	20312	0.18%	0.009%
134	10.496	10.481	10.508	VV	2579	30583	0.27%	0.014%
135	10.526	10.508	10.553	VV	6995	91444	0.82%	0.042%
136	10.571	10.553	10.598	VV	2745	38449	0.34%	0.018%
137	10.612	10.598	10.625	VV	1293	15103	0.13%	0.007%
138	10.641	10.625	10.653	VV	2860	29744	0.27%	0.014%
139	10.677	10.653	10.721	VV	8221	130217	1.16%	0.059%
140	10.742	10.721	10.758	VV	892	14841	0.13%	0.007%
141	10.774	10.758	10.807	VV	1626	28958	0.26%	0.013%

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142	10.839	10.807	10.851	VV	11028	133585	1.19%	0.061%
143	10.876	10.851	10.927	VV	206064	2468041	22.03%	1.125%
144	10.951	10.927	10.974	VV	39895	475143	4.24%	0.217%
145	10.984	10.974	11.018	VV	4542	67743	0.60%	0.031%
146	11.040	11.018	11.081	VV	1376	30147	0.27%	0.014%
147	11.088	11.081	11.101	VV	307	2529	0.02%	0.001%
148	11.127	11.101	11.148	VV	2316	29428	0.26%	0.013%
149	11.168	11.148	11.209	VV	15265	179991	1.61%	0.082%
150	11.245	11.209	11.259	PV	688	10202	0.09%	0.005%
151	11.291	11.259	11.305	VV	1910	32750	0.29%	0.015%
152	11.340	11.305	11.367	VV	9369	137086	1.22%	0.062%
153	11.396	11.367	11.429	VV	6420	137628	1.23%	0.063%
154	11.444	11.429	11.462	VV	3015	39150	0.35%	0.018%
155	11.473	11.462	11.491	VV	1497	19827	0.18%	0.009%
156	11.514	11.491	11.539	VV	10309	129012	1.15%	0.059%
157	11.565	11.539	11.609	VV	41667	561997	5.02%	0.256%
158	11.644	11.609	11.668	VV	390105	4416444	39.42%	2.012%
159	11.680	11.668	11.694	VV	16461	173346	1.55%	0.079%
160	11.713	11.694	11.757	VV	24307	379426	3.39%	0.173%
161	11.795	11.757	11.815	VV	27316	351576	3.14%	0.160%
162	11.842	11.815	11.893	VV	18525	421476	3.76%	0.192%
163	11.938	11.893	11.962	PV	2249	42547	0.38%	0.019%
164	12.007	11.962	12.021	VV	3790	70519	0.63%	0.032%
165	12.041	12.021	12.067	VV	30857	365403	3.26%	0.166%
166	12.091	12.067	12.126	VV	7995	143352	1.28%	0.065%
167	12.150	12.126	12.196	VV	18975	260318	2.32%	0.119%
168	12.248	12.196	12.312	VV	116827	1588693	14.18%	0.724%
169	12.330	12.312	12.384	VV	2395	65100	0.58%	0.030%
170	12.400	12.384	12.415	VV	2453	30461	0.27%	0.014%
171	12.423	12.415	12.444	VV	1589	14756	0.13%	0.007%
172	12.488	12.444	12.510	VV	3867	76429	0.68%	0.035%
173	12.534	12.510	12.561	VV	14150	185101	1.65%	0.084%
174	12.580	12.561	12.601	VV	6804	90841	0.81%	0.041%
175	12.629	12.601	12.665	VV	5229	124834	1.11%	0.057%
176	12.702	12.665	12.741	VV	355144	4052462	36.18%	1.847%
177	12.765	12.741	12.810	VV	3402	72887	0.65%	0.033%
178	12.831	12.810	12.841	VV	2028	27895	0.25%	0.013%
179	12.882	12.841	12.898	VV	10930	210316	1.88%	0.096%
180	12.909	12.898	12.963	VV	7021	113672	1.01%	0.052%
181	13.000	12.963	13.027	VV	278391	3034700	27.09%	1.383%
182	13.079	13.027	13.120	VV	299285	3841470	34.29%	1.750%
183	13.174	13.120	13.215	PV	11777	267910	2.39%	0.122%
184	13.231	13.215	13.240	VV	5670	77637	0.69%	0.035%
185	13.264	13.240	13.287	VV	25417	372623	3.33%	0.170%
186	13.313	13.287	13.328	VV	14424	233689	2.09%	0.106%
187	13.342	13.328	13.361	VV	12879	184714	1.65%	0.084%
188	13.371	13.361	13.382	VV	6579	72041	0.64%	0.033%
189	13.396	13.382	13.430	VV	7982	114623	1.02%	0.052%
190	13.474	13.430	13.541	VV	34179	652865	5.83%	0.297%
191	13.587	13.541	13.621	VV	31108	475319	4.24%	0.217%
192	13.653	13.621	13.669	VV	2144	36991	0.33%	0.017%
193	13.695	13.669	13.716	VV	18318	235020	2.10%	0.107%
194	13.735	13.716	13.757	VV	14187	185401	1.66%	0.084%

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195	13.775	13.757	13.800	VV	8073	108397	0.97%	0.049%
196	13.830	13.800	13.842	VV	7554	113716	1.02%	0.052%
197	13.864	13.842	13.885	VV	11560	197920	1.77%	0.090%
198	13.905	13.885	13.942	VV	10685	157919	1.41%	0.072%
199	13.982	13.942	14.005	VV	6453	122111	1.09%	0.056%
200	14.026	14.005	14.041	VV	2515	42913	0.38%	0.020%
201	14.059	14.041	14.085	VV	3124	64385	0.57%	0.029%
202	14.115	14.085	14.135	VV	1880	39011	0.35%	0.018%
203	14.176	14.135	14.193	PV	1307	29790	0.27%	0.014%
204	14.219	14.193	14.245	VV	18803	247470	2.21%	0.113%
205	14.269	14.245	14.285	VV	6527	109390	0.98%	0.050%
206	14.294	14.285	14.301	VV	5169	49189	0.44%	0.022%
207	14.326	14.301	14.364	VV	20595	322017	2.87%	0.147%
208	14.393	14.364	14.411	VV	8969	135592	1.21%	0.062%
209	14.430	14.411	14.470	VV	7547	151036	1.35%	0.069%
210	14.501	14.470	14.543	VV	27527	568691	5.08%	0.259%
211	14.566	14.543	14.590	VV	33835	470501	4.20%	0.214%
212	14.630	14.590	14.672	VV	31386	597203	5.33%	0.272%
213	14.688	14.672	14.704	VV	3268	43465	0.39%	0.020%
214	14.751	14.704	14.764	VV	8188	153435	1.37%	0.070%
215	14.773	14.764	14.805	VV	6552	79249	0.71%	0.036%
216	14.834	14.805	14.851	PV	10158	126396	1.13%	0.058%
217	14.881	14.851	14.901	VV	130712	1639794	14.64%	0.747%
218	14.922	14.901	14.954	VV	137050	1677480	14.97%	0.764%
219	14.980	14.954	15.004	VV	13297	206194	1.84%	0.094%
220	15.042	15.004	15.093	VV	36809	544503	4.86%	0.248%
221	15.124	15.093	15.148	VV	9689	156380	1.40%	0.071%
222	15.185	15.148	15.204	VV	13807	207351	1.85%	0.094%
223	15.220	15.204	15.245	VV	9284	153687	1.37%	0.070%
224	15.260	15.245	15.282	VV	5597	93383	0.83%	0.043%
225	15.314	15.282	15.352	VV	102756	1523135	13.60%	0.694%
226	15.363	15.352	15.393	VV	6066	103038	0.92%	0.047%
227	15.416	15.393	15.431	VV	4551	78910	0.70%	0.036%
228	15.455	15.431	15.488	VV	15466	292220	2.61%	0.133%
229	15.511	15.488	15.524	VV	13474	203513	1.82%	0.093%
230	15.547	15.524	15.573	VV	20093	399607	3.57%	0.182%
231	15.590	15.573	15.612	VV	10122	135288	1.21%	0.062%
232	15.638	15.612	15.655	VV	7594	121019	1.08%	0.055%
233	15.697	15.655	15.764	VV	14845	584285	5.22%	0.266%
234	15.791	15.764	15.809	VV	7895	137663	1.23%	0.063%
235	15.830	15.809	15.855	VV	11481	175642	1.57%	0.080%
236	15.877	15.855	15.897	VV	7359	109126	0.97%	0.050%
237	15.919	15.897	15.940	VV	11820	168815	1.51%	0.077%
238	15.958	15.940	15.972	VV	9851	133183	1.19%	0.061%
239	15.984	15.972	16.001	VV	6924	92081	0.82%	0.042%
240	16.022	16.001	16.074	VV	15752	247391	2.21%	0.113%
241	16.084	16.074	16.102	VV	1259	10596	0.09%	0.005%
242	16.174	16.102	16.206	PV	7779	206919	1.85%	0.094%
243	16.229	16.206	16.247	VV	7821	122364	1.09%	0.056%
244	16.285	16.247	16.297	VV	7062	159280	1.42%	0.073%
245	16.328	16.297	16.366	VV	149275	2225292	19.86%	1.014%
246	16.378	16.366	16.397	VV	13374	196209	1.75%	0.089%

					rteres			
247	16.443	16.397	16.495	VV	205218	3702962	33.06%	1.687%
248	16.516	16.495	16.546	VV	13292	258082	2.30%	0.118%
249	16.573	16.546	16.595	VV	24525	360779	3.22%	0.164%
250	16.607	16.595	16.643	VV	7507	158825	1.42%	0.072%
251	16.663	16.643	16.675	VV	7311	112382	1.00%	0.051%
252	16.693	16.675	16.708	VV	10393	160491	1.43%	0.073%
253	16.766	16.708	16.790	VV	88434	1541182	13.76%	0.702%
254	16.824	16.790	16.857	VV	116750	1749984	15.62%	0.797%
255	16.874	16.857	16.887	VV	16639	240960	2.15%	0.110%
256	16.923	16.887	16.947	VV	39276	863092	7.70%	0.393%
257	16.987	16.947	17.015	VV	55563	1054816	9.42%	0.481%
258	17.032	17.015	17.046	VV	10408	173671	1.55%	0.079%
259	17.065	17.046	17.104	VV	11261	314951	2.81%	0.144%
260	17.186	17.104	17.218	VV	17824	759981	6.78%	0.346%
261	17.273	17.218	17.307	VV	123695	2222743	19.84%	1.013%
262	17.365	17.307	17.394	VV	432787	6497354	58.00%	2.961%
263	17.407	17.394	17.424	VV	19241	300821	2.69%	0.137%
264	17.445	17.424	17.466	VV	25956	473357	4.23%	0.216%
265	17.484	17.466	17.508	VV	18704	372390	3.32%	0.170%
266	17.533	17.508	17.558	VV	19748	424842	3.79%	0.194%
267	17.598	17.558	17.612	VV	11925	365760	3.27%	0.167%
268	17.634	17.612	17.648	VV	13928	260529	2.33%	0.119%
269	17.661	17.648	17.682	VV	12860	247399	2.21%	0.113%
270	17.722	17.682	17.748	VV	27008	704605	6.29%	0.321%
271	17.800	17.748	17.844	VV	48543	1597825	14.26%	0.728%
272	17.891	17.844	17.948	VV	149944	3122415	27.87%	1.423%
273	17.974	17.948	17.988	VV	28157	607066	5.42%	0.277%
274	18.035	17.988	18.075	VV	56236	1700881	15.18%	0.775%
275	18.109	18.075	18.127	VV	48442	1155227	10.31%	0.526%
276	18.158	18.127	18.177	VV	155242	2809424	25.08%	1.280%
277	18.226	18.177	18.272	VV	414458	9245839	82.53%	4.213%
278	18.288	18.272	18.301	VV	32553	534866	4.77%	0.244%
279	18.323	18.301	18.346	VV	65638	1317922	11.76%	0.601%
280	18.361	18.346	18.424	VV	46063	1536653	13.72%	0.700%
281	18.456	18.424	18.487	VV	94935	1936569	17.29%	0.882%
282	18.511	18.487	18.528	VV	40089	916850	8.18%	0.418%
283	18.537	18.528	18.558	VV	39976	677537	6.05%	0.309%
284	18.582	18.558	18.604	VV	63628	1380878	12.33%	0.629%
285	18.631	18.604	18.697	VV	60356	2325142	20.76%	1.059%
286	18.738	18.697	18.821	VV	216621	5330368	47.58%	2.429%
287	18.849	18.821	18.875	VV	41421	1188503	10.61%	0.542%
288	18.995	18.875	19.024	VV	426825	11202347	100.00%	5.104%
289	19.036	19.024	19.088	VV	138076	3857397	34.43%	1.758%
290	19.121	19.088	19.150	VV	81398	2581689	23.05%	1.176%
291	19.175	19.150	19.204	VV	149054	3000289	26.78%	1.367%
292	19.235	19.204	19.257	VV	233406	4206973	37.55%	1.917%
293	19.278	19.257	19.315	VV	158910	3481801	31.08%	1.587%
294	19.334	19.315	19.359	VV	73126	1652355	14.75%	0.753%
295	19.387	19.359	19.431	VV	111224	3032763	27.07%	1.382%
296	19.450	19.431	19.465	VV	69562	1286322	11.48%	0.586%
297	19.493	19.465	19.512	VV	165138	3123737	27.88%	1.423%
298	19.528	19.512	19.559	VV	131473	2631264	23.49%	1.199%
299	19.616	19.559	19.663	VV	71749	3865056	34.50%	1.761%

rteres								
300	19.704	19.663	19.732	VV	83371	2985726	26.65%	1.360%
301	19.769	19.732	19.805	VV	170923	4926983	43.98%	2.245%
302	19.821	19.805	19.851	VV	90850	2094924	18.70%	0.955%
303	19.867	19.851	19.890	VV	61252	1401690	12.51%	0.639%
304	19.902	19.890	19.912	VV	60885	774367	6.91%	0.353%
305	19.940	19.912	19.961	VV	67849	1864122	16.64%	0.849%
306	19.992	19.961	20.018	VV	84566	2613042	23.33%	1.191%
307	20.063	20.018	20.078	VV	70955	2453369	21.90%	1.118%
308	20.098	20.078	20.122	VV	79304	1833456	16.37%	0.835%
309	20.141	20.122	20.174	VV	68533	2013014	17.97%	0.917%
310	20.199	20.174	20.240	VV	68829	2321929	20.73%	1.058%
311	20.276	20.240	20.295	VV	60553	1829031	16.33%	0.833%
312	20.305	20.295	20.346	VV	55687	1669192	14.90%	0.761%
313	20.390	20.346	20.450	VV	80854	3779337	33.74%	1.722%
314	20.490	20.450	20.551	VV	236575	6594583	58.87%	3.005%
315	20.560	20.551	20.642	VV	58591	2716769	24.25%	1.238%
316	20.651	20.642	20.673	VV	44332	810785	7.24%	0.369%
317	20.706	20.673	20.834	VV	52798	4544263	40.57%	2.071%
318	20.857	20.834	20.878	VV	40017	1027426	9.17%	0.468%
319	20.913	20.878	20.958	VV	40804	1845622	16.48%	0.841%
320	20.982	20.958	21.035	VV	44927	1737019	15.51%	0.791%
321	21.046	21.035	21.107	VV	33892	1319464	11.78%	0.601%
322	21.137	21.107	21.177	VV	30543	1178277	10.52%	0.537%
323	21.207	21.177	21.226	VV	29874	821464	7.33%	0.374%
324	21.249	21.226	21.295	VV	28495	1082442	9.66%	0.493%
325	21.339	21.295	21.371	VV	25291	1092345	9.75%	0.498%
326	21.437	21.371	21.544	VV	30836	2503749	22.35%	1.141%
327	21.563	21.544	21.574	VV	19024	326820	2.92%	0.149%
328	21.609	21.574	21.631	VV	24161	727763	6.50%	0.332%
329	21.643	21.631	21.674	VV	22426	555791	4.96%	0.253%
330	21.685	21.674	21.720	VV	21731	566926	5.06%	0.258%
331	21.748	21.720	21.790	VV	21765	773992	6.91%	0.353%
332	21.833	21.790	21.871	VV	22801	881606	7.87%	0.402%
333	21.879	21.871	21.911	VV	18390	401965	3.59%	0.183%
334	21.945	21.911	21.954	VV	17379	425903	3.80%	0.194%
335	21.976	21.954	21.991	VV	17859	381606	3.41%	0.174%
336	21.996	21.991	22.004	VV	17640	132215	1.18%	0.060%
337	22.069	22.004	22.357	VV	28555	2686948	23.99%	1.224%
338	22.370	22.357	22.397	VV	1409	18103	0.16%	0.008%
Sum of corrected areas:						219463403		

Aliphatic EPH 100725.M Mon Oct 27 07:51:37 2025



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC100725AL

AreaCount

Parameter Range	FC069937.D	FC069938.D	FC069939.D	FC069940.D	FC069941.D	
Aliphatic C9-C12	43171011.000	21250743.000	8161064.000	4428028.000	2320985.000	
Aliphatic C12-C16	33016544.000	16243273.000	6102029.000	3325280.000	1725815.000	
Aliphatic C16-C21	48108317.000	24065038.000	8973438.000	4960785.000	2610241.000	
Aliphatic C21-C28	55364172.000	28241357.000	10328099.000	6018987.000	3530371.000	
Aliphatic C28-C40	59763237.000	30083253.000	11204955.000	6723680.000	3980409.000	
Aliphatic EPH	239423281.000	119883664.000	44769585.000	25456760.000	14167821.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	144785.1979998	4.813				
Aliphatic C12-C16	163782.335	4.458				
Aliphatic C16-C21	161945.5019996	5.485				
Aliphatic C21-C28	147142.3355	12.304				
Aliphatic C28-C40	107599.8326666	14.464				
Aliphatic EPH	137884.7282218	9.049				

Concentration

Parameter Range	FC069937.D	FC069938.D	FC069939.D	FC069940.D	FC069941.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	FC069937.D	FC069938.D	FC069939.D	FC069940.D	FC069941.D	
Aliphatic C9-C12	143903.370000	141671.620000	136017.733333	147600.933333	154732.333333	
Aliphatic C12-C16	165082.720000	162432.730000	152550.725000	166264.000000	172581.500000	
Aliphatic C16-C21	160361.056666	160433.586666	149557.300000	165359.500000	174016.066666	

Initial Calibration Report for SequenceID : FC100725AL

Aliphatic C21-C28	138410.430000	141206.785000	129101.237500	150474.675000	176518.550000	
Aliphatic C28-C40	99605.395000	100277.510000	93374.625000	112061.333333	132680.300000	
Aliphatic EPH	133012.933888	133204.071111	124359.958333	141426.444444	157420.233333	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
 Data File : FC069937.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2025 16:17
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 07 09:27:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:26:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.657	17428523	107.789 ug/ml
Spiked Amount 50.000		Recovery =	215.58%
12) S 1-chlorooctadecane (S...	13.088	13491128	107.925 ug/ml
Spiked Amount 50.000		Recovery =	215.85%
Target Compounds			
1) T n-Nonane (C9)	3.388	13511792	104.492 ug/ml
2) T n-Decane (C10)	4.461	14269174	105.512 ug/ml
3) T A~Naphthalene (C11.7)	6.056	16109041	106.057 ug/ml
4) T n-Dodecane (C12)	6.485	15390045	107.242 ug/ml
5) T A~2-methylnaphthalene...	7.116	16083838	107.576 ug/ml
6) T n-Tetradecane (C14)	8.283	16089121	108.439 ug/ml
7) T n-Hexadecane (C16)	9.887	16927423	108.003 ug/ml
8) T n-Octadecane (C18)	11.334	16924222	107.107 ug/ml
10) T n-Eicosane (C20)	12.643	15851454	107.240 ug/ml
11) T n-Heneicosane (C21)	13.256	15332641	107.336 ug/ml
13) T n-Docosane (C22)	13.843	14972967	107.364 ug/ml
14) T n-Tetracosane (C24)	14.946	14292557	107.227 ug/ml
15) T n-Hexacosane (C26)	15.967	13453877	107.130 ug/ml
16) T n-Octacosane (C28)	16.919	12644771	107.096 ug/ml
17) T n-Tricontane (C30)	17.806	12335576	107.079 ug/ml
18) T n-Dotriacontane (C32)	18.639	11541380	106.981 ug/ml
19) T n-Tetratriacontane (C34)	19.422	10438103	106.669 ug/ml
20) T n-Hexatriacontane (C36)	20.162	9085745	105.941 ug/ml
21) T n-Octatriacontane (C38)	20.920	8347689	106.483 ug/ml
22) T n-Tetracontane (C40)	21.873	8014744	106.647 ug/ml

(f)=RT Delta > 1/2 Window

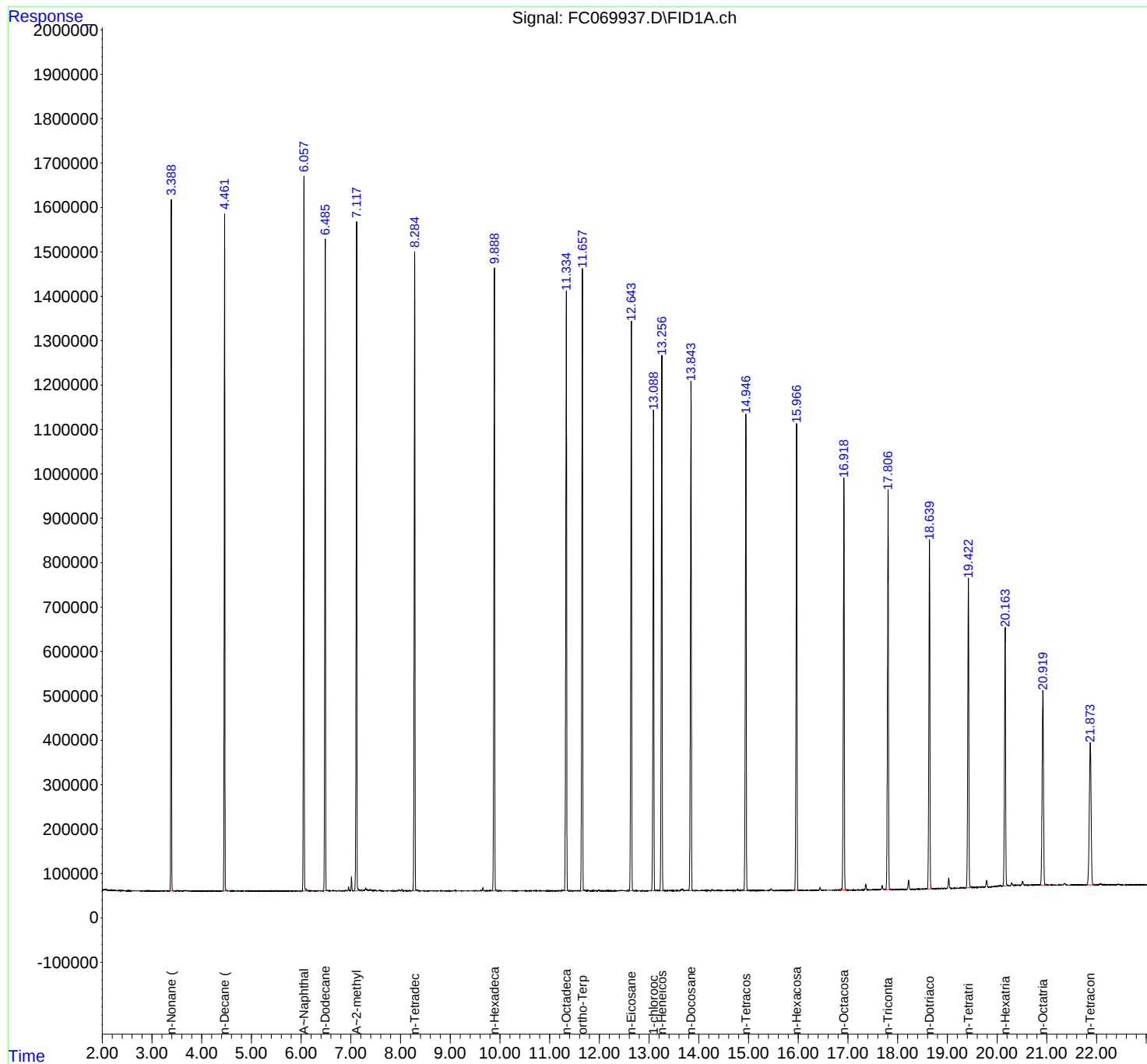
(m)=manual int.

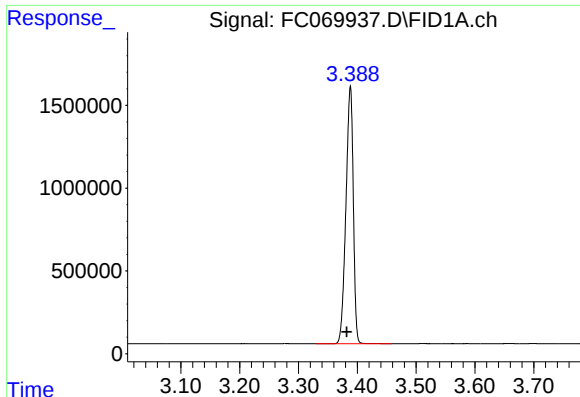
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
Data File : FC069937.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2025 16:17
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 07 09:27:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:26:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

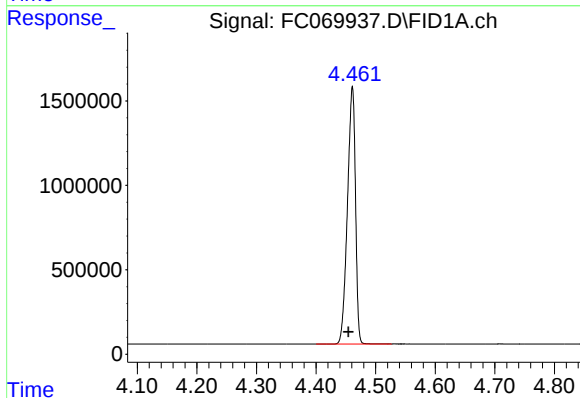




#1 n-Nonane (C9)

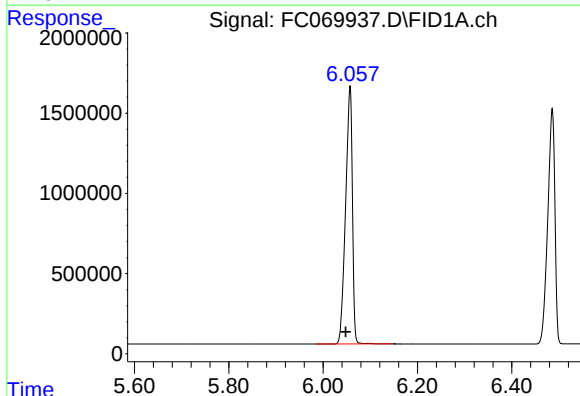
R.T.: 3.388 min
Delta R.T.: 0.006 min
Response: 13511792
Conc: 104.49 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



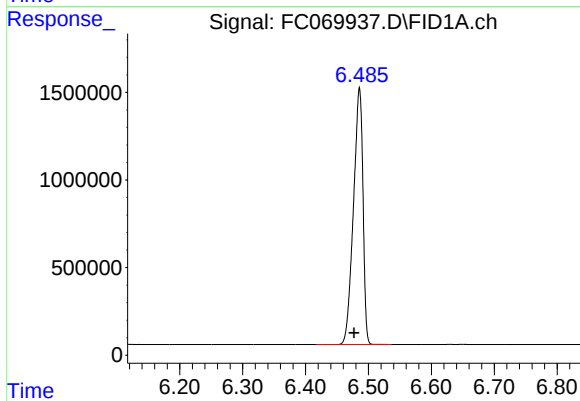
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: 0.006 min
Response: 14269174
Conc: 105.51 ug/ml



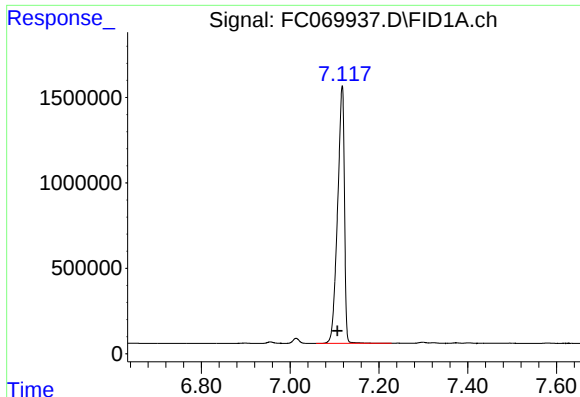
#3 A~Naphthalene (C11.7)

R.T.: 6.056 min
Delta R.T.: 0.008 min
Response: 16109041
Conc: 106.06 ug/ml



#4 n-Dodecane (C12)

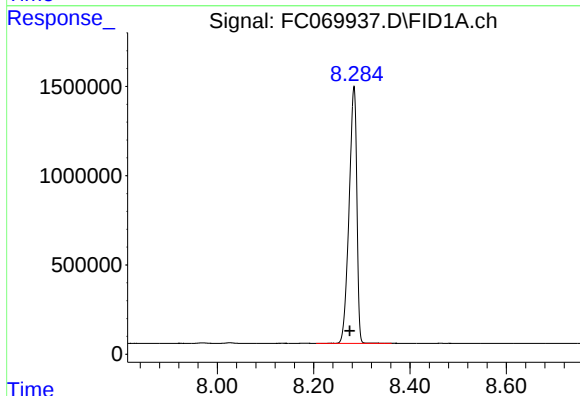
R.T.: 6.485 min
Delta R.T.: 0.008 min
Response: 15390045
Conc: 107.24 ug/ml



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

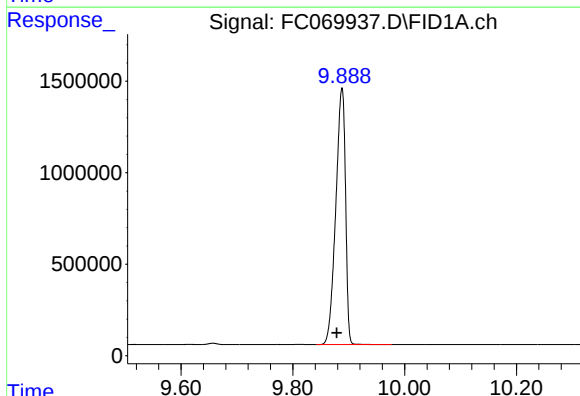
R.T.: 7.116 min
Delta R.T.: 0.010 min
Response: 16083838
Conc: 107.58 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



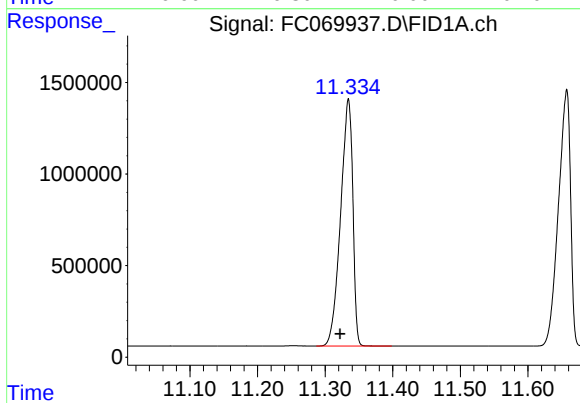
#6 n-Tetradecane (C14)

R.T.: 8.283 min
Delta R.T.: 0.008 min
Response: 16089121
Conc: 108.44 ug/ml



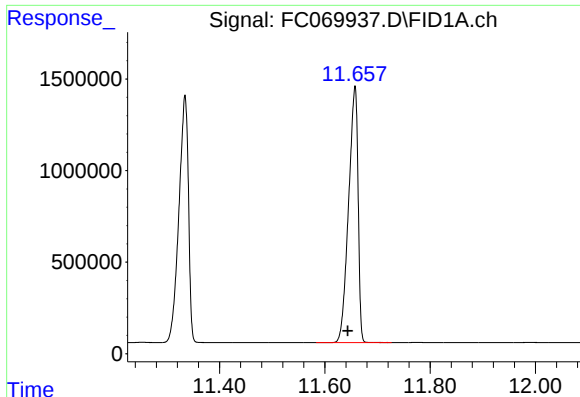
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: 0.009 min
Response: 16927423
Conc: 108.00 ug/ml



#8 n-Octadecane (C18)

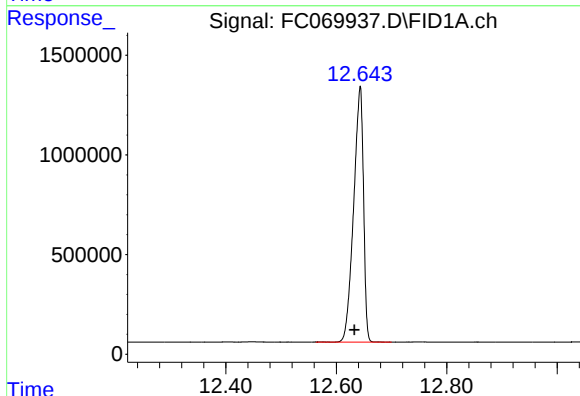
R.T.: 11.334 min
Delta R.T.: 0.012 min
Response: 16924222
Conc: 107.11 ug/ml



#9 ortho-Terphenyl (SURR)

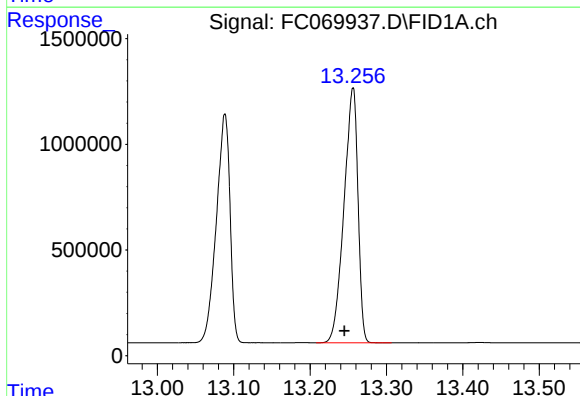
R.T.: 11.657 min
Delta R.T.: 0.013 min
Response: 17428523
Conc: 107.79 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



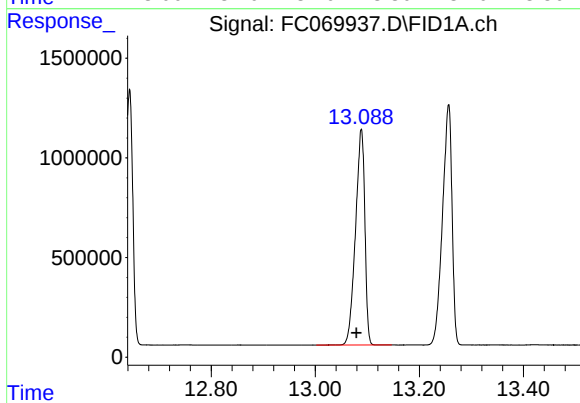
#10 n-Eicosane (C20)

R.T.: 12.643 min
Delta R.T.: 0.010 min
Response: 15851454
Conc: 107.24 ug/ml



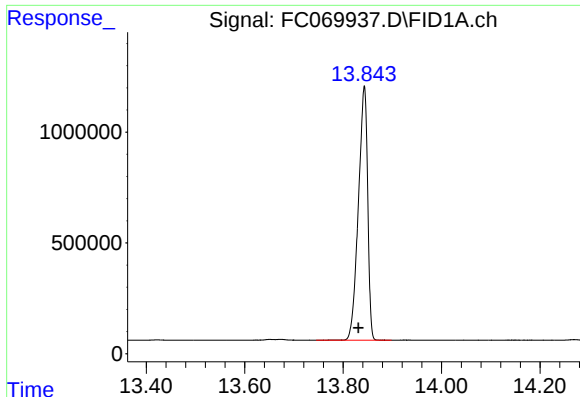
#11 n-Heneicosane (C21)

R.T.: 13.256 min
Delta R.T.: 0.011 min
Response: 15332641
Conc: 107.34 ug/ml



#12 1-chlorooctadecane (SURR)

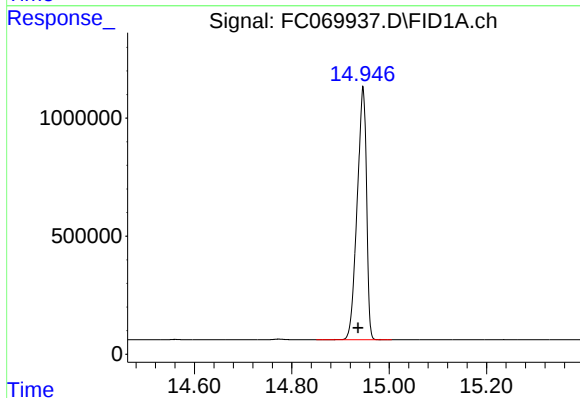
R.T.: 13.088 min
Delta R.T.: 0.009 min
Response: 13491128
Conc: 107.92 ug/ml



#13 n-Docosane (C22)

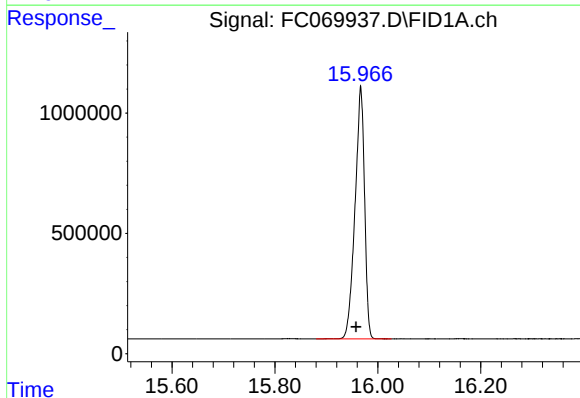
R.T.: 13.843 min
Delta R.T.: 0.012 min
Response: 14972967
Conc: 107.36 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



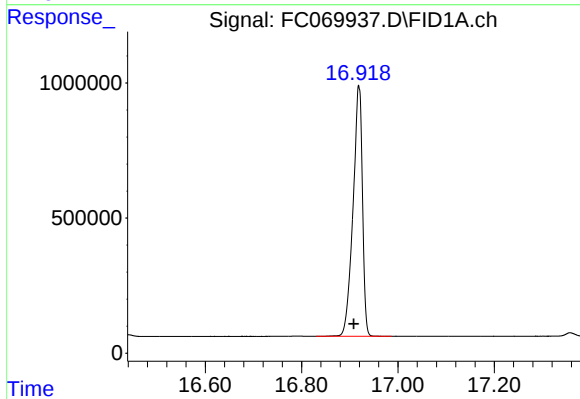
#14 n-Tetracosane (C24)

R.T.: 14.946 min
Delta R.T.: 0.010 min
Response: 14292557
Conc: 107.23 ug/ml



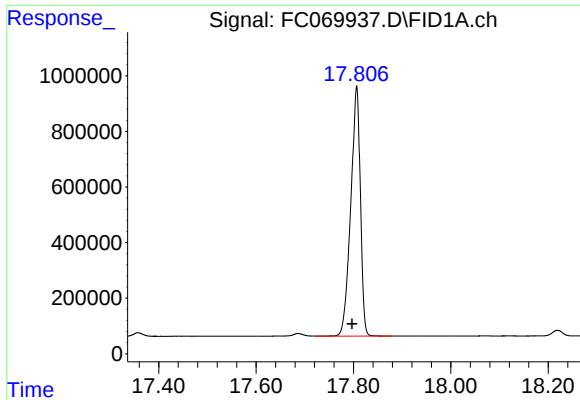
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: 0.009 min
Response: 13453877
Conc: 107.13 ug/ml



#16 n-Octacosane (C28)

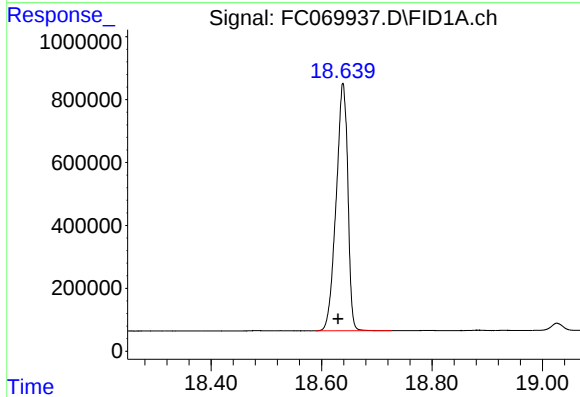
R.T.: 16.919 min
Delta R.T.: 0.011 min
Response: 12644771
Conc: 107.10 ug/ml



#17 n-Tricontane (C30)

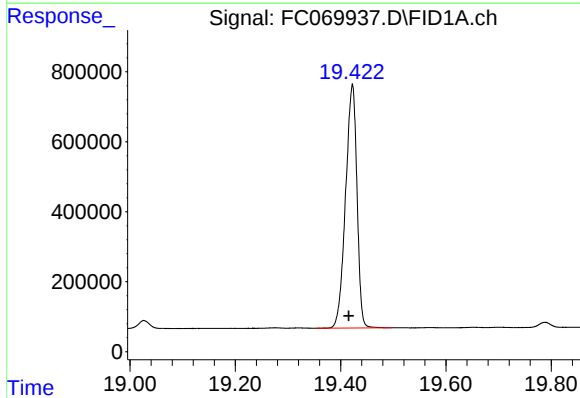
R.T.: 17.806 min
Delta R.T.: 0.009 min
Response: 12335576
Conc: 107.08 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



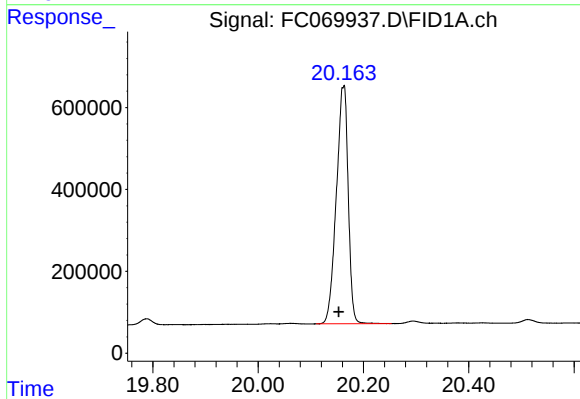
#18 n-Dotriacontane (C32)

R.T.: 18.639 min
Delta R.T.: 0.009 min
Response: 11541380
Conc: 106.98 ug/ml



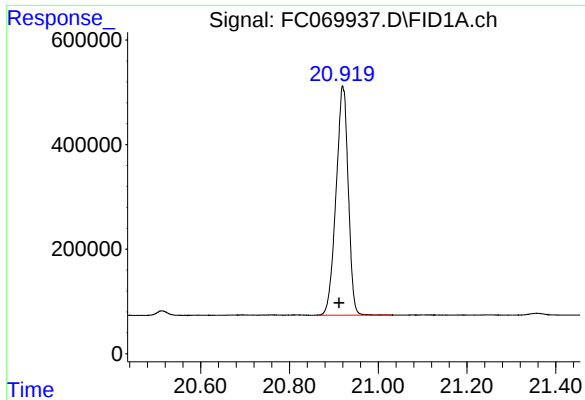
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min
Delta R.T.: 0.007 min
Response: 10438103
Conc: 106.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.162 min
Delta R.T.: 0.008 min
Response: 9085745
Conc: 105.94 ug/ml



#21 n-Octatriacontane (C38)

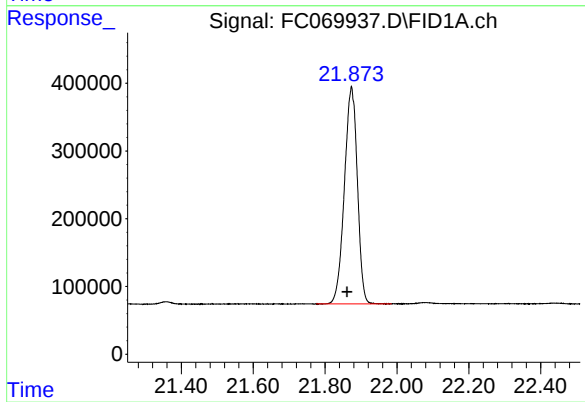
R.T.: 20.920 min
Delta R.T.: 0.009 min
Response: 8347689
Conc: 106.48 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: 0.012 min
Response: 8014744
Conc: 106.65 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
 Data File : FC069937.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2025 16:17
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.388	3.330	3.458	BB	1566610	13511792	77.53%	4.466%
2	4.461	4.400	4.527	BB	1518640	14269174	81.87%	4.717%
3	6.056	5.985	6.145	BB	1611621	16109041	92.43%	5.325%
4	6.485	6.417	6.537	BB	1464377	15390045	88.30%	5.087%
5	7.116	7.058	7.228	BV	1506266	16083838	92.28%	5.316%
6	8.283	8.205	8.362	BB	1437784	16089121	92.31%	5.318%
7	9.887	9.842	9.977	PB	1398162	16927423	97.12%	5.595%
8	11.334	11.287	11.398	BB	1347994	16924222	97.11%	5.594%
9	11.657	11.583	11.727	BB	1396107	17428523	100.00%	5.761%
10	12.643	12.563	12.700	BB	1292543	15851454	90.95%	5.240%
11	13.088	13.002	13.147	BB	1084327	13491128	77.41%	4.459%
12	13.256	13.208	13.307	PB	1204698	15332641	87.97%	5.068%
13	13.843	13.745	13.898	BB	1152336	14972967	85.91%	4.949%
14	14.946	14.850	15.005	BB	1071747	14292557	82.01%	4.724%
15	15.967	15.880	16.027	BB	1049540	13453877	77.19%	4.447%
16	16.919	16.830	16.987	BB	929151	12644771	72.55%	4.180%
17	17.806	17.723	17.878	VB	901911	12335576	70.78%	4.077%
18	18.639	18.590	18.727	BB	786911	11541380	66.22%	3.815%
19	19.422	19.353	19.497	BB	695978	10438103	59.89%	3.450%
20	20.162	20.110	20.253	BV	577405	9085745	52.13%	3.003%
21	20.920	20.860	21.030	BB	437337	8347689	47.90%	2.759%
22	21.873	21.775	21.985	BB	321349	8014744	45.99%	2.649%
Sum of corrected areas:						302535810		

Aliphatic EPH 100725.M Tue Oct 07 09:55:43 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
 Data File : FC069938.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2025 17:03
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 07 09:27:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:26:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.649	8639976	53.435 ug/ml
Spiked Amount 50.000		Recovery =	106.87%
12) S 1-chlorooctadecane (S...	13.083	6744188	53.951 ug/ml
Spiked Amount 50.000		Recovery =	107.90%
Target Compounds			
1) T n-Nonane (C9)	3.384	6696096	51.784 ug/ml
2) T n-Decane (C10)	4.457	7033350	52.008 ug/ml
3) T A~Naphthalene (C11.7)	6.051	7918701	52.135 ug/ml
4) T n-Dodecane (C12)	6.480	7521297	52.411 ug/ml
5) T A~2-methylnaphthalene...	7.110	7871197	52.646 ug/ml
6) T n-Tetradecane (C14)	8.278	7874446	53.073 ug/ml
7) T n-Hexadecane (C16)	9.882	8368827	53.396 ug/ml
8) T n-Octadecane (C18)	11.327	8439359	53.410 ug/ml
10) T n-Eicosane (C20)	12.637	7941237	53.725 ug/ml
11) T n-Heneicosane (C21)	13.250	7684442	53.795 ug/ml
13) T n-Docosane (C22)	13.836	7552504	54.156 ug/ml
14) T n-Tetracosane (C24)	14.941	7307291	54.822 ug/ml
15) T n-Hexacosane (C26)	15.962	6889242	54.857 ug/ml
16) T n-Octacosane (C28)	16.912	6492320	54.987 ug/ml
17) T n-Tricontane (C30)	17.800	6323170	54.888 ug/ml
18) T n-Dotriacontane (C32)	18.634	5890021	54.597 ug/ml
19) T n-Tetratriacontane (C34)	19.418	5271042	53.866 ug/ml
20) T n-Hexatriacontane (C36)	20.157	4546558	53.013 ug/ml
21) T n-Octatriacontane (C38)	20.915	4117294	52.520 ug/ml
22) T n-Tetracontane (C40)	21.868	3935168	52.363 ug/ml

(f)=RT Delta > 1/2 Window

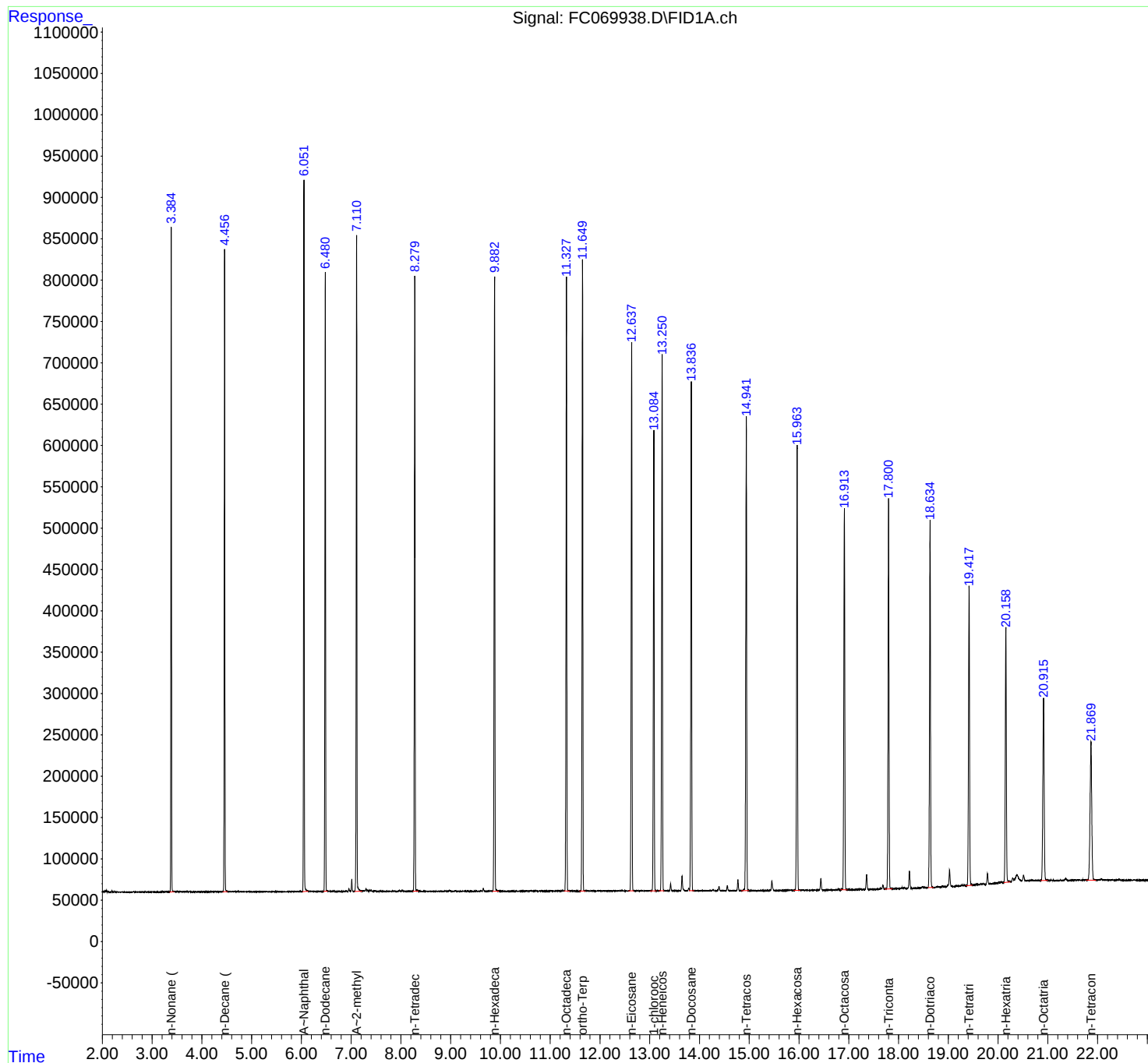
(m)=manual int.

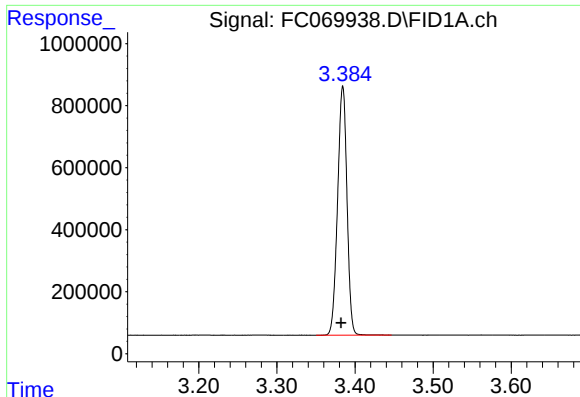
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
Data File : FC069938.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2025 17:03
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 07 09:27:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:26:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

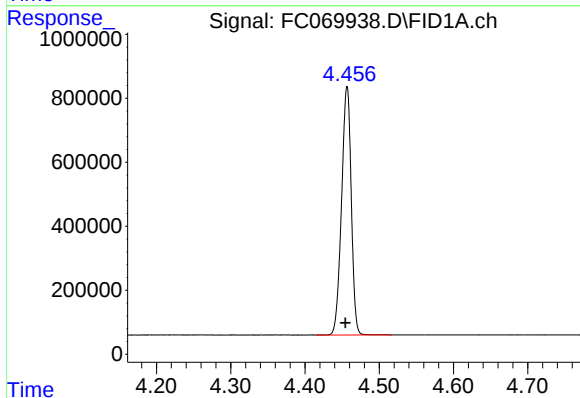




#1 n-Nonane (C9)

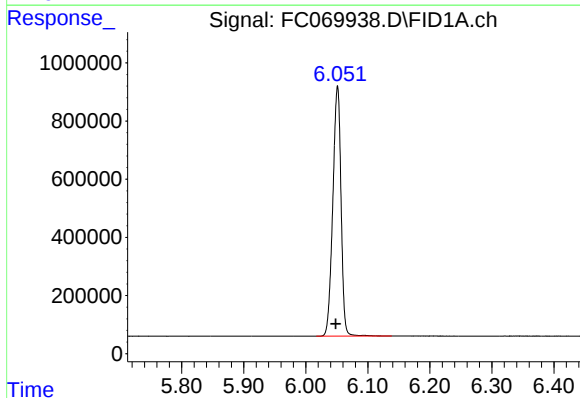
R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 6696096
Conc: 51.78 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



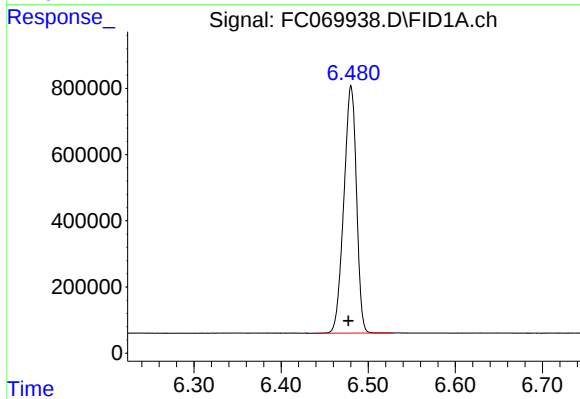
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: 0.002 min
Response: 7033350
Conc: 52.01 ug/ml



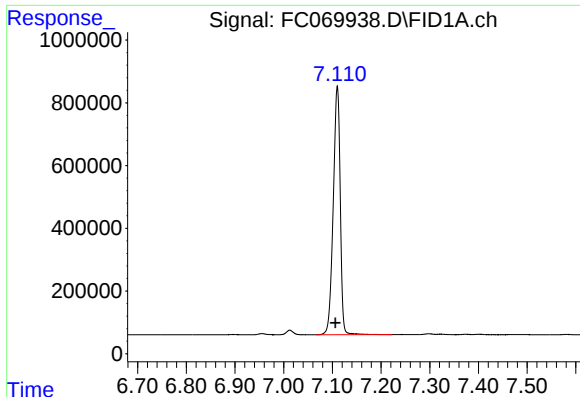
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: 0.003 min
Response: 7918701
Conc: 52.13 ug/ml



#4 n-Dodecane (C12)

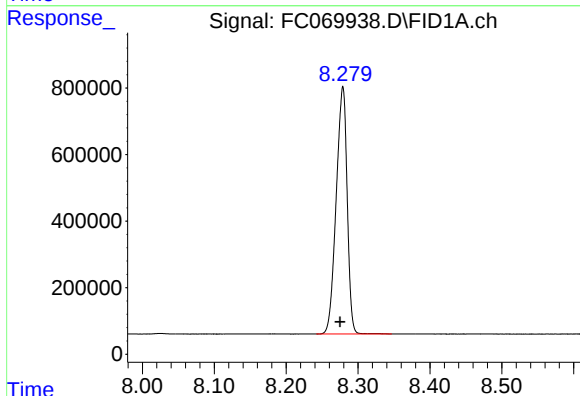
R.T.: 6.480 min
Delta R.T.: 0.003 min
Response: 7521297
Conc: 52.41 ug/ml



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

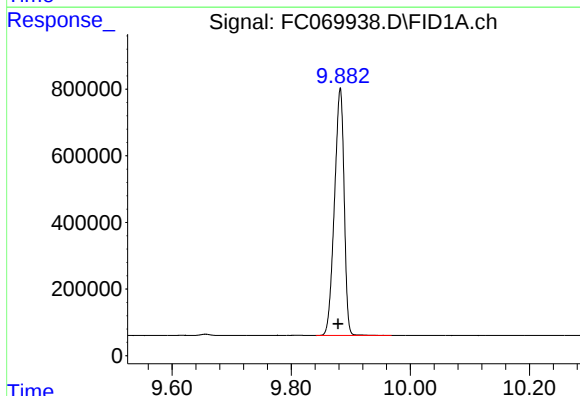
R.T.: 7.110 min
Delta R.T.: 0.004 min
Response: 7871197
Conc: 52.65 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



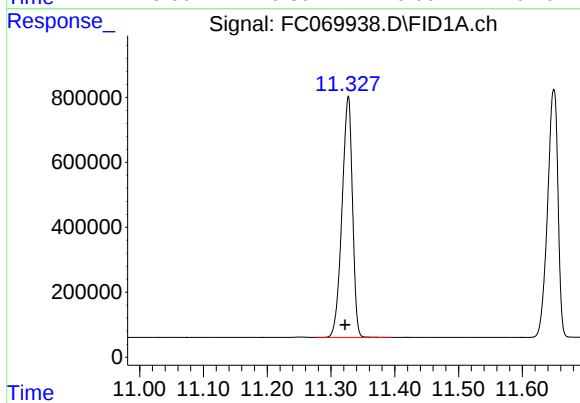
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: 0.004 min
Response: 7874446
Conc: 53.07 ug/ml



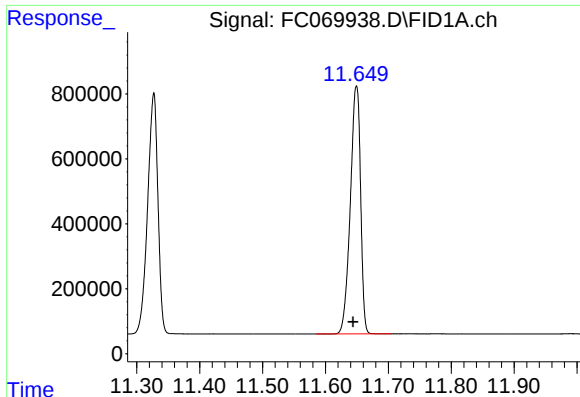
#7 n-Hexadecane (C16)

R.T.: 9.882 min
Delta R.T.: 0.004 min
Response: 8368827
Conc: 53.40 ug/ml



#8 n-Octadecane (C18)

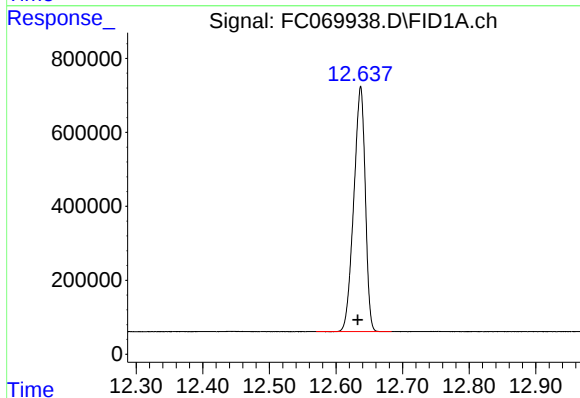
R.T.: 11.327 min
Delta R.T.: 0.005 min
Response: 8439359
Conc: 53.41 ug/ml



#9 ortho-Terphenyl (SURR)

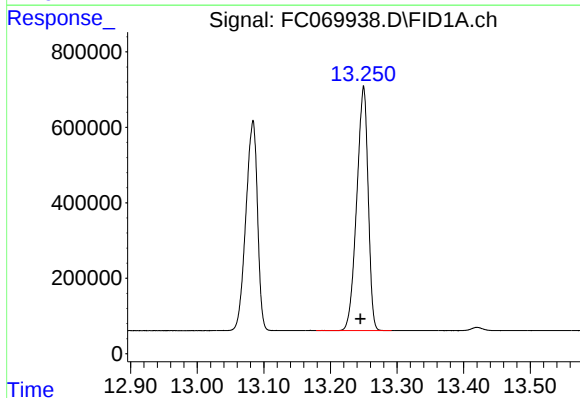
R.T.: 11.649 min
Delta R.T.: 0.005 min
Response: 8639976
Conc: 53.43 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



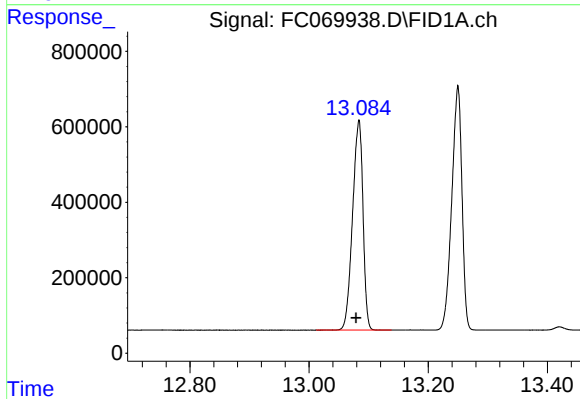
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: 0.004 min
Response: 7941237
Conc: 53.72 ug/ml



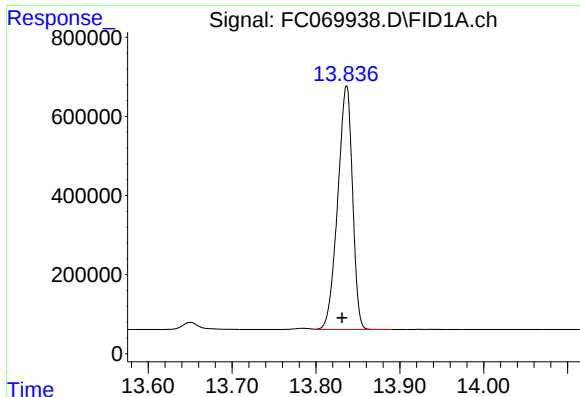
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: 0.004 min
Response: 7684442
Conc: 53.80 ug/ml



#12 1-chlorooctadecane (SURR)

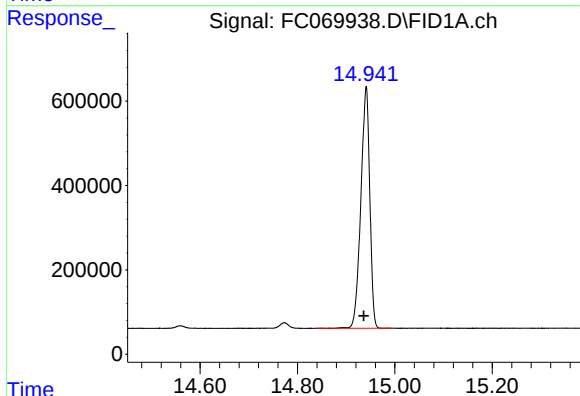
R.T.: 13.083 min
Delta R.T.: 0.004 min
Response: 6744188
Conc: 53.95 ug/ml



#13 n-Docosane (C22)

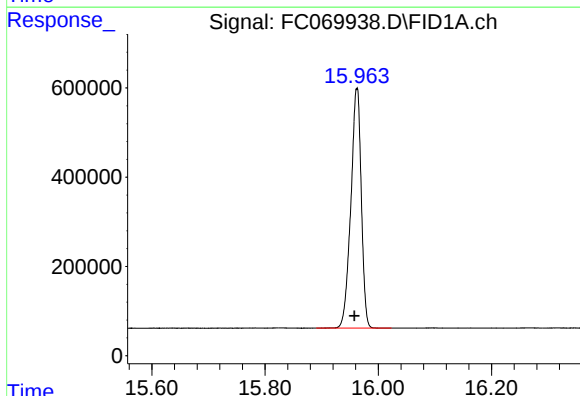
R.T.: 13.836 min
Delta R.T.: 0.005 min
Response: 7552504
Conc: 54.16 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



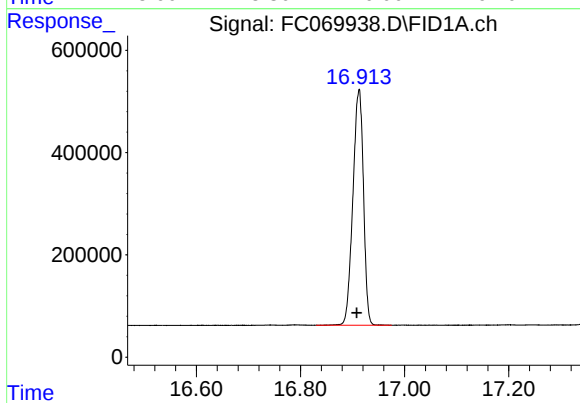
#14 n-Tetracosane (C24)

R.T.: 14.941 min
Delta R.T.: 0.005 min
Response: 7307291
Conc: 54.82 ug/ml



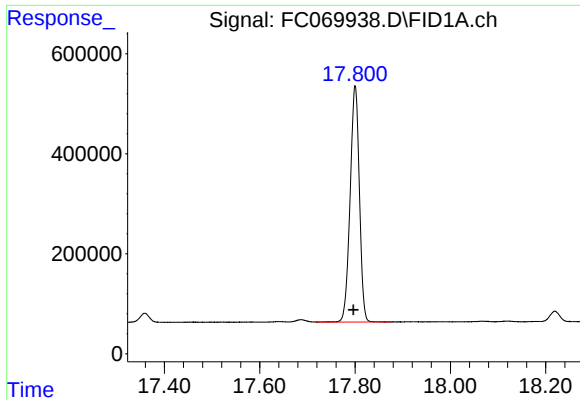
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: 0.004 min
Response: 6889242
Conc: 54.86 ug/ml



#16 n-Octacosane (C28)

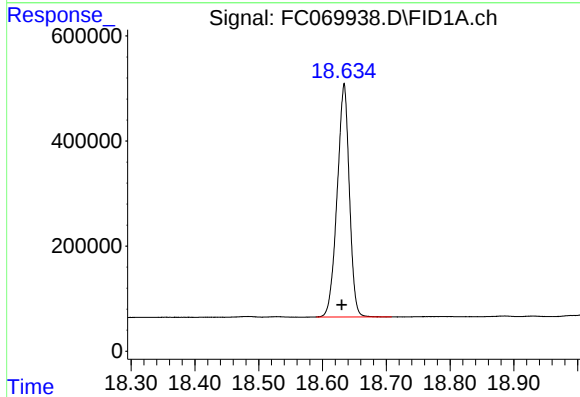
R.T.: 16.912 min
Delta R.T.: 0.004 min
Response: 6492320
Conc: 54.99 ug/ml



#17 n-Tricontane (C30)

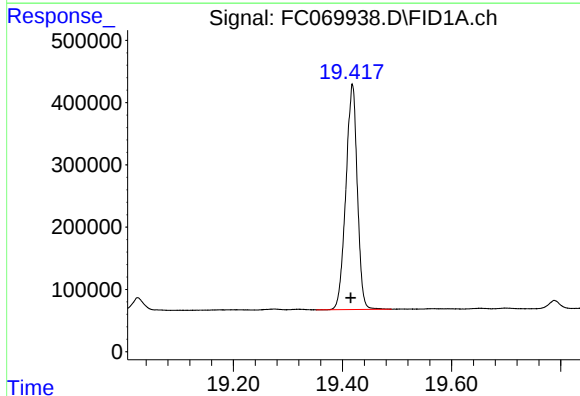
R.T.: 17.800 min
Delta R.T.: 0.003 min
Response: 6323170
Conc: 54.89 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



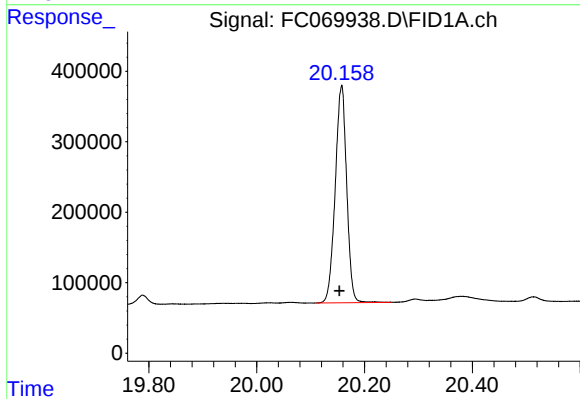
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: 0.004 min
Response: 5890021
Conc: 54.60 ug/ml



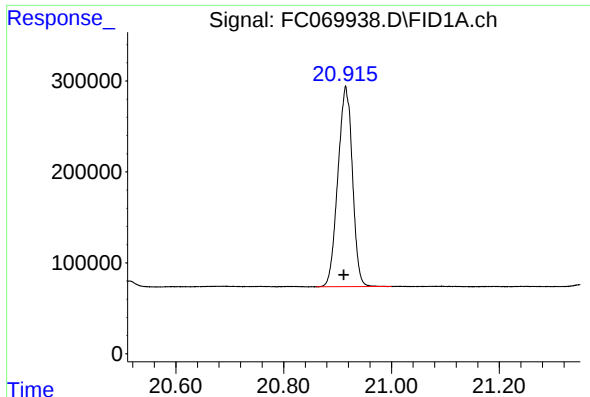
#19 n-Tetratriacontane (C34)

R.T.: 19.418 min
Delta R.T.: 0.003 min
Response: 5271042
Conc: 53.87 ug/ml



#20 n-Hexatriacontane (C36)

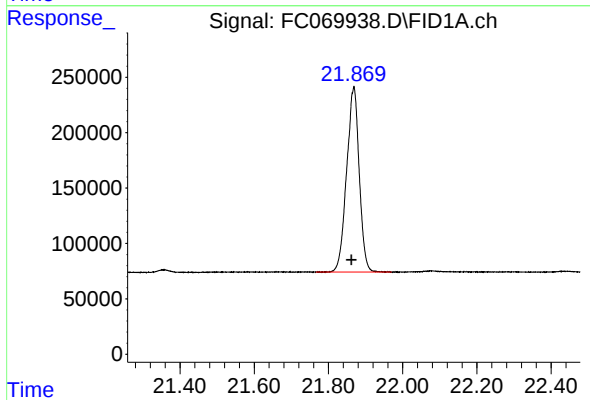
R.T.: 20.157 min
Delta R.T.: 0.004 min
Response: 4546558
Conc: 53.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.915 min
Delta R.T.: 0.004 min
Response: 4117294
Conc: 52.52 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: 0.006 min
Response: 3935168
Conc: 52.36 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
Data File : FC069938.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2025 17:03
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.384	3.350	3.447	BB	801570	6696096	77.50%	4.433%
2	4.457	4.415	4.517	BB	779306	7033350	81.40%	4.656%
3	6.051	6.017	6.138	BB	866132	7918701	91.65%	5.242%
4	6.480	6.440	6.527	BB	748366	7521297	87.05%	4.979%
5	7.110	7.067	7.222	BV	794441	7871197	91.10%	5.211%
6	8.279	8.242	8.347	BB	744209	7874446	91.14%	5.213%
7	9.882	9.842	9.968	BB	741300	8368827	96.86%	5.540%
8	11.327	11.277	11.395	BB	742837	8439359	97.68%	5.587%
9	11.649	11.585	11.705	BB	764057	8639976	100.00%	5.720%
10	12.637	12.570	12.683	BB	664039	7941237	91.91%	5.257%
11	13.083	13.012	13.138	BB	556995	6744188	78.06%	4.465%
12	13.250	13.178	13.292	BB	650441	7684442	88.94%	5.087%
13	13.836	13.800	13.890	VB	618103	7552504	87.41%	5.000%
14	14.941	14.838	14.993	BB	570910	7307291	84.58%	4.837%
15	15.962	15.890	16.023	BB	537205	6889242	79.74%	4.561%
16	16.912	16.830	16.975	BB	458574	6492320	75.14%	4.298%
17	17.800	17.718	17.877	PB	472780	6323170	73.19%	4.186%
18	18.634	18.590	18.708	BB	443374	5890021	68.17%	3.899%
19	19.418	19.352	19.490	BB	361847	5271042	61.01%	3.489%
20	20.157	20.110	20.250	BB	306826	4546558	52.62%	3.010%
21	20.915	20.860	21.000	BB	220293	4117294	47.65%	2.726%
22	21.868	21.767	21.970	BB	167406	3935168	45.55%	2.605%
Sum of corrected areas:						151057725		

Aliphatic EPH 100725.M Tue Oct 07 09:56:29 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
 Data File : FC069939.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2025 17:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 07 09:28:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:26:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.644	3233829	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.079	2500104	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.382	2586179	20.000 ug/ml
2) T n-Decane (C10)	4.455	2704739	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.048	3037797	20.000 ug/ml
4) T n-Dodecane (C12)	6.477	2870146	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.106	2990239	20.000 ug/ml
6) T n-Tetradecane (C14)	8.275	2967400	20.000 ug/ml
7) T n-Hexadecane (C16)	9.879	3134629	20.000 ug/ml
8) T n-Octadecane (C18)	11.322	3160241	20.000 ug/ml
10) T n-Eicosane (C20)	12.633	2956263	20.000 ug/ml
11) T n-Heneicosane (C21)	13.245	2856934	20.000 ug/ml
13) T n-Docosane (C22)	13.831	2789185	20.000 ug/ml
14) T n-Tetracosane (C24)	14.936	2665846	20.000 ug/ml
15) T n-Hexacosane (C26)	15.958	2511687	20.000 ug/ml
16) T n-Octacosane (C28)	16.908	2361381	20.000 ug/ml
17) T n-Tricontane (C30)	17.797	2304010	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.630	2157650	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.415	1957095	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.153	1715254	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.912	1567899	20.000 ug/ml
22) T n-Tetracontane (C40)	21.862	1503047	20.000 ug/ml

(f)=RT Delta > 1/2 Window

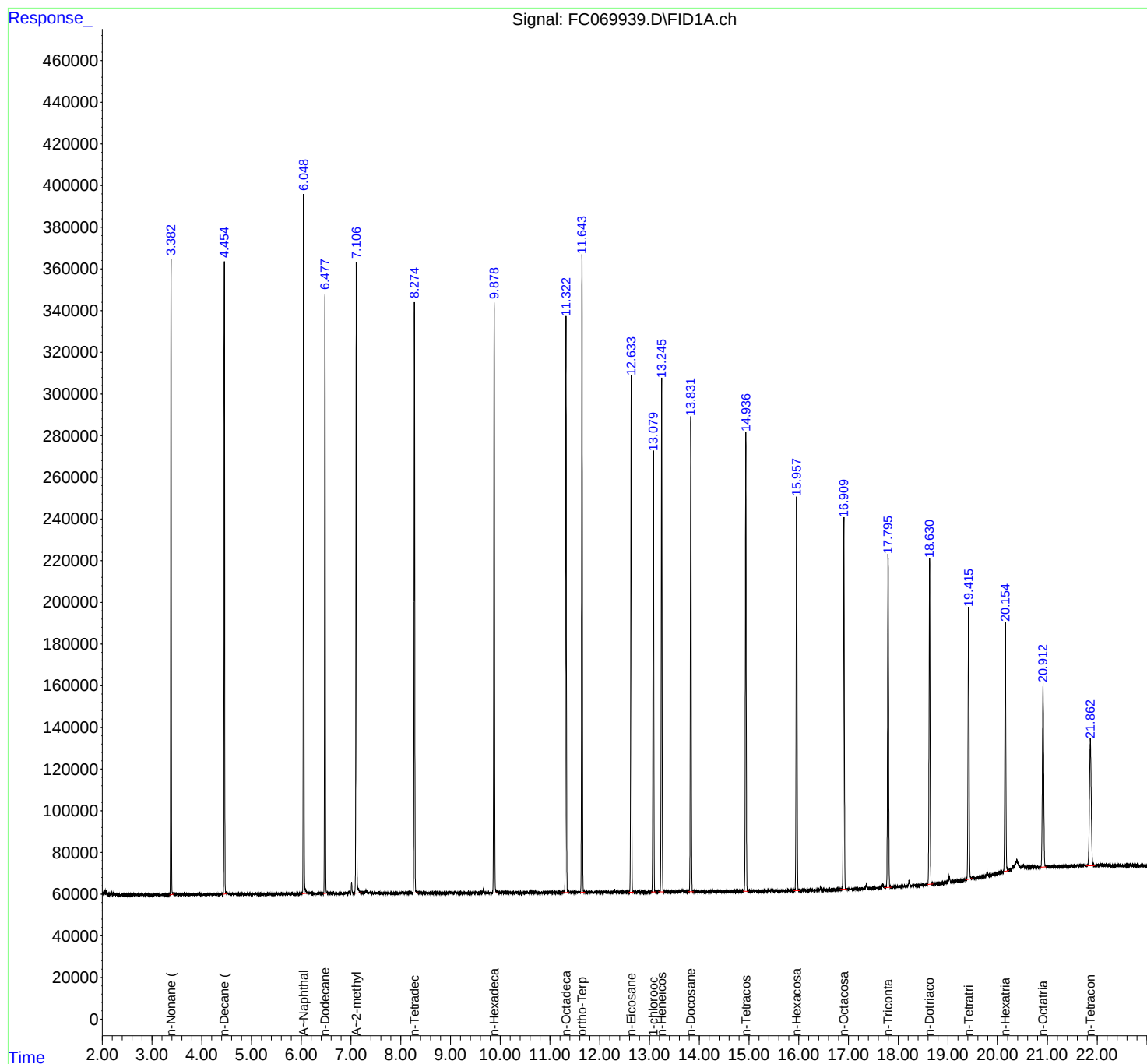
(m)=manual int.

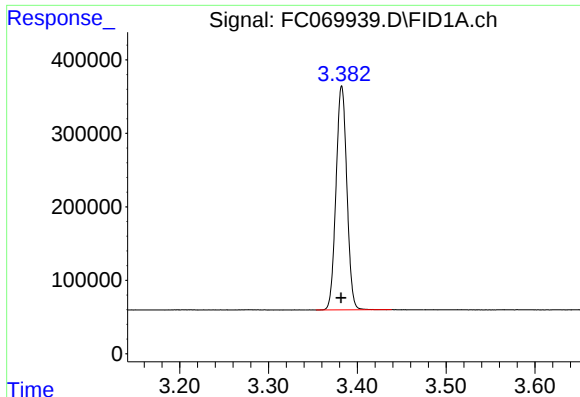
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
Data File : FC069939.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2025 17:50
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 07 09:28:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:26:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

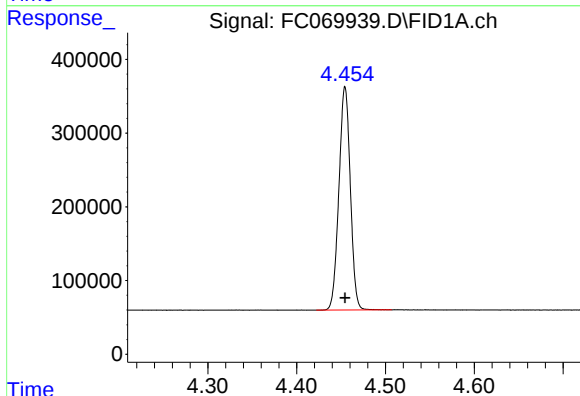




#1 n-Nonane (C9)

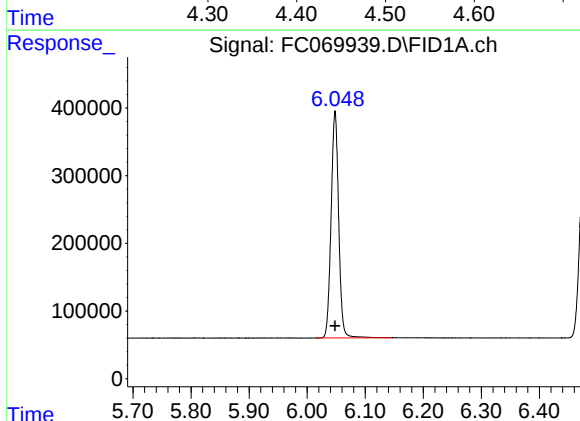
R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 2586179
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



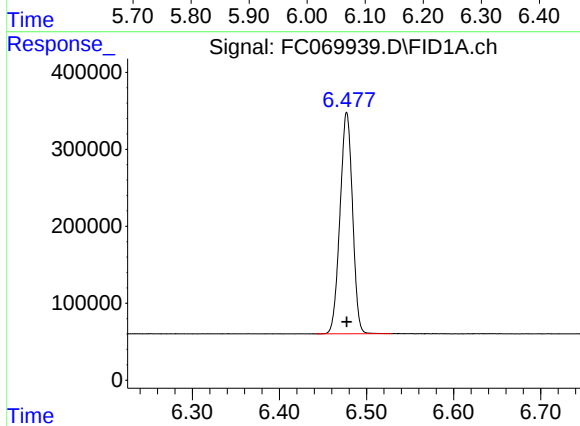
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 2704739
Conc: 20.00 ug/ml



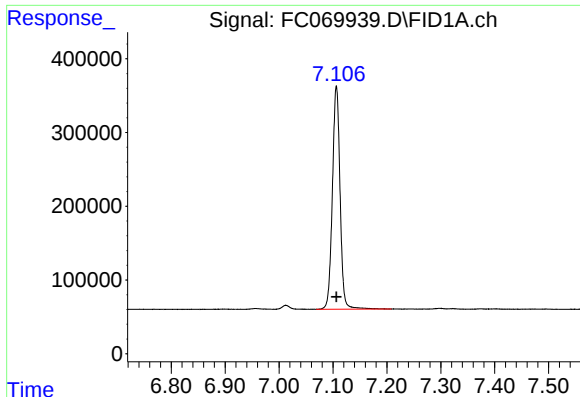
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 3037797
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

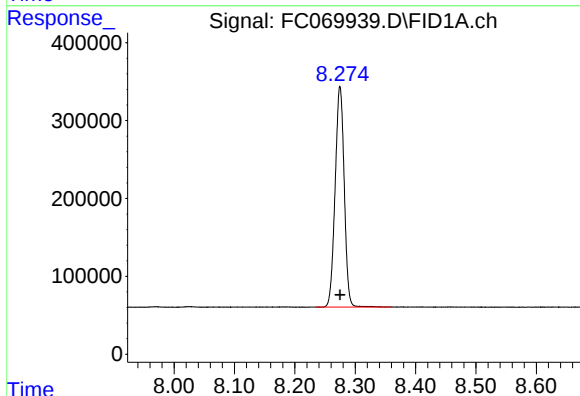
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 2870146
Conc: 20.00 ug/ml



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

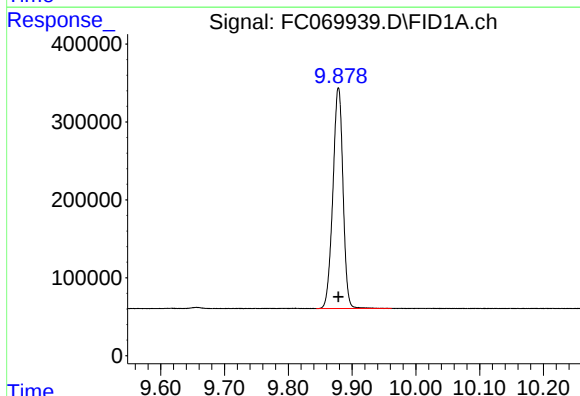
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 2990239
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



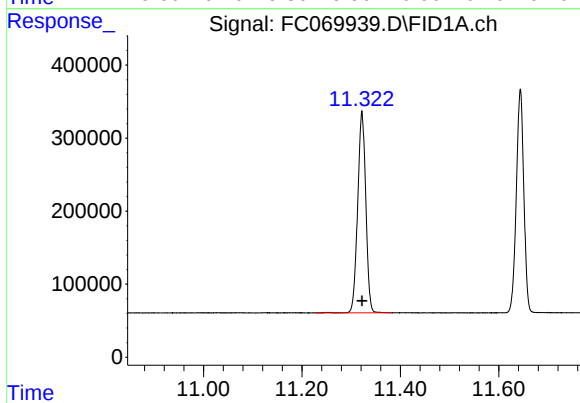
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 2967400
Conc: 20.00 ug/ml



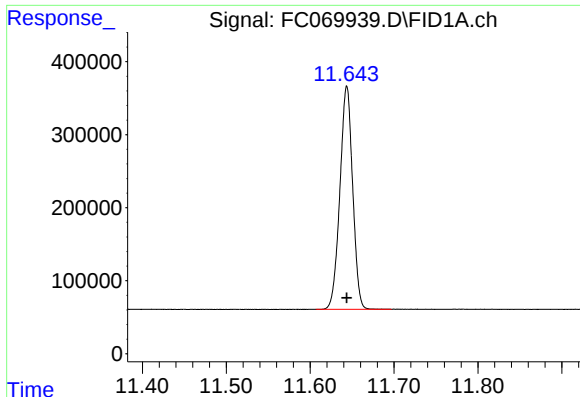
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: 0.000 min
Response: 3134629
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

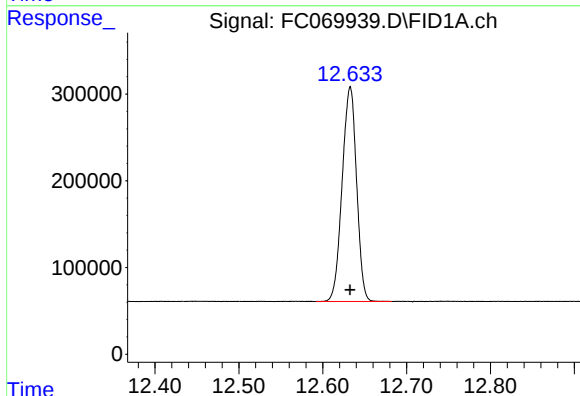
R.T.: 11.322 min
Delta R.T.: 0.000 min
Response: 3160241
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

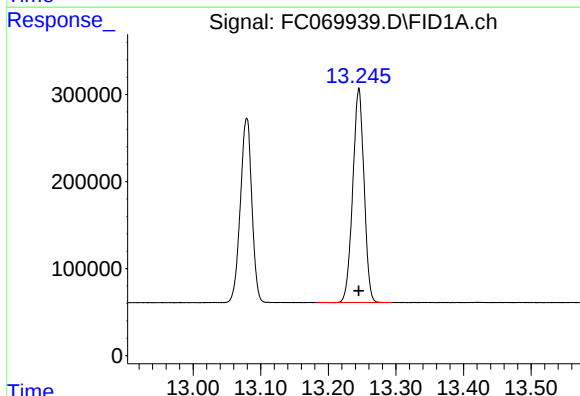
R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 3233829
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



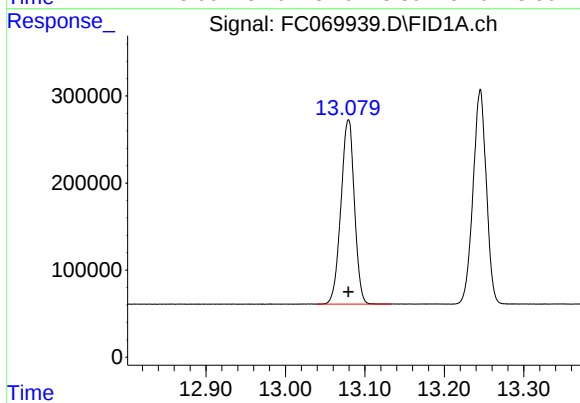
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 2956263
Conc: 20.00 ug/ml



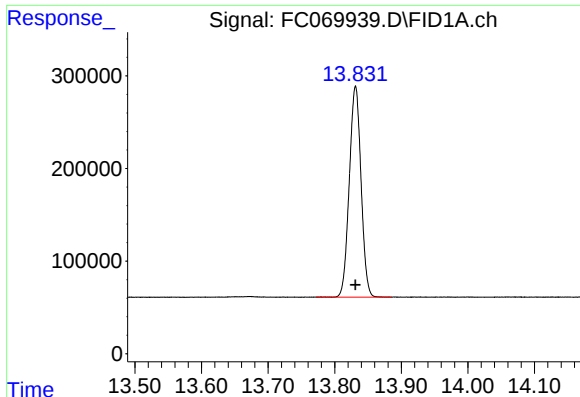
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: 0.000 min
Response: 2856934
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

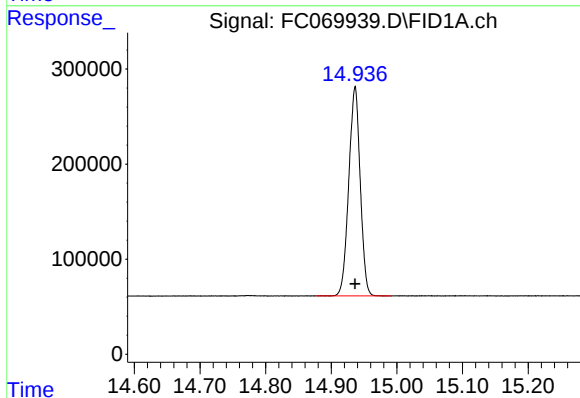
R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 2500104
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

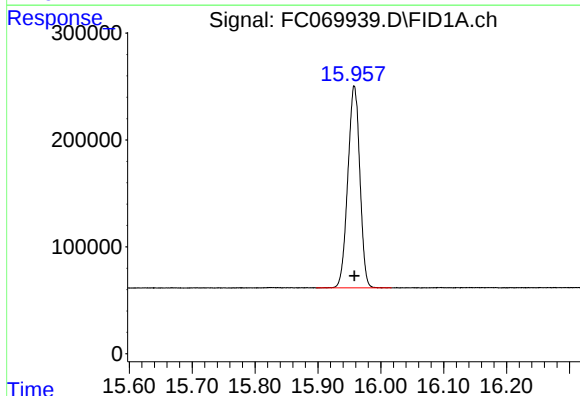
R.T.: 13.831 min
Delta R.T.: 0.000 min
Response: 2789185
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



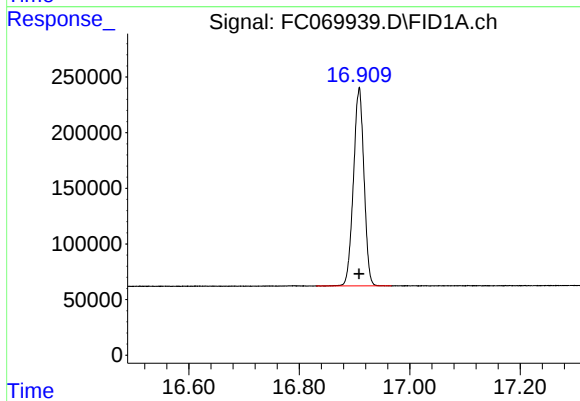
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: 0.000 min
Response: 2665846
Conc: 20.00 ug/ml



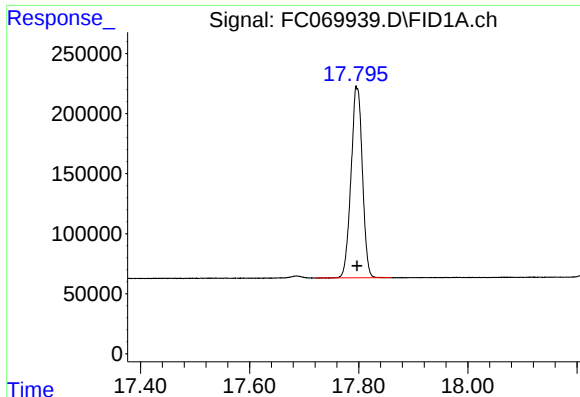
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: 0.000 min
Response: 2511687
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

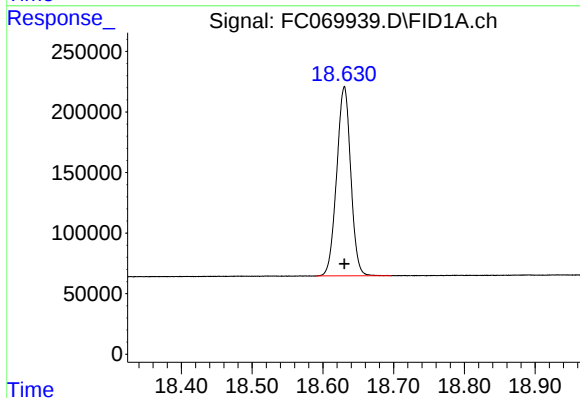
R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 2361381
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

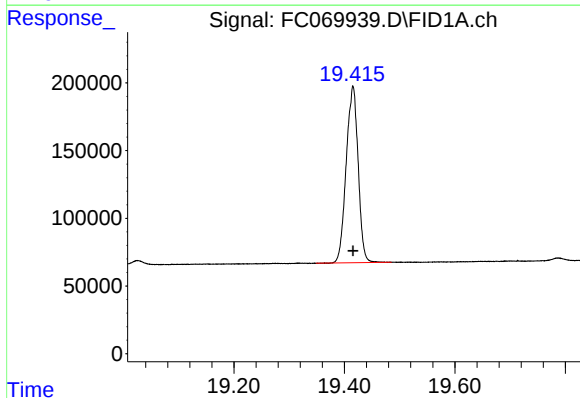
R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 2304010
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



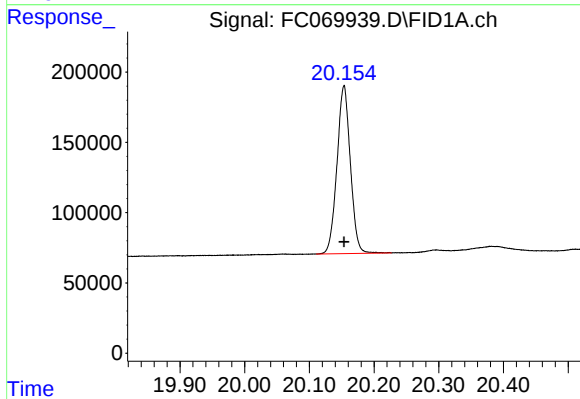
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.000 min
Response: 2157650
Conc: 20.00 ug/ml



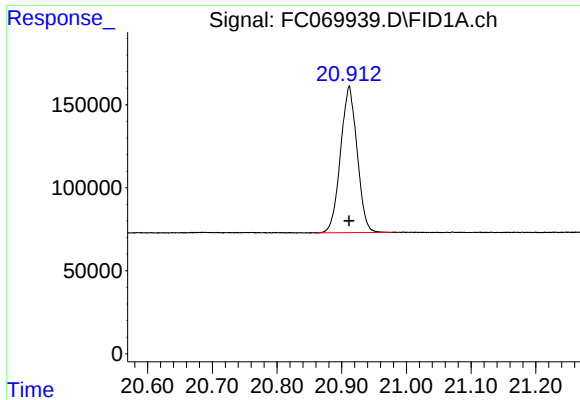
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: 0.000 min
Response: 1957095
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

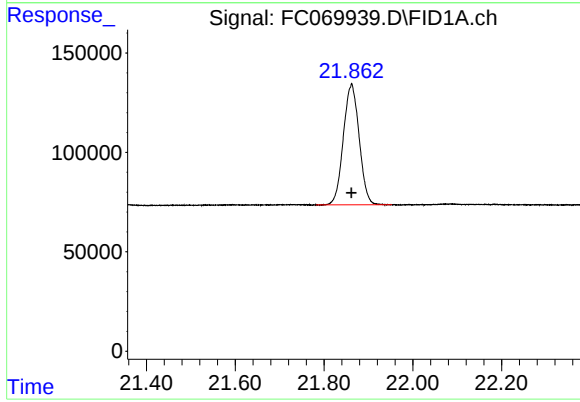
R.T.: 20.153 min
Delta R.T.: 0.000 min
Response: 1715254
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: 0.000 min
Response: 1567899
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.862 min
Delta R.T.: 0.000 min
Response: 1503047
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
Data File : FC069939.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2025 17:50
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.383	3.354	3.439	BB	304942	2586179	79.97%	4.575%
2	4.455	4.422	4.507	BB	303233	2704739	83.64%	4.784%
3	6.048	6.015	6.145	BB	336136	3037797	93.94%	5.374%
4	6.477	6.442	6.529	BB	288019	2870146	88.75%	5.077%
5	7.106	7.069	7.209	BB	302692	2990239	92.47%	5.290%
6	8.275	8.235	8.360	BB	283402	2967400	91.76%	5.249%
7	9.879	9.844	9.962	BB	283622	3134629	96.93%	5.545%
8	11.322	11.229	11.382	BB	275975	3160241	97.72%	5.590%
9	11.644	11.607	11.697	BB	306418	3233829	100.00%	5.720%
10	12.633	12.592	12.682	BB	247337	2956263	91.42%	5.229%
11	13.079	13.039	13.134	BB	211975	2500104	77.31%	4.422%
12	13.245	13.182	13.294	BB	247074	2856934	88.35%	5.054%
13	13.831	13.772	13.885	BB	228326	2789185	86.25%	4.934%
14	14.936	14.877	14.992	BB	219421	2665846	82.44%	4.716%
15	15.958	15.897	16.017	BB	189463	2511687	77.67%	4.443%
16	16.908	16.830	16.967	BB	179015	2361381	73.02%	4.177%
17	17.797	17.722	17.860	BB	157250	2304010	71.25%	4.076%
18	18.630	18.590	18.697	BB	156475	2157650	66.72%	3.817%
19	19.415	19.349	19.485	BB	130941	1957095	60.52%	3.462%
20	20.153	20.110	20.227	BB	119849	1715254	53.04%	3.034%
21	20.912	20.860	20.977	BB	88544	1567899	48.48%	2.773%
22	21.862	21.782	21.952	BB	61121	1503047	46.48%	2.659%
Sum of corrected areas:							56531551	

Aliphatic EPH 100725.M Tue Oct 07 09:56:50 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
 Data File : FC069940.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2025 18:35
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2025
 Supervised By :mohammad ahmed 10/08/2025

Integration File: autoint1.e
 Quant Time: Oct 07 09:28:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:26:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.643	1801769	11.143 ug/ml
Spiked Amount 50.000		Recovery =	22.29%
12) S 1-chlorooctadecane (S...	13.078	1388999	11.112 ug/ml
Spiked Amount 50.000		Recovery =	22.22%
Target Compounds			
1) T n-Nonane (C9)	3.383	1405419	10.869 ug/ml
2) T n-Decane (C10)	4.454	1465951	10.840 ug/ml
3) T A~Naphthalene (C11.7)	6.048	1651182	10.871 ug/ml
4) T n-Dodecane (C12)	6.477	1556658	10.847 ug/ml
5) T A~2-methylnaphthalene...	7.106	1621428	10.845 ug/ml
6) T n-Tetradecane (C14)	8.274	1614710	10.883 ug/ml
7) T n-Hexadecane (C16)	9.877	1710570	10.914 ug/ml
8) T n-Octadecane (C18)	11.321	1731363	10.957 ug/ml
10) T n-Eicosane (C20)	12.632	1640453	11.098 ug/ml
11) T n-Heneicosane (C21)	13.244	1588969	11.124 ug/ml
13) T n-Docosane (C22)	13.831	1574378	11.289 ug/ml
14) T n-Tetracosane (C24)	14.935	1554075	11.659 ug/ml
15) T n-Hexacosane (C26)	15.957	1477357	11.764 ug/ml
16) T n-Octacosane (C28)	16.908	1413177	11.969 ug/ml
17) T n-Tricontane (C30)	17.796	1411056	12.249 ug/ml
18) T n-Dotriacontane (C32)	18.630	1341453	12.434 ug/ml
19) T n-Tetratriacontane (C34)	19.413	1188034	12.141 ug/mlm
20) T n-Hexatriacontane (C36)	20.154	1002661	11.691 ug/ml
21) T n-Octatriacontane (C38)	20.911	914301	11.663 ug/ml
22) T n-Tetracontane (C40)	21.862	866175	11.526 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
Data File : FC069940.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2025 18:35
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

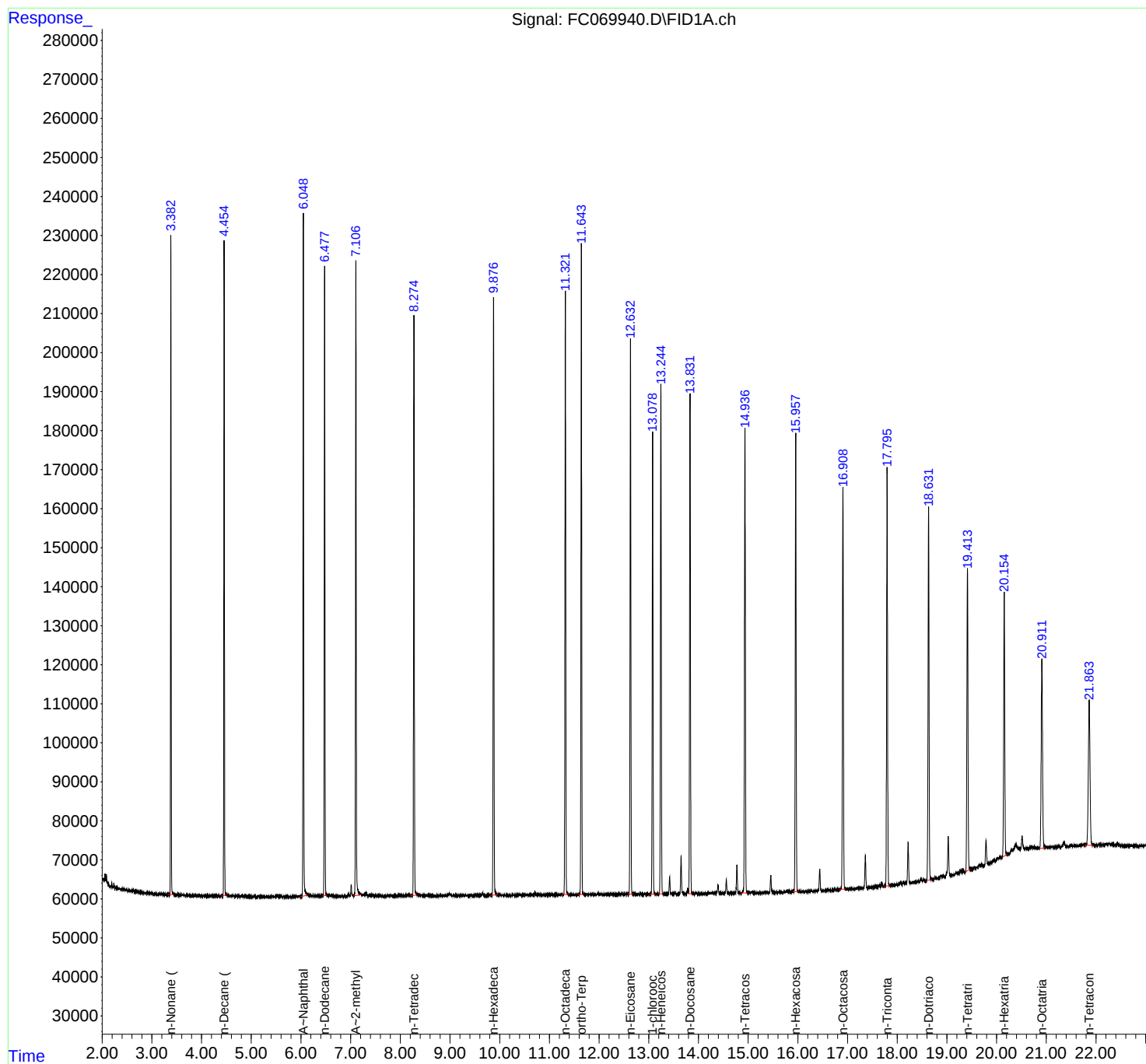
Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

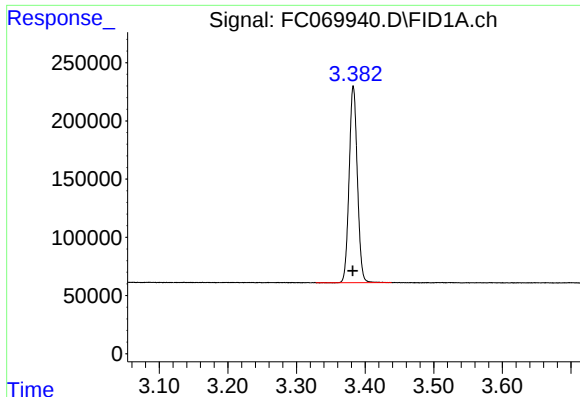
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2025
Supervised By :mohammad ahmed 10/08/2025

Integration File: autoint1.e
Quant Time: Oct 07 09:28:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:26:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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





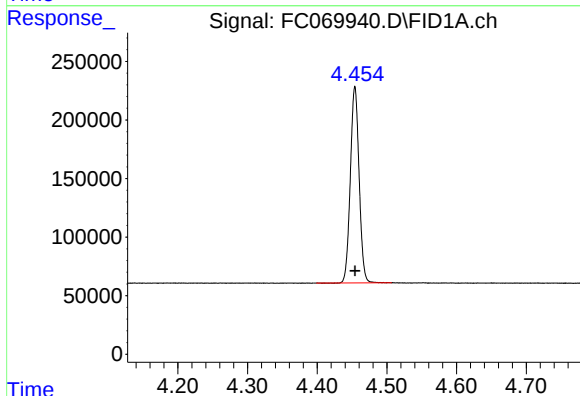
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: 0.000 min
Response: 1405419
Conc: 10.87 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

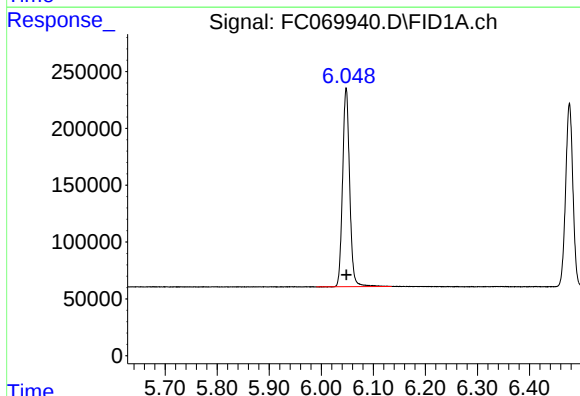
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2025
Supervised By :mohammad ahmed 10/08/2025



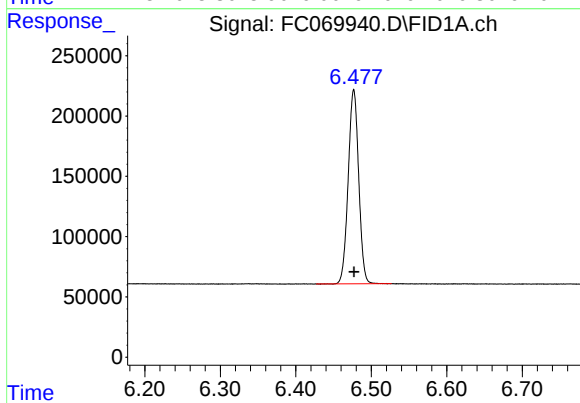
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: 0.000 min
Response: 1465951
Conc: 10.84 ug/ml



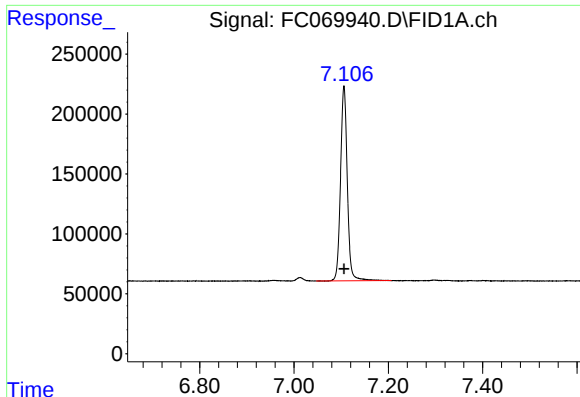
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 1651182
Conc: 10.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 1556658
Conc: 10.85 ug/ml



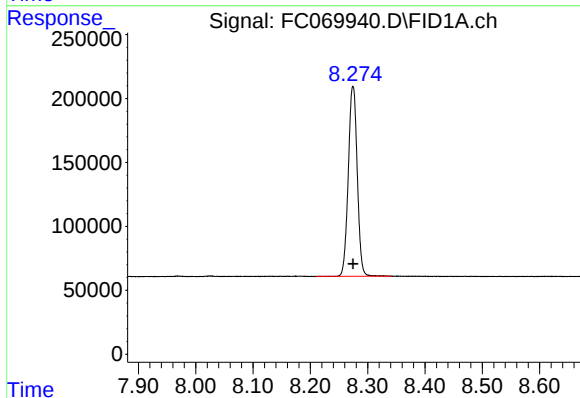
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 1621428
Conc: 10.84 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

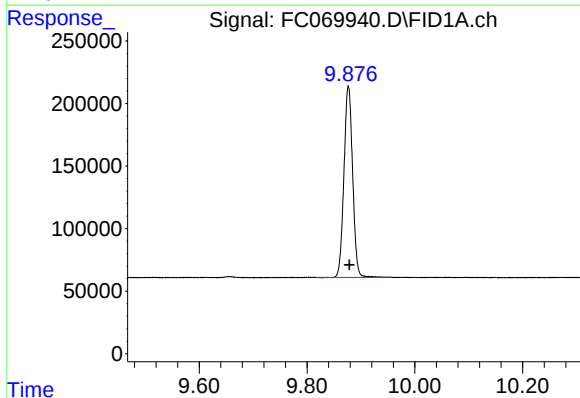
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2025
Supervised By :mohammad ahmed 10/08/2025



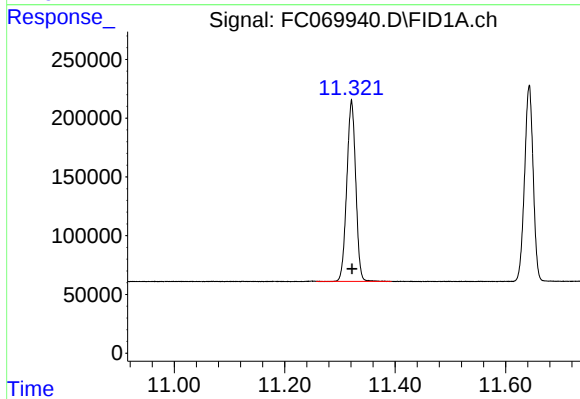
#6 n-Tetradecane (C14)

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 1614710
Conc: 10.88 ug/ml



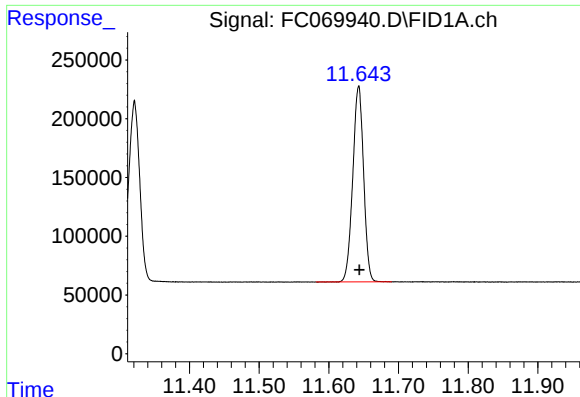
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: -0.002 min
Response: 1710570
Conc: 10.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: 0.000 min
Response: 1731363
Conc: 10.96 ug/ml



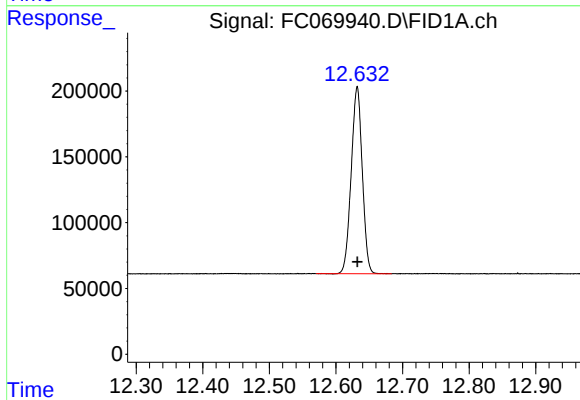
#9 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 1801769
Conc: 11.14 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

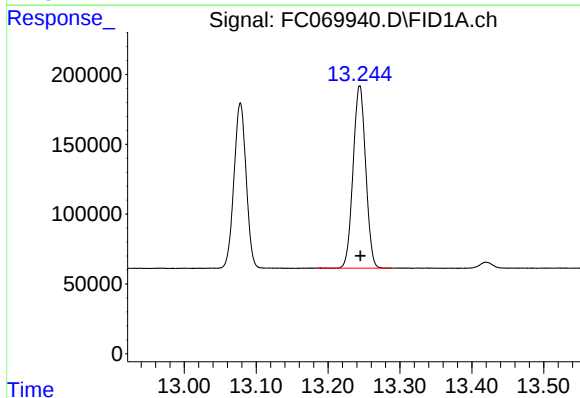
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2025
Supervised By :mohammad ahmed 10/08/2025



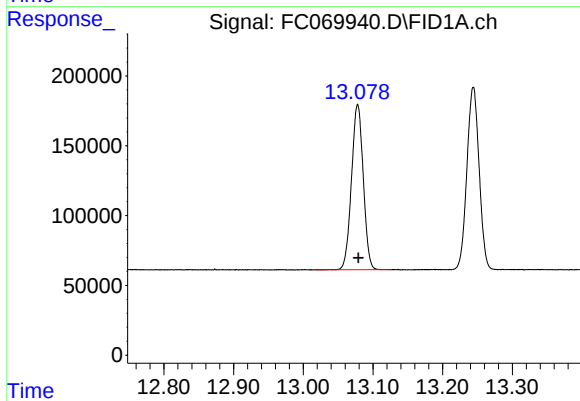
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: 0.000 min
Response: 1640453
Conc: 11.10 ug/ml



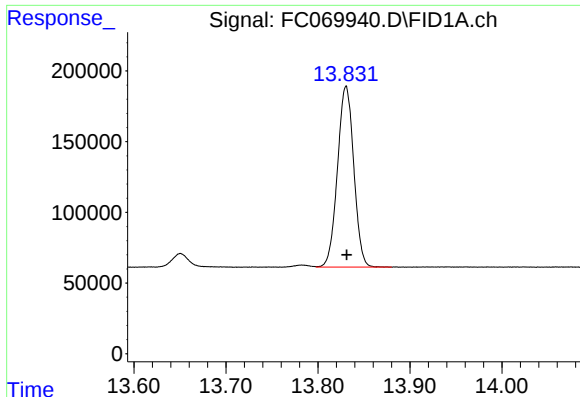
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.001 min
Response: 1588969
Conc: 11.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: -0.001 min
Response: 1388999
Conc: 11.11 ug/ml



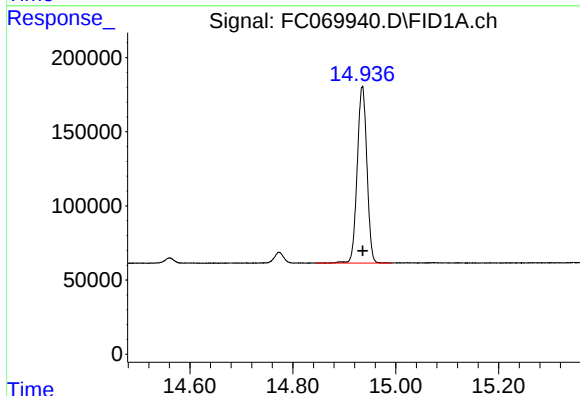
#13 n-Docosane (C22)

R.T.: 13.831 min
Delta R.T.: 0.000 min
Response: 1574378
Conc: 11.29 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

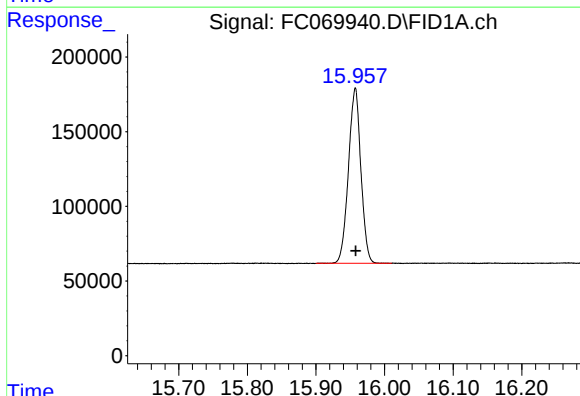
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2025
Supervised By :mohammad ahmed 10/08/2025



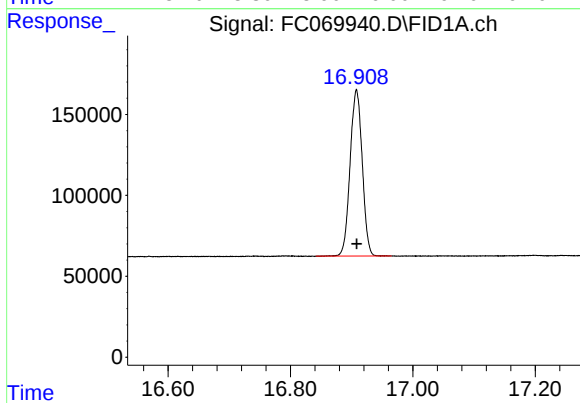
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: -0.001 min
Response: 1554075
Conc: 11.66 ug/ml



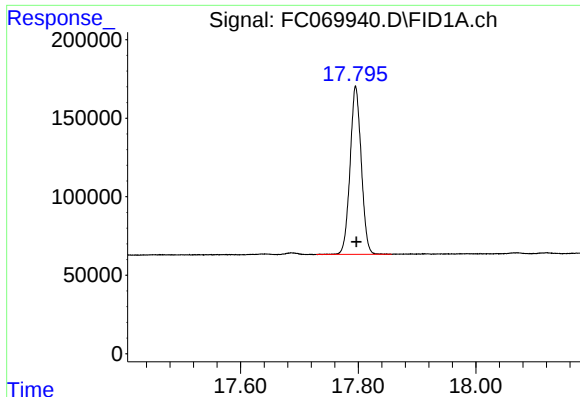
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: 0.000 min
Response: 1477357
Conc: 11.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 1413177
Conc: 11.97 ug/ml



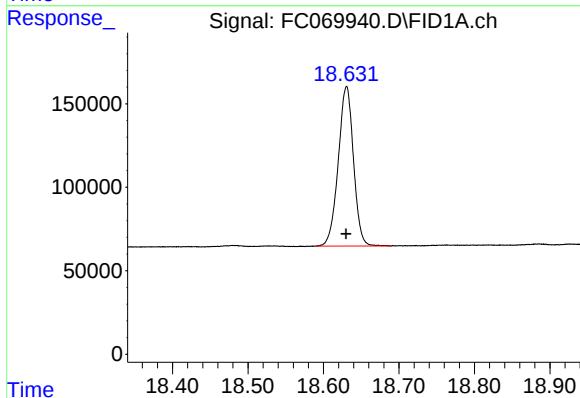
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: -0.001 min
Response: 1411056
Conc: 12.25 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

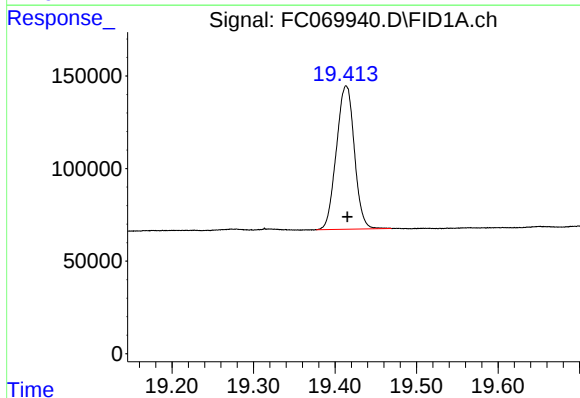
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2025
Supervised By :mohammad ahmed 10/08/2025



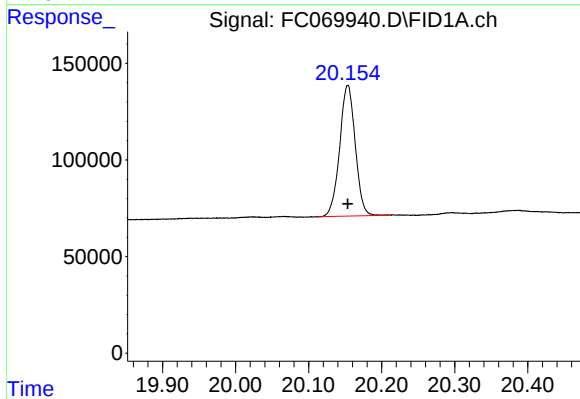
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.000 min
Response: 1341453
Conc: 12.43 ug/ml



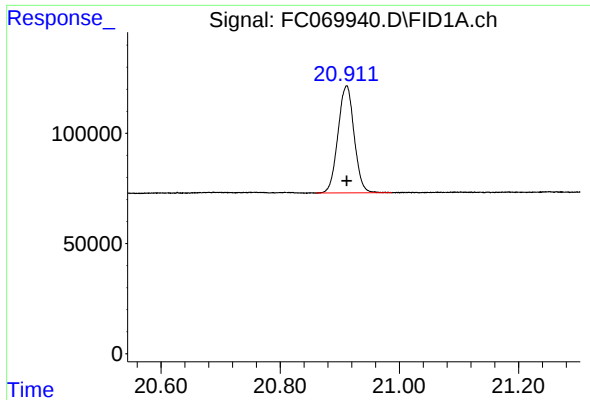
#19 n-Tetratriacontane (C34)

R.T.: 19.413 min
Delta R.T.: -0.002 min
Response: 1188034
Conc: 12.14 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.154 min
Delta R.T.: 0.000 min
Response: 1002661
Conc: 11.69 ug/ml



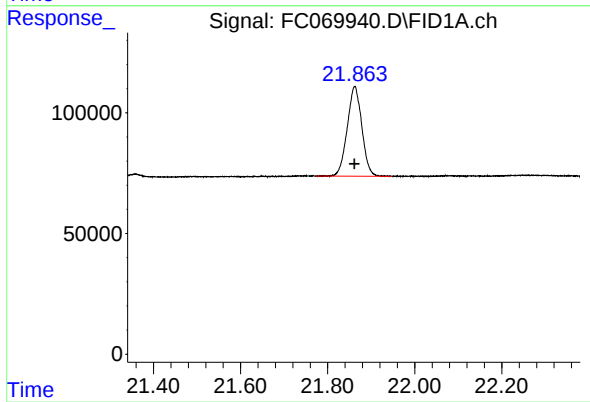
#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: 0.000 min
Response: 914301
Conc: 11.66 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2025
Supervised By :mohammad ahmed 10/08/2025



#22 n-Tetracontane (C40)

R.T.: 21.862 min
Delta R.T.: 0.000 min
Response: 866175
Conc: 11.53 ug/ml

rteres

Instrument :
FID_C
LabSampleId :
10 PPM ALIPHATIC HC STD4
Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725
Data File : FC069940.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2025 18:35
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/07/2025
Supervised By :mohammad ahmed 10/08/2025

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.383	3.329	3.439	BB	168169	1405419	78.00%	4.403%
2	4.454	4.399	4.507	BB	167388	1465951	81.36%	4.593%
3	6.048	5.990	6.135	BB	175506	1651182	91.64%	5.173%
4	6.477	6.427	6.527	BB	161264	1556658	86.40%	4.877%
5	7.106	7.047	7.207	BB	162945	1621428	89.99%	5.080%
6	8.274	8.210	8.342	BB	148764	1614710	89.62%	5.059%
7	9.877	9.817	9.957	BB	152925	1710570	94.94%	5.360%
8	11.321	11.257	11.394	BB	153863	1731363	96.09%	5.425%
9	11.643	11.582	11.690	BB	166069	1801769	100.00%	5.645%
10	12.632	12.570	12.684	BB	142405	1640453	91.05%	5.140%
11	13.078	13.019	13.127	BB	118480	1388999	77.09%	4.352%
12	13.244	13.184	13.289	BB	130906	1588969	88.19%	4.979%
13	13.831	13.798	13.880	VB	127858	1574378	87.38%	4.933%
14	14.935	14.845	14.992	BB	118885	1554075	86.25%	4.869%
15	15.957	15.900	16.010	BB	117520	1477357	81.99%	4.629%
16	16.908	16.842	16.965	BB	102815	1413177	78.43%	4.428%
17	17.796	17.729	17.857	BB	107103	1411056	78.32%	4.421%
18	18.630	18.590	18.690	BB	95648	1341453	74.45%	4.203%
19	19.414	19.305	19.470	BB	77410	1184171	65.72%	3.710%
20	20.154	20.110	20.214	BB	67689	1002661	55.65%	3.142%
21	20.911	20.860	20.987	BB	48675	914301	50.74%	2.865%
22	21.862	21.774	21.947	BB	37160	866175	48.07%	2.714%
Sum of corrected areas:						31916275		

Aliphatic EPH 100725.M Tue Oct 07 09:57:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
 Data File : FC069941.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2025 19:19
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 07 09:28:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:26:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.642	945317	5.846 ug/ml
Spiked Amount 50.000		Recovery =	11.69%
12) S 1-chlorooctadecane (S...	13.077	725060	5.800 ug/ml
Spiked Amount 50.000		Recovery =	11.60%
Target Compounds			
1) T n-Nonane (C9)	3.384	738481	5.711 ug/ml
2) T n-Decane (C10)	4.455	768097	5.680 ug/ml
3) T A~Naphthalene (C11.7)	6.048	858039	5.649 ug/ml
4) T n-Dodecane (C12)	6.477	814407	5.675 ug/ml
5) T A~2-methylnaphthalene...	7.106	839181	5.613 ug/ml
6) T n-Tetradecane (C14)	8.274	834987	5.628 ug/ml
7) T n-Hexadecane (C16)	9.877	890828	5.684 ug/ml
8) T n-Octadecane (C18)	11.320	907348	5.742 ug/ml
10) T n-Eicosane (C20)	12.631	864853	5.851 ug/ml
11) T n-Heneicosane (C21)	13.243	838040	5.867 ug/ml
13) T n-Docosane (C22)	13.831	859000	6.160 ug/ml
14) T n-Tetracosane (C24)	14.934	901906	6.766 ug/ml
15) T n-Hexacosane (C26)	15.957	890282	7.089 ug/ml
16) T n-Octacosane (C28)	16.906	879183	7.446 ug/ml
17) T n-Tricontane (C30)	17.796	882722	7.662 ug/ml
18) T n-Dotriacontane (C32)	18.628	847118	7.852 ug/ml
19) T n-Tetratriacontane (C34)	19.412	720186	7.360 ug/ml
20) T n-Hexatriacontane (C36)	20.152	578690	6.748 ug/ml
21) T n-Octatriacontane (C38)	20.910	500729	6.387 ug/ml
22) T n-Tetracontane (C40)	21.856	450964	6.001 ug/ml

(f)=RT Delta > 1/2 Window

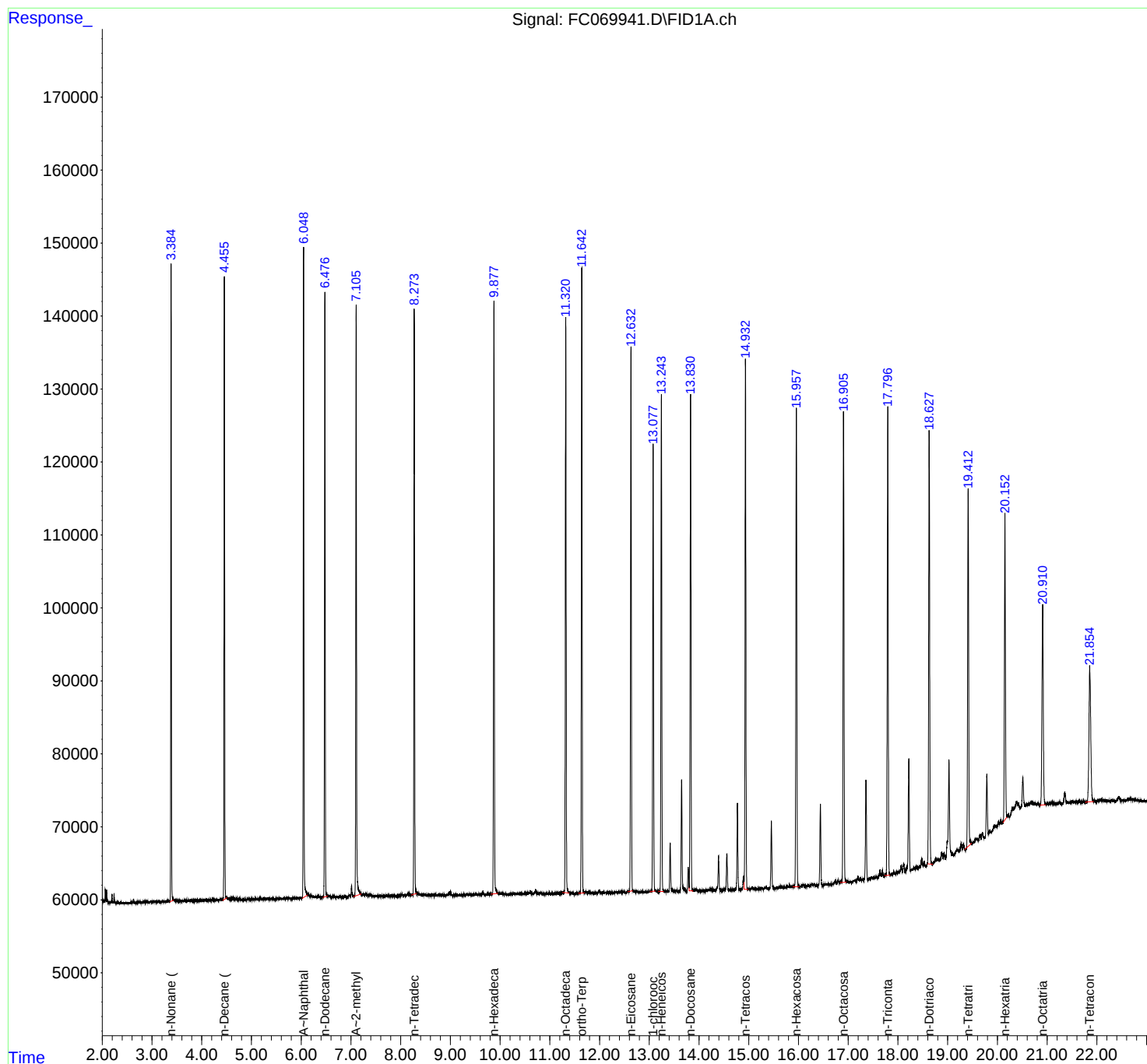
(m)=manual int.

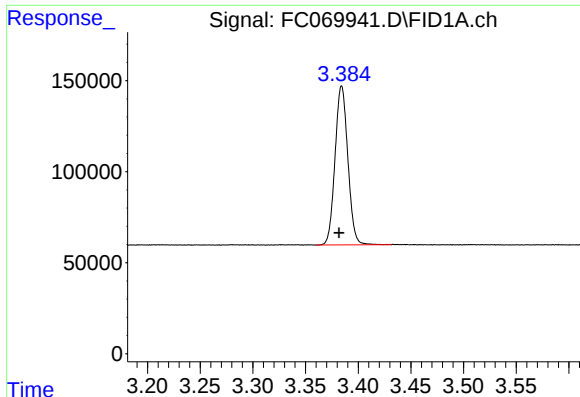
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
Data File : FC069941.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2025 19:19
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 07 09:28:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:26:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

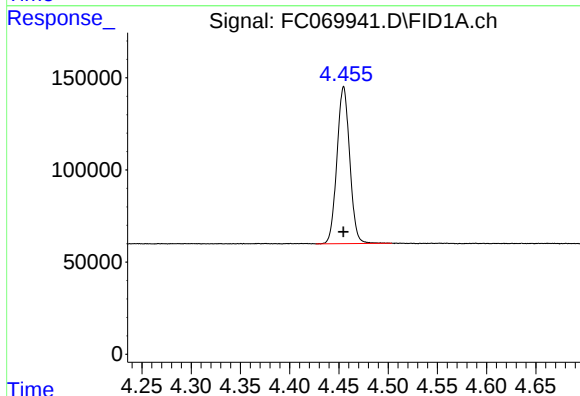




#1 n-Nonane (C9)

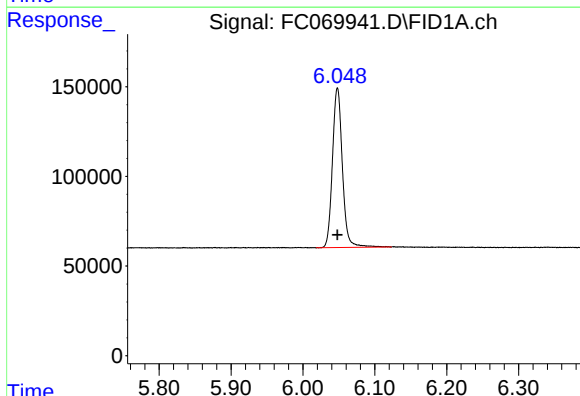
R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 738481
Conc: 5.71 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



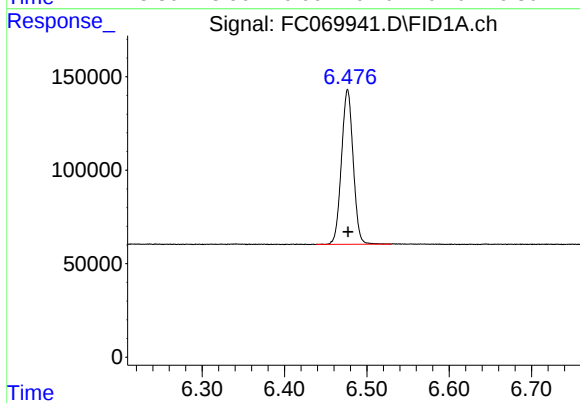
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 768097
Conc: 5.68 ug/ml



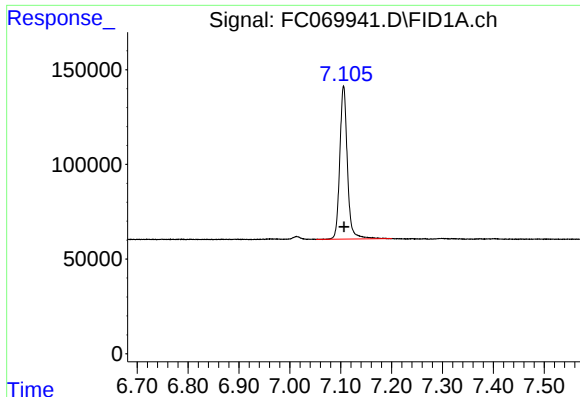
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 858039
Conc: 5.65 ug/ml



#4 n-Dodecane (C12)

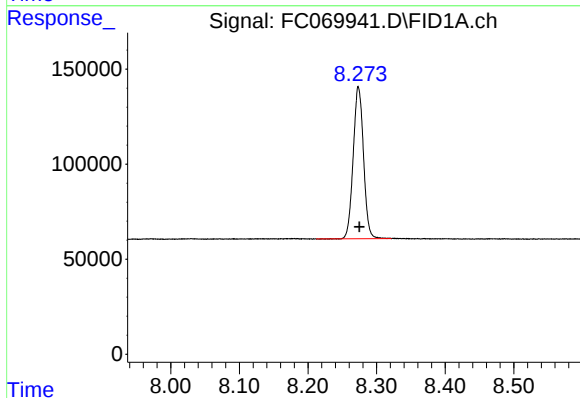
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 814407
Conc: 5.68 ug/ml



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

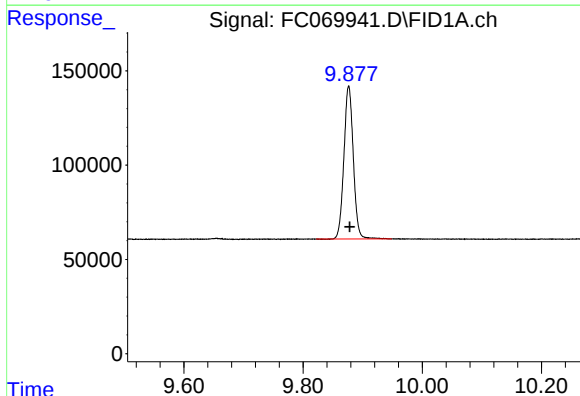
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 839181
Conc: 5.61 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



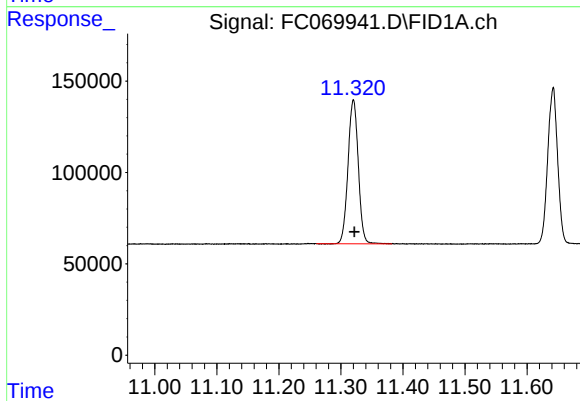
#6 n-Tetradecane (C14)

R.T.: 8.274 min
Delta R.T.: -0.001 min
Response: 834987
Conc: 5.63 ug/ml



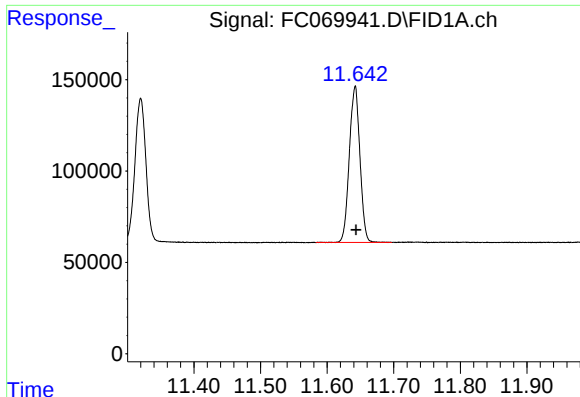
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: -0.002 min
Response: 890828
Conc: 5.68 ug/ml



#8 n-Octadecane (C18)

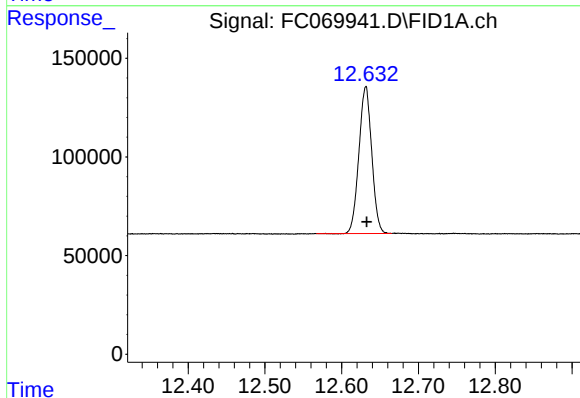
R.T.: 11.320 min
Delta R.T.: -0.002 min
Response: 907348
Conc: 5.74 ug/ml



#9 ortho-Terphenyl (SURR)

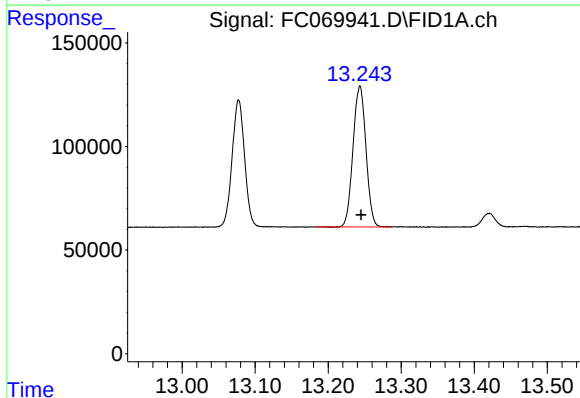
R.T.: 11.642 min
Delta R.T.: -0.002 min
Response: 945317
Conc: 5.85 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



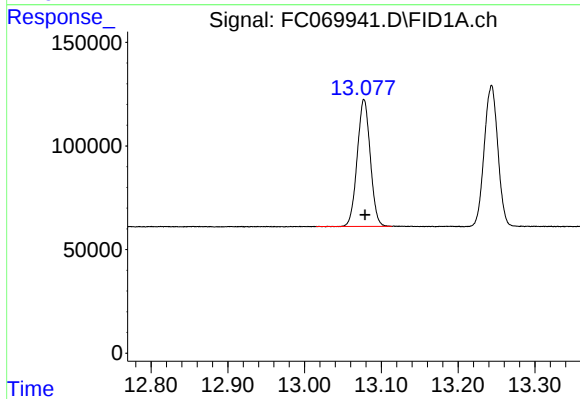
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.001 min
Response: 864853
Conc: 5.85 ug/ml



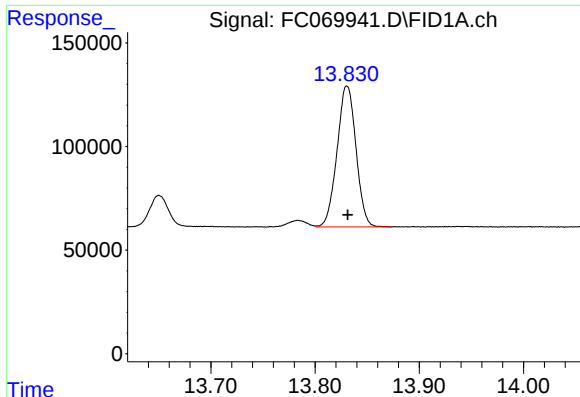
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: -0.002 min
Response: 838040
Conc: 5.87 ug/ml



#12 1-chlorooctadecane (SURR)

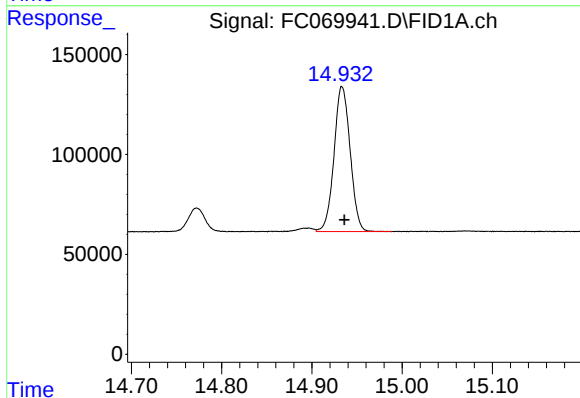
R.T.: 13.077 min
Delta R.T.: -0.002 min
Response: 725060
Conc: 5.80 ug/ml



#13 n-Docosane (C22)

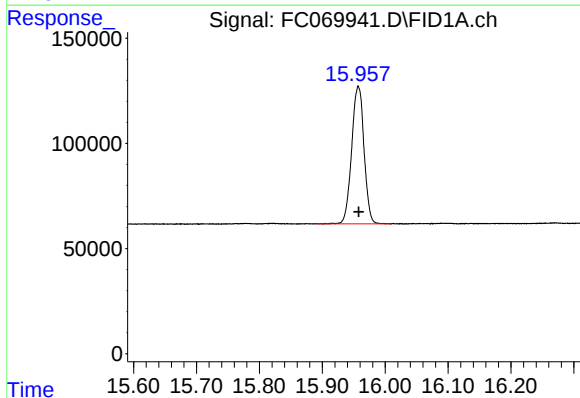
R.T.: 13.831 min
Delta R.T.: 0.000 min
Response: 859000
Conc: 6.16 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



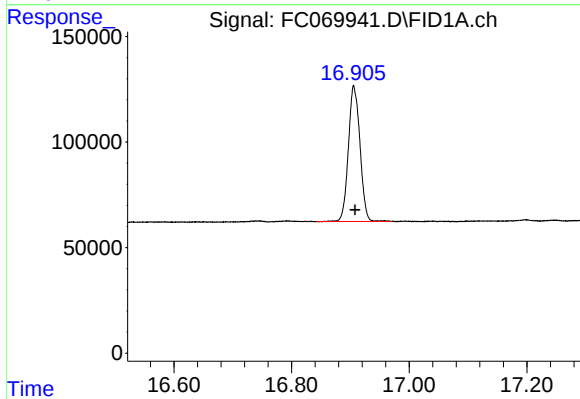
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.003 min
Response: 901906
Conc: 6.77 ug/ml



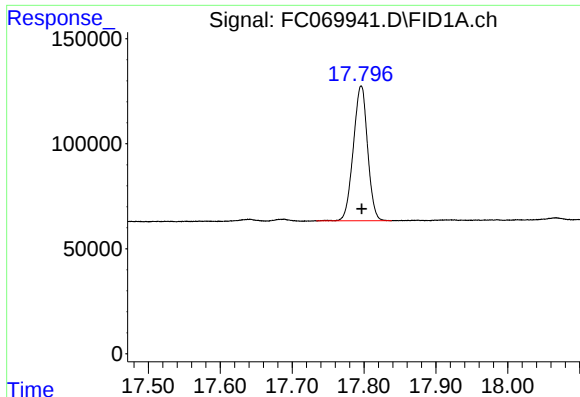
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: 0.000 min
Response: 890282
Conc: 7.09 ug/ml



#16 n-Octacosane (C28)

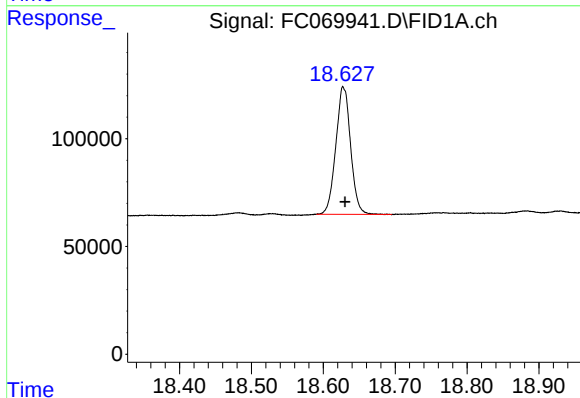
R.T.: 16.906 min
Delta R.T.: -0.002 min
Response: 879183
Conc: 7.45 ug/ml



#17 n-Tricontane (C30)

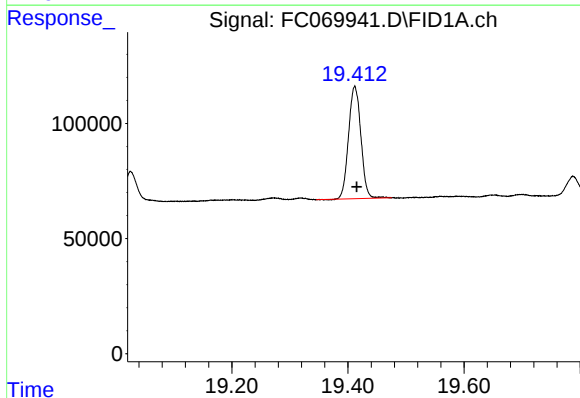
R.T.: 17.796 min
Delta R.T.: -0.001 min
Response: 882722
Conc: 7.66 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



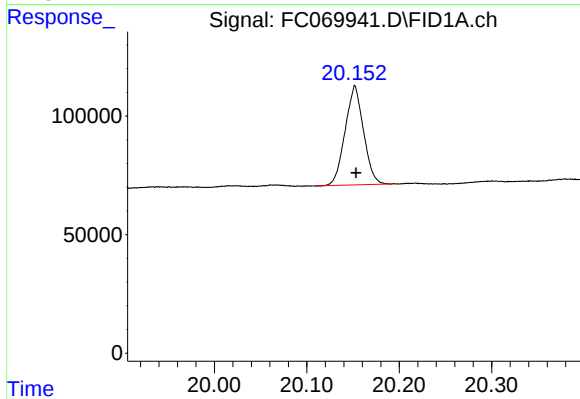
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: -0.002 min
Response: 847118
Conc: 7.85 ug/ml



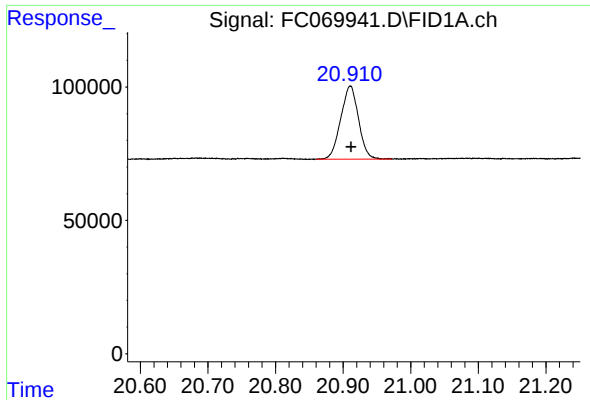
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.003 min
Response: 720186
Conc: 7.36 ug/ml



#20 n-Hexatriacontane (C36)

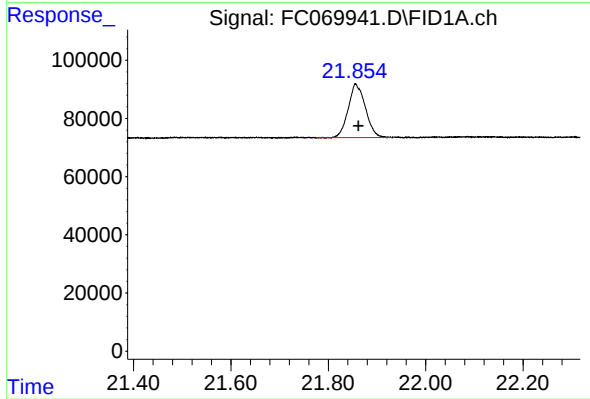
R.T.: 20.152 min
Delta R.T.: -0.001 min
Response: 578690
Conc: 6.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.001 min
Response: 500729
Conc: 6.39 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.856 min
Delta R.T.: -0.005 min
Response: 450964
Conc: 6.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
 Data File : FC069941.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2025 19:19
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.384	3.360	3.432	BB	87399	738481	78.12%	4.211%
2	4.455	4.427	4.503	BB	85389	768097	81.25%	4.380%
3	6.048	6.018	6.123	BB	89131	858039	90.77%	4.893%
4	6.477	6.438	6.530	BB	82846	814407	86.15%	4.644%
5	7.106	7.052	7.200	BB	80824	839181	88.77%	4.786%
6	8.274	8.212	8.322	BB	79816	834987	88.33%	4.762%
7	9.877	9.822	9.948	BB	81191	890828	94.24%	5.080%
8	11.320	11.260	11.382	BB	78919	907348	95.98%	5.174%
9	11.642	11.583	11.697	BB	85468	945317	100.00%	5.391%
10	12.631	12.567	12.665	BB	74880	864853	91.49%	4.932%
11	13.077	13.015	13.113	BB	61432	725060	76.70%	4.135%
12	13.243	13.183	13.287	BB	68289	838040	88.65%	4.779%
13	13.831	13.801	13.873	VB	68032	859000	90.87%	4.899%
14	14.934	14.905	14.988	VB	72431	901906	95.41%	5.143%
15	15.957	15.890	16.010	BB	65508	890282	94.18%	5.077%
16	16.906	16.842	16.970	BB	63384	879183	93.00%	5.014%
17	17.796	17.733	17.838	BB	64281	882722	93.38%	5.034%
18	18.628	18.590	18.695	BB	58574	847118	89.61%	4.831%
19	19.412	19.345	19.475	BB	48804	720186	76.18%	4.107%
20	20.152	20.110	20.192	BV	41987	578690	61.22%	3.300%
21	20.910	20.860	20.972	BB	27441	500729	52.97%	2.856%
22	21.856	21.775	21.930	BB	18425	450964	47.71%	2.572%
Sum of corrected areas:							17535417	

Aliphatic EPH 100725.M Tue Oct 07 09:57:59 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
 Data File : FC069942.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2025 20:02
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 07 09:37:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.643	3426826	19.515 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
12) S 1-chlorooctadecane (S...	13.078	2637598	19.431 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
Target Compounds			
1) T n-Nonane (C9)	3.384	2690163	19.591 ug/ml
2) T n-Decane (C10)	4.455	2807684	19.530 ug/ml
3) T A~Naphthalene (C11.7)	6.048	3180233	19.678 ug/ml
4) T n-Dodecane (C12)	6.477	2978686	19.433 ug/ml
5) T A~2-methylnaphthalene...	7.106	3136946	19.661 ug/ml
6) T n-Tetradecane (C14)	8.275	3069732	19.301 ug/ml
7) T n-Hexadecane (C16)	9.878	3247204	19.269 ug/ml
8) T n-Octadecane (C18)	11.322	3293110	19.356 ug/ml
10) T n-Eicosane (C20)	12.632	3100336	19.325 ug/ml
11) T n-Heneicosane (C21)	13.245	3008707	19.377 ug/ml
13) T n-Docosane (C22)	13.832	2942368	19.119 ug/ml
14) T n-Tetracosane (C24)	14.936	2823498	18.621 ug/ml
15) T n-Hexacosane (C26)	15.957	2666763	18.425 ug/ml
16) T n-Octacosane (C28)	16.908	2509230	18.143 ug/ml
17) T n-Tricontane (C30)	17.796	2433398	17.823 ug/ml
18) T n-Dotriacontane (C32)	18.630	2267655	17.588 ug/ml
19) T n-Tetratriacontane (C34)	19.413	2049192	17.960 ug/ml
20) T n-Hexatriacontane (C36)	20.154	1789545	18.504 ug/ml
21) T n-Octatriacontane (C38)	20.913	1635409	18.764 ug/ml
22) T n-Tetracontane (C40)	21.863	1551501	18.883 ug/ml

(f)=RT Delta > 1/2 Window

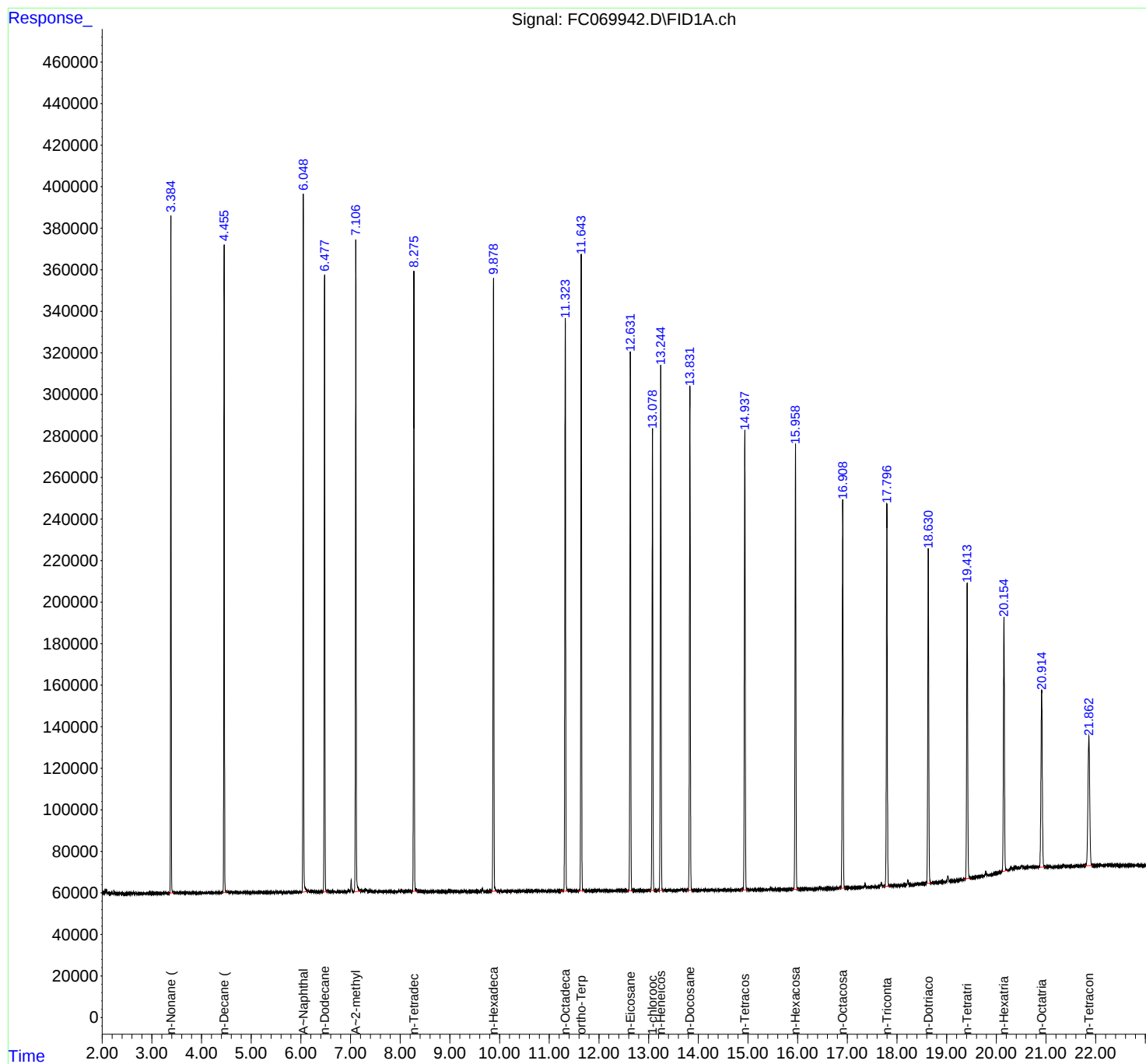
(m)=manual int.

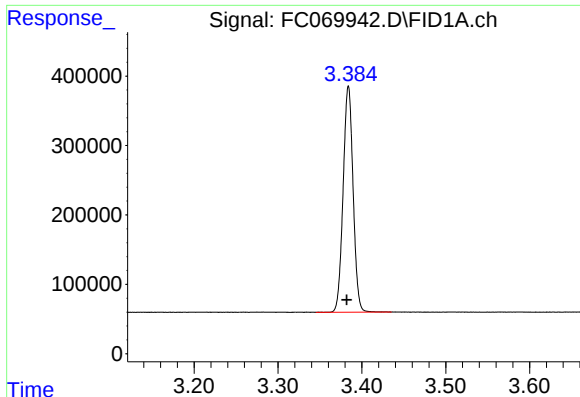
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
Data File : FC069942.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2025 20:02
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 07 09:37:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 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)

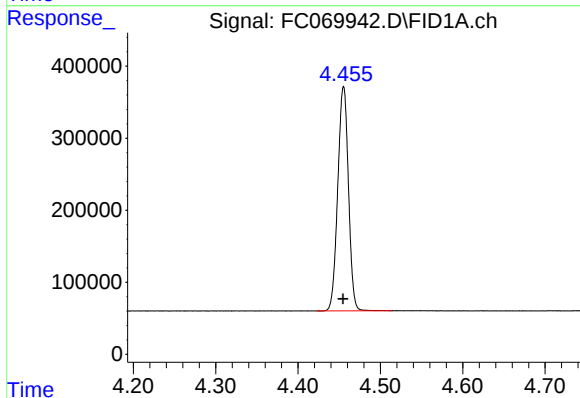
R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 2690163
Conc: 19.59 ug/ml

Instrument :

FID_C

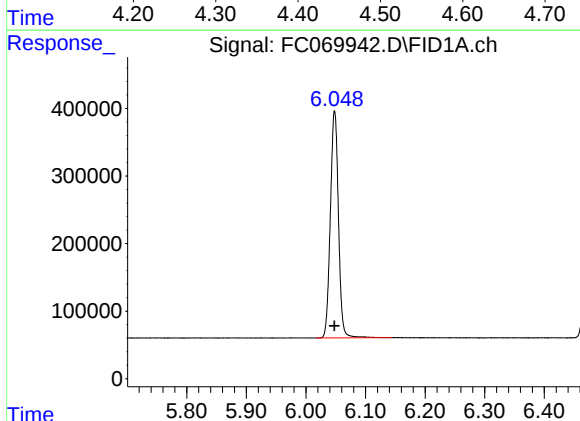
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



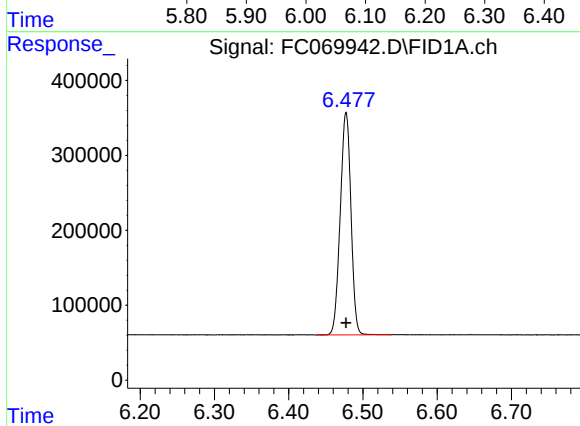
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 2807684
Conc: 19.53 ug/ml



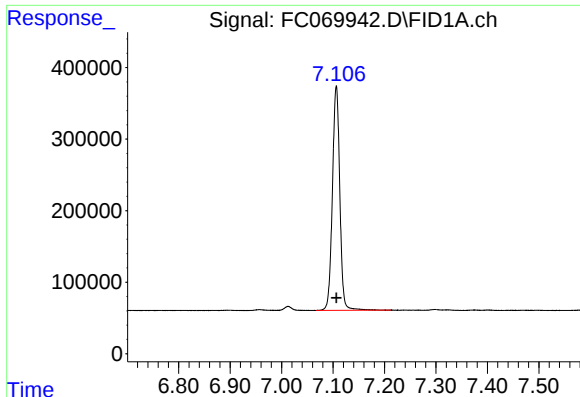
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 3180233
Conc: 19.68 ug/ml



#4 n-Dodecane (C12)

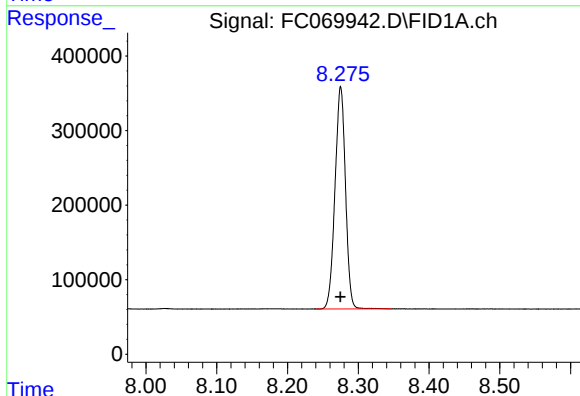
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 2978686
Conc: 19.43 ug/ml



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

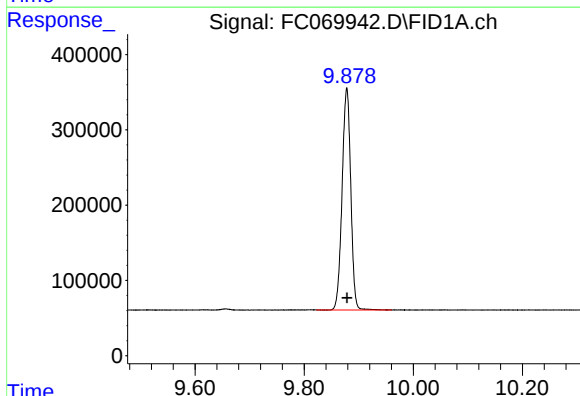
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 3136946
Conc: 19.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



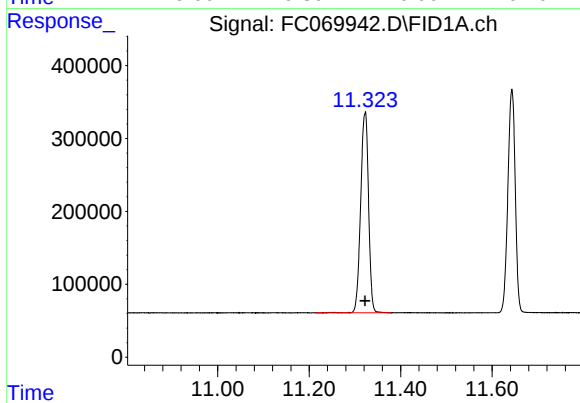
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 3069732
Conc: 19.30 ug/ml



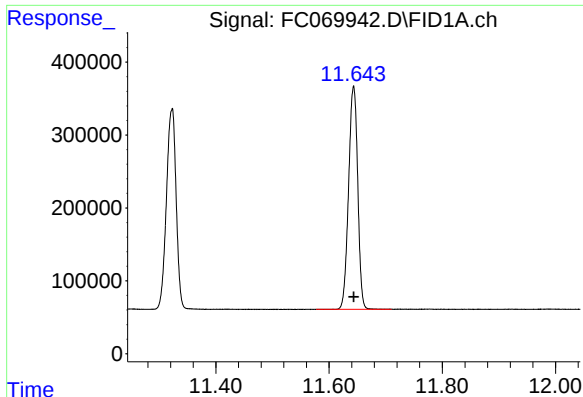
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: 0.000 min
Response: 3247204
Conc: 19.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.322 min
Delta R.T.: 0.000 min
Response: 3293110
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

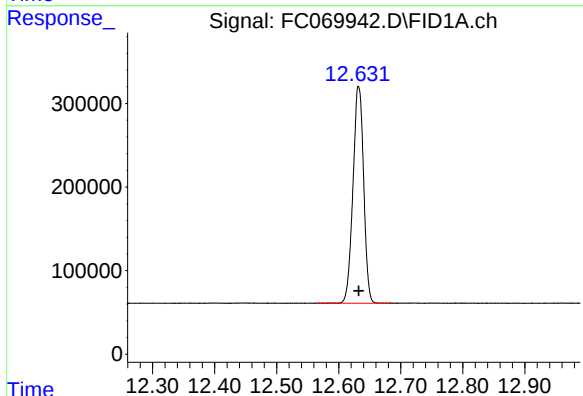
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 3426826
Conc: 19.51 ug/ml

Instrument :

FID_C

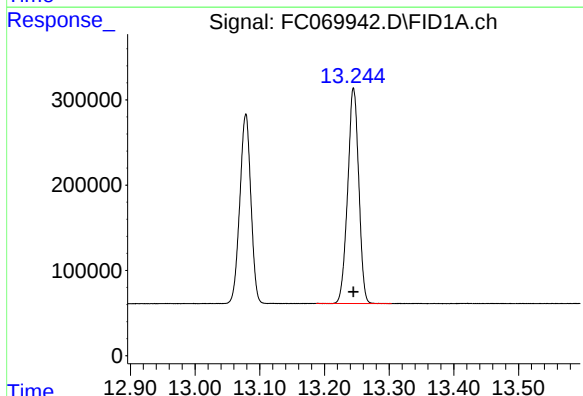
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



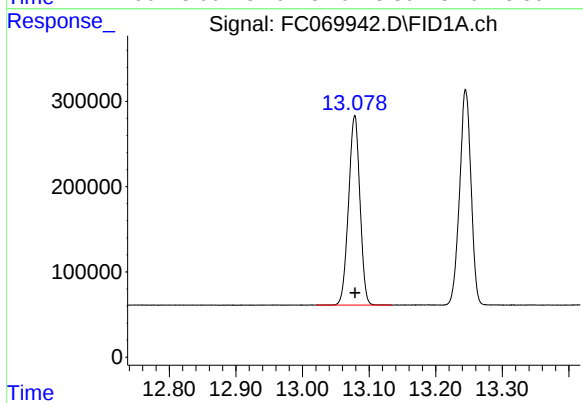
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: 0.000 min
Response: 3100336
Conc: 19.32 ug/ml



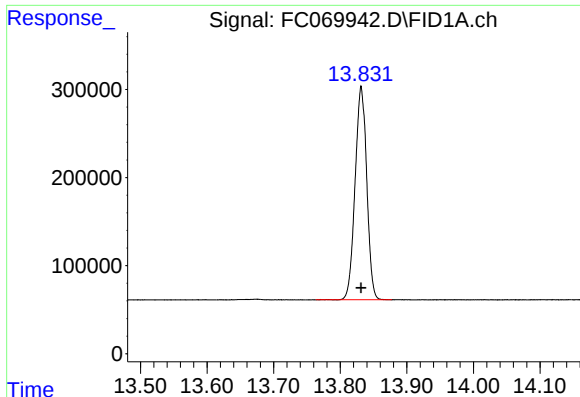
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: 0.000 min
Response: 3008707
Conc: 19.38 ug/ml



#12 1-chlorooctadecane (SURR)

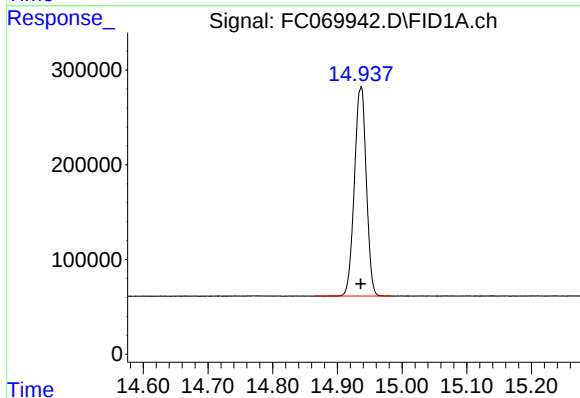
R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 2637598
Conc: 19.43 ug/ml



#13 n-Docosane (C22)

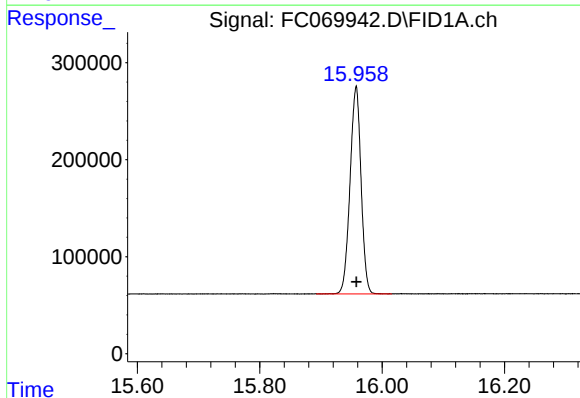
R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 2942368
Conc: 19.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



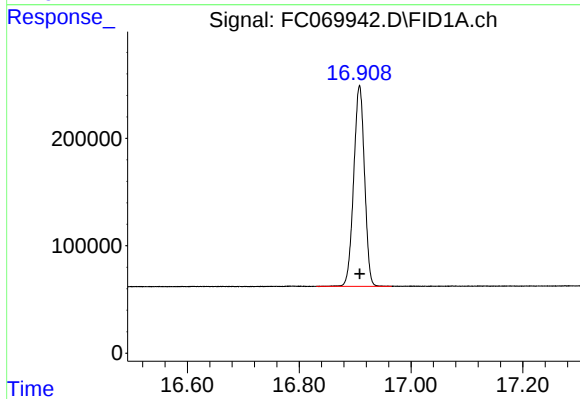
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: 0.000 min
Response: 2823498
Conc: 18.62 ug/ml



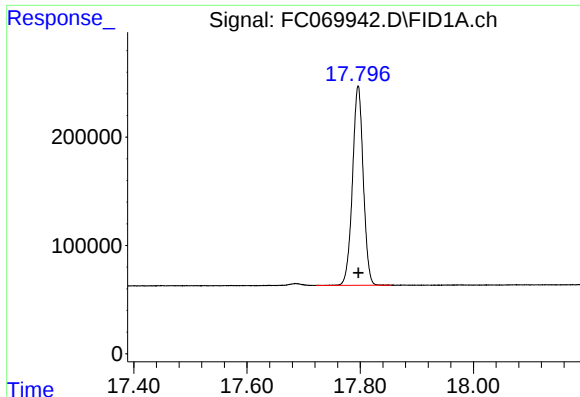
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: 0.000 min
Response: 2666763
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 2509230
Conc: 18.14 ug/ml



#17 n-Tricontane (C30)

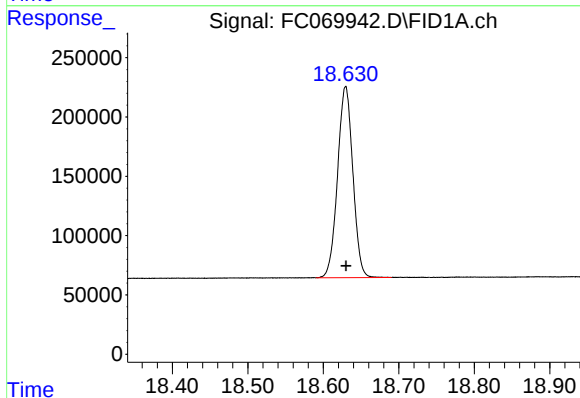
R.T.: 17.796 min
Delta R.T.: 0.000 min
Response: 2433398
Conc: 17.82 ug/ml

Instrument :

FID_C

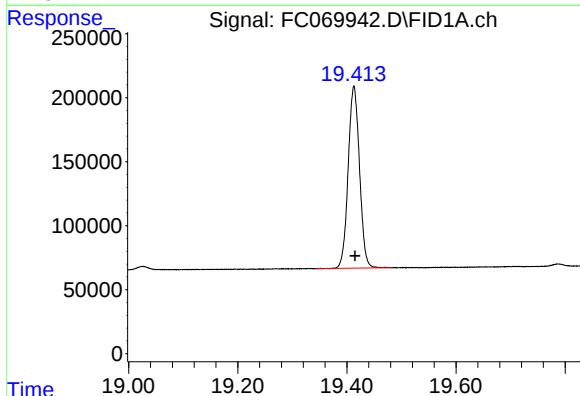
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



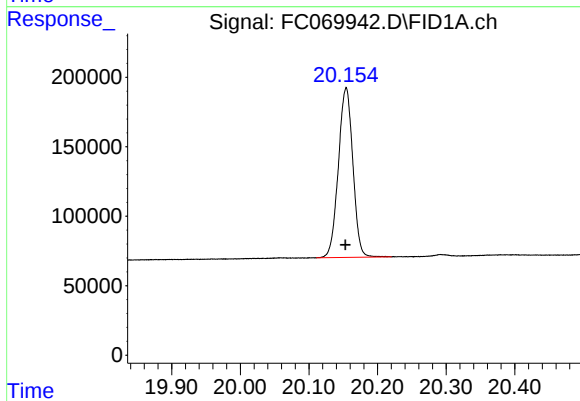
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.000 min
Response: 2267655
Conc: 17.59 ug/ml



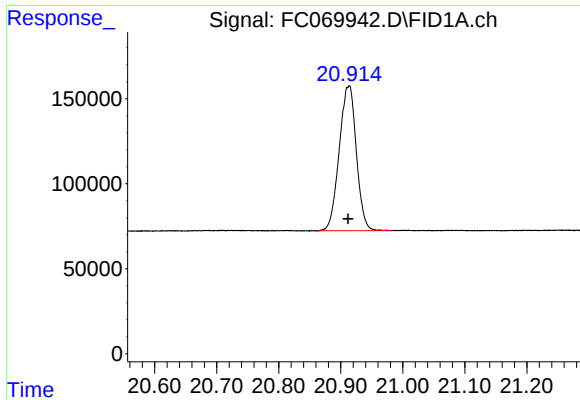
#19 n-Tetatriacontane (C34)

R.T.: 19.413 min
Delta R.T.: -0.002 min
Response: 2049192
Conc: 17.96 ug/ml



#20 n-Hexatriacontane (C36)

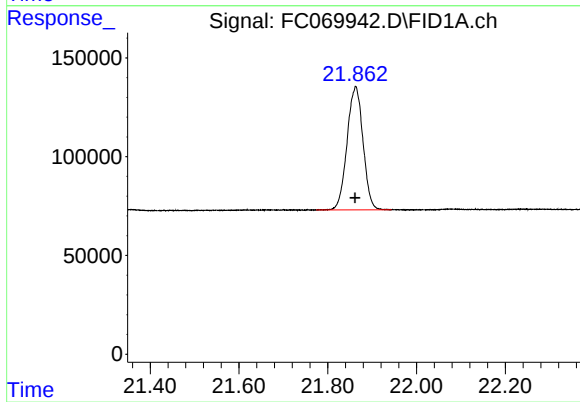
R.T.: 20.154 min
Delta R.T.: 0.000 min
Response: 1789545
Conc: 18.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: 0.001 min
Response: 1635409
Conc: 18.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: 0.001 min
Response: 1551501
Conc: 18.88 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
 Data File : FC069942.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2025 20:02
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.384	3.345	3.435	BB	326047	2690163	78.50%	4.541%
2	4.455	4.422	4.514	BB	312168	2807684	81.93%	4.739%
3	6.048	6.017	6.144	BB	335724	3180233	92.80%	5.368%
4	6.477	6.437	6.539	BB	296904	2978686	86.92%	5.028%
5	7.106	7.067	7.214	BB	314883	3136946	91.54%	5.295%
6	8.275	8.240	8.347	BB	298279	3069732	89.58%	5.181%
7	9.878	9.822	9.960	BB	295818	3247204	94.76%	5.481%
8	11.322	11.215	11.380	BB	274076	3293110	96.10%	5.558%
9	11.643	11.577	11.710	BB	306886	3426826	100.00%	5.784%
10	12.632	12.564	12.685	BB	259116	3100336	90.47%	5.233%
11	13.078	13.020	13.134	BB	222898	2637598	76.97%	4.452%
12	13.245	13.187	13.304	BB	252002	3008707	87.80%	5.078%
13	13.832	13.764	13.877	BB	241087	2942368	85.86%	4.966%
14	14.936	14.867	14.984	BB	219598	2823498	82.39%	4.766%
15	15.957	15.892	16.015	BB	213617	2666763	77.82%	4.501%
16	16.908	16.830	16.965	BB	186423	2509230	73.22%	4.235%
17	17.796	17.722	17.855	BB	184577	2433398	71.01%	4.107%
18	18.630	18.590	18.690	BB	161232	2267655	66.17%	3.828%
19	19.413	19.344	19.482	BB	142309	2049192	59.80%	3.459%
20	20.154	20.110	20.220	BB	121981	1789545	52.22%	3.021%
21	20.913	20.860	20.982	BB	84630	1635409	47.72%	2.760%
22	21.863	21.774	21.944	BB	62588	1551501	45.28%	2.619%
Sum of corrected areas:							59245785	

Aliphatic EPH 100725.M Tue Oct 07 09:58:19 2025

Continuing Calibration Report for SequenceID : FC102425AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC070027.D

Aliphatic C9-C12	8298927.000	60.000	3.278	6.573	138315.450	144785.198	4.469
Aliphatic C12-C16	6300785.000	40.000	6.574	9.974	157519.625	163782.335	3.824
Aliphatic C16-C21	9258409.000	60.000	9.975	13.340	154306.817	161945.502	4.717
Aliphatic C21-C28	11074248.000	80.000	13.341	17.004	138428.100	147142.336	5.922
Aliphatic C28-C40	13271408.000	120.000	17.005	21.957	110595.067	107599.833	-2.784
Aliphatic EPH	48203777.000	360.000	3.278	21.957	133899.381	137884.728	2.890

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	24 Oct 2025 11:53
Client Sample ID:		Operator:	YP/AJ
Data file:	FC070027.D	Misc:	
Instrument:	FID_C	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.278	6.573	8298927.000	60.000	ug/ml
Aliphatic C12-C16	6.574	9.974	6300785.000	40.000	ug/ml
Aliphatic C16-C21	9.975	13.340	9258409.000	60.000	ug/ml
Aliphatic C21-C28	13.341	17.004	11074248.000	80.000	ug/ml
Aliphatic C28-C40	17.005	21.957	13271408.000	120.000	ug/ml
Aliphatic EPH	3.278	21.957	48203777.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070027.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 11:53
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 25 00:17:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.640	3336658	19.001 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
12) S 1-chlorooctadecane (S...	13.074	2523833	18.593 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
Target Compounds			
1) T n-Nonane (C9)	3.378	2587988	18.847 ug/ml
2) T n-Decane (C10)	4.450	2762000	19.212 ug/ml
3) T A~Naphthalene (C11.7)	6.044	3014529	18.652 ug/ml
4) T n-Dodecane (C12)	6.473	2948939	19.239 ug/ml
5) T A~2-methylnaphthalene...	7.102	2949645	18.487 ug/ml
6) T n-Tetradecane (C14)	8.271	3067838	19.289 ug/ml
7) T n-Hexadecane (C16)	9.874	3232947	19.184 ug/ml
8) T n-Octadecane (C18)	11.317	3255821	19.137 ug/ml
10) T n-Eicosane (C20)	12.627	3053337	19.032 ug/ml
11) T n-Heneicosane (C21)	13.240	2949251	18.994 ug/ml
13) T n-Docosane (C22)	13.827	2903543	18.867 ug/ml
14) T n-Tetracosane (C24)	14.932	2835421	18.700 ug/ml
15) T n-Hexacosane (C26)	15.953	2694333	18.615 ug/ml
16) T n-Octacosane (C28)	16.904	2640951	19.095 ug/ml
17) T n-Tricontane (C30)	17.793	2756095	20.186 ug/ml
18) T n-Dotriacontane (C32)	18.626	2725446	21.138 ug/mlm
19) T n-Tetratriacontane (C34)	19.411	2432593	21.320 ug/ml
20) T n-Hexatriacontane (C36)	20.150	2013498	20.820 ug/mlm
21) T n-Octatriacontane (C38)	20.910	1742909	19.997 ug/mlm
22) T n-Tetracontane (C40)	21.857	1600867	19.484 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070027.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 11:53
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

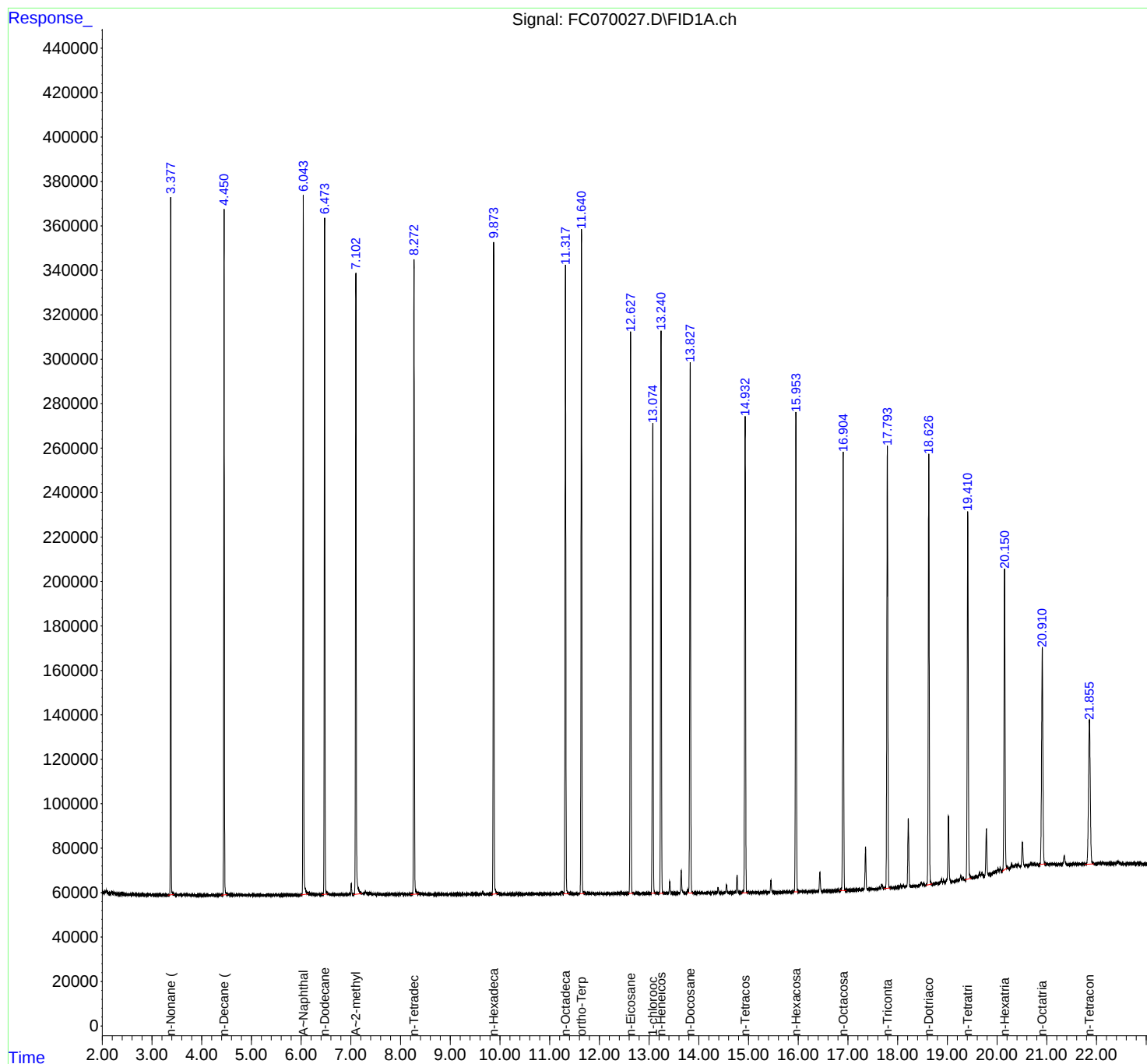
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
Quant Time: Oct 25 00:17:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :
FID_C
LabSampleId :
20 PPM ALIPHATIC HC STD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FID_C
Data File : FC070027.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 11:53
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.378	3.327	3.442	BB	313888	2587988	77.56%	4.311%
2	4.450	4.399	4.517	BB	308797	2762000	82.78%	4.601%
3	6.044	5.992	6.152	BB	314530	3014529	90.35%	5.022%
4	6.473	6.417	6.542	BB	303787	2948939	88.38%	4.913%
5	7.102	7.055	7.227	BB	279929	2949645	88.40%	4.914%
6	8.271	8.207	8.364	BB	283210	3067838	91.94%	5.111%
7	9.874	9.837	9.957	BB	293251	3232947	96.89%	5.386%
8	11.317	11.279	11.394	BV	282757	3255821	97.58%	5.424%
9	11.640	11.604	11.707	BB	300031	3336658	100.00%	5.558%
10	12.627	12.585	12.682	BB	252087	3053337	91.51%	5.087%
11	13.074	13.034	13.129	BB	210935	2523833	75.64%	4.204%
12	13.240	13.204	13.289	BB	252261	2949251	88.39%	4.913%
13	13.827	13.795	13.879	VB	238543	2903543	87.02%	4.837%
14	14.932	14.859	14.994	BB	214235	2835421	84.98%	4.723%
15	15.953	15.912	16.000	BB	215774	2694333	80.75%	4.488%
16	16.904	16.830	16.972	BB	196798	2640951	79.15%	4.400%
17	17.793	17.720	17.850	BB	198699	2756095	82.60%	4.591%
18	18.626	18.583	18.690	M	194033	2733700	81.93%	4.554%
19	19.411	19.352	19.482	BB	164971	2432593	72.91%	4.052%
20	20.151	20.120	20.239	BB	134390	1984446	59.47%	3.306%
21	20.910	20.828	20.980	M	97964	1763459	52.85%	2.938%
22	21.857	21.765	21.954	BB	64658	1600867	47.98%	2.667%
Sum of corrected areas:						60028193		

Aliphatic EPH 100725.M Sat Oct 25 00:18:56 2025

Continuing Calibration Report for SequenceID : FC102425AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC070039.D

Aliphatic C9-C12	8195874.000	60.000	3.278	6.573	136597.900	144785.198	5.655
Aliphatic C12-C16	6186106.000	40.000	6.574	9.974	154652.650	163782.335	5.574
Aliphatic C16-C21	9021881.000	60.000	9.975	13.340	150364.683	161945.502	7.151
Aliphatic C21-C28	10755054.000	80.000	13.341	17.004	134438.175	147142.336	8.634
Aliphatic C28-C40	13211941.000	120.000	17.005	21.957	110099.508	107599.833	-2.323
Aliphatic EPH	47370856.000	360.000	3.278	21.957	131585.711	137884.728	4.568

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	24 Oct 2025 22:12
Client Sample ID:		Operator:	YP/AJ
Data file:	FC070039.D	Misc:	
Instrument:	FID_C	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.278	6.573	8195874.000	60.000	ug/ml
Aliphatic C12-C16	6.574	9.974	6186106.000	40.000	ug/ml
Aliphatic C16-C21	9.975	13.340	9021881.000	60.000	ug/ml
Aliphatic C21-C28	13.341	17.004	10755054.000	80.000	ug/ml
Aliphatic C28-C40	17.005	21.957	13211941.000	120.000	ug/ml
Aliphatic EPH	3.278	21.957	47370856.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070039.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 22:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 27 07:43:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.643	3203821	18.245 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
12) S 1-chlorooctadecane (S...	13.079	2501918	18.431 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T n-Nonane (C9)	3.379	2556871	18.620 ug/ml
2) T n-Decane (C10)	4.452	2725544	18.959 ug/ml
3) T A~Naphthalene (C11.7)	6.047	3019537	18.683 ug/ml
4) T n-Dodecane (C12)	6.476	2913459	19.008 ug/ml
5) T A~2-methylnaphthalene...	7.106	2973176	18.635 ug/ml
6) T n-Tetradecane (C14)	8.273	3016549	18.967 ug/ml
7) T n-Hexadecane (C16)	9.877	3169557	18.808 ug/ml
8) T n-Octadecane (C18)	11.321	3174803	18.661 ug/ml
10) T n-Eicosane (C20)	12.632	2983134	18.594 ug/ml
11) T n-Heneicosane (C21)	13.244	2863944	18.445 ug/ml
13) T n-Docosane (C22)	13.831	2823518	18.347 ug/ml
14) T n-Tetracosane (C24)	14.936	2764287	18.230 ug/ml
15) T n-Hexacosane (C26)	15.958	2616097	18.074 ug/ml
16) T n-Octacosane (C28)	16.910	2551152	18.446 ug/ml
17) T n-Tricontane (C30)	17.798	2685211	19.667 ug/ml
18) T n-Dotriacontane (C32)	18.631	2650523	20.557 ug/mlm
19) T n-Tetratriacontane (C34)	19.416	2435606	21.346 ug/ml
20) T n-Hexatriacontane (C36)	20.157	2023642	20.925 ug/ml
21) T n-Octatriacontane (C38)	20.916	1740775	19.972 ug/ml
22) T n-Tetracontane (C40)	21.867	1676184	20.401 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070039.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 22:12
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

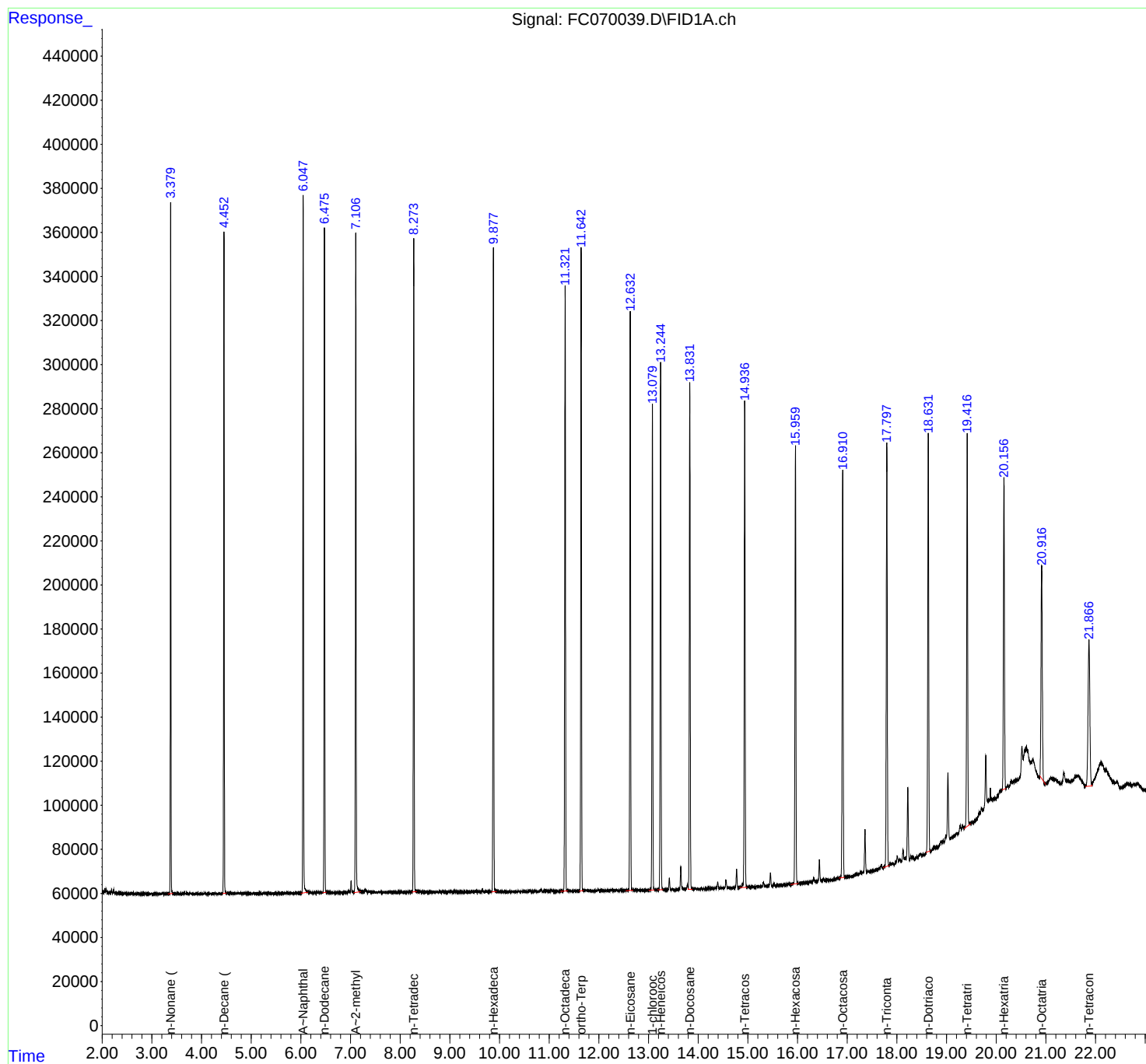
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
Quant Time: Oct 27 07:43:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 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

Instrument :
FID_C
LabSampleId :
20 PPM ALIPHATIC HC STD
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10242
Data File : FC070039.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 22:12
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.379	3.327	3.427	BB	313257	2556871	79.81%	4.327%
2	4.452	4.420	4.504	BB	300309	2725544	85.07%	4.613%
3	6.047	6.005	6.144	BB	316470	3019537	94.25%	5.110%
4	6.476	6.439	6.517	BB	301876	2913459	90.94%	4.931%
5	7.106	7.064	7.207	BB	298221	2973176	92.80%	5.032%
6	8.273	8.234	8.332	BB	296500	3016549	94.15%	5.105%
7	9.877	9.839	9.940	BB	292110	3169557	98.93%	5.364%
8	11.321	11.225	11.374	BB	273365	3174803	99.09%	5.373%
9	11.643	11.604	11.692	BB	291149	3203821	100.00%	5.422%
10	12.632	12.542	12.692	BB	262810	2983134	93.11%	5.048%
11	13.079	13.009	13.124	BB	220468	2501918	78.09%	4.234%
12	13.244	13.185	13.290	BB	238079	2863944	89.39%	4.847%
13	13.831	13.800	13.887	VB	230338	2823518	88.13%	4.778%
14	14.936	14.834	14.990	BB	220156	2764287	86.28%	4.678%
15	15.958	15.865	16.015	BB	198570	2616097	81.66%	4.427%
16	16.910	16.830	16.947	BB	185058	2551152	79.63%	4.317%
17	17.798	17.724	17.847	BV	192184	2685211	83.81%	4.544%
18	18.631	18.589	18.677	M	190409	2670864	83.36%	4.520%
19	19.416	19.359	19.484	VB	177980	2435606	76.02%	4.122%
20	20.157	20.120	20.194	BV	140751	2023642	63.16%	3.425%
21	20.916	20.880	20.997	BV	96577	1740775	54.33%	2.946%
22	21.867	21.794	21.924	PV	66442	1676184	52.32%	2.837%
Sum of corrected areas:						59089650		

Aliphatic EPH 100725.M Mon Oct 27 07:47:55 2025

Continuing Calibration Report for SequenceID :

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID :

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Lab Sample ID:

Acq On:

Client Sample ID:

Operator:

Data file:

Misc:

Instrument:

ALS Vial:

Dilution Factor:

Sample Multiplier:

Compound	R.T.	Response	Conc	Units
				ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
 Data File : FC070042.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2025 10:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 28 03:25:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.643	3652120	20.798 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
12) S 1-chlorooctadecane (S...	13.078	2835220	20.887 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
Target Compounds			
1) T n-Nonane (C9)	3.380	2829299	20.604 ug/ml
2) T n-Decane (C10)	4.452	3041192	21.154 ug/ml
3) T A~Naphthalene (C11.7)	6.046	3322130	20.556 ug/ml
4) T n-Dodecane (C12)	6.475	3223819	21.033 ug/ml
5) T A~2-methylnaphthalene...	7.106	3251084	20.377 ug/ml
6) T n-Tetradecane (C14)	8.273	3319708	20.873 ug/ml
7) T n-Hexadecane (C16)	9.877	3488850	20.703 ug/ml
8) T n-Octadecane (C18)	11.321	3543840	20.830 ug/ml
10) T n-Eicosane (C20)	12.631	3365482	20.977 ug/ml
11) T n-Heneicosane (C21)	13.244	3267898	21.046 ug/ml
13) T n-Docosane (C22)	13.831	3237882	21.040 ug/ml
14) T n-Tetracosane (C24)	14.934	3178830	20.964 ug/ml
15) T n-Hexacosane (C26)	15.957	3039961	21.003 ug/ml
16) T n-Octacosane (C28)	16.908	2960393	21.405 ug/ml
17) T n-Tricontane (C30)	17.797	3127564	22.907 ug/ml
18) T n-Dotriacontane (C32)	18.631	3096890	24.019 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2776548	24.334 ug/ml
20) T n-Hexatriacontane (C36)	20.154	2299215	23.774 ug/ml
21) T n-Octatriacontane (C38)	20.913	2022217	23.202 ug/ml
22) T n-Tetracontane (C40)	21.865	1823047	22.188 ug/ml

(f)=RT Delta > 1/2 Window

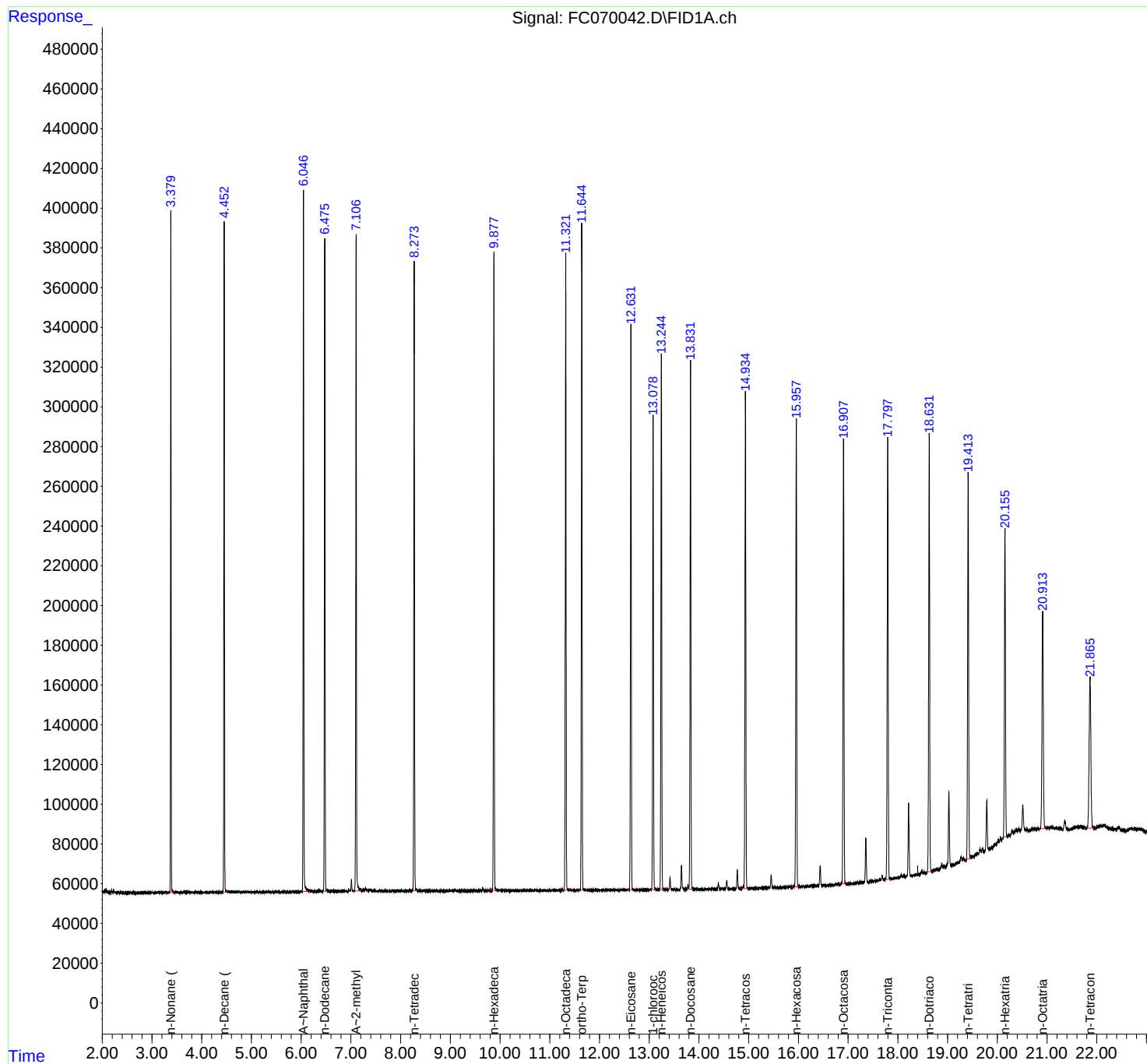
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
Data File : FC070042.D
Signal(s) : FID1A.ch
Acq On : 27 Oct 2025 10:15
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Oct 28 03:25:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
 Data File : FC070042.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2025 10:15
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.380	3.344	3.440	BB	342074	2829299	77.47%	4.242%
2	4.452	4.420	4.514	BB	337798	3041192	83.27%	4.559%
3	6.046	6.017	6.149	BB	352552	3322130	90.96%	4.980%
4	6.475	6.442	6.529	BB	329396	3223819	88.27%	4.833%
5	7.106	7.067	7.209	BB	329885	3251084	89.02%	4.874%
6	8.273	8.234	8.347	BB	317939	3319708	90.90%	4.977%
7	9.877	9.810	9.940	BB	322083	3488850	95.53%	5.230%
8	11.321	11.274	11.382	BB	318877	3543840	97.04%	5.313%
9	11.643	11.584	11.690	BB	335580	3652120	100.00%	5.475%
10	12.631	12.567	12.682	BB	284721	3365482	92.15%	5.045%
11	13.078	13.020	13.129	BB	238322	2835220	77.63%	4.251%
12	13.244	13.177	13.290	BB	269443	3267898	89.48%	4.899%
13	13.831	13.799	13.882	VB	266091	3237882	88.66%	4.854%
14	14.934	14.845	14.980	BB	250356	3178830	87.04%	4.766%
15	15.957	15.874	16.007	BB	234008	3039961	83.24%	4.557%
16	16.908	16.870	16.972	BB	222709	2960393	81.06%	4.438%
17	17.797	17.724	17.852	BB	222514	3127564	85.64%	4.689%
18	18.631	18.590	18.687	BB	218704	3096890	84.80%	4.643%
19	19.414	19.350	19.480	BB	193852	2776548	76.03%	4.163%
20	20.154	20.120	20.197	BV	154742	2299215	62.96%	3.447%
21	20.913	20.860	20.985	BB	109578	2022217	55.37%	3.032%
22	21.865	21.777	21.954	BB	76064	1823047	49.92%	2.733%
Sum of corrected areas:							66703188	

Aliphatic EPH 100725.M Tue Oct 28 04:03:10 2025

Continuing Calibration Report for SequenceID : FC102725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC070046.D

Aliphatic C9-C12	8605168.000	60.000	3.280	6.575	143419.467	144785.198	0.943
Aliphatic C12-C16	6532461.000	40.000	6.576	9.977	163311.525	163782.335	0.287
Aliphatic C16-C21	9738516.000	60.000	9.978	13.344	162308.600	161945.502	-0.224
Aliphatic C21-C28	11737158.000	80.000	13.345	17.008	146714.475	147142.336	0.291
Aliphatic C28-C40	14381230.000	120.000	17.009	21.965	119843.583	107599.833	-11.379
Aliphatic EPH	50994533.000	360.000	3.280	21.965	141651.481	137884.728	-2.732

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	27 Oct 2025 13:34
Client Sample ID:		Operator:	YP/AJ
Data file:	FC070046.D	Misc:	
Instrument:	FID_C	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.280	6.575	8605168.000	60.000	ug/ml
Aliphatic C12-C16	6.576	9.977	6532461.000	40.000	ug/ml
Aliphatic C16-C21	9.978	13.344	9738516.000	60.000	ug/ml
Aliphatic C21-C28	13.345	17.008	11737158.000	80.000	ug/ml
Aliphatic C28-C40	17.009	21.965	14381230.000	120.000	ug/ml
Aliphatic EPH	3.280	21.965	50994533.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
 Data File : FC070046.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2025 13:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 28 03:26:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.643	3480661	19.821 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
12) S 1-chlorooctadecane (S...	13.077	2718824	20.029 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.381	2663496	19.397 ug/ml
2) T n-Decane (C10)	4.452	2871582	19.975 ug/ml
3) T A~Naphthalene (C11.7)	6.047	3184083	19.702 ug/ml
4) T n-Dodecane (C12)	6.475	3070090	20.030 ug/ml
5) T A~2-methylnaphthalene...	7.106	3136993	19.661 ug/ml
6) T n-Tetradecane (C14)	8.273	3178233	19.983 ug/ml
7) T n-Hexadecane (C16)	9.876	3354228	19.904 ug/ml
8) T n-Octadecane (C18)	11.320	3402757	20.001 ug/ml
10) T n-Eicosane (C20)	12.630	3220288	20.072 ug/ml
11) T n-Heneicosane (C21)	13.244	3115471	20.064 ug/ml
13) T n-Docosane (C22)	13.831	3079033	20.007 ug/ml
14) T n-Tetracosane (C24)	14.936	3015656	19.888 ug/ml
15) T n-Hexacosane (C26)	15.957	2862558	19.777 ug/ml
16) T n-Octacosane (C28)	16.907	2779911	20.100 ug/ml
17) T n-Tricontane (C30)	17.797	2958405	21.668 ug/ml
18) T n-Dotriacontane (C32)	18.629	2921568	22.660 ug/ml
19) T n-Tetratriacontane (C34)	19.415	2642471	23.159 ug/ml
20) T n-Hexatriacontane (C36)	20.155	2169990	22.438 ug/ml
21) T n-Octatriacontane (C38)	20.913	1906057	21.869 ug/ml
22) T n-Tetracontane (C40)	21.867	1782739	21.698 ug/ml

(f)=RT Delta > 1/2 Window

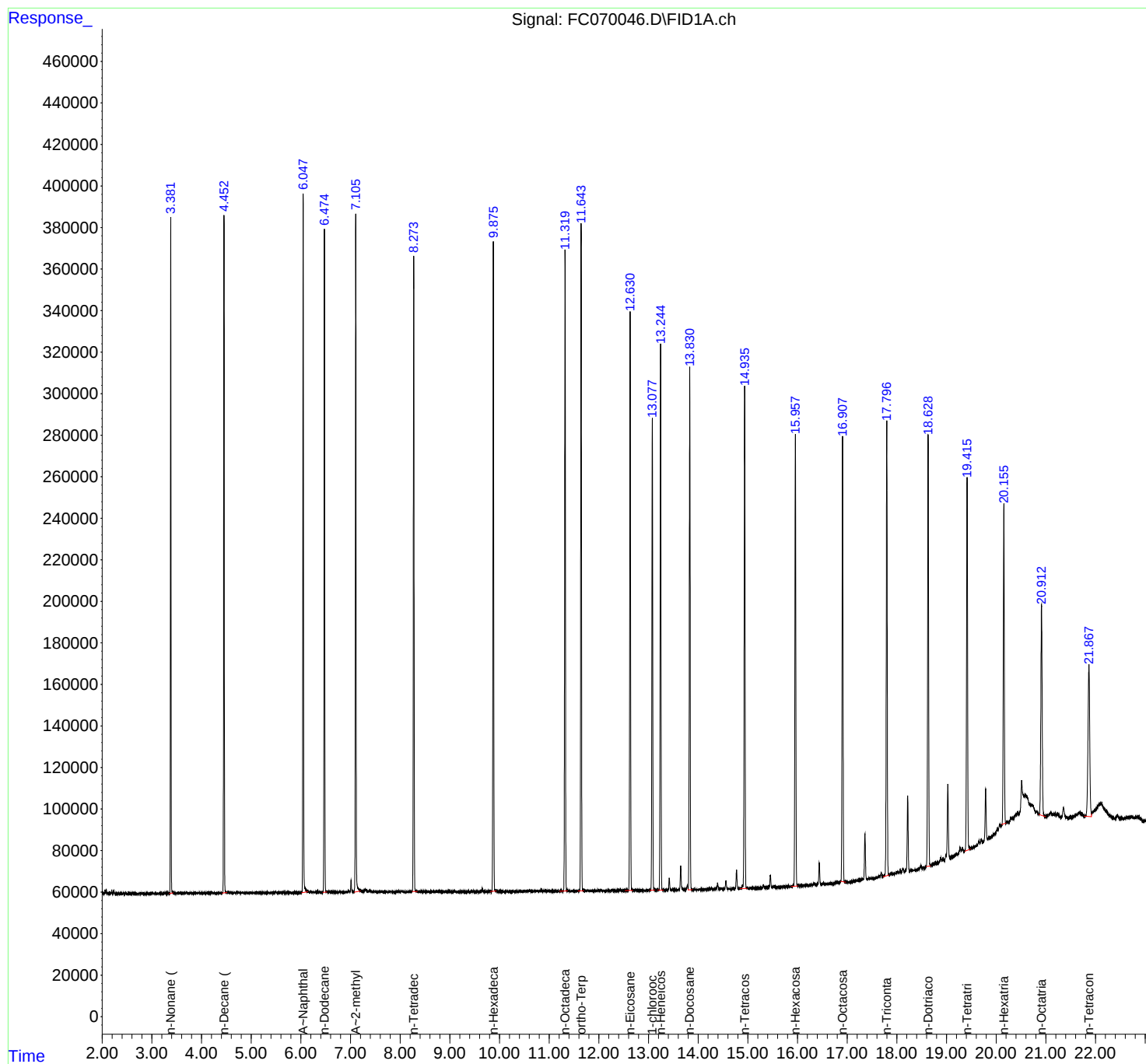
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
Data File : FC070046.D
Signal(s) : FID1A.ch
Acq On : 27 Oct 2025 13:34
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Oct 28 03:26:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
 Data File : FC070046.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2025 13:34
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.381	3.347	3.435	BB	325063	2663496	76.52%	4.193%
2	4.452	4.415	4.508	BB	325912	2871582	82.50%	4.521%
3	6.047	6.015	6.142	BB	336606	3184083	91.48%	5.013%
4	6.475	6.440	6.528	BB	319487	3070090	88.20%	4.834%
5	7.106	7.067	7.203	BB	325615	3136993	90.13%	4.939%
6	8.273	8.238	8.347	BB	307492	3178233	91.31%	5.004%
7	9.876	9.817	9.935	BB	312119	3354228	96.37%	5.281%
8	11.320	11.205	11.373	BB	306661	3402757	97.76%	5.357%
9	11.643	11.575	11.697	BB	321399	3480661	100.00%	5.480%
10	12.630	12.532	12.685	BB	278066	3220288	92.52%	5.070%
11	13.077	13.020	13.132	BB	227124	2718824	78.11%	4.281%
12	13.244	13.187	13.300	BB	261633	3115471	89.51%	4.905%
13	13.831	13.797	13.882	VB	251535	3079033	88.46%	4.848%
14	14.936	14.835	14.990	BB	241558	3015656	86.64%	4.748%
15	15.957	15.873	16.013	BB	216455	2862558	82.24%	4.507%
16	16.907	16.870	16.975	BB	214993	2779911	79.87%	4.377%
17	17.797	17.733	17.850	BV	218575	2958405	85.00%	4.658%
18	18.629	18.590	18.683	BV	208218	2921568	83.94%	4.600%
19	19.415	19.365	19.487	BV	179443	2642471	75.92%	4.160%
20	20.155	20.120	20.195	BV	153650	2169990	62.34%	3.416%
21	20.913	20.860	20.997	BB	100848	1906057	54.76%	3.001%
22	21.867	21.775	21.918	BV	73004	1782739	51.22%	2.807%
Sum of corrected areas:							63515094	

Aliphatic EPH 100725.M Tue Oct 28 04:04:47 2025



QC SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	49 Moore Place Belleville		Date Received:	
Client Sample ID:	PB170249BL		SDG No.:	Q3410
Lab Sample ID:	PB170249BL		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 2000 uL	Test:	EPH_F2
Prep Method :		Prep Date : 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FC070028.D	10/24/25 14:00	PB170249
Total EPH	Total EPH	0.91	U		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:	49 Moore Place Belleville		Date Received:	
Client Sample ID:	PB170249BL		SDG No.:	Q3410
Lab Sample ID:	PB170249BL		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	10/24/25	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	10/24/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	10/24/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	31.8			40 - 140	64%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	33.6			40 - 140	67%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170249BL	Acq On:	24 Oct 2025 14:00
Client Sample ID:	PB170249BL	Operator:	YP/AJ
Data file:	FC070028.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.278	6.573	0	0	300	ug/ml
Aliphatic C12-C16	6.574	9.974	0	0	200	ug/ml
Aliphatic C16-C21	9.975	13.340	0	0	300	ug/ml
Aliphatic C21-C28	13.341	17.004	0	0	400	ug/ml
Aliphatic C28-C40	17.005	21.957	0	0	600	ug/ml
Aliphatic EPH	3.278	21.957	0	0		ug/ml
ortho-Terphenyl (SURR)	11.641	11.641	5895505	33.57		ug/ml
1-chlorooctadecane (SURR)	13.076	13.076	4313222	31.78		ug/ml
Aliphatic C9-C28	3.278	17.004	0	0	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070028.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 14:00
 Operator : YP/AJ
 Sample : PB170249BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170249BL

Integration File: sample.E
 Quant Time: Oct 24 16:08:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.641	5895505	33.573 ug/ml
Spiked Amount 50.000		Recovery =	67.15%
12) S 1-chlorooctadecane (S...	13.076	4313222	31.775 ug/ml
Spiked Amount 50.000		Recovery =	63.55%

Target Compounds

(f)=RT Delta > 1/2 Window

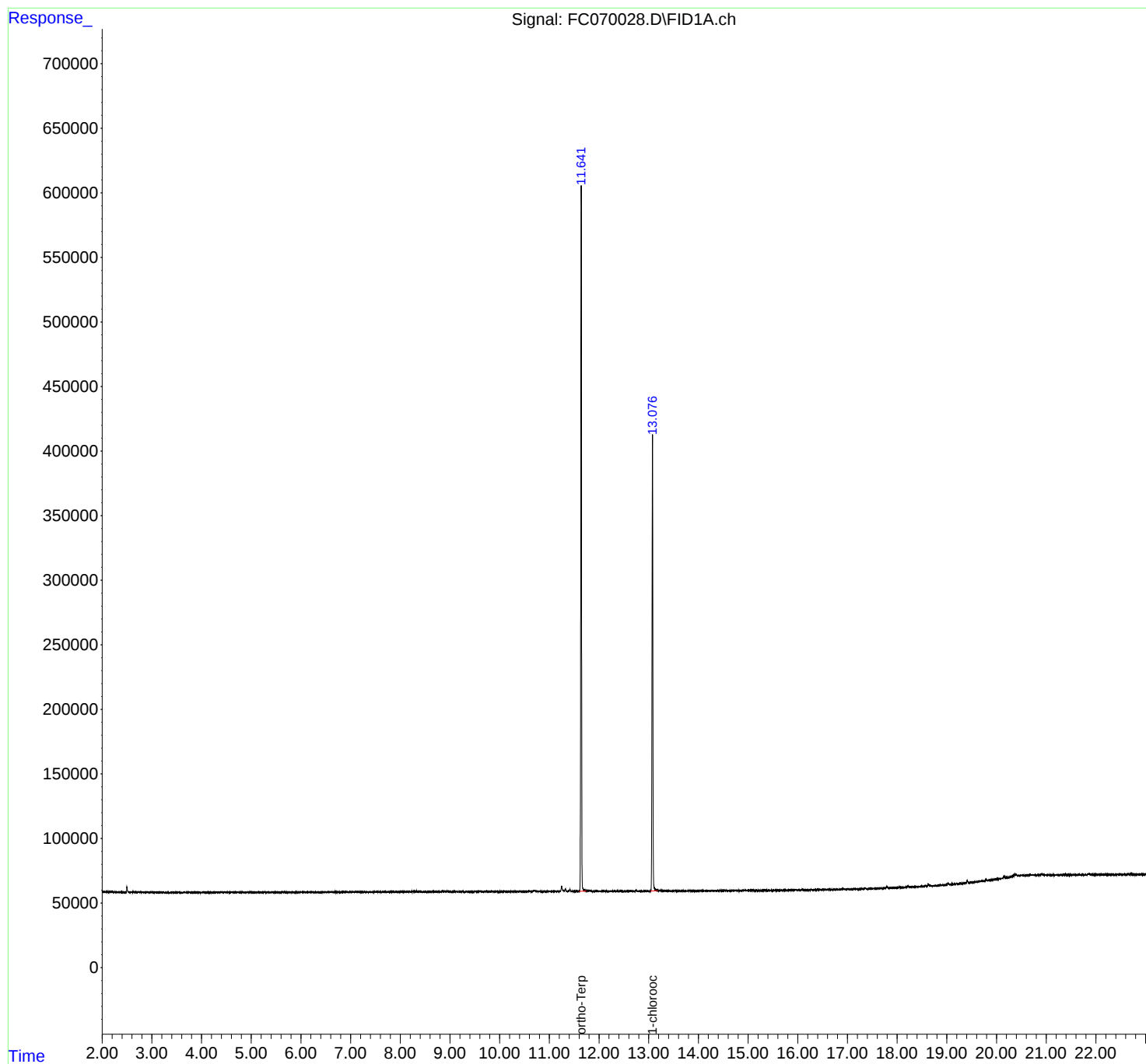
(m)=manual int.

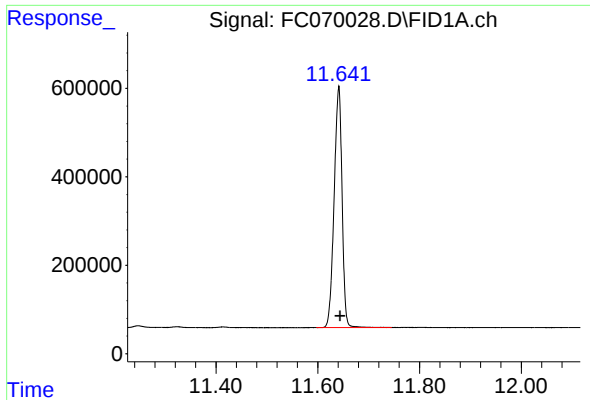
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070028.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 14:00
Operator : YP/AJ
Sample : PB170249BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB170249BL

Integration File: sample.E
Quant Time: Oct 24 16:08:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

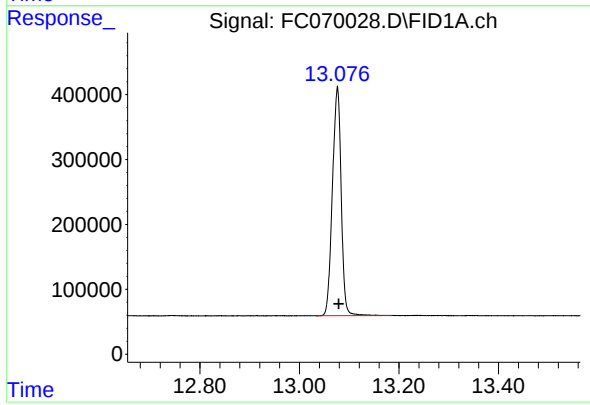




#9 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.003 min
Response: 5895505
Conc: 33.57 ug/ml

Instrument :
FID_C
ClientSampleId :
PB170249BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.076 min
Delta R.T.: -0.003 min
Response: 4313222
Conc: 31.78 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070028.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 14:00
Sample : PB170249BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	11.641	11.597	11.745	BB	539141	5895505	100.00%	57.750%
2	13.076	13.034	13.185	BB	349689	4313222	73.16%	42.250%
Sum of corrected areas:						10208727		

Aliphatic EPH 100725.M Sat Oct 25 00:19:16 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	49 Moore Place Belleville		Date Received:	
Client Sample ID:	PB170249BS		SDG No.:	Q3410
Lab Sample ID:	PB170249BS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 2000 uL	Test:	EPH_F2
Prep Method :		Prep Date : 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	53.4		1	0.91	3.99	mg/kg	FC070029.D	10/24/25 14:39	PB170249
Total EPH	Total EPH	53.4			0.91	3.99	mg/kg			

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	49 Moore Place Belleville		Date Received:	
Client Sample ID:	PB170249BS		SDG No.:	Q3410
Lab Sample ID:	PB170249BS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	10/24/25	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	53.4	1		0.91	3.99	mg/kg	10/24/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	17.5	1		1.18	2.00	mg/kg	10/24/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	33.6			40 - 140	67%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	32.9			40 - 140	66%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170249BS	Acq On:	24 Oct 2025 14:39
Client Sample ID:	PB170249BS	Operator:	YP/AJ
Data file:	FC070029.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.278	6.573	22344798	154.331	300	ug/ml
Aliphatic C12-C16	6.574	9.974	29912082	182.633	200	ug/ml
Aliphatic C16-C21	9.975	13.340	32937944	203.389	300	ug/ml
Aliphatic C21-C28	13.341	17.004	38133416	259.16	400	ug/ml
Aliphatic C28-C40	17.005	21.957	28262219	262.66	600	ug/ml
Aliphatic EPH	3.278	21.957	151590459	1060		ug/ml
ortho-Terphenyl (SURR)	11.642	11.642	5782227	32.93		ug/ml
1-chlorooctadecane (SURR)	13.076	13.076	4561234	33.6		ug/ml
Aliphatic C9-C28	3.278	17.004	123328240	799.513	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070029.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 14:39
 Operator : YP/AJ
 Sample : PB170249BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170249BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 24 16:08:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.642	5782227	32.928 ug/ml
Spiked Amount 50.000		Recovery =	65.86%
12) S 1-chlorooctadecane (S...	13.076	4561234	33.602 ug/ml
Spiked Amount 50.000		Recovery =	67.20%
Target Compounds			
1) T n-Nonane (C9)	3.390	3754001	27.338 ug/ml
2) T n-Decane (C10)	4.456	4047758	28.156 ug/ml
3) T A~Naphthalene (C11.7)	6.046	5160382	31.930 ug/ml
4) T n-Dodecane (C12)	6.475	4473163	29.184 ug/ml
5) T A~2-methylnaphthalene...	7.104	4717708	29.569 ug/ml
6) T n-Tetradecane (C14)	8.273	4704933	29.583 ug/ml
7) T n-Hexadecane (C16)	9.875	4768756	28.298 ug/ml
8) T n-Octadecane (C18)	11.318	4744940	27.890 ug/ml
10) T n-Eicosane (C20)	12.629	4655901	29.021 ug/ml
11) T n-Heneicosane (C21)	13.242	4551374	29.312 ug/ml
13) T n-Docosane (C22)	13.829	4450544	28.919 ug/ml
14) T n-Tetracosane (C24)	14.926	8693233	57.332 ug/ml
15) T n-Hexacosane (C26)	15.956	4098139	28.314 ug/ml
16) T n-Octacosane (C28)	16.903	4015888	29.037 ug/mlm
17) T n-Tricontane (C30)	17.795	3767936	27.597 ug/ml
18) T n-Dotriacontane (C32)	18.627	3498595	27.135 ug/ml
19) T n-Tetratriacontane (C34)	19.410	3114638	27.298 ug/ml
20) T n-Hexatriacontane (C36)	20.151	2486604	25.712 ug/ml
21) T n-Octatriacontane (C38)	20.908	2110435	24.214 ug/ml
22) T n-Tetracontane (C40)	21.860	1835112	22.335 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070029.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 14:39
Operator : YP/AJ
Sample : PB170249BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

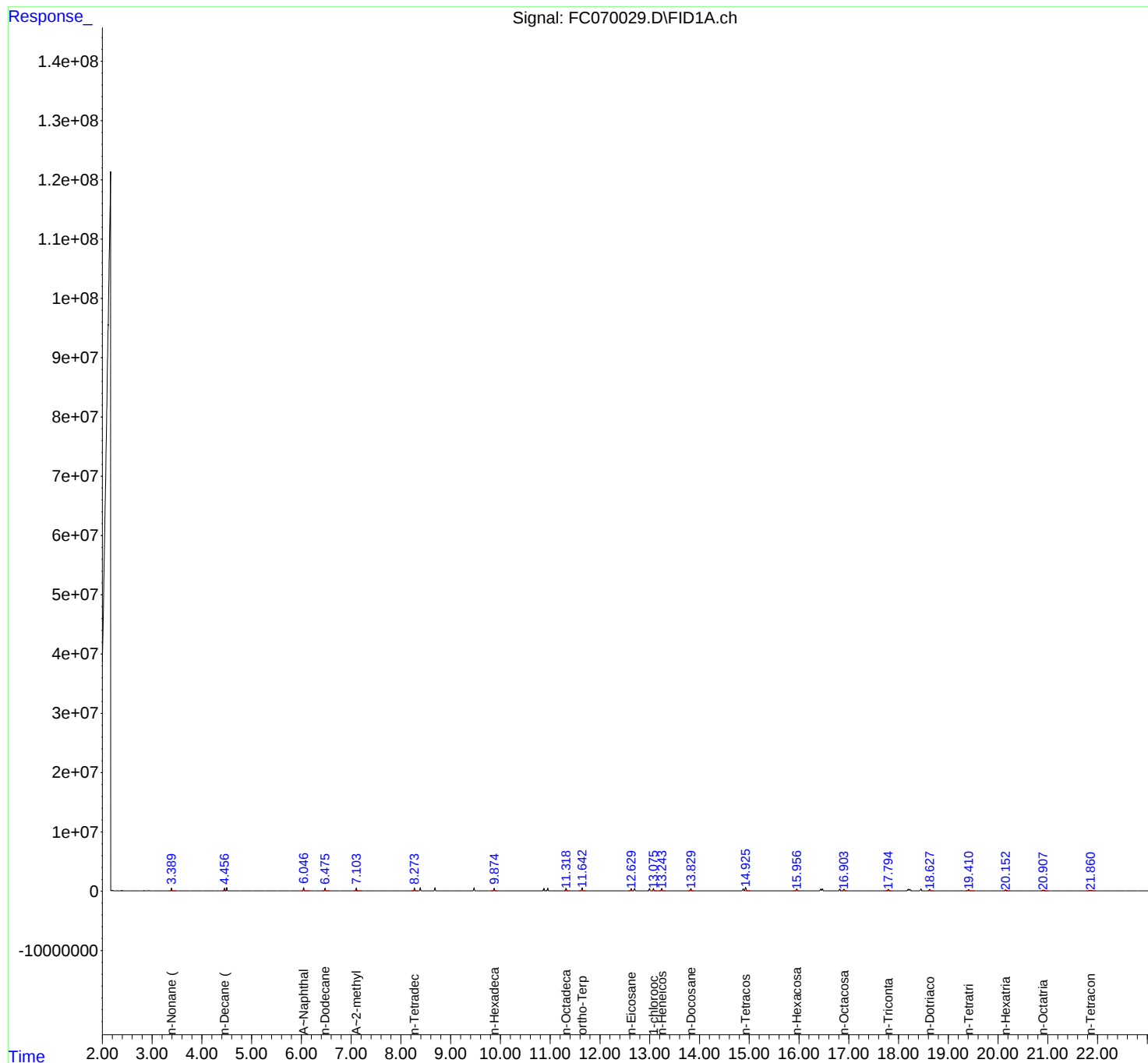
Instrument :
FID_C
ClientSampleId :
PB170249BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
Quant Time: Oct 24 16:08:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 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

Instrument :

FID_C

ClientSampleId :

PB170249BS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10242
Data File : FC070029.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 14:39
Sample : PB170249BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.390	3.339	3.485	BB	449856	3754001	43.18%	2.318%
2	4.456	4.405	4.479	BV	457636	4047758	46.56%	2.500%
3	4.501	4.479	4.547	VV	559088	4909494	56.47%	3.032%
4	6.046	5.990	6.164	BB	539563	5160382	59.36%	3.187%
5	6.475	6.417	6.569	BB	436113	4473163	51.46%	2.762%
6	7.104	7.055	7.219	BV	466451	4717708	54.27%	2.913%
7	8.273	8.214	8.344	BB	460718	4704933	54.12%	2.905%
8	8.388	8.344	8.495	BB	530026	5284873	60.79%	3.264%
9	8.685	8.630	8.799	BB	542623	5251591	60.41%	3.243%
10	9.470	9.410	9.582	BB	477719	5184221	59.64%	3.201%
11	9.875	9.809	9.937	BB	442270	4768756	54.86%	2.945%
12	10.875	10.792	10.920	BV	439466	4863227	55.94%	3.003%
13	10.951	10.920	11.054	VB	436091	4803982	55.26%	2.967%
14	11.318	11.277	11.390	VB	419091	4744940	54.58%	2.930%
15	11.642	11.570	11.719	BB	514735	5782227	66.51%	3.571%
16	12.629	12.570	12.662	BV	393432	4655901	53.56%	2.875%
17	12.697	12.662	12.799	VB	407771	4684736	53.89%	2.893%
18	12.997	12.929	13.036	BV	410577	4633784	53.30%	2.862%
19	13.076	13.036	13.147	VB	376733	4561234	52.47%	2.817%
20	13.242	13.175	13.315	BB	399002	4551374	52.36%	2.811%
21	13.829	13.759	13.892	BB	359542	4450544	51.20%	2.748%
22	14.879	14.812	14.898	BV	337950	4293887	49.39%	2.652%
23	14.926	14.898	15.027	VB	581242	8693233	100.00%	5.368%
24	15.956	15.867	16.007	BB	319613	4098139	47.14%	2.531%
25	16.438	16.367	16.455	BV	304387	4202699	48.34%	2.595%
26	16.473	16.455	16.569	VB	349126	4266067	49.07%	2.634%
27	16.819	16.764	16.865	M	309050	4108027	47.26%	2.537%
28	16.903	16.872	17.012	M	282801	4020820	46.25%	2.483%
29	17.795	17.719	17.867	BB	263157	3767936	43.34%	2.327%
30	18.195	18.124	18.210	BV	268296	3712538	42.71%	2.293%
31	18.230	18.210	18.380	VB	262445	3826729	44.02%	2.363%
32	18.452	18.389	18.574	BV	284560	3941060	45.33%	2.434%
33	18.627	18.583	18.683	M	251374	3510569	40.38%	2.168%
34	19.410	19.342	19.532	BB	203058	3114638	35.83%	1.923%
35	20.152	20.109	20.247	M	156039	2485823	28.59%	1.535%
36	20.907	20.863	20.963	M	110733	2067814	23.79%	1.277%

37 21.860 21.774 21.960 BB 70459 1835112 21.11% 1.133%
Sum of corrected areas: 1619

Aliphatic EPH 100725.M Sat Oct 25 00:20:34 2025

Instrument :

FID_C

ClientSampleId :

PB170249BS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	49 Moore Place Belleville		Date Received:	
Client Sample ID:	PB170249BSD		SDG No.:	Q3410
Lab Sample ID:	PB170249BSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 2000 uL	Test:	EPH_F2
Prep Method :		Prep Date : 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	53.9		1	0.91	3.99	mg/kg	FC070030.D	10/24/25 15:20	PB170249
Total EPH	Total EPH	53.9			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:	49 Moore Place Belleville		Date Received:	
Client Sample ID:	PB170249BSD		SDG No.:	Q3410
Lab Sample ID:	PB170249BSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 2000 uL	Test:	EPH_F2
Prep Method :		Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	53.9	1		0.91	3.99	mg/kg	10/24/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	17.8	1		1.18	2.00	mg/kg	10/24/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURRE)	33.9			40 - 140	68%	SPK: 50		
84-15-1	ortho-Terphenyl (SURRE)	33.2			40 - 140	66%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170249BSD	Acq On:	24 Oct 2025 15:20
Client Sample ID:	PB170249BSD	Operator:	YP/AJ
Data file:	FC070030.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.278	6.573	22717910	156.908	300	ug/ml
Aliphatic C12-C16	6.574	9.974	30329593	185.182	200	ug/ml
Aliphatic C16-C21	9.975	13.340	33261186	205.385	300	ug/ml
Aliphatic C21-C28	13.341	17.004	38535379	261.892	400	ug/ml
Aliphatic C28-C40	17.005	21.957	28701053	266.739	600	ug/ml
Aliphatic EPH	3.278	21.957	153545121	1080		ug/ml
ortho-Terphenyl (SURR)	11.642	11.642	5835515	33.23		ug/ml
1-chlorooctadecane (SURR)	13.077	13.077	4595101	33.85		ug/ml
Aliphatic C9-C28	3.278	17.004	124844068	809.367	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070030.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 15:20
 Operator : YP/AJ
 Sample : PB170249BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170249BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 24 16:09:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.642	5835515	33.231 ug/ml
Spiked Amount 50.000		Recovery =	66.46%
12) S 1-chlorooctadecane (S...	13.077	4595101	33.852 ug/ml
Spiked Amount 50.000		Recovery =	67.70%
Target Compounds			
1) T n-Nonane (C9)	3.391	3816348	27.792 ug/ml
2) T n-Decane (C10)	4.457	4120440	28.662 ug/ml
3) T A~Naphthalene (C11.7)	6.047	5242996	32.441 ug/ml
4) T n-Dodecane (C12)	6.475	4548345	29.674 ug/ml
5) T A~2-methylnaphthalene...	7.104	4784955	29.990 ug/ml
6) T n-Tetradecane (C14)	8.273	4771784	30.003 ug/ml
7) T n-Hexadecane (C16)	9.875	4828978	28.655 ug/ml
8) T n-Octadecane (C18)	11.319	4797757	28.201 ug/ml
10) T n-Eicosane (C20)	12.630	4701725	29.306 ug/ml
11) T n-Heneicosane (C21)	13.242	4584754	29.527 ug/ml
13) T n-Docosane (C22)	13.830	4468709	29.037 ug/ml
14) T n-Tetracosane (C24)	14.926	8760273	57.774 ug/ml
15) T n-Hexacosane (C26)	15.956	4118229	28.453 ug/ml
16) T n-Octacosane (C28)	16.905	4016495	29.041 ug/mlm
17) T n-Tricontane (C30)	17.795	3756831	27.516 ug/ml
18) T n-Dotriacontane (C32)	18.627	3475748	26.958 ug/ml
19) T n-Tetratriacontane (C34)	19.412	3104955	27.213 ug/ml
20) T n-Hexatriacontane (C36)	20.151	2484831	25.693 ug/ml
21) T n-Octatriacontane (C38)	20.907	2110207	24.211 ug/ml
22) T n-Tetracontane (C40)	21.860	1861156	22.652 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070030.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 15:20
Operator : YP/AJ
Sample : PB170249BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

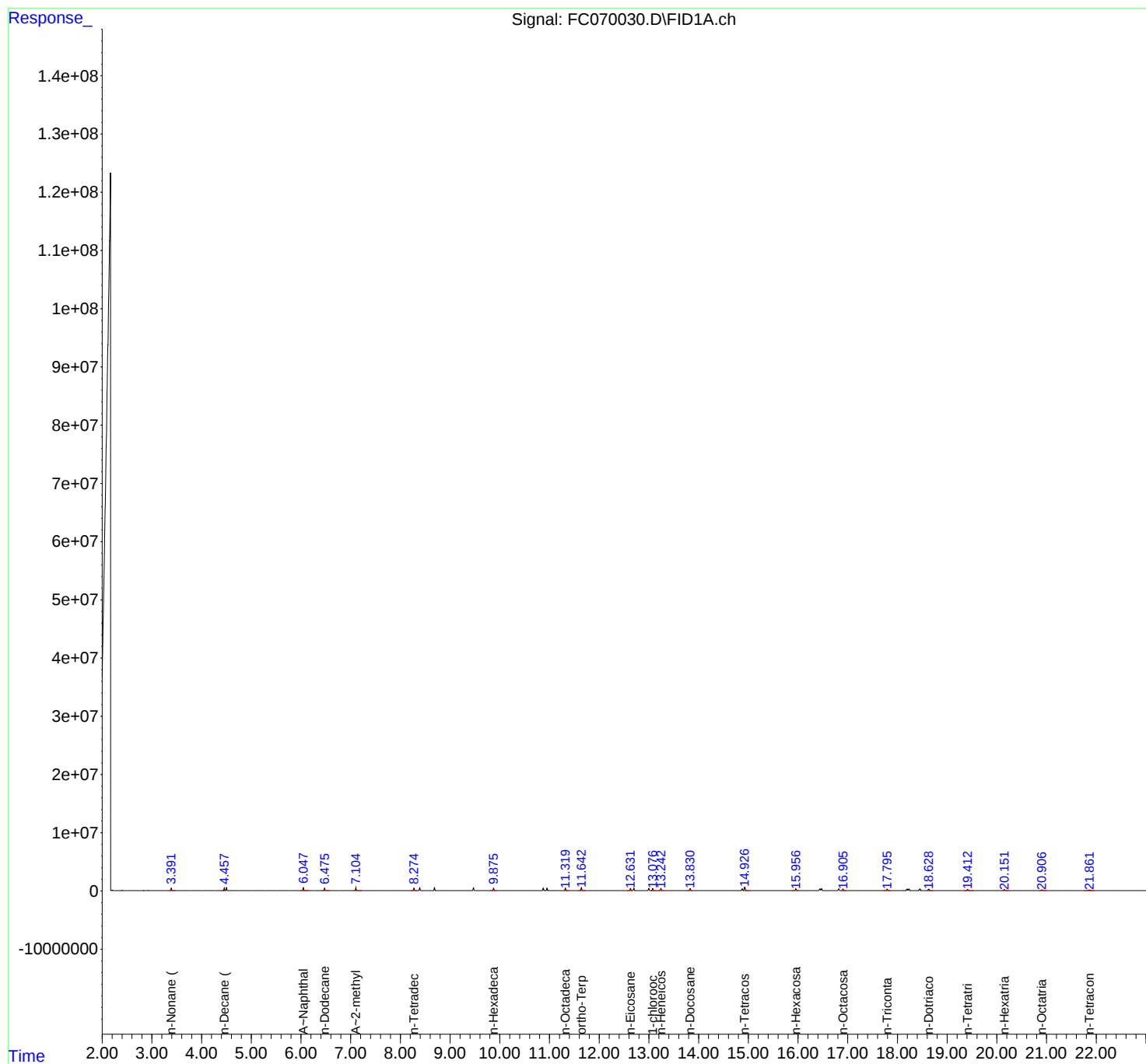
Instrument :
FID_C
ClientSampleId :
PB170249BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
Quant Time: Oct 24 16:09:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 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

Instrument :

FID_C

ClientSampleId :

PB170249BSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10242
Data File : FC070030.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 15:20
Sample : PB170249BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.391	3.342	3.484	BB	457311	3816348	43.56%	2.327%
2	4.457	4.399	4.480	BV	461989	4120440	47.04%	2.513%
3	4.501	4.480	4.547	VV	553544	4989781	56.96%	3.043%
4	6.047	5.985	6.160	BB	540697	5242996	59.85%	3.197%
5	6.475	6.414	6.570	BB	462033	4548345	51.92%	2.774%
6	7.104	7.057	7.219	BV	470013	4784955	54.62%	2.918%
7	8.273	8.207	8.344	BB	455426	4771784	54.47%	2.910%
8	8.389	8.347	8.502	BB	523249	5365750	61.25%	3.272%
9	8.686	8.627	8.792	BB	516533	5323509	60.77%	3.247%
10	9.471	9.414	9.579	BB	492239	5254617	59.98%	3.205%
11	9.875	9.807	9.932	BB	437611	4828978	55.12%	2.945%
12	10.876	10.799	10.918	BV	461894	4920571	56.17%	3.001%
13	10.951	10.918	11.075	VB	440187	4873590	55.63%	2.972%
14	11.319	11.284	11.387	BB	429782	4797757	54.77%	2.926%
15	11.642	11.582	11.725	BB	535080	5835515	66.61%	3.559%
16	12.630	12.562	12.664	BV	403467	4701725	53.67%	2.867%
17	12.698	12.664	12.795	VB	410780	4721214	53.89%	2.879%
18	12.998	12.929	13.035	BV	405510	4661575	53.21%	2.843%
19	13.077	13.035	13.144	VB	392816	4595101	52.45%	2.802%
20	13.242	13.184	13.300	BB	391119	4584754	52.34%	2.796%
21	13.830	13.765	13.880	BB	355769	4468709	51.01%	2.725%
22	14.879	14.810	14.899	BV	328500	4352504	49.68%	2.654%
23	14.926	14.899	15.027	VB	604381	8760273	100.00%	5.342%
24	15.956	15.875	16.015	BB	310869	4118229	47.01%	2.511%
25	16.440	16.369	16.455	BV	308727	4271138	48.76%	2.605%
26	16.473	16.455	16.577	VB	366495	4339845	49.54%	2.647%
27	16.822	16.777	16.867	M	325728	4181181	47.73%	2.550%
28	16.905	16.870	16.971	M	294552	4043500	46.16%	2.466%
29	17.795	17.717	17.864	BB	268029	3756831	42.88%	2.291%
30	18.196	18.130	18.212	BV	288221	3879879	44.29%	2.366%
31	18.233	18.212	18.380	VB	277186	4040315	46.12%	2.464%
32	18.453	18.385	18.523	M	288154	4012053	45.80%	2.447%
33	18.628	18.578	18.690	M	254908	3485848	39.79%	2.126%
34	19.412	19.344	19.537	BB	207168	3104955	35.44%	1.894%
35	20.151	20.120	20.240	BB	157800	2408970	27.50%	1.469%
36	20.906	20.865	20.956	M	116111	2151046	24.55%	1.312%

37 21.860 21.764 21.964 BB 71365 1861156 21.25% 1.135%
Sum of corrected areas: 1639

Aliphatic EPH 100725.M Sat Oct 25 00:22:49 2025

Instrument :

FID_C

ClientSampleId :

PB170249BSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	49 Moore Place Belleville		Date Received:	
Client Sample ID:	5MS		SDG No.:	Q3410
Lab Sample ID:	Q3410-07MS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	78.8
Sample Wt/Vol:	30.04 g	Final Vol: 2000 uL	Test:	EPH_F2
Prep Method :		Prep Date : 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
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TARGETS

Aliphatic C9-C28	Aliphatic C9-C28	98.0		1	1.15	5.08	mg/kg	FC070036.D	10/24/25 19:29	PB170249
Total EPH	Total EPH	98.0			1.15	5.08	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:	49 Moore Place Belleville		Date Received:	
Client Sample ID:	5MS		SDG No.:	Q3410
Lab Sample ID:	Q3410-07MS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	78.8
Sample Wt/Vol:	30.04 g	Final Vol: 2000 uL	Test:	EPH_F2
Prep Method :		Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	98.0	1		1.15	5.08	mg/kg	10/24/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	149	E 1		1.50	2.53	mg/kg	10/24/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	26.0			40 - 140	52%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	22.9			40 - 140	46%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3410-07MS	Acq On:	24 Oct 2025 19:29
Client Sample ID:	5MS	Operator:	YP/AJ
Data file:	FC070036.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.278	6.573	25827597	178.386	300	ug/ml
Aliphatic C12-C16	6.574	9.974	34125005	208.356	200	ug/ml
Aliphatic C16-C21	9.975	13.340	51133774	315.747	300	ug/ml
Aliphatic C21-C28	13.341	17.004	67157384	456.411	400	ug/ml
Aliphatic C28-C40	17.005	21.957	190260326	1770	600	ug/ml
Aliphatic EPH	3.278	21.957	368504086	2930		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	4013717	22.86		ug/ml
1-chlorooctadecane (SURR)	13.081	13.081	3532897	26.03		ug/ml
Aliphatic C9-C28	3.278	17.004	178243760	1160	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070036.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 19:29
 Operator : YP/AJ
 Sample : Q3410-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 27 07:40:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.645	4013717	22.857 ug/ml
Spiked Amount 50.000		Recovery =	45.71%
12) S 1-chlorooctadecane (S...	13.081	3532897	26.026 ug/ml
Spiked Amount 50.000		Recovery =	52.05%
Target Compounds			
1) T n-Nonane (C9)	3.394	4245479	30.917 ug/ml
2) T n-Decane (C10)	4.460	4556849	31.697 ug/ml
3) T A~Naphthalene (C11.7)	6.051	5696416	35.247 ug/ml
4) T n-Dodecane (C12)	6.479	4899789	31.967 ug/ml
5) T A~2-methylnaphthalene...	7.109	5116503	32.068 ug/ml
6) T n-Tetradecane (C14)	8.276	5024423	31.591 ug/ml
7) T n-Hexadecane (C16)	9.878	5042303	29.921 ug/ml
8) T n-Octadecane (C18)	11.323	4978617	29.264 ug/ml
10) T n-Eicosane (C20)	12.634	4833125	30.125 ug/ml
11) T n-Heneicosane (C21)	13.247	5032689	32.412 ug/ml
13) T n-Docosane (C22)	13.834	4784730	31.091 ug/ml
14) T n-Tetracosane (C24)	14.937	10740024	70.830 ug/ml
15) T n-Hexacosane (C26)	15.962	4426475	30.582 ug/ml
16) T n-Octacosane (C28)	16.913	4639988	33.549 ug/mlm
17) T n-Tricontane (C30)	17.805	4837332	35.430 ug/ml
18) T n-Dotriacontane (C32)	18.638	4846763	37.591 ug/mlm
19) T n-Tetratriacontane (C34)	19.423	4525083	39.659 ug/ml
20) T n-Hexatriacontane (C36)	20.160	3768207	38.964 ug/mlm
21) T n-Octatriacontane (C38)	20.923	3755703	43.090 ug/ml
22) T n-Tetracontane (C40)	21.877	3956507	48.155 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070036.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 19:29
Operator : YP/AJ
Sample : Q3410-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

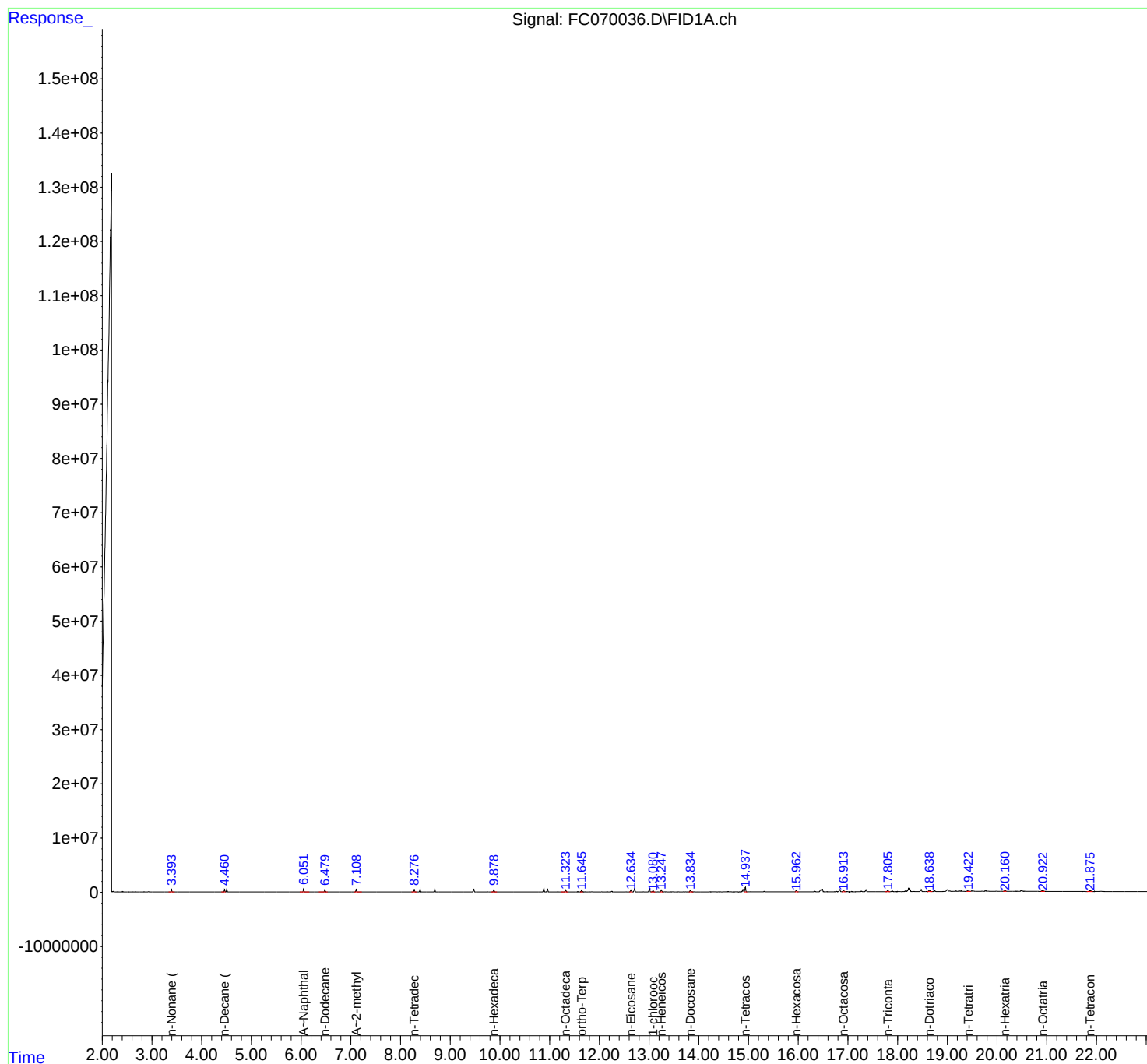
Instrument :
FID_C
ClientSampleId :
5MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
Quant Time: Oct 27 07:40:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rtres

Instrument :

FID_C

ClientSampleId :

5MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10242
Data File : FC070036.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 19:29
Sample : Q3410-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.220	3.204	3.259	PH	736	10444	0.06%	0.003%
2	3.290	3.259	3.361	PV	320	8761	0.05%	0.002%
3	3.394	3.361	3.507	PV	504917	4286858	23.65%	1.130%
4	3.522	3.507	3.561	VV	345	8011	0.04%	0.002%
5	3.574	3.561	3.609	VV	654	9718	0.05%	0.003%
6	3.630	3.609	3.647	VV	566	6177	0.03%	0.002%
7	3.666	3.647	3.674	VV	544	5263	0.03%	0.001%
8	3.692	3.674	3.742	VV	1968	34338	0.19%	0.009%
9	3.758	3.742	3.794	VV	766	10931	0.06%	0.003%
10	3.825	3.794	3.854	VV	967	12620	0.07%	0.003%
11	3.868	3.854	3.923	VV	631	12003	0.07%	0.003%
12	3.934	3.923	3.943	VV	209	1000	0.01%	0.000%
13	3.974	3.943	4.023	PV	389	6625	0.04%	0.002%
14	4.089	4.023	4.125	VV	2359	72265	0.40%	0.019%
15	4.135	4.125	4.188	VV	852	17469	0.10%	0.005%
16	4.194	4.188	4.204	VV	179	1555	0.01%	0.000%
17	4.254	4.204	4.281	VV	1212	24181	0.13%	0.006%
18	4.295	4.281	4.311	VV	550	7092	0.04%	0.002%
19	4.323	4.311	4.348	VV	816	10756	0.06%	0.003%
20	4.358	4.348	4.401	VV	335	8053	0.04%	0.002%
21	4.461	4.401	4.483	VV	510766	4569683	25.21%	1.204%
22	4.505	4.483	4.549	VV	607738	5443533	30.03%	1.434%
23	4.565	4.549	4.588	VV	6091	68615	0.38%	0.018%
24	4.611	4.588	4.654	VV	10268	117210	0.65%	0.031%
25	4.677	4.654	4.701	VV	846	18652	0.10%	0.005%
26	4.711	4.701	4.728	VV	578	7871	0.04%	0.002%
27	4.740	4.728	4.778	VV	635	11438	0.06%	0.003%
28	4.797	4.778	4.821	VV	871	13680	0.08%	0.004%
29	4.831	4.821	4.897	VV	437	10854	0.06%	0.003%
30	4.957	4.897	5.003	VV	609	16674	0.09%	0.004%
31	5.026	5.003	5.068	VV	509	10092	0.06%	0.003%
32	5.084	5.068	5.124	VV	672	11397	0.06%	0.003%
33	5.135	5.124	5.158	VV	428	5055	0.03%	0.001%
34	5.203	5.158	5.291	VV	567	21856	0.12%	0.006%
35	5.313	5.291	5.338	VV	6666	65715	0.36%	0.017%
36	5.361	5.338	5.427	VV	720	22675	0.13%	0.006%

					retention			
37	5.452	5.427	5.469	VV	231	4569	0.03%	0.001%
38	5.494	5.469	5.513	VV	1964	22046	0.03%	0.001%
39	5.525	5.513	5.536	VV	830	8892	0.03%	0.001%
40	5.547	5.536	5.586	VV	1047	11907	0.03%	0.001%
41	5.604	5.586	5.642	PV	353	5535	0.03%	0.001%
42	5.662	5.642	5.681	VV	223	2557	0.03%	0.001%
43	5.692	5.681	5.701	VV	226	1827	0.01%	0.000%
44	5.726	5.701	5.737	VV	403	5789	0.03%	0.002%
45	5.747	5.737	5.773	VV	473	4782	0.03%	0.001%
46	5.805	5.773	5.819	VV	177	2923	0.02%	0.001%
47	5.845	5.819	5.861	VV	448	6417	0.04%	0.002%
48	5.883	5.861	5.919	VV	602	13769	0.08%	0.004%
49	5.950	5.919	5.968	VV	502	9849	0.05%	0.003%
50	6.051	5.968	6.168	VV	591845	5731620	31.62%	1.510%
51	6.193	6.168	6.238	VV	968	24763	0.14%	0.007%
52	6.249	6.238	6.303	VV	646	14028	0.08%	0.004%
53	6.323	6.303	6.373	VV	1111	23082	0.13%	0.006%
54	6.397	6.373	6.444	VV	828	24564	0.14%	0.006%
55	6.479	6.444	6.533	VV	488308	4920690	27.15%	1.297%
56	6.551	6.533	6.591	VV	1781	29312	0.16%	0.008%
57	6.599	6.591	6.608	VV	394	3937	0.02%	0.001%
58	6.630	6.608	6.654	VV	544	10517	0.06%	0.003%
59	6.682	6.654	6.707	VV	635	9977	0.06%	0.003%
60	6.727	6.707	6.742	VV	664	7941	0.04%	0.002%
61	6.753	6.742	6.782	VV	411	5829	0.03%	0.002%
62	6.818	6.782	6.848	VV	1017	20903	0.12%	0.006%
63	6.864	6.848	6.887	VV	532	10312	0.06%	0.003%
64	6.898	6.887	6.924	VV	454	6293	0.03%	0.002%
65	6.959	6.924	6.990	VV	4737	79803	0.44%	0.021%
66	7.013	6.990	7.064	VV	14486	157275	0.87%	0.041%
67	7.109	7.064	7.221	VV	521288	5139503	28.35%	1.354%
68	7.242	7.221	7.256	VV	2303	28162	0.16%	0.007%
69	7.272	7.256	7.283	VV	2247	27250	0.15%	0.007%
70	7.298	7.283	7.348	VV	2968	57128	0.32%	0.015%
71	7.372	7.348	7.386	VV	1200	16114	0.09%	0.004%
72	7.403	7.386	7.445	VV	1829	41971	0.23%	0.011%
73	7.461	7.445	7.476	VV	1065	17569	0.10%	0.005%
74	7.493	7.476	7.512	VV	1102	16623	0.09%	0.004%
75	7.525	7.512	7.559	VV	535	11470	0.06%	0.003%
76	7.580	7.559	7.601	VV	961	13992	0.08%	0.004%
77	7.622	7.601	7.668	VV	863	18463	0.10%	0.005%
78	7.694	7.668	7.710	VV	767	9954	0.05%	0.003%
79	7.721	7.710	7.727	VV	493	4667	0.03%	0.001%
80	7.744	7.727	7.776	VV	725	12870	0.07%	0.003%
81	7.826	7.776	7.914	VV	2945	81210	0.45%	0.021%
82	7.937	7.914	7.951	VV	258	3337	0.02%	0.001%
83	7.969	7.951	8.010	PV	550	11200	0.06%	0.003%
84	8.043	8.010	8.074	VV	1132	22101	0.12%	0.006%
85	8.102	8.074	8.124	VV	781	16645	0.09%	0.004%
86	8.159	8.124	8.187	VV	1271	32105	0.18%	0.008%
87	8.205	8.187	8.220	VV	1265	14454	0.08%	0.004%
88	8.276	8.220	8.321	VV	492707	5049282	27.85%	1.331%
89	8.350	8.321	8.360	VV	1679	29509	0.16%	0.008%

Instrument :

FID_C

ClientSampleId :

5MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

Instrument :

FID_C

ClientSampleId :

SMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

					rt	Area	Height	Area%	Height%
90	8.393	8.360	8.469	VV	560343	5657891	31.21%	1.491%	
91	8.505	8.469	8.558	VV	1312	48581			
92	8.581	8.558	8.620	VV	2265	45225			
93	8.639	8.620	8.658	VV	1507	22900			
94	8.690	8.658	8.761	VV	560477	5648560	31.21%	1.491%	
95	8.771	8.761	8.785	VV	1349	17471			
96	8.806	8.785	8.825	VV	1481	30110	0.17%	0.008%	
97	8.835	8.825	8.855	VV	1204	18106	0.10%	0.005%	
98	8.867	8.855	8.888	VV	866	12984	0.07%	0.003%	
99	8.923	8.888	8.939	VV	2041	35385	0.20%	0.009%	
100	8.960	8.939	8.983	VV	5594	68529	0.38%	0.018%	
101	9.004	8.983	9.060	VV	1934	43196	0.24%	0.011%	
102	9.097	9.060	9.115	VV	2779	35772	0.20%	0.009%	
103	9.130	9.115	9.175	VV	1399	26462	0.15%	0.007%	
104	9.194	9.175	9.205	VV	1346	13717	0.08%	0.004%	
105	9.213	9.205	9.234	VV	893	10101	0.06%	0.003%	
106	9.252	9.234	9.267	VV	727	9266	0.05%	0.002%	
107	9.298	9.267	9.321	VV	1167	21970	0.12%	0.006%	
108	9.336	9.321	9.351	VV	447	5222	0.03%	0.001%	
109	9.380	9.351	9.406	VV	1124	19685	0.11%	0.005%	
110	9.427	9.406	9.443	VV	3444	40983	0.23%	0.011%	
111	9.475	9.443	9.534	VV	529692	5613705	30.97%	1.479%	
112	9.552	9.534	9.578	VV	1827	34437	0.19%	0.009%	
113	9.622	9.578	9.645	VV	2716	55393	0.31%	0.015%	
114	9.685	9.645	9.723	VV	8769	114686	0.63%	0.030%	
115	9.749	9.723	9.777	VV	27569	313780	1.73%	0.083%	
116	9.794	9.777	9.831	VV	3830	66176	0.37%	0.017%	
117	9.878	9.831	9.944	VV	454258	5082523	28.04%	1.339%	
118	9.957	9.944	10.004	VV	1031	23823	0.13%	0.006%	
119	10.045	10.004	10.084	VV	837	17273	0.10%	0.005%	
120	10.102	10.084	10.117	VV	1236	13946	0.08%	0.004%	
121	10.131	10.117	10.149	VV	1223	14883	0.08%	0.004%	
122	10.177	10.149	10.201	VV	727	11973	0.07%	0.003%	
123	10.222	10.201	10.247	VV	2028	23586	0.13%	0.006%	
124	10.265	10.247	10.281	VV	607	6918	0.04%	0.002%	
125	10.303	10.281	10.337	PV	2761	44719	0.25%	0.012%	
126	10.357	10.337	10.373	VV	2613	34530	0.19%	0.009%	
127	10.391	10.373	10.417	VV	1497	28601	0.16%	0.008%	
128	10.436	10.417	10.450	VV	775	9657	0.05%	0.003%	
129	10.471	10.450	10.482	VV	1517	19187	0.11%	0.005%	
130	10.498	10.482	10.510	VV	2376	28486	0.16%	0.008%	
131	10.528	10.510	10.556	VV	7127	87207	0.48%	0.023%	
132	10.573	10.556	10.596	VV	2409	32915	0.18%	0.009%	
133	10.614	10.596	10.626	VV	1406	16970	0.09%	0.004%	
134	10.643	10.626	10.654	VV	2549	27601	0.15%	0.007%	
135	10.680	10.654	10.723	VV	11751	168416	0.93%	0.044%	
136	10.744	10.723	10.759	VV	946	13827	0.08%	0.004%	
137	10.778	10.759	10.801	VV	1487	23489	0.13%	0.006%	
138	10.841	10.801	10.854	VV	12427	160339	0.88%	0.042%	
139	10.884	10.854	10.928	VV	641419	7416555	40.91%	1.954%	
140	10.958	10.928	11.018	VV	504621	5628067	31.05%	1.483%	
141	11.035	11.018	11.100	VV	2425	53177	0.29%	0.014%	

Project Performance Analysis - Q3 2023							Overall Summary	
Project Details				Key Metrics		Status & Action		
ID	Name	Manager	Team	Progress (%)	Budget (k\$)	Completion Rate	Notes	
142	11.126	11.100	11.148	VV	4117	55494	0.31% 0.015%	
143	11.170	11.148	11.211	VV	18176	206035	Manual Integration Required	
144	11.248	11.211	11.261	PV	681	8582		
145	11.323	11.261	11.373	VV	414442	4996924		
146	11.398	11.373	11.429	VV	6066	125127		
147	11.444	11.429	11.464	VV	2958	38726	Reviewed By :Yogesh Supervised By :mohit	
148	11.474	11.464	11.492	VV	1364	18124		
149	11.515	11.492	11.540	VV	9445	117691		
150	11.566	11.540	11.609	VV	38962	511386		
151	11.645	11.609	11.669	VV	379250	4037349	22.27%	1.064%
152	11.682	11.669	11.697	VV	15019	162766	0.90%	0.043%
153	11.716	11.697	11.759	VV	24002	349725	1.93%	0.092%
154	11.797	11.759	11.816	VV	25096	331019	1.83%	0.087%
155	11.842	11.816	11.898	VV	17333	392583	2.17%	0.103%
156	11.939	11.898	11.963	PV	2094	44934	0.25%	0.012%
157	12.009	11.963	12.021	VV	3756	68245	0.38%	0.018%
158	12.043	12.021	12.070	VV	29135	348123	1.92%	0.092%
159	12.094	12.070	12.128	VV	7317	131825	0.73%	0.035%
160	12.152	12.128	12.198	VV	17730	240279	1.33%	0.063%
161	12.250	12.198	12.313	VV	114166	1481234	8.17%	0.390%
162	12.331	12.313	12.388	VV	4176	88242	0.49%	0.023%
163	12.402	12.388	12.441	VV	2217	42037	0.23%	0.011%
164	12.491	12.441	12.512	VV	3570	81263	0.45%	0.021%
165	12.537	12.512	12.563	VV	12612	170211	0.94%	0.045%
166	12.583	12.563	12.601	VV	6259	84022	0.46%	0.022%
167	12.634	12.601	12.668	VV	394653	4838717	26.69%	1.275%
168	12.711	12.668	12.751	VV	715902	8663707	47.79%	2.283%
169	12.769	12.751	12.813	VV	3501	68955	0.38%	0.018%
170	12.835	12.813	12.845	VV	2036	27986	0.15%	0.007%
171	12.886	12.845	12.904	VV	14770	254264	1.40%	0.067%
172	12.915	12.904	12.968	VV	6012	100480	0.55%	0.026%
173	13.010	12.968	13.036	VV	669424	7714092	42.56%	2.033%
174	13.081	13.036	13.121	VV	267971	3532327	19.49%	0.931%
175	13.176	13.121	13.214	PV	11115	240150	1.32%	0.063%
176	13.247	13.214	13.289	VV	400074	5031931	27.76%	1.326%
177	13.314	13.289	13.329	VV	13153	216573	1.19%	0.057%
178	13.344	13.329	13.362	VV	12476	170094	0.94%	0.045%
179	13.372	13.362	13.384	VV	6239	69943	0.39%	0.018%
180	13.397	13.384	13.431	VV	7000	102653	0.57%	0.027%
181	13.475	13.431	13.545	VV	31604	599799	3.31%	0.158%
182	13.589	13.545	13.632	VV	29129	444839	2.45%	0.117%
183	13.656	13.632	13.669	VV	2055	31942	0.18%	0.008%
184	13.697	13.669	13.718	VV	17057	224766	1.24%	0.059%
185	13.737	13.718	13.759	VV	12984	169744	0.94%	0.045%
186	13.777	13.759	13.798	VV	7833	101458	0.56%	0.027%
187	13.834	13.798	13.888	VV	369592	4802104	26.49%	1.265%
188	13.908	13.888	13.943	VV	10087	146504	0.81%	0.039%
189	13.985	13.943	14.004	VV	6002	111499	0.62%	0.029%
190	14.018	14.004	14.042	VV	2728	56162	0.31%	0.015%
191	14.063	14.042	14.103	VV	2968	70620	0.39%	0.019%
192	14.118	14.103	14.138	VV	1841	22727	0.13%	0.006%
193	14.172	14.138	14.193	PV	1252	27350	0.15%	0.007%
194	14.221	14.193	14.246	VV	18151	232199	1.28%	0.061%

195	14.269	14.246	14.294	VV	5618	120046	0.66%	0.032%
196	14.329	14.294	14.367	VV	18431	325423		
197	14.395	14.367	14.414	VV	8662	130348		
198	14.433	14.414	14.472	VV	6547	137115		
199	14.503	14.472	14.546	VV	25037	531073		
200	14.568	14.546	14.593	VV	30458	435359		
201	14.633	14.593	14.674	VV	27549	544224	3.00%	0.143%
202	14.692	14.674	14.707	VV	3036	44276	0.24%	0.012%
203	14.753	14.707	14.764	VV	7446	136699	0.75%	0.036%
204	14.773	14.764	14.809	VV	6971	92210	0.51%	0.024%
205	14.839	14.809	14.853	PV	8874	114700	0.63%	0.030%
206	14.891	14.853	14.910	VV	448566	6374185	35.16%	1.680%
207	14.937	14.910	14.966	VV	866588	10739898	59.25%	2.830%
208	14.981	14.966	15.008	VV	14224	201997	1.11%	0.053%
209	15.045	15.008	15.094	VV	33382	514593	2.84%	0.136%
210	15.127	15.094	15.159	VV	9686	166292	0.92%	0.044%
211	15.187	15.159	15.207	VV	12739	182645	1.01%	0.048%
212	15.222	15.207	15.249	VV	8908	145158	0.80%	0.038%
213	15.265	15.249	15.283	VV	5529	84907	0.47%	0.022%
214	15.315	15.283	15.354	VV	96954	1415875	7.81%	0.373%
215	15.368	15.354	15.394	VV	5615	93207	0.51%	0.025%
216	15.417	15.394	15.430	VV	4400	69146	0.38%	0.018%
217	15.455	15.430	15.490	VV	15017	291960	1.61%	0.077%
218	15.512	15.490	15.523	VV	11683	171354	0.95%	0.045%
219	15.553	15.523	15.576	VV	18901	389594	2.15%	0.103%
220	15.593	15.576	15.615	VV	9256	124842	0.69%	0.033%
221	15.640	15.615	15.658	VV	7219	108727	0.60%	0.029%
222	15.713	15.658	15.757	VV	12714	454849	2.51%	0.120%
223	15.792	15.757	15.812	VV	6995	130271	0.72%	0.034%
224	15.833	15.812	15.859	VV	10925	159463	0.88%	0.042%
225	15.878	15.859	15.900	VV	6571	89899	0.50%	0.024%
226	15.962	15.900	16.004	VV	332518	4572592	25.23%	1.205%
227	16.025	16.004	16.074	VV	13618	218599	1.21%	0.058%
228	16.086	16.074	16.098	VV	890	6257	0.03%	0.002%
229	16.179	16.098	16.212	PV	5493	175539	0.97%	0.046%
230	16.234	16.212	16.250	VV	6993	103080	0.57%	0.027%
231	16.331	16.250	16.374	VV	137084	2173071	11.99%	0.573%
232	16.392	16.374	16.411	VV	11061	209534	1.16%	0.055%
233	16.458	16.411	16.473	VV	420886	7573743	41.78%	1.996%
234	16.488	16.473	16.550	VV	483453	5675683	31.31%	1.496%
235	16.578	16.550	16.601	VV	23044	327069	1.80%	0.086%
236	16.613	16.601	16.651	VV	6281	135655	0.75%	0.036%
237	16.699	16.651	16.717	VV	9948	243018	1.34%	0.064%
238	16.771	16.717	16.796	VV	80654	1372101	7.57%	0.362%
239	16.839	16.796	16.864	VV	450310	6312029	34.82%	1.663%
240	16.913	16.864	16.951	VV	344109	5181484	28.58%	1.365%
241	16.988	16.951	17.021	VV	56766	973192	5.37%	0.256%
242	17.033	17.021	17.051	VV	8838	140061	0.77%	0.037%
243	17.069	17.051	17.111	VV	9876	267769	1.48%	0.071%
244	17.188	17.111	17.221	VV	16272	640860	3.54%	0.169%
245	17.273	17.221	17.309	VV	113412	1993028	10.99%	0.525%
246	17.366	17.309	17.395	VV	415716	6059063	33.43%	1.597%

Instrument :

FID_C

ClientSampleId :

5MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

				rters			
247	17.407	17.395	17.426	VV	17043	271192	1.50% 0.071%
248	17.447	17.426	17.468	VV	23951	419323	
249	17.488	17.468	17.511	VV	16174	322363	
250	17.534	17.511	17.561	VV	16838	354805	
251	17.582	17.561	17.621	VV	10175	328028	
252	17.641	17.621	17.654	VV	11769	210693	
253	17.668	17.654	17.684	VV	10749	182635	1.01% 0.048%
254	17.725	17.684	17.748	VV	23480	584417	3.22% 0.154%
255	17.805	17.748	17.848	VV	341735	5514286	30.42% 1.453%
256	17.894	17.848	17.951	VV	142969	2855253	15.75% 0.752%
257	17.981	17.951	17.994	VV	25337	596108	3.29% 0.157%
258	18.039	17.994	18.081	VV	48441	1586507	8.75% 0.418%
259	18.111	18.081	18.122	VV	41685	800378	4.42% 0.211%
260	18.159	18.122	18.178	VV	140819	2819627	15.55% 0.743%
261	18.223	18.178	18.281	VV	678304	18127041	100.00% 4.777%
262	18.289	18.281	18.301	VV	34095	388305	2.14% 0.102%
263	18.325	18.301	18.354	VV	54829	1389757	7.67% 0.366%
264	18.367	18.354	18.429	VV	39799	1401537	7.73% 0.369%
265	18.477	18.429	18.521	VV	416235	7203071	39.74% 1.898%
266	18.540	18.521	18.558	VV	38603	814810	4.49% 0.215%
267	18.588	18.558	18.606	VV	52537	1303985	7.19% 0.344%
268	18.639	18.606	18.698	VV	329696	6185962	34.13% 1.630%
269	18.739	18.698	18.818	VV	195884	4934490	27.22% 1.300%
270	18.848	18.818	18.879	VV	38929	1259415	6.95% 0.332%
271	18.997	18.879	19.024	VV	379561	10244468	56.51% 2.700%
272	19.040	19.024	19.091	VV	135542	3800248	20.96% 1.001%
273	19.118	19.091	19.151	VV	76108	2373142	13.09% 0.625%
274	19.176	19.151	19.205	VV	130077	2848986	15.72% 0.751%
275	19.236	19.205	19.258	VV	214867	3882415	21.42% 1.023%
276	19.279	19.258	19.318	VV	156112	3361897	18.55% 0.886%
277	19.337	19.318	19.360	VV	71213	1553461	8.57% 0.409%
278	19.387	19.360	19.398	VV	106246	1758489	9.70% 0.463%
279	19.423	19.398	19.468	VV	323744	6408914	35.36% 1.689%
280	19.494	19.468	19.513	VV	162923	2888638	15.94% 0.761%
281	19.530	19.513	19.582	VV	119780	3253770	17.95% 0.857%
282	19.621	19.582	19.664	VV	71639	3169008	17.48% 0.835%
283	19.705	19.664	19.733	VV	81986	2973523	16.40% 0.784%
284	19.770	19.733	19.809	VV	166776	5003881	27.60% 1.319%
285	19.824	19.809	19.853	VV	91606	2099111	11.58% 0.553%
286	19.868	19.853	19.893	VV	67492	1537053	8.48% 0.405%
287	19.905	19.893	19.921	VV	62661	1036054	5.72% 0.273%
288	19.944	19.921	19.961	VV	67689	1555014	8.58% 0.410%
289	19.990	19.961	20.021	VV	81454	2626526	14.49% 0.692%
290	20.066	20.021	20.081	VV	70729	2433111	13.42% 0.641%
291	20.099	20.081	20.123	VV	75741	1724852	9.52% 0.455%
292	20.163	20.123	20.191	VV	306591	6154909	33.95% 1.622%
293	20.200	20.191	20.229	VV	67063	1362878	7.52% 0.359%
294	20.277	20.229	20.297	VV	62335	2269050	12.52% 0.598%
295	20.312	20.297	20.357	VV	59504	2079571	11.47% 0.548%
296	20.390	20.357	20.452	VV	76663	3472979	19.16% 0.915%
297	20.491	20.452	20.543	VV	204138	5847163	32.26% 1.541%
298	20.561	20.543	20.639	VV	69149	3566105	19.67% 0.940%
299	20.650	20.639	20.674	VV	53815	1080257	5.96% 0.285%

Instrument :

FID_C

ClientSampleId :

SMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

					rters			
300	20.708	20.674	20.722	VV	54596	1527546	8.43%	0.403%
301	20.737	20.722	20.848	VV	54403	3468151	19.07%	0.403%
302	20.867	20.848	20.878	VV	39563	719878	3.63%	0.403%
303	20.923	20.878	20.963	VV	237616	5575813	30.07%	0.403%
304	20.985	20.963	21.045	VV	42533	1814414	10.07%	0.403%
305	21.053	21.045	21.111	VV	33020	1197190	6.03%	0.403%
306	21.139	21.111	21.175	VV	32989	1139714	6.29%	0.300%
307	21.209	21.175	21.229	VV	31491	949134	5.24%	0.250%
308	21.248	21.229	21.294	VV	29632	1021035	5.63%	0.269%
309	21.346	21.294	21.371	VV	26434	1166732	6.44%	0.307%
310	21.437	21.371	21.497	VV	31684	2069633	11.42%	0.545%
311	21.507	21.497	21.537	VV	24046	537149	2.96%	0.142%
312	21.558	21.537	21.574	VV	20562	437661	2.41%	0.115%
313	21.627	21.574	21.647	VV	23007	923123	5.09%	0.243%
314	21.687	21.647	21.721	VV	21925	885761	4.89%	0.233%
315	21.748	21.721	21.807	VV	21025	828257	4.57%	0.218%
316	21.877	21.807	21.928	VV	162862	4678893	25.81%	1.233%
317	22.075	21.928	22.201	VV	35878	3093920	17.07%	0.815%
318	22.210	22.201	22.271	VV	8104	207935	1.15%	0.055%
319	22.294	22.271	22.328	VV	2747	60088	0.33%	0.016%
320	22.386	22.328	22.398	PV	1590	26511	0.15%	0.007%

Sum of corrected areas: 379472649

Aliphatic EPH 100725.M Mon Oct 27 07:52:03 2025

Instrument :
FID_C
ClientSampleId :
SMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	49 Moore Place Belleville		Date Received:	
Client Sample ID:	5MSD		SDG No.:	Q3410
Lab Sample ID:	Q3410-07MSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	78.8
Sample Wt/Vol:	30.06 g	Final Vol: 2000 uL	Test:	EPH_F2
Prep Method :		Prep Date : 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
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TARGETS

Aliphatic C9-C28	Aliphatic C9-C28	97.5		1	1.15	5.07	mg/kg	FC070037.D	10/24/25 20:10	PB170249
Total EPH	Total EPH	97.5			1.15	5.07	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:	49 Moore Place Belleville		Date Received:	
Client Sample ID:	5MSD		SDG No.:	Q3410
Lab Sample ID:	Q3410-07MSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	78.8
Sample Wt/Vol:	30.06 g	Final Vol: 2000 uL	Test:	EPH_F2
Prep Method :		Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	97.5	1		1.15	5.07	mg/kg	10/24/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	149	E 1		1.49	2.53	mg/kg	10/24/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.7			40 - 140	51%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	22.8			40 - 140	46%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3410-07MSD	Acq On:	24 Oct 2025 20:10
Client Sample ID:	5MSD	Operator:	YP/AJ
Data file:	FC070037.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.278	6.573	25817229	178.314	300	ug/ml
Aliphatic C12-C16	6.574	9.974	33965069	207.379	200	ug/ml
Aliphatic C16-C21	9.975	13.340	50566466	312.244	300	ug/ml
Aliphatic C21-C28	13.341	17.004	67025988	455.518	400	ug/ml
Aliphatic C28-C40	17.005	21.957	189895266	1760	600	ug/ml
Aliphatic EPH	3.278	21.957	367270018	2920		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	3996382	22.76		ug/ml
1-chlorooctadecane (SURR)	13.081	13.081	3489177	25.7		ug/ml
Aliphatic C9-C28	3.278	17.004	177374752	1150	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070037.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 20:10
 Operator : YP/AJ
 Sample : Q3410-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 27 07:41:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.645	3996382	22.758 ug/ml
Spiked Amount 50.000		Recovery =	45.52%
12) S 1-chlorooctadecane (S...	13.081	3489177	25.704 ug/ml
Spiked Amount 50.000		Recovery =	51.41%
Target Compounds			
1) T n-Nonane (C9)	3.395	4261935	31.037 ug/ml
2) T n-Decane (C10)	4.462	4556060	31.692 ug/ml
3) T A~Naphthalene (C11.7)	6.053	5676216	35.122 ug/ml
4) T n-Dodecane (C12)	6.479	4879889	31.837 ug/ml
5) T A~2-methylnaphthalene...	7.109	5098353	31.954 ug/ml
6) T n-Tetradecane (C14)	8.277	4989041	31.369 ug/ml
7) T n-Hexadecane (C16)	9.879	5001146	29.677 ug/ml
8) T n-Octadecane (C18)	11.324	4935289	29.009 ug/ml
10) T n-Eicosane (C20)	12.635	4774442	29.760 ug/ml
11) T n-Heneicosane (C21)	13.248	4950597	31.883 ug/ml
13) T n-Docosane (C22)	13.835	4727520	30.719 ug/ml
14) T n-Tetracosane (C24)	14.938	10704509	70.596 ug/ml
15) T n-Hexacosane (C26)	15.964	4547567	31.419 ug/ml
16) T n-Octacosane (C28)	16.915	4594684	33.222 ug/mlm
17) T n-Tricontane (C30)	17.806	4647808	34.041 ug/ml
18) T n-Dotriacontane (C32)	18.638	4566538	35.418 ug/mlm
19) T n-Tetratriacontane (C34)	19.424	4424667	38.779 ug/ml
20) T n-Hexatriacontane (C36)	20.165	3771446	38.997 ug/ml
21) T n-Octatriacontane (C38)	20.926	3678674	42.207 ug/ml
22) T n-Tetracontane (C40)	21.880	3806433	46.328 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
Data File : FC070037.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 20:10
Operator : YP/AJ
Sample : Q3410-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

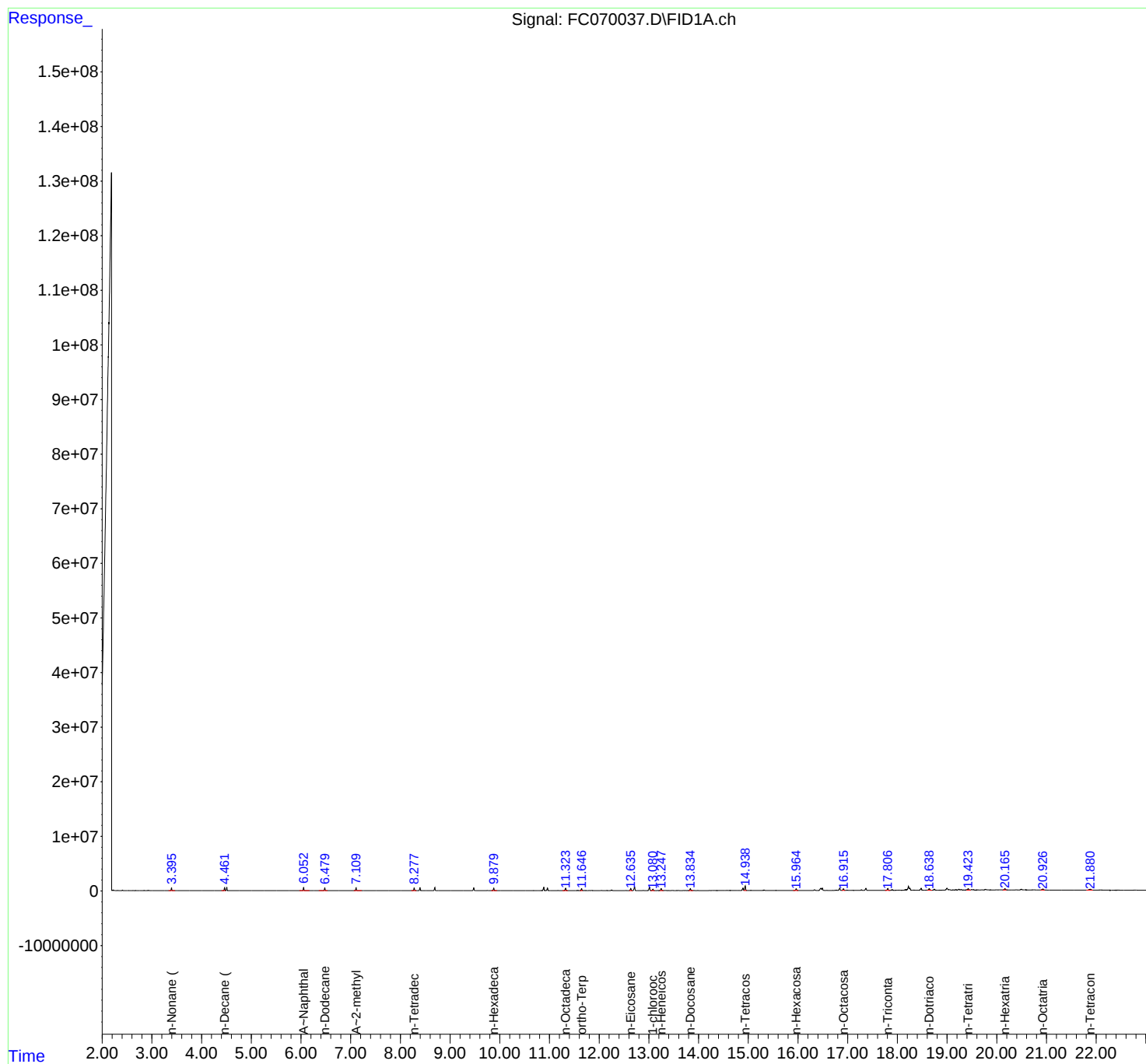
Instrument :
FID_C
ClientSampleId :
5MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
Quant Time: Oct 27 07:41:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :

FID_C

ClientSampleId :

5MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/27/2025

Supervised By :mohammad ahmed 10/29/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10242
Data File : FC070037.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 20:10
Sample : Q3410-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.222	3.204	3.263	PH	743	10880	0.08%	0.003%
2	3.291	3.263	3.338	PV	360	7498	0.06%	0.002%
3	3.351	3.338	3.368	PV	155	1331	0.01%	0.000%
4	3.395	3.368	3.486	PV	508045	4290323	32.09%	1.134%
5	3.518	3.486	3.557	VV	442	11386	0.09%	0.003%
6	3.574	3.557	3.618	VV	695	10288	0.08%	0.003%
7	3.632	3.618	3.649	VV	632	6379	0.05%	0.002%
8	3.693	3.649	3.744	VV	1968	41048	0.31%	0.011%
9	3.760	3.744	3.790	VV	755	10993	0.08%	0.003%
10	3.827	3.790	3.850	VV	910	12553	0.09%	0.003%
11	3.869	3.850	3.928	VV	602	11914	0.09%	0.003%
12	3.936	3.928	3.952	VV	80	775	0.01%	0.000%
13	3.975	3.952	4.031	PV	300	5969	0.04%	0.002%
14	4.076	4.031	4.083	VV	2152	35609	0.27%	0.009%
15	4.092	4.083	4.125	VV	2366	34752	0.26%	0.009%
16	4.136	4.125	4.149	VV	879	9938	0.07%	0.003%
17	4.153	4.149	4.185	VV	587	7028	0.05%	0.002%
18	4.229	4.185	4.238	VV	523	7849	0.06%	0.002%
19	4.255	4.238	4.284	VV	1200	17476	0.13%	0.005%
20	4.298	4.284	4.310	VV	583	6365	0.05%	0.002%
21	4.323	4.310	4.346	VV	812	11108	0.08%	0.003%
22	4.354	4.346	4.374	VV	344	4834	0.04%	0.001%
23	4.461	4.374	4.483	VV	508841	4575087	34.22%	1.210%
24	4.507	4.483	4.550	VV	613920	5438684	40.67%	1.438%
25	4.566	4.550	4.589	VV	6061	68304	0.51%	0.018%
26	4.612	4.589	4.652	VV	10153	117355	0.88%	0.031%
27	4.679	4.652	4.704	VV	916	21842	0.16%	0.006%
28	4.712	4.704	4.728	VV	633	7377	0.06%	0.002%
29	4.742	4.728	4.768	VV	569	9851	0.07%	0.003%
30	4.798	4.768	4.908	VV	910	28819	0.22%	0.008%
31	4.922	4.908	4.934	VV	261	3334	0.02%	0.001%
32	4.956	4.934	4.999	VV	616	12956	0.10%	0.003%
33	5.027	4.999	5.068	VV	527	11944	0.09%	0.003%
34	5.086	5.068	5.120	VV	773	13006	0.10%	0.003%
35	5.136	5.120	5.158	VV	452	7066	0.05%	0.002%
36	5.203	5.158	5.255	VV	662	21545	0.16%	0.006%

					retention			
37	5.263	5.255	5.288	VV	237	2695	0.02%	0.001%
38	5.314	5.288	5.338	VV	6550	66171		
39	5.361	5.338	5.438	VV	759	26287		
40	5.445	5.438	5.474	VV	230	4157		
41	5.495	5.474	5.513	VV	1931	21310		
42	5.527	5.513	5.538	VV	827	9362		
43	5.549	5.538	5.588	VV	1055	12545	0.09%	0.003%
44	5.607	5.588	5.643	PV	402	6703	0.05%	0.002%
45	5.663	5.643	5.678	VV	257	3398	0.03%	0.001%
46	5.725	5.678	5.736	VV	427	8606	0.06%	0.002%
47	5.748	5.736	5.775	VV	462	5820	0.04%	0.002%
48	5.803	5.775	5.824	VV	184	3168	0.02%	0.001%
49	5.846	5.824	5.862	VV	510	6652	0.05%	0.002%
50	5.882	5.862	5.933	VV	640	18750	0.14%	0.005%
51	5.951	5.933	5.970	VV	603	8395	0.06%	0.002%
52	5.983	5.970	5.993	VV	184	2245	0.02%	0.001%
53	6.052	5.993	6.170	VV	605279	5713995	42.73%	1.511%
54	6.193	6.170	6.229	VV	947	23669	0.18%	0.006%
55	6.253	6.229	6.301	VV	555	15291	0.11%	0.004%
56	6.324	6.301	6.358	VV	1044	19718	0.15%	0.005%
57	6.399	6.358	6.446	VV	920	28074	0.21%	0.007%
58	6.479	6.446	6.533	VV	498982	4897980	36.63%	1.295%
59	6.552	6.533	6.591	VV	1754	29652	0.22%	0.008%
60	6.629	6.591	6.653	VV	557	14850	0.11%	0.004%
61	6.681	6.653	6.703	VV	678	11006	0.08%	0.003%
62	6.727	6.703	6.783	VV	649	14984	0.11%	0.004%
63	6.819	6.783	6.851	VV	1037	23411	0.18%	0.006%
64	6.868	6.851	6.884	VV	550	9497	0.07%	0.003%
65	6.898	6.884	6.924	VV	510	7957	0.06%	0.002%
66	6.960	6.924	6.990	VV	4947	86634	0.65%	0.023%
67	7.014	6.990	7.059	VV	14048	158207	1.18%	0.042%
68	7.109	7.059	7.223	VV	519849	5120473	38.29%	1.354%
69	7.243	7.223	7.258	VV	2357	28279	0.21%	0.007%
70	7.273	7.258	7.284	VV	2218	27430	0.21%	0.007%
71	7.299	7.284	7.351	VV	3049	58808	0.44%	0.016%
72	7.374	7.351	7.386	VV	1231	15931	0.12%	0.004%
73	7.404	7.386	7.444	VV	1847	43711	0.33%	0.012%
74	7.463	7.444	7.481	VV	1102	21521	0.16%	0.006%
75	7.492	7.481	7.514	VV	1091	16567	0.12%	0.004%
76	7.526	7.514	7.558	VV	652	11679	0.09%	0.003%
77	7.580	7.558	7.598	VV	932	14061	0.11%	0.004%
78	7.624	7.598	7.676	VV	872	22968	0.17%	0.006%
79	7.695	7.676	7.714	VV	751	10516	0.08%	0.003%
80	7.743	7.714	7.771	VV	678	16340	0.12%	0.004%
81	7.827	7.771	7.922	VV	2847	84717	0.63%	0.022%
82	7.934	7.922	7.951	VV	242	2983	0.02%	0.001%
83	7.970	7.951	8.006	PV	597	10391	0.08%	0.003%
84	8.043	8.006	8.075	VV	1170	23549	0.18%	0.006%
85	8.105	8.075	8.121	VV	855	16304	0.12%	0.004%
86	8.154	8.121	8.188	VV	1228	33208	0.25%	0.009%
87	8.205	8.188	8.221	VV	1242	14804	0.11%	0.004%
88	8.236	8.221	8.243	VV	869	8383	0.06%	0.002%
89	8.277	8.243	8.321	VV	483036	5005651	37.44%	1.323%

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90	8.350	8.321	8.361	VV	1589	29541	0.22%	0.008%
91	8.394	8.361	8.470	VV	554612	5629505	42.14%	1.490%
92	8.487	8.470	8.497	VV	1322	19629	0.23%	0.008%
93	8.506	8.497	8.554	VV	1331	27975	0.24%	0.008%
94	8.582	8.554	8.621	VV	2225	47469	0.27%	0.010%
95	8.642	8.621	8.656	VV	1508	22414	0.27%	0.010%
96	8.692	8.656	8.785	VV	546812	5634356	42.14%	1.490%
97	8.810	8.785	8.825	VV	1552	31360	0.23%	0.008%
98	8.834	8.825	8.885	VV	1333	31511	0.24%	0.008%
99	8.923	8.885	8.939	VV	2054	36537	0.27%	0.010%
100	8.961	8.939	8.985	VV	5302	70644	0.53%	0.019%
101	9.004	8.985	9.063	VV	2049	44744	0.33%	0.012%
102	9.097	9.063	9.114	VV	2852	36066	0.27%	0.010%
103	9.128	9.114	9.174	VV	1413	26362	0.20%	0.007%
104	9.194	9.174	9.236	VV	1243	24521	0.18%	0.006%
105	9.252	9.236	9.267	VV	827	9953	0.07%	0.003%
106	9.298	9.267	9.324	VV	1127	23388	0.17%	0.006%
107	9.338	9.324	9.354	VV	465	5271	0.04%	0.001%
108	9.381	9.354	9.407	VV	1037	19344	0.14%	0.005%
109	9.428	9.407	9.443	VV	3621	41111	0.31%	0.011%
110	9.476	9.443	9.534	VV	529877	5578312	41.72%	1.475%
111	9.553	9.534	9.578	VV	1687	32634	0.24%	0.009%
112	9.623	9.578	9.646	VV	2624	56070	0.42%	0.015%
113	9.687	9.646	9.723	VV	8958	114647	0.86%	0.030%
114	9.750	9.723	9.777	VV	27643	312641	2.34%	0.083%
115	9.794	9.777	9.831	VV	3820	65846	0.49%	0.017%
116	9.879	9.831	9.944	VV	466185	5035120	37.66%	1.331%
117	9.962	9.944	10.001	VV	1065	23278	0.17%	0.006%
118	10.046	10.001	10.083	PV	707	17502	0.13%	0.005%
119	10.104	10.083	10.116	VV	1158	12775	0.10%	0.003%
120	10.132	10.116	10.165	VV	1109	17768	0.13%	0.005%
121	10.179	10.165	10.199	VV	597	6891	0.05%	0.002%
122	10.223	10.199	10.251	VV	2116	21891	0.16%	0.006%
123	10.267	10.251	10.282	VV	538	5484	0.04%	0.001%
124	10.304	10.282	10.337	PV	2788	42145	0.32%	0.011%
125	10.358	10.337	10.375	VV	2405	33347	0.25%	0.009%
126	10.394	10.375	10.418	VV	1562	25143	0.19%	0.007%
127	10.437	10.418	10.451	VV	749	8567	0.06%	0.002%
128	10.472	10.451	10.484	VV	1481	18582	0.14%	0.005%
129	10.498	10.484	10.510	VV	2155	24841	0.19%	0.007%
130	10.529	10.510	10.557	VV	6556	85562	0.64%	0.023%
131	10.574	10.557	10.598	VV	2370	30553	0.23%	0.008%
132	10.614	10.598	10.627	VV	1275	15323	0.11%	0.004%
133	10.644	10.627	10.655	VV	2308	24466	0.18%	0.006%
134	10.681	10.655	10.721	VV	11217	164137	1.23%	0.043%
135	10.748	10.721	10.764	VV	940	15217	0.11%	0.004%
136	10.779	10.764	10.801	VV	1382	19953	0.15%	0.005%
137	10.842	10.801	10.853	VV	11955	155817	1.17%	0.041%
138	10.885	10.853	10.927	VV	639766	7369656	55.11%	1.949%
139	10.960	10.927	11.020	VV	519956	5594580	41.84%	1.479%
140	11.036	11.020	11.078	VV	2509	46918	0.35%	0.012%
141	11.088	11.078	11.104	VV	372	4245	0.03%	0.001%

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142	11.127	11.104	11.148	VV	4155	54008	0.40%	0.014%
143	11.171	11.148	11.220	VV	17024	203819		
144	11.247	11.220	11.262	PV	752	8922		
145	11.324	11.262	11.374	VV	417570	4940313	36	
146	11.399	11.374	11.431	VV	6003	122867	0	
147	11.445	11.431	11.464	VV	2981	38917	0	
148	11.476	11.464	11.493	VV	1454	18205	0.14%	0.005%
149	11.516	11.493	11.540	VV	9399	115964	0.87%	0.031%
150	11.566	11.540	11.614	VV	37412	510399	3.82%	0.135%
151	11.645	11.614	11.669	VV	369978	3997293	29.89%	1.057%
152	11.682	11.669	11.697	VV	14656	162289	1.21%	0.043%
153	11.716	11.697	11.759	VV	23527	347439	2.60%	0.092%
154	11.797	11.759	11.818	VV	24984	330942	2.47%	0.088%
155	11.842	11.818	11.895	VV	17122	392020	2.93%	0.104%
156	11.938	11.895	11.968	PV	2209	47900	0.36%	0.013%
157	12.011	11.968	12.022	VV	3586	66004	0.49%	0.017%
158	12.044	12.022	12.072	VV	27565	346918	2.59%	0.092%
159	12.095	12.072	12.129	VV	6960	125502	0.94%	0.033%
160	12.153	12.129	12.198	VV	17530	233106	1.74%	0.062%
161	12.250	12.198	12.314	VV	109391	1410835	10.55%	0.373%
162	12.333	12.314	12.388	VV	3807	82809	0.62%	0.022%
163	12.404	12.388	12.418	VV	2096	25802	0.19%	0.007%
164	12.426	12.418	12.442	VV	1326	12569	0.09%	0.003%
165	12.493	12.442	12.513	VV	3344	74477	0.56%	0.020%
166	12.538	12.513	12.564	VV	12885	164648	1.23%	0.044%
167	12.584	12.564	12.604	VV	6024	83492	0.62%	0.022%
168	12.635	12.604	12.669	VV	404766	4775592	35.71%	1.263%
169	12.712	12.669	12.752	VV	703611	8615941	64.43%	2.278%
170	12.771	12.752	12.815	VV	3320	63543	0.48%	0.017%
171	12.835	12.815	12.847	VV	2007	26113	0.20%	0.007%
172	12.888	12.847	12.906	VV	14622	245383	1.84%	0.065%
173	12.916	12.906	12.971	VV	5916	94140	0.70%	0.025%
174	13.011	12.971	13.037	VV	643176	7684204	57.47%	2.032%
175	13.081	13.037	13.118	VV	266121	3485480	26.07%	0.922%
176	13.177	13.118	13.196	PV	10784	164662	1.23%	0.044%
177	13.204	13.196	13.213	VV	6186	61847	0.46%	0.016%
178	13.248	13.213	13.291	VV	389412	4956381	37.07%	1.310%
179	13.315	13.291	13.331	VV	11827	197131	1.47%	0.052%
180	13.345	13.331	13.385	VV	11390	222132	1.66%	0.059%
181	13.399	13.385	13.433	VV	7063	98984	0.74%	0.026%
182	13.476	13.433	13.545	VV	29157	550737	4.12%	0.146%
183	13.590	13.545	13.635	VV	29087	441748	3.30%	0.117%
184	13.658	13.635	13.671	VV	2342	32314	0.24%	0.009%
185	13.698	13.671	13.719	VV	16580	221433	1.66%	0.059%
186	13.738	13.719	13.760	VV	13159	165894	1.24%	0.044%
187	13.778	13.760	13.799	VV	7615	100293	0.75%	0.027%
188	13.835	13.799	13.889	VV	375869	4750158	35.52%	1.256%
189	13.910	13.889	13.946	VV	9949	151441	1.13%	0.040%
190	13.986	13.946	14.005	VV	5785	108769	0.81%	0.029%
191	14.019	14.005	14.048	VV	3032	62858	0.47%	0.017%
192	14.064	14.048	14.103	VV	2992	66747	0.50%	0.018%
193	14.119	14.103	14.139	VV	1880	25084	0.19%	0.007%
194	14.175	14.139	14.198	PV	1472	31609	0.24%	0.008%

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195	14.222	14.198	14.248	VV	18178	230600	1.72%	0.061%
196	14.271	14.248	14.286	VV	5793	94005		
197	14.299	14.286	14.311	VV	5019	70328		
198	14.331	14.311	14.368	VV	19592	283145		
199	14.396	14.368	14.414	VV	9036	128959		
200	14.432	14.414	14.475	VV	6433	135682		
201	14.504	14.475	14.547	VV	25091	522313	3.91%	0.138%
202	14.570	14.547	14.594	VV	30307	435258	3.26%	0.115%
203	14.634	14.594	14.675	VV	26895	525040	3.93%	0.139%
204	14.692	14.675	14.707	VV	2954	39675	0.30%	0.010%
205	14.755	14.707	14.766	VV	6958	134125	1.00%	0.035%
206	14.776	14.766	14.814	VV	6683	87931	0.66%	0.023%
207	14.841	14.814	14.855	PV	8494	110623	0.83%	0.029%
208	14.893	14.855	14.912	VV	480604	6382271	47.73%	1.687%
209	14.938	14.912	14.968	VV	870143	10705596	80.06%	2.831%
210	14.983	14.968	15.011	VV	14043	200131	1.50%	0.053%
211	15.047	15.011	15.096	VV	33822	515049	3.85%	0.136%
212	15.128	15.096	15.163	VV	9972	167428	1.25%	0.044%
213	15.190	15.163	15.208	VV	12758	176324	1.32%	0.047%
214	15.225	15.208	15.250	VV	8549	150530	1.13%	0.040%
215	15.266	15.250	15.284	VV	5572	87366	0.65%	0.023%
216	15.315	15.284	15.355	VV	96780	1406487	10.52%	0.372%
217	15.368	15.355	15.398	VV	5809	101999	0.76%	0.027%
218	15.422	15.398	15.434	VV	4994	81674	0.61%	0.022%
219	15.457	15.434	15.491	VV	14630	289709	2.17%	0.077%
220	15.514	15.491	15.526	VV	11910	179397	1.34%	0.047%
221	15.554	15.526	15.577	VV	20122	399219	2.99%	0.106%
222	15.594	15.577	15.620	VV	8849	133439	1.00%	0.035%
223	15.641	15.620	15.664	VV	6983	120480	0.90%	0.032%
224	15.715	15.664	15.759	VV	13476	432329	3.23%	0.114%
225	15.794	15.759	15.812	VV	7636	137389	1.03%	0.036%
226	15.834	15.812	15.860	VV	10728	169815	1.27%	0.045%
227	15.880	15.860	15.901	VV	6486	93578	0.70%	0.025%
228	15.964	15.901	16.006	VV	331014	4547897	34.01%	1.202%
229	16.026	16.006	16.076	VV	13620	232300	1.74%	0.061%
230	16.089	16.076	16.105	VV	1332	12362	0.09%	0.003%
231	16.182	16.105	16.208	PV	6044	186466	1.39%	0.049%
232	16.237	16.208	16.254	VV	7371	124359	0.93%	0.033%
233	16.332	16.254	16.375	VV	138008	2163297	16.18%	0.572%
234	16.396	16.375	16.414	VV	10947	227131	1.70%	0.060%
235	16.458	16.414	16.474	VV	404534	7570175	56.61%	2.002%
236	16.491	16.474	16.552	VV	451442	5722051	42.79%	1.513%
237	16.580	16.552	16.601	VV	24769	333041	2.49%	0.088%
238	16.615	16.601	16.632	VV	6896	99862	0.75%	0.026%
239	16.641	16.632	16.655	VV	4150	53556	0.40%	0.014%
240	16.700	16.655	16.716	VV	10261	227063	1.70%	0.060%
241	16.773	16.716	16.798	VV	81327	1387294	10.37%	0.367%
242	16.840	16.798	16.866	VV	457651	6351003	47.50%	1.679%
243	16.914	16.866	16.953	VV	325690	5079081	37.98%	1.343%
244	16.989	16.953	17.021	VV	56962	950955	7.11%	0.251%
245	17.035	17.021	17.050	VV	8283	131301	0.98%	0.035%
246	17.073	17.050	17.116	VV	8848	284869	2.13%	0.075%

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247	17.139	17.116	17.154	VV	7613	147998	1.11%	0.039%
248	17.188	17.154	17.239	VV	16174	571647		
249	17.275	17.239	17.309	VV	114155	1853381	13.42%	0.039%
250	17.367	17.309	17.397	VV	396669	5945977	44.42%	0.039%
251	17.407	17.397	17.426	VV	16810	262636	1.11%	0.089%
252	17.448	17.426	17.469	VV	24043	420299	2.60%	0.092%
253	17.488	17.469	17.514	VV	15873	337315	2.52%	0.089%
254	17.537	17.514	17.562	VV	17243	347328	2.60%	0.092%
255	17.585	17.562	17.621	VV	9856	319316	2.39%	0.084%
256	17.637	17.621	17.648	VV	11955	169501	1.27%	0.045%
257	17.666	17.648	17.691	VV	10424	266109	1.99%	0.070%
258	17.727	17.691	17.751	VV	22561	555923	4.16%	0.147%
259	17.806	17.751	17.850	VV	315757	5326251	39.83%	1.408%
260	17.894	17.850	17.928	VV	132259	2546471	19.04%	0.673%
261	17.985	17.928	17.997	VV	26046	895779	6.70%	0.237%
262	18.040	17.997	18.088	VV	49649	1636775	12.24%	0.433%
263	18.161	18.088	18.179	VV	143073	3559719	26.62%	0.941%
264	18.223	18.179	18.243	VV	727142	13371570	100.00%	3.535%
265	18.253	18.243	18.281	VV	397933	4724789	35.33%	1.249%
266	18.291	18.281	18.303	VV	35010	440630	3.30%	0.117%
267	18.326	18.303	18.353	VV	54916	1348474	10.08%	0.357%
268	18.367	18.353	18.429	VV	41359	1445604	10.81%	0.382%
269	18.478	18.429	18.523	VV	397870	7271581	54.38%	1.923%
270	18.539	18.523	18.560	VV	37846	806838	6.03%	0.213%
271	18.587	18.560	18.606	VV	52469	1267664	9.48%	0.335%
272	18.639	18.606	18.703	VV	313679	6084784	45.51%	1.609%
273	18.741	18.703	18.792	VV	203858	4318897	32.30%	1.142%
274	18.801	18.792	18.821	VV	34269	559768	4.19%	0.148%
275	18.852	18.821	18.877	VV	38101	1136585	8.50%	0.301%
276	18.997	18.877	19.026	VV	387877	10266720	76.78%	2.714%
277	19.040	19.026	19.091	VV	130754	3675483	27.49%	0.972%
278	19.120	19.091	19.153	VV	78445	2421600	18.11%	0.640%
279	19.176	19.153	19.208	VV	135311	2854923	21.35%	0.755%
280	19.237	19.208	19.259	VV	204822	3818309	28.56%	1.010%
281	19.281	19.259	19.315	VV	152038	3241759	24.24%	0.857%
282	19.336	19.315	19.364	VV	73842	1758314	13.15%	0.465%
283	19.388	19.364	19.398	VV	100792	1589591	11.89%	0.420%
284	19.424	19.398	19.470	VV	315895	6340458	47.42%	1.676%
285	19.496	19.470	19.515	VV	160111	2930938	21.92%	0.775%
286	19.531	19.515	19.561	VV	124222	2443601	18.27%	0.646%
287	19.571	19.561	19.581	VV	54665	658301	4.92%	0.174%
288	19.622	19.581	19.667	VV	72456	3240309	24.23%	0.857%
289	19.695	19.667	19.735	VV	81826	2899944	21.69%	0.767%
290	19.771	19.735	19.807	VV	158416	4712087	35.24%	1.246%
291	19.824	19.807	19.854	VV	90243	2233840	16.71%	0.591%
292	19.868	19.854	19.889	VV	67235	1327569	9.93%	0.351%
293	19.901	19.889	19.921	VV	62432	1164858	8.71%	0.308%
294	19.943	19.921	19.962	VV	65793	1556748	11.64%	0.412%
295	19.989	19.962	20.026	VV	82534	2780948	20.80%	0.735%
296	20.070	20.026	20.083	VV	71633	2343756	17.53%	0.620%
297	20.100	20.083	20.124	VV	78692	1678351	12.55%	0.444%
298	20.164	20.124	20.194	VV	310539	6232705	46.61%	1.648%
299	20.203	20.194	20.241	VV	67882	1611368	12.05%	0.426%

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300	20.279	20.241	20.308	VV	61177	2272868	17.00%	0.601%
301	20.317	20.308	20.360	VV	59663	1818509	13.48%	0.477%
302	20.393	20.360	20.454	VV	80472	3544594	20.75%	0.734%
303	20.493	20.454	20.544	VV	194843	5557705	41.90%	1.556%
304	20.565	20.544	20.679	VV	68284	4721397	35.51%	1.256%
305	20.752	20.679	20.881	VV	65453	6561095	49.90%	1.873%
306	20.926	20.881	20.965	VV	236792	5620188	42.03%	1.486%
307	20.988	20.965	21.047	VV	44094	1802991	13.48%	0.477%
308	21.056	21.047	21.108	VV	32128	1087921	8.14%	0.288%
309	21.139	21.108	21.172	VV	30901	1095280	8.19%	0.290%
310	21.215	21.172	21.225	VV	28201	853010	6.38%	0.226%
311	21.250	21.225	21.288	VV	28462	1004423	7.51%	0.266%
312	21.346	21.288	21.381	VV	26152	1415767	10.59%	0.374%
313	21.441	21.381	21.561	VV	32566	2774966	20.75%	0.734%
314	21.571	21.561	21.584	VV	21154	290846	2.18%	0.077%
315	21.614	21.584	21.649	VV	25246	895000	6.69%	0.237%
316	21.668	21.649	21.686	VV	23107	480780	3.60%	0.127%
317	21.693	21.686	21.726	VV	21881	474791	3.55%	0.126%
318	21.753	21.726	21.798	VV	20769	736032	5.50%	0.195%
319	21.880	21.798	21.931	VV	163980	4748844	35.51%	1.256%
320	21.991	21.931	22.008	VV	15429	655301	4.90%	0.173%
321	22.087	22.008	22.184	VV	35770	2411584	18.04%	0.638%
322	22.201	22.184	22.314	VV	9516	369300	2.76%	0.098%
323	22.333	22.314	22.351	VV	1244	19004	0.14%	0.005%

Manual IntegrationsAPPROVED

Sum of corrected areas: 378218855



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

Manual Integration Report

Sequence:	FC100725AL	Instrument	FID_c
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
10 PPM ALIPHATIC HC	FC069940.D	n-Tetratriacontane (C34)	yogesh	10/7/2025 10:33:24 AM	mohammad	10/8/2025 3:35:18	Peak Integrated by Software

Manual Integration Report

Sequence:	FC102425AL	Instrument	FID_c
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC070027.D	n-Dotriacontane (C32)	yogesh	10/27/2025 8:25:15 AM	 	 	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC070027.D	n-Hexatriacontane (C36)	yogesh	10/27/2025 8:25:15 AM	 	 	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC070027.D	n-Octatriacontane (C38)	yogesh	10/27/2025 8:25:15 AM	 	 	Peak Integrated by Software
PB170249BS	FC070029.D	n-Octacosane (C28)	yogesh	10/27/2025 8:25:17 AM	 	 	Peak Integrated by Software
PB170249BSD	FC070030.D	n-Octacosane (C28)	yogesh	10/27/2025 8:25:18 AM	 	 	Peak Integrated by Software
Q3410-03	FC070031.D	1-chlorooctadecane (SURRE)	yogesh	10/27/2025 8:25:20 AM	 	 	Peak Integrated by Software
Q3410-05	FC070033.D	1-chlorooctadecane (SURRE)	yogesh	10/27/2025 8:25:21 AM	 	 	Peak Integrated by Software
Q3410-06	FC070034.D	1-chlorooctadecane (SURRE)	yogesh	10/27/2025 8:25:23 AM	 	 	Peak Integrated by Software
Q3410-07MS	FC070036.D	n-Dotriacontane (C32)	yogesh	10/27/2025 8:25:26 AM	 	 	Peak Integrated by Software
Q3410-07MS	FC070036.D	n-Hexatriacontane (C36)	yogesh	10/27/2025 8:25:26 AM	 	 	Peak Integrated by Software
Q3410-07MS	FC070036.D	n-Octacosane (C28)	yogesh	10/27/2025 8:25:26 AM	 	 	Peak Integrated by Software
Q3410-07MSD	FC070037.D	n-Dotriacontane (C32)	yogesh	10/27/2025 8:25:27 AM	 	 	Peak Integrated by Software
Q3410-07MSD	FC070037.D	n-Octacosane (C28)	yogesh	10/27/2025 8:25:27 AM	 	 	Peak Integrated by Software



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

Manual Integration Report

Sequence:

FC102425AL

Instrument

FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC070039.D	n-Dotriacontane (C32)	yogesh	10/27/2025 8:25:29 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:

FC102725AL

Instrument

FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170258BS	FC070048.D	n-Tetratriacontane (C34)	yogesh	10/28/2025 8:32:01 AM	 	 	Peak Integrated by Software
Q3451-05MS	FC070052.D	n-Tetratriacontane (C34)	yogesh	10/28/2025 8:32:02 AM	 	 	Peak Integrated by Software

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC100725AL

Review By	yogesh	Review On	10/7/2025 10:33:30 AM
Supervise By	mohammad	Supervise On	10/8/2025 3:35:18 AM
SubDirectory	FC100725AL	HP Acquire Method	HP Processing Method FC100725AL
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		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069935.D	06 Oct 2025 14:47	YP/AJ	Ok
2	I.BLK	FC069936.D	06 Oct 2025 15:31	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069937.D	06 Oct 2025 16:17	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069938.D	06 Oct 2025 17:03	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069939.D	06 Oct 2025 17:50	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069940.D	06 Oct 2025 18:35	YP/AJ	Ok,M
7	5 PPM ALIPHATIC HC STD5	FC069941.D	06 Oct 2025 19:19	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069942.D	06 Oct 2025 20:02	YP/AJ	Ok
9	I.BLK	FC069943.D	06 Oct 2025 21:29	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069944.D	06 Oct 2025 22:12	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102425AL

Review By	yogesh	Review On	10/27/2025 10:56:17 AM
Supervise By		Supervise On	
SubDirectory	FC102425AL	HP Acquire Method	HP Processing Method FC100725AL
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		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC070025.D	24 Oct 2025 10:34	YP/AJ	Ok
2	I.BLK	FC070026.D	24 Oct 2025 11:13	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC070027.D	24 Oct 2025 11:53	YP/AJ	Ok,NS
4	PB170249BL	FC070028.D	24 Oct 2025 14:00	YP/AJ	Ok
5	PB170249BS	FC070029.D	24 Oct 2025 14:39	YP/AJ	Ok,NS
6	PB170249BSD	FC070030.D	24 Oct 2025 15:20	YP/AJ	Ok,NS
7	Q3410-03	FC070031.D	24 Oct 2025 16:02	YP/AJ	Ok,NS
8	Q3410-04	FC070032.D	24 Oct 2025 16:44	YP/AJ	Ok
9	Q3410-05	FC070033.D	24 Oct 2025 17:25	YP/AJ	ReRun
10	Q3410-06	FC070034.D	24 Oct 2025 18:07	YP/AJ	ReRun
11	Q3410-07	FC070035.D	24 Oct 2025 18:48	YP/AJ	Ok
12	Q3410-07MS	FC070036.D	24 Oct 2025 19:29	YP/AJ	Ok,NS
13	Q3410-07MSD	FC070037.D	24 Oct 2025 20:10	YP/AJ	Ok,NS
14	I.BLK	FC070038.D	24 Oct 2025 21:31	YP/AJ	Ok
15	20 PPM ALIPHATIC HC STD	FC070039.D	24 Oct 2025 22:12	YP/AJ	Ok,NS

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102725AL

Review By	yogesh	Review On	10/27/2025 10:57:08 AM
Supervise By		Supervise On	
SubDirectory	FC102725AL	HP Acquire Method	HP Processing Method FC100725AL
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		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC070040.D	27 Oct 2025 08:57	YP/AJ	Ok
2	I.BLK	FC070041.D	27 Oct 2025 09:36	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC070042.D	27 Oct 2025 10:15	YP/AJ	Ok
4	Q3410-05	FC070043.D	27 Oct 2025 10:54	YP/AJ	Ok
5	Q3410-06	FC070044.D	27 Oct 2025 11:34	YP/AJ	Ok
6	I.BLK	FC070045.D	27 Oct 2025 12:54	YP/AJ	Ok
7	20 PPM ALIPHATIC HC STD	FC070046.D	27 Oct 2025 13:34	YP/AJ	Ok
8	PB170258BL	FC070047.D	27 Oct 2025 14:15	YP/AJ	Ok
9	PB170258BS	FC070048.D	27 Oct 2025 14:56	YP/AJ	Ok,NS
10	PB170258BSD	FC070049.D	27 Oct 2025 15:37	YP/AJ	Ok
11	Q3451-05	FC070050.D	27 Oct 2025 16:17	YP/AJ	Ok
12	Q3451-05D	FC070051.D	27 Oct 2025 16:58	YP/AJ	Ok
13	Q3451-05MS	FC070052.D	27 Oct 2025 17:39	YP/AJ	Ok,NS
14	Q3451-05MSD	FC070053.D	27 Oct 2025 18:20	YP/AJ	Ok
15	Q3451-06	FC070054.D	27 Oct 2025 19:01	YP/AJ	Ok
16	I.BLK	FC070055.D	27 Oct 2025 20:23	YP/AJ	Ok
17	20 PPM ALIPHATIC HC STD	FC070056.D	27 Oct 2025 21:03	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC100725AL

Review By	yogesh	Review On	10/7/2025 10:33:30 AM
Supervise By	mohammad	Supervise On	10/8/2025 3:35:18 AM
SubDirectory	FC100725AL	HP Acquire Method	HP Processing Method FC100725AL

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069935.D	06 Oct 2025 14:47		YP/AJ	Ok
2	I.BLK	I.BLK	FC069936.D	06 Oct 2025 15:31		YP/AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FC069937.D	06 Oct 2025 16:17		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069938.D	06 Oct 2025 17:03		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069939.D	06 Oct 2025 17:50		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069940.D	06 Oct 2025 18:35		YP/AJ	Ok,M
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069941.D	06 Oct 2025 19:19		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069942.D	06 Oct 2025 20:02		YP/AJ	Ok
9	I.BLK	I.BLK	FC069943.D	06 Oct 2025 21:29		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069944.D	06 Oct 2025 22:12		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102425AL

Review By	yogesh	Review On	10/27/2025 10:56:17 AM
Supervise By		Supervise On	
SubDirectory	FC102425AL	HP Acquire Method	HP Processing Method FC100725AL
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	FC070025.D	24 Oct 2025 10:34		YP/AJ	Ok
2	I.BLK	I.BLK	FC070026.D	24 Oct 2025 11:13		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC070027.D	24 Oct 2025 11:53		YP/AJ	Ok,NS
4	PB170249BL	PB170249BL	FC070028.D	24 Oct 2025 14:00		YP/AJ	Ok
5	PB170249BS	PB170249BS	FC070029.D	24 Oct 2025 14:39		YP/AJ	Ok,NS
6	PB170249BSD	PB170249BSD	FC070030.D	24 Oct 2025 15:20		YP/AJ	Ok,NS
7	Q3410-03	1	FC070031.D	24 Oct 2025 16:02		YP/AJ	Ok,NS
8	Q3410-04	2	FC070032.D	24 Oct 2025 16:44		YP/AJ	Ok
9	Q3410-05	Q3410-05	FC070033.D	24 Oct 2025 17:25	Surrogate fail	YP/AJ	ReRun
10	Q3410-06	Q3410-06	FC070034.D	24 Oct 2025 18:07	Surrogate fail	YP/AJ	ReRun
11	Q3410-07	5	FC070035.D	24 Oct 2025 18:48		YP/AJ	Ok
12	Q3410-07MS	5MS	FC070036.D	24 Oct 2025 19:29	FC070035.D	YP/AJ	Ok,NS
13	Q3410-07MSD	5MSD	FC070037.D	24 Oct 2025 20:10	FC070035.D!FC070036.D	YP/AJ	Ok,NS
14	I.BLK	I.BLK	FC070038.D	24 Oct 2025 21:31		YP/AJ	Ok
15	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC070039.D	24 Oct 2025 22:12		YP/AJ	Ok,NS

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102725AL

Review By	yogesh	Review On	10/27/2025 10:57:08 AM
Supervise By		Supervise On	
SubDirectory	FC102725AL	HP Acquire Method	HP Processing Method FC100725AL
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	FC070040.D	27 Oct 2025 08:57		YP/AJ	Ok
2	I.BLK	I.BLK	FC070041.D	27 Oct 2025 09:36		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC070042.D	27 Oct 2025 10:15		YP/AJ	Ok
4	Q3410-05	3	FC070043.D	27 Oct 2025 10:54		YP/AJ	Ok
5	Q3410-06	4	FC070044.D	27 Oct 2025 11:34		YP/AJ	Ok
6	I.BLK	I.BLK	FC070045.D	27 Oct 2025 12:54		YP/AJ	Ok
7	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC070046.D	27 Oct 2025 13:34		YP/AJ	Ok
8	PB170258BL	PB170258BL	FC070047.D	27 Oct 2025 14:15		YP/AJ	Ok
9	PB170258BS	PB170258BS	FC070048.D	27 Oct 2025 14:56		YP/AJ	Ok,NS
10	PB170258BSD	PB170258BSD	FC070049.D	27 Oct 2025 15:37		YP/AJ	Ok
11	Q3451-05	TP-12	FC070050.D	27 Oct 2025 16:17		YP/AJ	Ok
12	Q3451-05D	Q3451-05D	FC070051.D	27 Oct 2025 16:58		YP/AJ	Ok
13	Q3451-05MS	TP-12MS	FC070052.D	27 Oct 2025 17:39	FC070050.D	YP/AJ	Ok,NS
14	Q3451-05MSD	TP-12MSD	FC070053.D	27 Oct 2025 18:20	FC070050.D!FC070052.D	YP/AJ	Ok
15	Q3451-06	TP-12-EPH	FC070054.D	27 Oct 2025 19:01		YP/AJ	Ok
16	I.BLK	I.BLK	FC070055.D	27 Oct 2025 20:23		YP/AJ	Ok
17	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC070056.D	27 Oct 2025 21:03		YP/AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137592

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
Q3399-01	COMP-ROLLOFF	13	1.15	10.96	12.11	11.00	89.9	
Q3401-01	41-CONCRETE	1	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3402-01	41-LA	2	1.15	10.90	12.05	8.69	69.2	
Q3402-02	41-LA-E2	3	1.13	10.64	11.77	10.2	85.2	
Q3402-04	41-RA	4	1.16	10.73	11.89	7.61	60.1	
Q3402-05	41-RA-E2	5	1.16	10.98	12.14	7.39	56.7	
Q3402-07	41-LB	6	1.16	10.77	11.93	8.26	65.9	
Q3402-08	41-LB-E2	7	1.16	10.95	12.11	6.22	46.2	
Q3402-10	41-RB	8	1.11	10.87	11.98	7.01	54.3	
Q3402-11	41-RB-E2	9	1.15	10.68	11.83	9.78	80.8	
Q3403-01	MH-18	10	1.19	10.49	11.68	10.75	91.1	
Q3403-02	MH-18-EPH	11	1.16	10.66	11.82	10.8	90.4	
Q3403-03	MH-18-VOC	12	1.19	11.37	12.56	11.59	91.5	
Q3404-01	MOO-25-0285-0288	14	1.15	10.74	11.89	10.22	84.5	
Q3404-03	MOO-25-0285-0288-E2	15	1.19	10.42	11.61	9.77	82.3	
Q3404-04	MOO-25-0292	16	1.18	10.22	11.4	10.5	91.2	
Q3404-07	MOO-25-0292-EPH-2	17	1.14	10.27	11.41	10.44	90.6	
Q3405-01	PAD-10-20-25-A	18	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3405-02	PAD-10-20-25-B	19	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3405-03	PAD-10-20-25-C	20	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3405-04	SW-10-20-25-A	21	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3406-01	ARS20-0037	22	1.18	11.19	12.37	11.24	89.9	
Q3406-03	ARS20-0037-E2	23	1.18	11.48	12.66	11.4	89.0	
Q3407-01	L35-A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-02	L35-B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-03	L36-A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-04	L36-B	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-05	L37-A	28	1.00	1.00	2.00	2.00	100.0	PILC



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137592

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
Q3407-06	L37-B	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-07	L38-A	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-08	L38-B	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-09	L39-A	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-10	L39-B	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-11	L40-A	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-12	L40-B	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-13	L41-A	36	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-14	L41-B	37	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-15	L42-A	38	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-16	L42-B	39	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-17	L43-A	40	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-18	L43-B	41	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-19	L44-A	42	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-20	L44-B	43	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-21	L45-A	44	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-22	L45-B	45	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-23	L46-A	46	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-24	L46-B	47	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-25	L47-A	48	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-26	L47-B	49	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-27	L48-A	50	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-28	L48-B	51	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-29	L49-A	52	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-30	L49-B	53	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-31	L50-A	54	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-32	L50-B	55	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-33	L51-A	56	1.00	1.00	2.00	2.00	100.0	PILC



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137592

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
Q3407-34	L51-B	57	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-35	L52-A	58	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-36	L52-B	59	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-37	L53-A	60	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-38	L53-B	61	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-39	245F69-A	62	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-40	245F69-B	63	1.00	1.00	2.00	2.00	100.0	PILC
Q3408-01	ASPHALT-A	64	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-02	ASPHALT-B	65	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-03	ASPHALT-C	66	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-04	ASPHALT-D	67	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3409-01	EXCAVATION-AREA-A	68	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3409-02	EXCAVATION-AREA-B	69	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3410-01	WASTE	70	1.14	10.45	11.59	9.59	80.9	
Q3410-02	VOC	71	1.15	10.55	11.7	9.64	80.5	
Q3410-03	1	72	1.15	10.97	12.12	9.89	79.7	
Q3410-04	2	73	1.13	11.27	12.4	11.24	89.7	
Q3410-05	3	74	1.16	10.62	11.78	9.6	79.5	
Q3410-06	4	75	1.12	10.50	11.62	9.76	82.3	
Q3410-07	5	76	1.16	10.50	11.66	9.43	78.8	
Q3412-01	TP-6	77	1.14	10.81	11.95	10.84	89.7	
Q3412-02	TP-6-EPH	78	1.18	10.73	11.91	10.7	88.7	
Q3412-03	TP-6-VOC	79	1.15	10.52	11.67	10.38	87.7	
Q3413-01	BP-VPB-184-GW-980-982	80	1.14	11.55	12.69	2.00	7.4	sludge sample
Q3414-01	SB-1	81	1.13	10.12	11.25	11.17	99.2	
Q3414-02	SB-2	82	1.15	10.62	11.77	11.6	98.4	
Q3414-03	SB-3	83	1.13	10.53	11.66	11.4	97.5	
Q3414-04	SB-4	84	1.14	10.28	11.42	11.3	98.8	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137592

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
Q3414-05	SB-5	85	1.16	10.25	11.41	11.34	99.3	
Q3414-06	SB-6	86	1.18	10.36	11.54	11.49	99.5	
Q3414-07	SB-7	87	1.15	10.25	11.4	11.26	98.6	
Q3414-08	SB-8	88	1.19	10.25	11.44	11.14	97.1	
Q3414-09	SB-9	89	1.16	10.31	11.47	11.18	97.2	
Q3414-10	SB-10	90	1.14	10.55	11.69	11.6	99.1	
Q3414-11	SB-11	91	1.19	10.20	11.39	11.04	96.6	
Q3414-12	SB-12	92	1.18	10.10	11.28	10.9	96.2	
Q3414-13	SB-13	93	1.14	10.06	11.2	10.85	96.5	
Q3415-01	50841	94	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3415-02	50842	95	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3415-03	50843	96	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3416-01	NB-08-10212025	97	1.15	10.52	11.67	11.02	93.8	
Q3416-02	NB-08-10212025-E2	98	1.18	10.92	12.1	11.43	93.9	

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

WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Percent Solids	Cool 4 deg C	ICES02	D41	10/20/2025	Chemtech -SO
Q3401-01	41-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-01	41-LA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-02	41-LA-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-04	41-RA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-05	41-RA-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-07	41-LB	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-08	41-LB-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-10	41-RB	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-11	41-RB-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3403-01	MH-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3403-02	MH-18-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3403-03	MH-18-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-01	MOO-25-0285-0288	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-03	MOO-25-0285-0288-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-04	MOO-25-0292	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-07	MOO-25-0292-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3405-01	PAD-10-20-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-02	PAD-10-20-25-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-03	PAD-10-20-25-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-04	SW-10-20-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 15:00
 Raw Sample Received by: SP WC
 Raw Sample Relinquished by: SP WC
 Date/Time 10/21/25
 Raw Sample Received by: SP WC
 Raw Sample Relinquished by: SP WC

WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3406-01	ARS20-0037	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3406-03	ARS20-0037-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3407-01	L35-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-02	L35-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-03	L36-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-04	L36-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-05	L37-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-06	L37-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-07	L38-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-08	L38-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-09	L39-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-10	L39-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-11	L40-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-12	L40-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-13	L41-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-14	L41-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-15	L42-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-16	L42-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-17	L43-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-18	L43-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-19	L44-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 15:00
 Raw Sample Received by: SS WOC
 Raw Sample Relinquished by: QFS

Date/Time 10/21/25 17:30
 Raw Sample Received by: QFS
 Raw Sample Relinquished by: SS WOC

WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3407-20	L44-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-21	L45-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-22	L45-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-23	L46-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-24	L46-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-25	L47-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-26	L47-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-27	L48-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-28	L48-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-29	L49-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-30	L49-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-31	L50-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-32	L50-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-33	L51-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-34	L51-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-35	L52-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-36	L52-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-37	L53-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-38	L53-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-39	245F69-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-40	245F69-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 151.00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 10/21/25 17130
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3408-01	ASPHALT-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-02	ASPHALT-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-03	ASPHALT-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-04	ASPHALT-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3409-01	EXCAVATION-AREA-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3409-02	EXCAVATION-AREA-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3410-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3412-01	TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3412-02	TP-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3412-03	TP-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3413-01	BP-VPB-184-GW-980-982	Solid	Percent Solids	Cool 4 deg C	TETR06	D31	10/20/2025	Chemtech -SO
Q3414-01	SB-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-02	SB-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-03	SB-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-04	SB-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO

Date/Time
10/21/25
15:00

Raw Sample Received by:
TB WWC

Raw Sample Relinquished by:
OPSN

Date/Time
10/21/25
17:230

Raw Sample Received by:
CP SN

Raw Sample Relinquished by:
TB WWC

WORKLIST(Hardcopy Internal Chain)

W-137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3414-05	SB-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-06	SB-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-07	SB-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-08	SB-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-09	SB-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-10	SB-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-11	SB-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-12	SB-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-13	SB-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3415-01	50841	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3415-02	50842	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3415-03	50843	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3416-01	NB-08-10212025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/21/2025	Chemtech -SO
Q3416-02	NB-08-10212025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/21/2025	Chemtech -SO
Q3418-01	101725	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO
Q3418-02	101725-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO
Q3418-03	101725-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO

Date/Time 10/21/25 15:00
 Raw Sample Received by: SB WCC
 Raw Sample Relinquished by: cd sm

Date/Time 10/21/25 17:30
 Raw Sample Received by: cd sm
 Raw Sample Relinquished by: SB WCC

SOP ID: MNJDEP-EPH-8

Clean Up SOP #: N/A **Extraction Start Date :** 10/24/2025

Matrix : Solid **Extraction Start Time :** 09:40

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 10/24/2025

Balance check: EH **Filter By:** RJ **Extraction End Time :** 13:00

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: N/A **Hood ID:** 3,7 **Supervisor By :** RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP25005
Surrogate	1.0ML	100 PPM	PP24941
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	EP2641
Baked Na2SO4	N/A	EP2652
Sand	N/A	E3951
Hexane	N/A	E3978
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

KD Bath ID: N/A **Envap ID:** NEVAP-02

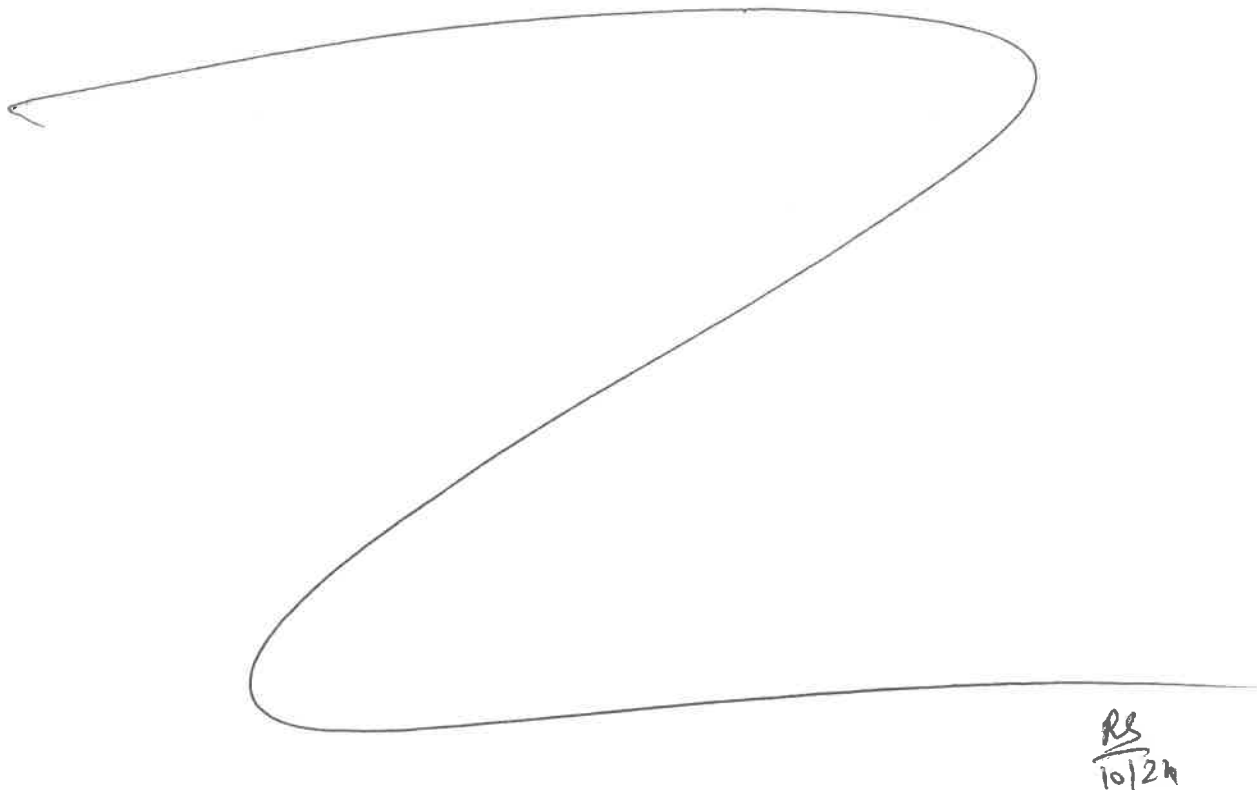
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
<u>10/24/25</u>	<u>RS (Ext Lab)</u>	<u>SR, Pest-SPCB Lab</u>
<u>13:05</u>	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-8

Concentration Date: 10/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170249BL	PB170249BL	EPH_F2	30.01	N/A	ritesh	Evelyn	2			U1-1
PB170249BS	PB170249BS	EPH_F2	30.02	N/A	ritesh	Evelyn	2			2
PB170249BSD	PB170249BSD	EPH_F2	30.03	N/A	ritesh	Evelyn	2			3
Q3410-03	1	EPH_F2	30.09	N/A	ritesh	Evelyn	2			4
Q3410-04	2	EPH_F2	30.04	N/A	ritesh	Evelyn	2			5
Q3410-05	3	EPH_F2	30.07	N/A	ritesh	Evelyn	2			6
Q3410-06	4	EPH_F2	30.02	N/A	ritesh	Evelyn	2			U2-1
Q3410-07	5	EPH_F2	30.05	N/A	ritesh	Evelyn	2			2
Q3410-07MS	5MS	EPH_F2	30.04	N/A	ritesh	Evelyn	2			3
Q3410-07MSD	5MSD	EPH_F2	30.06	N/A	ritesh	Evelyn	2			4



RS
10/24

170269
9-160

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3410 WorkList ID : 192662 Department : Extraction Date : 10-24-2025 09:04:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3410-03	1	Solid	EPH_F2	Cool 4 deg C	SCIA01	J11	10/20/2025	NJEPH
Q3410-04	2	Solid	EPH_F2	Cool 4 deg C	SCIA01	J11	10/20/2025	NJEPH
Q3410-05	3	Solid	EPH_F2	Cool 4 deg C	SCIA01	J11	10/20/2025	NJEPH
Q3410-06	4	Solid	EPH_F2	Cool 4 deg C	SCIA01	J11	10/20/2025	NJEPH
Q3410-07	5	Solid	EPH_F2	Cool 4 deg C	SCIA01	J11	10/20/2025	NJEPH

Date/Time 10/24/25 9:35
Raw Sample Received by: RJ (Ext-06)
Raw Sample Relinquished by: [Signature]

Date/Time 10/24/25 9:55
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RJ (Ext-06)



SHIPPING DOCUMENTS

49 Moore Place



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

Chemtech Project Number	Beck, II
COC Number	Beck, II

CLIENT INFORMATION			PROJECT INFORMATION				BILLING INFORMATION												
Report to be sent to:			PROJECT NAME:		BILL TO:		PO#												
COMPANY:			PROJECT #:		LOCATION:		ADDRESS:												
ADDRESS:			PROJECT MANAGER:		CITY:		STATE:		ZIP:										
CITY: STATE: ZIP:			E-MAIL:		ATTENTION:														
ATTENTION:			PHONE:		FAX:		PHONE:												
PHONE: FAX:			DATA DELIVERABLE INFORMATION				ANALYSIS												
DATA TURNAROUND INFORMATION																			
FAX (RUSH) _____ DAYS*			☐ Level 1 (Results Only)				☐ Level 4 (QC + Full Raw Data)												
HARDCOPY (DATA PACKAGE): _____ DAYS*			☐ Level 2 (Results + QC)				☐ NJ Reduced ☐ US EPA CLP												
EDD: _____ DAYS*			☐ Level 3 (Results + QC + Raw Data)				☐ NYS ASP A ☐ NYS ASP B												
*TO BE APPROVED BY CHEMTECH			☐ EDD FORMAT				☐ Other _____												
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS																			
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS		
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	A-HCl	D-NaOH	
1.	WASTE				10/20	2-	1	X											
2.	VOC					830	1		X										
3.	1					1030	1			X									
4.	2					10-	1			X									
5.	3					245	1			X									
6.	4					915	1			X									
7.	5					915	1			X									
8.																			
9.																			
10.																			
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																			
RELINQUISHED BY SAMPLER		DATE/TIME 1550		RECEIVED BY		1550		Conditions of bottles or collars at receipt: ☒ COMPLAINT ☐ NON COMPLAINT ☐ COOLER TEMP 3.5°											
1.		10-20-25		1.		10-20-25		Comments:											
RELINQUISHED BY		DATE/TIME		RECEIVED BY															
2.				2.															
RELINQUISHED BY		DATE/TIME 1710		RECEIVED FOR LAB BY				CLIENT: ☐ Hand Delivered ☐ Other: _____											
3.		10-20-25		3.				CHEMTECH: ☐ Picked Up											
																		Shipment Complete	
																		☐ YES ☐ NO	

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

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

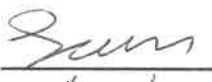
LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3410	SCIA01	Order Date : 10/20/2025 4:05:00 PM	Project Mgr :
Client Name : Sciacca General Contractor:		Project Name : 49 Moore Place Belleville	Report Type : Results Only
Client Contact : Rosanne Scirica		Receive DateTime : 10/20/2025 5:00:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Sciacca General Contractor:		Purchase Order : 5:10:00 	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
Q3410-02	VOC	Solid	10/20/2025	08:30	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : 

Date / Time : 10-20-25

Received By : 

Date / Time : 10/21/25 8:00

Storage Area : VOA Refridgerator Room

1846
P22