



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	07/25/25
Project:	Freehold	Date Received:	07/25/25
Client Sample ID:	FG1A	SDG No.:	Q2705
Lab Sample ID:	Q2705-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
07/28/25 09:00	07/29/25 11:39	PB169021

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	54.4		2	2.58	4.37	mg/kg	FE055063.D
Aliphatic C9-C28	Aliphatic C9-C28	2.62	J	1	0.99	4.37	mg/kg	FE055051.D
Total AliphaticEPH	Total AliphaticEPH	57.0			3.57	8.74	mg/kg	
Total EPH	Total EPH	57.0			3.57	8.74	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	07/25/25
Project:	Freehold	Date Received:	07/25/25
Client Sample ID:	FG1A	SDG No.:	Q2705
Lab Sample ID:	Q2705-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055051.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	2.62	J	0.99	4.37	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	55.6	E	1.29	2.19	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.8		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.6		40 - 140	57%	SPK: 50



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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2705-01	Acq On:	28 Jul 2025 16:50
Client Sample ID:	FG1A	Operator:	YP\AJ
Data file:	FE055051.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.324	6.959	404757	3.265	300	ug/ml
Aliphatic C12-C16	6.960	10.413	1013613	7.626	200	ug/ml
Aliphatic C16-C21	10.414	13.792	1169776	8.92	300	ug/ml
Aliphatic C21-C28	13.793	17.462	2018560	16.18	400	ug/ml
Aliphatic C28-C40	17.463	22.490	91893567	762.673	600	ug/ml
Aliphatic EPH	3.324	22.490	96500273	798.664		ug/ml
ortho-Terphenyl (SURR)	12.091	12.091	4230434	28.58		ug/ml
1-chlorooctadecane (SURR)	13.527	13.527	3339559	29.82		ug/ml
Aliphatic C9-C28	3.324	17.462	4606706	35.991	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	07/25/25
Project:	Freehold	Date Received:	07/25/25
Client Sample ID:	FG1ADL	SDG No.:	Q2705
Lab Sample ID:	Q2705-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055063.D	2	07/28/25	07/29/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.04	J	1.99	8.75	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	54.4		2.58	4.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	14.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	14.5		40 - 140	58%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2705-01DL	Acq On:	29 Jul 2025 11:39
Client Sample ID:	FG1ADL	Operator:	YP\AJ
Data file:	FE055063.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.325	6.960	811815	6.548	300	ug/ml
Aliphatic C12-C16	6.961	10.412	666943	5.018	200	ug/ml
Aliphatic C16-C21	10.413	13.792	643260	4.905	300	ug/ml
Aliphatic C21-C28	13.793	17.463	1174717	9.416	400	ug/ml
Aliphatic C28-C40	17.464	22.491	44932779	372.921	600	ug/ml
Aliphatic EPH	3.325	22.491	48229514	398.808		ug/ml
ortho-Terphenyl (SURR)	12.089	12.089	2149407	14.52		ug/ml
1-chlorooctadecane (SURR)	13.525	13.525	1671596	14.93		ug/ml
Aliphatic C9-C28	3.325	17.463	3296735	25.887	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	07/25/25
Project:	Freehold	Date Received:	07/25/25
Client Sample ID:	FG1B	SDG No.:	Q2705
Lab Sample ID:	Q2705-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.9
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

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

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	35.7		1	1.37	2.33	mg/kg	FE055052.D
Aliphatic C9-C28	Aliphatic C9-C28	4.50	J	1	1.06	4.64	mg/kg	FE055052.D
Total AliphaticEPH	Total AliphaticEPH	40.2			2.43	6.97	mg/kg	
Total EPH	Total EPH	40.2			2.43	6.97	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	07/25/25
Project:	Freehold	Date Received:	07/25/25
Client Sample ID:	FG1B	SDG No.:	Q2705
Lab Sample ID:	Q2705-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.9
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055052.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.50	J	1.06	4.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	35.7		1.37	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.5		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.6		40 - 140	71%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2705-02	Acq On:	28 Jul 2025 17:21
Client Sample ID:	FG1B	Operator:	YP\AJ
Data file:	FE055052.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.324	6.959	327425	2.641	300	ug/ml
Aliphatic C12-C16	6.960	10.413	814119	6.125	200	ug/ml
Aliphatic C16-C21	10.414	13.792	4995857	38.097	300	ug/ml
Aliphatic C21-C28	13.793	17.462	1408018	11.286	400	ug/ml
Aliphatic C28-C40	17.463	22.490	55539065	460.948	600	ug/ml
Aliphatic EPH	3.324	22.490	63084484	519.097		ug/ml
ortho-Terphenyl (SURR)	12.092	12.092	5266198	35.58		ug/ml
1-chlorooctadecane (SURR)	13.529	13.529	4202139	37.52		ug/ml
Aliphatic C9-C28	3.324	17.462	7545419	58.149	1200	ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2705</u>
Run Number:	<u>FC072825AL</u>		

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

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

ortho-Terphenyl (SURR)

(40-140)

Column to be used to flag recovery values

* Values outside of contract required QC Limits

D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01
Lab Code: ACE SDG No.: Q2705
Run Number: FE072825AL

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

QC LIMITS

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

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

A
B
C
D
E
F
G
H
I
J

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01
 Lab Code: ACE SDG No.: Q2705
 Run Number: FE072925AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)	TOT OUT
FGIADL	60	58	0

QC LIMITS

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

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

A
B
C
D
E
F
G
H
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J

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2705</u>
Sample No :	<u>Q2706-01MS</u>	Datafile:	<u>FC069552.D</u>
		Client ID :	<u>RT-5417MS</u>

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

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.6	0.0000	2.0617	57		(40-140)
n-Decane (C10)	3.6	0.0000	4.7365	132		(40-140)
Naphthalene (C11.7)	3.6	0.0000	2.5249	70		(40-140)
n-Dodecane (C12)	3.6	0.0000	2.4044	67		(40-140)
2-methylnaphthalene (C12.89)	3.6	0.0000	2.4756	69		(40-140)
n-Tetradecane (C14)	3.6	0.0000	2.5658	71		(40-140)
n-Hexadecane (C16)	3.6	0.0000	2.6552	74		(40-140)
n-Octadecane (C18)	3.6	0.0000	2.7632	77		(40-140)
n-Eicosane (C20)	3.6	0.0000	3.0225	84		(40-140)
n-Heneicosane (C21)	3.6	0.0000	2.9652	82		(40-140)
n-Docosane (C22)	3.6	0.0000	2.9739	83		(40-140)
n-Tetracosane (C24)	7.2	0.0000	9.0512	126		(40-140)
n-Hexacosane (C26)	3.6	0.0000	3.0021	83		(40-140)
n-Octacosane (C28)	3.6	0.0000	3.1499	87		(40-140)
n-Tricontane (C30)	3.6	0.0000	3.0471	85		(40-140)
n-Dotriacontane (C32)	3.6	0.0000	3.1301	87		(40-140)
n-Tetratriacontane (C34)	3.6	0.0000	3.5669	99		(40-140)
n-Hexatriacontane (C36)	3.6	0.0000	4.5623	127		(40-140)
n-Octatriacontane (C38)	3.6	0.0000	4.4430	123		(40-140)
n-Tetracontane (C40)	3.6	0.0000	3.8391	107		(40-140)

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2705</u>
Sample No :	<u>Q2706-01MSD</u>	Datafile:	<u>FC069553.D</u>
		Client ID :	<u>RT-5417MSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	32.5	11.6	44.2	100		4.92 (40-140) 50
Aliphatic C9-C28	108.4	4.26	83.8	73		1.2 (40-140) 50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
n-Nonane (C9)	3.6	0.0000	2.1669	60		5.13 (40-140) 50
n-Decane (C10)	3.6	0.0000	4.9770	138		4.44 (40-140) 50
Naphthalene (C11.7)	3.6	0.0000	2.6530	74		5.56 (40-140) 50
n-Dodecane (C12)	3.6	0.0000	2.5323	70		4.38 (40-140) 50
2-methylnaphthalene (C12.89)	3.6	0.0000	2.6024	72		4.26 (40-140) 50
n-Tetradecane (C14)	3.6	0.0000	2.7082	75		5.48 (40-140) 50
n-Hexadecane (C16)	3.6	0.0000	2.8009	78		5.26 (40-140) 50
n-Octadecane (C18)	3.6	0.0000	2.9129	81		5.06 (40-140) 50
n-Eicosane (C20)	3.6	0.0000	3.1817	88		4.65 (40-140) 50
n-Heneicosane (C21)	3.6	0.0000	3.1180	87		5.92 (40-140) 50
n-Docosane (C22)	3.6	0.0000	3.1278	87		4.71 (40-140) 50
n-Tetracosane (C24)	7.2	0.0000	9.5039	132		4.65 (40-140) 50
n-Hexacosane (C26)	3.6	0.0000	3.1535	88		5.85 (40-140) 50
n-Octacosane (C28)	3.6	0.0000	3.3107	92		5.59 (40-140) 50
n-Tricontane (C30)	3.6	0.0000	3.2064	89		4.6 (40-140) 50
n-Dotriacontane (C32)	3.6	0.0000	3.2961	92		5.59 (40-140) 50
n-Tetratriacontane (C34)	3.6	0.0000	3.7597	104		4.93 (40-140) 50
n-Hexatriacontane (C36)	3.6	0.0000	4.2695	119		6.5 (40-140) 50
n-Octatriacontane (C38)	3.6	0.0000	4.6073	128		3.98 (40-140) 50
n-Tetracontane (C40)	3.6	0.0000	4.0645	113		5.45 (40-140) 50

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental
Lab Code: ACE **SDG No:** Q2705
Sample No : PB169021BS **Datafile:** FC069548.D **Client ID :** PB169021BS

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

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

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2705</u>
Sample No :	<u>PB169021BSD</u>	Datafile:	<u>FC069549.D</u>
		Client ID :	<u>PB169021BSD</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	28.1	94		0.395 (40-140)	25
Aliphatic C9-C28	99.9	63.4	64		1.8 (40-140)	25

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

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169021BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q2705

Instrument ID: FID_C

Lab Sample ID: PB169021BL

Matrix: (soil/water) Solid

Date Extracted: 7/28/2025 9:00:00 A

Level: (low/med) low

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

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

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Freehold	Date Received:	
Client Sample ID:	PB169021BL	SDG No.:	Q2705
Lab Sample ID:	PB169021BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/28/25 09:00	07/28/25 15:18	PB169021

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC069547.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FC069547.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	6.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Freehold	Date Received:	
Client Sample ID:	PB169021BL	SDG No.:	Q2705
Lab Sample ID:	PB169021BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069547.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.4		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.9		40 - 140	76%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169021BL	Acq On:	28 Jul 2025 15:18
Client Sample ID:	PB169021BL	Operator:	YP/AJ
Data file:	FC069547.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	0	0	300	ug/ml
Aliphatic C12-C16	6.603	10.006	0	0	200	ug/ml
Aliphatic C16-C21	10.007	13.376	0	0	300	ug/ml
Aliphatic C21-C28	13.377	17.043	0	0	400	ug/ml
Aliphatic C28-C40	17.044	22.029	0	0	600	ug/ml
Aliphatic EPH	3.303	22.029	0	0		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5620598	37.87		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4343627	38.44		ug/ml
Aliphatic C9-C28	3.303	17.043	0	0	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Freehold	Date Received:	
Client Sample ID:	PB169021BS	SDG No.:	Q2705
Lab Sample ID:	PB169021BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

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

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	28.2		1	1.18	2.00	mg/kg	FC069548.D
Aliphatic C9-C28	Aliphatic C9-C28	64.4		1	0.91	3.99	mg/kg	FC069548.D
Total AliphaticEPH	Total AliphaticEPH	92.6			2.09	5.99	mg/kg	
Total EPH	Total EPH	92.6			2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Freehold	Date Received:	
Client Sample ID:	PB169021BS	SDG No.:	Q2705
Lab Sample ID:	PB169021BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069548.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	64.4		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	28.2		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.6		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169021BS	Acq On:	28 Jul 2025 16:02
Client Sample ID:	PB169021BS	Operator:	YP/AJ
Data file:	FC069548.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	25723311	185.06	300	ug/ml
Aliphatic C12-C16	6.603	10.006	31555562	219.024	200	ug/ml
Aliphatic C16-C21	10.007	13.376	33042644	242.966	300	ug/ml
Aliphatic C21-C28	13.377	17.043	38024114	319.56	400	ug/ml
Aliphatic C28-C40	17.044	22.029	38094288	423.82	600	ug/ml
Aliphatic EPH	3.303	22.029	166439919	1390		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5162985	34.79		ug/ml
1-chlorooctadecane (SURR)	13.112	13.112	4026589	35.63		ug/ml
Aliphatic C9-C28	3.303	17.043	128345631	966.61	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Freehold	Date Received:	
Client Sample ID:	PB169021BSD	SDG No.:	Q2705
Lab Sample ID:	PB169021BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/28/25 09:00	07/28/25 16:46	PB169021

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	28.1		1	1.18	2.00	mg/kg	FC069549.D
Aliphatic C9-C28	Aliphatic C9-C28	63.4		1	0.91	3.99	mg/kg	FC069549.D
Total AliphaticEPH	Total AliphaticEPH	91.5			2.09	5.99	mg/kg	
Total EPH	Total EPH	91.5			2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Freehold	Date Received:	
Client Sample ID:	PB169021BSD	SDG No.:	Q2705
Lab Sample ID:	PB169021BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069549.D	1	07/28/25	07/28/25	PB169021

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



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Quantitation Report For Aliphatic EPH Range.

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

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	24866102	178.893	300	ug/ml
Aliphatic C12-C16	6.603	10.006	30943675	214.777	200	ug/ml
Aliphatic C16-C21	10.007	13.376	32746815	240.791	300	ug/ml
Aliphatic C21-C28	13.377	17.043	37824915	317.886	400	ug/ml
Aliphatic C28-C40	17.044	22.029	37917988	421.859	600	ug/ml
Aliphatic EPH	3.303	22.029	164299495	1370		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5112813	34.45		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	3985231	35.26		ug/ml
Aliphatic C9-C28	3.303	17.043	126381507	952.347	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Freehold	Date Received:	
Client Sample ID:	RT-5417MS	SDG No.:	Q2705
Lab Sample ID:	Q2706-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

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

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	42.5		1	1.28	2.17	mg/kg	FC069552.D
Aliphatic C9-C28	Aliphatic C9-C28	84.7		1	0.99	4.32	mg/kg	FC069552.D
Total AliphaticEPH	Total AliphaticEPH	127			2.27	6.49	mg/kg	
Total EPH	Total EPH	127			2.27	6.49	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Freehold		Date Received:	
Client Sample ID:	RT-5417MS		SDG No.:	Q2705
Lab Sample ID:	Q2706-01MS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	92.2
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069552.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	84.7		0.99	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	42.5		1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.1		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.4		40 - 140	71%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2706-01MS	Acq On:	28 Jul 2025 19:02
Client Sample ID:	RT-5417MS	Operator:	YP/AJ
Data file:	FC069552.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	23622062	169.944	300	ug/ml
Aliphatic C12-C16	6.603	10.006	33482574	232.399	200	ug/ml
Aliphatic C16-C21	10.007	13.376	49994136	367.612	300	ug/ml
Aliphatic C21-C28	13.377	17.043	47993099	403.34	400	ug/ml
Aliphatic C28-C40	17.044	22.029	52965934	589.275	600	ug/ml
Aliphatic EPH	3.303	22.029	208057805	1760		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5251696	35.39		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4195405	37.12		ug/ml
Aliphatic C9-C28	3.303	17.043	155091871	1170	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Freehold	Date Received:	
Client Sample ID:	RT-5417MSD	SDG No.:	Q2705
Lab Sample ID:	Q2706-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/28/25 09:00	07/28/25 19:46	PB169021

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	44.2	E	1	1.28	2.17	mg/kg	FC069553.D
Aliphatic C9-C28	Aliphatic C9-C28	83.8		1	0.99	4.33	mg/kg	FC069553.D
Total AliphaticEPH	Total AliphaticEPH	128			2.27	6.50	mg/kg	
Total EPH	Total EPH	128			2.27	6.50	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Freehold	Date Received:	
Client Sample ID:	RT-5417MSD	SDG No.:	Q2705
Lab Sample ID:	Q2706-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069553.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	83.8		0.99	4.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	44.2	E	1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.0		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.1		40 - 140	74%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2706-01MSD	Acq On:	28 Jul 2025 19:46
Client Sample ID:	RT-5417MSD	Operator:	YP/AJ
Data file:	FC069553.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	24789350	178.341	300	ug/ml
Aliphatic C12-C16	6.603	10.006	35194892	244.284	200	ug/ml
Aliphatic C16-C21	10.007	13.376	42497727	312.49	300	ug/ml
Aliphatic C21-C28	13.377	17.043	50307736	422.793	400	ug/ml
Aliphatic C28-C40	17.044	22.029	54970151	611.573	600	ug/ml
Aliphatic EPH	3.303	22.029	207759856	1770		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5511304	37.14		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	4406683	38.99		ug/ml
Aliphatic C9-C28	3.303	17.043	152789705	1160	1200	ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC071525AL

AreaCount

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

AVG Response Factor

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

Concentration

Parameter Range	FC069448.D	FC069449.D	FC069450.D	FC069451.D	FC069452.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

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

Initial Calibration Report for SequenceID : FC071525AL

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

Initial Calibration Report for SequenceID : FE072625AL

AreaCount

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

AVG Response Factor

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

Concentration

Parameter Range	FE055032.D	FE055033.D	FE055034.D	FE055035.D	FE055036.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

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

Initial Calibration Report for SequenceID : FE072625AL

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

Continuing Calibration Report for SequenceID : FC072825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC069543.D

Aliphatic C9-C12	8377980.000	60.000	3.303	6.602	139633.000	138999.501	-0.456
Aliphatic C12-C16	5704222.000	40.000	6.603	10.006	142605.550	144073.407	1.019
Aliphatic C16-C21	8072340.000	60.000	10.007	13.376	134539.000	135996.946	1.072
Aliphatic C21-C28	9651896.000	80.000	13.377	17.043	120648.700	118989.055	-1.395
Aliphatic C28-C40	11839341.000	120.000	17.044	22.029	98661.175	89883.162	-9.766
Aliphatic EPH	43645779.000	360.000	3.303	22.029	121238.275	118243.964	-2.532

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	28 Jul 2025 12:24
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069543.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

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

Continuing Calibration Report for SequenceID : FC072825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC069555.D

Aliphatic C9-C12	8223559.000	60.000	3.303	6.602	137059.317	138999.501	1.396
Aliphatic C12-C16	5506419.000	40.000	6.603	10.006	137660.475	144073.407	4.451
Aliphatic C16-C21	7854249.000	60.000	10.007	13.376	130904.150	135996.946	3.745
Aliphatic C21-C28	9541715.000	80.000	13.377	17.043	119271.438	118989.055	-0.237
Aliphatic C28-C40	11960903.000	120.000	17.044	22.029	99674.192	89883.162	-10.893
Aliphatic EPH	43086845.000	360.000	3.303	22.029	119685.681	118243.964	-1.219

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	28 Jul 2025 21:59
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069555.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

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

Continuing Calibration Report for SequenceID : FE072825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE055046.D

Aliphatic C28-C40	13569433.000	120.000	17.463	22.490	113078.608	120488.802	6.150
Aliphatic EPH	43256454.000	360.000	3.324	22.490	120156.817	125173.222	4.008
Aliphatic C9-C12	7098023.000	60.000	3.324	6.959	118300.383	123975.587	4.578
Aliphatic C12-C16	5092912.000	40.000	6.960	10.413	127322.800	132914.920	4.207
Aliphatic C16-C21	7661007.000	60.000	10.414	13.792	127683.450	131135.111	2.632
Aliphatic C21-C28	9835079.000	80.000	13.793	17.462	122938.488	124755.813	1.457

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	28 Jul 2025 14:18
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055046.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

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

Continuing Calibration Report for SequenceID : FE072825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE055055.D

Aliphatic C28-C40	14024627.000	120.000	17.463	22.490	116871.892	120488.802	3.002
Aliphatic EPH	43865425.000	360.000	3.324	22.490	121848.403	125173.222	2.656
Aliphatic C9-C12	7116058.000	60.000	3.324	6.959	118600.967	123975.587	4.335
Aliphatic C12-C16	5109090.000	40.000	6.960	10.413	127727.250	132914.920	3.903
Aliphatic C16-C21	7715073.000	60.000	10.414	13.792	128584.550	131135.111	1.945
Aliphatic C21-C28	9900577.000	80.000	13.793	17.462	123757.213	124755.813	0.800

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Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	28 Jul 2025 19:23
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055055.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

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

Continuing Calibration Report for SequenceID : FE072925AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE055058.D

Aliphatic C9-C12	7325862.000	60.000	3.325	6.960	122097.700	123975.587	1.515
Aliphatic C12-C16	5242820.000	40.000	6.961	10.412	131070.500	132914.920	1.388
Aliphatic C16-C21	7929976.000	60.000	10.413	13.792	132166.267	131135.111	-0.786
Aliphatic C21-C28	10186540.000	80.000	13.793	17.463	127331.750	124755.813	-2.065
Aliphatic C28-C40	14319282.000	120.000	17.464	22.491	119327.350	120488.802	0.964
Aliphatic EPH	45004480.000	360.000	3.325	22.491	125012.444	125173.222	0.128

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	29 Jul 2025 08:57
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055058.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

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

Continuing Calibration Report for SequenceID : FE072925AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE055065.D

Aliphatic C9-C12	7271021.000	60.000	3.325	6.960	121183.683	123975.587	2.252
Aliphatic C12-C16	5205576.000	40.000	6.961	10.412	130139.400	132914.920	2.088
Aliphatic C16-C21	7820807.000	60.000	10.413	13.792	130346.783	131135.111	0.601
Aliphatic C21-C28	10078718.000	80.000	13.793	17.463	125983.975	124755.813	-0.984
Aliphatic C28-C40	14383470.000	120.000	17.464	22.491	119862.250	120488.802	0.520
Aliphatic EPH	44759592.000	360.000	3.325	22.491	124332.200	125173.222	0.672

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	29 Jul 2025 13:10
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055065.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

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



SAMPLE RAW DATA

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

Instrument :
 FID_E
 ClientSampleId :
 FG1A

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

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.091	4230434	28.580 ug/ml
Spiked Amount 50.000		Recovery =	57.16%
12) S 1-chlorooctadecane (S...	13.527	3339559	29.822 ug/ml
Spiked Amount 50.000		Recovery =	59.64%

Target Compounds

(f)=RT Delta > 1/2 Window

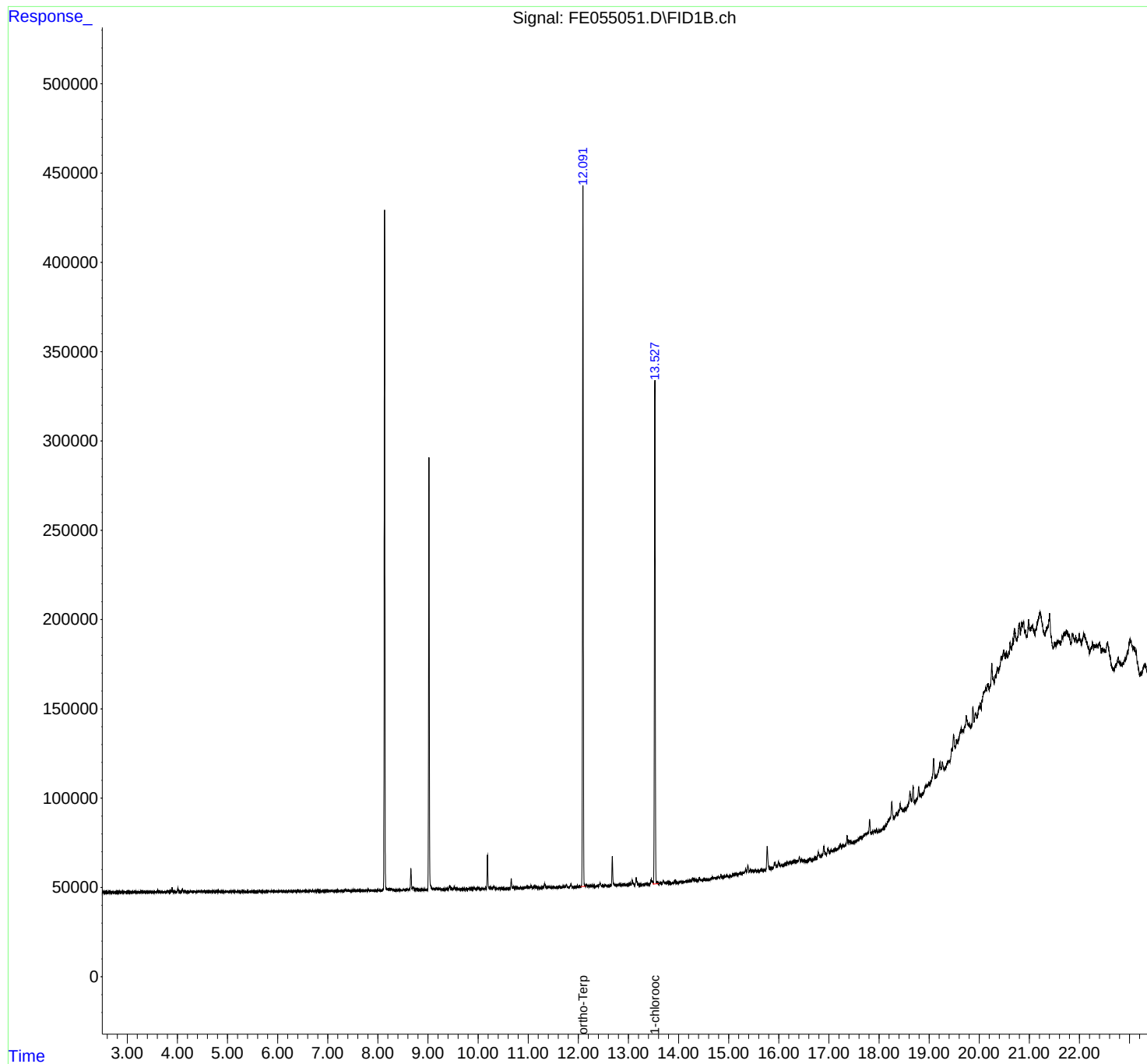
(m)=manual int.

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

Instrument :
FID_E
ClientSampleId :
FG1A

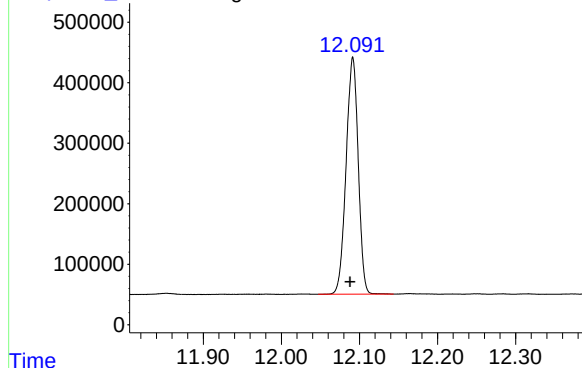
Integration File: sample.E
Quant Time: Jul 29 02:39:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
Quant Title : GC Extractables
QLast Update : Sat Jul 26 03:55:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Signal: FE055051.D\FID1B.ch

#9 ortho-Terphenyl (SURR)

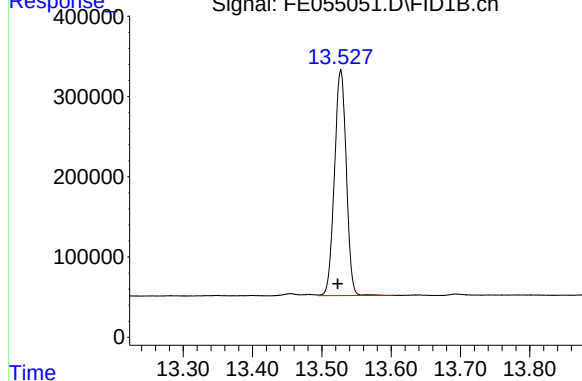


R.T.: 12.091 min
Delta R.T.: 0.003 min
Response: 4230434
Conc: 28.58 ug/ml

Instrument :
FID_E
ClientSampleId :
FG1A

Signal: FE055051.D\FID1B.ch

#12 1-chlorooctadecane (SURR)



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

rteres

Area Percent Report

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

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.842	2.805	2.876	BV	265	4589	0.06%	0.004%
2	2.895	2.876	3.040	VV	133	8616	0.12%	0.008%
3	3.052	3.040	3.141	VV	124	5417	0.07%	0.005%
4	3.167	3.141	3.215	VV	236	4412	0.06%	0.004%
5	3.267	3.215	3.280	VV	297	6537	0.09%	0.006%
6	3.297	3.280	3.343	VV	300	8406	0.11%	0.008%
7	3.354	3.343	3.362	VV	137	1265	0.02%	0.001%
8	3.425	3.362	3.448	VV	253	7774	0.11%	0.007%
9	3.459	3.448	3.501	PV	137	4005	0.05%	0.004%
10	3.505	3.501	3.525	VV	185	1722	0.02%	0.002%
11	3.535	3.525	3.559	VV	149	2706	0.04%	0.002%
12	3.571	3.559	3.584	VV	159	1954	0.03%	0.002%
13	3.606	3.584	3.642	VV	925	12448	0.17%	0.011%
14	3.651	3.642	3.681	VV	170	3125	0.04%	0.003%
15	3.692	3.681	3.699	VV	172	1305	0.02%	0.001%
16	3.706	3.699	3.725	VV	123	1722	0.02%	0.002%
17	3.729	3.725	3.739	VV	162	985	0.01%	0.001%
18	3.752	3.739	3.765	VV	151	1804	0.02%	0.002%
19	3.778	3.765	3.787	VV	145	1805	0.02%	0.002%
20	3.802	3.787	3.841	VV	329	7051	0.10%	0.006%
21	3.854	3.841	3.873	VV	366	5102	0.07%	0.005%
22	3.894	3.873	3.986	VV	2654	32787	0.44%	0.029%
23	4.010	3.986	4.051	VV	2315	24816	0.34%	0.022%
24	4.101	4.051	4.135	VV	2000	24565	0.33%	0.022%
25	4.140	4.135	4.191	VV	225	4962	0.07%	0.004%
26	4.222	4.191	4.247	VV	265	6594	0.09%	0.006%
27	4.265	4.247	4.327	VV	455	13091	0.18%	0.012%
28	4.335	4.327	4.368	VV	222	3826	0.05%	0.003%
29	4.381	4.368	4.390	VV	178	2014	0.03%	0.002%
30	4.410	4.390	4.429	VV	435	6947	0.09%	0.006%
31	4.450	4.429	4.466	VV	399	6681	0.09%	0.006%
32	4.474	4.466	4.495	VV	252	3474	0.05%	0.003%
33	4.543	4.495	4.592	VV	249	11092	0.15%	0.010%
34	4.601	4.592	4.615	VV	170	2210	0.03%	0.002%
35	4.632	4.615	4.642	VV	267	3254	0.04%	0.003%
36	4.684	4.642	4.713	VV	385	9843	0.13%	0.009%

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

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

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

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

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247	15.912	15.885	15.952	VV	2669	65254	0.88%	0.059%
248	15.993	15.952	16.035	VV	3433	79741	1.08%	0.072%
249	16.056	16.035	16.069	VV	1221	19576	0.26%	0.018%
250	16.183	16.069	16.198	VV	1588	85788	1.16%	0.077%
251	16.225	16.198	16.267	VV	1659	56758	0.77%	0.051%
252	16.298	16.267	16.328	VV	1597	50707	0.69%	0.046%
253	16.342	16.328	16.355	VV	1379	20940	0.28%	0.019%
254	16.373	16.355	16.387	VV	1779	29295	0.40%	0.026%
255	16.411	16.387	16.435	VV	3507	62442	0.84%	0.056%
256	16.457	16.435	16.503	VV	1612	45858	0.62%	0.041%
257	16.524	16.503	16.535	VV	635	9168	0.12%	0.008%
258	16.618	16.535	16.675	VV	1198	39345	0.53%	0.035%
259	17.723	16.675	16.751	PV	861	25159	0.34%	0.023%
260	16.788	16.751	16.838	VV	3417	71750	0.97%	0.065%
261	16.899	16.838	16.948	VV	5369	109420	1.48%	0.098%
262	16.981	16.948	17.011	PV	3420	54315	0.73%	0.049%
263	17.052	17.011	17.068	VV	1041	28362	0.38%	0.025%
264	17.126	17.068	17.158	VV	1117	36475	0.49%	0.033%
265	17.228	17.158	17.258	VV	2415	64345	0.87%	0.058%
266	17.284	17.258	17.303	VV	1670	25296	0.34%	0.023%
267	17.363	17.303	17.388	VV	5713	98475	1.33%	0.089%
268	17.407	17.388	17.428	VV	2507	43311	0.59%	0.039%
269	17.440	17.428	17.468	VV	2183	25606	0.35%	0.023%
270	17.475	17.468	17.498	VV	645	6077	0.08%	0.005%
271	17.628	17.498	17.638	VV	1569	60121	0.81%	0.054%
272	17.648	17.638	17.668	VV	1319	19898	0.27%	0.018%
273	17.733	17.668	17.761	VV	2386	97546	1.32%	0.088%
274	17.813	17.761	17.843	VV	9323	185813	2.51%	0.167%
275	17.867	17.843	17.882	VV	1722	30896	0.42%	0.028%
276	17.903	17.882	17.922	VV	2271	34982	0.47%	0.031%
277	17.942	17.922	17.981	VV	1910	38854	0.53%	0.035%
278	18.010	17.981	18.021	PV	773	11765	0.16%	0.011%
279	18.046	18.021	18.057	PV	278	5499	0.07%	0.005%
280	18.254	18.057	18.306	PV	12571	482300	6.52%	0.434%
281	18.348	18.306	18.367	VV	5138	140515	1.90%	0.126%
282	18.421	18.367	18.482	VV	8823	364815	4.93%	0.328%
283	18.528	18.482	18.539	VV	4643	135471	1.83%	0.122%
284	18.617	18.539	18.648	VV	12624	449021	6.07%	0.404%
285	18.680	18.648	18.714	VV	14052	343249	4.64%	0.309%
286	18.791	18.714	18.835	VV	12065	507526	6.86%	0.456%
287	18.855	18.835	18.865	VV	6866	114353	1.55%	0.103%
288	18.943	18.865	18.966	VV	10251	522380	7.06%	0.470%
289	18.994	18.966	19.018	VV	10626	308367	4.17%	0.277%
290	19.089	19.018	19.121	VV	22580	870080	11.76%	0.782%
291	19.129	19.121	19.148	VV	12397	190823	2.58%	0.172%
292	19.213	19.148	19.238	VV	18355	795224	10.75%	0.715%
293	19.263	19.238	19.295	VV	17964	530909	7.18%	0.477%
294	19.316	19.295	19.332	VV	14067	302985	4.10%	0.272%
295	19.450	19.332	19.465	VV	21862	1346936	18.21%	1.211%
296	19.488	19.465	19.521	VV	29538	853019	11.53%	0.767%
297	19.546	19.521	19.559	VV	25778	539798	7.30%	0.485%
298	19.640	19.559	19.655	VV	30996	1547739	20.93%	1.391%
299	19.669	19.655	19.688	VV	29288	575268	7.78%	0.517%

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

					rt	Area	Area%	Area%
352	23.222	23.203	23.239	VV	2120	26984	0.36%	0.024%
353	23.281	23.239	23.291	PV	1306	19557	0.26%	0.018%
Sum of corrected areas:						111231597		

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

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

Instrument :
FID_E
ClientSampleId :
FG1ADL

A
B
C
D
E
F
G
H
I
J

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

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.089	2149407	14.521 ug/ml
Spiked Amount	50.000	Recovery	= 29.04%
12) S 1-chlorooctadecane (S...	13.525	1671596	14.927 ug/ml
Spiked Amount	50.000	Recovery	= 29.85%

Target Compounds

(f)=RT Delta > 1/2 Window

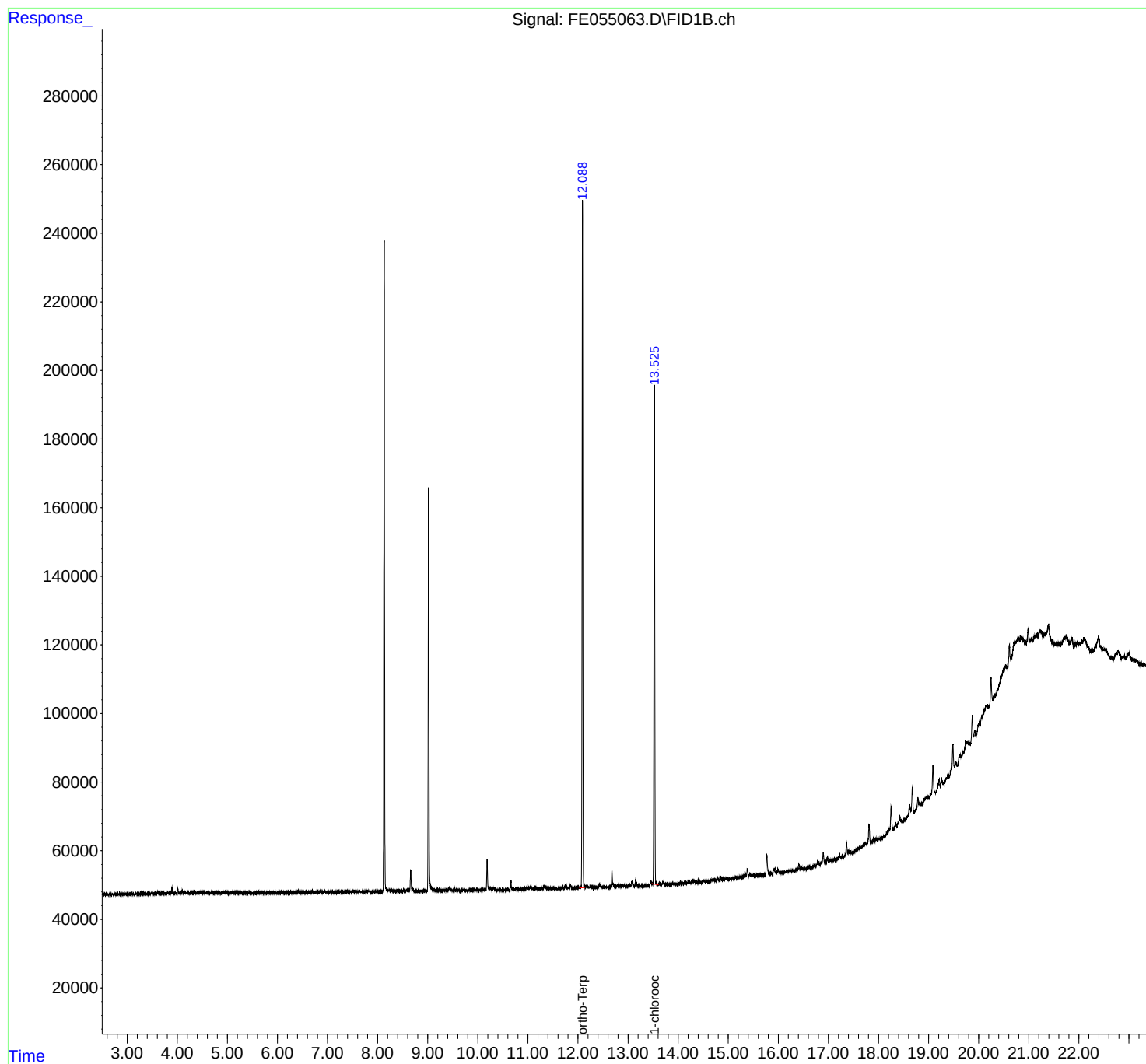
(m)=manual int.

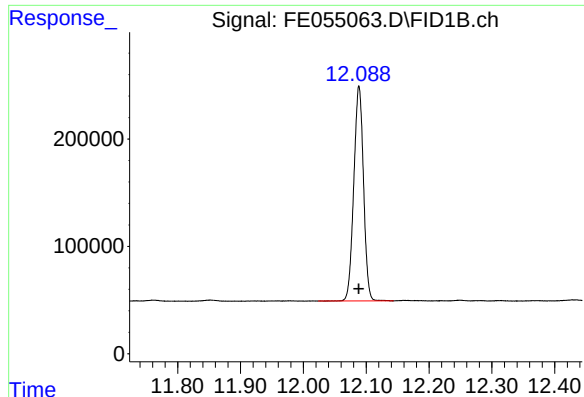
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
Data File : FE055063.D
Signal(s) : FID1B.ch
Acq On : 29 Jul 2025 11:39
Operator : YP\AJ
Sample : Q2705-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
FG1ADL

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

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

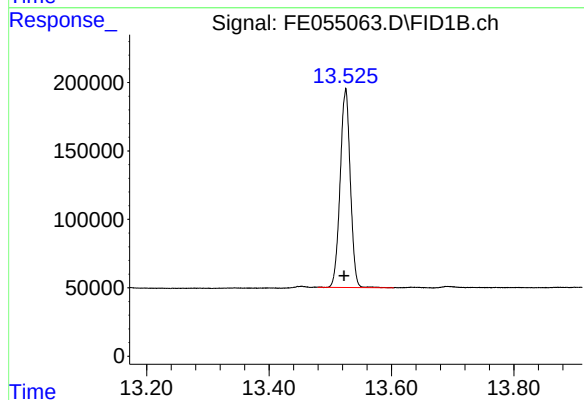




#9 ortho-Terphenyl (SURR)

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

Instrument :
FID_E
ClientSampleId :
FG1ADL



#12 1-chlorooctadecane (SURR)

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

rteres

Area Percent Report

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

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.845	2.804	2.874	BV	202	3228	0.11%	0.006%
2	2.913	2.874	2.969	VV	160	6350	0.22%	0.012%
3	2.978	2.969	3.001	VV	132	1343	0.05%	0.003%
4	3.044	3.001	3.058	VV	124	2326	0.08%	0.004%
5	3.102	3.058	3.141	VV	143	4667	0.16%	0.009%
6	3.162	3.141	3.208	VV	216	5098	0.17%	0.010%
7	3.280	3.208	3.291	VV	250	9131	0.31%	0.018%
8	3.302	3.291	3.321	VV	269	4268	0.15%	0.008%
9	3.328	3.321	3.391	VV	267	7647	0.26%	0.015%
10	3.401	3.391	3.410	VV	234	1997	0.07%	0.004%
11	3.427	3.410	3.466	VV	300	7101	0.24%	0.014%
12	3.481	3.466	3.500	VV	266	4096	0.14%	0.008%
13	3.606	3.500	3.639	VV	679	23330	0.80%	0.045%
14	3.651	3.639	3.699	VV	354	11264	0.39%	0.022%
15	3.710	3.699	3.748	VV	387	9417	0.32%	0.018%
16	3.773	3.748	3.798	VV	351	9803	0.34%	0.019%
17	3.815	3.798	3.838	VV	474	8771	0.30%	0.017%
18	3.894	3.838	3.927	VV	2111	34132	1.17%	0.065%
19	3.944	3.927	3.958	VV	368	5934	0.20%	0.011%
20	3.962	3.958	3.989	VV	389	6337	0.22%	0.012%
21	4.011	3.989	4.062	VV	1705	26603	0.91%	0.051%
22	4.101	4.062	4.171	VV	1294	31839	1.09%	0.061%
23	4.194	4.171	4.204	VV	422	7173	0.25%	0.014%
24	4.228	4.204	4.235	VV	446	7602	0.26%	0.015%
25	4.242	4.235	4.248	VV	414	3091	0.11%	0.006%
26	4.313	4.248	4.389	VV	496	35359	1.21%	0.068%
27	4.408	4.389	4.431	VV	555	11959	0.41%	0.023%
28	4.450	4.431	4.501	VV	623	20640	0.71%	0.040%
29	4.545	4.501	4.558	VV	519	15441	0.53%	0.030%
30	4.562	4.558	4.602	VV	488	11471	0.39%	0.022%
31	4.611	4.602	4.634	VV	445	7643	0.26%	0.015%
32	4.644	4.634	4.666	VV	429	7891	0.27%	0.015%
33	4.685	4.666	4.737	VV	554	19510	0.67%	0.037%
34	4.746	4.737	4.836	VV	503	24758	0.85%	0.047%
35	4.849	4.836	4.865	VV	450	6774	0.23%	0.013%
36	4.878	4.865	4.888	VV	403	5253	0.18%	0.010%

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

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

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

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

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247	17.439	17.424	17.474	VV	2274	53926	1.85%	0.103%
248	17.549	17.474	17.558	VV	2131	90167	3.09%	0.173%
249	17.630	17.558	17.658	VV	2707	143858	4.93%	0.276%
250	17.738	17.658	17.757	VV	3385	176865	6.06%	0.339%
251	17.776	17.757	17.783	VV	3609	51587	1.77%	0.099%
252	17.812	17.783	17.848	VV	8538	201200	6.89%	0.386%
253	17.865	17.848	17.880	VV	3646	66609	2.28%	0.128%
254	17.898	17.880	17.918	VV	4098	83172	2.85%	0.160%
255	17.948	17.918	17.978	VV	4139	133730	4.58%	0.257%
256	18.004	17.978	18.018	VV	3988	89332	3.06%	0.171%
257	18.251	18.018	18.298	VV	12360	887904	30.42%	1.703%
258	18.342	18.298	18.367	VV	7330	258956	8.87%	0.497%
259	18.419	18.367	18.441	VV	9151	334520	11.46%	0.642%
260	18.453	18.441	18.486	VV	7691	197707	6.77%	0.379%
261	18.525	18.486	18.536	VV	7724	224389	7.69%	0.430%
262	18.618	18.536	18.648	VV	11493	605372	20.74%	1.161%
263	18.675	18.648	18.710	VV	16388	448668	15.37%	0.861%
264	18.785	18.710	18.834	VV	13049	786695	26.96%	1.509%
265	18.855	18.834	18.868	VV	11051	217688	7.46%	0.418%
266	18.912	18.868	18.922	VV	12352	374381	12.83%	0.718%
267	18.949	18.922	18.973	VV	12434	377731	12.94%	0.725%
268	19.085	18.973	19.139	VV	21312	1403793	48.10%	2.693%
269	19.211	19.139	19.232	VV	16774	835834	28.64%	1.603%
270	19.258	19.232	19.283	VV	17153	484594	16.60%	0.930%
271	19.390	19.283	19.406	VV	17622	1200649	41.14%	2.303%
272	19.541	19.517	19.576	VV	20883	705225	24.16%	1.353%
273	19.633	19.576	19.649	VV	22619	935787	32.06%	1.795%
274	19.677	19.649	19.687	VV	23049	515236	17.65%	0.988%
275	19.741	19.687	19.811	VV	26450	1839454	63.03%	3.529%
276	19.872	19.811	19.903	VV	33124	1521505	52.13%	2.919%
277	19.919	19.903	19.960	VV	28397	954433	32.70%	1.831%
278	20.015	19.960	20.032	VV	30891	1269813	43.51%	2.436%
279	20.151	20.032	20.171	VV	35095	2776953	95.15%	5.327%
280	20.180	20.171	20.214	VV	35169	882923	30.25%	1.694%
281	20.247	20.214	20.282	VV	42873	1554872	53.28%	2.983%
282	20.312	20.282	20.322	VV	37758	898542	30.79%	1.724%
283	20.438	20.322	20.446	VV	42347	2918522	100.00%	5.599%
284	20.537	20.446	20.556	VV	45535	2891392	99.07%	5.547%
285	20.613	20.556	20.648	VV	50833	2586159	88.61%	4.961%
286	20.703	20.648	20.718	VV	51568	2065430	70.77%	3.962%
287	20.783	20.718	20.798	VV	52611	2495880	85.52%	4.788%
288	20.805	20.798	20.823	VV	52519	776279	26.60%	1.489%
289	20.837	20.823	20.884	VV	52468	1921353	65.83%	3.686%
290	20.887	20.884	20.916	VV	51987	978410	33.52%	1.877%
291	20.927	20.916	20.947	VV	51143	952644	32.64%	1.828%
292	20.985	20.947	21.027	VV	54258	2474762	84.80%	4.748%
293	21.054	21.027	21.071	VV	51428	1341804	45.98%	2.574%
Sum of corrected areas:							52127294	

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

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

Instrument :
 FID_E
 ClientSampleId :
 FG1B

A
B
C
D
E
F
G
H
I
J

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

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.092	5266198	35.577 ug/ml
Spiked Amount 50.000		Recovery =	71.15%
12) S 1-chlorooctadecane (S...	13.529	4202139	37.525 ug/ml
Spiked Amount 50.000		Recovery =	75.05%

Target Compounds

(f)=RT Delta > 1/2 Window

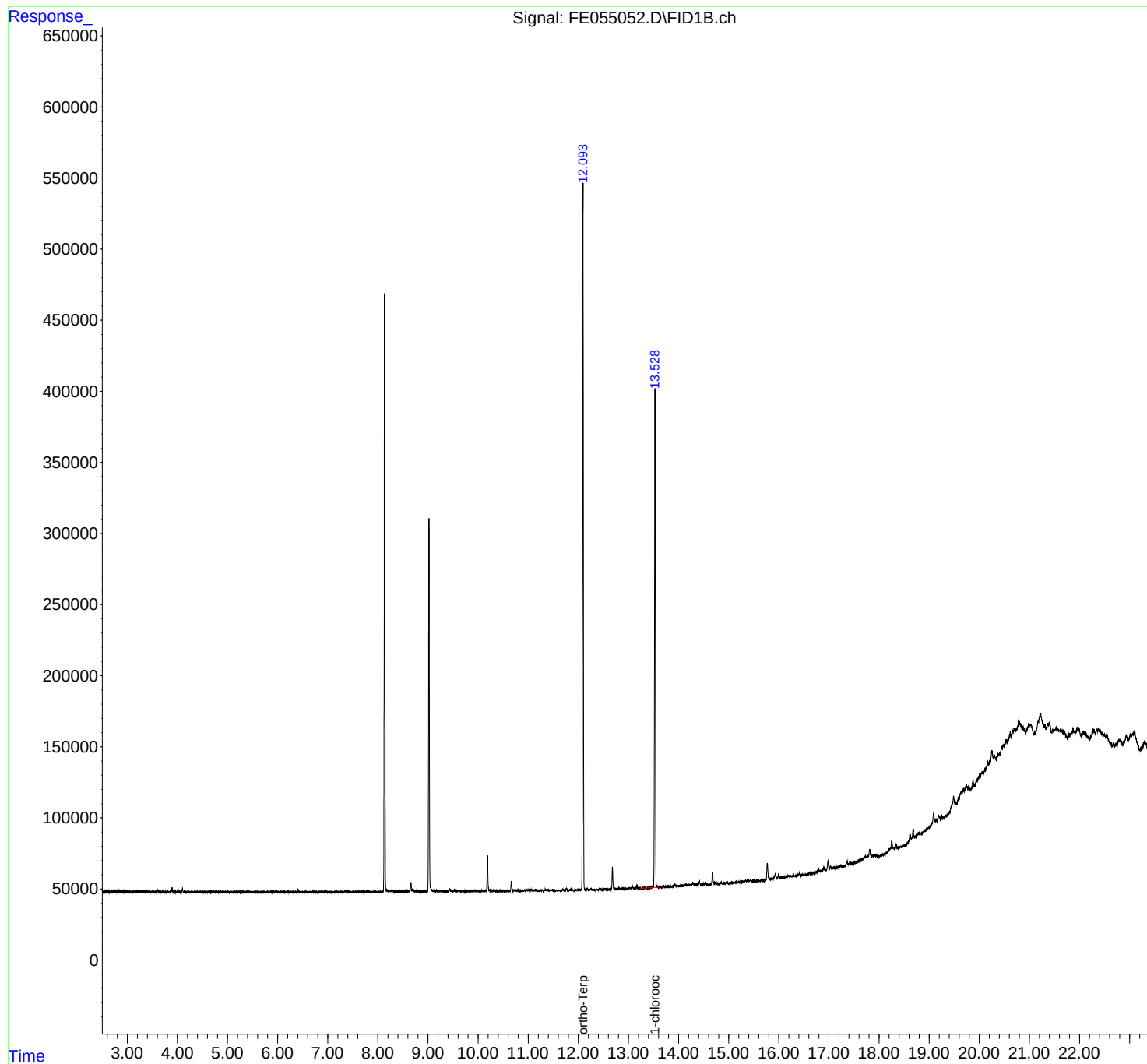
(m)=manual int.

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

Instrument :
FID_E
ClientSampleId :
FG1B

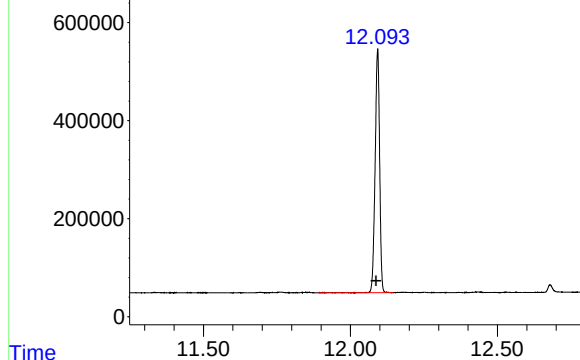
Integration File: sample.E
Quant Time: Jul 29 02:40:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
Quant Title : GC Extractables
QLast Update : Sat Jul 26 03:55:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Signal: FE055052.D\FID1B.ch

#9 ortho-Terphenyl (SURR)

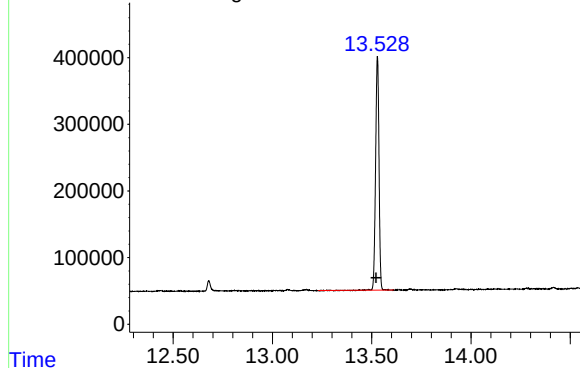


R.T.: 12.092 min
Delta R.T.: 0.004 min
Response: 5266198
Conc: 35.58 ug/ml

Instrument :
FID_E
ClientSampleId :
FG1B

Signal: FE055052.D\FID1B.ch

#12 1-chlorooctadecane (SURR)



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

rteres

Area Percent Report

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

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.841	2.804	2.884	PV	254	4504	0.08%	0.007%
2	2.913	2.884	3.004	PV	208	5343	0.09%	0.008%
3	3.015	3.004	3.091	PV	63	2231	0.04%	0.003%
4	3.156	3.091	3.202	VV	191	4955	0.08%	0.007%
5	3.244	3.202	3.253	PV	237	2798	0.05%	0.004%
6	3.267	3.253	3.385	VV	339	11279	0.19%	0.016%
7	3.426	3.385	3.441	VV	191	3542	0.06%	0.005%
8	3.445	3.441	3.478	VV	114	1620	0.03%	0.002%
9	3.482	3.478	3.548	VV	112	2581	0.04%	0.004%
10	3.558	3.548	3.568	VV	134	1069	0.02%	0.002%
11	3.572	3.568	3.588	VV	144	845	0.01%	0.001%
12	3.606	3.588	3.683	PV	889	11332	0.19%	0.017%
13	3.697	3.683	3.755	VV	146	3231	0.05%	0.005%
14	3.801	3.755	3.840	VV	273	6538	0.11%	0.010%
15	3.856	3.840	3.868	VV	267	3096	0.05%	0.005%
16	3.894	3.868	3.951	VV	2862	30257	0.51%	0.044%
17	4.010	3.951	4.065	VV	2532	25677	0.43%	0.038%
18	4.101	4.065	4.159	PV	1942	21770	0.37%	0.032%
19	4.168	4.159	4.175	VV	92	486	0.01%	0.001%
20	4.226	4.175	4.241	VV	141	4142	0.07%	0.006%
21	4.248	4.241	4.261	VV	105	1138	0.02%	0.002%
22	4.279	4.261	4.391	VV	318	10691	0.18%	0.016%
23	4.411	4.391	4.430	VV	363	5748	0.10%	0.008%
24	4.447	4.430	4.475	VV	285	5210	0.09%	0.008%
25	4.484	4.475	4.531	VV	182	4017	0.07%	0.006%
26	4.569	4.531	4.592	VV	212	5116	0.09%	0.007%
27	4.622	4.592	4.661	VV	242	6893	0.12%	0.010%
28	4.684	4.661	4.731	VV	364	7360	0.12%	0.011%
29	4.741	4.731	4.754	VV	157	1627	0.03%	0.002%
30	4.759	4.754	4.781	VV	114	1253	0.02%	0.002%
31	4.796	4.781	4.835	VV	130	2176	0.04%	0.003%
32	4.850	4.835	4.908	VV	177	3270	0.06%	0.005%
33	4.926	4.908	5.040	VV	175	7130	0.12%	0.010%
34	5.056	5.040	5.095	VV	146	3911	0.07%	0.006%
35	5.103	5.095	5.117	VV	195	1812	0.03%	0.003%
36	5.140	5.117	5.149	VV	174	2202	0.04%	0.003%

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

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

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

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

Sum of corrected areas: 68391048

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

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

Instrument :
FID_C
ClientSampleId :
PB169021BL

A
B
C
D
E
F
G
H
I
J

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

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.676	5620598	37.873 ug/ml
Spiked Amount	50.000	Recovery	= 75.75%
12) S 1-chlorooctadecane (S...	13.111	4343627	38.436 ug/ml
Spiked Amount	50.000	Recovery	= 76.87%

Target Compounds

(f)=RT Delta > 1/2 Window

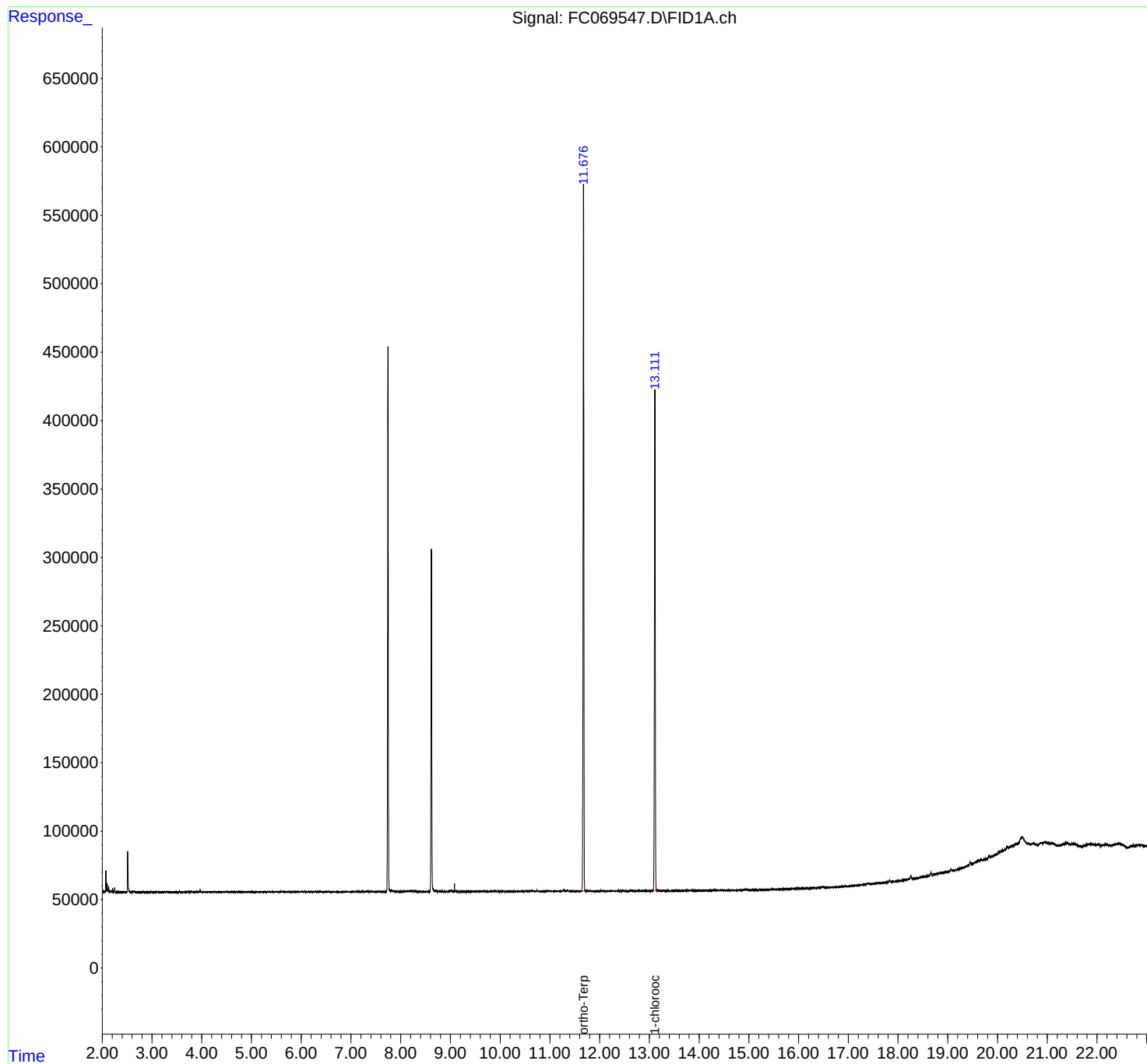
(m)=manual int.

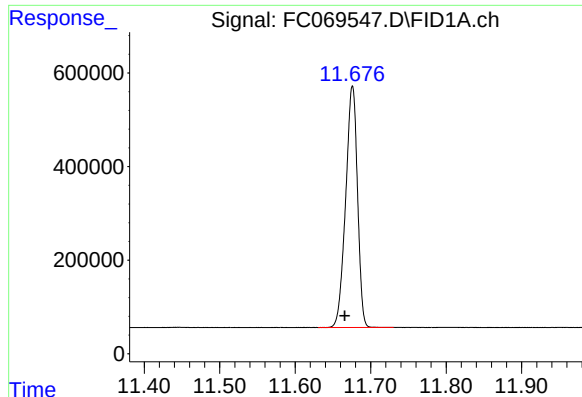
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
Data File : FC069547.D
Signal(s) : FID1A.ch
Acq On : 28 Jul 2025 15:18
Operator : YP/AJ
Sample : PB169021BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169021BL

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

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

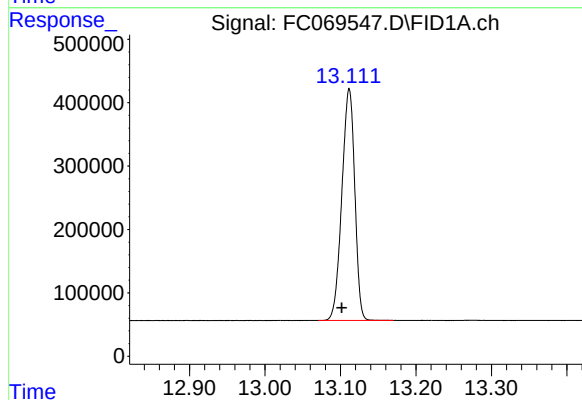




#9 ortho-Terphenyl (SURR)

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

Instrument :
FID_C
ClientSampleId :
PB169021BL



#12 1-chlorooctadecane (SURR)

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

rteres

Area Percent Report

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

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	11.676	11.630	11.730	BB	516735	5620598	100.00%	56.408%
2	13.111	13.070	13.170	BB	366378	4343627	77.28%	43.592%
Sum of corrected areas:						9964224		

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

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

Instrument :
 FID_C
 ClientSampleId :
 PB169021BS

A
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Integration File: sample.E
 Quant Time: Jul 29 01:16:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

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

(f)=RT Delta > 1/2 Window

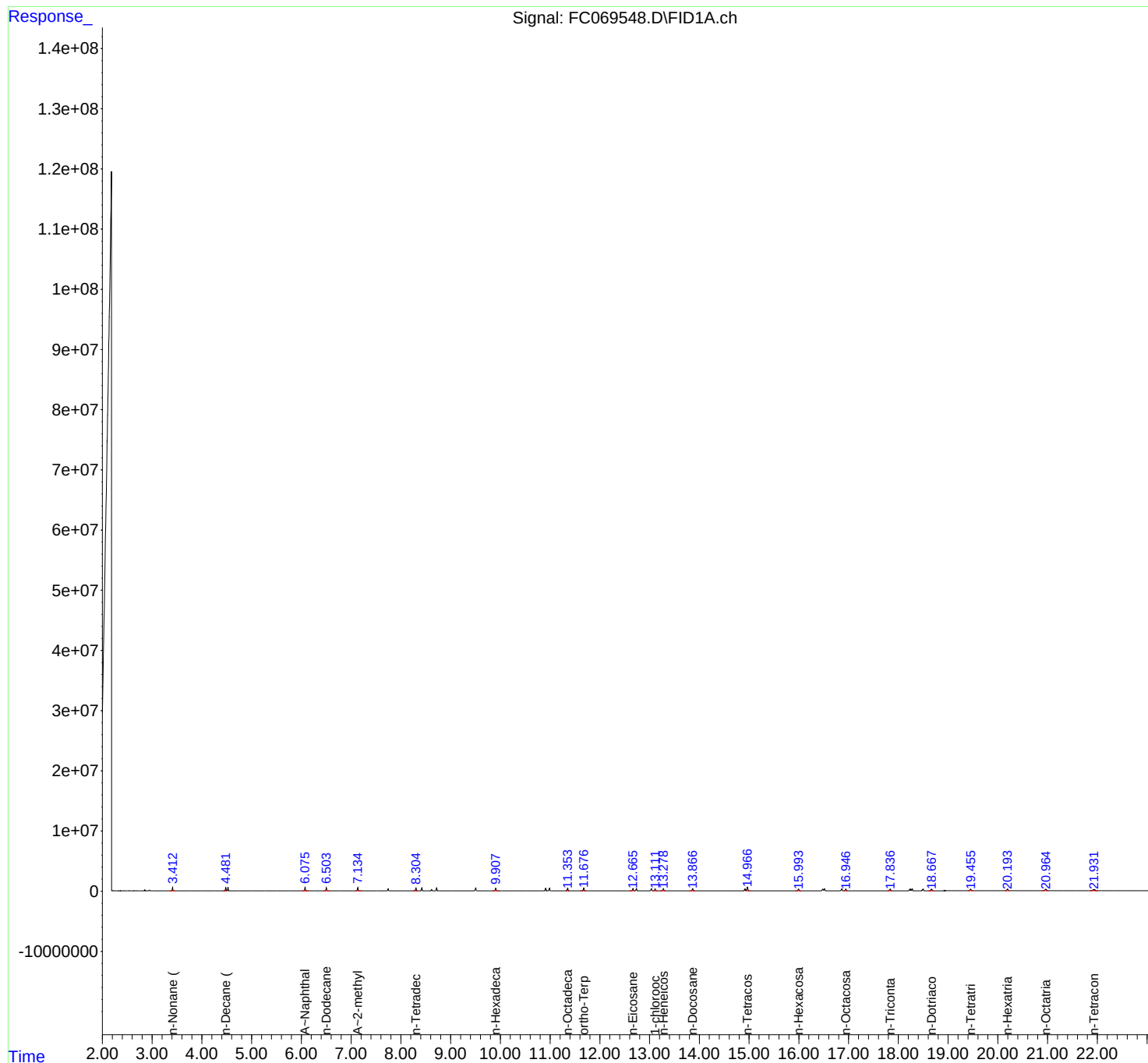
(m)=manual int.

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

Instrument :
FID_C
ClientSampleId :
PB169021BS

Integration File: sample.E
Quant Time: Jul 29 01:16:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

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

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.412	3.359	3.459	BB	558121	4567665	53.38%	2.601%
2	4.481	4.425	4.503	BV	560348	4943545	57.78%	2.815%
3	4.526	4.503	4.568	VV	616060	5370140	62.76%	3.058%
4	6.075	6.012	6.145	BB	628161	5686088	66.46%	3.238%
5	6.503	6.449	6.565	BB	529872	5155873	60.26%	2.936%
6	7.134	7.084	7.215	BB	527978	5230541	61.13%	2.978%
7	8.304	8.240	8.347	BB	499974	5066871	59.22%	2.885%
8	8.421	8.354	8.475	BB	542795	5453137	63.73%	3.105%
9	8.719	8.682	8.772	BB	525747	5440366	63.58%	3.098%
10	9.505	9.444	9.584	BB	508204	5325478	62.24%	3.032%
11	9.907	9.840	9.985	BB	459759	5039169	58.90%	2.869%
12	10.911	10.835	10.950	BV	449346	4900417	57.27%	2.790%
13	10.988	10.950	11.044	VB	458975	4853032	56.72%	2.763%
14	11.353	11.310	11.392	BB	430016	4849922	56.68%	2.761%
15	11.676	11.609	11.725	BB	482753	5162985	60.34%	2.940%
16	12.665	12.595	12.700	BV	419094	4814349	56.27%	2.741%
17	12.736	12.700	12.792	VB	402216	4552883	53.21%	2.592%
18	13.037	12.964	13.065	BV	408409	4530294	52.95%	2.579%
19	13.112	13.065	13.165	VB	338809	4026589	47.06%	2.293%
20	13.278	13.209	13.327	BB	373599	4541747	53.08%	2.586%
21	13.866	13.795	13.917	BB	371011	4425176	51.72%	2.520%
22	14.918	14.845	14.938	BV	342180	4293912	50.19%	2.445%
23	14.966	14.938	15.024	VB	645391	8556113	100.00%	4.872%
24	15.994	15.920	16.049	BB	322668	4072361	47.60%	2.319%
25	16.481	16.407	16.497	BV	302177	4311459	50.39%	2.455%
26	16.517	16.497	16.559	VB	359948	4248729	49.66%	2.419%
27	16.864	16.790	16.900	BV	338237	4204939	49.15%	2.394%
28	16.945	16.900	16.979	VV	281564	3911425	45.71%	2.227%
29	17.836	17.780	17.874	BB	290763	3941116	46.06%	2.244%
30	18.241	18.057	18.256	BV	302211	4553030	53.21%	2.592%
31	18.278	18.256	18.339	VB	323920	4122902	48.19%	2.347%
32	18.498	18.419	18.535	BB	293421	4057439	47.42%	2.310%
33	18.668	18.595	18.719	BV	292093	3963764	46.33%	2.257%
34	19.453	19.400	19.509	BB	286292	4261790	49.81%	2.427%
35	20.195	20.140	20.233	BV	279468	4260697	49.80%	2.426%
36	20.964	20.880	21.014	BB	246569	4469928	52.24%	2.545%

37 21.931 21.840 22.017 BB 178968 4463622 52.17% 2.541%
rteres
Sum of corrected areas: 175629493

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

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

Instrument :
 FID_C
 ClientSampleId :
 PB169021BSD

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Integration File: sample.E
 Quant Time: Jul 29 01:16:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

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

(f)=RT Delta > 1/2 Window

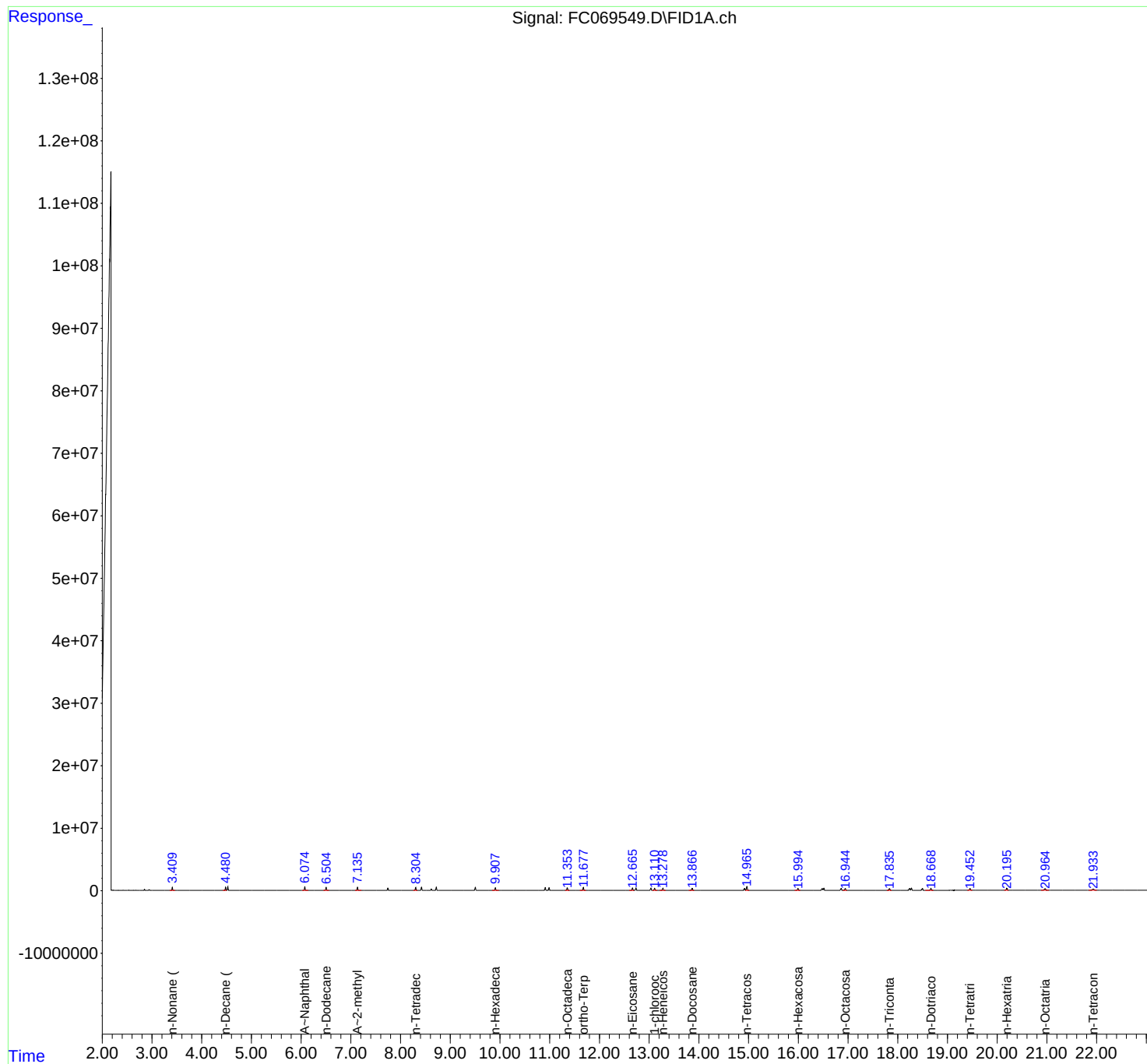
(m)=manual int.

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

Instrument :
FID_C
ClientSampleId :
PB169021BSD

Integration File: sample.E
Quant Time: Jul 29 01:16:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

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

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.410	3.355	3.464	BB	534655	4402803	51.74%	2.539%
2	4.480	4.427	4.502	BV	543713	4760370	55.95%	2.745%
3	4.525	4.502	4.568	VV	603279	5191774	61.02%	2.994%
4	6.074	6.022	6.142	BB	588035	5534159	65.04%	3.192%
5	6.504	6.447	6.560	BB	502087	4976996	58.49%	2.870%
6	7.134	7.084	7.214	BB	534157	5109023	60.04%	2.946%
7	8.304	8.255	8.339	BB	475622	4919496	57.82%	2.837%
8	8.421	8.355	8.474	BB	538007	5368830	63.10%	3.096%
9	8.719	8.682	8.772	BB	545919	5354252	62.92%	3.088%
10	9.504	9.445	9.579	BB	512214	5266806	61.90%	3.037%
11	9.907	9.842	9.977	BB	444891	4925268	57.88%	2.840%
12	10.911	10.832	10.952	BV	462139	4870906	57.24%	2.809%
13	10.987	10.952	11.045	VV	449243	4827966	56.74%	2.784%
14	11.353	11.310	11.399	BB	417616	4763530	55.98%	2.747%
15	11.676	11.607	11.729	BB	464208	5112813	60.09%	2.949%
16	12.665	12.599	12.699	BV	408604	4753096	55.86%	2.741%
17	12.736	12.699	12.799	VB	403112	4531656	53.26%	2.613%
18	13.036	12.964	13.067	BV	407608	4507632	52.98%	2.600%
19	13.111	13.067	13.165	VB	337257	3985231	46.84%	2.298%
20	13.278	13.209	13.332	BB	369763	4492029	52.79%	2.591%
21	13.865	13.795	13.907	BB	356808	4382972	51.51%	2.528%
22	14.919	14.849	14.938	BV	328788	4277846	50.27%	2.467%
23	14.965	14.938	15.015	VB	641465	8508980	100.00%	4.907%
24	15.993	15.925	16.040	BB	319503	4050568	47.60%	2.336%
25	16.480	16.407	16.497	BV	287542	4281762	50.32%	2.469%
26	16.515	16.497	16.560	VB	368043	4238150	49.81%	2.444%
27	16.863	16.785	16.895	BV	322945	4186398	49.20%	2.414%
28	16.945	16.895	16.977	VV	294873	3898239	45.81%	2.248%
29	17.835	17.780	17.875	BB	277350	3934336	46.24%	2.269%
30	18.240	18.165	18.255	BV	303648	4523207	53.16%	2.609%
31	18.277	18.255	18.329	VB	333328	4127647	48.51%	2.380%
32	18.498	18.422	18.542	BB	291167	4041522	47.50%	2.331%
33	18.668	18.554	18.717	BB	284253	3962034	46.56%	2.285%
34	19.454	19.400	19.500	BB	280497	4243501	49.87%	2.447%
35	20.195	20.140	20.229	BB	294536	4240633	49.84%	2.446%
36	20.964	20.884	21.042	BB	239361	4444891	52.24%	2.563%

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

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

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

Instrument :
 FID_C
 ClientSampleId :
 RT-5417MS

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Integration File: sample.E
 Quant Time: Jul 29 01:17:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

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

(f)=RT Delta > 1/2 Window

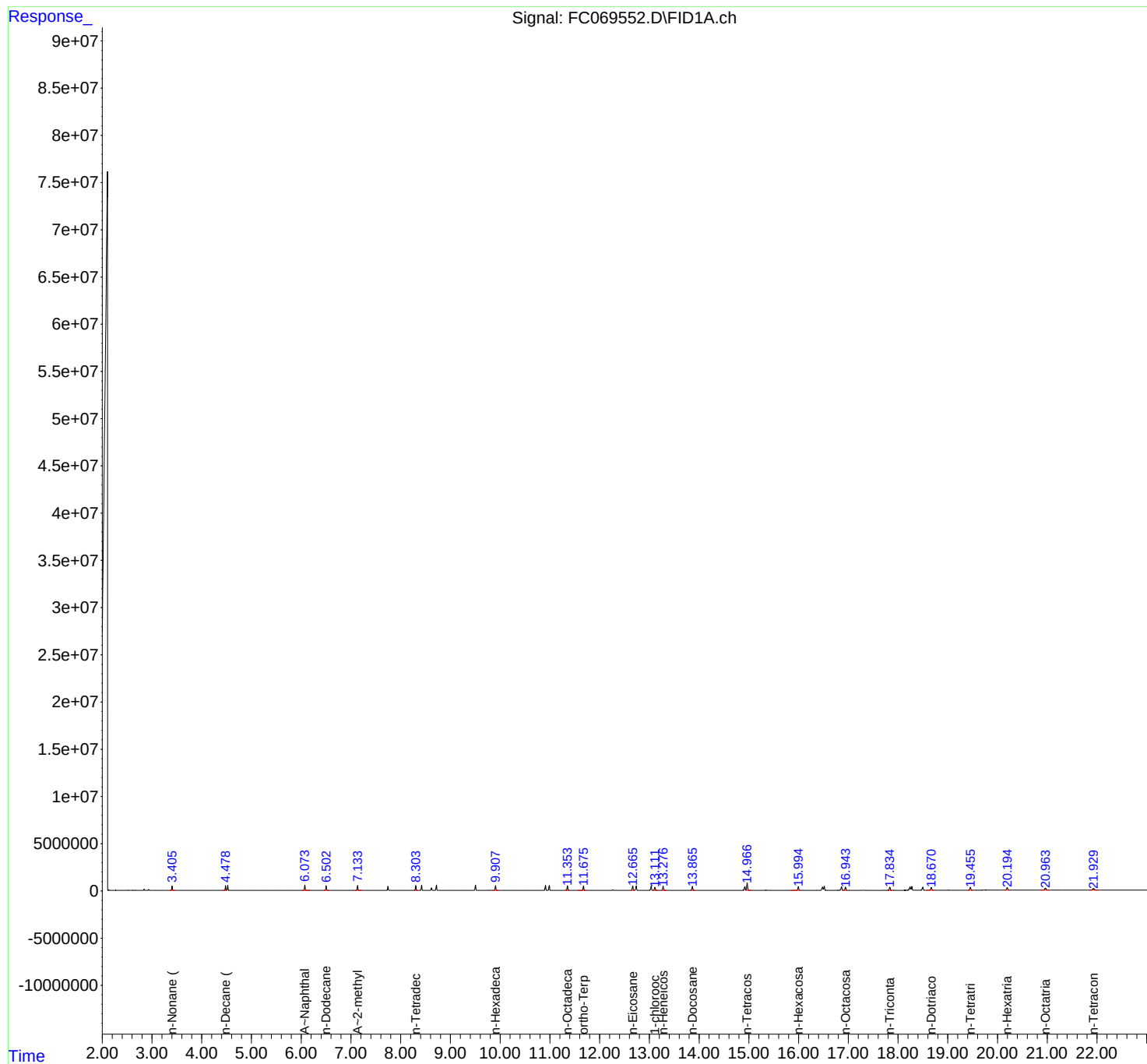
(m)=manual int.

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

Instrument :
FID_C
ClientSampleId :
RT-5417MS

Integration File: sample.E
Quant Time: Jul 29 01:17:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

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

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.230	3.204	3.241	BV	227	3096	0.03%	0.001%
2	3.256	3.241	3.278	VV	474	6370	0.06%	0.003%
3	3.288	3.278	3.314	VV	357	6096	0.06%	0.003%
4	3.327	3.314	3.348	VV	174	1585	0.02%	0.001%
5	3.357	3.348	3.378	PV	60	882	0.01%	0.000%
6	3.405	3.378	3.494	VV	466465	3885761	38.24%	1.867%
7	3.508	3.494	3.516	VV	221	2543	0.03%	0.001%
8	3.553	3.516	3.578	VV	1549	19197	0.19%	0.009%
9	3.584	3.578	3.597	VV	287	2600	0.03%	0.001%
10	3.609	3.597	3.630	VV	325	4022	0.04%	0.002%
11	3.648	3.630	3.661	VV	263	3311	0.03%	0.002%
12	3.696	3.661	3.748	VV	1967	33794	0.33%	0.016%
13	3.755	3.748	3.774	VV	417	5408	0.05%	0.003%
14	3.790	3.774	3.838	VV	3914	36692	0.36%	0.018%
15	3.848	3.838	3.868	VV	309	2505	0.02%	0.001%
16	3.887	3.868	3.938	VV	3184	33273	0.33%	0.016%
17	3.969	3.938	4.024	VV	2865	31927	0.31%	0.015%
18	4.081	4.024	4.093	VV	382	8000	0.08%	0.004%
19	4.105	4.093	4.158	VV	862	14570	0.14%	0.007%
20	4.177	4.158	4.197	VV	377	7079	0.07%	0.003%
21	4.238	4.197	4.349	VV	733	31144	0.31%	0.015%
22	4.370	4.349	4.386	VV	322	5213	0.05%	0.003%
23	4.400	4.386	4.412	VV	307	3286	0.03%	0.002%
24	4.478	4.412	4.500	VV	492676	4402916	43.33%	2.116%
25	4.522	4.500	4.566	VV	530882	4729405	46.55%	2.272%
26	4.583	4.566	4.604	VV	5062	51478	0.51%	0.025%
27	4.629	4.604	4.672	VV	8411	84532	0.83%	0.041%
28	4.693	4.672	4.714	VV	443	8392	0.08%	0.004%
29	4.731	4.714	4.749	VV	495	6231	0.06%	0.003%
30	4.761	4.749	4.787	VV	365	4560	0.04%	0.002%
31	4.812	4.787	4.837	VV	328	5491	0.05%	0.003%
32	4.853	4.837	4.884	VV	204	3831	0.04%	0.002%
33	4.897	4.884	4.924	VV	218	3440	0.03%	0.002%
34	4.955	4.924	5.058	VV	244	10367	0.10%	0.005%
35	5.071	5.058	5.092	VV	158	2679	0.03%	0.001%
36	5.115	5.092	5.148	VV	236	6718	0.07%	0.003%

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

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

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

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

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

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

Sum of corrected areas: 208119008

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

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

Instrument :
 FID_C
 ClientSampleId :
 RT-5417MSD

A
B
C
D
E
F
G
H
I
J

Integration File: sample.E
 Quant Time: Jul 29 01:18:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

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

(f)=RT Delta > 1/2 Window

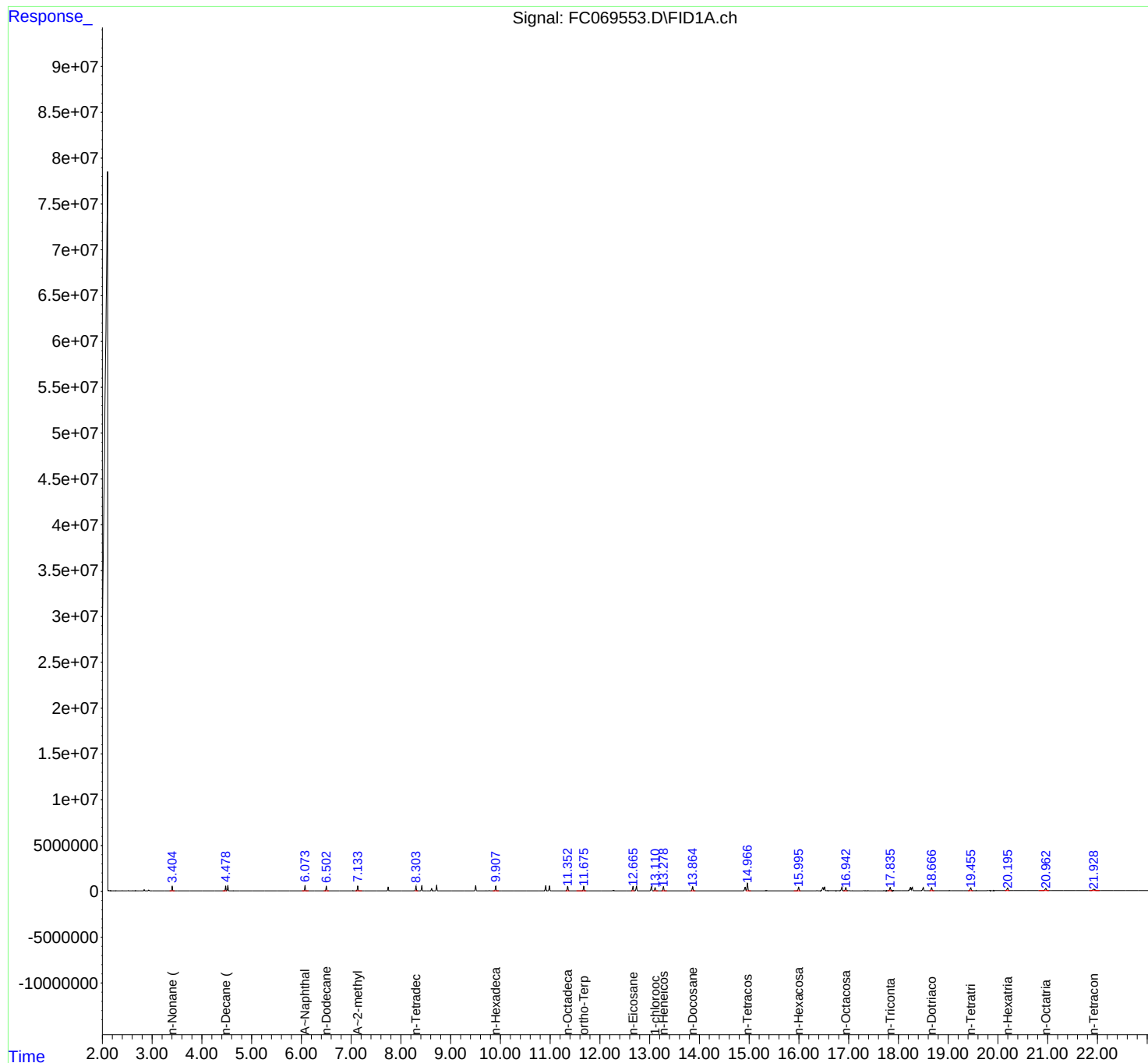
(m)=manual int.

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

Instrument :
FID_C
ClientSampleId :
RT-5417MSD

Integration File: sample.E
Quant Time: Jul 29 01:18:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

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

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.228	3.204	3.240	BV	257	2728	0.03%	0.001%
2	3.255	3.240	3.274	VV	561	6847	0.06%	0.003%
3	3.297	3.274	3.337	VV	420	8296	0.08%	0.004%
4	3.353	3.337	3.374	PV	90	1274	0.01%	0.001%
5	3.405	3.374	3.504	VV	492372	4079496	38.26%	1.874%
6	3.553	3.504	3.573	VV	1449	17886	0.17%	0.008%
7	3.585	3.573	3.624	VV	343	7024	0.07%	0.003%
8	3.695	3.624	3.739	VV	2077	36104	0.34%	0.017%
9	3.756	3.739	3.771	VV	466	5930	0.06%	0.003%
10	3.790	3.771	3.824	VV	3610	32470	0.30%	0.015%
11	3.847	3.824	3.864	VV	227	3197	0.03%	0.001%
12	3.887	3.864	3.936	VV	2956	29842	0.28%	0.014%
13	3.969	3.936	4.041	VV	2533	28576	0.27%	0.013%
14	4.081	4.041	4.093	VV	444	8936	0.08%	0.004%
15	4.104	4.093	4.154	VV	838	15222	0.14%	0.007%
16	4.182	4.154	4.204	VV	358	8310	0.08%	0.004%
17	4.241	4.204	4.254	VV	707	13160	0.12%	0.006%
18	4.263	4.254	4.304	VV	456	9858	0.09%	0.005%
19	4.320	4.304	4.341	VV	333	5478	0.05%	0.003%
20	4.348	4.341	4.360	VV	274	2629	0.02%	0.001%
21	4.398	4.360	4.420	VV	343	9246	0.09%	0.004%
22	4.436	4.420	4.444	VV	376	4354	0.04%	0.002%
23	4.478	4.444	4.499	VV	523928	4621287	43.35%	2.122%
24	4.522	4.499	4.565	VV	564399	4960957	46.53%	2.278%
25	4.583	4.565	4.606	VV	5414	54215	0.51%	0.025%
26	4.629	4.606	4.673	VV	8824	88284	0.83%	0.041%
27	4.694	4.673	4.715	VV	524	8815	0.08%	0.004%
28	4.731	4.715	4.748	VV	528	5917	0.06%	0.003%
29	4.764	4.748	4.781	VV	406	5004	0.05%	0.002%
30	4.809	4.781	4.841	VV	381	7985	0.07%	0.004%
31	4.855	4.841	4.869	VV	265	3334	0.03%	0.002%
32	4.881	4.869	4.920	VV	261	5509	0.05%	0.003%
33	4.951	4.920	5.003	VV	259	8416	0.08%	0.004%
34	5.011	5.003	5.091	VV	173	7759	0.07%	0.004%
35	5.109	5.091	5.142	VV	297	6630	0.06%	0.003%
36	5.152	5.142	5.166	VV	191	2402	0.02%	0.001%

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

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

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

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

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

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300	21.233	21.224	21.251	VV	4951	77973	0.73% 0.036%
301	21.409	21.251	21.439	VV	5566	560280	5.26% 0.257%
302	21.458	21.439	21.578	VV	5188	357785	3.36% 0.164%
303	21.589	21.578	21.700	VV	3385	215445	2.02% 0.099%
304	21.760	21.700	21.830	VV	3233	198046	1.86% 0.091%
305	21.929	21.830	22.060	VV	166540	4120235	38.65% 1.892%
306	22.077	22.060	22.104	VV	522	10110	0.09% 0.005%
307	22.142	22.104	22.177	VV	733	17132	0.16% 0.008%
Sum of corrected areas:					217746263		

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



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

Manual Integration Report

Sequence:

FC071525AL

Instrument

FID_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:

FC072825AL

Instrument

FID_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:	FE072625AL	Instrument	FID_e
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

FE072825AL

Instrument

FID_e

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	FE072925AL	Instrument	FID_e
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2700-01DL	FE055060.D	ortho-Terphenyl (SURRE)	yogesh	7/30/2025 7:21:54 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2700-02DL	FE055061.D	ortho-Terphenyl (SURRE)	yogesh	7/30/2025 7:21:55 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01	FE055069.D	1-chlorooctadecane (SURRE)	yogesh	7/30/2025 7:21:57 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01	FE055069.D	ortho-Terphenyl (SURRE)	yogesh	7/30/2025 7:21:57 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01D	FE055070.D	1-chlorooctadecane (SURRE)	yogesh	7/30/2025 7:21:59 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01D	FE055070.D	ortho-Terphenyl (SURRE)	yogesh	7/30/2025 7:21:59 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	1-chlorooctadecane (SURRE)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	n-Docosane (C22)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	n-Eicosane (C20)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	n-Heneicosane (C21)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	n-Octadecane (C18)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MS	FE055071.D	ortho-Terphenyl (SURRE)	yogesh	7/30/2025 7:22:01 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MSD	FE055072.D	n-Heneicosane (C21)	yogesh	7/30/2025 7:22:04 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software

Manual Integration Report

Sequence:	FE072925AL	Instrument	FID_e
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2709-01MSD	FE055072.D	n-Octadecane (C18)	yogesh	7/30/2025 7:22:04 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2709-01MSD	FE055072.D	ortho-Terphenyl (SURR)	yogesh	7/30/2025 7:22:04 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2710-02	FE055074.D	1-chlorooctadecane (SURR)	yogesh	7/30/2025 7:22:05 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
Q2710-02	FE055074.D	ortho-Terphenyl (SURR)	yogesh	7/30/2025 7:22:05 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE055077.D	n-Dotriacontane (C32)	yogesh	7/30/2025 7:22:07 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE055077.D	n-Octatriacontane (C38)	yogesh	7/30/2025 7:22:07 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE055077.D	n-Tetratriacontane (C34)	yogesh	7/30/2025 7:22:07 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE055077.D	n-Tricontane (C30)	yogesh	7/30/2025 7:22:07 AM	mohammad	7/31/2025 1:17:14	Peak Integrated by Software

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC071525AL

Review By	yogesh	Review On	7/15/2025 11:40:50 AM
Supervise By	mohammad	Supervise On	7/17/2025 1:46:10 AM
SubDirectory	FC071525AL	HP Acquire Method	HP Processing Method FC071525AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

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

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC072825AL

Review By	yogesh	Review On	7/28/2025 1:14:48 PM
Supervise By	mohammad	Supervise On	7/30/2025 2:12:19 AM
SubDirectory	FC072825AL	HP Acquire Method	HP Processing Method FC071525AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

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

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE072625AL

Review By	yogesh	Review On	7/25/2025 3:23:49 PM
Supervise By	mohammad	Supervise On	7/29/2025 2:03:12 AM
SubDirectory	FE072625AL	HP Acquire Method	HP Processing Method FE072625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

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

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE072825AL

Review By	yogesh	Review On	7/28/2025 1:13:19 PM
Supervise By	mohammad	Supervise On	7/30/2025 2:12:27 AM
SubDirectory	FE072825AL	HP Acquire Method	HP Processing Method FE072625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

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

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE072925AL

Review By	yogesh	Review On	7/29/2025 9:39:46 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:14 AM
SubDirectory	FE072925AL	HP Acquire Method	HP Processing Method FE072625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE072925AL

Review By	yogesh	Review On	7/29/2025 9:39:46 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:14 AM
SubDirectory	FE072925AL	HP Acquire Method	HP Processing Method FE072625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

22	20 PPM ALIPHATIC HC STD	FE055077.D	29 Jul 2025 21:00	YP\AJ	Ok,M
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M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC071525AL

Review By	yogesh	Review On	7/15/2025 11:40:50 AM
Supervise By	mohammad	Supervise On	7/17/2025 1:46:10 AM
SubDirectory	FC071525AL	HP Acquire Method	HP Processing Method FC071525AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC072825AL

Review By	yogesh	Review On	7/28/2025 1:14:48 PM
Supervise By	mohammad	Supervise On	7/30/2025 2:12:19 AM
SubDirectory	FC072825AL	HP Acquire Method	HP Processing Method FC071525AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE072625AL

Review By	yogesh	Review On	7/25/2025 3:23:49 PM
Supervise By	mohammad	Supervise On	7/29/2025 2:03:12 AM
SubDirectory	FE072625AL	HP Acquire Method	HP Processing Method
			FE072625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE072825AL

Review By	yogesh	Review On	7/28/2025 1:13:19 PM
Supervise By	mohammad	Supervise On	7/30/2025 2:12:27 AM
SubDirectory	FE072825AL	HP Acquire Method	HP Processing Method
			FE072625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE072925AL

Review By	yogesh	Review On	7/29/2025 9:39:46 AM		
Supervise By	mohammad	Supervise On	7/31/2025 1:17:14 AM		
SubDirectory	FE072925AL	HP Acquire Method	HP Processing Method	FE072625AL	
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		PP24170,PP24175,PP24176,PP24177,PP24178			
CCC		PP24176			
Internal Standard/PEM					
ICV/I.BLK		PP24174,PP24179			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE072925AL

Review By	yogesh	Review On	7/29/2025 9:39:46 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:14 AM
SubDirectory	FE072925AL	HP Acquire Method	HP Processing Method FE072625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

M : Manual Integration

SOP ID:	MNJDEP-EPH-8		
Clean Up SOP #:	N/A	Extraction Start Date :	07/28/2025
Matrix :	Solid	Extraction Start Time :	09:00
Weigh By:	EH	Extraction By:	RJ
Balance check:	RJ	Extraction End Date :	07/28/2025
Balance ID:	EX-SC-2	Filter By:	RJ
pH Strip Lot#:	N/A	Extraction End Time :	13:15
		Concentration By:	EH
		Supervisor By :	RUPESH
Extraction Method:	☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet		

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24728
Surrogate	1.0ML	100 PPM	PP24652
Fractionation Surrogate	1.0ML	100 PPM	PP24673
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2625
Sand	N/A	E3951
Hexane	N/A	E3956
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/28/25	RS (EUA Lab)	Dr. Patel/PCB Lab
13:20	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-8

Concentration Date: 07/28/2025

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

* Extracts relinquished on the same date as received.

169021
9:00:6

WORKLIST(Hardcopy Internal Chain)

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

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

Date/Time 07/28/25 8:55
Raw Sample Received by: RS (EAT-1ab) CP SR
Raw Sample Relinquished by: CP SR

Date/Time 07/28/25 9:10
Raw Sample Received by: CP SR
Raw Sample Relinquished by: RS (EAT-1ab)



LAB CHRONICLE

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

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