



SAMPLE DATA

Report of Analysis

Client: HDR, Inc.	Date Collected: 10/23/25	
Project: PVWC Linear Construction	Date Received: 10/24/25	
Client Sample ID: B8-0.0-1.0-20251023	SDG No.: Q3466	
Lab Sample ID: Q3466-02	Matrix: Solid	
Analytical Method: NJEPH	% Solid: 85.3	
Sample Wt/Vol: 30.05 g	Test: EPH_NF	Final Vol: 2000 uL
Prep Method :		Prep Date : 10/28/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	28.4		1	1.38	2.34	mg/kg	FE056540.D	10/28/25 15:24	PB170266
Aliphatic C9-C28	Aliphatic C9-C28	6.97		1	1.06	4.68	mg/kg	FE056540.D	10/28/25 15:24	PB170266
Total AliphaticEPH	Total AliphaticEPH	35.4			2.44	7.02	mg/kg			
Total EPH	Total EPH	35.4			2.44	7.02	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: HDR, Inc.	Date Collected: 10/23/25	
Project: PVWC Linear Construction	Date Received: 10/24/25	
Client Sample ID: B8-0.0-1.0-20251023	SDG No.: Q3466	
Lab Sample ID: Q3466-02	Matrix: Solid	
Analytical Method: NJEPH	% Solid: 85.3	
Sample Wt/Vol: 30.05 g	Test: EPH_NF	Final Vol: 2000 uL
Prep Method :		Prep Date 10/28/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	6.97	1		1.06	4.68	mg/kg	10/28/25	PB170266
Aliphatic C28-C40	Aliphatic C28-C40	28.4	1		1.38	2.34	mg/kg	10/28/25	PB170266
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	26.8			40 - 140	54%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	26.0			40 - 140	52%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3466-02	Acq On:	28 Oct 2025 15:24
Client Sample ID:	B8-0.0-1.0-20251023	Operator:	YP\AJ
Data file:	FE056540.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	3.240	6.866	418631	2.536	300	ug/ml
Aliphatic C12-C16	6.867	10.314	1625526	9.531	200	ug/ml
Aliphatic C16-C21	10.315	13.690	8054238	45.087	300	ug/ml
Aliphatic C21-C28	13.691	17.361	5752880	32.123	400	ug/ml
Aliphatic C28-C40	17.362	22.315	50437749	363.377	600	ug/ml
Aliphatic EPH	3.240	22.315	66289024	452.654		ug/ml
ortho-Terphenyl (SURR)	11.986	11.986	5304696	25.97		ug/ml
1-chlorooctadecane (SURR)	13.426	13.426	4090797	26.81		ug/ml
Aliphatic C9-C28	3.240	17.361	15851275	89.277	1200	ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name:	Alliance	Contract:	HDRI08
Lab Code:	ACE	SDG No.:	Q3466
Run Number:	FC102825AL		

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB170266BL	76	74		0
PB170266BS	78	75		0
PB170266BSD	81	77		0
TP-13MS	60	56		0
TP-13MSD	62	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

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: HDRI08
 Lab Code: ACE SDG No.: Q3466
 Run Number: FE102825AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)	TOT OUT
B8-0.0-1.0-20251023	54	52	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

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>HDR, Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3466</u>
Sample No :	<u>Q3469-01MS</u>	Datafile:	<u>FC070065.D</u>
		Client ID :	<u>TP-13MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	32.9	4.96	27.5	68		(40-140)
Aliphatic C9-C28	109.6	3.38	61.2	53		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.7	0.0031	1.6750	45		(40-140)
n-Decane (C10)	3.7	0.0092	3.9220	106		(40-140)
Naphthalene (C11.7)	3.7	0.0145	2.1382	57		(40-140)
n-Dodecane (C12)	3.7	0.0033	1.9778	53		(40-140)
2-methylnaphthalene (C12.89)	3.7	0.0063	2.0784	56		(40-140)
n-Tetradecane (C14)	3.7	0.0107	2.1359	57		(40-140)
n-Hexadecane (C16)	3.7	0.0057	2.1631	58		(40-140)
n-Octadecane (C18)	3.7	0.0055	2.1524	58		(40-140)
n-Eicosane (C20)	3.7	0.0064	2.2529	61		(40-140)
n-Heneicosane (C21)	3.7	0.0100	2.2783	61		(40-140)
n-Docosane (C22)	3.7	0.0113	2.2582	61		(40-140)
n-Tetracosane (C24)	7.3	0.0422	6.6772	91		(40-140)
n-Hexacosane (C26)	3.7	0.0165	2.1813	59		(40-140)
n-Octacosane (C28)	3.7	0.0471	2.2362	59		(40-140)
n-Tricontane (C30)	3.7	0.0712	2.1325	56		(40-140)
n-Dotriacontane (C32)	3.7	0.1018	2.2041	57		(40-140)
n-Tetratriacontane (C34)	3.7	0.1178	2.4596	63		(40-140)
n-Hexatriacontane (C36)	3.7	0.2506	2.8854	71		(40-140)
n-Octatriacontane (C38)	3.7	0.2830	3.1235	77		(40-140)
n-Tetracontane (C40)	3.7	0.2191	3.1332	79		(40-140)

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>HDR, Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3466</u>
Sample No :	<u>Q3469-01MSD</u>	Datafile:	<u>FC070066.D</u>
		Client ID :	<u>TP-13MSD</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	32.9	4.96	28.1	70		2.59 (40-140)	50
Aliphatic C9-C28	109.6	3.38	62.6	54		2.2 (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)	3.7	0.0031	1.7365	47		4.35 (40-140)	50
n-Decane (C10)	3.7	0.0092	4.0690	110		3.7 (40-140)	50
Naphthalene (C11.7)	3.7	0.0145	2.1994	59		3.45 (40-140)	50
n-Dodecane (C12)	3.7	0.0033	2.0541	55		3.7 (40-140)	50
2-methylnaphthalene (C12.89)	3.7	0.0063	2.1360	58		3.51 (40-140)	50
n-Tetradecane (C14)	3.7	0.0107	2.2108	59		3.45 (40-140)	50
n-Hexadecane (C16)	3.7	0.0057	2.2250	60		3.39 (40-140)	50
n-Octadecane (C18)	3.7	0.0055	2.2091	60		3.39 (40-140)	50
n-Eicosane (C20)	3.7	0.0064	2.3083	62		1.63 (40-140)	50
n-Heneicosane (C21)	3.7	0.0100	2.3318	63		3.23 (40-140)	50
n-Docosane (C22)	3.7	0.0113	2.3080	62		1.63 (40-140)	50
n-Tetracosane (C24)	7.3	0.0422	4.5284	61		39.47 (40-140)	50
n-Hexacosane (C26)	3.7	0.0165	2.2292	60		1.68 (40-140)	50
n-Octacosane (C28)	3.7	0.0471	2.2840	60		1.68 (40-140)	50
n-Tricontane (C30)	3.7	0.0712	2.1840	57		1.77 (40-140)	50
n-Dotriacontane (C32)	3.7	0.1018	2.2614	58		1.74 (40-140)	50
n-Tetratriacontane (C34)	3.7	0.1178	2.5171	65		3.13 (40-140)	50
n-Hexatriacontane (C36)	3.7	0.2506	2.9192	72		1.4 (40-140)	50
n-Octatriacontane (C38)	3.7	0.2830	3.1679	78		1.29 (40-140)	50
n-Tetracontane (C40)	3.7	0.2191	3.2195	81		2.5 (40-140)	50

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>HDR, Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3466</u>
Sample No :	<u>PB170266BS</u>	Datafile:	<u>FC070061.D</u>
		Client ID :	<u>PB170266BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	28.0	93		(40-140)
Aliphatic C9-C28	99.9	68.7	69		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	2.25552	68		(40-140)
n-Decane (C10)	3.3	2.34385	71		(40-140)
Naphthalene (C11.7)	3.3	2.53598	77		(40-140)
n-Dodecane (C12)	3.3	2.44856	74		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.47994	75		(40-140)
n-Tetradecane (C14)	3.3	2.55049	77		(40-140)
n-Hexadecane (C16)	3.3	2.54647	77		(40-140)
n-Octadecane (C18)	3.3	2.53084	77		(40-140)
n-Eicosane (C20)	3.3	2.69875	82		(40-140)
n-Heneicosane (C21)	3.3	2.66821	81		(40-140)
n-Docosane (C22)	3.3	2.63257	80		(40-140)
n-Tetracosane (C24)	6.7	5.01553	75		(40-140)
n-Hexacosane (C26)	3.3	2.56319	78		(40-140)
n-Octacosane (C28)	3.3	2.54539	77		(40-140)
n-Tricontane (C30)	3.3	2.55395	77		(40-140)
n-Dotriacontane (C32)	3.3	2.63521	80		(40-140)
n-Tetratriacontane (C34)	3.3	3.02789	92		(40-140)
n-Hexatriacontane (C36)	3.3	3.34275	101		(40-140)
n-Octatriacontane (C38)	3.3	3.82757	116		(40-140)
n-Tetracontane (C40)	3.3	3.97533	120		(40-140)

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** HDR, Inc.
Lab Code: ACE **SDG No:** Q3466
Sample No : PB170266BSD **Datafile:** FC070062.D **Client ID :** PB170266BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	30.0	28.8	96		2.8 (40-140) 25
Aliphatic C9-C28	99.9	70.8	71		3 (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	2.32995	71		4.32 (40-140) 25
n-Decane (C10)	3.3	2.42819	74		4.14 (40-140) 25
Naphthalene (C11.7)	3.3	2.61804	79		2.56 (40-140) 25
n-Dodecane (C12)	3.3	2.54076	77		3.97 (40-140) 25
2-methylnaphthalene (C12.89)	3.3	2.55783	78		3.92 (40-140) 25
n-Tetradecane (C14)	3.3	2.65714	81		5.06 (40-140) 25
n-Hexadecane (C16)	3.3	2.65385	80		3.82 (40-140) 25
n-Octadecane (C18)	3.3	2.63803	80		3.82 (40-140) 25
n-Eicosane (C20)	3.3	2.81023	85		3.59 (40-140) 25
n-Heneicosane (C21)	3.3	2.77478	84		3.64 (40-140) 25
n-Docosane (C22)	3.3	2.73499	83		3.68 (40-140) 25
n-Tetracosane (C24)	6.7	5.15029	77		2.63 (40-140) 25
n-Hexacosane (C26)	3.3	2.64638	80		2.53 (40-140) 25
n-Octacosane (C28)	3.3	2.62971	80		3.82 (40-140) 25
n-Tricontane (C30)	3.3	2.64328	80		3.82 (40-140) 25
n-Dotriacontane (C32)	3.3	2.73376	83		3.68 (40-140) 25
n-Tetratriacontane (C34)	3.3	3.14251	95		3.21 (40-140) 25
n-Hexatriacontane (C36)	3.3	3.45412	105		3.88 (40-140) 25
n-Octatriacontane (C38)	3.3	3.91055	119		2.55 (40-140) 25
n-Tetracontane (C40)	3.3	4.04431	123		2.47 (40-140) 25

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170266BL

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3466

Instrument ID: FID_C

Lab Sample ID: PB170266BL

Matrix: (soil/water) Solid

Date Extracted: 10/28/2025 9:05:00

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB170266BS	PB170266BS
PB170266BSD	PB170266BSD
B8-0.0-1.0-20251023	Q3466-02
TP-13MS	Q3469-01MS
TP-13MSD	Q3469-01MSD

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	PB170266BL	SDG No.:	Q3466
Lab Sample ID:	PB170266BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	10/28/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC070060.D	10/28/25 13:19	PB170266
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FC070060.D	10/28/25 13:19	PB170266
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: HDR, Inc.	Date Collected:	
Project: PVWC Linear Construction	Date Received:	
Client Sample ID: PB170266BL	SDG No.:	Q3466
Lab Sample ID: PB170266BL	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL	
	Prep Date 10/28/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	10/28/25	PB170266
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	10/28/25	PB170266
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	38.0			40 - 140	76%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	37.2			40 - 140	74%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170266BL	Acq On:	28 Oct 2025 13:19
Client Sample ID:	PB170266BL	Operator:	YP/AJ
Data file:	FC070060.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	3.277	6.572	0	0	300	ug/ml
Aliphatic C12-C16	6.573	9.973	0	0	200	ug/ml
Aliphatic C16-C21	9.974	13.340	0	0	300	ug/ml
Aliphatic C21-C28	13.341	17.005	0	0	400	ug/ml
Aliphatic C28-C40	17.006	21.959	0	0	600	ug/ml
Aliphatic EPH	3.277	21.959	0	0		ug/ml
ortho-Terphenyl (SURR)	11.642	11.642	6533927	37.21		ug/ml
1-chlorooctadecane (SURR)	13.077	13.077	5156082	37.98		ug/ml
Aliphatic C9-C28	3.277	17.005	0	0	1200	ug/ml

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	PB170266BS	SDG No.:	Q3466
Lab Sample ID:	PB170266BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	10/28/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	28.0		1	1.18	2.00	mg/kg	FC070061.D	10/28/25 13:58	PB170266
Aliphatic C9-C28	Aliphatic C9-C28	68.7		1	0.91	3.99	mg/kg	FC070061.D	10/28/25 13:58	PB170266
Total AliphaticEPH	Total AliphaticEPH	96.7			2.09	5.99	mg/kg			
Total EPH	Total EPH	96.7			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.

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LOQ = Limit of Quantitation

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* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	PB170266BS	SDG No.:	Q3466
Lab Sample ID:	PB170266BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL
Prep Method :		Prep Date	10/28/25
		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	68.7	1		0.91	3.99	mg/kg	10/28/25	PB170266
Aliphatic C28-C40	Aliphatic C28-C40	28.0	1		1.18	2.00	mg/kg	10/28/25	PB170266
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	38.9			40 - 140	78%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	37.5			40 - 140	75%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170266BS	Acq On:	28 Oct 2025 13:58
Client Sample ID:	PB170266BS	Operator:	YP/AJ
Data file:	FC070061.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	3.277	6.572	27086070	187.078	300	ug/ml
Aliphatic C12-C16	6.573	9.973	38554021	235.398	200	ug/ml
Aliphatic C16-C21	9.974	13.340	43992052	271.647	300	ug/ml
Aliphatic C21-C28	13.341	17.005	49567846	336.87	400	ug/ml
Aliphatic C28-C40	17.006	21.959	45168703	419.784	600	ug/ml
Aliphatic EPH	3.277	21.959	204368692	1450		ug/ml
ortho-Terphenyl (SURR)	11.643	11.643	6583185	37.49		ug/ml
1-chlorooctadecane (SURR)	13.076	13.076	5277309	38.88		ug/ml
Aliphatic C9-C28	3.277	17.005	159199989	1030	1200	ug/ml

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	PB170266BSD	SDG No.:	Q3466
Lab Sample ID:	PB170266BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	10/28/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	28.8		1	1.18	2.00	mg/kg	FC070062.D	10/28/25 14:38	PB170266
Aliphatic C9-C28	Aliphatic C9-C28	70.8		1	0.91	3.99	mg/kg	FC070062.D	10/28/25 14:38	PB170266
Total AliphaticEPH	Total AliphaticEPH	99.6			2.09	5.99	mg/kg			
Total EPH	Total EPH	99.6			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:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	PB170266BSD	SDG No.:	Q3466
Lab Sample ID:	PB170266BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL
Prep Method :		Prep Date	10/28/25
		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	70.8	1		0.91	3.99	mg/kg	10/28/25	PB170266
Aliphatic C28-C40	Aliphatic C28-C40	28.8	1		1.18	2.00	mg/kg	10/28/25	PB170266
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	40.4			40 - 140	81%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	38.7			40 - 140	77%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170266BSD	Acq On:	28 Oct 2025 14:38
Client Sample ID:	PB170266BSD	Operator:	YP/AJ
Data file:	FC070062.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	3.277	6.572	28002737	193.409	300	ug/ml
Aliphatic C12-C16	6.573	9.973	39866210	243.41	200	ug/ml
Aliphatic C16-C21	9.974	13.340	45355285	280.065	300	ug/ml
Aliphatic C21-C28	13.341	17.005	50818993	345.373	400	ug/ml
Aliphatic C28-C40	17.006	21.959	46536620	432.497	600	ug/ml
Aliphatic EPH	3.277	21.959	210579845	1490		ug/ml
ortho-Terphenyl (SURR)	11.643	11.643	6788843	38.66		ug/ml
1-chlorooctadecane (SURR)	13.078	13.078	5478491	40.36		ug/ml
Aliphatic C9-C28	3.277	17.005	164043225	1060	1200	ug/ml

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	TP-13MS	SDG No.:	Q3466
Lab Sample ID:	Q3469-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.1
Sample Wt/Vol:	30.03 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	10/28/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	27.5		1	1.29	2.19	mg/kg	FC070065.D	10/28/25 16:39	PB170266
Aliphatic C9-C28	Aliphatic C9-C28	61.2		1	1.00	4.39	mg/kg	FC070065.D	10/28/25 16:39	PB170266
Total AliphaticEPH	Total AliphaticEPH	88.7			2.29	6.58	mg/kg			
Total EPH	Total EPH	88.7			2.29	6.58	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:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	TP-13MS	SDG No.:	Q3466
Lab Sample ID:	Q3469-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.1
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL
Prep Method :		Prep Date	10/28/25
		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	61.2	1		1.00	4.39	mg/kg	10/28/25	PB170266
Aliphatic C28-C40	Aliphatic C28-C40	27.5	1		1.29	2.19	mg/kg	10/28/25	PB170266
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	30.2			40 - 140	60%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.2			40 - 140	56%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3469-01MS	Acq On:	28 Oct 2025 16:39
Client Sample ID:	TP-13MS	Operator:	YP/AJ
Data file:	FC070065.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	3.277	6.572	20253426	139.886	300	ug/ml
Aliphatic C12-C16	6.573	9.973	31495479	192.301	200	ug/ml
Aliphatic C16-C21	9.974	13.340	36192526	223.486	300	ug/ml
Aliphatic C21-C28	13.341	17.005	41412790	281.447	400	ug/ml
Aliphatic C28-C40	17.006	21.959	40417941	375.632	600	ug/ml
Aliphatic EPH	3.277	21.959	169772162	1210		ug/ml
ortho-Terphenyl (SURR)	11.641	11.641	4959543	28.24		ug/ml
1-chlorooctadecane (SURR)	13.076	13.076	4099935	30.2		ug/ml
Aliphatic C9-C28	3.277	17.005	129354221	837.12	1200	ug/ml

Report of Analysis

Client: HDR, Inc.	Date Collected:	
Project: PVWC Linear Construction	Date Received:	
Client Sample ID: TP-13MSD	SDG No.:	Q3466
Lab Sample ID: Q3469-01MSD	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	91.1
Sample Wt/Vol: 30.04 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL	
	Prep Date : 10/28/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	28.1		1	1.29	2.19	mg/kg	FC070066.D	10/28/25 17:20	PB170266
Aliphatic C9-C28	Aliphatic C9-C28	62.6		1	1.00	4.39	mg/kg	FC070066.D	10/28/25 17:20	PB170266
Total AliphaticEPH	Total AliphaticEPH	90.7			2.29	6.58	mg/kg			
Total EPH	Total EPH	90.7			2.29	6.58	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: HDR, Inc.	Date Collected:	
Project: PVWC Linear Construction	Date Received:	
Client Sample ID: TP-13MSD	SDG No.:	Q3466
Lab Sample ID: Q3469-01MSD	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	91.1
Sample Wt/Vol: 30.04 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL	
	Prep Date 10/28/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	62.6	1		1.00	4.39	mg/kg	10/28/25	PB170266
Aliphatic C28-C40	Aliphatic C28-C40	28.1	1		1.29	2.19	mg/kg	10/28/25	PB170266
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	31.0			40 - 140	62%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.9			40 - 140	58%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3469-01MSD	Acq On:	28 Oct 2025 17:20
Client Sample ID:	TP-13MSD	Operator:	YP/AJ
Data file:	FC070066.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	3.277	6.572	21023509	145.205	300	ug/ml
Aliphatic C12-C16	6.573	9.973	32328594	197.388	200	ug/ml
Aliphatic C16-C21	9.974	13.340	36901594	227.864	300	ug/ml
Aliphatic C21-C28	13.341	17.005	42064279	285.875	400	ug/ml
Aliphatic C28-C40	17.006	21.959	41376676	384.542	600	ug/ml
Aliphatic EPH	3.277	21.959	173694652	1240		ug/ml
ortho-Terphenyl (SURR)	11.641	11.641	5084075	28.95		ug/ml
1-chlorooctadecane (SURR)	13.075	13.075	4213167	31.04		ug/ml
Aliphatic C9-C28	3.277	17.005	132317976	856.332	1200	ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC100725AL

AreaCount

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

AVG Response Factor

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

Concentration

Parameter Range	FC069937.D	FC069938.D	FC069939.D	FC069940.D	FC069941.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

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

Initial Calibration Report for SequenceID : FC100725AL

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

Initial Calibration Report for SequenceID : FE101725AL

AreaCount

Parameter Range	FE056351.D	FE056352.D	FE056353.D	FE056354.D	FE056355.D	
Aliphatic C9-C12	51362304.000	24484485.000	9331252.000	4992223.000	2535328.000	
Aliphatic C12-C16	35984562.000	17024793.000	6419212.000	3420807.000	1710363.000	
Aliphatic C16-C21	54557902.000	26111407.000	10017652.000	5459302.000	2824749.000	
Aliphatic C21-C28	69668452.000	33858844.000	12770130.000	7257411.000	4218376.000	
Aliphatic C28-C40	72014023.000	39678481.000	14821782.000	8648098.000	5222376.000	
Aliphatic EPH	283587243.000	141158010.000	53360028.000	29777841.000	16511192.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	165077.549333	3.705				
Aliphatic C12-C16	170545.538	4.039				
Aliphatic C16-C21	178637.9839996	4.619				
Aliphatic C21-C28	179089.21	10.876				
Aliphatic C28-C40	138802.798333	15.71				
Aliphatic EPH	162300.6281108	8.197				

Concentration

Parameter Range	FE056351.D	FE056352.D	FE056353.D	FE056354.D	FE056355.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	FE056351.D	FE056352.D	FE056353.D	FE056354.D	FE056355.D	
Aliphatic C9-C12	171207.680000	163229.900000	155520.866666	166407.433333	169021.866666	
Aliphatic C12-C16	179922.810000	170247.930000	160480.300000	171040.350000	171036.300000	
Aliphatic C16-C21	181859.673333	174076.046666	166960.866666	181976.733333	188316.600000	

Initial Calibration Report for SequenceID : FE101725AL

Aliphatic C21-C28	174171.130000	169294.220000	159626.625000	181435.275000	210918.800000	
Aliphatic C28-C40	120023.371666	132261.603333	123514.850000	144134.966666	174079.200000	
Aliphatic EPH	157548.468333	156842.233333	148222.300000	165432.450000	183457.688888	

Continuing Calibration Report for SequenceID : FC102825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC070059.D

Aliphatic C9-C12	7996857.000	60.000	3.277	6.572	133280.950	144785.198	7.946
Aliphatic C12-C16	5964236.000	40.000	6.573	9.973	149105.900	163782.335	8.961
Aliphatic C16-C21	8931229.000	60.000	9.974	13.340	148853.817	161945.502	8.084
Aliphatic C21-C28	10881486.000	80.000	13.341	17.005	136018.575	147142.336	7.560
Aliphatic C28-C40	13484302.000	120.000	17.006	21.959	112369.183	107599.833	-4.432
Aliphatic EPH	47258110.000	360.000	3.277	21.959	131272.528	137884.728	4.795

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	28 Oct 2025 11:59
Client Sample ID:		Operator:	YP/AJ
Data file:	FC070059.D	Misc:	
Instrument:	FID_C	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.277	6.572	7996857.000	60.000	ug/ml
Aliphatic C12-C16	6.573	9.973	5964236.000	40.000	ug/ml
Aliphatic C16-C21	9.974	13.340	8931229.000	60.000	ug/ml
Aliphatic C21-C28	13.341	17.005	10881486.000	80.000	ug/ml
Aliphatic C28-C40	17.006	21.959	13484302.000	120.000	ug/ml
Aliphatic EPH	3.277	21.959	47258110.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC102825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC070069.D

Aliphatic C9-C12	8739229.000	60.000	3.277	6.572	145653.817	144785.198	-0.600
Aliphatic C12-C16	6704236.000	40.000	6.573	9.973	167605.900	163782.335	-2.335
Aliphatic C16-C21	10274461.000	60.000	9.974	13.340	171241.017	161945.502	-5.740
Aliphatic C21-C28	12726090.000	80.000	13.341	17.005	159076.125	147142.336	-8.110
Aliphatic C28-C40	15506732.000	120.000	17.006	21.959	129222.767	107599.833	-20.096
Aliphatic EPH	53950748.000	360.000	3.277	21.959	149863.189	137884.728	-8.687

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	28 Oct 2025 20:03
Client Sample ID:		Operator:	YP/AJ
Data file:	FC070069.D	Misc:	
Instrument:	FID_C	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.277	6.572	8739229.000	60.000	ug/ml
Aliphatic C12-C16	6.573	9.973	6704236.000	40.000	ug/ml
Aliphatic C16-C21	9.974	13.340	10274461.000	60.000	ug/ml
Aliphatic C21-C28	13.341	17.005	12726090.000	80.000	ug/ml
Aliphatic C28-C40	17.006	21.959	15506732.000	120.000	ug/ml
Aliphatic EPH	3.277	21.959	53950748.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE102825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE056535.D

Aliphatic C9-C12	8834642.000	60.000	3.240	6.866	147244.033	165077.549	10.803
Aliphatic C12-C16	6204014.000	40.000	6.867	10.314	155100.350	170545.538	9.056
Aliphatic C16-C21	9180601.000	60.000	10.315	13.690	153010.017	178637.984	14.346
Aliphatic C21-C28	11664918.000	80.000	13.691	17.361	145811.475	179089.210	18.582
Aliphatic C28-C40	15384362.000	120.000	17.362	22.315	128203.017	138802.798	7.637
Aliphatic EPH	51268537.000	360.000	3.240	22.315	142412.603	162300.628	12.254

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	28 Oct 2025 12:49
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056535.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.240	6.866	8834642.000	60.000	ug/ml
Aliphatic C12-C16	6.867	10.314	6204014.000	40.000	ug/ml
Aliphatic C16-C21	10.315	13.690	9180601.000	60.000	ug/ml
Aliphatic C21-C28	13.691	17.361	11664918.000	80.000	ug/ml
Aliphatic C28-C40	17.362	22.315	15384362.000	120.000	ug/ml
Aliphatic EPH	3.240	22.315	51268537.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE102825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE056550.D

Aliphatic C9-C12	9003004.000	60.000	3.240	6.866	150050.067	165077.549	9.103
Aliphatic C12-C16	6242994.000	40.000	6.867	10.314	156074.850	170545.538	8.485
Aliphatic C16-C21	9090420.000	60.000	10.315	13.690	151507.000	178637.984	15.188
Aliphatic C21-C28	11600360.000	80.000	13.691	17.361	145004.500	179089.210	19.032
Aliphatic C28-C40	15724890.000	120.000	17.362	22.315	131040.750	138802.798	5.592
Aliphatic EPH	51661668.000	360.000	3.240	22.315	143504.633	162300.628	11.581

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	28 Oct 2025 21:27
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056550.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.240	6.866	9003004.000	60.000	ug/ml
Aliphatic C12-C16	6.867	10.314	6242994.000	40.000	ug/ml
Aliphatic C16-C21	10.315	13.690	9090420.000	60.000	ug/ml
Aliphatic C21-C28	13.691	17.361	11600360.000	80.000	ug/ml
Aliphatic C28-C40	17.362	22.315	15724890.000	120.000	ug/ml
Aliphatic EPH	3.240	22.315	51661668.000	360.000	ug/ml



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102825AL\
 Data File : FE056540.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2025 15:24
 Operator : YP\AJ
 Sample : Q3466-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 B8-0.0-1.0-20251023

A

B

C

D

E

F

G

H

I

J

Integration File: autoint1.E
 Quant Time: Oct 29 04:12:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 14:34:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.986	5304696	25.966 ug/ml
Spiked Amount 50.000		Recovery =	51.93%
12) S 1-chlorooctadecane (S...	13.426	4090797	26.811 ug/ml
Spiked Amount 50.000		Recovery =	53.62%

Target Compounds

(f)=RT Delta > 1/2 Window

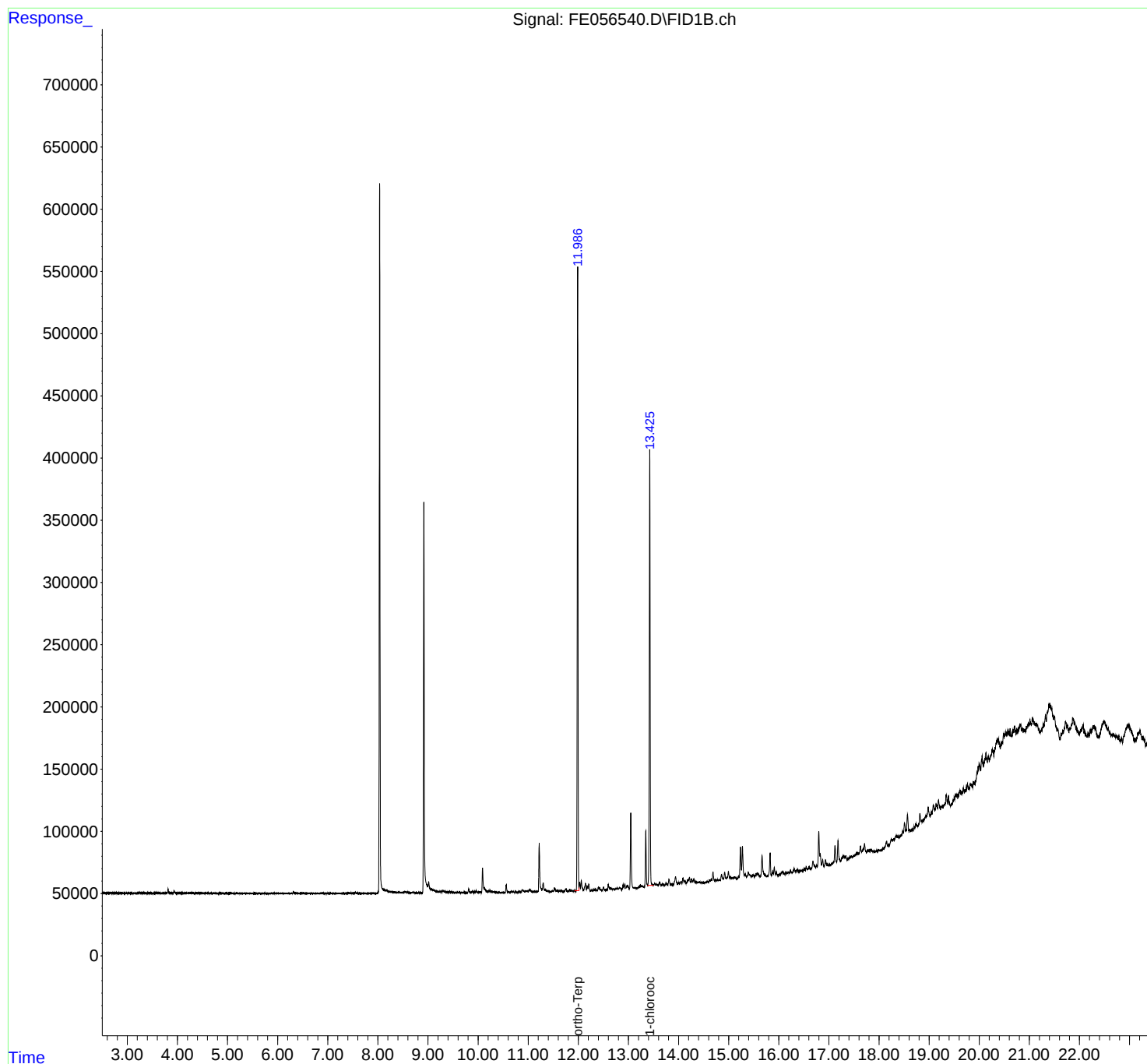
(m)=manual int.

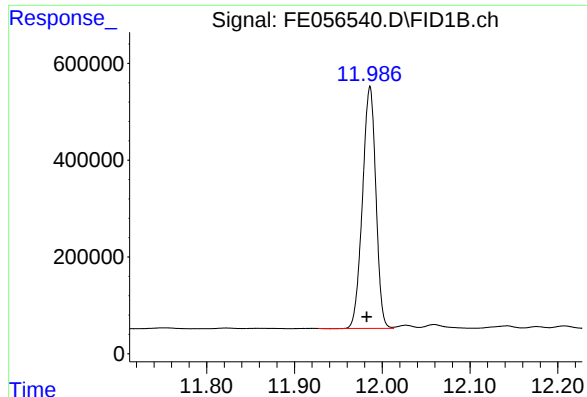
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102825AL\
Data File : FE056540.D
Signal(s) : FID1B.ch
Acq On : 28 Oct 2025 15:24
Operator : YP\AJ
Sample : Q3466-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
B8-0.0-1.0-20251023

Integration File: autoint1.E
Quant Time: Oct 29 04:12:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 14:34:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

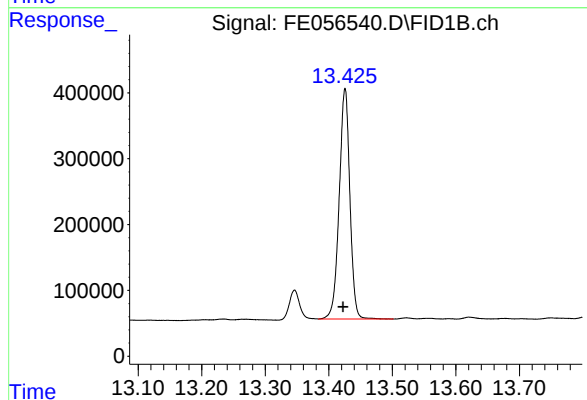




#9 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.003 min
Response: 5304696
Conc: 25.97 ug/ml

Instrument :
FID_E
ClientSampleId :
B8-0.0-1.0-20251023



#12 1-chlorooctadecane (SURR)

R.T.: 13.426 min
Delta R.T.: 0.003 min
Response: 4090797
Conc: 26.81 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102825AL\
 Data File : FE056540.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2025 15:24
 Sample : Q3466-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.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	2.878	2.804	2.924	BV	208	4609	0.06%	0.006%
2	2.960	2.924	3.001	PV	135	3390	0.04%	0.005%
3	3.012	3.001	3.061	PV	136	2842	0.04%	0.004%
4	3.102	3.061	3.124	VV	114	3714	0.05%	0.005%
5	3.127	3.124	3.194	VV	172	3895	0.05%	0.005%
6	3.215	3.194	3.229	VV	358	5108	0.06%	0.007%
7	3.259	3.229	3.291	VV	312	9969	0.13%	0.014%
8	3.301	3.291	3.321	VV	280	4433	0.06%	0.006%
9	3.333	3.321	3.384	VV	316	8962	0.11%	0.012%
10	3.399	3.384	3.443	VV	235	6580	0.08%	0.009%
11	3.454	3.443	3.471	VV	225	2860	0.04%	0.004%
12	3.484	3.471	3.506	VV	285	3980	0.05%	0.006%
13	3.522	3.506	3.594	VV	275	10400	0.13%	0.014%
14	3.654	3.594	3.692	VV	247	10410	0.13%	0.015%
15	3.698	3.692	3.714	VV	179	2038	0.03%	0.003%
16	3.727	3.714	3.745	VV	194	3194	0.04%	0.004%
17	3.758	3.745	3.766	VV	245	2438	0.03%	0.003%
18	3.781	3.766	3.792	VV	374	4923	0.06%	0.007%
19	3.814	3.792	3.904	VV	3730	50967	0.65%	0.071%
20	3.932	3.904	4.001	VV	2094	32723	0.41%	0.046%
21	4.017	4.001	4.079	VV	285	10237	0.13%	0.014%
22	4.089	4.079	4.117	VV	243	4512	0.06%	0.006%
23	4.164	4.117	4.238	VV	336	17018	0.22%	0.024%
24	4.279	4.238	4.329	VV	358	13719	0.17%	0.019%
25	4.364	4.329	4.375	VV	313	7619	0.10%	0.011%
26	4.382	4.375	4.394	VV	386	3629	0.05%	0.005%
27	4.417	4.394	4.448	VV	385	9912	0.13%	0.014%
28	4.462	4.448	4.467	VV	238	2541	0.03%	0.004%
29	4.476	4.467	4.531	VV	237	7493	0.10%	0.010%
30	4.591	4.531	4.617	VV	361	11951	0.15%	0.017%
31	4.629	4.617	4.664	VV	270	4614	0.06%	0.006%
32	4.669	4.664	4.678	VV	151	1116	0.01%	0.002%
33	4.680	4.678	4.694	VV	185	1088	0.01%	0.002%
34	4.713	4.694	4.730	VV	192	2581	0.03%	0.004%
35	4.761	4.730	4.808	VV	382	7902	0.10%	0.011%
36	4.815	4.808	4.852	VV	156	3361	0.04%	0.005%

					rteres			
37	4.868	4.852	4.888	VV	172	3255	0.04%	0.005%
38	4.896	4.888	4.909	VV	200	2065	0.03%	0.003%
39	4.917	4.909	4.951	VV	256	4145	0.05%	0.006%
40	4.974	4.951	5.063	VV	199	10861	0.14%	0.015%
41	5.076	5.063	5.132	VV	220	5285	0.07%	0.007%
42	5.159	5.132	5.187	VV	149	3018	0.04%	0.004%
43	5.197	5.187	5.212	VV	157	1545	0.02%	0.002%
44	5.220	5.212	5.238	VV	145	1594	0.02%	0.002%
45	5.250	5.238	5.309	VV	205	4993	0.06%	0.007%
46	5.318	5.309	5.358	VV	122	2166	0.03%	0.003%
47	5.388	5.358	5.464	VV	122	5146	0.07%	0.007%
48	5.470	5.464	5.485	VV	77	875	0.01%	0.001%
49	5.505	5.485	5.528	VV	99	1550	0.02%	0.002%
50	5.549	5.528	5.604	PV	267	5833	0.07%	0.008%
51	5.638	5.604	5.671	VV	142	3491	0.04%	0.005%
52	5.681	5.671	5.713	VV	103	1860	0.02%	0.003%
53	5.730	5.713	5.767	VV	232	3935	0.05%	0.005%
54	5.774	5.767	5.794	VV	175	1650	0.02%	0.002%
55	5.805	5.794	5.817	VV	74	625	0.01%	0.001%
56	5.865	5.817	5.875	VV	191	4638	0.06%	0.006%
57	5.882	5.875	5.887	VV	148	1157	0.01%	0.002%
58	5.901	5.887	5.915	VV	212	3271	0.04%	0.005%
59	5.924	5.915	6.019	VV	263	8673	0.11%	0.012%
60	6.034	6.019	6.075	VV	227	4040	0.05%	0.006%
61	6.088	6.075	6.110	VV	123	1722	0.02%	0.002%
62	6.121	6.110	6.138	VV	131	1208	0.02%	0.002%
63	6.143	6.138	6.160	VV	91	886	0.01%	0.001%
64	6.179	6.160	6.186	PV	101	895	0.01%	0.001%
65	6.199	6.186	6.279	VV	146	6140	0.08%	0.009%
66	6.314	6.279	6.368	VV	1152	21597	0.27%	0.030%
67	6.381	6.368	6.392	VV	188	2132	0.03%	0.003%
68	6.411	6.392	6.451	VV	184	4399	0.06%	0.006%
69	6.476	6.451	6.521	VV	351	7144	0.09%	0.010%
70	6.557	6.521	6.592	VV	217	5073	0.06%	0.007%
71	6.613	6.592	6.644	VV	274	5769	0.07%	0.008%
72	6.657	6.644	6.698	VV	248	4939	0.06%	0.007%
73	6.707	6.698	6.747	VV	112	2344	0.03%	0.003%
74	6.764	6.747	6.814	VV	240	3670	0.05%	0.005%
75	6.831	6.814	6.857	VV	124	1872	0.02%	0.003%
76	6.874	6.857	6.891	VV	113	1465	0.02%	0.002%
77	6.895	6.891	6.961	VV	130	3289	0.04%	0.005%
78	6.964	6.961	7.000	VV	123	1003	0.01%	0.001%
79	7.021	7.000	7.032	VV	277	2748	0.03%	0.004%
80	7.056	7.032	7.170	VV	304	11246	0.14%	0.016%
81	7.178	7.170	7.189	VV	135	790	0.01%	0.001%
82	7.196	7.189	7.207	VV	48	316	0.00%	0.000%
83	7.216	7.207	7.236	VV	81	815	0.01%	0.001%
84	7.246	7.236	7.270	VV	105	1354	0.02%	0.002%
85	7.282	7.270	7.334	PV	106	4700	0.06%	0.007%
86	7.345	7.334	7.382	VV	203	3242	0.04%	0.005%
87	7.415	7.382	7.444	VV	596	10704	0.14%	0.015%
88	7.464	7.444	7.521	VV	349	12036	0.15%	0.017%
89	7.549	7.521	7.644	VV	859	19490	0.25%	0.027%

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90	7.659	7.644	7.688	VV	148	2811	0.04%	0.004%
91	7.716	7.688	7.771	VV	148	5612	0.07%	0.008%
92	7.790	7.771	7.841	VV	95	2576	0.03%	0.004%
93	7.903	7.841	7.968	PV	132	3899	0.05%	0.005%
94	8.174	8.161	8.296	VV	2739	122982	1.56%	0.171%
95	8.312	8.296	8.393	VV	1060	51090	0.65%	0.071%
96	8.422	8.393	8.467	VV	936	33033	0.42%	0.046%
97	8.530	8.467	8.584	VV	1448	55976	0.71%	0.078%
98	8.601	8.584	8.661	VV	902	26827	0.34%	0.037%
99	8.715	8.661	8.788	VV	788	38156	0.48%	0.053%
100	8.806	8.788	8.884	VV	544	14939	0.19%	0.021%
101	9.013	8.992	9.238	VV	9251	413667	5.25%	0.577%
102	9.257	9.238	9.275	VV	1512	27757	0.35%	0.039%
103	9.297	9.275	9.411	VV	2133	87067	1.10%	0.121%
104	9.430	9.411	9.452	VV	1357	21305	0.27%	0.030%
105	9.470	9.452	9.550	VV	820	26207	0.33%	0.037%
106	9.586	9.550	9.647	VV	700	22414	0.28%	0.031%
107	9.723	9.647	9.778	VV	638	20021	0.25%	0.028%
108	9.813	9.778	9.863	VV	2772	50514	0.64%	0.070%
109	9.888	9.863	9.914	VV	1013	18523	0.23%	0.026%
110	9.960	9.914	10.000	VV	1555	36376	0.46%	0.051%
111	10.021	10.000	10.061	VV	824	20144	0.26%	0.028%
112	10.090	10.061	10.198	VV	19418	358854	4.55%	0.500%
113	10.235	10.198	10.364	VV	2022	91578	1.16%	0.128%
114	10.396	10.364	10.531	VV	350	16877	0.21%	0.024%
115	10.562	10.531	10.631	PV	6206	88307	1.12%	0.123%
116	10.698	10.631	10.724	VV	899	32118	0.41%	0.045%
117	10.739	10.724	10.778	VV	714	11860	0.15%	0.017%
118	10.813	10.778	10.854	VV	845	21871	0.28%	0.030%
119	10.882	10.854	10.934	VV	2293	53525	0.68%	0.075%
120	11.024	10.934	11.100	VV	2047	105970	1.34%	0.148%
121	11.119	11.100	11.167	VV	896	20882	0.26%	0.029%
122	11.220	11.167	11.274	VV	38488	536247	6.80%	0.748%
123	11.299	11.274	11.452	VV	7611	189136	2.40%	0.264%
124	11.527	11.452	11.578	VV	2922	81566	1.03%	0.114%
125	11.590	11.578	11.611	VV	986	14708	0.19%	0.021%
126	11.660	11.611	11.690	VV	1526	30274	0.38%	0.042%
127	11.751	11.690	11.787	PV	2132	46181	0.59%	0.064%
128	11.822	11.787	11.842	VV	1689	26216	0.33%	0.037%
129	11.860	11.842	11.895	VV	944	22258	0.28%	0.031%
130	11.919	11.895	11.941	VV	741	13598	0.17%	0.019%
131	11.986	11.941	12.042	VV	495430	5419117	68.72%	7.555%
132	12.059	12.042	12.108	VV	8676	147130	1.87%	0.205%
133	12.140	12.108	12.161	VV	5810	105149	1.33%	0.147%
134	12.207	12.161	12.251	VV	5659	134411	1.70%	0.187%
135	12.330	12.251	12.378	VV	888	40856	0.52%	0.057%
136	12.403	12.378	12.473	VV	2856	71669	0.91%	0.100%
137	12.501	12.473	12.544	PV	2693	45518	0.58%	0.063%
138	12.598	12.544	12.680	VV	4657	121001	1.53%	0.169%
139	12.698	12.680	12.721	VV	917	16749	0.21%	0.023%
140	12.752	12.721	12.801	VV	1076	36837	0.47%	0.051%
141	12.821	12.801	12.863	VV	1931	35718	0.45%	0.050%

rteres								
142	12.893	12.863	12.911	PV	3567	52326	0.66%	0.073%
143	12.928	12.911	12.948	VV	4062	53812	0.68%	0.075%
144	12.973	12.948	13.018	VV	2615	69031	0.88%	0.096%
145	13.047	13.018	13.168	VV	61196	776664	9.85%	1.083%
146	13.233	13.168	13.250	VV	2069	48152	0.61%	0.067%
147	13.268	13.250	13.318	VV	1635	40295	0.51%	0.056%
148	13.346	13.318	13.384	VV	45543	539937	6.85%	0.753%
149	13.425	13.384	13.501	VV	350709	4194214	53.19%	5.847%
150	13.522	13.501	13.601	VV	2985	105121	1.33%	0.147%
151	13.622	13.601	13.658	VV	3568	66932	0.85%	0.093%
152	13.677	13.658	13.724	VV	1621	41122	0.52%	0.057%
153	13.751	13.724	13.788	VV	2161	53103	0.67%	0.074%
154	13.810	13.788	13.891	VV	4975	111306	1.41%	0.155%
155	13.940	13.891	13.981	VV	6752	162228	2.06%	0.226%
156	14.003	13.981	14.023	VV	2005	36182	0.46%	0.050%
157	14.089	14.023	14.151	VV	5416	185034	2.35%	0.258%
158	14.216	14.151	14.240	VV	5250	159240	2.02%	0.222%
159	14.261	14.240	14.284	VV	4045	68929	0.87%	0.096%
160	14.304	14.284	14.368	VV	4113	93468	1.19%	0.130%
161	14.385	14.368	14.493	VV	1150	50330	0.64%	0.070%
162	14.530	14.493	14.551	PV	558	9175	0.12%	0.013%
163	14.574	14.551	14.594	VV	961	14311	0.18%	0.020%
164	14.687	14.594	14.723	VV	7912	194038	2.46%	0.271%
165	14.743	14.723	14.763	VV	1914	32172	0.41%	0.045%
166	14.781	14.763	14.797	VV	1437	23006	0.29%	0.032%
167	14.858	14.797	14.893	VV	5366	130148	1.65%	0.181%
168	14.920	14.893	14.948	VV	6732	122212	1.55%	0.170%
169	14.995	14.948	15.064	VV	7091	209704	2.66%	0.292%
170	15.116	15.064	15.164	VV	2121	91751	1.16%	0.128%
171	15.234	15.164	15.254	VV	25477	392863	4.98%	0.548%
172	15.275	15.254	15.358	VV	26261	505049	6.40%	0.704%
173	15.395	15.358	15.448	VV	4597	146097	1.85%	0.204%
174	15.493	15.448	15.517	VV	2342	73019	0.93%	0.102%
175	15.549	15.517	15.564	VV	3321	63836	0.81%	0.089%
176	15.580	15.564	15.631	VV	3065	79561	1.01%	0.111%
177	15.666	15.631	15.758	VV	17015	336651	4.27%	0.469%
178	15.826	15.758	15.854	VV	18311	262698	3.33%	0.366%
179	15.910	15.854	15.933	VV	6892	142520	1.81%	0.199%
180	15.949	15.933	15.984	VV	2987	45289	0.57%	0.063%
181	16.073	15.984	16.124	PV	2087	77791	0.99%	0.108%
182	16.147	16.124	16.167	VV	1094	18135	0.23%	0.025%
183	16.235	16.167	16.261	VV	1716	47854	0.61%	0.067%
184	16.307	16.261	16.338	VV	3340	62717	0.80%	0.087%
185	16.369	16.338	16.424	VV	1595	37507	0.48%	0.052%
186	16.511	16.424	16.527	PV	1286	20137	0.26%	0.028%
187	16.548	16.527	16.570	VV	1639	22592	0.29%	0.031%
188	16.605	16.570	16.641	VV	1521	37097	0.47%	0.052%
189	16.683	16.641	16.733	VV	6218	135274	1.72%	0.189%
190	16.799	16.733	16.854	VV	29021	577921	7.33%	0.806%
191	16.875	16.854	16.904	VV	5808	85033	1.08%	0.119%
192	16.933	16.904	16.984	VV	5073	87725	1.11%	0.122%
193	17.005	16.984	17.038	VV	557	10708	0.14%	0.015%
194	17.122	17.038	17.152	PV	14640	245514	3.11%	0.342%

rterres								
195	17.183	17.152	17.233	VV	17860	283655	3.60%	0.395%
196	17.306	17.233	17.374	VV	4141	209300	2.65%	0.292%
197	17.432	17.374	17.468	VV	2394	74658	0.95%	0.104%
198	17.551	17.468	17.588	VV	3124	156947	1.99%	0.219%
199	17.628	17.588	17.654	VV	7347	170019	2.16%	0.237%
200	17.711	17.654	17.751	VV	8895	266666	3.38%	0.372%
201	17.799	17.751	17.817	VV	2867	92541	1.17%	0.129%
202	17.840	17.817	17.874	VV	2651	64762	0.82%	0.090%
203	17.890	17.874	17.918	VV	705	14596	0.19%	0.020%
204	18.150	17.918	18.174	PV	3775	-25637	-0.33%	-0.036%
205	18.246	18.174	18.274	PV	3244	73685	0.93%	0.103%
206	18.338	18.274	18.400	VV	3723	204776	2.60%	0.285%
207	18.510	18.400	18.538	VV	10789	365462	4.63%	0.509%
208	18.568	18.538	18.624	VV	16673	368856	4.68%	0.514%
209	18.736	18.624	18.770	VV	5922	287787	3.65%	0.401%
210	18.816	18.770	18.858	VV	12365	333512	4.23%	0.465%
211	18.981	18.858	19.015	VV	14251	715274	9.07%	0.997%
212	19.086	19.015	19.116	VV	13355	558570	7.08%	0.779%
213	19.142	19.116	19.163	VV	12933	313140	3.97%	0.437%
214	19.187	19.163	19.228	VV	15461	434753	5.51%	0.606%
215	19.259	19.228	19.275	VV	9643	244209	3.10%	0.340%
216	19.341	19.275	19.366	VV	16168	597566	7.58%	0.833%
217	19.385	19.366	19.424	VV	14839	356860	4.53%	0.497%
218	19.558	19.424	19.578	VV	12638	887793	11.26%	1.238%
219	19.617	19.578	19.671	VV	14438	678552	8.61%	0.946%
220	19.684	19.671	19.708	VV	13896	284516	3.61%	0.397%
221	19.765	19.708	19.798	VV	15729	711855	9.03%	0.992%
222	19.832	19.798	19.868	VV	15196	571608	7.25%	0.797%
223	19.885	19.868	19.918	VV	15535	424806	5.39%	0.592%
224	20.001	19.918	20.031	VV	27160	1477749	18.74%	2.060%
225	20.056	20.031	20.081	VV	33386	841182	10.67%	1.173%
226	20.133	20.081	20.160	VV	34189	1348015	17.10%	1.879%
227	20.180	20.160	20.201	VV	29390	694222	8.80%	0.968%
228	20.260	20.201	20.292	VV	34478	1653451	20.97%	2.305%
229	20.360	20.292	20.421	VV	40343	2774678	35.19%	3.868%
230	20.574	20.421	20.644	VV	42050	5218277	66.18%	7.275%
231	20.705	20.644	20.733	VV	43424	2114910	26.82%	2.948%
232	20.822	20.733	20.923	VV	42700	4350929	55.18%	6.066%
233	21.013	20.923	21.038	VV	41295	2665593	33.80%	3.716%
234	21.063	21.038	21.218	VV	42890	3850490	48.83%	5.368%
235	21.411	21.218	21.614	VV	47165	7885314	100.00%	10.993%
236	21.723	21.614	21.786	VV	25801	2057571	26.09%	2.868%
237	21.869	21.786	21.998	VV	25649	2349794	29.80%	3.276%
238	22.070	21.998	22.154	VV	14099	1016082	12.89%	1.417%
239	22.175	22.154	22.193	VV	6983	140650	1.78%	0.196%
240	22.274	22.193	22.368	VV	11640	770710	9.77%	1.074%

Sum of corrected areas: 71731698

Aliphatic EPH 101725.M Wed Oct 29 04:37:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
Data File : FC070060.D
Signal(s) : FID1A.ch
Acq On : 28 Oct 2025 13:19
Operator : YP/AJ
Sample : PB170266BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB170266BL

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Integration File: autoint1.e
Quant Time: Oct 29 03:45:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.642	6533927	37.208 ug/ml
Spiked Amount	50.000	Recovery	= 74.42%
12) S 1-chlorooctadecane (S...	13.077	5156082	37.984 ug/ml
Spiked Amount	50.000	Recovery	= 75.97%

Target Compounds

(f)=RT Delta > 1/2 Window

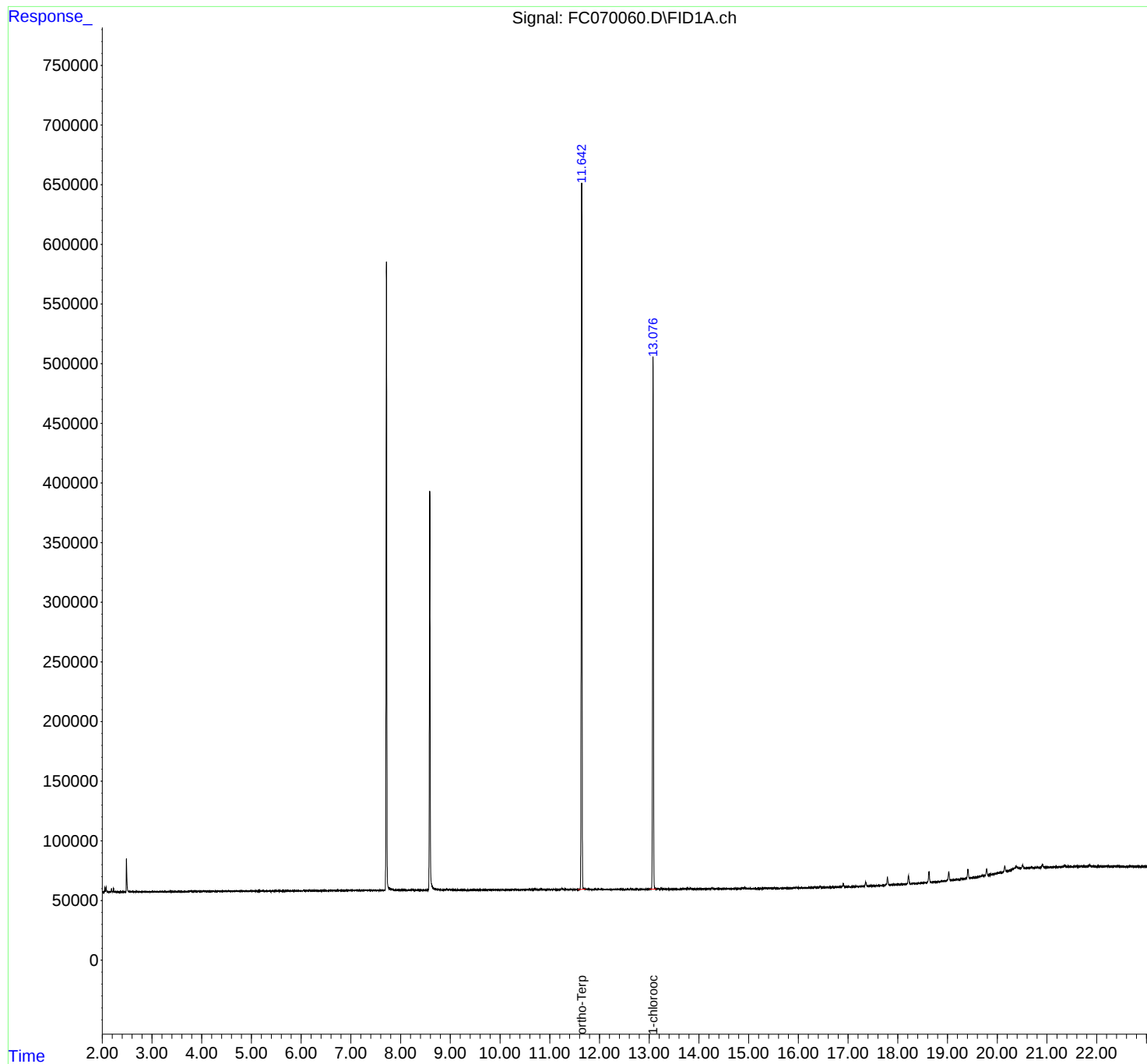
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
Data File : FC070060.D
Signal(s) : FID1A.ch
Acq On : 28 Oct 2025 13:19
Operator : YP/AJ
Sample : PB170266BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB170266BL

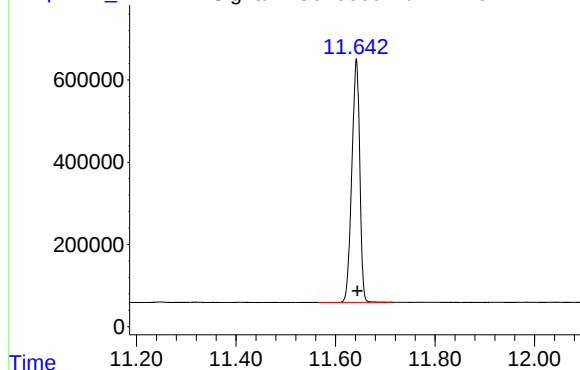
Integration File: autoint1.e
Quant Time: Oct 29 03:45:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Signal: FC070060.D\FID1A.ch

#9 ortho-Terphenyl (SURR)

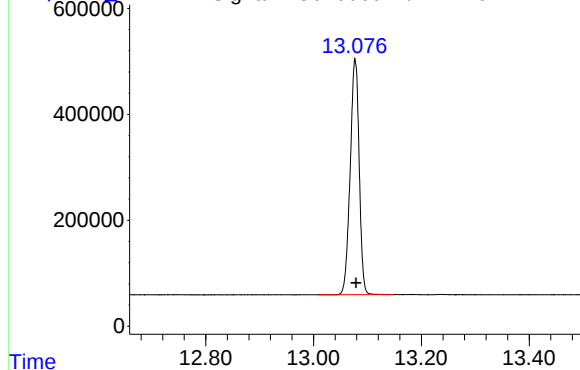


R.T.: 11.642 min
Delta R.T.: -0.002 min
Response: 6533927
Conc: 37.21 ug/ml

Instrument :
FID_C
ClientSampleId :
PB170266BL

Signal: FC070060.D\FID1A.ch

#12 1-chlorooctadecane (SURR)



R.T.: 13.077 min
Delta R.T.: -0.002 min
Response: 5156082
Conc: 37.98 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
 Data File : FC070060.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2025 13:19
 Sample : PB170266BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	11.642	11.565	11.717	BB	592865	6533927	100.00%	55.893%
2	13.077	13.008	13.148	BB	445378	5156082	78.91%	44.107%
Sum of corrected areas:						11690009		

Aliphatic EPH 100725.M Wed Oct 29 05:04:23 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
 Data File : FC070061.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2025 13:58
 Operator : YP/AJ
 Sample : PB170266BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170266BS

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Integration File: autoint1.e
 Quant Time: Oct 29 03:46:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.643	6583185	37.489 ug/ml
Spiked Amount 50.000		Recovery =	74.98%
12) S 1-chlorooctadecane (S...	13.076	5277309	38.877 ug/ml
Spiked Amount 50.000		Recovery =	77.75%
Target Compounds			
1) T n-Nonane (C9)	3.387	4650479	33.867 ug/ml
2) T n-Decane (C10)	4.455	5059400	35.193 ug/ml
3) T A~Naphthalene (C11.7)	6.046	6153980	38.078 ug/ml
4) T n-Dodecane (C12)	6.474	5635226	36.765 ug/ml
5) T A~2-methylnaphthalene...	7.105	5941085	37.236 ug/ml
6) T n-Tetradecane (C14)	8.274	6090686	38.296 ug/ml
7) T n-Hexadecane (C16)	9.875	6443448	38.235 ug/ml
8) T n-Octadecane (C18)	11.320	6465010	38.001 ug/ml
10) T n-Eicosane (C20)	12.631	6501061	40.522 ug/ml
11) T n-Heneicosane (C21)	13.244	6220754	40.063 ug/ml
13) T n-Docosane (C22)	13.831	6083189	39.528 ug/ml
14) T n-Tetracosane (C24)	14.931	11419021	75.308 ug/ml
15) T n-Hexacosane (C26)	15.958	5570515	38.486 ug/ml
16) T n-Octacosane (C28)	16.908	5285816	38.219 ug/ml
17) T n-Tricontane (C30)	17.797	5235733	38.347 ug/ml
18) T n-Dotriacontane (C32)	18.629	5101590	39.568 ug/ml
19) T n-Tetratriacontane (C34)	19.414	5187390	45.464 ug/ml
20) T n-Hexatriacontane (C36)	20.155	4854069	50.191 ug/ml
21) T n-Octatriacontane (C38)	20.912	5009101	57.471 ug/ml
22) T n-Tetracontane (C40)	21.863	4904253	59.690 ug/ml

(f)=RT Delta > 1/2 Window

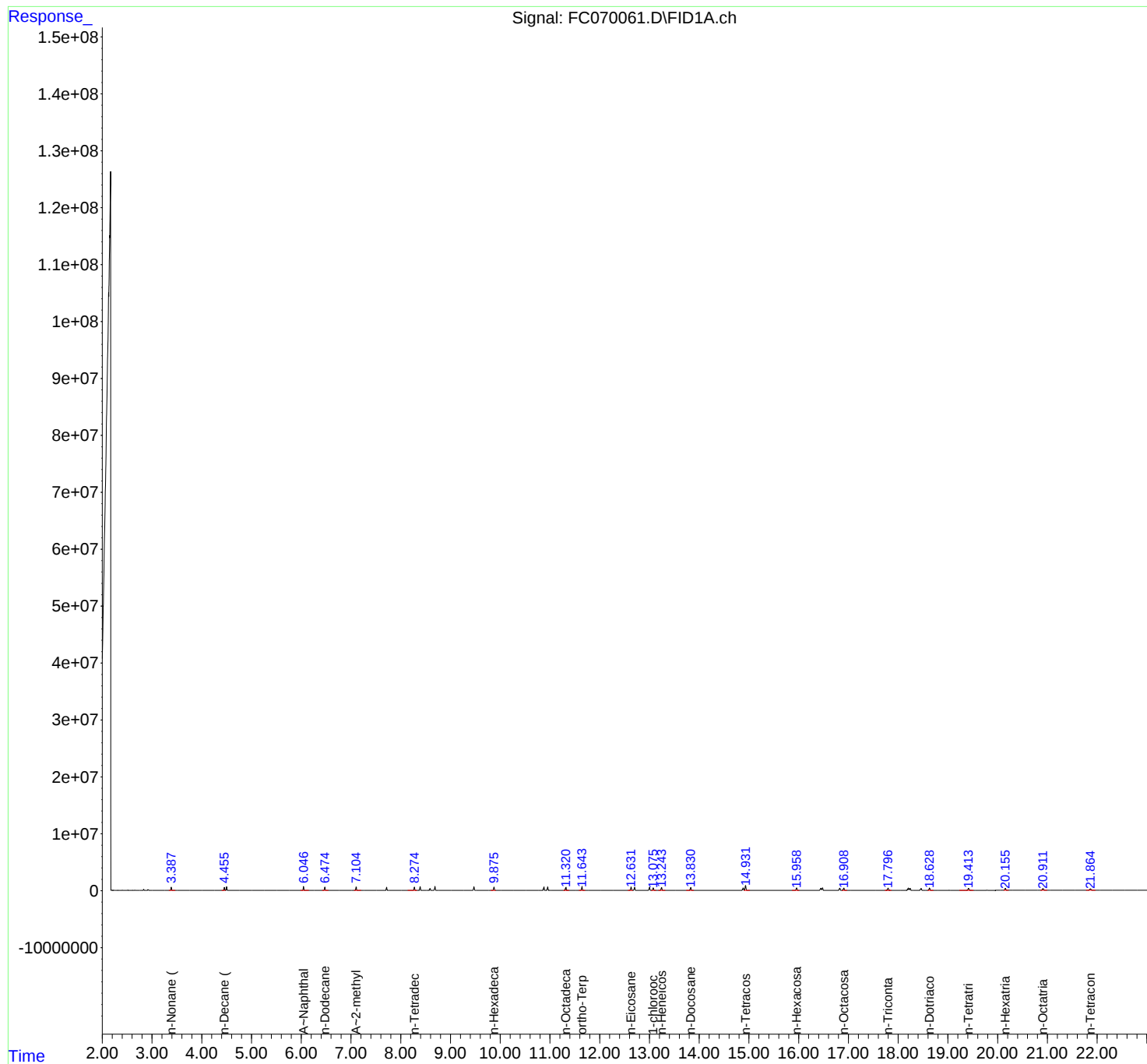
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
Data File : FC070061.D
Signal(s) : FID1A.ch
Acq On : 28 Oct 2025 13:58
Operator : YP/AJ
Sample : PB170266BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB170266BS

Integration File: autoint1.e
Quant Time: Oct 29 03:46:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
 Data File : FC070061.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2025 13:58
 Sample : PB170266BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.387	3.337	3.467	BB	558475	4650479	40.73%	2.151%
2	4.455	4.402	4.477	BV	565217	5059400	44.31%	2.340%
3	4.500	4.477	4.543	VV	636800	5586985	48.93%	2.584%
4	6.046	5.985	6.152	BB	664107	6153980	53.89%	2.846%
5	6.474	6.420	6.547	BB	577243	5635226	49.35%	2.606%
6	7.105	7.059	7.205	BB	602491	5941085	52.03%	2.748%
7	8.274	8.140	8.327	BB	565703	6090686	53.34%	2.817%
8	8.390	8.327	8.474	BB	651603	6612135	57.90%	3.058%
9	8.688	8.655	8.787	VB	661309	6711613	58.78%	3.104%
10	9.473	9.414	9.575	BB	618682	6755054	59.16%	3.124%
11	9.875	9.809	9.909	BV	583012	6443448	56.43%	2.980%
12	10.879	10.795	10.920	BV	597536	6408272	56.12%	2.964%
13	10.955	10.920	11.054	VB	580075	6363879	55.73%	2.943%
14	11.320	11.270	11.387	BB	567160	6465010	56.62%	2.990%
15	11.643	11.580	11.709	BB	597465	6583185	57.65%	3.045%
16	12.631	12.565	12.664	BV	567190	6501061	56.93%	3.007%
17	12.701	12.664	12.789	VB	533707	6044081	52.93%	2.795%
18	13.002	12.930	13.035	BV	525382	5988995	52.45%	2.770%
19	13.076	13.035	13.135	VB	445144	5277309	46.22%	2.441%
20	13.244	13.179	13.319	BB	490391	6220754	54.48%	2.877%
21	13.831	13.740	13.892	BB	511350	6083189	53.27%	2.813%
22	14.884	14.812	14.903	BV	415063	5488473	48.06%	2.538%
23	14.931	14.903	15.020	VB	856441	11419021	100.00%	5.281%
24	15.958	15.865	16.010	BB	419343	5570515	48.78%	2.576%
25	16.446	16.370	16.461	BV	369234	5307897	46.48%	2.455%
26	16.480	16.461	16.572	VB	436828	5345003	46.81%	2.472%
27	16.827	16.754	16.869	BBA	370479	5067932	44.38%	2.344%
28	16.908	16.870	16.974	BB	397809	5285816	46.29%	2.445%
29	17.797	17.732	17.865	BB	396781	5235733	45.85%	2.421%
30	18.205	18.120	18.219	BV	365526	5187899	45.43%	2.399%
31	18.239	18.219	18.367	VB	346456	4891594	42.84%	2.262%
32	18.462	18.380	18.572	BB	331725	4797074	42.01%	2.219%
33	18.629	18.590	18.709	BB	351973	5101590	44.68%	2.359%
34	19.414	19.229	19.515	BB	351121	5187390	45.43%	2.399%
35	20.155	20.120	20.222	BB	331684	4854069	42.51%	2.245%
36	20.912	20.860	20.995	BB	274385	5009101	43.87%	2.317%

37 21.863 21.775 21.967 BB 192289 4904253 42.95% 2.268%
rteres
Sum of corrected areas: 216229185

Aliphatic EPH 100725.M Wed Oct 29 05:05:41 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
 Data File : FC070062.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2025 14:38
 Operator : YP/AJ
 Sample : PB170266BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170266BSD

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Integration File: autoint1.e
 Quant Time: Oct 29 03:46:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.643	6788843	38.660 ug/ml
Spiked Amount 50.000		Recovery =	77.32%
12) S 1-chlorooctadecane (S...	13.078	5478491	40.359 ug/ml
Spiked Amount 50.000		Recovery =	80.72%
Target Compounds			
1) T n-Nonane (C9)	3.388	4802337	34.973 ug/ml
2) T n-Decane (C10)	4.456	5239712	36.447 ug/ml
3) T A~Naphthalene (C11.7)	6.047	6350997	39.297 ug/ml
4) T n-Dodecane (C12)	6.475	5845462	38.137 ug/ml
5) T A~2-methylnaphthalene...	7.105	6125621	38.393 ug/ml
6) T n-Tetradecane (C14)	8.274	6343256	39.884 ug/ml
7) T n-Hexadecane (C16)	9.876	6712913	39.834 ug/ml
8) T n-Octadecane (C18)	11.320	6736591	39.597 ug/ml
10) T n-Eicosane (C20)	12.632	6767348	42.182 ug/ml
11) T n-Heneicosane (C21)	13.244	6467043	41.649 ug/ml
13) T n-Docosane (C22)	13.831	6317736	41.052 ug/ml
14) T n-Tetracosane (C24)	14.931	11721933	77.306 ug/ml
15) T n-Hexacosane (C26)	15.958	5749384	39.722 ug/ml
16) T n-Octacosane (C28)	16.907	5459099	39.472 ug/ml
17) T n-Tricontane (C30)	17.798	5417062	39.676 ug/ml
18) T n-Dotriacontane (C32)	18.630	5290602	41.034 ug/ml
19) T n-Tetratriacontane (C34)	19.415	5381965	47.169 ug/ml
20) T n-Hexatriacontane (C36)	20.156	5014123	51.846 ug/ml
21) T n-Octatriacontane (C38)	20.913	5115981	58.697 ug/ml
22) T n-Tetracontane (C40)	21.867	4987694	60.705 ug/ml

(f)=RT Delta > 1/2 Window

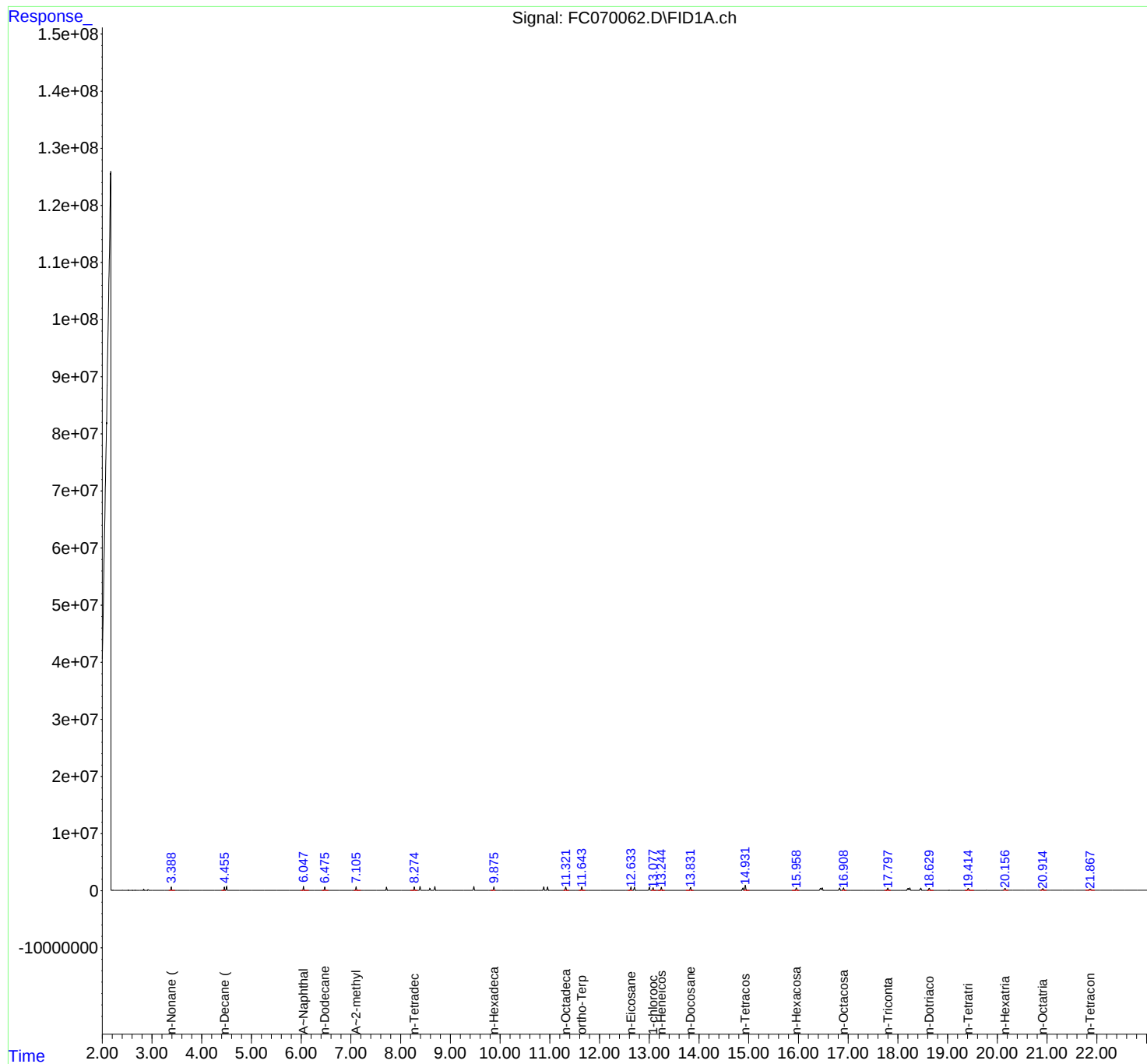
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
Data File : FC070062.D
Signal(s) : FID1A.ch
Acq On : 28 Oct 2025 14:38
Operator : YP/AJ
Sample : PB170266BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB170266BSD

Integration File: autoint1.e
Quant Time: Oct 29 03:46:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
 Data File : FC070062.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2025 14:38
 Sample : PB170266BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.388	3.337	3.465	BB	586480	4802337	40.97%	2.155%
2	4.456	4.399	4.477	BV	589167	5239712	44.70%	2.351%
3	4.500	4.477	4.543	VV	658008	5764229	49.17%	2.587%
4	6.047	5.985	6.155	BB	693006	6350997	54.18%	2.850%
5	6.475	6.415	6.547	BB	601050	5845462	49.87%	2.623%
6	7.105	7.057	7.200	BB	615853	6125621	52.26%	2.749%
7	8.274	8.194	8.342	BB	609153	6343256	54.11%	2.846%
8	8.390	8.342	8.477	BB	669072	6814280	58.13%	3.058%
9	8.689	8.655	8.789	VB	665425	6916914	59.01%	3.104%
10	9.473	9.414	9.579	BB	654808	6953226	59.32%	3.120%
11	9.876	9.809	9.909	BV	608576	6712913	57.27%	3.012%
12	10.879	10.794	10.922	BV	589457	6571809	56.06%	2.949%
13	10.956	10.922	11.072	VB	567505	6529509	55.70%	2.930%
14	11.320	11.274	11.389	BB	569730	6736591	57.47%	3.023%
15	11.643	11.580	11.714	BB	602018	6788843	57.92%	3.046%
16	12.632	12.565	12.664	BV	584119	6767348	57.73%	3.037%
17	12.703	12.664	12.797	VB	556082	6172453	52.66%	2.770%
18	13.003	12.930	13.036	BV	532776	6110532	52.13%	2.742%
19	13.078	13.036	13.142	VB	466486	5478491	46.74%	2.458%
20	13.244	13.170	13.312	BB	552785	6467043	55.17%	2.902%
21	13.831	13.737	13.892	BB	506729	6317736	53.90%	2.835%
22	14.884	14.819	14.904	BV	417359	5595880	47.74%	2.511%
23	14.931	14.904	15.017	VB	901870	11721933	100.00%	5.260%
24	15.958	15.869	16.014	BB	439279	5749384	49.05%	2.580%
25	16.446	16.370	16.461	BV	375872	5408867	46.14%	2.427%
26	16.480	16.461	16.565	VB	443009	5417489	46.22%	2.431%
27	16.828	16.750	16.869	BBA	411793	5148605	43.92%	2.310%
28	16.907	16.870	16.967	BB	404043	5459099	46.57%	2.450%
29	17.798	17.730	17.859	BB	392556	5417062	46.21%	2.431%
30	18.205	18.120	18.220	BV	360844	5379958	45.90%	2.414%
31	18.241	18.220	18.374	VB	380205	5064465	43.21%	2.273%
32	18.461	18.389	18.577	BB	335520	4884770	41.67%	2.192%
33	18.630	18.590	18.717	BB	368216	5290602	45.13%	2.374%
34	19.415	19.345	19.529	BB	349415	5381965	45.91%	2.415%
35	20.156	20.120	20.224	BB	341196	5014123	42.78%	2.250%
36	20.913	20.860	20.992	BB	281939	5115981	43.64%	2.296%

37 21.867 21.770 21.960 BB 200855 4987694 42.55% 2.238%
rteres
Sum of corrected areas: 222847176

Aliphatic EPH 100725.M Wed Oct 29 05:07:02 2025

A
B
C
D
E
F
G
H
I
J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
 Data File : FC070065.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2025 16:39
 Operator : YP/AJ
 Sample : Q3469-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-13MS

A
B
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J

Integration File: autoint1.e
 Quant Time: Oct 29 07:48:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.641	4959543	28.243 ug/ml
Spiked Amount 50.000		Recovery =	56.49%
12) S 1-chlorooctadecane (S...	13.076	4099935	30.204 ug/ml
Spiked Amount 50.000		Recovery =	60.41%
Target Compounds			
1) T n-Nonane (C9)	3.378	3116026	22.692 ug/ml
2) T n-Decane (C10)	4.451	3586581	24.948 ug/ml
3) T A~Naphthalene (C11.7)	6.045	4684147	28.983 ug/ml
4) T n-Dodecane (C12)	6.473	4126061	26.919 ug/ml
5) T A~2-methylnaphthalene...	7.103	4496838	28.184 ug/ml
6) T n-Tetradecane (C14)	8.273	4623674	29.072 ug/ml
7) T n-Hexadecane (C16)	9.874	4957225	29.416 ug/ml
8) T n-Octadecane (C18)	11.319	4993173	29.349 ug/ml
10) T n-Eicosane (C20)	12.629	4937253	30.774 ug/ml
11) T n-Heneicosane (C21)	13.242	4820586	31.046 ug/ml
13) T n-Docosane (C22)	13.829	4718752	30.662 ug/ml
14) T n-Tetracosane (C24)	14.928	9207348	60.722 ug/ml
15) T n-Hexacosane (C26)	15.957	4307926	29.763 ug/ml
16) T n-Octacosane (C28)	16.906	4111065	29.725 ug/ml
17) T n-Tricontane (C30)	17.796	3976203	29.122 ug/ml
18) T n-Dotriacontane (C32)	18.628	3819775	29.626 ug/ml
19) T n-Tetratriacontane (C34)	19.412	3762941	32.979 ug/ml
20) T n-Hexatriacontane (C36)	20.152	3389119	35.044 ug/ml
21) T n-Octatriacontane (C38)	20.909	3364543	38.602 ug/ml
22) T n-Tetracontane (C40)	21.861	3288985	40.030 ug/ml

(f)=RT Delta > 1/2 Window

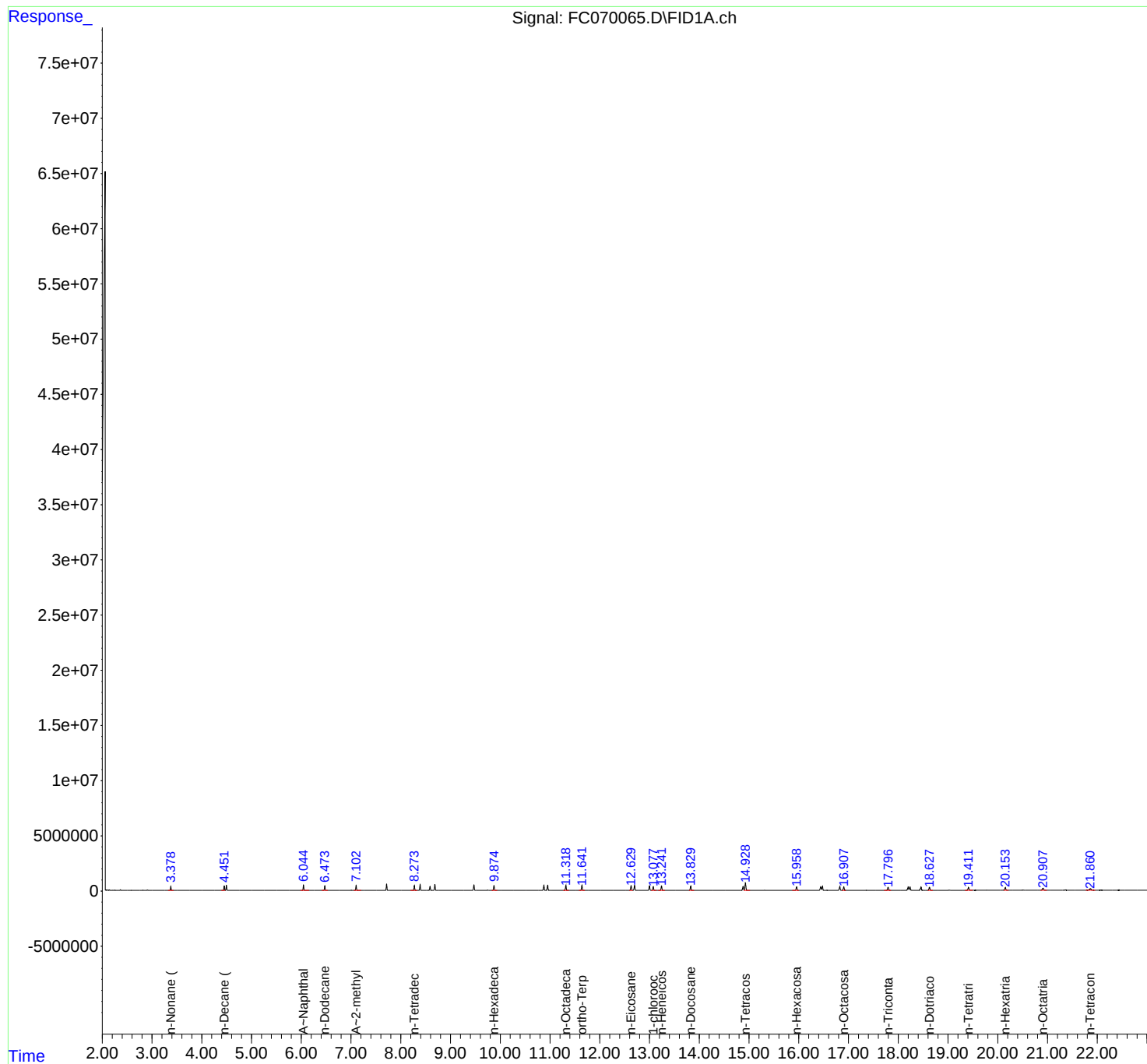
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
Data File : FC070065.D
Signal(s) : FID1A.ch
Acq On : 28 Oct 2025 16:39
Operator : YP/AJ
Sample : Q3469-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
TP-13MS

Integration File: autoint1.e
Quant Time: Oct 29 07:48:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
 Data File : FC070065.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2025 16:39
 Sample : Q3469-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.237	3.204	3.251	BV	276	2064	0.02%	0.001%
2	3.266	3.251	3.328	VV	578	9837	0.11%	0.005%
3	3.334	3.328	3.354	PV	35	502	0.01%	0.000%
4	3.378	3.354	3.489	PV	372733	3145662	34.03%	1.757%
5	3.503	3.489	3.516	VV	325	4220	0.05%	0.002%
6	3.529	3.516	3.551	VV	338	4233	0.05%	0.002%
7	3.559	3.551	3.609	VV	179	3512	0.04%	0.002%
8	3.621	3.609	3.630	PV	130	889	0.01%	0.000%
9	3.656	3.630	3.668	VV	306	4337	0.05%	0.002%
10	3.689	3.668	3.720	VV	550	10933	0.12%	0.006%
11	3.734	3.720	3.751	VV	625	6509	0.07%	0.004%
12	3.768	3.751	3.840	VV	5975	56871	0.62%	0.032%
13	3.866	3.840	3.909	VV	4695	45797	0.50%	0.026%
14	3.924	3.909	3.934	VV	258	2441	0.03%	0.001%
15	3.952	3.934	4.014	VV	366	8248	0.09%	0.005%
16	4.053	4.014	4.095	PV	452	13058	0.14%	0.007%
17	4.108	4.095	4.119	VV	213	1974	0.02%	0.001%
18	4.144	4.119	4.158	VV	275	3962	0.04%	0.002%
19	4.191	4.158	4.207	VV	266	5887	0.06%	0.003%
20	4.217	4.207	4.277	VV	333	8452	0.09%	0.005%
21	4.290	4.277	4.328	VV	210	4096	0.04%	0.002%
22	4.345	4.328	4.371	VV	127	2180	0.02%	0.001%
23	4.375	4.371	4.391	VV	198	1385	0.01%	0.001%
24	4.405	4.391	4.418	VV	118	1658	0.02%	0.001%
25	4.451	4.418	4.473	VV	411654	3591070	38.85%	2.005%
26	4.495	4.473	4.540	VV	464790	4119761	44.57%	2.301%
27	4.557	4.540	4.581	VV	4613	53827	0.58%	0.030%
28	4.603	4.581	4.693	VV	7177	87039	0.94%	0.049%
29	4.704	4.693	4.788	VV	312	10783	0.12%	0.006%
30	4.803	4.788	4.819	VV	157	2480	0.03%	0.001%
31	4.828	4.819	4.851	VV	144	1905	0.02%	0.001%
32	4.865	4.851	4.877	VV	118	1266	0.01%	0.001%
33	4.887	4.877	4.915	VV	147	2153	0.02%	0.001%
34	4.924	4.915	4.953	VV	126	1459	0.02%	0.001%
35	4.974	4.953	5.000	VV	101	2045	0.02%	0.001%
36	5.040	5.000	5.068	VV	223	4675	0.05%	0.003%

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37	5.082	5.068	5.098	VV	181	2456	0.03%	0.001%
38	5.107	5.098	5.158	VV	160	4545	0.05%	0.003%
39	5.208	5.158	5.245	VV	240	5833	0.06%	0.003%
40	5.309	5.245	5.368	VV	357	11033	0.12%	0.006%
41	5.387	5.368	5.409	VV	167	2309	0.02%	0.001%
42	5.452	5.409	5.460	PV	163	2998	0.03%	0.002%
43	5.488	5.460	5.510	VV	1330	15697	0.17%	0.009%
44	5.528	5.510	5.587	VV	532	13512	0.15%	0.008%
45	5.599	5.587	5.636	VV	259	6138	0.07%	0.003%
46	5.649	5.636	5.696	VV	343	5596	0.06%	0.003%
47	5.725	5.696	5.773	VV	206	6894	0.07%	0.004%
48	5.785	5.773	5.814	VV	228	3677	0.04%	0.002%
49	5.835	5.814	5.891	VV	332	7869	0.09%	0.004%
50	5.900	5.891	5.958	VV	181	4592	0.05%	0.003%
51	5.965	5.958	5.977	VV	162	1686	0.02%	0.001%
52	5.991	5.977	5.999	VV	177	1762	0.02%	0.001%
53	6.045	5.999	6.173	VV	484821	4726987	51.13%	2.640%
54	6.189	6.173	6.258	VV	789	21087	0.23%	0.012%
55	6.321	6.258	6.365	VV	457	18975	0.21%	0.011%
56	6.380	6.365	6.418	VV	314	7673	0.08%	0.004%
57	6.431	6.418	6.440	VV	264	2758	0.03%	0.002%
58	6.473	6.440	6.534	VV	425140	4143993	44.83%	2.314%
59	6.550	6.534	6.601	VV	878	20087	0.22%	0.011%
60	6.621	6.601	6.656	VV	479	10395	0.11%	0.006%
61	6.677	6.656	6.708	VV	447	8820	0.10%	0.005%
62	6.724	6.708	6.781	VV	526	12287	0.13%	0.007%
63	6.795	6.781	6.848	VV	250	6071	0.07%	0.003%
64	6.896	6.848	6.928	VV	339	8732	0.09%	0.005%
65	6.957	6.928	6.986	VV	3559	52767	0.57%	0.029%
66	7.009	6.986	7.059	VV	12072	133844	1.45%	0.075%
67	7.103	7.059	7.219	VV	448908	4535948	49.07%	2.533%
68	7.239	7.219	7.273	VV	1562	30596	0.33%	0.017%
69	7.295	7.273	7.354	VV	2387	55453	0.60%	0.031%
70	7.370	7.354	7.383	VV	1199	14909	0.16%	0.008%
71	7.397	7.383	7.424	VV	1357	17972	0.19%	0.010%
72	7.460	7.424	7.480	VV	705	14404	0.16%	0.008%
73	7.491	7.480	7.514	VV	491	6474	0.07%	0.004%
74	7.524	7.514	7.547	VV	249	4050	0.04%	0.002%
75	7.575	7.547	7.592	VV	748	10267	0.11%	0.006%
76	7.621	7.592	7.671	VV	386	11604	0.13%	0.006%
77	7.815	7.793	7.844	VV	1028	26978	0.29%	0.015%
78	7.852	7.844	7.912	VV	873	21557	0.23%	0.012%
79	7.925	7.912	7.948	VV	383	6560	0.07%	0.004%
80	7.965	7.948	7.996	VV	520	10995	0.12%	0.006%
81	8.021	7.996	8.058	VV	630	12027	0.13%	0.007%
82	8.090	8.058	8.108	VV	281	6410	0.07%	0.004%
83	8.119	8.108	8.128	VV	240	2494	0.03%	0.001%
84	8.134	8.128	8.148	VV	311	3074	0.03%	0.002%
85	8.172	8.148	8.215	VV	404	10303	0.11%	0.006%
86	8.273	8.215	8.351	VV	456961	4646579	50.26%	2.595%
87	8.389	8.351	8.534	VV	529670	5340270	57.77%	2.982%
88	8.546	8.534	8.553	VV	290	2997	0.03%	0.002%
89	8.686	8.653	8.848	VV	524216	5389719	58.30%	3.010%

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90	8.860	8.848	8.895	VV	399	9349	0.10%	0.005%
91	8.905	8.895	8.940	VV	379	7690	0.08%	0.004%
92	8.964	8.940	9.058	VV	745	29091	0.31%	0.016%
93	9.092	9.058	9.121	VV	1073	16675	0.18%	0.009%
94	9.149	9.121	9.180	VV	333	8706	0.09%	0.005%
95	9.195	9.180	9.234	VV	307	5203	0.06%	0.003%
96	9.244	9.234	9.253	VV	156	1394	0.02%	0.001%
97	9.282	9.253	9.303	VV	180	4023	0.04%	0.002%
98	9.328	9.303	9.353	VV	219	4030	0.04%	0.002%
99	9.368	9.353	9.410	VV	176	3044	0.03%	0.002%
100	9.471	9.410	9.638	PV	506291	5534880	59.87%	3.091%
101	9.683	9.638	9.720	VV	7291	103716	1.12%	0.058%
102	9.746	9.720	9.836	VV	28408	366822	3.97%	0.205%
103	9.874	9.836	9.908	VV	444192	4968558	53.75%	2.775%
104	9.918	9.908	9.958	VV	807	17742	0.19%	0.010%
105	9.978	9.958	10.074	VV	485	16794	0.18%	0.009%
106	10.098	10.074	10.138	VV	1062	14728	0.16%	0.008%
107	10.156	10.138	10.194	VV	364	6303	0.07%	0.004%
108	10.219	10.194	10.247	VV	3343	40257	0.44%	0.022%
109	10.259	10.247	10.284	VV	304	4664	0.05%	0.003%
110	10.318	10.284	10.335	VV	357	6315	0.07%	0.004%
111	10.347	10.335	10.377	VV	234	3628	0.04%	0.002%
112	10.397	10.377	10.437	PV	217	4956	0.05%	0.003%
113	10.445	10.437	10.453	VV	119	864	0.01%	0.000%
114	10.498	10.453	10.507	VV	205	4040	0.04%	0.002%
115	10.530	10.507	10.554	VV	311	5678	0.06%	0.003%
116	10.567	10.554	10.578	VV	247	2642	0.03%	0.001%
117	10.611	10.578	10.651	VV	535	10618	0.11%	0.006%
118	10.679	10.651	10.751	VV	3923	56670	0.61%	0.032%
119	10.762	10.751	10.798	VV	160	2498	0.03%	0.001%
120	10.877	10.798	10.919	VV	480421	5307206	57.41%	2.964%
121	10.953	10.919	11.098	VV	485837	5325705	57.61%	2.974%
122	11.119	11.098	11.150	VV	2869	40073	0.43%	0.022%
123	11.175	11.150	11.222	VV	2515	45257	0.49%	0.025%
124	11.246	11.222	11.274	VV	739	13901	0.15%	0.008%
125	11.319	11.274	11.379	VV	437971	5008876	54.18%	2.797%
126	11.404	11.379	11.444	VV	595	13342	0.14%	0.007%
127	11.478	11.444	11.496	VV	422	7223	0.08%	0.004%
128	11.510	11.496	11.589	VV	246	7819	0.08%	0.004%
129	11.641	11.589	11.701	VV	453455	4978406	53.85%	2.780%
130	11.735	11.701	11.756	VV	744	20102	0.22%	0.011%
131	11.779	11.756	11.816	VV	948	25004	0.27%	0.014%
132	11.830	11.816	11.845	VV	542	7372	0.08%	0.004%
133	11.859	11.845	11.893	VV	514	8232	0.09%	0.005%
134	11.928	11.893	11.938	VV	229	3432	0.04%	0.002%
135	11.984	11.938	12.024	VV	395	11686	0.13%	0.007%
136	12.045	12.024	12.068	VV	466	7619	0.08%	0.004%
137	12.078	12.068	12.104	VV	508	6430	0.07%	0.004%
138	12.113	12.104	12.188	VV	202	3849	0.04%	0.002%
139	12.195	12.188	12.220	VV	202	2172	0.02%	0.001%
140	12.238	12.220	12.301	VV	4174	67181	0.73%	0.038%
141	12.344	12.301	12.406	VV	1292	44383	0.48%	0.025%

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142	12.451	12.406	12.518	VV	1158	27610	0.30%	0.015%
143	12.537	12.518	12.547	VV	384	4380	0.05%	0.002%
144	12.573	12.547	12.594	VV	625	12077	0.13%	0.007%
145	12.629	12.594	12.663	VV	429757	4944058	53.48%	2.761%
146	12.700	12.663	12.818	VV	448408	5110263	55.28%	2.854%
147	12.835	12.818	12.857	VV	839	11970	0.13%	0.007%
148	12.882	12.857	12.921	VV	5258	63811	0.69%	0.036%
149	12.942	12.921	12.959	VV	357	5259	0.06%	0.003%
150	12.999	12.959	13.035	VV	432109	5000442	54.09%	2.792%
151	13.076	13.035	13.156	VV	335379	4117566	44.54%	2.299%
152	13.181	13.156	13.208	VV	534	12147	0.13%	0.007%
153	13.242	13.208	13.318	VV	407870	4838880	52.34%	2.702%
154	13.331	13.318	13.351	VV	287	4110	0.04%	0.002%
155	13.459	13.384	13.541	PV	547	18640	0.20%	0.010%
156	13.588	13.541	13.607	VV	884	18169	0.20%	0.010%
157	13.616	13.607	13.641	VV	607	8405	0.09%	0.005%
158	13.667	13.641	13.685	VV	969	16449	0.18%	0.009%
159	13.694	13.685	13.716	VV	636	7999	0.09%	0.004%
160	13.738	13.716	13.754	VV	571	9142	0.10%	0.005%
161	13.777	13.754	13.791	VV	953	13049	0.14%	0.007%
162	13.829	13.791	13.897	VV	386565	4740652	51.28%	2.647%
163	13.907	13.897	13.930	VV	490	6816	0.07%	0.004%
164	13.954	13.930	13.981	VV	1066	15612	0.17%	0.009%
165	14.009	13.981	14.124	VV	683	19222	0.21%	0.011%
166	14.135	14.124	14.144	VV	116	964	0.01%	0.001%
167	14.221	14.144	14.241	VV	665	16330	0.18%	0.009%
168	14.265	14.241	14.312	VV	988	20665	0.22%	0.012%
169	14.330	14.312	14.364	VV	455	9506	0.10%	0.005%
170	14.389	14.364	14.441	VV	948	20502	0.22%	0.011%
171	14.456	14.441	14.474	VV	338	4992	0.05%	0.003%
172	14.504	14.474	14.542	VV	524	13918	0.15%	0.008%
173	14.565	14.542	14.602	VV	940	15975	0.17%	0.009%
174	14.623	14.602	14.662	VV	506	12353	0.13%	0.007%
175	14.678	14.662	14.718	VV	209	5098	0.06%	0.003%
176	14.784	14.718	14.807	VV	481	14749	0.16%	0.008%
177	14.832	14.807	14.841	PV	606	7168	0.08%	0.004%
178	14.882	14.841	14.901	VV	369472	4604804	49.81%	2.571%
179	14.928	14.901	15.020	VV	675485	9244384	100.00%	5.162%
180	15.039	15.020	15.090	VV	1090	28508	0.31%	0.016%
181	15.107	15.090	15.168	VV	548	15782	0.17%	0.009%
182	15.228	15.168	15.271	VV	722	18949	0.20%	0.011%
183	15.312	15.271	15.394	VV	11284	210296	2.27%	0.117%
184	15.408	15.394	15.421	VV	351	4834	0.05%	0.003%
185	15.451	15.421	15.494	VV	2003	33761	0.37%	0.019%
186	15.528	15.494	15.538	VV	640	10718	0.12%	0.006%
187	15.553	15.538	15.578	VV	897	13763	0.15%	0.008%
188	15.590	15.578	15.619	VV	460	6646	0.07%	0.004%
189	15.640	15.619	15.668	VV	435	6217	0.07%	0.003%
190	15.715	15.668	15.774	VV	520	17059	0.18%	0.010%
191	15.785	15.774	15.807	VV	193	3513	0.04%	0.002%
192	15.829	15.807	15.860	VV	481	7842	0.08%	0.004%
193	15.957	15.860	16.002	VV	332738	4318743	46.72%	2.412%
194	16.017	16.002	16.071	VV	179	4090	0.04%	0.002%

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195	16.077	16.071	16.121	VV	117	1730	0.02%	0.001%
196	16.156	16.121	16.207	PV	820	13643	0.15%	0.008%
197	16.264	16.207	16.278	PV	237	6763	0.07%	0.004%
198	16.292	16.278	16.301	VV	193	2245	0.02%	0.001%
199	16.332	16.301	16.376	VV	1035	23620	0.26%	0.013%
200	16.442	16.376	16.458	VV	313123	4491408	48.59%	2.508%
201	16.477	16.458	16.542	VV	383948	4498027	48.66%	2.512%
202	16.570	16.542	16.663	VV	10469	165182	1.79%	0.092%
203	16.692	16.663	16.716	VV	2178	32195	0.35%	0.018%
204	16.760	16.716	16.782	VV	2548	50716	0.55%	0.028%
205	16.826	16.782	16.866	VV	342057	4330526	46.84%	2.418%
206	16.906	16.866	17.010	VV	329764	4230451	45.76%	2.362%
207	17.061	17.010	17.112	VV	386	15034	0.16%	0.008%
208	17.123	17.112	17.148	VV	180	2775	0.03%	0.002%
209	17.193	17.148	17.257	PV	519	19557	0.21%	0.011%
210	17.278	17.257	17.300	VV	484	9171	0.10%	0.005%
211	17.354	17.300	17.391	VV	7565	114564	1.24%	0.064%
212	17.440	17.391	17.457	PV	440	7592	0.08%	0.004%
213	17.481	17.457	17.498	VV	373	5611	0.06%	0.003%
214	17.520	17.498	17.568	VV	323	6107	0.07%	0.003%
215	17.584	17.568	17.619	PV	147	2167	0.02%	0.001%
216	17.685	17.619	17.718	PV	791	15094	0.16%	0.008%
217	17.796	17.718	17.858	PV	279556	3982573	43.08%	2.224%
218	17.883	17.858	17.942	VV	811	14699	0.16%	0.008%
219	17.989	17.942	18.018	PV	366	8209	0.09%	0.005%
220	18.062	18.018	18.081	VV	272	5094	0.06%	0.003%
221	18.200	18.081	18.216	PV	298272	4307847	46.60%	2.406%
222	18.236	18.216	18.344	VV	311483	4233618	45.80%	2.364%
223	18.356	18.344	18.409	VV	1232	31030	0.34%	0.017%
224	18.458	18.409	18.554	VV	295772	4238701	45.85%	2.367%
225	18.627	18.554	18.693	VV	283210	3887166	42.05%	2.171%
226	18.726	18.693	18.758	VV	729	16409	0.18%	0.009%
227	18.785	18.758	18.815	VV	278	5991	0.06%	0.003%
228	18.885	18.815	18.907	PV	667	10872	0.12%	0.006%
229	18.937	18.907	18.958	VV	517	10786	0.12%	0.006%
230	18.984	18.958	18.995	VV	2511	38172	0.41%	0.021%
231	19.022	18.995	19.078	VV	11371	188298	2.04%	0.105%
232	19.119	19.078	19.175	VV	609	24049	0.26%	0.013%
233	19.222	19.175	19.241	VV	757	18098	0.20%	0.010%
234	19.270	19.241	19.297	VV	1150	23047	0.25%	0.013%
235	19.319	19.297	19.348	VV	988	18767	0.20%	0.010%
236	19.412	19.348	19.496	VV	260431	3838758	41.53%	2.144%
237	19.516	19.496	19.546	VV	1496	38896	0.42%	0.022%
238	19.619	19.546	19.628	VV	1633	65982	0.71%	0.037%
239	19.648	19.628	19.666	VV	1922	39607	0.43%	0.022%
240	19.694	19.666	19.729	VV	2580	73779	0.80%	0.041%
241	19.783	19.729	19.814	VV	9286	206500	2.23%	0.115%
242	19.843	19.814	19.865	VV	2262	63904	0.69%	0.036%
243	20.012	19.865	20.041	VV	3995	300638	3.25%	0.168%
244	20.060	20.041	20.082	VV	3863	89582	0.97%	0.050%
245	20.152	20.082	20.241	VV	240219	3817071	41.29%	2.132%
246	20.292	20.241	20.301	VV	6274	178082	1.93%	0.099%

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247	20.312	20.301	20.351	VV	6296	161773	1.75%	0.090%
248	20.385	20.351	20.395	VV	5173	132715	1.44%	0.074%
249	20.420	20.395	20.448	VV	5375	160499	1.74%	0.090%
250	20.508	20.448	20.568	VV	9025	423527	4.58%	0.237%
251	20.592	20.568	20.611	VV	4925	126340	1.37%	0.071%
252	20.685	20.611	20.736	VV	5004	362627	3.92%	0.203%
253	20.759	20.736	20.787	VV	4745	139867	1.51%	0.078%
254	20.808	20.787	20.850	VV	4552	168597	1.82%	0.094%
255	20.909	20.850	20.994	VV	181093	3723848	40.28%	2.079%
256	21.012	20.994	21.044	VV	4117	122095	1.32%	0.068%
257	21.110	21.044	21.132	VV	3999	208580	2.26%	0.116%
258	21.157	21.132	21.191	VV	3855	132316	1.43%	0.074%
259	21.246	21.191	21.310	VV	3723	255009	2.76%	0.142%
260	21.353	21.310	21.419	VV	4858	248071	2.68%	0.139%
261	21.429	21.419	21.434	VV	3159	27925	0.30%	0.016%
262	21.443	21.434	21.454	VV	3131	36778	0.40%	0.021%
263	21.469	21.454	21.481	VV	3137	50100	0.54%	0.028%
264	21.507	21.481	21.518	VV	2973	65382	0.71%	0.037%
265	21.557	21.518	21.604	VV	2864	142643	1.54%	0.080%
266	21.615	21.604	21.637	VV	2629	51420	0.56%	0.029%
267	21.673	21.637	21.697	VV	2622	89116	0.96%	0.050%
268	21.720	21.697	21.764	VV	2374	93486	1.01%	0.052%
269	21.861	21.764	21.979	VV	139718	3521330	38.09%	1.966%
270	21.990	21.979	22.024	VV	1487	37197	0.40%	0.021%
271	22.071	22.024	22.128	VV	1714	86201	0.93%	0.048%
272	22.138	22.128	22.188	VV	992	30616	0.33%	0.017%
273	22.204	22.188	22.267	VV	737	26340	0.28%	0.015%
274	22.278	22.267	22.291	VV	490	5664	0.06%	0.003%
275	22.296	22.291	22.348	VV	397	7027	0.08%	0.004%
276	22.360	22.348	22.374	VV	159	1287	0.01%	0.001%
Sum of corrected areas:					179074367			

Aliphatic EPH 100725.M Wed Oct 29 08:14:17 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
 Data File : FC070066.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2025 17:20
 Operator : YP/AJ
 Sample : Q3469-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-13MSD

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Oct 29 07:48:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.641	5084075	28.952 ug/ml
Spiked Amount 50.000		Recovery =	57.90%
12) S 1-chlorooctadecane (S...	13.075	4213167	31.038 ug/ml
Spiked Amount 50.000		Recovery =	62.08%
Target Compounds			
1) T n-Nonane (C9)	3.378	3242709	23.615 ug/ml
2) T n-Decane (C10)	4.451	3732234	25.961 ug/ml
3) T A~Naphthalene (C11.7)	6.045	4824004	29.849 ug/ml
4) T n-Dodecane (C12)	6.473	4287539	27.973 ug/ml
5) T A~2-methylnaphthalene...	7.104	4620728	28.961 ug/ml
6) T n-Tetradecane (C14)	8.273	4788295	30.107 ug/ml
7) T n-Hexadecane (C16)	9.874	5107307	30.307 ug/ml
8) T n-Octadecane (C18)	11.319	5125206	30.125 ug/ml
10) T n-Eicosane (C20)	12.630	5069086	31.596 ug/ml
11) T n-Heneicosane (C21)	13.242	4936650	31.793 ug/ml
13) T n-Docosane (C22)	13.829	4831521	31.395 ug/ml
14) T n-Tetracosane (C24)	14.928	9358370	61.718 ug/ml
15) T n-Hexacosane (C26)	15.957	4404523	30.431 ug/ml
16) T n-Octacosane (C28)	16.906	4218447	30.501 ug/ml
17) T n-Tricontane (C30)	17.796	4071402	29.820 ug/ml
18) T n-Dotriacontane (C32)	18.628	3919298	30.398 ug/ml
19) T n-Tetratriacontane (C34)	19.413	3880168	34.007 ug/ml
20) T n-Hexatriacontane (C36)	20.153	3468003	35.859 ug/ml
21) T n-Octatriacontane (C38)	20.910	3413736	39.167 ug/ml
22) T n-Tetracontane (C40)	21.861	3323968	40.456 ug/ml

(f)=RT Delta > 1/2 Window

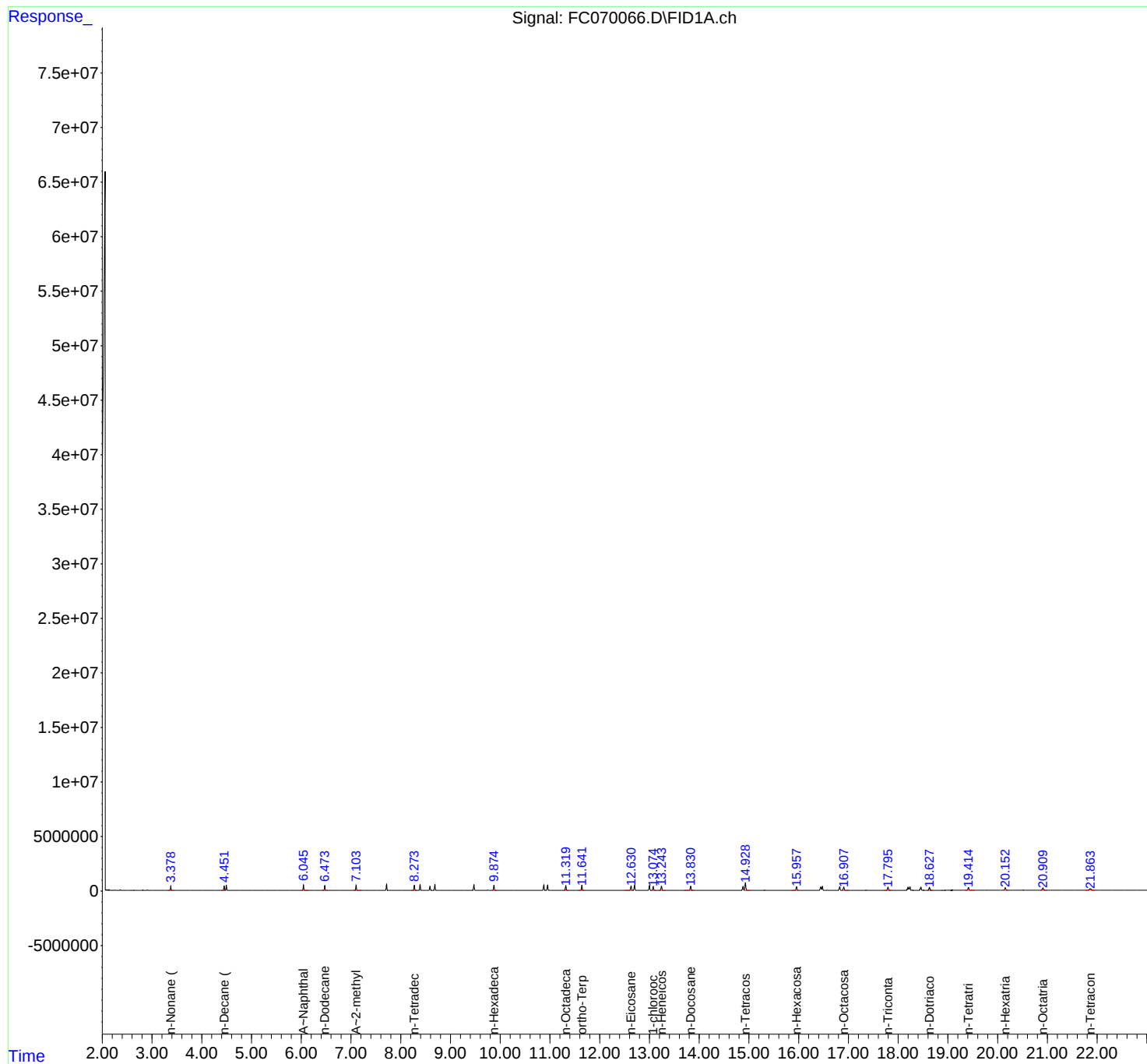
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
Data File : FC070066.D
Signal(s) : FID1A.ch
Acq On : 28 Oct 2025 17:20
Operator : YP/AJ
Sample : Q3469-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
TP-13MSD

Integration File: autoint1.e
Quant Time: Oct 29 07:48:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
 Data File : FC070066.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2025 17:20
 Sample : Q3469-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.265	3.204	3.321	BV	751	15777	0.17%	0.009%
2	3.333	3.321	3.347	VV	134	908	0.01%	0.000%
3	3.378	3.347	3.473	PV	387635	3261944	34.72%	1.780%
4	3.504	3.473	3.519	VV	378	8403	0.09%	0.005%
5	3.530	3.519	3.545	VV	459	4764	0.05%	0.003%
6	3.558	3.545	3.569	VV	226	2790	0.03%	0.002%
7	3.581	3.569	3.608	VV	269	3647	0.04%	0.002%
8	3.620	3.608	3.633	VV	227	2443	0.03%	0.001%
9	3.657	3.633	3.667	VV	261	4620	0.05%	0.003%
10	3.688	3.667	3.720	VV	693	13319	0.14%	0.007%
11	3.734	3.720	3.748	VV	775	8508	0.09%	0.005%
12	3.768	3.748	3.837	VV	7777	72853	0.78%	0.040%
13	3.865	3.837	3.911	VV	6033	59381	0.63%	0.032%
14	3.926	3.911	3.935	VV	337	3612	0.04%	0.002%
15	3.951	3.935	4.004	VV	500	11929	0.13%	0.007%
16	4.052	4.004	4.071	VV	546	11420	0.12%	0.006%
17	4.076	4.071	4.121	VV	418	6740	0.07%	0.004%
18	4.144	4.121	4.162	VV	377	5428	0.06%	0.003%
19	4.229	4.162	4.248	VV	404	13743	0.15%	0.008%
20	4.258	4.248	4.268	VV	291	3103	0.03%	0.002%
21	4.290	4.268	4.333	VV	285	6879	0.07%	0.004%
22	4.368	4.333	4.388	PV	219	5651	0.06%	0.003%
23	4.393	4.388	4.420	VV	206	3282	0.03%	0.002%
24	4.451	4.420	4.473	VV	416550	3739138	39.80%	2.041%
25	4.495	4.473	4.540	VV	479417	4265137	45.40%	2.328%
26	4.556	4.540	4.580	VV	4816	55316	0.59%	0.030%
27	4.603	4.580	4.658	VV	7336	84732	0.90%	0.046%
28	4.668	4.658	4.724	VV	429	12052	0.13%	0.007%
29	4.734	4.724	4.775	VV	294	6631	0.07%	0.004%
30	4.784	4.775	4.860	VV	257	7946	0.08%	0.004%
31	4.870	4.860	4.894	VV	121	2233	0.02%	0.001%
32	4.906	4.894	4.964	VV	156	4074	0.04%	0.002%
33	4.971	4.964	5.034	VV	123	3896	0.04%	0.002%
34	5.042	5.034	5.059	VV	163	2009	0.02%	0.001%
35	5.107	5.059	5.119	PV	191	4310	0.05%	0.002%
36	5.129	5.119	5.174	VV	177	3245	0.03%	0.002%

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37	5.182	5.174	5.188	VV	124	741	0.01%	0.000%
38	5.196	5.188	5.243	VV	138	2486	0.03%	0.001%
39	5.259	5.243	5.268	VV	112	1124	0.01%	0.001%
40	5.278	5.268	5.288	VV	100	969	0.01%	0.001%
41	5.312	5.288	5.361	VV	327	6660	0.07%	0.004%
42	5.391	5.361	5.403	VV	109	2027	0.02%	0.001%
43	5.488	5.403	5.511	VV	1433	17259	0.18%	0.009%
44	5.527	5.511	5.564	VV	549	10112	0.11%	0.006%
45	5.603	5.564	5.634	VV	227	6765	0.07%	0.004%
46	5.647	5.634	5.706	VV	172	3992	0.04%	0.002%
47	5.741	5.706	5.774	VV	159	4057	0.04%	0.002%
48	5.788	5.774	5.813	VV	252	3002	0.03%	0.002%
49	5.835	5.813	5.891	VV	258	6125	0.07%	0.003%
50	5.899	5.891	5.911	VV	171	1246	0.01%	0.001%
51	5.923	5.911	5.971	VV	185	3772	0.04%	0.002%
52	5.991	5.971	6.014	VV	168	2587	0.03%	0.001%
53	6.045	6.014	6.171	VV	515090	4863739	51.77%	2.654%
54	6.189	6.171	6.254	VV	719	21974	0.23%	0.012%
55	6.264	6.254	6.305	VV	328	7747	0.08%	0.004%
56	6.321	6.305	6.388	VV	500	14945	0.16%	0.008%
57	6.411	6.388	6.438	VV	323	7526	0.08%	0.004%
58	6.473	6.438	6.533	VV	451235	4308019	45.85%	2.351%
59	6.549	6.533	6.604	VV	897	20549	0.22%	0.011%
60	6.621	6.604	6.664	VV	426	10513	0.11%	0.006%
61	6.677	6.664	6.703	VV	535	7935	0.08%	0.004%
62	6.723	6.703	6.744	VV	549	8536	0.09%	0.005%
63	6.762	6.744	6.785	VV	322	5889	0.06%	0.003%
64	6.793	6.785	6.849	VV	234	6400	0.07%	0.003%
65	6.893	6.849	6.934	VV	311	11098	0.12%	0.006%
66	6.957	6.934	6.986	VV	3750	55385	0.59%	0.030%
67	7.009	6.986	7.063	VV	12599	140487	1.50%	0.077%
68	7.104	7.063	7.219	VV	469323	4663174	49.63%	2.545%
69	7.239	7.219	7.273	VV	1673	31760	0.34%	0.017%
70	7.294	7.273	7.347	VV	2539	56173	0.60%	0.031%
71	7.369	7.347	7.382	VV	1215	16605	0.18%	0.009%
72	7.398	7.382	7.426	VV	1402	19147	0.20%	0.010%
73	7.462	7.426	7.480	VV	705	14855	0.16%	0.008%
74	7.490	7.480	7.513	VV	518	7030	0.07%	0.004%
75	7.525	7.513	7.552	VV	272	4998	0.05%	0.003%
76	7.576	7.552	7.601	VV	776	12030	0.13%	0.007%
77	7.614	7.601	7.664	VV	357	10545	0.11%	0.006%
78	7.817	7.791	7.844	VV	1016	29478	0.31%	0.016%
79	7.851	7.844	7.924	VV	922	25766	0.27%	0.014%
80	7.965	7.946	7.992	VV	569	11521	0.12%	0.006%
81	8.021	7.992	8.102	VV	623	21476	0.23%	0.012%
82	8.131	8.102	8.148	VV	278	6148	0.07%	0.003%
83	8.172	8.148	8.201	VV	393	9541	0.10%	0.005%
84	8.273	8.201	8.336	VV	474827	4811149	51.21%	2.626%
85	8.348	8.336	8.354	VV	473	4363	0.05%	0.002%
86	8.389	8.354	8.553	VV	531467	5467224	58.19%	2.984%
87	8.687	8.653	8.863	VV	548368	5513313	58.68%	3.009%
88	8.904	8.863	8.936	VV	404	13719	0.15%	0.007%
89	8.963	8.936	8.984	VV	750	14505	0.15%	0.008%

					rterres			
90	8.992	8.984	9.067	VV	568	16088	0.17%	0.009%
91	9.093	9.067	9.126	VV	1108	17898	0.19%	0.010%
92	9.150	9.126	9.185	VV	382	9827	0.10%	0.005%
93	9.195	9.185	9.261	VV	341	8857	0.09%	0.005%
94	9.280	9.261	9.317	VV	257	5301	0.06%	0.003%
95	9.338	9.317	9.358	VV	275	3683	0.04%	0.002%
96	9.375	9.358	9.418	PV	132	3001	0.03%	0.002%
97	9.472	9.418	9.584	VV	527956	5623264	59.85%	3.069%
98	9.588	9.584	9.611	VV	491	7105	0.08%	0.004%
99	9.620	9.611	9.640	VV	449	7272	0.08%	0.004%
100	9.683	9.640	9.721	VV	7412	106204	1.13%	0.058%
101	9.747	9.721	9.838	VV	29502	378711	4.03%	0.207%
102	9.874	9.838	9.909	VV	472259	5114102	54.43%	2.791%
103	9.918	9.909	9.958	VV	855	16518	0.18%	0.009%
104	9.974	9.958	10.078	VV	521	18479	0.20%	0.010%
105	10.098	10.078	10.132	VV	1234	15013	0.16%	0.008%
106	10.159	10.132	10.191	VV	440	6970	0.07%	0.004%
107	10.219	10.191	10.245	VV	3544	41180	0.44%	0.022%
108	10.263	10.245	10.277	VV	351	5002	0.05%	0.003%
109	10.286	10.277	10.299	VV	217	2360	0.03%	0.001%
110	10.318	10.299	10.342	VV	348	5465	0.06%	0.003%
111	10.358	10.342	10.380	VV	194	3062	0.03%	0.002%
112	10.395	10.380	10.454	PV	229	5183	0.06%	0.003%
113	10.469	10.454	10.481	VV	432	3043	0.03%	0.002%
114	10.487	10.481	10.510	VV	233	3881	0.04%	0.002%
115	10.532	10.510	10.557	VV	352	7046	0.07%	0.004%
116	10.569	10.557	10.593	VV	299	5028	0.05%	0.003%
117	10.611	10.593	10.645	VV	444	7784	0.08%	0.004%
118	10.679	10.645	10.761	VV	3946	59433	0.63%	0.032%
119	10.770	10.761	10.782	VV	138	1146	0.01%	0.001%
120	10.792	10.782	10.799	VV	93	714	0.01%	0.000%
121	10.877	10.799	10.918	VV	490998	5387166	57.34%	2.940%
122	10.953	10.918	11.092	VV	490767	5403180	57.51%	2.949%
123	11.119	11.092	11.154	VV	3024	42237	0.45%	0.023%
124	11.176	11.154	11.228	VV	2554	45868	0.49%	0.025%
125	11.246	11.228	11.271	VV	728	12773	0.14%	0.007%
126	11.319	11.271	11.381	VV	448512	5142620	54.74%	2.807%
127	11.402	11.381	11.458	VV	640	16151	0.17%	0.009%
128	11.480	11.458	11.495	VV	474	6290	0.07%	0.003%
129	11.512	11.495	11.544	VV	298	5325	0.06%	0.003%
130	11.574	11.544	11.585	VV	180	2872	0.03%	0.002%
131	11.641	11.585	11.698	VV	468702	5109563	54.38%	2.789%
132	11.712	11.698	11.725	VV	809	11131	0.12%	0.006%
133	11.736	11.725	11.756	VV	813	11438	0.12%	0.006%
134	11.797	11.756	11.818	VV	1141	30216	0.32%	0.016%
135	11.829	11.818	11.844	VV	624	7839	0.08%	0.004%
136	11.861	11.844	11.896	VV	610	10130	0.11%	0.006%
137	11.919	11.896	11.942	VV	210	4131	0.04%	0.002%
138	11.981	11.942	12.024	VV	506	13900	0.15%	0.008%
139	12.048	12.024	12.064	VV	494	8616	0.09%	0.005%
140	12.079	12.064	12.129	VV	679	9628	0.10%	0.005%
141	12.160	12.129	12.188	PV	228	3920	0.04%	0.002%

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142	12.203	12.188	12.214	VV	176	2082	0.02%	0.001%
143	12.238	12.214	12.300	VV	4092	67361	0.72%	0.037%
144	12.344	12.300	12.408	VV	1330	46195	0.49%	0.025%
145	12.452	12.408	12.505	VV	1223	27982	0.30%	0.015%
146	12.533	12.505	12.546	VV	390	6209	0.07%	0.003%
147	12.574	12.546	12.591	VV	674	13826	0.15%	0.008%
148	12.630	12.591	12.663	VV	416001	5067330	53.93%	2.766%
149	12.700	12.663	12.814	VV	470496	5180055	55.13%	2.827%
150	12.835	12.814	12.858	VV	851	13331	0.14%	0.007%
151	12.882	12.858	12.920	VV	5320	65503	0.70%	0.036%
152	12.940	12.920	12.959	VV	386	6640	0.07%	0.004%
153	13.000	12.959	13.038	VV	447938	5066253	53.92%	2.765%
154	13.075	13.038	13.148	VV	351833	4233763	45.06%	2.311%
155	13.181	13.148	13.204	VV	555	12702	0.14%	0.007%
156	13.242	13.204	13.321	VV	390053	4954140	52.73%	2.704%
157	13.336	13.321	13.375	VV	255	5765	0.06%	0.003%
158	13.419	13.375	13.431	VV	209	5272	0.06%	0.003%
159	13.455	13.431	13.501	VV	539	11588	0.12%	0.006%
160	13.588	13.501	13.606	VV	961	19110	0.20%	0.010%
161	13.618	13.606	13.637	VV	616	7940	0.08%	0.004%
162	13.668	13.637	13.686	VV	1020	17574	0.19%	0.010%
163	13.695	13.686	13.721	VV	580	8636	0.09%	0.005%
164	13.740	13.721	13.758	VV	569	8712	0.09%	0.005%
165	13.777	13.758	13.791	VV	821	11858	0.13%	0.006%
166	13.829	13.791	13.895	VV	390753	4848383	51.60%	2.646%
167	13.907	13.895	13.932	VV	555	8625	0.09%	0.005%
168	13.955	13.932	13.987	VV	1070	16148	0.17%	0.009%
169	14.009	13.987	14.121	VV	658	18552	0.20%	0.010%
170	14.125	14.121	14.141	VV	112	919	0.01%	0.001%
171	14.151	14.141	14.159	VV	107	795	0.01%	0.000%
172	14.223	14.159	14.244	PV	785	15118	0.16%	0.008%
173	14.264	14.244	14.314	VV	971	19356	0.21%	0.011%
174	14.331	14.314	14.361	VV	524	9153	0.10%	0.005%
175	14.391	14.361	14.440	VV	1026	20888	0.22%	0.011%
176	14.455	14.440	14.478	VV	337	5697	0.06%	0.003%
177	14.501	14.478	14.541	VV	555	13565	0.14%	0.007%
178	14.565	14.541	14.601	VV	855	15888	0.17%	0.009%
179	14.624	14.601	14.661	VV	475	12350	0.13%	0.007%
180	14.672	14.661	14.707	VV	199	4741	0.05%	0.003%
181	14.780	14.707	14.806	VV	419	14588	0.16%	0.008%
182	14.833	14.806	14.841	VV	581	7189	0.08%	0.004%
183	14.881	14.841	14.901	VV	360860	4658970	49.59%	2.543%
184	14.928	14.901	15.021	VV	685650	9395479	100.00%	5.128%
185	15.040	15.021	15.088	VV	1021	27050	0.29%	0.015%
186	15.107	15.088	15.165	VV	597	15921	0.17%	0.009%
187	15.230	15.165	15.271	VV	704	18908	0.20%	0.010%
188	15.312	15.271	15.391	VV	11810	215905	2.30%	0.118%
189	15.408	15.391	15.428	VV	331	5835	0.06%	0.003%
190	15.451	15.428	15.491	VV	1874	32585	0.35%	0.018%
191	15.512	15.491	15.536	VV	543	9479	0.10%	0.005%
192	15.553	15.536	15.578	VV	971	14143	0.15%	0.008%
193	15.587	15.578	15.613	VV	478	6729	0.07%	0.004%
194	15.641	15.613	15.667	VV	499	7397	0.08%	0.004%

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195	15.714	15.667	15.764	VV	547	16235	0.17%	0.009%
196	15.782	15.764	15.801	VV	215	3832	0.04%	0.002%
197	15.830	15.801	15.861	VV	519	9220	0.10%	0.005%
198	15.957	15.861	16.034	VV	332940	4414985	46.99%	2.410%
199	16.046	16.034	16.064	VV	190	2593	0.03%	0.001%
200	16.079	16.064	16.106	VV	135	2219	0.02%	0.001%
201	16.156	16.106	16.211	PV	773	14876	0.16%	0.008%
202	16.229	16.211	16.238	PV	222	2334	0.02%	0.001%
203	16.262	16.238	16.280	VV	308	5654	0.06%	0.003%
204	16.332	16.280	16.369	VV	1144	27049	0.29%	0.015%
205	16.442	16.369	16.459	VV	321043	4528270	48.20%	2.471%
206	16.477	16.459	16.544	VV	383618	4555800	48.49%	2.486%
207	16.570	16.544	16.662	VV	10466	169598	1.81%	0.093%
208	16.692	16.662	16.718	VV	2120	33412	0.36%	0.018%
209	16.759	16.718	16.783	VV	2577	49537	0.53%	0.027%
210	16.825	16.783	16.867	VV	335061	4375296	46.57%	2.388%
211	16.906	16.867	17.015	VV	310639	4322323	46.00%	2.359%
212	17.072	17.015	17.105	VV	372	13904	0.15%	0.008%
213	17.114	17.105	17.150	VV	138	3224	0.03%	0.002%
214	17.189	17.150	17.224	VV	540	14034	0.15%	0.008%
215	17.243	17.224	17.253	VV	308	4661	0.05%	0.003%
216	17.279	17.253	17.299	VV	561	11165	0.12%	0.006%
217	17.354	17.299	17.391	VV	8609	130677	1.39%	0.071%
218	17.439	17.391	17.464	VV	373	9349	0.10%	0.005%
219	17.482	17.464	17.498	VV	338	4849	0.05%	0.003%
220	17.522	17.498	17.563	VV	350	5556	0.06%	0.003%
221	17.578	17.563	17.591	PV	170	2001	0.02%	0.001%
222	17.685	17.591	17.710	VV	913	18375	0.20%	0.010%
223	17.796	17.710	17.861	VV	292381	4080233	43.43%	2.227%
224	17.884	17.861	17.934	VV	873	16863	0.18%	0.009%
225	17.995	17.934	18.041	VV	407	13972	0.15%	0.008%
226	18.063	18.041	18.081	VV	315	4769	0.05%	0.003%
227	18.101	18.081	18.113	PV	494	7263	0.08%	0.004%
228	18.200	18.113	18.216	VV	298994	4375345	46.57%	2.388%
229	18.237	18.216	18.379	VV	319380	4387886	46.70%	2.395%
230	18.387	18.379	18.411	VV	764	12731	0.14%	0.007%
231	18.457	18.411	18.553	VV	299417	4274364	45.49%	2.333%
232	18.628	18.553	18.695	VV	275464	3989656	42.46%	2.177%
233	18.728	18.695	18.755	VV	870	18333	0.20%	0.010%
234	18.785	18.755	18.817	VV	338	7949	0.08%	0.004%
235	18.883	18.817	18.907	PV	817	15246	0.16%	0.008%
236	18.938	18.907	18.954	VV	597	12181	0.13%	0.007%
237	18.987	18.954	18.997	VV	2635	41970	0.45%	0.023%
238	19.022	18.997	19.077	VV	13228	220181	2.34%	0.120%
239	19.106	19.077	19.154	VV	637	21554	0.23%	0.012%
240	19.225	19.154	19.243	VV	841	26785	0.29%	0.015%
241	19.272	19.243	19.298	VV	1328	27561	0.29%	0.015%
242	19.318	19.298	19.352	VV	1028	22796	0.24%	0.012%
243	19.413	19.352	19.499	VV	254128	3929797	41.83%	2.145%
244	19.519	19.499	19.546	VV	1651	38964	0.41%	0.021%
245	19.652	19.546	19.665	VV	2058	115822	1.23%	0.063%
246	19.696	19.665	19.725	VV	2700	78856	0.84%	0.043%

rteres								
247	19.785	19.725	19.818	VV	11136	243378	2.59%	0.133%
248	19.844	19.818	19.861	VV	2346	56797	0.60%	0.031%
249	20.013	19.861	20.041	VV	4263	318793	3.39%	0.174%
250	20.061	20.041	20.088	VV	4025	103698	1.10%	0.057%
251	20.153	20.088	20.238	VV	241397	3862980	41.12%	2.108%
252	20.314	20.238	20.334	VV	7363	331756	3.53%	0.181%
253	20.378	20.334	20.456	VV	8135	472792	5.03%	0.258%
254	20.466	20.456	20.471	VV	4992	44684	0.48%	0.024%
255	20.510	20.471	20.567	VV	9748	363745	3.87%	0.199%
256	20.588	20.567	20.640	VV	4942	210235	2.24%	0.115%
257	20.691	20.640	20.726	VV	5084	250120	2.66%	0.137%
258	20.756	20.726	20.788	VV	4783	171294	1.82%	0.093%
259	20.811	20.788	20.851	VV	4629	168266	1.79%	0.092%
260	20.910	20.851	21.000	VV	198879	3778083	40.21%	2.062%
261	21.010	21.000	21.034	VV	4105	84118	0.90%	0.046%
262	21.079	21.034	21.103	VV	4042	162647	1.73%	0.089%
263	21.114	21.103	21.157	VV	3923	121477	1.29%	0.066%
264	21.186	21.157	21.205	VV	3692	104746	1.11%	0.057%
265	21.235	21.205	21.300	VV	3750	203275	2.16%	0.111%
266	21.353	21.300	21.423	VV	5069	273410	2.91%	0.149%
267	21.434	21.423	21.447	VV	3099	43773	0.47%	0.024%
268	21.473	21.447	21.524	VV	3073	133504	1.42%	0.073%
269	21.532	21.524	21.544	VV	2770	33996	0.36%	0.019%
270	21.585	21.544	21.636	VV	2722	141771	1.51%	0.077%
271	21.664	21.636	21.721	VV	2484	118891	1.27%	0.065%
272	21.861	21.721	22.001	VV	129902	3619575	38.52%	1.975%
273	22.076	22.001	22.242	VV	1783	154854	1.65%	0.085%
274	22.250	22.242	22.328	VV	524	18561	0.20%	0.010%
275	22.338	22.328	22.349	VV	202	1904	0.02%	0.001%
276	22.354	22.349	22.374	VV	124	972	0.01%	0.001%
Sum of corrected areas:						183230043		

Aliphatic EPH 100725.M Wed Oct 29 08:14:48 2025

Manual Integration Report

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

Manual Integration Report

Sequence:

FC102825AL

Instrument

FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC070069.D	n-Dotriacontane (C32)	yogesh	10/29/2025 8:59:43 AM	Sohil	10/29/2025 4:08:32	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC070069.D	n-Tetratriacontane (C34)	yogesh	10/29/2025 8:59:43 AM	Sohil	10/29/2025 4:08:32	Peak Integrated by Software



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

Manual Integration Report

Sequence:

FE101725AL

Instrument

FID_e

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	FE102825AL	Instrument	FID_e
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FE056532.D	n-Dotriacontane (C32)	yogesh	10/29/2025 8:33:32 AM	Sohil	10/29/2025 4:07:42	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056532.D	n-Octacosane (C28)	yogesh	10/29/2025 8:33:32 AM	Sohil	10/29/2025 4:07:42	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056532.D	n-Octatriacontane (C38)	yogesh	10/29/2025 8:33:32 AM	Sohil	10/29/2025 4:07:42	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056532.D	n-Tetracontane (C40)	yogesh	10/29/2025 8:33:32 AM	Sohil	10/29/2025 4:07:42	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056535.D	n-Dotriacontane (C32)	yogesh	10/29/2025 8:33:34 AM	Sohil	10/29/2025 4:07:44	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056535.D	n-Octacosane (C28)	yogesh	10/29/2025 8:33:34 AM	Sohil	10/29/2025 4:07:44	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056535.D	n-Octatriacontane (C38)	yogesh	10/29/2025 8:33:34 AM	Sohil	10/29/2025 4:07:44	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056535.D	n-Tetracontane (C40)	yogesh	10/29/2025 8:33:34 AM	Sohil	10/29/2025 4:07:44	Peak Integrated by Software
Q3452-02	FE056537.D	ortho-Terphenyl (SURR)	yogesh	10/29/2025 8:33:35 AM	Sohil	10/29/2025 4:07:45	Peak Integrated by Software
Q3465-01	FE056538.D	ortho-Terphenyl (SURR)	yogesh	10/29/2025 8:33:37 AM	Sohil	10/29/2025 4:07:47	Peak Integrated by Software
Q3465-02	FE056539.D	ortho-Terphenyl (SURR)	yogesh	10/29/2025 8:33:38 AM	Sohil	10/29/2025 4:07:49	Peak Integrated by Software
Q3472-12	FE056547.D	ortho-Terphenyl (SURR)	yogesh	10/29/2025 8:33:40 AM	Sohil	10/29/2025 4:07:51	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056550.D	n-Dotriacontane (C32)	yogesh	10/29/2025 8:33:42 AM	Sohil	10/29/2025 4:07:53	Peak Integrated by Software

Manual Integration Report

Sequence:

FE102825AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FE056550.D	n-Octacosane (C28)	yogesh	10/29/2025 8:33:42 AM	Sohil	10/29/2025 4:07:53	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056550.D	n-Octatriacontane (C38)	yogesh	10/29/2025 8:33:42 AM	Sohil	10/29/2025 4:07:53	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056550.D	n-Tetracontane (C40)	yogesh	10/29/2025 8:33:42 AM	Sohil	10/29/2025 4:07:53	Peak Integrated by Software

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC100725AL

Review By	yogesh	Review On	10/7/2025 10:33:30 AM
Supervise By	mohammad	Supervise On	10/8/2025 3:35:18 AM
SubDirectory	FC100725AL	HP Acquire Method	HP Processing Method FC100725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

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

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102825AL

Review By	yogesh	Review On	10/28/2025 11:27:07 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:08:37 PM
SubDirectory	FC102825AL	HP Acquire Method	HP Processing Method FC100725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC070057.D	28 Oct 2025 08:33	YP/AJ	Ok
2	I.BLK	FC070058.D	28 Oct 2025 11:20	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC070059.D	28 Oct 2025 11:59	YP/AJ	Ok
4	PB170266BL	FC070060.D	28 Oct 2025 13:19	YP/AJ	Ok
5	PB170266BS	FC070061.D	28 Oct 2025 13:58	YP/AJ	Ok
6	PB170266BSD	FC070062.D	28 Oct 2025 14:38	YP/AJ	Ok
7	Q3469-01	FC070063.D	28 Oct 2025 15:18	YP/AJ	Ok
8	Q3469-01D	FC070064.D	28 Oct 2025 15:59	YP/AJ	Ok
9	Q3469-01MS	FC070065.D	28 Oct 2025 16:39	YP/AJ	Ok
10	Q3469-01MSD	FC070066.D	28 Oct 2025 17:20	YP/AJ	Ok
11	Q3469-02	FC070067.D	28 Oct 2025 18:01	YP/AJ	Ok
12	I.BLK	FC070068.D	28 Oct 2025 19:22	YP/AJ	Ok
13	20 PPM ALIPHATIC HC STD	FC070069.D	28 Oct 2025 20:03	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE101725AL

Review By	yogesh	Review On	10/16/2025 2:50:14 PM
Supervise By	Sohil	Supervise On	10/17/2025 1:12:44 PM
SubDirectory	FE101725AL	HP Acquire Method	HP Processing Method FE101725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE056349.D	16 Oct 2025 16:29	YP\AJ	Ok
2	I.BLK	FE056350.D	16 Oct 2025 16:59	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE056351.D	16 Oct 2025 17:30	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE056352.D	16 Oct 2025 18:00	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE056353.D	16 Oct 2025 18:30	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE056354.D	16 Oct 2025 19:00	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE056355.D	16 Oct 2025 19:31	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE056356.D	16 Oct 2025 20:01	YP\AJ	Ok
9	I.BLK	FE056357.D	16 Oct 2025 21:01	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE056358.D	16 Oct 2025 21:32	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE102825AL

Review By	yogesh	Review On	10/28/2025 10:23:15 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:08:02 PM
SubDirectory	FE102825AL	HP Acquire Method	HP Processing Method FE101725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE056530.D	28 Oct 2025 08:07	YP\AJ	Ok
2	I.BLK	FE056531.D	28 Oct 2025 08:37	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE056532.D	28 Oct 2025 09:08	YP\AJ	Ok,M
4	PP25012	FE056533.D	28 Oct 2025 09:45	YP\AJ	Ok
5	I.BLK	FE056534.D	28 Oct 2025 11:49	YP\AJ	Ok
6	20 PPM ALIPHATIC HC STD	FE056535.D	28 Oct 2025 12:49	YP\AJ	Ok,M
7	Q3452-01	FE056536.D	28 Oct 2025 13:24	YP\AJ	Ok
8	Q3452-02	FE056537.D	28 Oct 2025 13:54	YP\AJ	Ok,M
9	Q3465-01	FE056538.D	28 Oct 2025 14:24	YP\AJ	Ok,M
10	Q3465-02	FE056539.D	28 Oct 2025 14:54	YP\AJ	Ok,M
11	Q3466-02	FE056540.D	28 Oct 2025 15:24	YP\AJ	Ok
12	Q3466-05	FE056541.D	28 Oct 2025 15:55	YP\AJ	ReRun
13	Q3466-07	FE056542.D	28 Oct 2025 16:25	YP\AJ	Ok
14	Q3472-04DL	FE056543.D	28 Oct 2025 16:55	YP\AJ	Ok
15	Q3472-06	FE056544.D	28 Oct 2025 17:25	YP\AJ	Dilution
16	Q3472-08	FE056545.D	28 Oct 2025 17:55	YP\AJ	Dilution
17	Q3472-10	FE056546.D	28 Oct 2025 18:26	YP\AJ	Dilution
18	Q3472-12	FE056547.D	28 Oct 2025 18:56	YP\AJ	Dilution
19	Q3472-14	FE056548.D	28 Oct 2025 19:26	YP\AJ	Dilution
20	I.BLK	FE056549.D	28 Oct 2025 20:57	YP\AJ	Ok
21	20 PPM ALIPHATIC HC STD	FE056550.D	28 Oct 2025 21:27	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC100725AL

Review By	yogesh	Review On	10/7/2025 10:33:30 AM
Supervise By	mohammad	Supervise On	10/8/2025 3:35:18 AM
SubDirectory	FC100725AL	HP Acquire Method	HP Processing Method FC100725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102825AL

Review By	yogesh	Review On	10/28/2025 11:27:07 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:08:37 PM
SubDirectory	FC102825AL	HP Acquire Method	HP Processing Method FC100725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC070057.D	28 Oct 2025 08:33		YP/AJ	Ok
2	I.BLK	I.BLK	FC070058.D	28 Oct 2025 11:20		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC070059.D	28 Oct 2025 11:59		YP/AJ	Ok
4	PB170266BL	PB170266BL	FC070060.D	28 Oct 2025 13:19		YP/AJ	Ok
5	PB170266BS	PB170266BS	FC070061.D	28 Oct 2025 13:58		YP/AJ	Ok
6	PB170266BSD	PB170266BSD	FC070062.D	28 Oct 2025 14:38		YP/AJ	Ok
7	Q3469-01	TP-13	FC070063.D	28 Oct 2025 15:18		YP/AJ	Ok
8	Q3469-01D	Q3469-01D	FC070064.D	28 Oct 2025 15:59		YP/AJ	Ok
9	Q3469-01MS	TP-13MS	FC070065.D	28 Oct 2025 16:39	FC070063.D	YP/AJ	Ok
10	Q3469-01MSD	TP-13MSD	FC070066.D	28 Oct 2025 17:20	FC070063.D!FC070065.D	YP/AJ	Ok
11	Q3469-02	TP-13-EPH	FC070067.D	28 Oct 2025 18:01		YP/AJ	Ok
12	I.BLK	I.BLK	FC070068.D	28 Oct 2025 19:22		YP/AJ	Ok
13	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC070069.D	28 Oct 2025 20:03		YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE101725AL

Review By	yogesh	Review On	10/16/2025 2:50:14 PM
Supervise By	Sohil	Supervise On	10/17/2025 1:12:44 PM
SubDirectory	FE101725AL	HP Acquire Method	HP Processing Method FE101725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE056349.D	16 Oct 2025 16:29		YP\AJ	Ok
2	I.BLK	I.BLK	FE056350.D	16 Oct 2025 16:59		YP\AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FE056351.D	16 Oct 2025 17:30		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE056352.D	16 Oct 2025 18:00		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056353.D	16 Oct 2025 18:30		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE056354.D	16 Oct 2025 19:00		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE056355.D	16 Oct 2025 19:31		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056356.D	16 Oct 2025 20:01		YP\AJ	Ok
9	I.BLK	I.BLK	FE056357.D	16 Oct 2025 21:01		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056358.D	16 Oct 2025 21:32		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE102825AL

Review By	yogesh	Review On	10/28/2025 10:23:15 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:08:02 PM
SubDirectory	FE102825AL	HP Acquire Method	HP Processing Method FE101725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE056530.D	28 Oct 2025 08:07		YP\AJ	Ok
2	I.BLK	I.BLK	FE056531.D	28 Oct 2025 08:37		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056532.D	28 Oct 2025 09:08		YP\AJ	Ok,M
4	PP25012	PP25012	FE056533.D	28 Oct 2025 09:45		YP\AJ	Ok
5	I.BLK	I.BLK	FE056534.D	28 Oct 2025 11:49		YP\AJ	Ok
6	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056535.D	28 Oct 2025 12:49		YP\AJ	Ok,M
7	Q3452-01	JB-1	FE056536.D	28 Oct 2025 13:24		YP\AJ	Ok
8	Q3452-02	JB-1-EPH	FE056537.D	28 Oct 2025 13:54		YP\AJ	Ok,M
9	Q3465-01	SU-03-10242025	FE056538.D	28 Oct 2025 14:24		YP\AJ	Ok,M
10	Q3465-02	SU-03-10242025-E2	FE056539.D	28 Oct 2025 14:54		YP\AJ	Ok,M
11	Q3466-02	B8-0.0-1.0-20251023	FE056540.D	28 Oct 2025 15:24		YP\AJ	Ok
12	Q3466-05	Q3466-05	FE056541.D	28 Oct 2025 15:55	Surrogate fail	YP\AJ	ReRun
13	Q3466-07	B7-1.0-2.0-20251023	FE056542.D	28 Oct 2025 16:25		YP\AJ	Ok
14	Q3472-04DL	COMP-1DL	FE056543.D	28 Oct 2025 16:55		YP\AJ	Ok
15	Q3472-06	COMP-2	FE056544.D	28 Oct 2025 17:25	Need Further 50X	YP\AJ	Dilution
16	Q3472-08	COMP-3	FE056545.D	28 Oct 2025 17:55	Need further 10X	YP\AJ	Dilution
17	Q3472-10	COMP-4	FE056546.D	28 Oct 2025 18:26	Need Further 50X	YP\AJ	Dilution
18	Q3472-12	COMP-5	FE056547.D	28 Oct 2025 18:56	Need Further 5X	YP\AJ	Dilution

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE102825AL

Review By	yogesh	Review On	10/28/2025 10:23:15 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:08:02 PM
SubDirectory	FE102825AL	HP Acquire Method	HP Processing Method FE101725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3472-14	155	FE056548.D	28 Oct 2025 19:26	Need Further 20X,50X	YP\AJ	Dilution
20	I.BLK	I.BLK	FE056549.D	28 Oct 2025 20:57		YP\AJ	Ok
21	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056550.D	28 Oct 2025 21:27		YP\AJ	Ok,M

M : Manual Integration

SOP ID: MNJDEP-EPH-8

Clean Up SOP #: N/A **Extraction Start Date :** 10/28/2025

Matrix : Solid **Extraction Start Time :** 09:05

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 10/28/2025

Balance check: EH **Filter By:** RJ **Extraction End Time :** 13:10

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

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

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP25005
Surrogate	1.0ML	100 PPM	PP24941
Fractionation Surrogate	1.0ML	100 PPM	PP24994
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Hexane	N/A	E3978
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

Q3472 all samples used Limited volume as samples are Oily Debris.

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

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/28/25	RSCEB lab	RUPESH / PUB Lab
13:15	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-8

Concentration Date: 10/28/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170266BL	PB170266BL	EPH_NF	30.01	N/A	ritesh	Evelyn	2			U1-1
PB170266BS	PB170266BS	EPH_NF	30.03	N/A	ritesh	Evelyn	2			2
PB170266BSD	PB170266BSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2			3
Q3452-01	JB-1	EPH_NF	30.04	N/A	ritesh	Evelyn	2	D		4
Q3452-02	JB-1-EPH	EPH_NF	30.08	N/A	ritesh	Evelyn	2			5
Q3465-01	SU-03-10242025	EPH_NF	30.07	N/A	ritesh	Evelyn	2	E		6
Q3465-02	SU-03-10242025-E2	EPH_NF	30.02	N/A	ritesh	Evelyn	2			U2-1
Q3466-02	B8-0.0-1.0-20251023	EPH_NF	30.05	N/A	ritesh	Evelyn	2	B		2
Q3466-05	B9-0.0-1.0-20251023	EPH_NF	30.01	N/A	ritesh	Evelyn	2	A		3
Q3466-07	B7-1.0-2.0-20251023	EPH_NF	30.06	N/A	ritesh	Evelyn	2	B		4
Q3469-01	TP-13	EPH_NF	30.09	N/A	ritesh	Evelyn	2	B		5
Q3469-01DUP	TP-13DUP	EPH_NF	30.06	N/A	ritesh	Evelyn	2	B		6
Q3469-01MS	TP-13MS	EPH_NF	30.03	N/A	ritesh	Evelyn	2	B		U3-1
Q3469-01MSD	TP-13MSD	EPH_NF	30.04	N/A	ritesh	Evelyn	2	B		2
Q3469-02	TP-13-EPH	EPH_NF	30.05	N/A	ritesh	Evelyn	2			3
Q3472-04	COMP-1	EPH_NF	5.02	N/A	ritesh	Evelyn	2	C	Oily Debris	4
Q3472-06	COMP-2	EPH_NF	5.06	N/A	ritesh	Evelyn	2	B	Oily Debris	5
Q3472-08	COMP-3	EPH_NF	5.07	N/A	ritesh	Evelyn	2	B	Oily Debris	6
Q3472-10	COMP-4	EPH_NF	5.05	N/A	ritesh	Evelyn	2	B	Oily Debris	U4-1
Q3472-12	COMP-5	EPH_NF	5.03	N/A	ritesh	Evelyn	2	B	Oily Debris	2
Q3472-14	155	EPH_NF	5.04	N/A	ritesh	Evelyn	2	B	Oily Debris	3

* Extracts relinquished on the same date as received.



WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3465 WorkList ID : 192724 Department : Extraction Date : 10-28-2025 08:33:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3452-01	JB-1	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	10/24/2025	NJEPH
Q3452-02	JB-1-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	10/24/2025	NJEPH
Q3465-01	SU-03-10242025	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	10/24/2025	NJEPH
Q3465-02	SU-03-10242025-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	10/24/2025	NJEPH
Q3466-02	B8-0.0-1.0-20251023	Solid	EPH_NF	Cool 4 deg C	HDR108	D41	10/23/2025	NJEPH
Q3466-05	B9-0.0-1.0-20251023	Solid	EPH_NF	Cool 4 deg C	HDR108	D41	10/23/2025	NJEPH
Q3466-07	B7-1.0-2.0-20251023	Solid	EPH_NF	Cool 4 deg C	HDR108	D41	10/23/2025	NJEPH
Q3469-01	TP-13	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/25/2025	NJEPH
Q3469-02	TP-13-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/25/2025	NJEPH
Q3472-04	COMP-1	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/27/2025	NJEPH
Q3472-06	COMP-2	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/27/2025	NJEPH
Q3472-08	COMP-3	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/27/2025	NJEPH
Q3472-10	COMP-4	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/27/2025	NJEPH
Q3472-12	COMP-5	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/27/2025	NJEPH
Q3472-14	155	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/27/2025	NJEPH

Date/Time 10/28/25 9:00
 Raw Sample Received by: RJ (Ext-646)
 Raw Sample Relinquished by: [Signature]

Date/Time 10/28/25 9:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: RJ (Ext-646)

LAB CHRONICLE

OrderID:	Q3466	OrderDate:	10/24/2025 3:18:10 PM
Client:	HDR, Inc.	Project:	PVWC Linear Construction
Contact:	Andrew Wadden	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3466-02	B8-0.0-1.0-20251023	SOIL			10/23/25			10/24/25
			PCB	8082A		10/28/25	10/28/25	
			Pesticide-TCL	8081B		10/28/25	10/28/25	
			EPH_NF	NJEPH		10/28/25	10/28/25	
Q3466-05	B9-0.0-1.0-20251023	SOIL			10/23/25			10/24/25
			PCB	8082A		10/28/25	10/28/25	
			Pesticide-TCL	8081B		10/28/25	10/28/25	
Q3466-07	B7-1.0-2.0-20251023	SOIL			10/23/25			10/24/25
			PCB	8082A		10/28/25	10/28/25	
			Pesticide-TCL	8081B		10/28/25	10/28/25	