SAMPLE DATA

Raw Data: FD069638.D

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

Report of Analysis

Client:	G Environmental			Date Collected:	07/31/25
Project:	Capra			Date Received:	07/31/25
Client Sample ID:	WC1			SDG No.:	Q2743
Lab Sample ID:	Q2743-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	78.3
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 14:10	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.60	J	1	0.18	1.27	mg/kg	FC069638.D
Aliphatic C12-C16	Aliphatic C12-C16	1.07		1	0.14	0.85	mg/kg	FC069638.D
Aliphatic C16-C21	Aliphatic C16-C21	1.61		1	0.17	1.27	mg/kg	FC069638.D
Aliphatic C21-C28	Aliphatic C21-C28	0.68	U	1	0.68	1.70	mg/kg	FC069638.D
Aliphatic C28-C40	Aliphatic C28-C40	3.90		1	1.50	2.55	mg/kg	FC069638.D
Aromatic C10-C12	Aromatic C10-C12	0.68	J	1	0.15	0.85	mg/kg	FD049619.D
Aromatic C12-C16	Aromatic C12-C16	0.70	J	1	0.29	1.27	mg/kg	FD049619.D
Aromatic C16-C21	Aromatic C16-C21	5.38		1	0.51	2.12	mg/kg	FD049619.D
Aromatic C21-C36	Aromatic C21-C36	7.14		1	1.52	3.40	mg/kg	FD049619.D
Total AliphaticEPH	Total AliphaticEPH	7.18	J		2.66	7.64	mg/kg	
Total AromaticEPH	Total AromaticEPH	13.9			2.48	7.64	mg/kg	
Total EPH	Total EPH	21.1			5.13	15.3	mg/kg	

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

Raw Data: FC069638.D

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Report of Analysis

Client:	G Environmental		Date Collected:	07/31/25	
Project:	Capra		Date Received:	07/31/25	
Client Sample ID:	WC1		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069638.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.60	J	0.18	1.27	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		1.07		0.14	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		1.61		0.17	1.27	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.68	U	0.68	1.70	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		3.90		1.50	2.55	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		42.1		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2743-01	Acq On:	12 Aug 2025 14:10
Client Sample ID:	WC1	Operator:	YP/AJ
Data file:	FC069638.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	1017034	7.03	300	ug/ml
Aliphatic C12-C16	6.595	9.998	1801482	12.56	200	ug/ml
Aliphatic C16-C21	9.999	13.367	2529251	18.937	300	ug/ml
Aliphatic C21-C28	13.368	17.032	869019	7.345	400	ug/ml
Aliphatic C28-C40	17.033	22.008	4382463	45.979	600	ug/ml
Aliphatic EPH	3.296	22.008	10599249	91.85		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.102	13.102	4593248	42.13		ug/ml
Aliphatic C9-C28	3.296	17.032	6216786	45.872	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	07/31/25
Project:	Capra			Date Received:	07/31/25
Client Sample ID:	WC1			SDG No.:	Q2743
Lab Sample ID:	Q2743-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	78.3
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049619.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.68	J	0.15	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.70	J	0.29	1.27	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.38		0.51	2.12	mg/kg
Aromatic C21-C36	Aromatic C21-C36	7.14		1.52	3.40	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.1		40 - 140	88%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	44.6		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.6		40 - 140	75%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2743-01	Acq On:	12 Aug 2025 14:10
Client Sample ID:	WC1	Operator:	YP/AJ
Data file:	FD049619.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	867557	8.037	200	ug/ml
Aromatic C12-C16	6.151	8.778	1016020	8.222	300	ug/ml
Aromatic C16-C21	8.779	13.070	8023852	63.436	500	ug/ml
Aromatic C21-C36	13.071	18.490	9474668	84.131	800	ug/ml
Aromatic EPH	4.406	18.490	19382097	163.826		ug/ml
2-Bromonaphthalene (SURR)	7.715	7.715	4521868	44.12		ug/ml
2-Flurobiphenyl (SURR)	8.580	8.580	3258700	44.61		ug/ml
ortho-Terphenyl (SURR)	11.627	11.627	4883384	37.62		ug/ml

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2743

Run Number: FC081225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB169209BL	86			0
PB169209BS	92			0
PB169209BSD	91			0
WC1	84			0
WC1MS	63			0
WC1MSD	63			0

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

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

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2743

Run Number: FD081225AR

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB169209BL	81	82	90	0
PB169209BS	119	117	96	0
PB169209BSD	117	115	95	0
WC1	88	89	75	0
WC1MS	100	101	67	0
WC1MSD	100	100	66	0

	QC LIMITS
2-Bromonaphthalene (SURR)	(40-140)
2-Flurobiphenyl (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

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

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SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : Q2743-01MS **Datafile:** FC069640.D **Client ID :** WC1MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	12.8	0.60	6.20	44		(40-140)
Aliphatic C12-C16	8.5	1.07	5.70	54		(40-140)
Aliphatic C16-C21	12.8	1.61	8.84	57		(40-140)
Aliphatic C21-C28	17.0	0	10.1	59		(40-140)
Aliphatic C28-C40	25.5	3.90	18.7	58		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	4.3	0.0000	1.6350	38	*	(40-140)
n-Decane (C10)	4.3	0.0000	1.9231	45		(40-140)
Naphthalene (C11.7)	4.3	0.0000	0.0265	1	*	(40-140)
n-Dodecane (C12)	4.3	0.0000	2.1223	49		(40-140)
2-methylnaphthalene (C12.89)	4.3	0.0000	0.0180	0	*	(40-140)
n-Tetradecane (C14)	4.3	0.0000	2.2727	53		(40-140)
n-Hexadecane (C16)	4.3	0.0000	2.3620	55		(40-140)
n-Octadecane (C18)	4.3	0.0000	2.3866	56		(40-140)
n-Eicosane (C20)	4.3	0.0000	2.5098	58		(40-140)
n-Heneicosane (C21)	4.3	0.0000	2.4805	58		(40-140)
n-Docosane (C22)	4.3	0.0000	2.4423	57		(40-140)
n-Tetracosane (C24)	8.5	0.0000	2.4365	29	*	(40-140)
n-Hexacosane (C26)	4.3	0.0000	2.4124	56		(40-140)
n-Octacosane (C28)	4.3	0.0000	2.3745	55		(40-140)
n-Tricontane (C30)	4.3	0.0000	2.2817	53		(40-140)
n-Dotriacontane (C32)	4.3	0.0000	2.3091	54		(40-140)
n-Tetratriacontane (C34)	4.3	0.0000	2.5127	58		(40-140)
n-Hexatriacontane (C36)	4.3	0.0000	2.8953	67		(40-140)
n-Octatriacontane (C38)	4.3	0.0000	3.2108	75		(40-140)
n-Tetracontane (C40)	4.3	0.0000	3.0409	71		(40-140)

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SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : Q2743-01MSD **Datafile:** FC069641.D **Client ID :** WC1MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	12.8	0.60	6.03	43		3.01 |	(40-140)	50
Aliphatic C12-C16	8.5	1.07	5.46	52		5.27 |	(40-140)	50
Aliphatic C16-C21	12.8	1.61	8.76	56		1.06 |	(40-140)	50
Aliphatic C21-C28	17.0	0	10.1	59		0 |	(40-140)	50
Aliphatic C28-C40	25.5	3.90	19.0	59		2.05 |	(40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	4.3	0.0000	1.6089	37	*	3.0 |	(40-140)	50
n-Decane (C10)	4.3	0.0000	1.8911	44		2.24 |	(40-140)	50
Naphthalene (C11.7)	4.3	0.0000	0.0219	1	*	0 |	(40-140)	50
n-Dodecane (C12)	4.3	0.0000	2.0896	49		0 |	(40-140)	50
2-methylnaphthalene (C12.89)	4.3	0.0000	0.0126	0	*	0 |	(40-140)	50
n-Tetradecane (C14)	4.3	0.0000	2.2369	52		2.0 |	(40-140)	50
n-Hexadecane (C16)	4.3	0.0000	2.3324	54		2.0 |	(40-140)	50
n-Octadecane (C18)	4.3	0.0000	2.3650	55		2.0 |	(40-140)	50
n-Eicosane (C20)	4.3	0.0000	2.4943	58		0 |	(40-140)	50
n-Heneicosane (C21)	4.3	0.0000	2.4508	57		2.0 |	(40-140)	50
n-Docosane (C22)	4.3	0.0000	2.4362	57		0 |	(40-140)	50
n-Tetracosane (C24)	8.5	0.0000	2.4366	29	*	0 |	(40-140)	50
n-Hexacosane (C26)	4.3	0.0000	2.4180	56		0 |	(40-140)	50
n-Octacosane (C28)	4.3	0.0000	2.3894	56		2.0 |	(40-140)	50
n-Tricontane (C30)	4.3	0.0000	2.2992	53		0 |	(40-140)	50
n-Dotriacontane (C32)	4.3	0.0000	2.3268	54		0 |	(40-140)	50
n-Tetratriacontane (C34)	4.3	0.0000	2.5499	59		2.0 |	(40-140)	50
n-Hexatriacontane (C36)	4.3	0.0000	2.9086	68		1.48 |	(40-140)	50
n-Octatriacontane (C38)	4.3	0.0000	3.1656	74		1.34 |	(40-140)	50
n-Tetracontane (C40)	4.3	0.0000	3.0678	71		0 |	(40-140)	50

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SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : Q2743-01MS **Datafile:** FD049621.D **Client ID :** WC1MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	8.5	0.68	6.46	68		(40-140)
Aromatic C12-C16	12.8	0.70	10.2	74		(40-140)
Aromatic C16-C21	21.3	5.38	23.1	83		(40-140)
Aromatic C21-C36	34.0	7.14	36.0	85		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
1,2,3-Trimethylbenzene (C10.1)	4.3	0.0000	3.0157	70		(40-140)
Naphthalene (C11.7)	4.3	0.0000	2.9137	68		(40-140)
2-Methylnaphthalene (C12.89)	4.3	0.0000	2.7553	64		(40-140)
Acenaphthylene (C15.06)	4.3	0.0000	3.1106	72		(40-140)
Acenaphthene (C15.5)	4.3	0.0000	3.1569	73		(40-140)
Flouorene (C16.55)	4.3	0.0000	3.3038	77		(40-140)
Phenanthrene (C19.36)	4.3	0.0000	3.5907	84		(40-140)
Anthracene (C19.43)	4.3	0.0000	3.5585	83		(40-140)
Pyrene (C20.8)	4.3	0.0000	3.8834	90		(40-140)
Fluoranthene (C21.85)	4.3	0.0000	3.8798	90		(40-140)
Benzo[a]anthracene (C26.37)	4.3	0.0000	3.8712	90		(40-140)
Chrysene (C27.41)	4.3	0.0000	8.0447	187	*	(40-140)
Bnezo[k]fluoranthene (C30.14)	4.3	0.0000	7.7890	181	*	(40-140)
Dibenz[a,h]anthracene (C30.36)	4.3	0.0000	7.1365	166	*	(40-140)
benzo[b]fluoranthene (C30.41)	4.3	0.0000	7.3311	170	*	(40-140)
Benzo[a]pyrene (C31.34)	4.3	0.0000	3.6789	86		(40-140)
Benzo[g,h,i]perylene (C34.01)	4.3	0.0000	3.2722	76		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	4.3	0.0000	7.5212	175	*	(40-140)

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SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : Q2743-01MSD **Datafile:** FD049622.D **Client ID :** WC1MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	8.5	0.68	6.43	68		0.44 |	(40-140)	50
Aromatic C12-C16	12.8	0.70	10.2	74		0 |	(40-140)	50
Aromatic C16-C21	21.3	5.38	23.0	83		0.48 |	(40-140)	50
Aromatic C21-C36	34.0	7.14	35.7	84		0.95 |	(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
1,2,3-Trimethylbenzene (C10.1)	4.3	0.0000	3.0138	70		0 |	(40-140)	50
Naphthalene (C11.7)	4.3	0.0000	2.9016	67		1.48 |	(40-140)	50
2-Methylnaphthalene (C12.89)	4.3	0.0000	2.7475	64		0 |	(40-140)	50
Acenaphthylene (C15.06)	4.3	0.0000	3.0949	72		0 |	(40-140)	50
Acenaphthene (C15.5)	4.3	0.0000	3.1427	73		0 |	(40-140)	50
Flouorene (C16.55)	4.3	0.0000	3.2834	76		1.30 |	(40-140)	50
Phenanthrene (C19.36)	4.3	0.0000	3.5605	83		1.19 |	(40-140)	50
Anthracene (C19.43)	4.3	0.0000	3.5344	82		1.21 |	(40-140)	50
Pyrene (C20.8)	4.3	0.0000	3.8459	89		1.11 |	(40-140)	50
Fluoranthene (C21.85)	4.3	0.0000	3.8453	89		1.11 |	(40-140)	50
Benzo[a]anthracene (C26.37)	4.3	0.0000	3.8547	90		0 |	(40-140)	50
Chrysene (C27.41)	4.3	0.0000	8.0045	186	*	0.53 |	(40-140)	50
Bnezo[k]fluoranthene (C30.14)	4.3	0.0000	7.7529	180	*	0.55 |	(40-140)	50
Dibenz[a,h]anthracene (C30.36)	4.3	0.0000	7.0943	165	*	0.60 |	(40-140)	50
benzo[b]fluoranthene (C30.41)	4.3	0.0000	7.2970	170	*	0 |	(40-140)	50
Benzo[a]pyrene (C31.34)	4.3	0.0000	3.6652	85		1.17 |	(40-140)	50
Benzo[g,h,i]perylene (C34.01)	4.3	0.0000	3.2484	76		0 |	(40-140)	50
Indeno[1,2,3-cd]pyrene (C35.01)	4.3	0.0000	7.4755	174	*	0.57 |	(40-140)	50

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : PB169209BS **Datafile:** FC069636.D **Client ID :** PB169209BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	10.0	5.96	60		(40-140)
Aliphatic C12-C16	6.7	5.49	82		(40-140)
Aliphatic C16-C21	10.0	9.28	93		(40-140)
Aliphatic C21-C28	13.3	12.8	96		(40-140)
Aliphatic C28-C40	20.0	21.0	105		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.53140	46		(40-140)
n-Decane (C10)	3.3	2.00253	61		(40-140)
Naphthalene (C11.7)	3.3	0.00000	0	*	(40-140)
n-Dodecane (C12)	3.3	2.41044	73		(40-140)
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	(40-140)
n-Tetradecane (C14)	3.3	2.71171	82		(40-140)
n-Hexadecane (C16)	3.3	2.77783	84		(40-140)
n-Octadecane (C18)	3.3	2.85799	87		(40-140)
n-Eicosane (C20)	3.3	3.24776	98		(40-140)
n-Heneicosane (C21)	3.3	3.19059	97		(40-140)
n-Docosane (C22)	3.3	3.21464	97		(40-140)
n-Tetracosane (C24)	6.7	3.21312	48		(40-140)
n-Hexacosane (C26)	3.3	3.20718	97		(40-140)
n-Octacosane (C28)	3.3	3.20936	97		(40-140)
n-Tricontane (C30)	3.3	3.15850	96		(40-140)
n-Dotriacontane (C32)	3.3	3.20737	97		(40-140)
n-Tetratriacontane (C34)	3.3	3.37880	102		(40-140)
n-Hexatriacontane (C36)	3.3	3.63363	110		(40-140)
n-Octatriacontane (C38)	3.3	3.89138	118		(40-140)
n-Tetracontane (C40)	3.3	4.03915	122		(40-140)

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : PB169209BSD **Datafile:** FC069637.D **Client ID :** PB169209BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	10	5.95	60		0.101|	(40-140)	25
Aliphatic C12-C16	6.7	5.45	82		0.725|	(40-140)	25
Aliphatic C16-C21	10	9.19	92		0.908|	(40-140)	25
Aliphatic C21-C28	13.3	12.7	95		0.718|	(40-140)	25
Aliphatic C28-C40	20.0	21.0	105		0.06|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	3.3	1.52839	46		0|	(40-140)	25
n-Decane (C10)	3.3	2.00000	61		0|	(40-140)	25
Naphthalene (C11.7)	3.3	0.00000	0	*	0|	(40-140)	25
n-Dodecane (C12)	3.3	2.40656	73		0|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	0|	(40-140)	25
n-Tetradecane (C14)	3.3	2.69817	82		0|	(40-140)	25
n-Hexadecane (C16)	3.3	2.75572	84		0|	(40-140)	25
n-Octadecane (C18)	3.3	2.83204	86		1.16|	(40-140)	25
n-Eicosane (C20)	3.3	3.21604	97		1.03|	(40-140)	25
n-Heneicosane (C21)	3.3	3.16017	96		1.04|	(40-140)	25
n-Docosane (C22)	3.3	3.18314	96		1.04|	(40-140)	25
n-Tetracosane (C24)	6.7	3.18435	48		0|	(40-140)	25
n-Hexacosane (C26)	3.3	3.18316	96		1.04|	(40-140)	25
n-Octacosane (C28)	3.3	3.18902	97		0|	(40-140)	25
n-Tricontane (C30)	3.3	3.15172	96		0|	(40-140)	25
n-Dotriacontane (C32)	3.3	3.20986	97		0|	(40-140)	25
n-Tetratriacontane (C34)	3.3	3.38009	102		0|	(40-140)	25
n-Hexatriacontane (C36)	3.3	3.62952	110		0|	(40-140)	25
n-Octatriacontane (C38)	3.3	3.87873	118		0|	(40-140)	25
n-Tetracontane (C40)	3.3	4.02933	122		0|	(40-140)	25

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : PB169209BS **Datafile:** FD049617.D **Client ID :** PB169209BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	6.7	5.29	79		(40-140)
Aromatic C12-C16	10.0	9.01	90		(40-140)
Aromatic C16-C21	16.7	16.6	100		(40-140)
Aromatic C21-C36	26.7	27.4	102		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
1,2,3-Trimethylbenzene (C10.1)	3.3	2.47922	75		(40-140)
Naphthalene (C11.7)	3.3	2.79451	85		(40-140)
2-Methylnaphthalene (C12.89)	3.3	2.71727	82		(40-140)
Acenaphthylene (C15.06)	3.3	3.11559	94		(40-140)
Acenaphthene (C15.5)	3.3	3.16555	96		(40-140)
Flouorene (C16.55)	3.3	3.35886	102		(40-140)
Phenanthrene (C19.36)	3.3	3.35557	102		(40-140)
Anthracene (C19.43)	3.3	3.04801	92		(40-140)
Fluoranthene (C21.85)	3.3	3.43439	104		(40-140)
Pyrene (C20.8)	3.3	3.39027	103		(40-140)
Benzo[a]anthracene (C26.37)	3.3	3.52827	107		(40-140)
Chrysene (C27.41)	3.3	3.78774	115		(40-140)
benzo[b]fluoranthene (C30.41)	3.3	3.50923	106		(40-140)
Bnezo[k]fluoranthene (C30.14)	3.3	3.63016	110		(40-140)
Benzo[a]pyrene (C31.34)	3.3	3.33167	101		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	3.3	3.68569	112		(40-140)
Dibenz[a,h]anthracene (C30.36)	3.3	3.27005	99		(40-140)
Benzo[g,h,i]perylene (C34.01)	3.3	3.14517	95		(40-140)

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : PB169209BSD **Datafile:** FD049618.D **Client ID :** PB169209BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	6.7	5.23	78		1.1|	(40-140)	25
Aromatic C12-C16	10	8.87	89		1.5|	(40-140)	25
Aromatic C16-C21	16.7	16.5	99		0.538|	(40-140)	25
Aromatic C21-C36	26.6	27.9	104		2.6|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
1,2,3-Trimethylbenzene (C10.1)	3.3	2.45824	74		1.34|	(40-140)	25
Naphthalene (C11.7)	3.3	2.75566	84		1.18|	(40-140)	25
2-Methylnaphthalene (C12.89)	3.3	2.66866	81		1.23|	(40-140)	25
Acenaphthylene (C15.06)	3.3	3.06965	93		1.07|	(40-140)	25
Acenaphthene (C15.5)	3.3	3.11342	94		2.11|	(40-140)	25
Flouorene (C16.55)	3.3	3.30898	100		1.98|	(40-140)	25
Phenanthrene (C19.36)	3.3	3.32468	101		0.99|	(40-140)	25
Anthracene (C19.43)	3.3	3.02615	92		0|	(40-140)	25
Fluoranthene (C21.85)	3.3	3.42702	104		0|	(40-140)	25
Pyrene (C20.8)	3.3	3.38892	103		0|	(40-140)	25
Benzo[a]anthracene (C26.37)	3.3	3.56867	108		0.93|	(40-140)	25
Chrysene (C27.41)	3.3	3.82226	116		0.87|	(40-140)	25
benzo[b]fluoranthene (C30.41)	3.3	3.55781	108		1.87|	(40-140)	25
Bnezo[k]fluoranthene (C30.14)	3.3	3.67477	111		0.9|	(40-140)	25
Benzo[a]pyrene (C31.34)	3.3	3.39440	103		1.96|	(40-140)	25
Indeno[1,2,3-cd]pyrene (C35.01)	3.3	3.77412	114		1.77|	(40-140)	25
Dibenz[a,h]anthracene (C30.36)	3.3	3.36386	102		2.99|	(40-140)	25
Benzo[g,h,i]perylene (C34.01)	3.3	3.21033	97		2.08|	(40-140)	25

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4B

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169209BL

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2743

Instrument ID: FID_C Lab Sample ID: PB169209BL

Matrix: (soil/water) Solid Date Extracted: 8/11/2025 12:00:00

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB169209BS	PB169209BS
PB169209BSD	PB169209BSD
WC1	Q2743-01
WC1MS	Q2743-01MS
WC1MSD	Q2743-01MSD

COMMENTS:

QC SAMPLE DATA

Raw Data: **FC069635.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	PB169209BL			SDG No.:	Q2743
Lab Sample ID:	PB169209BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 11:48	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	1	0.14	1.00	mg/kg	FC069635.D
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	1	0.11	0.67	mg/kg	FC069635.D
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	1	0.13	1.00	mg/kg	FC069635.D
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	1	0.53	1.33	mg/kg	FC069635.D
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC069635.D
Aromatic C10-C12	Aromatic C10-C12	0.12	U	1	0.12	0.67	mg/kg	FD049616.D
Aromatic C12-C16	Aromatic C12-C16	0.23	U	1	0.23	1.00	mg/kg	FD049616.D
Aromatic C16-C21	Aromatic C16-C21	0.40	U	1	0.40	1.67	mg/kg	FD049616.D
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1	1.19	2.66	mg/kg	FD049616.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	1.94	U		1.94	6.00	mg/kg	
Total EPH	Total EPH	4.03	U		4.03	12.0	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BL		SDG No.:	Q2743	
Lab Sample ID:	PB169209BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069635.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.14	U	0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.11	U	0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.13	U	0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.53	U	0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		1.18	U	1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		42.9		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169209BL	Acq On:	12 Aug 2025 11:48
Client Sample ID:	PB169209BL	Operator:	YP/AJ
Data file:	FC069635.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	3.296	6.594	0	0	300	ug/ml
Aliphatic C12-C16	6.595	9.998	0	0	200	ug/ml
Aliphatic C16-C21	9.999	13.367	0	0	300	ug/ml
Aliphatic C21-C28	13.368	17.032	0	0	400	ug/ml
Aliphatic C28-C40	17.033	22.008	0	0	600	ug/ml
Aliphatic EPH	3.296	22.008	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	4679875	42.93		ug/ml
Aliphatic C9-C28	3.296	17.032	0	0	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BL		SDG No.:	Q2743	
Lab Sample ID:	PB169209BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049616.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.12	U	0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.23	U	0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	0.40	U	0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	40.7		40 - 140	81%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	41.1		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.0		40 - 140	90%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169209BL	Acq On:	12 Aug 2025 11:48
Client Sample ID:	PB169209BL	Operator:	YP/AJ
Data file:	FD049616.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	0	0	200	ug/ml
Aromatic C12-C16	6.151	8.778	0	0	300	ug/ml
Aromatic C16-C21	8.779	13.070	0	0	500	ug/ml
Aromatic C21-C36	13.071	18.490	0	0	800	ug/ml
Aromatic EPH	4.406	18.490	0	0		ug/ml
ortho-Terphenyl (SURR)	11.628	11.628	5836993	44.97		ug/ml
2-Bromonaphthalene (SURR)	7.715	7.715	4171725	40.7		ug/ml
2-Flurobiphenyl (SURR)	8.580	8.580	3003131	41.11		ug/ml

Raw Data: **FC069636.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BS		SDG No.:	Q2743	
Lab Sample ID:	PB169209BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 12:34	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.96		1	0.14	1.00	mg/kg	FC069636.D
Aliphatic C12-C16	Aliphatic C12-C16	5.49		1	0.11	0.67	mg/kg	FC069636.D
Aliphatic C16-C21	Aliphatic C16-C21	9.28		1	0.13	1.00	mg/kg	FC069636.D
Aliphatic C21-C28	Aliphatic C21-C28	12.8		1	0.53	1.33	mg/kg	FC069636.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg	FC069636.D
Aromatic C10-C12	Aromatic C10-C12	5.29		1	0.12	0.67	mg/kg	FD049617.D
Aromatic C12-C16	Aromatic C12-C16	9.01		1	0.23	1.00	mg/kg	FD049617.D
Aromatic C16-C21	Aromatic C16-C21	16.6		1	0.40	1.67	mg/kg	FD049617.D
Aromatic C21-C36	Aromatic C21-C36	27.4		1	1.19	2.67	mg/kg	FD049617.D
Total AliphaticEPH	Total AliphaticEPH	54.5			2.09	6.00	mg/kg	
Total AromaticEPH	Total AromaticEPH	58.3			1.94	6.01	mg/kg	
Total EPH	Total EPH	113			4.03	12.0	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BS		SDG No.:	Q2743	
Lab Sample ID:	PB169209BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069636.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.96		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.49		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.28		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.8		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.8		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169209BS	Acq On:	12 Aug 2025 12:34
Client Sample ID:	PB169209BS	Operator:	YP/AJ
Data file:	FC069636.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	3.296	6.594	12929520	89.367	300	ug/ml
Aliphatic C12-C16	6.595	9.998	11815541	82.375	200	ug/ml
Aliphatic C16-C21	9.999	13.367	18589905	139.186	300	ug/ml
Aliphatic C21-C28	13.368	17.032	22802072	192.735	400	ug/ml
Aliphatic C28-C40	17.033	22.008	30031671	315.077	600	ug/ml
Aliphatic EPH	3.296	22.008	96168709	818.741		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	4990692	45.78		ug/ml
Aliphatic C9-C28	3.296	17.032	66137038	503.663	1200	ug/ml

Raw Data: **FD049617.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BS		SDG No.:	Q2743	
Lab Sample ID:	PB169209BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049617.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.29		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.01		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	16.6		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	27.4		1.19	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.6		40 - 140	119%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	58.3		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.1		40 - 140	96%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169209BS	Acq On:	12 Aug 2025 12:34
Client Sample ID:	PB169209BS	Operator:	YP/AJ
Data file:	FD049617.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	8573313	79.427	200	ug/ml
Aromatic C12-C16	6.151	8.778	16713161	135.241	300	ug/ml
Aromatic C16-C21	8.779	13.070	31575461	249.635	500	ug/ml
Aromatic C21-C36	13.071	18.490	46337440	411.456	800	ug/ml
Aromatic EPH	4.406	18.490	103199375	875.76		ug/ml
ortho-Terphenyl (SURR)	11.629	11.629	6244860	48.11		ug/ml
2-Bromonaphthalene (SURR)	7.716	7.716	6106769	59.59		ug/ml
2-Flurobiphenyl (SURR)	8.582	8.582	4259317	58.31		ug/ml

Raw Data: **FC069637.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BSD		SDG No.:	Q2743	
Lab Sample ID:	PB169209BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 13:21	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.95		1	0.14	1.00	mg/kg	FC069637.D
Aliphatic C12-C16	Aliphatic C12-C16	5.45		1	0.11	0.67	mg/kg	FC069637.D
Aliphatic C16-C21	Aliphatic C16-C21	9.19		1	0.13	1.00	mg/kg	FC069637.D
Aliphatic C21-C28	Aliphatic C21-C28	12.7		1	0.53	1.33	mg/kg	FC069637.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg	FC069637.D
Aromatic C10-C12	Aromatic C10-C12	5.23		1	0.12	0.67	mg/kg	FD049618.D
Aromatic C12-C16	Aromatic C12-C16	8.87		1	0.23	1.00	mg/kg	FD049618.D
Aromatic C16-C21	Aromatic C16-C21	16.5		1	0.40	1.67	mg/kg	FD049618.D
Aromatic C21-C36	Aromatic C21-C36	27.9		1	1.19	2.66	mg/kg	FD049618.D
Total AliphaticEPH	Total AliphaticEPH	54.3			2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	58.5			1.94	6.00	mg/kg	
Total EPH	Total EPH	113			4.03	12.0	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BSD		SDG No.:	Q2743	
Lab Sample ID:	PB169209BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069637.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.95		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.45		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.19		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.7		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.4		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169209BSD	Acq On:	12 Aug 2025 13:21
Client Sample ID:	PB169209BSD	Operator:	YP/AJ
Data file:	FC069637.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	3.296	6.594	12913366	89.255	300	ug/ml
Aliphatic C12-C16	6.595	9.998	11742647	81.867	200	ug/ml
Aliphatic C16-C21	9.999	13.367	18420047	137.915	300	ug/ml
Aliphatic C21-C28	13.368	17.032	22622609	191.218	400	ug/ml
Aliphatic C28-C40	17.033	22.008	30004304	314.79	600	ug/ml
Aliphatic EPH	3.296	22.008	95702973	815.046		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	4948752	45.39		ug/ml
Aliphatic C9-C28	3.296	17.032	65698669	500.255	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BSD		SDG No.:	Q2743	
Lab Sample ID:	PB169209BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049618.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.23		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.87		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	16.5		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	27.9		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	58.6		40 - 140	117%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	57.5		40 - 140	115%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.5		40 - 140	95%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169209BSD	Acq On:	12 Aug 2025 13:21
Client Sample ID:	PB169209BSD	Operator:	YP/AJ
Data file:	FD049618.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	8477428	78.539	200	ug/ml
Aromatic C12-C16	6.151	8.778	16446625	133.085	300	ug/ml
Aromatic C16-C21	8.779	13.070	31374113	248.043	500	ug/ml
Aromatic C21-C36	13.071	18.490	47182417	418.959	800	ug/ml
Aromatic EPH	4.406	18.490	103480583	878.626		ug/ml
2-Bromonaphthalene (SURR)	7.716	7.716	6002853	58.57		ug/ml
2-Flurobiphenyl (SURR)	8.582	8.582	4201948	57.52		ug/ml
ortho-Terphenyl (SURR)	11.628	11.628	6166738	47.51		ug/ml

Raw Data: **FC069640.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MS		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 15:46	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.20		1	0.18	1.28	mg/kg	FC069640.D
Aliphatic C12-C16	Aliphatic C12-C16	5.70		1	0.14	0.85	mg/kg	FC069640.D
Aliphatic C16-C21	Aliphatic C16-C21	8.84		1	0.17	1.28	mg/kg	FC069640.D
Aliphatic C21-C28	Aliphatic C21-C28	10.1		1	0.68	1.70	mg/kg	FC069640.D
Aliphatic C28-C40	Aliphatic C28-C40	18.7		1	1.51	2.55	mg/kg	FC069640.D
Aromatic C10-C12	Aromatic C10-C12	6.46		1	0.15	0.85	mg/kg	FD049621.D
Aromatic C12-C16	Aromatic C12-C16	10.2		1	0.29	1.28	mg/kg	FD049621.D
Aromatic C16-C21	Aromatic C16-C21	23.1		1	0.51	2.13	mg/kg	FD049621.D
Aromatic C21-C36	Aromatic C21-C36	36.0		1	1.52	3.40	mg/kg	FD049621.D
Total AliphaticEPH	Total AliphaticEPH	49.5			2.67	7.66	mg/kg	
Total AromaticEPH	Total AromaticEPH	75.8			2.48	7.66	mg/kg	
Total EPH	Total EPH	125			5.15	15.3	mg/kg	

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

Raw Data: **FC069640.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MS		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069640.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.20		0.18	1.28	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.70		0.14	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.84		0.17	1.28	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.1		0.68	1.70	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	18.7		1.51	2.55	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.3		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2743-01MS	Acq On:	12 Aug 2025 15:46
Client Sample ID:	WC1MS	Operator:	YP/AJ
Data file:	FC069640.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	3.296	6.594	10548228	72.908	300	ug/ml
Aliphatic C12-C16	6.595	9.998	9615400	67.037	200	ug/ml
Aliphatic C16-C21	9.999	13.367	13881751	103.935	300	ug/ml
Aliphatic C21-C28	13.368	17.032	14075898	118.977	400	ug/ml
Aliphatic C28-C40	17.033	22.008	20976020	220.07	600	ug/ml
Aliphatic EPH	3.296	22.008	69097297	582.927		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	3412448	31.3		ug/ml
Aliphatic C9-C28	3.296	17.032	48121277	362.857	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MS		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049621.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.46		0.15	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.2		0.29	1.28	mg/kg
Aromatic C16-C21	Aromatic C16-C21	23.1		0.51	2.13	mg/kg
Aromatic C21-C36	Aromatic C21-C36	36.0		1.52	3.40	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.0		40 - 140	100%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	50.3		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.5		40 - 140	67%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2743-01MS	Acq On:	12 Aug 2025 15:46
Client Sample ID:	WC1MS	Operator:	YP/AJ
Data file:	FD049621.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	8194653	75.919	200	ug/ml
Aromatic C12-C16	6.151	8.778	14804956	119.8	300	ug/ml
Aromatic C16-C21	8.779	13.070	34348756	271.561	500	ug/ml
Aromatic C21-C36	13.071	18.490	47654471	423.151	800	ug/ml
Aromatic EPH	4.406	18.490	105002836	890.431		ug/ml
2-Bromonaphthalene (SURR)	7.716	7.716	5128962	50.05		ug/ml
2-Flurobiphenyl (SURR)	8.581	8.581	3671237	50.26		ug/ml
ortho-Terphenyl (SURR)	11.627	11.627	4343758	33.47		ug/ml

Raw Data: **FC069641.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MSD		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 16:32	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.03		1	0.18	1.28	mg/kg	FC069641.D
Aliphatic C12-C16	Aliphatic C12-C16	5.46		1	0.14	0.85	mg/kg	FC069641.D
Aliphatic C16-C21	Aliphatic C16-C21	8.76		1	0.17	1.28	mg/kg	FC069641.D
Aliphatic C21-C28	Aliphatic C21-C28	10.1		1	0.68	1.70	mg/kg	FC069641.D
Aliphatic C28-C40	Aliphatic C28-C40	19.0		1	1.50	2.55	mg/kg	FC069641.D
Aromatic C10-C12	Aromatic C10-C12	6.43		1	0.15	0.85	mg/kg	FD049622.D
Aromatic C12-C16	Aromatic C12-C16	10.2		1	0.29	1.28	mg/kg	FD049622.D
Aromatic C16-C21	Aromatic C16-C21	23.0		1	0.51	2.13	mg/kg	FD049622.D
Aromatic C21-C36	Aromatic C21-C36	35.7		1	1.52	3.40	mg/kg	FD049622.D
Total AliphaticEPH	Total AliphaticEPH	49.4			2.66	7.66	mg/kg	
Total AromaticEPH	Total AromaticEPH	75.3			2.48	7.66	mg/kg	
Total EPH	Total EPH	125			5.14	15.3	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MSD		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.05 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069641.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.03		0.18	1.28	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.46		0.14	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.76		0.17	1.28	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.1		0.68	1.70	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.0		1.50	2.55	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2743-01MSD	Acq On:	12 Aug 2025 16:32
Client Sample ID:	WC1MSD	Operator:	YP/AJ
Data file:	FC069641.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	3.296	6.594	10261318	70.925	300	ug/ml
Aliphatic C12-C16	6.595	9.998	9215838	64.251	200	ug/ml
Aliphatic C16-C21	9.999	13.367	13758116	103.01	300	ug/ml
Aliphatic C21-C28	13.368	17.032	14083613	119.042	400	ug/ml
Aliphatic C28-C40	17.033	22.008	21317907	223.657	600	ug/ml
Aliphatic EPH	3.296	22.008	68636792	580.884		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.102	13.102	3444063	31.59		ug/ml
Aliphatic C9-C28	3.296	17.032	47318885	357.228	1200	ug/ml

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MSD		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049622.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.43		0.15	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.2		0.29	1.28	mg/kg
Aromatic C16-C21	Aromatic C16-C21	23.0		0.51	2.13	mg/kg
Aromatic C21-C36	Aromatic C21-C36	35.7		1.52	3.40	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.9		40 - 140	100%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	49.9		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.2		40 - 140	66%	SPK: 50

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2743-01MSD	Acq On:	12 Aug 2025 16:32
Client Sample ID:	WC1MSD	Operator:	YP/AJ
Data file:	FD049622.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	8161767	75.614	200	ug/ml
Aromatic C12-C16	6.151	8.778	14890335	120.491	300	ug/ml
Aromatic C16-C21	8.779	13.070	34266528	270.911	500	ug/ml
Aromatic C21-C36	13.071	18.490	47342443	420.38	800	ug/ml
Aromatic EPH	4.406	18.490	104661073	887.396		ug/ml
2-Flurobiphenyl (SURR)	8.582	8.582	3645141	49.9		ug/ml
ortho-Terphenyl (SURR)	11.626	11.626	4308988	33.2		ug/ml
2-Bromonaphthalene (SURR)	7.716	7.716	5117515	49.93		ug/ml

CALIBRATION SUMMARY

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

Inital Calibration Report for SequenceID : FC080125AL

AreaCount

Parameter Range	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.D	
Aliphatic C9-C12	42068648.000	19691016.000	8965532.000	4370721.000	2351668.000	
Aliphatic C12-C16	27843527.000	13014807.000	5942321.000	2897742.000	1543652.000	
Aliphatic C16-C21	38214284.000	18201524.000	8181971.000	4119976.000	2180745.000	
Aliphatic C21-C28	44820531.000	21625949.000	9610305.000	4868005.000	2590582.000	
Aliphatic C28-C40	52282691.000	25521026.000	11594465.000	5791453.000	3336702.000	
Aliphatic EPH	205229681.000	98054322.000	44294594.000	22047897.000	12003349.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	144679.273333	6.643				
Aliphatic C12-C16	143435.206	6.448				
Aliphatic C16-C21	133561.231333	6.997				
Aliphatic C21-C28	118307.822	7.116				
Aliphatic C28-C40	95315.2126662	10.853				
Aliphatic EPH	120373.0272216	7.787				

Concentration

Parameter Range	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.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	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.D	
Aliphatic C9-C12	140228.826666	131273.440000	149425.533333	145690.700000	156777.866666	
Aliphatic C12-C16	139217.635000	130148.070000	148558.025000	144887.100000	154365.200000	
Aliphatic C16-C21	127380.946666	121343.493333	136366.183333	137332.533333	145383.000000	

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Inital Calibration Report for SequenceID : FC080125AL

Aliphatic C21-C28	112051.327500	108129.745000	120128.812500	121700.125000	129529.100000	
Aliphatic C28-C40	87137.818333	85070.086666	96620.541666	96524.216666	111223.400000	
Aliphatic EPH	114016.489444	108949.246666	123040.538888	122488.316666	133370.544444	

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Inital Calibration Report for SequenceID : FD081125AR

AreaCount

Parameter Range	FD049605.D	FD049606.D	FD049607.D	FD049608.D	FD049609.D	
Aromatic C10-C12	21248208.000	10706275.000	4323481.000	2259486.000	1053332.000	
Aromatic C12-C16	36818737.000	18573883.000	7415425.000	3854530.000	1789065.000	
Aromatic C16-C21	50607212.000	25605422.000	10134035.000	5257097.000	2395676.000	
Aromatic C21-C36	99935947.000	50494933.000	20336032.000	10453913.000	4981852.000	
Aromatic EPH	208610104.000	105380513.000	42208973.000	21825026.000	10219925.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	107939.663	2.772				
Aromatic C12-C16	123580.1519996	2.666				
Aromatic C16-C21	126486.3605	3.348				
Aromatic C21-C36	112618.2539996	1.932				
Aromatic EPH	117007.1949996	2.388				

Concentration

Parameter Range	FD049605.D	FD049606.D	FD049607.D	FD049608.D	FD049609.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FD049605.D	FD049606.D	FD049607.D	FD049608.D	FD049609.D	
Aromatic C10-C12	106241.040000	107062.750000	108087.025000	112974.300000	105333.200000	
Aromatic C12-C16	122729.123333	123825.886666	123590.416666	128484.333333	119271.000000	
Aromatic C16-C21	126518.030000	128027.110000	126675.437500	131427.425000	119783.800000	
Aromatic C21-C36	111039.941111	112210.962222	112977.955555	116154.588888	110707.822222	
Aromatic EPH	115894.502222	117089.458888	117247.147222	121250.144444	113554.722222	

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Continuing Calibration Report for SequenceID : FC081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069634.D**						
Aliphatic C9-C12	8084744.000	60.000	3.296	6.594	134745.733	144679.273	6.866
Aliphatic C12-C16	5438811.000	40.000	6.595	9.998	135970.275	143435.206	5.204
Aliphatic C16-C21	7579864.000	60.000	9.999	13.367	126331.067	133561.231	5.413
Aliphatic C21-C28	8897980.000	80.000	13.368	17.032	111224.750	118307.822	5.987
Aliphatic C28-C40	10856898.000	120.000	17.033	22.008	90474.150	95315.213	5.079
Aliphatic EPH	40858297.000	360.000	3.296	22.008	113495.269	120373.027	5.714

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	12 Aug 2025 11:03
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069634.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.296	6.594	8084744.000	60.000	ug/ml
Aliphatic C12-C16	6.595	9.998	5438811.000	40.000	ug/ml
Aliphatic C16-C21	9.999	13.367	7579864.000	60.000	ug/ml
Aliphatic C21-C28	13.368	17.032	8897980.000	80.000	ug/ml
Aliphatic C28-C40	17.033	22.008	10856898.000	120.000	ug/ml
Aliphatic EPH	3.296	22.008	40858297.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FC081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069643.D**						
Aliphatic C9-C12	8281038.000	60.000	3.296	6.594	138017.300	144679.273	4.605
Aliphatic C12-C16	5564407.000	40.000	6.595	9.998	139110.175	143435.206	3.015
Aliphatic C16-C21	7699230.000	60.000	9.999	13.367	128320.500	133561.231	3.924
Aliphatic C21-C28	9027039.000	80.000	13.368	17.032	112837.988	118307.822	4.623
Aliphatic C28-C40	11191769.000	120.000	17.033	22.008	93264.742	95315.213	2.151
Aliphatic EPH	41763483.000	360.000	3.296	22.008	116009.675	120373.027	3.625

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	12 Aug 2025 18:50
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069643.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.296	6.594	8281038.000	60.000	ug/ml
Aliphatic C12-C16	6.595	9.998	5564407.000	40.000	ug/ml
Aliphatic C16-C21	9.999	13.367	7699230.000	60.000	ug/ml
Aliphatic C21-C28	13.368	17.032	9027039.000	80.000	ug/ml
Aliphatic C28-C40	17.033	22.008	11191769.000	120.000	ug/ml
Aliphatic EPH	3.296	22.008	41763483.000	360.000	ug/ml

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FD081225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FD049615.D**						
Aromatic C10-C12	4939839.000	40.000	4.406	6.150	123495.975	107939.663	-14.412
Aromatic C12-C16	8456670.000	60.000	6.151	8.778	140944.500	123580.152	-14.051
Aromatic C16-C21	11415221.000	80.000	8.779	13.070	142690.263	126486.361	-12.811
Aromatic C21-C36	21792549.000	180.000	13.071	18.490	121069.717	112618.254	-7.505
Aromatic EPH	46604279.000	360.000	4.406	18.490	129456.331	117007.195	-10.640

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

Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	12 Aug 2025 11:03
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049615.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.406	6.150	4939839.000	40.000	ug/ml
Aromatic C12-C16	6.151	8.778	8456670.000	60.000	ug/ml
Aromatic C16-C21	8.779	13.070	11415221.000	80.000	ug/ml
Aromatic C21-C36	13.071	18.490	21792549.000	180.000	ug/ml
Aromatic EPH	4.406	18.490	46604279.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FD081225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FD049624.D**						
Aromatic C10-C12	4620208.000	40.000	4.406	6.150	115505.200	107939.663	-7.009
Aromatic C12-C16	8035947.000	60.000	6.151	8.778	133932.450	123580.152	-8.377
Aromatic C16-C21	11032110.000	80.000	8.779	13.070	137901.375	126486.361	-9.025
Aromatic C21-C36	21319787.000	180.000	13.071	18.490	118443.261	112618.254	-5.172
Aromatic EPH	45008052.000	360.000	4.406	18.490	125022.367	117007.195	-6.850

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

Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	12 Aug 2025 18:50
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049624.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.406	6.150	4620208.000	40.000	ug/ml
Aromatic C12-C16	6.151	8.778	8035947.000	60.000	ug/ml
Aromatic C16-C21	8.779	13.070	11032110.000	80.000	ug/ml
Aromatic C21-C36	13.071	18.490	21319787.000	180.000	ug/ml
Aromatic EPH	4.406	18.490	45008052.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069638.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 14:10
Operator : YP/AJ
Sample : Q2743-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Aug 13 01:16:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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			
12) S 1-chlorooctadecane (S...	13.102	4593248	42.131 ug/ml
Spiked Amount 50.000		Recovery = 84.26%	
Target Compounds			

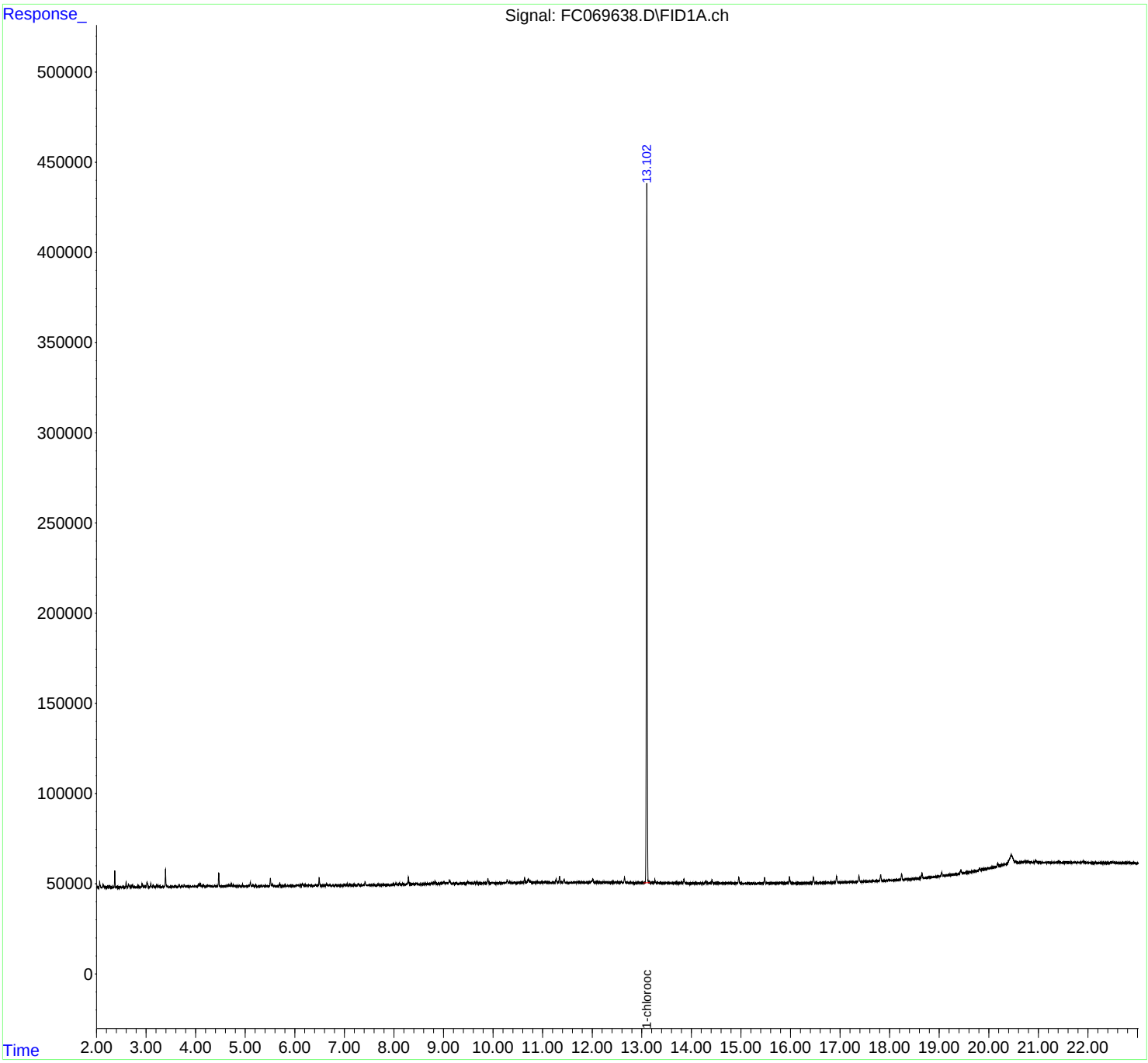
(f)=RT Delta > 1/2 Window (m)=manual int.

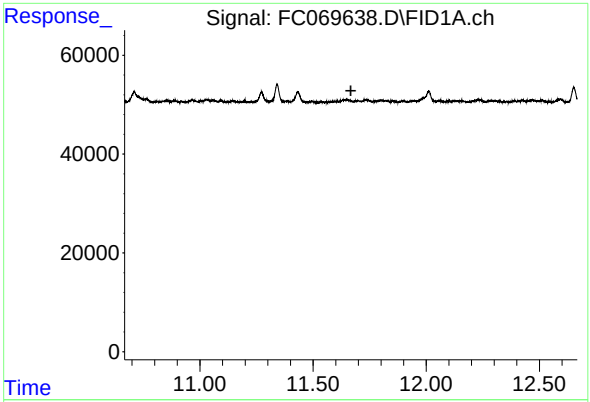
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069638.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 14:10
Operator : YP/AJ
Sample : Q2743-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Aug 13 01:16:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

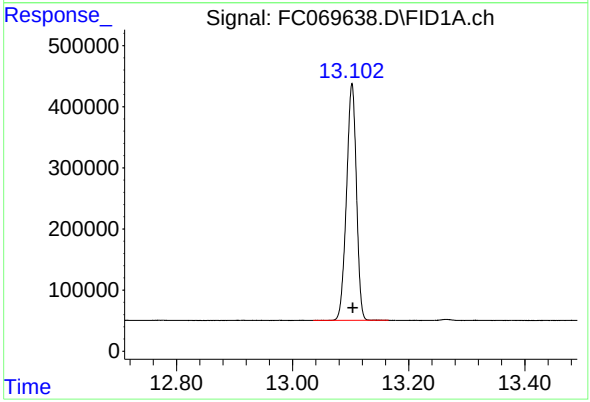




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.667 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
WC1



#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.001 min
Response: 4593248
Conc: 42.13 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069638.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 14:10
Sample : Q2743-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.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	3.216	3.204	3.231	PH	701	7180	0.15%	0.047%
2	3.241	3.231	3.257	PV	537	3702	0.08%	0.024%
3	3.272	3.257	3.310	PV	313	5464	0.12%	0.036%
4	3.340	3.310	3.354	PV	441	4992	0.11%	0.033%
5	3.393	3.354	3.429	VV	9911	92278	1.97%	0.603%
6	3.437	3.429	3.467	VV	444	4504	0.10%	0.029%
7	3.495	3.467	3.506	VV	148	1775	0.04%	0.012%
8	3.521	3.506	3.534	VV	441	4050	0.09%	0.026%
9	3.547	3.534	3.560	VV	455	3728	0.08%	0.024%
10	3.586	3.560	3.628	VV	564	10949	0.23%	0.072%
11	3.667	3.628	3.694	PV	1379	20718	0.44%	0.135%
12	3.714	3.694	3.741	VV	618	11316	0.24%	0.074%
13	3.768	3.741	3.814	VV	1485	21880	0.47%	0.143%
14	3.825	3.814	3.851	VV	443	7826	0.17%	0.051%
15	3.864	3.851	3.877	VV	396	4408	0.09%	0.029%
16	3.892	3.877	3.924	VV	570	7907	0.17%	0.052%
17	3.940	3.924	3.957	VV	500	4750	0.10%	0.031%
18	3.983	3.957	4.008	VV	437	9465	0.20%	0.062%
19	4.018	4.008	4.031	VV	337	3229	0.07%	0.021%
20	4.064	4.031	4.079	VV	1938	25437	0.54%	0.166%
21	4.093	4.079	4.118	VV	2127	23085	0.49%	0.151%
22	4.128	4.118	4.144	VV	507	6676	0.14%	0.044%
23	4.161	4.144	4.194	VV	1468	16348	0.35%	0.107%
24	4.243	4.194	4.259	VV	883	16362	0.35%	0.107%
25	4.275	4.259	4.324	VV	816	17224	0.37%	0.113%

rteres

26	4.333	4.324	4.358	VV	331	4691	0.10%	0.031%
27	4.385	4.358	4.411	VV	543	10704	0.23%	0.070%
28	4.424	4.411	4.443	VV	408	6258	0.13%	0.041%
29	4.467	4.443	4.526	VV	7599	81643	1.75%	0.533%
30	4.538	4.526	4.545	VV	240	2500	0.05%	0.016%
31	4.559	4.545	4.601	VV	395	8377	0.18%	0.055%
32	4.636	4.601	4.654	VV	883	15646	0.33%	0.102%
33	4.669	4.654	4.679	VV	748	7657	0.16%	0.050%
34	4.692	4.679	4.708	VV	1112	12022	0.26%	0.079%
35	4.722	4.708	4.739	VV	2117	21081	0.45%	0.138%
36	4.753	4.739	4.764	VV	713	7740	0.17%	0.051%
37	4.776	4.764	4.789	VV	565	7262	0.16%	0.047%
38	4.800	4.789	4.828	VV	509	7519	0.16%	0.049%
39	4.843	4.828	4.860	VV	485	6196	0.13%	0.040%
40	4.884	4.860	4.925	VV	675	12207	0.26%	0.080%
41	4.947	4.925	4.967	VV	1133	12547	0.27%	0.082%
42	4.990	4.967	5.005	VV	327	5168	0.11%	0.034%
43	5.027	5.005	5.049	VV	403	6753	0.14%	0.044%
44	5.078	5.049	5.088	VV	1051	11014	0.24%	0.072%
45	5.104	5.088	5.130	VV	2512	30130	0.64%	0.197%
46	5.149	5.130	5.179	VV	935	16071	0.34%	0.105%
47	5.211	5.179	5.233	VV	844	14297	0.31%	0.093%
48	5.241	5.233	5.253	VV	171	1666	0.04%	0.011%
49	5.327	5.253	5.356	VV	443	14220	0.30%	0.093%
50	5.372	5.356	5.385	VV	317	4358	0.09%	0.028%
51	5.403	5.385	5.421	VV	624	8163	0.17%	0.053%
52	5.431	5.421	5.484	VV	322	8194	0.18%	0.054%
53	5.508	5.484	5.526	VV	4672	48030	1.03%	0.314%
54	5.542	5.526	5.566	VV	1069	18295	0.39%	0.120%
55	5.578	5.566	5.592	VV	399	4569	0.10%	0.030%
56	5.604	5.592	5.631	VV	342	4825	0.10%	0.032%
57	5.644	5.631	5.658	VV	285	3075	0.07%	0.020%
58	5.696	5.658	5.731	VV	1332	21362	0.46%	0.140%
59	5.756	5.731	5.773	VV	418	5841	0.12%	0.038%
60	5.795	5.773	5.840	VV	667	15263	0.33%	0.100%
61	5.857	5.840	5.875	VV	386	5645	0.12%	0.037%
62	5.919	5.875	5.943	VV	427	10557	0.23%	0.069%
63	5.964	5.943	5.994	VV	434	7519	0.16%	0.049%
64	6.012	5.994	6.020	VV	438	5044	0.11%	0.033%
65	6.032	6.020	6.046	VV	666	7938	0.17%	0.052%
66	6.065	6.046	6.091	VV	822	14533	0.31%	0.095%
67	6.109	6.091	6.131	VV	820	11310	0.24%	0.074%
68	6.152	6.131	6.184	VV	1272	21649	0.46%	0.141%
69	6.212	6.184	6.231	VV	1026	15260	0.33%	0.100%

rteres

70	6.252	6.231	6.264	VV	449	7764	0.17%	0.051%
71	6.285	6.264	6.322	VV	601	16438	0.35%	0.107%
72	6.336	6.322	6.356	VV	454	7081	0.15%	0.046%
73	6.376	6.356	6.395	VV	505	8738	0.19%	0.057%
74	6.421	6.395	6.443	VV	647	14216	0.30%	0.093%
75	6.458	6.443	6.467	VV	561	6934	0.15%	0.045%
76	6.492	6.467	6.541	VV	4841	61028	1.31%	0.399%
77	6.553	6.541	6.566	VV	370	4418	0.09%	0.029%
78	6.579	6.566	6.598	VV	406	6711	0.14%	0.044%
79	6.610	6.598	6.622	VV	434	5545	0.12%	0.036%
80	6.642	6.622	6.664	VV	1829	23822	0.51%	0.156%
81	6.678	6.664	6.704	VV	599	12473	0.27%	0.081%
82	6.715	6.704	6.744	VV	604	8482	0.18%	0.055%
83	6.764	6.744	6.794	VV	541	9338	0.20%	0.061%
84	6.821	6.794	6.849	VV	601	11443	0.24%	0.075%
85	6.869	6.849	6.881	VV	424	6954	0.15%	0.045%
86	6.890	6.881	6.917	VV	459	7228	0.15%	0.047%
87	6.994	6.917	7.026	VV	988	32062	0.69%	0.209%
88	7.054	7.026	7.084	VV	881	19644	0.42%	0.128%
89	7.115	7.084	7.137	VV	822	18221	0.39%	0.119%
90	7.155	7.137	7.175	VV	674	9925	0.21%	0.065%
91	7.198	7.175	7.214	VV	1040	14520	0.31%	0.095%
92	7.220	7.214	7.244	VV	598	7808	0.17%	0.051%
93	7.280	7.244	7.318	VV	1432	27561	0.59%	0.180%
94	7.335	7.318	7.368	VV	566	12079	0.26%	0.079%
95	7.384	7.368	7.398	VV	697	9931	0.21%	0.065%
96	7.419	7.398	7.454	VV	2467	34848	0.75%	0.228%
97	7.483	7.454	7.497	VV	520	11502	0.25%	0.075%
98	7.511	7.497	7.530	VV	621	9394	0.20%	0.061%
99	7.556	7.530	7.565	VV	434	7966	0.17%	0.052%
100	7.592	7.565	7.660	VV	745	22556	0.48%	0.147%
101	7.684	7.660	7.699	VV	942	12473	0.27%	0.081%
102	7.720	7.699	7.744	VV	511	11890	0.25%	0.078%
103	7.764	7.744	7.788	VV	568	11333	0.24%	0.074%
104	7.808	7.788	7.831	VV	662	13251	0.28%	0.087%
105	7.856	7.831	7.890	VV	638	18850	0.40%	0.123%
106	7.900	7.890	7.921	VV	594	8675	0.19%	0.057%
107	7.943	7.921	7.958	VV	647	10690	0.23%	0.070%
108	7.987	7.958	8.014	VV	1203	24560	0.53%	0.160%
109	8.041	8.014	8.081	VV	1172	31807	0.68%	0.208%
110	8.112	8.081	8.134	VV	1345	27389	0.59%	0.179%
111	8.173	8.134	8.184	VV	955	24198	0.52%	0.158%
112	8.198	8.184	8.218	VV	1087	17047	0.36%	0.111%

rteres

113	8.292	8.218	8.356	VV	4853	109582	2.34%	0.716%
114	8.386	8.356	8.424	VV	970	33100	0.71%	0.216%
115	8.457	8.424	8.504	VV	1275	45991	0.98%	0.300%
116	8.527	8.504	8.553	VV	842	21593	0.46%	0.141%
117	8.581	8.553	8.594	VV	765	18216	0.39%	0.119%
118	8.649	8.594	8.671	VV	1093	41952	0.90%	0.274%
119	8.696	8.671	8.718	VV	1066	27158	0.58%	0.177%
120	8.757	8.718	8.771	VV	1376	35677	0.76%	0.233%
121	8.829	8.771	8.871	VV	2215	79810	1.71%	0.521%
122	8.898	8.871	8.931	VV	1212	38253	0.82%	0.250%
123	9.012	8.931	9.034	VV	1976	86787	1.86%	0.567%
124	9.054	9.034	9.088	VV	1565	43743	0.94%	0.286%
125	9.116	9.088	9.183	VV	2638	88119	1.88%	0.576%
126	9.202	9.183	9.234	VV	1420	32798	0.70%	0.214%
127	9.272	9.234	9.292	VV	1183	35815	0.77%	0.234%
128	9.332	9.292	9.343	VV	1299	31738	0.68%	0.207%
129	9.353	9.343	9.391	VV	1271	31832	0.68%	0.208%
130	9.418	9.391	9.444	VV	1257	35308	0.76%	0.231%
131	9.488	9.444	9.506	VV	1868	50175	1.07%	0.328%
132	9.513	9.506	9.554	VV	1411	37835	0.81%	0.247%
133	9.572	9.554	9.595	VV	1262	28459	0.61%	0.186%
134	9.623	9.595	9.641	VV	1575	34917	0.75%	0.228%
135	9.674	9.641	9.714	VV	1869	54631	1.17%	0.357%
136	9.734	9.714	9.778	VV	1304	41248	0.88%	0.269%
137	9.815	9.778	9.841	VV	1348	41649	0.89%	0.272%
138	9.861	9.841	9.874	VV	1355	25287	0.54%	0.165%
139	9.896	9.874	9.941	VV	3875	74340	1.59%	0.486%
140	9.978	9.941	9.994	VV	1363	40004	0.86%	0.261%
141	10.003	9.994	10.058	VV	1332	44346	0.95%	0.290%
142	10.066	10.058	10.101	VV	1106	28134	0.60%	0.184%
143	10.110	10.101	10.155	VV	1158	35541	0.76%	0.232%
144	10.173	10.155	10.190	VV	1244	23579	0.50%	0.154%
145	10.242	10.190	10.257	VV	1394	47781	1.02%	0.312%
146	10.285	10.257	10.314	VV	2576	61866	1.32%	0.404%
147	10.335	10.314	10.354	VV	1832	36160	0.77%	0.236%
148	10.378	10.354	10.414	VV	1570	48248	1.03%	0.315%
149	10.433	10.414	10.471	VV	1584	44006	0.94%	0.287%
150	10.534	10.471	10.551	VV	1522	61010	1.30%	0.399%
151	10.566	10.551	10.601	VV	1595	42938	0.92%	0.281%
152	10.636	10.601	10.677	VV	3731	88222	1.89%	0.576%
153	10.709	10.677	10.751	VV	3314	98464	2.11%	0.643%
154	10.763	10.751	10.789	VV	1851	35666	0.76%	0.233%
155	10.815	10.789	10.824	VV	1336	27394	0.59%	0.179%

rteres

156	10.852	10.824	10.874	VV	1490	41486	0.89%	0.271%
157	10.888	10.874	10.911	VV	1533	30216	0.65%	0.197%
158	10.919	10.911	10.934	VV	1335	17772	0.38%	0.116%
159	10.966	10.934	10.991	VV	1599	47183	1.01%	0.308%
160	11.030	10.991	11.080	VV	1682	77321	1.65%	0.505%
161	11.093	11.080	11.111	VV	1470	25178	0.54%	0.164%
162	11.123	11.111	11.131	VV	1296	15051	0.32%	0.098%
163	11.146	11.131	11.183	VV	1412	38869	0.83%	0.254%
164	11.198	11.183	11.220	VV	1376	26592	0.57%	0.174%
165	11.227	11.220	11.236	VV	1232	11281	0.24%	0.074%
166	11.272	11.236	11.311	VV	3162	80782	1.73%	0.528%
167	11.341	11.311	11.373	VV	4746	88237	1.89%	0.576%
168	11.386	11.373	11.398	VV	1336	18778	0.40%	0.123%
169	11.433	11.398	11.474	VV	3210	81092	1.73%	0.530%
170	11.494	11.474	11.520	VV	1272	31101	0.67%	0.203%
171	11.536	11.520	11.564	VV	1205	27861	0.60%	0.182%
172	11.579	11.564	11.586	VV	1166	15185	0.32%	0.099%
173	11.654	11.586	11.681	VV	1507	74592	1.60%	0.487%
174	11.698	11.681	11.714	VV	1338	25571	0.55%	0.167%
175	11.737	11.714	11.761	VV	1528	37659	0.81%	0.246%
176	11.803	11.761	11.843	VV	1441	63346	1.35%	0.414%
177	11.855	11.843	11.874	VV	1229	22030	0.47%	0.144%
178	11.895	11.874	11.921	VV	1242	32071	0.69%	0.210%
179	12.011	11.921	12.045	VV	3272	123744	2.65%	0.808%
180	12.060	12.045	12.083	VV	1273	27102	0.58%	0.177%
181	12.125	12.083	12.134	VV	1249	35631	0.76%	0.233%
182	12.150	12.134	12.198	VV	1304	43190	0.92%	0.282%
183	12.235	12.198	12.260	VV	1444	47547	1.02%	0.311%
184	12.282	12.260	12.351	VV	1306	62618	1.34%	0.409%
185	12.389	12.351	12.400	VV	1192	31888	0.68%	0.208%
186	12.426	12.400	12.438	VV	1304	26748	0.57%	0.175%
187	12.469	12.438	12.501	VV	1371	46197	0.99%	0.302%
188	12.510	12.501	12.534	VV	1268	22759	0.49%	0.149%
189	12.543	12.534	12.554	VV	1046	11424	0.24%	0.075%
190	12.592	12.554	12.619	VV	1486	46064	0.99%	0.301%
191	12.652	12.619	12.748	VV	3867	107069	2.29%	0.699%
192	12.774	12.748	12.851	VV	1047	53642	1.15%	0.350%
193	12.915	12.851	12.962	VV	974	54677	1.17%	0.357%
194	12.979	12.962	12.998	VV	892	17283	0.37%	0.113%
195	13.018	12.998	13.031	VV	932	16515	0.35%	0.108%
196	13.102	13.031	13.187	VV	386468	4676359	100.00%	30.550%
197	13.206	13.187	13.240	VV	881	25456	0.54%	0.166%
198	13.265	13.240	13.298	VV	2398	44446	0.95%	0.290%
199	13.314	13.298	13.371	VV	910	32642	0.70%	0.213%

rteres

200	13.388	13.371	13.415	VV	719	17061	0.36%	0.111%
201	13.436	13.415	13.457	VV	707	16050	0.34%	0.105%
202	13.494	13.457	13.526	VV	855	30485	0.65%	0.199%
203	13.541	13.526	13.584	VV	809	23907	0.51%	0.156%
204	13.607	13.584	13.668	VV	671	30267	0.65%	0.198%
205	13.695	13.668	13.744	VV	833	29317	0.63%	0.192%
206	13.768	13.744	13.780	VV	667	13047	0.28%	0.085%
207	13.801	13.780	13.821	VV	910	18037	0.39%	0.118%
208	13.852	13.821	13.895	VV	2878	49987	1.07%	0.327%
209	13.914	13.895	13.932	VV	448	9891	0.21%	0.065%
210	13.946	13.932	14.024	VV	473	21596	0.46%	0.141%
211	14.087	14.024	14.130	VV	590	27676	0.59%	0.181%
212	14.142	14.130	14.171	VV	413	9526	0.20%	0.062%
213	14.185	14.171	14.214	VV	468	10107	0.22%	0.066%
214	14.290	14.214	14.324	VV	1472	40032	0.86%	0.262%
215	14.337	14.324	14.351	VV	413	5752	0.12%	0.038%
216	14.371	14.351	14.387	VV	487	8530	0.18%	0.056%
217	14.416	14.387	14.467	VV	2286	38613	0.83%	0.252%
218	14.482	14.467	14.526	VV	404	12647	0.27%	0.083%
219	14.534	14.526	14.601	VV	446	15269	0.33%	0.100%
220	14.617	14.601	14.658	VV	341	10694	0.23%	0.070%
221	14.677	14.658	14.725	VV	361	13321	0.28%	0.087%
222	14.735	14.725	14.746	VV	346	3783	0.08%	0.025%
223	14.765	14.746	14.785	VV	417	7453	0.16%	0.049%
224	14.807	14.785	14.831	VV	381	8502	0.18%	0.056%
225	14.842	14.831	14.889	VV	254	6618	0.14%	0.043%
226	14.913	14.889	14.931	VV	483	8390	0.18%	0.055%
227	14.957	14.931	15.004	VV	3585	52062	1.11%	0.340%
228	15.016	15.004	15.071	VV	215	6472	0.14%	0.042%
229	15.078	15.071	15.101	VV	124	1682	0.04%	0.011%
230	15.158	15.101	15.185	VV	199	5814	0.12%	0.038%
231	15.201	15.185	15.251	VV	142	4303	0.09%	0.028%
232	15.262	15.251	15.268	VV	181	1120	0.02%	0.007%
233	15.292	15.268	15.349	VV	213	6226	0.13%	0.041%
234	15.389	15.349	15.411	VV	174	4090	0.09%	0.027%
235	15.437	15.411	15.451	VV	172	2923	0.06%	0.019%
236	15.478	15.451	15.528	VV	3313	47254	1.01%	0.309%
237	15.534	15.528	15.554	VV	233	2599	0.06%	0.017%
238	15.560	15.554	15.588	VV	198	2736	0.06%	0.018%
239	15.642	15.588	15.651	VV	224	6352	0.14%	0.041%
240	15.662	15.651	15.691	VV	228	4177	0.09%	0.027%
241	15.696	15.691	15.734	VV	210	4195	0.09%	0.027%
242	15.799	15.734	15.862	VV	403	18038	0.39%	0.118%

rteres

243	15.872	15.862	15.905	VV	225	3692	0.08%	0.024%
244	15.940	15.905	15.951	VV	352	5733	0.12%	0.037%
245	15.979	15.951	16.065	VV	3819	56145	1.20%	0.367%
246	16.082	16.065	16.091	VV	128	1287	0.03%	0.008%
247	16.121	16.091	16.132	VV	113	2132	0.05%	0.014%
248	16.155	16.132	16.227	VV	183	5461	0.12%	0.036%
249	16.241	16.227	16.257	PV	102	957	0.02%	0.006%
250	16.291	16.257	16.311	VV	243	4885	0.10%	0.032%
251	16.344	16.311	16.397	VV	157	5491	0.12%	0.036%
252	16.463	16.397	16.494	VV	3168	46637	1.00%	0.305%
253	16.505	16.494	16.524	VV	130	1268	0.03%	0.008%
254	16.535	16.524	16.594	VV	121	2198	0.05%	0.014%
255	16.622	16.594	16.630	VV	215	2457	0.05%	0.016%
256	16.641	16.630	16.653	VV	213	2114	0.05%	0.014%
257	16.666	16.653	16.720	VV	214	5359	0.11%	0.035%
258	16.745	16.720	16.794	VV	232	6187	0.13%	0.040%
259	16.814	16.794	16.834	VV	213	3437	0.07%	0.022%
260	16.852	16.834	16.864	VV	128	1302	0.03%	0.009%
261	16.931	16.864	16.985	VV	3543	54149	1.16%	0.354%
262	17.008	16.985	17.018	VV	147	1527	0.03%	0.010%
263	17.053	17.018	17.067	PV	145	2883	0.06%	0.019%
264	17.097	17.067	17.115	VV	148	2973	0.06%	0.019%
265	17.213	17.115	17.241	PV	193	9681	0.21%	0.063%
266	17.268	17.241	17.290	VV	172	2818	0.06%	0.018%
267	17.382	17.290	17.413	PV	3406	53763	1.15%	0.351%
268	17.422	17.413	17.451	VV	145	1716	0.04%	0.011%
269	17.507	17.451	17.534	VV	175	4545	0.10%	0.030%
270	17.596	17.534	17.623	VV	146	5242	0.11%	0.034%
271	17.665	17.623	17.694	VV	199	5017	0.11%	0.033%
272	17.725	17.694	17.748	VV	114	2570	0.05%	0.017%
273	17.820	17.748	17.864	VV	3681	52707	1.13%	0.344%
274	17.977	17.864	18.058	VV	447	16050	0.34%	0.105%
275	18.098	18.058	18.119	PV	228	5035	0.11%	0.033%
276	18.243	18.119	18.274	VV	3337	54795	1.17%	0.358%
277	18.345	18.274	18.364	PV	475	9038	0.19%	0.059%
278	18.380	18.364	18.407	VV	117	2092	0.04%	0.014%
279	18.466	18.407	18.481	PV	122	2565	0.05%	0.017%
280	18.509	18.481	18.524	VV	246	4062	0.09%	0.027%
281	18.556	18.524	18.566	VV	112	2139	0.05%	0.014%
282	18.653	18.566	18.708	VV	3117	48672	1.04%	0.318%
283	18.774	18.708	18.786	VV	197	4305	0.09%	0.028%
284	18.819	18.786	18.861	VV	181	5104	0.11%	0.033%
285	18.915	18.861	18.931	VV	258	4025	0.09%	0.026%

rteres

286	18.986	18.931	19.004	VV	266	7741	0.17%	0.051%
287	19.051	19.004	19.083	VV	2536	41708	0.89%	0.272%
288	19.105	19.083	19.124	VV	412	8534	0.18%	0.056%
289	19.268	19.124	19.276	VV	593	42875	0.92%	0.280%
290	19.302	19.276	19.320	VV	635	14875	0.32%	0.097%
291	19.438	19.320	19.501	VV	2952	107341	2.30%	0.701%
292	19.731	19.501	19.764	VV	1424	176162	3.77%	1.151%
293	19.815	19.764	19.842	VV	2806	88051	1.88%	0.575%
294	20.088	19.842	20.114	VV	2683	349665	7.48%	2.284%
295	20.180	20.114	20.211	VV	4263	183425	3.92%	1.198%
296	20.448	20.211	20.528	VV	8274	917892	19.63%	5.996%
297	20.541	20.528	20.575	VV	4806	125811	2.69%	0.822%
298	20.741	20.575	20.769	VV	4075	464336	9.93%	3.033%
299	20.791	20.769	20.891	VV	3912	266902	5.71%	1.744%
300	20.943	20.891	20.991	VV	3894	206314	4.41%	1.348%
301	21.006	20.991	21.038	VV	2991	81334	1.74%	0.531%
302	21.046	21.038	21.068	VV	2835	50576	1.08%	0.330%
303	21.108	21.068	21.128	VV	2729	98173	2.10%	0.641%
304	21.136	21.128	21.163	VV	2672	54843	1.17%	0.358%
305	21.174	21.163	21.181	VV	2519	26606	0.57%	0.174%
306	21.189	21.181	21.238	VV	2526	83403	1.78%	0.545%
307	21.246	21.238	21.334	VV	2398	130093	2.78%	0.850%
308	21.407	21.334	21.445	VV	2484	140493	3.00%	0.918%
309	21.454	21.445	21.492	VV	1851	50667	1.08%	0.331%
310	21.556	21.492	21.614	VV	1667	117081	2.50%	0.765%
311	21.631	21.614	21.642	VV	1518	24181	0.52%	0.158%
312	21.653	21.642	21.669	VV	1424	22455	0.48%	0.147%
313	21.690	21.669	21.711	VV	1381	31634	0.68%	0.207%
314	21.780	21.711	21.847	VV	1114	86980	1.86%	0.568%
315	21.902	21.847	21.946	VV	1257	58388	1.25%	0.381%
316	21.953	21.946	21.987	VV	628	13885	0.30%	0.091%
317	21.995	21.987	22.018	VV	542	8242	0.18%	0.054%
318	22.051	22.018	22.122	VV	439	15391	0.33%	0.101%
			Sum of corrected areas:			15307353		

Aliphatic EPH 080125.M Wed Aug 13 05:14:55 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049619.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 14:10
Operator : YP/AJ
Sample : Q2743-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Aug 13 00:29:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.715	4521868	44.121 ug/ml
Spiked Amount 50.000		Recovery =	88.24%
6) S 2-Flurobiphenyl (SURR)	8.580	3258700	44.612 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery =	89.22%
11) S ortho-Terphenyl (SURR)	11.627	4883384	37.624 ug/ml
Spiked Amount 50.000		Recovery =	75.25%
Target Compounds			

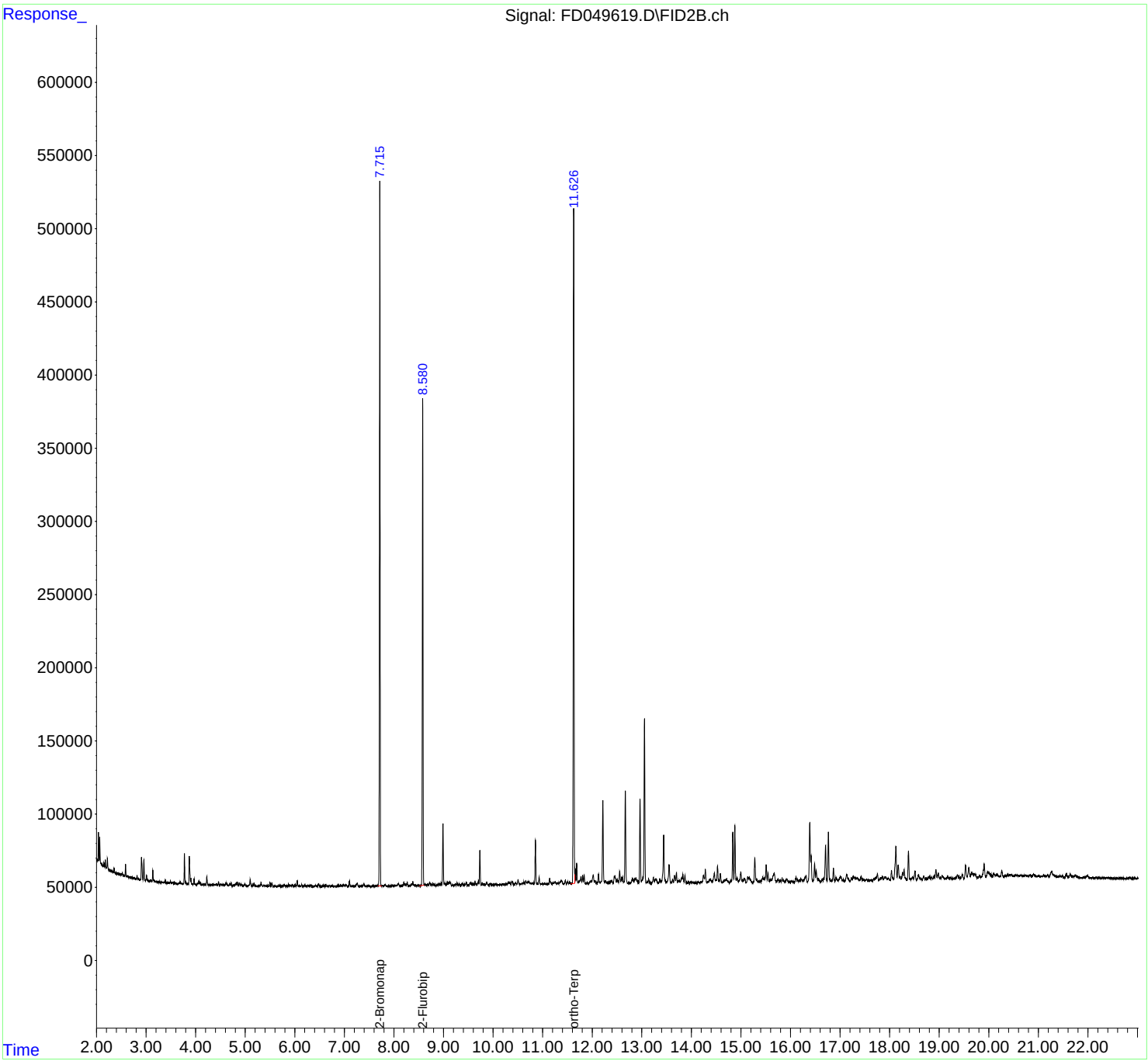
(f)=RT Delta > 1/2 Window (m)=manual int.

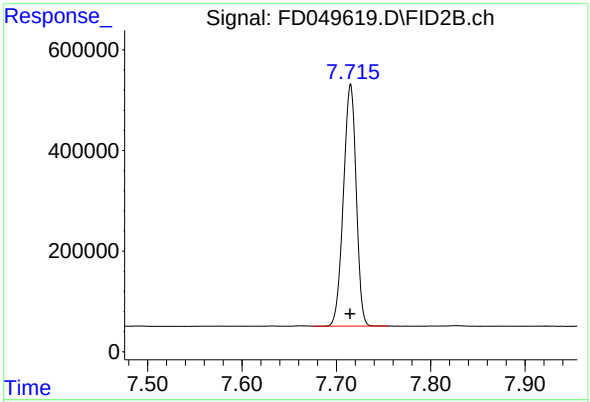
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049619.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 14:10
Operator : YP/AJ
Sample : Q2743-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Aug 13 00:29:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

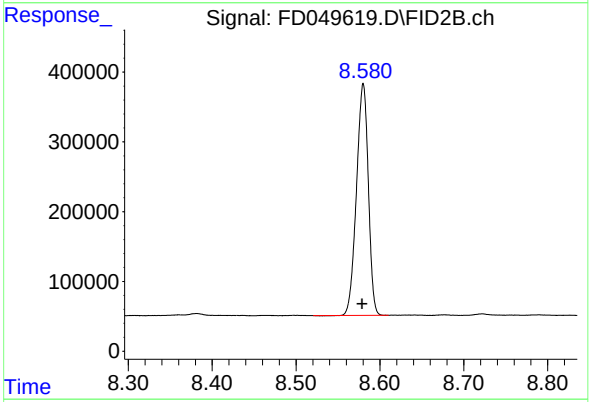




#4 2-Bromonaphthalene (SURR)

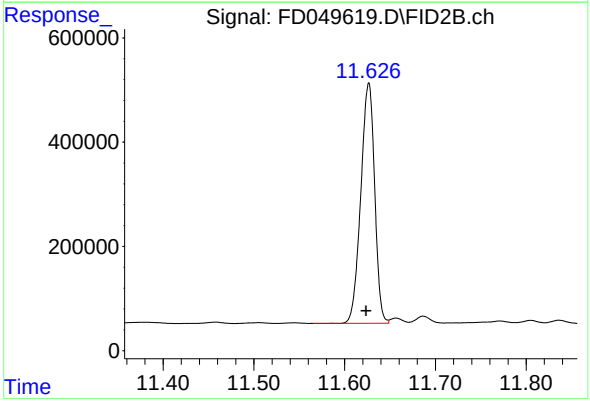
R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 4521868
Conc: 44.12 ug/ml

Instrument :
FID_D
ClientSampleId :
WC1



#6 2-Flurobiphenyl (SURR)

R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 3258700
Conc: 44.61 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: 0.003 min
Response: 4883384
Conc: 37.62 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049619.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 14:10
Sample : Q2743-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.259	4.252	4.284	PH	467	3939	0.08%	0.012%
2	4.318	4.312	4.337	VV	273	2532	0.05%	0.008%
3	4.356	4.346	4.376	VV	604	6196	0.13%	0.019%
4	4.391	4.376	4.404	VV	607	7464	0.15%	0.023%
5	4.418	4.404	4.444	VV	1352	14420	0.29%	0.045%
6	4.463	4.444	4.491	VV	2629	27811	0.57%	0.087%
7	4.507	4.491	4.521	VV	1313	13619	0.28%	0.042%
8	4.538	4.521	4.556	VV	795	11030	0.22%	0.034%
9	4.569	4.556	4.593	VV	857	12313	0.25%	0.038%
10	4.612	4.593	4.623	VV	2074	23012	0.47%	0.072%
11	4.632	4.623	4.657	VV	1666	19081	0.39%	0.059%
12	4.662	4.657	4.670	VV	413	2501	0.05%	0.008%
13	4.687	4.670	4.703	VV	1626	18275	0.37%	0.057%
14	4.717	4.703	4.737	VV	2409	23027	0.47%	0.072%
15	4.749	4.737	4.756	PV	232	1670	0.03%	0.005%
16	4.771	4.756	4.782	VV	862	8583	0.17%	0.027%
17	4.796	4.782	4.806	VV	1417	13183	0.27%	0.041%
18	4.817	4.806	4.827	VV	2158	19711	0.40%	0.061%
19	4.841	4.827	4.861	VV	2867	32866	0.67%	0.102%
20	4.881	4.861	4.901	VV	2346	28337	0.58%	0.088%
21	4.917	4.901	4.958	VV	1726	25819	0.53%	0.080%
22	4.993	4.958	5.014	VV	1828	26283	0.54%	0.082%
23	5.022	5.014	5.051	VV	692	7759	0.16%	0.024%
24	5.073	5.051	5.082	VV	1034	11204	0.23%	0.035%
25	5.100	5.082	5.132	VV	4775	60988	1.24%	0.190%

rteres

26	5.157	5.132	5.169	VV	1657	19057	0.39%	0.059%
27	5.183	5.169	5.227	VV	1955	27561	0.56%	0.086%
28	5.235	5.227	5.245	VV	396	3257	0.07%	0.010%
29	5.252	5.245	5.269	VV	336	3958	0.08%	0.012%
30	5.287	5.269	5.300	VV	529	7815	0.16%	0.024%
31	5.319	5.300	5.352	VV	3015	37462	0.76%	0.117%
32	5.372	5.352	5.387	VV	1053	13539	0.28%	0.042%
33	5.394	5.387	5.410	VV	828	7655	0.16%	0.024%
34	5.435	5.410	5.445	VV	566	7526	0.15%	0.023%
35	5.458	5.445	5.477	VV	655	8486	0.17%	0.026%
36	5.501	5.477	5.519	VV	2503	30407	0.62%	0.095%
37	5.540	5.519	5.581	VV	2260	33041	0.67%	0.103%
38	5.595	5.581	5.611	PV	599	7287	0.15%	0.023%
39	5.617	5.611	5.630	VV	441	3245	0.07%	0.010%
40	5.642	5.630	5.649	VV	354	2939	0.06%	0.009%
41	5.661	5.649	5.671	VV	633	6203	0.13%	0.019%
42	5.690	5.671	5.704	VV	838	12787	0.26%	0.040%
43	5.707	5.704	5.710	VV	552	2057	0.04%	0.006%
44	5.714	5.710	5.727	VV	644	4425	0.09%	0.014%
45	5.750	5.727	5.762	VV	632	10005	0.20%	0.031%
46	5.785	5.762	5.825	VV	1552	34098	0.69%	0.106%
47	5.836	5.825	5.857	VV	819	11408	0.23%	0.035%
48	5.874	5.857	5.881	VV	1216	12191	0.25%	0.038%
49	5.895	5.881	5.915	VV	1077	16389	0.33%	0.051%
50	5.924	5.915	5.937	VV	1038	10908	0.22%	0.034%
51	5.954	5.937	5.975	VV	1290	18350	0.37%	0.057%
52	6.006	5.975	6.033	VV	1439	28336	0.58%	0.088%
53	6.050	6.033	6.070	VV	4376	45362	0.92%	0.141%
54	6.098	6.070	6.117	VV	989	18300	0.37%	0.057%
55	6.139	6.117	6.166	VV	1648	22011	0.45%	0.068%
56	6.198	6.166	6.249	VV	1181	34486	0.70%	0.107%
57	6.269	6.249	6.293	VV	902	17635	0.36%	0.055%
58	6.305	6.293	6.312	VV	775	7657	0.16%	0.024%
59	6.324	6.312	6.384	VV	1048	22085	0.45%	0.069%
60	6.419	6.384	6.457	VV	848	24749	0.50%	0.077%
61	6.479	6.457	6.527	VV	2225	34813	0.71%	0.108%
62	6.567	6.527	6.583	VV	1017	16006	0.33%	0.050%
63	6.599	6.583	6.612	VV	866	11022	0.22%	0.034%
64	6.628	6.612	6.646	VV	1521	17431	0.35%	0.054%
65	6.669	6.646	6.674	VV	601	7352	0.15%	0.023%
66	6.679	6.674	6.691	VV	627	5242	0.11%	0.016%
67	6.701	6.691	6.720	VV	961	9756	0.20%	0.030%
68	6.733	6.720	6.742	VV	551	5270	0.11%	0.016%
69	6.759	6.742	6.778	VV	1002	13852	0.28%	0.043%

rteres

70	6.809	6.778	6.834	PV	490	10821	0.22%	0.034%
71	6.864	6.834	6.870	VV	908	13768	0.28%	0.043%
72	6.880	6.870	6.901	VV	1285	16265	0.33%	0.051%
73	6.920	6.901	6.937	VV	985	14729	0.30%	0.046%
74	6.949	6.937	6.954	VV	635	5762	0.12%	0.018%
75	6.973	6.954	7.009	VV	1337	28939	0.59%	0.090%
76	7.012	7.009	7.017	VV	891	4231	0.09%	0.013%
77	7.036	7.017	7.072	VV	1269	24205	0.49%	0.075%
78	7.104	7.072	7.132	VV	3737	46765	0.95%	0.145%
79	7.143	7.132	7.149	VV	321	2626	0.05%	0.008%
80	7.156	7.149	7.168	VV	480	3169	0.06%	0.010%
81	7.211	7.168	7.222	VV	537	11463	0.23%	0.036%
82	7.241	7.222	7.248	VV	1645	16556	0.34%	0.051%
83	7.262	7.248	7.303	VV	2481	34906	0.71%	0.109%
84	7.322	7.303	7.355	VV	640	10919	0.22%	0.034%
85	7.391	7.355	7.429	VV	1640	35806	0.73%	0.111%
86	7.468	7.429	7.480	VV	785	16175	0.33%	0.050%
87	7.492	7.480	7.510	VV	727	7976	0.16%	0.025%
88	7.523	7.510	7.533	PV	224	1679	0.03%	0.005%
89	7.578	7.533	7.614	VV	540	17263	0.35%	0.054%
90	7.617	7.614	7.621	VV	518	2048	0.04%	0.006%
91	7.633	7.621	7.646	VV	697	7881	0.16%	0.025%
92	7.664	7.646	7.684	VV	1108	15328	0.31%	0.048%
93	7.715	7.684	7.779	VV	481782	4553053	92.70%	14.162%
94	7.784	7.779	7.789	VV	480	2510	0.05%	0.008%
95	7.807	7.789	7.814	VV	729	8781	0.18%	0.027%
96	7.827	7.814	7.855	VV	1244	17635	0.36%	0.055%
97	7.860	7.855	7.867	VV	225	1474	0.03%	0.005%
98	7.878	7.867	7.898	VV	404	5812	0.12%	0.018%
99	7.923	7.898	7.950	VV	470	8427	0.17%	0.026%
100	7.965	7.950	7.981	VV	899	10601	0.22%	0.033%
101	7.990	7.981	7.999	VV	646	5660	0.12%	0.018%
102	8.010	7.999	8.021	VV	650	6397	0.13%	0.020%
103	8.031	8.021	8.045	VV	551	6622	0.13%	0.021%
104	8.081	8.045	8.086	VV	1618	21621	0.44%	0.067%
105	8.094	8.086	8.137	VV	1801	27550	0.56%	0.086%
106	8.143	8.137	8.149	VV	487	3325	0.07%	0.010%
107	8.168	8.149	8.176	VV	658	7717	0.16%	0.024%
108	8.198	8.176	8.215	VV	3002	35842	0.73%	0.111%
109	8.225	8.215	8.244	VV	1762	19195	0.39%	0.060%
110	8.266	8.244	8.293	VV	2310	36936	0.75%	0.115%
111	8.307	8.293	8.320	VV	593	6873	0.14%	0.021%
112	8.361	8.320	8.366	VV	1481	21776	0.44%	0.068%

rteres

113	8.381	8.366	8.404	VV	3308	43476	0.89%	0.135%
114	8.409	8.404	8.432	VV	723	10045	0.20%	0.031%
115	8.437	8.432	8.449	VV	685	3982	0.08%	0.012%
116	8.467	8.449	8.484	VV	672	9308	0.19%	0.029%
117	8.498	8.484	8.514	VV	797	9628	0.20%	0.030%
118	8.518	8.514	8.529	VV	366	2394	0.05%	0.007%
119	8.580	8.540	8.610	VV	333276	3283612	66.86%	10.213%
120	8.641	8.610	8.661	VV	1173	28207	0.57%	0.088%
121	8.677	8.661	8.699	VV	1465	21185	0.43%	0.066%
122	8.722	8.699	8.749	VV	2799	43791	0.89%	0.136%
123	8.756	8.749	8.772	VV	1067	12614	0.26%	0.039%
124	8.790	8.772	8.817	VV	1374	25840	0.53%	0.080%
125	8.826	8.817	8.854	VV	767	11968	0.24%	0.037%
126	8.885	8.854	8.902	VV	1136	22775	0.46%	0.071%
127	8.916	8.902	8.933	VV	1589	21444	0.44%	0.067%
128	8.950	8.933	8.967	VV	1738	25897	0.53%	0.081%
129	8.989	8.967	9.011	VV	42399	433771	8.83%	1.349%
130	9.017	9.011	9.034	VV	1774	20576	0.42%	0.064%
131	9.041	9.034	9.059	VV	1439	15746	0.32%	0.049%
132	9.083	9.059	9.097	VV	2254	40075	0.82%	0.125%
133	9.125	9.097	9.137	VV	2468	48899	1.00%	0.152%
134	9.143	9.137	9.166	VV	1808	16652	0.34%	0.052%
135	9.182	9.166	9.198	VV	738	9352	0.19%	0.029%
136	9.202	9.198	9.209	VV	406	2018	0.04%	0.006%
137	9.238	9.209	9.254	VV	1084	18176	0.37%	0.057%
138	9.273	9.254	9.299	VV	2187	29122	0.59%	0.091%
139	9.321	9.299	9.347	VV	1026	18726	0.38%	0.058%
140	9.374	9.347	9.402	VV	1694	25865	0.53%	0.080%
141	9.420	9.402	9.437	VV	934	13342	0.27%	0.041%
142	9.458	9.437	9.505	VV	2132	37310	0.76%	0.116%
143	9.509	9.505	9.514	VV	324	1207	0.02%	0.004%
144	9.532	9.514	9.544	VV	2010	23177	0.47%	0.072%
145	9.557	9.544	9.575	VV	2196	27833	0.57%	0.087%
146	9.589	9.575	9.595	VV	1024	10934	0.22%	0.034%
147	9.606	9.595	9.619	VV	1121	13419	0.27%	0.042%
148	9.637	9.619	9.654	VV	2130	30100	0.61%	0.094%
149	9.665	9.654	9.679	VV	984	12875	0.26%	0.040%
150	9.703	9.679	9.715	VV	2824	38922	0.79%	0.121%
151	9.734	9.715	9.762	VV	24139	248692	5.06%	0.774%
152	9.780	9.762	9.809	VV	1748	29923	0.61%	0.093%
153	9.830	9.809	9.847	VV	996	17688	0.36%	0.055%
154	9.874	9.847	9.920	VV	1818	42503	0.87%	0.132%
155	9.942	9.920	9.972	VV	1278	22103	0.45%	0.069%

rteres

156	9.976	9.972	9.997	VV	557	5747	0.12%	0.018%
157	10.041	9.997	10.048	VV	973	15019	0.31%	0.047%
158	10.058	10.048	10.086	VV	1011	13151	0.27%	0.041%
159	10.094	10.086	10.106	VV	526	4209	0.09%	0.013%
160	10.112	10.106	10.125	VV	258	2109	0.04%	0.007%
161	10.142	10.125	10.159	VV	534	7567	0.15%	0.024%
162	10.188	10.159	10.218	VV	978	23186	0.47%	0.072%
163	10.229	10.218	10.242	VV	649	7777	0.16%	0.024%
164	10.259	10.242	10.277	VV	943	14714	0.30%	0.046%
165	10.315	10.277	10.329	VV	2346	44115	0.90%	0.137%
166	10.336	10.329	10.360	VV	1792	23321	0.47%	0.073%
167	10.378	10.360	10.418	VV	2700	53095	1.08%	0.165%
168	10.426	10.418	10.435	VV	781	6194	0.13%	0.019%
169	10.455	10.435	10.480	VV	1634	32582	0.66%	0.101%
170	10.505	10.480	10.545	VV	3608	64839	1.32%	0.202%
171	10.550	10.545	10.573	VV	1150	14503	0.30%	0.045%
172	10.603	10.573	10.610	VV	1483	27425	0.56%	0.085%
173	10.623	10.610	10.638	VV	2288	27195	0.55%	0.085%
174	10.660	10.638	10.684	VV	3053	54508	1.11%	0.170%
175	10.701	10.684	10.713	VV	1921	32133	0.65%	0.100%
176	10.724	10.713	10.746	VV	2259	34979	0.71%	0.109%
177	10.755	10.746	10.771	VV	1573	17668	0.36%	0.055%
178	10.787	10.771	10.809	VV	1287	23631	0.48%	0.074%
179	10.823	10.809	10.832	VV	1545	16477	0.34%	0.051%
180	10.855	10.832	10.894	VV	30709	335512	6.83%	1.044%
181	10.898	10.894	10.906	VV	988	5672	0.12%	0.018%
182	10.929	10.906	10.964	VV	5427	72999	1.49%	0.227%
183	10.967	10.964	10.974	VV	724	3950	0.08%	0.012%
184	10.978	10.974	11.009	VV	786	13923	0.28%	0.043%
185	11.033	11.009	11.055	VV	970	21508	0.44%	0.067%
186	11.061	11.055	11.078	VV	687	7646	0.16%	0.024%
187	11.084	11.078	11.097	VV	664	6061	0.12%	0.019%
188	11.103	11.097	11.118	VV	587	6447	0.13%	0.020%
189	11.141	11.118	11.156	VV	4527	54537	1.11%	0.170%
190	11.165	11.156	11.184	VV	1920	21994	0.45%	0.068%
191	11.214	11.184	11.228	VV	1434	27208	0.55%	0.085%
192	11.246	11.228	11.287	VV	2148	49092	1.00%	0.153%
193	11.304	11.287	11.320	VV	1480	21437	0.44%	0.067%
194	11.377	11.320	11.418	VV	2846	97662	1.99%	0.304%
195	11.458	11.418	11.479	VV	3050	48932	1.00%	0.152%
196	11.505	11.479	11.524	VV	2096	33811	0.69%	0.105%
197	11.545	11.524	11.573	VV	1782	30665	0.62%	0.095%
198	11.586	11.573	11.591	VV	789	7485	0.15%	0.023%
199	11.627	11.591	11.649	VV	463019	4911381	100.00%	15.276%

rteres

200	11.657	11.649	11.671	VV	10874	102548	2.09%	0.319%
201	11.687	11.671	11.710	VV	14518	165410	3.37%	0.514%
202	11.771	11.710	11.787	VV	5235	125148	2.55%	0.389%
203	11.805	11.787	11.821	VV	6339	78519	1.60%	0.244%
204	11.836	11.821	11.865	VV	6665	81879	1.67%	0.255%
205	11.908	11.865	11.925	VV	1097	28177	0.57%	0.088%
206	11.972	11.925	11.984	VV	2627	54470	1.11%	0.169%
207	12.020	11.984	12.050	VV	6401	141324	2.88%	0.440%
208	12.058	12.050	12.084	VV	2275	34604	0.70%	0.108%
209	12.088	12.084	12.101	VV	1013	9228	0.19%	0.029%
210	12.126	12.101	12.167	VV	7210	108690	2.21%	0.338%
211	12.215	12.167	12.250	VV	57708	695971	14.17%	2.165%
212	12.271	12.250	12.291	VV	2303	44072	0.90%	0.137%
213	12.301	12.291	12.319	VV	1138	15806	0.32%	0.049%
214	12.330	12.319	12.344	VV	1445	18290	0.37%	0.057%
215	12.357	12.344	12.363	VV	1508	16270	0.33%	0.051%
216	12.378	12.363	12.387	VV	2091	26762	0.54%	0.083%
217	12.399	12.387	12.421	VV	2584	34408	0.70%	0.107%
218	12.445	12.421	12.455	VV	5513	66233	1.35%	0.206%
219	12.462	12.455	12.487	VV	4865	67503	1.37%	0.210%
220	12.501	12.487	12.532	VV	3520	63192	1.29%	0.197%
221	12.554	12.532	12.575	VV	8868	123544	2.52%	0.384%
222	12.589	12.575	12.601	VV	3864	48510	0.99%	0.151%
223	12.615	12.601	12.642	VV	4601	69957	1.42%	0.218%
224	12.668	12.642	12.724	VV	63896	738341	15.03%	2.297%
225	12.732	12.724	12.750	VV	796	9671	0.20%	0.030%
226	12.765	12.750	12.774	VV	842	9525	0.19%	0.030%
227	12.805	12.774	12.816	VV	3201	50456	1.03%	0.157%
228	12.827	12.816	12.842	VV	3524	39196	0.80%	0.122%
229	12.860	12.842	12.869	VV	3539	44204	0.90%	0.137%
230	12.884	12.869	12.899	VV	4087	61157	1.25%	0.190%
231	12.903	12.899	12.919	VV	2351	23495	0.48%	0.073%
232	12.925	12.919	12.938	VV	1236	13004	0.26%	0.040%
233	12.965	12.938	12.990	VV	58198	638599	13.00%	1.986%
234	13.023	12.990	13.030	VV	4634	74880	1.52%	0.233%
235	13.055	13.030	13.087	VV	113144	1311194	26.70%	4.078%
236	13.105	13.087	13.125	VV	1481	26042	0.53%	0.081%
237	13.139	13.125	13.162	VV	3131	40022	0.81%	0.124%
238	13.172	13.162	13.193	VV	764	8494	0.17%	0.026%
239	13.234	13.193	13.252	VV	4373	69803	1.42%	0.217%
240	13.273	13.252	13.285	VV	3362	52938	1.08%	0.165%
241	13.296	13.285	13.330	VV	3354	51205	1.04%	0.159%
242	13.363	13.330	13.380	VV	3444	48441	0.99%	0.151%

rteres

243	13.395	13.380	13.401	VV	1851	20895	0.43%	0.065%
244	13.443	13.401	13.495	VV	33204	498585	10.15%	1.551%
245	13.552	13.495	13.593	VV	13044	241366	4.91%	0.751%
246	13.622	13.593	13.640	VV	3021	46079	0.94%	0.143%
247	13.662	13.640	13.682	VV	5516	85805	1.75%	0.267%
248	13.700	13.682	13.725	VV	7410	94751	1.93%	0.295%
249	13.755	13.725	13.772	VV	2138	46186	0.94%	0.144%
250	13.807	13.772	13.812	VV	3632	58469	1.19%	0.182%
251	13.829	13.812	13.852	VV	6452	94972	1.93%	0.295%
252	13.871	13.852	13.915	VV	5160	74674	1.52%	0.232%
253	13.945	13.915	13.961	VV	1378	21097	0.43%	0.066%
254	13.982	13.961	13.993	VV	793	11896	0.24%	0.037%
255	14.011	13.993	14.022	VV	977	13608	0.28%	0.042%
256	14.040	14.022	14.045	VV	711	8686	0.18%	0.027%
257	14.053	14.045	14.103	VV	693	17249	0.35%	0.054%
258	14.138	14.114	14.159	VV	1328	16955	0.35%	0.053%
259	14.165	14.159	14.171	VV	495	2661	0.05%	0.008%
260	14.191	14.171	14.209	VV	1197	16205	0.33%	0.050%
261	14.244	14.209	14.265	VV	5521	99210	2.02%	0.309%
262	14.282	14.265	14.320	VV	9603	131966	2.69%	0.410%
263	14.334	14.320	14.342	VV	1011	10376	0.21%	0.032%
264	14.365	14.342	14.373	VV	2344	32197	0.66%	0.100%
265	14.388	14.373	14.425	VV	2852	58354	1.19%	0.182%
266	14.464	14.425	14.490	VV	6970	137878	2.81%	0.429%
267	14.495	14.490	14.505	VV	1978	17113	0.35%	0.053%
268	14.528	14.505	14.549	VV	11737	150424	3.06%	0.468%
269	14.585	14.549	14.613	VV	6510	106697	2.17%	0.332%
270	14.653	14.613	14.660	VV	1548	23254	0.47%	0.072%
271	14.687	14.660	14.697	VV	2232	38292	0.78%	0.119%
272	14.713	14.697	14.769	VV	2638	56495	1.15%	0.176%
273	14.792	14.769	14.812	VV	1548	25738	0.52%	0.080%
274	14.836	14.812	14.856	VV	34926	403185	8.21%	1.254%
275	14.878	14.856	14.902	VV	39081	466688	9.50%	1.452%
276	14.926	14.902	14.952	VV	3405	65080	1.33%	0.202%
277	14.997	14.952	15.025	VV	7393	140795	2.87%	0.438%
278	15.042	15.025	15.055	VV	1974	30013	0.61%	0.093%
279	15.075	15.055	15.108	VV	3148	52325	1.07%	0.163%
280	15.138	15.108	15.165	VV	4158	84949	1.73%	0.264%
281	15.175	15.165	15.235	VV	3066	65121	1.33%	0.203%
282	15.241	15.235	15.245	VV	253	1165	0.02%	0.004%
283	15.280	15.245	15.307	VV	16968	231025	4.70%	0.719%
284	15.320	15.307	15.366	VV	2134	41103	0.84%	0.128%
285	15.375	15.366	15.385	VV	779	8046	0.16%	0.025%

rteres

286	15.442	15.385	15.455	VV	3648	74114	1.51%	0.231%
287	15.468	15.455	15.478	VV	2844	35807	0.73%	0.111%
288	15.509	15.478	15.529	VV	12265	178759	3.64%	0.556%
289	15.545	15.529	15.569	VV	6762	88995	1.81%	0.277%
290	15.587	15.569	15.601	VV	1852	28241	0.58%	0.088%
291	15.622	15.601	15.630	VV	2168	30328	0.62%	0.094%
292	15.671	15.630	15.714	VV	6202	177905	3.62%	0.553%
293	15.750	15.714	15.770	VV	2319	44967	0.92%	0.140%
294	15.792	15.770	15.811	VV	1530	24458	0.50%	0.076%
295	15.831	15.811	15.846	VV	2771	34790	0.71%	0.108%
296	15.859	15.846	15.889	VV	1492	21585	0.44%	0.067%
297	15.925	15.889	15.964	VV	2261	50610	1.03%	0.157%
298	15.980	15.964	16.000	VV	642	9310	0.19%	0.029%
299	16.009	16.000	16.022	VV	605	5566	0.11%	0.017%
300	16.037	16.022	16.054	VV	718	8392	0.17%	0.026%
301	16.064	16.054	16.080	VV	375	2860	0.06%	0.009%
302	16.112	16.080	16.132	VV	3272	52482	1.07%	0.163%
303	16.143	16.132	16.160	VV	1917	21425	0.44%	0.067%
304	16.180	16.160	16.195	VV	1231	19630	0.40%	0.061%
305	16.214	16.195	16.244	VV	1993	38477	0.78%	0.120%
306	16.256	16.244	16.265	VV	1297	14611	0.30%	0.045%
307	16.314	16.265	16.340	VV	4558	111503	2.27%	0.347%
308	16.389	16.340	16.407	VV	40566	575160	11.71%	1.789%
309	16.416	16.407	16.456	VV	18133	214690	4.37%	0.668%
310	16.487	16.456	16.504	VV	12591	168450	3.43%	0.524%
311	16.519	16.504	16.545	VV	7962	118136	2.41%	0.367%
312	16.558	16.545	16.600	VV	2306	41362	0.84%	0.129%
313	16.638	16.600	16.654	VV	1885	28232	0.57%	0.088%
314	16.708	16.654	16.736	VV	24869	378839	7.71%	1.178%
315	16.765	16.736	16.819	VV	34033	429553	8.75%	1.336%
316	16.868	16.819	16.897	VV	9376	136341	2.78%	0.424%
317	16.918	16.897	16.963	VV	2986	60433	1.23%	0.188%
318	17.009	16.963	17.057	VV	3651	112785	2.30%	0.351%
319	17.070	17.057	17.093	VV	1195	15685	0.32%	0.049%
320	17.134	17.093	17.194	PV	4539	127199	2.59%	0.396%
321	17.230	17.203	17.244	VV	2584	34877	0.71%	0.108%
322	17.265	17.244	17.282	VV	3745	58060	1.18%	0.181%
323	17.291	17.282	17.304	VV	3089	32648	0.66%	0.102%
324	17.319	17.304	17.332	VV	2562	33533	0.68%	0.104%
325	17.347	17.332	17.366	VV	2560	37839	0.77%	0.118%
326	17.378	17.366	17.392	VV	1419	17508	0.36%	0.054%
327	17.422	17.392	17.448	VV	2875	54268	1.10%	0.169%
328	17.464	17.448	17.504	VV	1518	27329	0.56%	0.085%
329	17.541	17.504	17.565	VV	1069	25850	0.53%	0.080%

rteres

330	17.569	17.565	17.588	VV	526	4364	0.09%	0.014%
331	17.606	17.588	17.625	VV	830	9613	0.20%	0.030%
332	17.640	17.625	17.658	VV	495	5165	0.11%	0.016%
333	17.686	17.658	17.695	PV	1488	20594	0.42%	0.064%
334	17.707	17.695	17.711	VV	1506	12353	0.25%	0.038%
335	17.754	17.711	17.780	VV	4612	103479	2.11%	0.322%
336	17.814	17.780	17.830	VV	2010	34373	0.70%	0.107%
337	17.856	17.830	17.875	VV	2746	48896	1.00%	0.152%
338	17.895	17.875	17.907	VV	2428	34240	0.70%	0.106%
339	17.920	17.907	17.950	VV	2446	45507	0.93%	0.142%
340	17.970	17.950	18.007	VV	1574	32654	0.66%	0.102%
341	18.038	18.007	18.058	VV	6628	92310	1.88%	0.287%
342	18.064	18.058	18.082	VV	2014	20421	0.42%	0.064%
343	18.126	18.082	18.150	VV	23282	405200	8.25%	1.260%
344	18.172	18.150	18.200	VV	10529	174155	3.55%	0.542%
345	18.213	18.200	18.234	VV	2472	32139	0.65%	0.100%
346	18.261	18.234	18.275	VV	5323	77050	1.57%	0.240%
347	18.291	18.275	18.352	VV	7248	119088	2.42%	0.370%
348	18.379	18.352	18.409	PV	19560	240832	4.90%	0.749%
349	18.424	18.409	18.432	VV	372	2939	0.06%	0.009%
350	18.465	18.432	18.481	PV	996	11131	0.23%	0.035%

Sum of corrected areas: 32150275

Aromatic EPH 081125.M Wed Aug 13 00:54:37 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069635.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 11:48
Operator : YP/AJ
Sample : PB169209BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BL

Integration File: autoint1.e
Quant Time: Aug 13 01:15:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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			
12) S 1-chlorooctadecane (S...	13.103	4679875	42.925 ug/ml
Spiked Amount 50.000		Recovery = 85.85%	
Target Compounds			

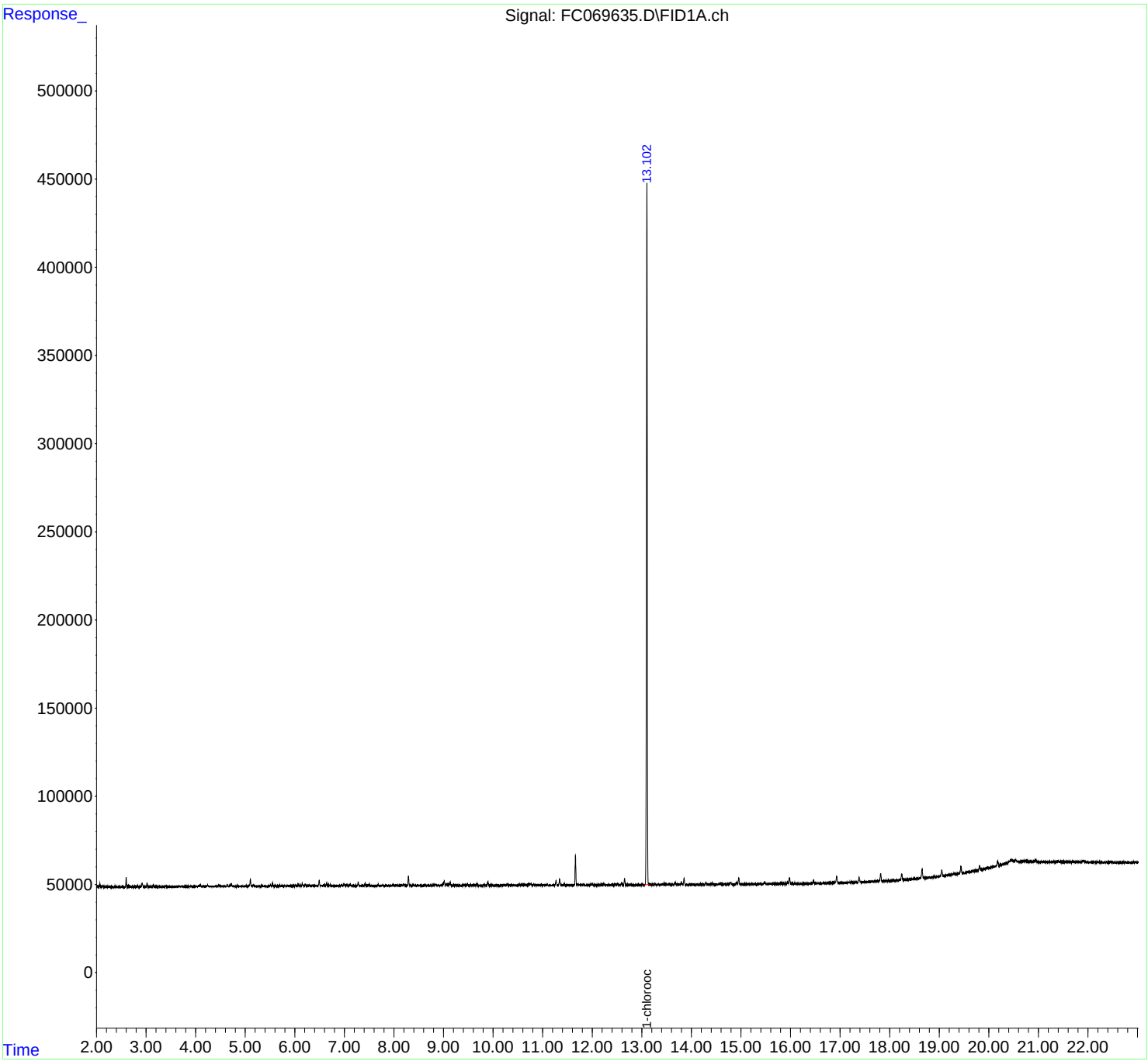
(f)=RT Delta > 1/2 Window (m)=manual int.

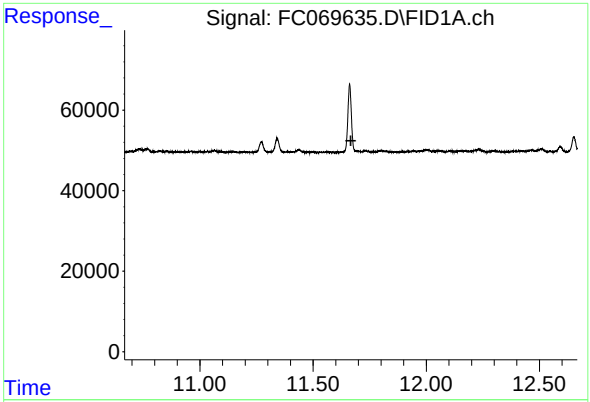
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069635.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 11:48
Operator : YP/AJ
Sample : PB169209BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BL

Integration File: autoint1.e
Quant Time: Aug 13 01:15:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

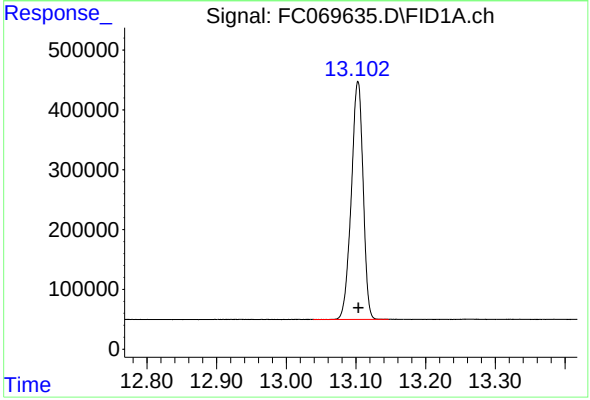




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.667 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
PB169209BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 4679875
Conc: 42.93 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069635.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 11:48
Sample : PB169209BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.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	13.103	13.039	13.147	BB	397802	4679875	100.00%	100.000%
			Sum of corrected areas:			4679875		

Aliphatic EPH 080125.M Wed Aug 13 03:31:18 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049616.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 11:48
Operator : YP/AJ
Sample : PB169209BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169209BL

Integration File: autoint1.e
Quant Time: Aug 13 00:28:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.715	4171725	40.705 ug/ml
Spiked Amount 50.000		Recovery =	81.41%
6) S 2-Flurobiphenyl (SURR)	8.580	3003131	41.113 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery =	82.23%
11) S ortho-Terphenyl (SURR)	11.628	5836993	44.971 ug/ml
Spiked Amount 50.000		Recovery =	89.94%
Target Compounds			

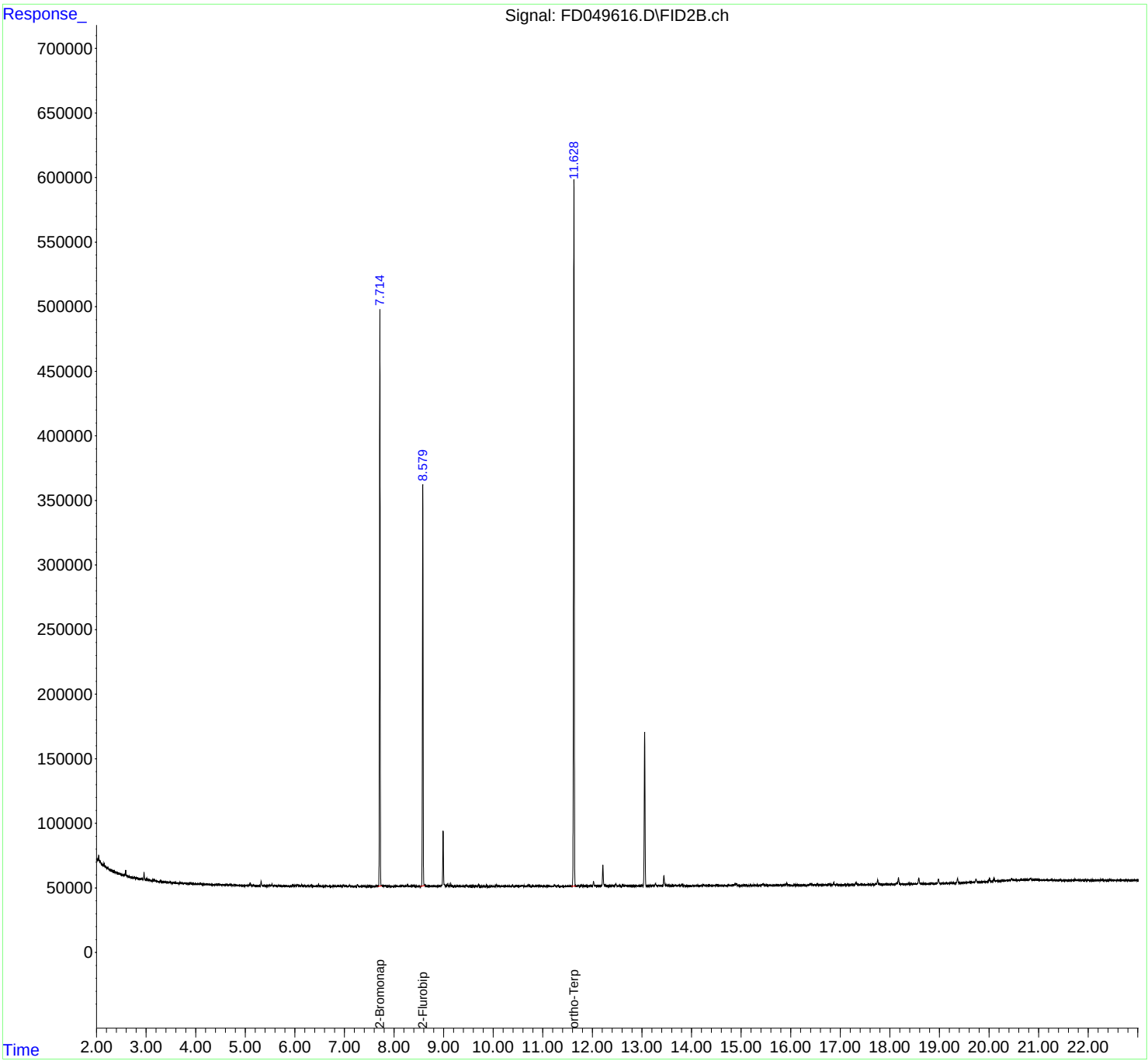
(f)=RT Delta > 1/2 Window (m)=manual int.

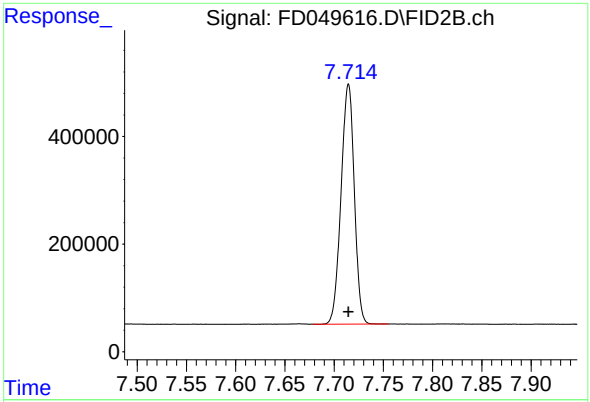
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049616.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 11:48
Operator : YP/AJ
Sample : PB169209BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169209BL

Integration File: autoint1.e
Quant Time: Aug 13 00:28:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

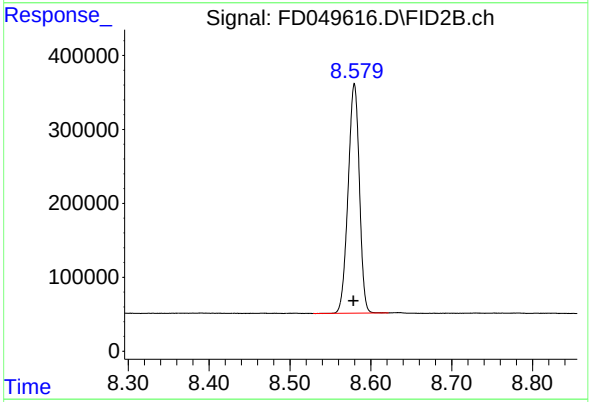




#4 2-Bromonaphthalene (SURR)

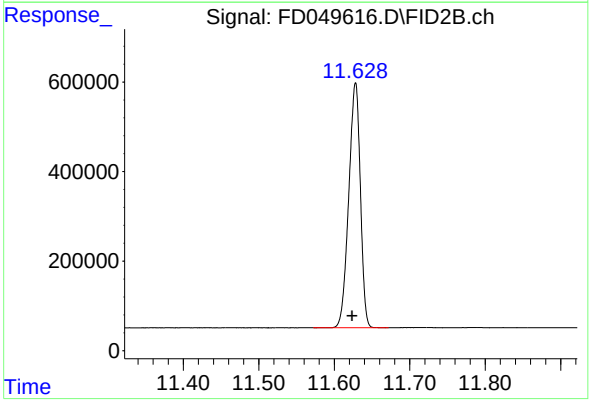
R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 4171725
Conc: 40.70 ug/ml

Instrument :
FID_D
ClientSampleId :
PB169209BL



#6 2-Flurobiphenyl (SURR)

R.T.: 8.580 min
Delta R.T.: 0.001 min
Response: 3003131
Conc: 41.11 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: 0.005 min
Response: 5836993
Conc: 44.97 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049616.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 11:48
Sample : PB169209BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.715	7.679	7.755	BB	447130	4171725	71.47%	32.061%
2	8.580	8.529	8.622	BB	310447	3003131	51.45%	23.080%
3	11.628	11.572	11.672	BB	548133	5836993	100.00%	44.859%
			Sum of corrected areas:			13011850		

Aromatic EPH 081125.M Wed Aug 13 00:49:55 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069636.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 12:34
Operator : YP/AJ
Sample : PB169209BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BS

Integration File: autoint1.e
Quant Time: Aug 13 01:15:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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			
12) S	1-chlorooctadecane (S...	13.103	4990692	45.776 ug/ml
Spiked Amount	50.000		Recovery =	91.55%
	Target Compounds			
1) T	n-Nonane (C9)	3.396	3273808	22.979 ug/ml
2) T	n-Decane (C10)	4.470	4368409	30.048 ug/ml
4) T	n-Dodecane (C12)	6.496	5287303	36.169 ug/ml
6) T	n-Tetradecane (C14)	8.296	5806783	40.689 ug/ml
7) T	n-Hexadecane (C16)	9.900	6008758	41.681 ug/ml
8) T	n-Octadecane (C18)	11.345	6064340	42.884 ug/ml
10) T	n-Eicosane (C20)	12.657	6419465	48.733 ug/ml
11) T	n-Heneicosane (C21)	13.270	6106100	47.875 ug/ml
13) T	n-Docosane (C22)	13.857	6025633	48.236 ug/ml
14) T	n-Tetracosane (C24)	14.963	5817929	48.213 ug/ml
15) T	n-Hexacosane (C26)	15.984	5560715	48.124 ug/ml
16) T	n-Octacosane (C28)	16.936	5397795	48.156 ug/ml
17) T	n-Tricontane (C30)	17.825	5426363	47.393 ug/ml
18) T	n-Dotriacontane (C32)	18.658	5345998	48.127 ug/ml
19) T	n-Tetratriacontane (C34)	19.443	5162355	50.699 ug/ml
20) T	n-Hexatriacontane (C36)	20.186	4861513	54.523 ug/ml
21) T	n-Octatriacontane (C38)	20.952	4697052	58.390 ug/ml
22) T	n-Tetracontane (C40)	21.914	4538390	60.607 ug/ml

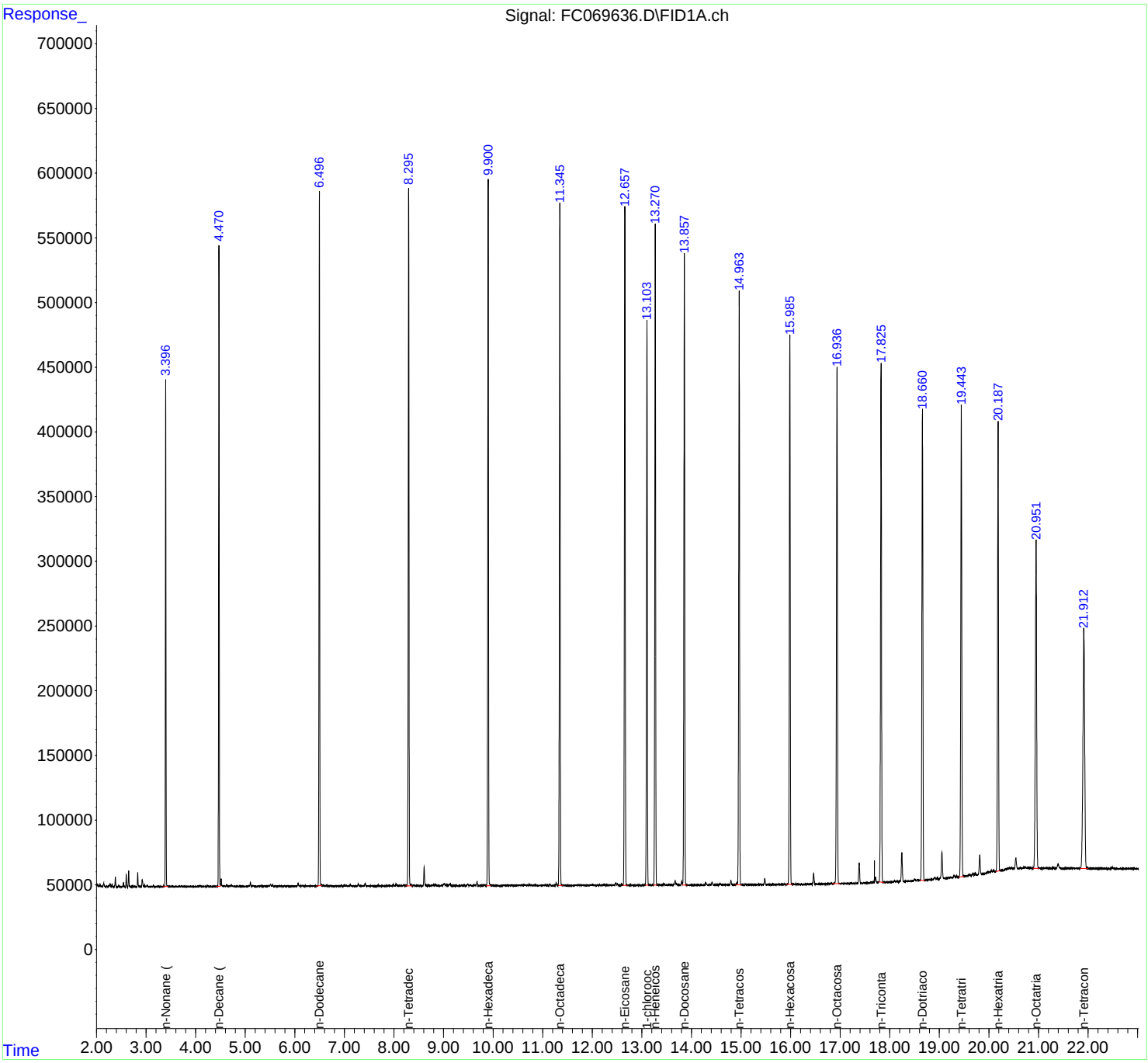
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069636.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 12:34
Operator : YP/AJ
Sample : PB169209BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BS

Integration File: autoint1.e
Quant Time: Aug 13 01:15:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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\FC081225AL\
Data File : FC069636.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 12:34
Sample : PB169209BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.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	3.396	3.345	3.449	BB	392563	3273808	51.00%	3.236%
2	4.470	4.414	4.497	BV	495863	4368409	68.05%	4.318%
3	6.496	6.434	6.550	BB	535841	5287303	82.36%	5.227%
4	8.296	8.244	8.369	BB	538725	5806783	90.46%	5.740%
5	9.900	9.859	9.957	BB	545420	6008758	93.60%	5.940%
6	11.345	11.310	11.410	BB	526441	6064340	94.47%	5.995%
7	12.657	12.615	12.710	VB	525032	6419465	100.00%	6.346%
8	13.103	13.062	13.137	BB	436297	4990692	77.74%	4.933%
9	13.270	13.227	13.305	BB	511183	6106100	95.12%	6.036%
10	13.857	13.821	13.914	VB	486949	6025633	93.87%	5.957%
11	14.963	14.882	15.017	BB	459724	5817929	90.63%	5.751%
12	15.984	15.909	16.047	BB	422493	5560715	86.62%	5.497%
13	16.936	16.842	17.000	BB	400437	5397795	84.08%	5.336%
14	17.825	17.780	17.874	BB	401366	5426363	84.53%	5.364%
15	18.658	18.610	18.714	BB	360322	5345998	83.28%	5.285%
16	19.443	19.400	19.504	BB	364554	5162355	80.42%	5.103%
17	20.186	20.140	20.225	BV	344747	4861513	75.73%	4.806%
18	20.952	20.890	21.019	BB	254177	4697052	73.17%	4.643%
19	21.914	21.840	22.000	BB	184251	4538390	70.70%	4.486%

Sum of corrected areas: 101159399

Aliphatic EPH 080125.M Wed Aug 13 03:32:21 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049617.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 12:34
Operator : YP/AJ
Sample : PB169209BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169209BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4)	S 2-Bromonaphthalene (S...	7.716	6106769	59.586 ug/ml
	Spiked Amount 50.000		Recovery = 119.17%	
6)	S 2-Flurobiphenyl (SURR)	8.582	4259317	58.310 ug/ml
	Spiked Amount 50.000 Range 0 - 131		Recovery = 116.62%	
11)	S ortho-Terphenyl (SURR)	11.629	6244860	48.113 ug/ml
	Spiked Amount 50.000		Recovery = 96.23%	
	Target Compounds			
1)	T 1,2,3-Trimethylbenzen...	4.507	3765450	37.201 ug/ml
2)	T Naphthalene (C11.7)	6.051	4807863	41.932 ug/ml
3)	T 2-Methylnaphthalene (...	7.105	4863886	40.773 ug/ml
5)	T Acenaphthylene (C15.06)	8.385	5876953	46.749 ug/ml
7)	T Acenaphthene (C15.5)	8.682	5972322	47.499 ug/ml
8)	T Flouorene (C16.55)	9.464	6381063	50.400 ug/ml
9)	T Phenanthrene (C19.36)	10.863	6504134	50.350 ug/ml
10)	T Anthracene (C19.43)	10.938	5634301	45.735 ug/ml
12)	T Fluoranthene (C21.85)	12.678	6597092	51.533 ug/ml
13)	T Pyrene (C20.8)	12.976	6458871	50.871 ug/ml
14)	T Benzo[a]anthracene (C...	14.849	6109228	52.942 ug/ml
15)	T Chrysene (C27.41)	14.893	6654389	56.835 ug/ml
16)	T benzo[b]fluoranthene ...	16.400	5988801	52.656 ug/ml
17)	T Bnezo[k]fluoranthene ...	16.436	5830935	54.471 ug/mlm
18)	T Benzo[a]pyrene (C31.34)	16.780	5545905	49.992 ug/ml
19)	T Indeno[1,2,3-cd]pyren...	18.147	5700600	55.304 ug/ml
20)	T Dibenz[a,h]anthracene...	18.185	5348233	49.067 ug/ml
21)	T Benzo[g,h,i]perylene ...	18.404	5157050	47.193 ug/ml

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

Sample Results: **FD049617.D**

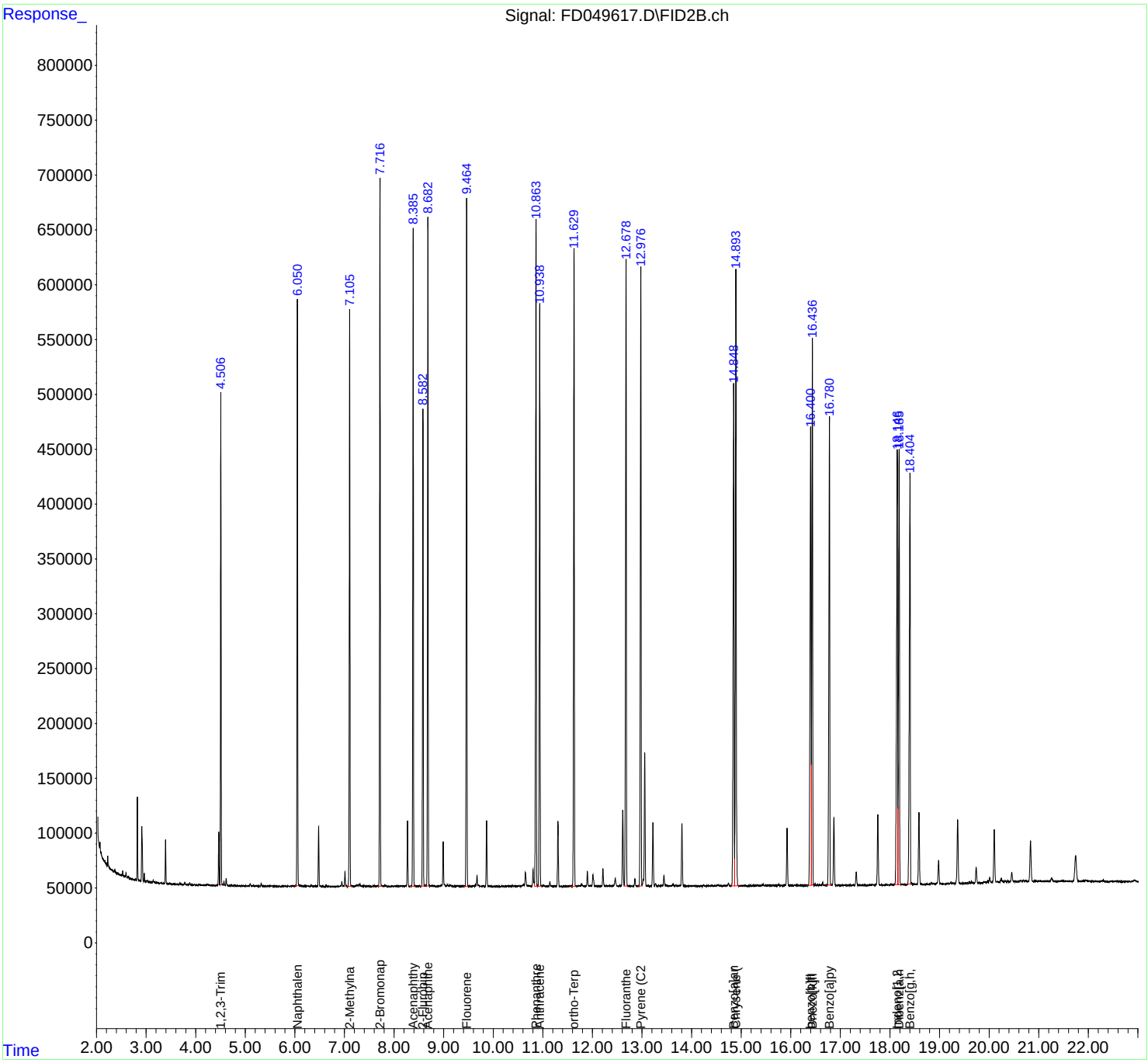
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049617.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 12:34
Operator : YP/AJ
Sample : PB169209BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169209BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :
FID_D
ClientSampleId :
PB169209BS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Da
Data File : FD049617.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 12:34
Sample : PB169209BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.507	4.484	4.532	PV	448954	3765450	56.59%	3.143%
2	6.051	5.994	6.083	BB	532678	4807863	72.25%	4.013%
3	7.105	7.050	7.150	BB	526223	4863886	73.09%	4.060%
4	7.716	7.680	7.765	BB	646787	6106769	91.77%	5.097%
5	8.385	8.334	8.435	BB	599994	5876953	88.32%	4.905%
6	8.582	8.529	8.609	BB	434582	4259317	64.01%	3.555%
7	8.682	8.623	8.710	BB	610995	5972322	89.75%	4.985%
8	9.464	9.405	9.498	BB	628506	6381063	95.89%	5.326%
9	10.863	10.832	10.902	VV	607893	6504134	97.74%	5.429%
10	10.938	10.902	10.984	PB	532822	5634301	84.67%	4.703%
11	11.629	11.565	11.677	BB	579704	6244860	93.85%	5.212%
12	12.678	12.641	12.710	VB	572278	6597092	99.14%	5.506%
13	12.976	12.919	13.001	BV	563294	6458871	97.06%	5.391%
14	14.849	14.785	14.867	BV	457212	6109228	91.81%	5.099%
15	14.893	14.867	14.957	VB	561426	6654389	100.00%	5.554%
16	16.400	16.334	16.415	BV	418142	5988801	90.00%	4.999%
17	16.436	16.415	16.465	VV	500870	5833234	87.66%	4.869%
18	16.780	16.707	16.825	BB	427417	5545905	83.34%	4.629%
19	18.147	18.084	18.161	BV	396269	5700600	85.67%	4.758%
20	18.185	18.161	18.232	VB	396631	5348233	80.37%	4.464%
21	18.404	18.335	18.427	BV	373703	5157050	77.50%	4.304%

Sum of corrected areas: 119810321

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069637.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 13:21
Operator : YP/AJ
Sample : PB169209BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BSD

Integration File: autoint1.e
Quant Time: Aug 13 01:16:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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			
12) S	1-chlorooctadecane (S...	13.103	4948752	45.392 ug/ml
Spiked Amount	50.000		Recovery =	90.78%
	Target Compounds			
1) T	n-Nonane (C9)	3.393	3268470	22.941 ug/ml
2) T	n-Decane (C10)	4.468	4364359	30.020 ug/ml
4) T	n-Dodecane (C12)	6.495	5280537	36.122 ug/ml
6) T	n-Tetradecane (C14)	8.295	5779732	40.500 ug/ml
7) T	n-Hexadecane (C16)	9.900	5962915	41.363 ug/ml
8) T	n-Octadecane (C18)	11.345	6011267	42.509 ug/ml
10) T	n-Eicosane (C20)	12.657	6358885	48.273 ug/ml
11) T	n-Heneicosane (C21)	13.270	6049895	47.434 ug/ml
13) T	n-Docosane (C22)	13.857	5968585	47.779 ug/ml
14) T	n-Tetracosane (C24)	14.963	5767749	47.797 ug/ml
15) T	n-Hexacosane (C26)	15.985	5520907	47.779 ug/ml
16) T	n-Octacosane (C28)	16.937	5365368	47.867 ug/ml
17) T	n-Tricontane (C30)	17.826	5416508	47.307 ug/ml
18) T	n-Dotriacontane (C32)	18.658	5351918	48.180 ug/ml
19) T	n-Tetratriacontane (C34)	19.444	5166039	50.735 ug/ml
20) T	n-Hexatriacontane (C36)	20.185	4857632	54.479 ug/ml
21) T	n-Octatriacontane (C38)	20.950	4683338	58.220 ug/ml
22) T	n-Tetracontane (C40)	21.915	4528869	60.480 ug/ml

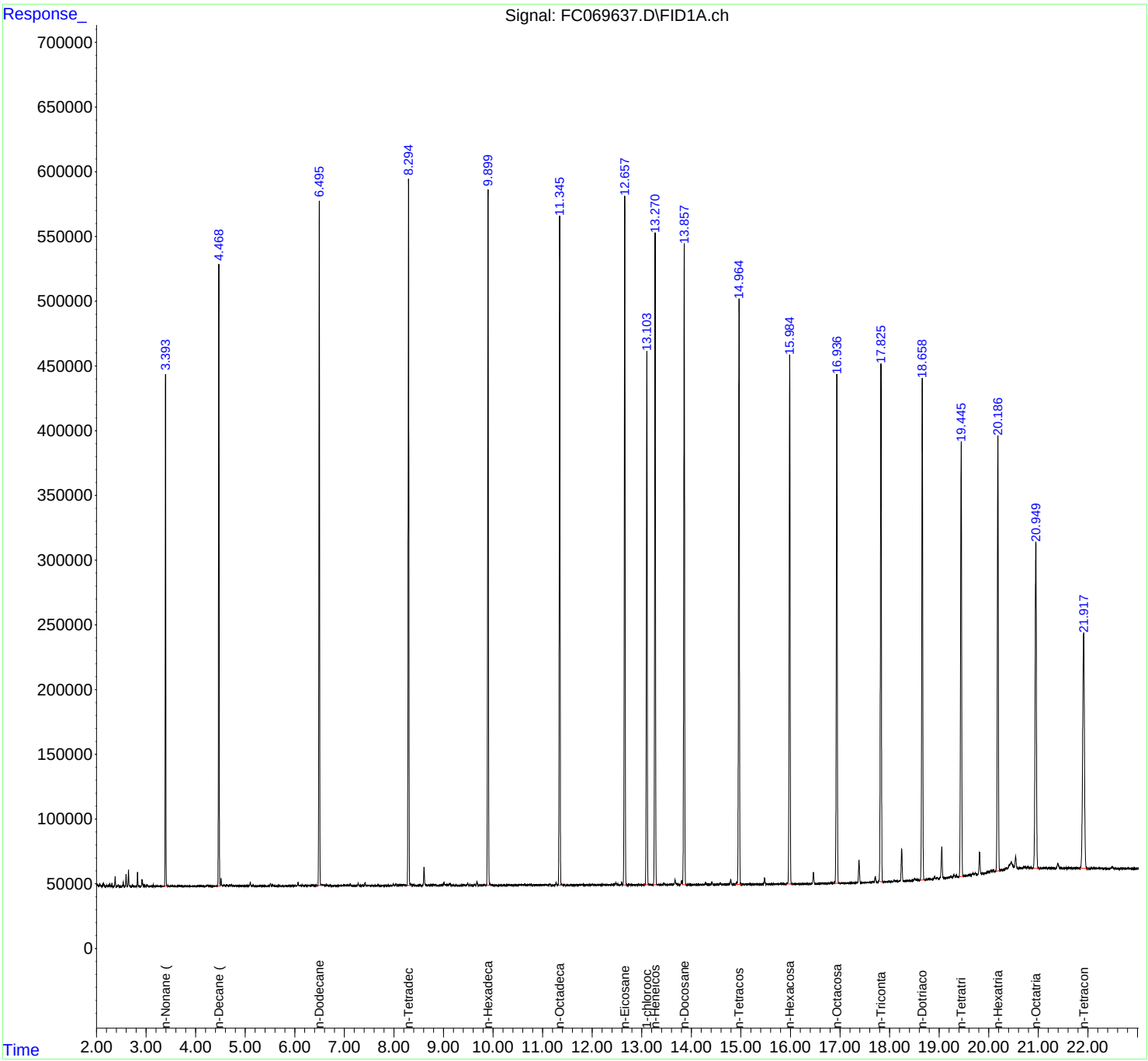
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069637.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 13:21
Operator : YP/AJ
Sample : PB169209BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BSD

Integration File: autoint1.e
Quant Time: Aug 13 01:16:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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\FC081225AL\
Data File : FC069637.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 13:21
Sample : PB169209BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.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	3.393	3.342	3.442	BB	396229	3268470	51.40%	3.247%
2	4.468	4.410	4.497	BV	481120	4364359	68.63%	4.336%
3	6.495	6.445	6.557	BB	528734	5280537	83.04%	5.246%
4	8.295	8.242	8.365	BB	545922	5779732	90.89%	5.742%
5	9.900	9.860	9.959	BB	535645	5962915	93.77%	5.924%
6	11.345	11.310	11.402	BB	518321	6011267	94.53%	5.972%
7	12.657	12.615	12.707	PB	533066	6358885	100.00%	6.318%
8	13.103	13.032	13.139	BB	412868	4948752	77.82%	4.917%
9	13.270	13.227	13.304	BB	504345	6049895	95.14%	6.011%
10	13.857	13.822	13.902	VB	494714	5968585	93.86%	5.930%
11	14.963	14.882	15.014	BB	448083	5767749	90.70%	5.730%
12	15.985	15.914	16.044	BB	409732	5520907	86.82%	5.485%
13	16.937	16.855	16.995	BB	392790	5365368	84.38%	5.331%
14	17.826	17.780	17.870	BB	400484	5416508	85.18%	5.381%
15	18.658	18.610	18.722	BB	388011	5351918	84.16%	5.317%
16	19.444	19.400	19.497	BB	332625	5166039	81.24%	5.133%
17	20.185	20.140	20.225	BV	335754	4857632	76.39%	4.826%
18	20.950	20.890	21.025	BB	252519	4683338	73.65%	4.653%
19	21.915	21.840	22.012	BB	180111	4528869	71.22%	4.500%

Sum of corrected areas: 100651724

Aliphatic EPH 080125.M Wed Aug 13 03:33:28 2025

Quantitation Report (QT Reviewed)

Sample Results: **FD049618.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049618.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 13:21
Operator : YP/AJ
Sample : PB169209BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169209BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:29:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	7.716	6002853	58.572 ug/ml
Spiked Amount	50.000		Recovery =	117.14%
6) S	2-Flurobiphenyl (SURR)	8.582	4201948	57.525 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	115.05%
11) S	ortho-Terphenyl (SURR)	11.628	6166738	47.511 ug/ml
Spiked Amount	50.000		Recovery =	95.02%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.505	3734822	36.898 ug/ml
2) T	Naphthalene (C11.7)	6.050	4742606	41.363 ug/ml
3) T	2-Methylnaphthalene (...	7.105	4778473	40.057 ug/ml
5) T	Acenaphthylene (C15.06)	8.385	5792223	46.075 ug/ml
7) T	Acenaphthene (C15.5)	8.682	5875929	46.732 ug/ml
8) T	Flouorene (C16.55)	9.464	6288391	49.668 ug/ml
9) T	Phenanthrene (C19.36)	10.863	6446399	49.903 ug/ml
10) T	Anthracene (C19.43)	10.938	5595750	45.423 ug/ml
12) T	Fluoranthene (C21.85)	12.679	6585128	51.440 ug/ml
13) T	Pyrene (C20.8)	12.977	6458445	50.868 ug/ml
14) T	Benzo[a]anthracene (C...	14.849	6181244	53.566 ug/ml
15) T	Chrysene (C27.41)	14.894	6717274	57.372 ug/ml
16) T	benzo[b]fluoranthene ...	16.401	6073723	53.403 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.437	5904550	55.158 ug/mlm
18) T	Benzo[a]pyrene (C31.34)	16.781	5652217	50.950 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.148	5839311	56.649 ug/ml
20) T	Dibenz[a,h]anthracene...	18.186	5503488	50.492 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.404	5265641	48.187 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049618.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 13:21
Operator : YP/AJ
Sample : PB169209BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

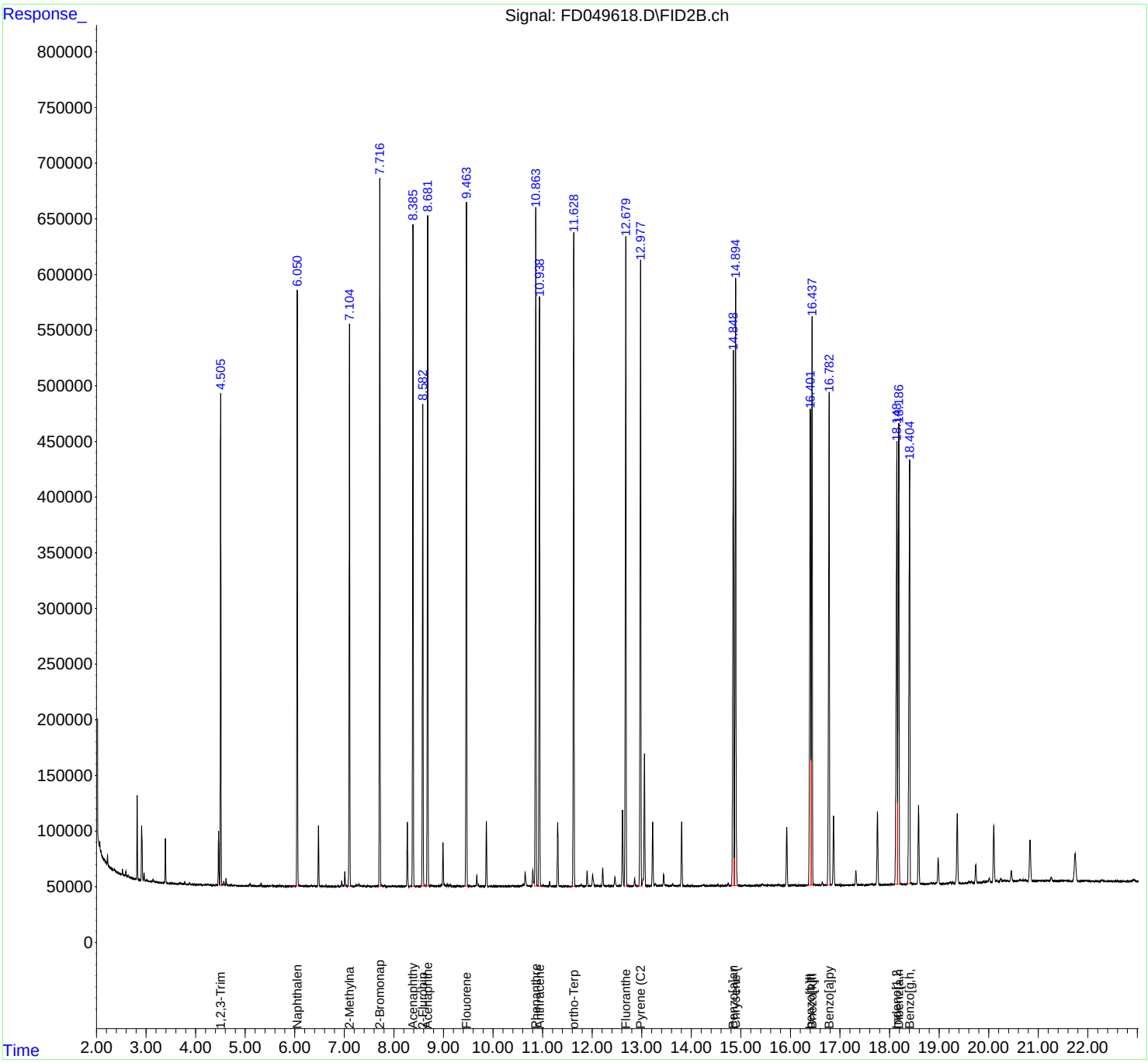
Instrument :
FID_D
ClientSampleId :
PB169209BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:29:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :
FID_D
ClientSampleId :
PB169209BSD

rteres

Area Percent

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Da
Data File : FD049618.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 13:21
Sample : PB169209BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.505	4.483	4.549	VV	441765	3734822	55.60%	3.116%
2	6.050	5.957	6.084	BV	535185	4742606	70.60%	3.957%
3	7.105	7.049	7.139	BB	505183	4778473	71.14%	3.987%
4	7.716	7.677	7.764	BB	639144	6002853	89.36%	5.009%
5	8.385	8.322	8.434	BB	594186	5792223	86.23%	4.833%
6	8.582	8.525	8.617	BB	432118	4201948	62.55%	3.506%
7	8.682	8.624	8.724	BB	602445	5875929	87.47%	4.903%
8	9.464	9.409	9.502	BB	613971	6288391	93.62%	5.247%
9	10.863	10.831	10.902	VV	613167	6446399	95.97%	5.379%
10	10.938	10.902	10.985	VB	532883	5595750	83.30%	4.669%
11	11.628	11.569	11.667	BB	587730	6166738	91.80%	5.145%
12	12.679	12.641	12.725	VV	579825	6585128	98.03%	5.494%
13	12.977	12.907	13.002	BV	562276	6458445	96.15%	5.389%
14	14.849	14.789	14.868	BV	480294	6181244	92.02%	5.157%
15	14.894	14.868	14.947	VB	543221	6717274	100.00%	5.605%
16	16.401	16.334	16.416	BV	427545	6073723	90.42%	5.068%
17	16.437	16.416	16.472	VV	510897	5949519	88.57%	4.964%
18	16.781	16.707	16.817	BB	444085	5652217	84.14%	4.716%
19	18.148	18.074	18.162	BV	398290	5839311	86.93%	4.872%
20	18.186	18.162	18.235	VB	416168	5503488	81.93%	4.592%
21	18.404	18.329	18.428	BV	381594	5265641	78.39%	4.393%

Sum of corrected areas: 119852123

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069640.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 15:46
Operator : YP/AJ
Sample : Q2743-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1MS

Integration File: autoint1.e
Quant Time: Aug 13 01:17:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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			
12) S	1-chlorooctadecane (S...	13.101	3412448	31.300 ug/ml
Spiked Amount	50.000		Recovery =	62.60%
	Target Compounds			
1) T	n-Nonane (C9)	3.396	2726633	19.138 ug/ml
2) T	n-Decane (C10)	4.469	3229967	22.217 ug/ml
4) T	n-Dodecane (C12)	6.495	3600634	24.631 ug/ml
6) T	n-Tetradecane (C14)	8.294	3751809	26.290 ug/ml
7) T	n-Hexadecane (C16)	9.899	3929382	27.257 ug/ml
8) T	n-Octadecane (C18)	11.344	3890945	27.515 ug/ml
10) T	n-Eicosane (C20)	12.655	3844452	29.185 ug/ml
11) T	n-Heneicosane (C21)	13.268	3648248	28.604 ug/ml
13) T	n-Docosane (C22)	13.855	3561222	28.508 ug/ml
14) T	n-Tetracosane (C24)	14.959	3434769	28.464 ug/ml
15) T	n-Hexacosane (C26)	15.982	3265237	28.258 ug/ml
16) T	n-Octacosane (C28)	16.933	3122669	27.859 ug/ml
17) T	n-Tricontane (C30)	17.822	3059533	26.722 ug/ml
18) T	n-Dotriacontane (C32)	18.655	3011182	27.108 ug/ml
19) T	n-Tetratriacontane (C34)	19.442	2958704	29.057 ug/ml
20) T	n-Hexatriacontane (C36)	20.183	2837147	31.819 ug/ml
21) T	n-Octatriacontane (C38)	20.947	2782251	34.587 ug/ml
22) T	n-Tetracontane (C40)	21.911	2639263	35.246 ug/ml

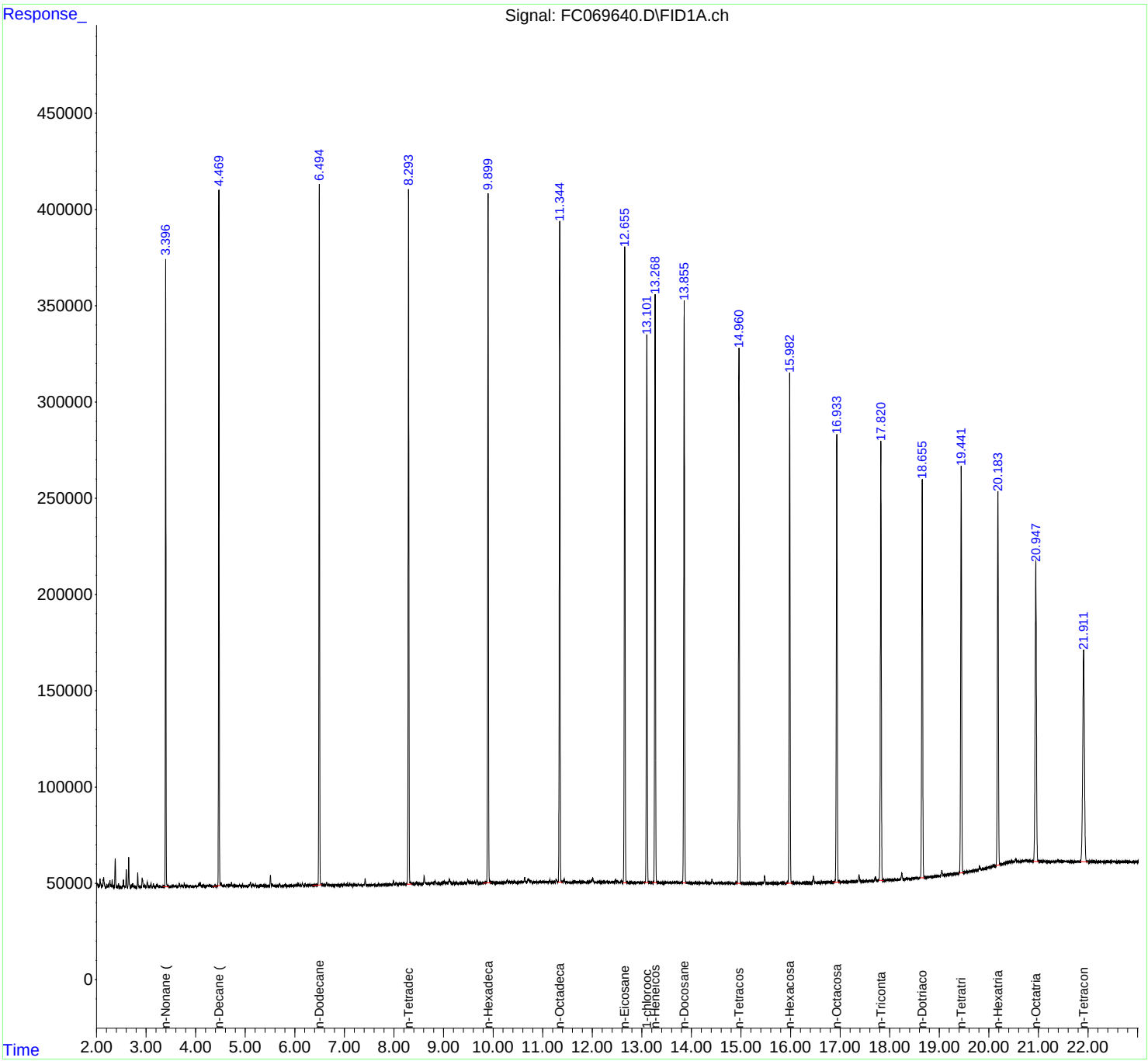
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069640.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 15:46
Operator : YP/AJ
Sample : Q2743-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1MS

Integration File: autoint1.e
Quant Time: Aug 13 01:17:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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\FC081225AL\
Data File : FC069640.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 15:46
Sample : Q2743-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.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	3.219	3.205	3.234	PH	766	7912	0.20%	0.011%
2	3.244	3.234	3.261	PV	481	3381	0.08%	0.005%
3	3.290	3.261	3.315	PV	379	6094	0.15%	0.008%
4	3.344	3.315	3.359	PV	478	5597	0.14%	0.008%
5	3.396	3.359	3.477	VV	324143	2738715	68.41%	3.774%
6	3.498	3.477	3.511	VV	342	4981	0.12%	0.007%
7	3.523	3.511	3.537	VV	664	7240	0.18%	0.010%
8	3.548	3.537	3.563	VV	528	6130	0.15%	0.008%
9	3.592	3.563	3.627	VV	683	15000	0.37%	0.021%
10	3.671	3.627	3.695	VV	1608	26339	0.66%	0.036%
11	3.715	3.695	3.746	VV	838	15367	0.38%	0.021%
12	3.770	3.746	3.795	VV	1469	19156	0.48%	0.026%
13	3.807	3.795	3.858	VV	576	16055	0.40%	0.022%
14	3.867	3.858	3.881	VV	507	4603	0.11%	0.006%
15	3.894	3.881	3.927	VV	933	12590	0.31%	0.017%
16	3.943	3.927	3.959	VV	589	5447	0.14%	0.008%
17	3.984	3.959	4.034	VV	505	16148	0.40%	0.022%
18	4.067	4.034	4.081	VV	1961	26853	0.67%	0.037%
19	4.095	4.081	4.120	VV	2126	23183	0.58%	0.032%
20	4.131	4.120	4.143	VV	464	5530	0.14%	0.008%
21	4.163	4.143	4.200	VV	1356	16696	0.42%	0.023%
22	4.241	4.200	4.261	VV	835	16611	0.41%	0.023%
23	4.277	4.261	4.301	VV	796	11591	0.29%	0.016%
24	4.312	4.301	4.323	VV	385	3965	0.10%	0.005%
25	4.338	4.323	4.359	VV	388	5360	0.13%	0.007%

rteres

26	4.385	4.359	4.409	VV	552	10100	0.25%	0.014%
27	4.425	4.409	4.439	VV	522	6514	0.16%	0.009%
28	4.469	4.439	4.499	VV	358829	3249330	81.17%	4.478%
29	4.514	4.499	4.555	VV	2140	31178	0.78%	0.043%
30	4.575	4.555	4.600	VV	671	12816	0.32%	0.018%
31	4.637	4.600	4.658	VV	1043	21596	0.54%	0.030%
32	4.670	4.658	4.680	VV	757	8001	0.20%	0.011%
33	4.693	4.680	4.707	VV	1125	12503	0.31%	0.017%
34	4.723	4.707	4.741	VV	2277	23036	0.58%	0.032%
35	4.756	4.741	4.768	VV	843	9728	0.24%	0.013%
36	4.776	4.768	4.790	VV	634	6957	0.17%	0.010%
37	4.803	4.790	4.825	VV	571	9161	0.23%	0.013%
38	4.847	4.825	4.864	VV	738	10721	0.27%	0.015%
39	4.886	4.864	4.928	VV	890	16779	0.42%	0.023%
40	4.947	4.928	4.968	VV	1127	13078	0.33%	0.018%
41	4.996	4.968	5.008	VV	378	6617	0.17%	0.009%
42	5.023	5.008	5.051	VV	450	7808	0.20%	0.011%
43	5.078	5.051	5.088	VV	1030	10629	0.27%	0.015%
44	5.105	5.088	5.132	VV	2359	29662	0.74%	0.041%
45	5.151	5.132	5.181	VV	906	16553	0.41%	0.023%
46	5.211	5.181	5.255	VV	881	17589	0.44%	0.024%
47	5.277	5.255	5.291	VV	202	3066	0.08%	0.004%
48	5.311	5.291	5.320	VV	429	4834	0.12%	0.007%
49	5.330	5.320	5.358	VV	470	7257	0.18%	0.010%
50	5.376	5.358	5.388	VV	403	5874	0.15%	0.008%
51	5.404	5.388	5.429	VV	674	10202	0.25%	0.014%
52	5.435	5.429	5.455	VV	315	4299	0.11%	0.006%
53	5.464	5.455	5.485	VV	352	4368	0.11%	0.006%
54	5.508	5.485	5.527	VV	5851	58913	1.47%	0.081%
55	5.545	5.527	5.566	VV	1250	18167	0.45%	0.025%
56	5.576	5.566	5.592	VV	350	4009	0.10%	0.006%
57	5.602	5.592	5.619	VV	265	2816	0.07%	0.004%
58	5.647	5.619	5.657	VV	246	3445	0.09%	0.005%
59	5.697	5.657	5.736	VV	1339	21775	0.54%	0.030%
60	5.756	5.736	5.774	VV	395	5991	0.15%	0.008%
61	5.796	5.774	5.834	VV	770	15876	0.40%	0.022%
62	5.856	5.834	5.889	VV	470	9096	0.23%	0.013%
63	5.921	5.889	5.948	VV	409	9280	0.23%	0.013%
64	5.965	5.948	5.991	VV	393	6481	0.16%	0.009%
65	6.034	5.991	6.045	VV	628	13140	0.33%	0.018%
66	6.067	6.045	6.090	VV	1503	21685	0.54%	0.030%
67	6.109	6.090	6.131	VV	1060	13498	0.34%	0.019%
68	6.152	6.131	6.186	VV	1578	25142	0.63%	0.035%
69	6.212	6.186	6.231	VV	1417	18793	0.47%	0.026%

rteres

70	6.252	6.231	6.267	VV	530	9686	0.24%	0.013%
71	6.286	6.267	6.295	VV	662	8570	0.21%	0.012%
72	6.304	6.295	6.321	VV	629	8347	0.21%	0.012%
73	6.337	6.321	6.355	VV	516	8494	0.21%	0.012%
74	6.377	6.355	6.394	VV	623	10176	0.25%	0.014%
75	6.423	6.394	6.442	VV	807	17082	0.43%	0.024%
76	6.494	6.442	6.569	VV	364554	3647422	91.11%	5.026%
77	6.581	6.569	6.622	VV	623	16931	0.42%	0.023%
78	6.642	6.622	6.664	VV	2066	27040	0.68%	0.037%
79	6.684	6.664	6.701	VV	673	12988	0.32%	0.018%
80	6.715	6.701	6.738	VV	639	9472	0.24%	0.013%
81	6.766	6.738	6.797	VV	667	12284	0.31%	0.017%
82	6.822	6.797	6.849	VV	699	13806	0.34%	0.019%
83	6.881	6.849	6.921	VV	477	15911	0.40%	0.022%
84	6.935	6.921	6.949	VV	507	6827	0.17%	0.009%
85	6.958	6.949	6.974	VV	457	6338	0.16%	0.009%
86	6.994	6.974	7.032	VV	1035	24188	0.60%	0.033%
87	7.053	7.032	7.080	VV	899	17398	0.43%	0.024%
88	7.115	7.080	7.138	VV	855	21057	0.53%	0.029%
89	7.155	7.138	7.177	VV	703	10027	0.25%	0.014%
90	7.198	7.177	7.245	VV	985	21471	0.54%	0.030%
91	7.280	7.245	7.320	VV	1378	25980	0.65%	0.036%
92	7.338	7.320	7.362	VV	501	9919	0.25%	0.014%
93	7.385	7.362	7.397	VV	668	10334	0.26%	0.014%
94	7.419	7.397	7.457	VV	3746	48819	1.22%	0.067%
95	7.487	7.457	7.498	VV	463	9780	0.24%	0.013%
96	7.511	7.498	7.528	VV	572	8143	0.20%	0.011%
97	7.542	7.528	7.571	VV	389	9019	0.23%	0.012%
98	7.593	7.571	7.625	VV	662	15104	0.38%	0.021%
99	7.633	7.625	7.652	VV	332	3977	0.10%	0.005%
100	7.682	7.652	7.700	VV	866	13603	0.34%	0.019%
101	7.719	7.700	7.743	VV	563	12601	0.31%	0.017%
102	7.763	7.743	7.786	VV	644	12059	0.30%	0.017%
103	7.808	7.786	7.831	VV	710	13352	0.33%	0.018%
104	7.852	7.831	7.864	VV	698	10990	0.27%	0.015%
105	7.874	7.864	7.887	VV	703	8369	0.21%	0.012%
106	7.899	7.887	7.921	VV	696	11540	0.29%	0.016%
107	7.943	7.921	7.961	VV	729	12955	0.32%	0.018%
108	7.987	7.961	8.016	VV	2413	37730	0.94%	0.052%
109	8.042	8.016	8.091	VV	1929	43708	1.09%	0.060%
110	8.113	8.091	8.133	VV	1260	23206	0.58%	0.032%
111	8.169	8.133	8.183	VV	965	25570	0.64%	0.035%
112	8.199	8.183	8.234	VV	1358	27735	0.69%	0.038%

rteres

113	8.294	8.234	8.368	VV	360261	3813093	95.25%	5.255%
114	8.386	8.368	8.425	VV	1118	32370	0.81%	0.045%
115	8.457	8.425	8.511	VV	1291	52700	1.32%	0.073%
116	8.524	8.511	8.558	VV	1019	23366	0.58%	0.032%
117	8.566	8.558	8.575	VV	777	7320	0.18%	0.010%
118	8.609	8.575	8.638	VV	5052	78141	1.95%	0.108%
119	8.648	8.638	8.684	VV	1306	30283	0.76%	0.042%
120	8.692	8.684	8.715	VV	1068	18062	0.45%	0.025%
121	8.757	8.715	8.771	VV	1402	37007	0.92%	0.051%
122	8.787	8.771	8.806	VV	1286	25583	0.64%	0.035%
123	8.829	8.806	8.871	VV	2407	58038	1.45%	0.080%
124	8.894	8.871	8.934	VV	1249	39800	0.99%	0.055%
125	8.955	8.934	8.964	VV	1099	17676	0.44%	0.024%
126	9.013	8.964	9.036	VV	2066	64366	1.61%	0.089%
127	9.053	9.036	9.088	VV	1616	42518	1.06%	0.059%
128	9.117	9.088	9.168	VV	3212	86689	2.17%	0.119%
129	9.175	9.168	9.183	VV	1027	9216	0.23%	0.013%
130	9.202	9.183	9.231	VV	1441	31863	0.80%	0.044%
131	9.254	9.231	9.292	VV	1217	39505	0.99%	0.054%
132	9.355	9.292	9.366	VV	1369	49206	1.23%	0.068%
133	9.373	9.366	9.387	VV	1210	14235	0.36%	0.020%
134	9.418	9.387	9.451	VV	1532	46865	1.17%	0.065%
135	9.490	9.451	9.524	VV	2503	71935	1.80%	0.099%
136	9.536	9.524	9.552	VV	1616	23578	0.59%	0.032%
137	9.573	9.552	9.598	VV	1378	34033	0.85%	0.047%
138	9.625	9.598	9.647	VV	1824	41995	1.05%	0.058%
139	9.675	9.647	9.707	VV	2907	59669	1.49%	0.082%
140	9.725	9.707	9.776	VV	1138	43161	1.08%	0.059%
141	9.816	9.776	9.845	VV	1579	48956	1.22%	0.067%
142	9.899	9.845	9.955	VV	354805	4003225	100.00%	5.517%
143	9.965	9.955	10.054	VV	1457	77646	1.94%	0.107%
144	10.070	10.054	10.091	VV	1255	24816	0.62%	0.034%
145	10.123	10.091	10.157	VV	1276	46109	1.15%	0.064%
146	10.177	10.157	10.192	VV	1297	24504	0.61%	0.034%
147	10.244	10.192	10.259	VV	1464	51263	1.28%	0.071%
148	10.287	10.259	10.312	VV	2698	59712	1.49%	0.082%
149	10.336	10.312	10.358	VV	1816	41254	1.03%	0.057%
150	10.382	10.358	10.406	VV	1578	40427	1.01%	0.056%
151	10.431	10.406	10.468	VV	1629	49613	1.24%	0.068%
152	10.497	10.468	10.510	VV	1301	30565	0.76%	0.042%
153	10.536	10.510	10.550	VV	1587	34526	0.86%	0.048%
154	10.569	10.550	10.600	VV	1673	44023	1.10%	0.061%
155	10.636	10.600	10.677	VV	3856	92222	2.30%	0.127%

rteres

156	10.709	10.677	10.748	VV	3171	94047	2.35%	0.130%
157	10.763	10.748	10.791	VV	1860	41495	1.04%	0.057%
158	10.829	10.791	10.837	VV	1355	35676	0.89%	0.049%
159	10.855	10.837	10.871	VV	1497	29200	0.73%	0.040%
160	10.883	10.871	10.936	VV	1473	53165	1.33%	0.073%
161	10.963	10.936	10.990	VV	1644	47038	1.18%	0.065%
162	11.026	10.990	11.048	VV	1685	54046	1.35%	0.074%
163	11.057	11.048	11.078	VV	1699	27132	0.68%	0.037%
164	11.092	11.078	11.118	VV	1558	32496	0.81%	0.045%
165	11.145	11.118	11.178	VV	2569	58194	1.45%	0.080%
166	11.196	11.178	11.221	VV	1329	31754	0.79%	0.044%
167	11.271	11.221	11.304	VV	2877	81741	2.04%	0.113%
168	11.344	11.304	11.399	VV	346034	3967874	99.12%	5.468%
169	11.433	11.399	11.468	VV	2969	74820	1.87%	0.103%
170	11.496	11.468	11.521	VV	1194	36574	0.91%	0.050%
171	11.534	11.521	11.554	VV	1143	21809	0.54%	0.030%
172	11.584	11.554	11.593	VV	1247	26522	0.66%	0.037%
173	11.640	11.593	11.678	VV	1549	69149	1.73%	0.095%
174	11.701	11.678	11.714	VV	1339	27816	0.69%	0.038%
175	11.736	11.714	11.768	VV	1542	44570	1.11%	0.061%
176	11.775	11.768	11.785	VV	1295	12468	0.31%	0.017%
177	11.799	11.785	11.814	VV	1416	23462	0.59%	0.032%
178	11.825	11.814	11.841	VV	1379	21490	0.54%	0.030%
179	11.856	11.841	11.885	VV	1300	30674	0.77%	0.042%
180	11.898	11.885	11.928	VV	1247	30398	0.76%	0.042%
181	11.941	11.928	11.956	VV	1356	21711	0.54%	0.030%
182	12.010	11.956	12.041	VV	3248	96078	2.40%	0.132%
183	12.053	12.041	12.072	VV	1274	22647	0.57%	0.031%
184	12.148	12.072	12.188	VV	1336	79960	2.00%	0.110%
185	12.233	12.188	12.261	VV	1555	53750	1.34%	0.074%
186	12.297	12.261	12.333	VV	1322	52981	1.32%	0.073%
187	12.349	12.333	12.367	VV	1178	21859	0.55%	0.030%
188	12.391	12.367	12.411	VV	1160	28947	0.72%	0.040%
189	12.429	12.411	12.450	VV	1255	27981	0.70%	0.039%
190	12.477	12.450	12.497	VV	2063	43524	1.09%	0.060%
191	12.513	12.497	12.553	VV	1412	37344	0.93%	0.051%
192	12.591	12.553	12.614	VV	1651	43177	1.08%	0.060%
193	12.655	12.614	12.700	VV	330156	3886982	97.10%	5.357%
194	12.715	12.700	12.737	VV	1072	20557	0.51%	0.028%
195	12.768	12.737	12.788	VV	1069	27848	0.70%	0.038%
196	12.794	12.788	12.836	VV	930	23836	0.60%	0.033%
197	12.848	12.836	12.870	VV	771	15162	0.38%	0.021%
198	12.916	12.870	12.961	VV	971	45373	1.13%	0.063%
199	12.977	12.961	12.996	VV	840	16421	0.41%	0.023%

rteres

200	13.015	12.996	13.028	VV	926	15351	0.38%	0.021%
201	13.046	13.028	13.063	VV	914	18587	0.46%	0.026%
202	13.101	13.063	13.135	VV	285046	3449953	86.18%	4.754%
203	13.151	13.135	13.185	VV	1054	27636	0.69%	0.038%
204	13.206	13.185	13.228	VV	958	21965	0.55%	0.030%
205	13.268	13.228	13.371	VV	304494	3719430	92.91%	5.126%
206	13.377	13.371	13.421	VV	777	20501	0.51%	0.028%
207	13.444	13.421	13.454	VV	755	12633	0.32%	0.017%
208	13.484	13.454	13.520	VV	901	30302	0.76%	0.042%
209	13.531	13.520	13.589	VV	879	29053	0.73%	0.040%
210	13.617	13.589	13.627	VV	771	15922	0.40%	0.022%
211	13.643	13.627	13.665	VV	995	18367	0.46%	0.025%
212	13.695	13.665	13.737	VV	1366	36703	0.92%	0.051%
213	13.769	13.737	13.779	VV	703	15758	0.39%	0.022%
214	13.801	13.779	13.816	VV	1102	19118	0.48%	0.026%
215	13.855	13.816	13.898	VV	302480	3586962	89.60%	4.943%
216	13.910	13.898	13.957	VV	676	19559	0.49%	0.027%
217	13.979	13.957	14.030	VV	509	19146	0.48%	0.026%
218	14.085	14.030	14.198	VV	607	43406	1.08%	0.060%
219	14.225	14.198	14.248	VV	442	11295	0.28%	0.016%
220	14.290	14.248	14.351	VV	1384	35439	0.89%	0.049%
221	14.369	14.351	14.390	VV	458	8798	0.22%	0.012%
222	14.416	14.390	14.460	VV	2266	34879	0.87%	0.048%
223	14.486	14.460	14.521	VV	422	12106	0.30%	0.017%
224	14.544	14.521	14.600	VV	475	15356	0.38%	0.021%
225	14.617	14.600	14.643	VV	365	7384	0.18%	0.010%
226	14.671	14.643	14.682	VV	311	6341	0.16%	0.009%
227	14.703	14.682	14.718	VV	345	6250	0.16%	0.009%
228	14.731	14.718	14.745	VV	297	4060	0.10%	0.006%
229	14.766	14.745	14.785	VV	414	6692	0.17%	0.009%
230	14.809	14.785	14.833	VV	376	8374	0.21%	0.012%
231	14.854	14.833	14.865	VV	186	3004	0.08%	0.004%
232	14.912	14.865	14.920	VV	546	9775	0.24%	0.013%
233	14.959	14.920	15.065	VV	280031	3446877	86.10%	4.750%
234	15.070	15.065	15.083	VV	199	1253	0.03%	0.002%
235	15.155	15.083	15.178	VV	171	6590	0.16%	0.009%
236	15.206	15.178	15.248	VV	136	3606	0.09%	0.005%
237	15.264	15.248	15.281	VV	81	1159	0.03%	0.002%
238	15.294	15.281	15.330	VV	254	2979	0.07%	0.004%
239	15.340	15.330	15.365	VV	173	2177	0.05%	0.003%
240	15.380	15.365	15.391	VV	175	1721	0.04%	0.002%
241	15.399	15.391	15.419	VV	100	882	0.02%	0.001%
242	15.438	15.419	15.446	VV	118	1399	0.03%	0.002%

rteres

243	15.478	15.446	15.536	VV	3319	47881	1.20%	0.066%
244	15.543	15.536	15.562	VV	119	1207	0.03%	0.002%
245	15.568	15.562	15.613	VV	119	1938	0.05%	0.003%
246	15.629	15.613	15.645	VV	170	1595	0.04%	0.002%
247	15.661	15.645	15.735	VV	99	3380	0.08%	0.005%
248	15.800	15.735	15.835	VV	336	7980	0.20%	0.011%
249	15.850	15.835	15.898	VV	211	4859	0.12%	0.007%
250	15.982	15.898	16.105	VV	262853	3277287	81.87%	4.516%
251	16.111	16.105	16.135	VV	100	1855	0.05%	0.003%
252	16.156	16.135	16.168	PV	228	2252	0.06%	0.003%
253	16.178	16.168	16.228	VV	116	2836	0.07%	0.004%
254	16.291	16.228	16.324	PV	258	5901	0.15%	0.008%
255	16.340	16.324	16.397	VV	155	3237	0.08%	0.004%
256	16.464	16.397	16.526	PV	3394	51702	1.29%	0.071%
257	16.631	16.526	16.655	PV	203	6386	0.16%	0.009%
258	16.697	16.655	16.717	VV	188	4513	0.11%	0.006%
259	16.737	16.717	16.747	VV	201	2369	0.06%	0.003%
260	16.762	16.747	16.785	VV	344	4159	0.10%	0.006%
261	16.812	16.785	16.844	VV	373	7054	0.18%	0.010%
262	16.858	16.844	16.868	VV	217	2583	0.06%	0.004%
263	16.933	16.868	17.005	VV	229118	3129098	78.16%	4.312%
264	17.047	17.005	17.061	PV	165	3256	0.08%	0.004%
265	17.089	17.061	17.125	VV	118	2704	0.07%	0.004%
266	17.221	17.125	17.241	VV	165	6751	0.17%	0.009%
267	17.267	17.241	17.288	VV	167	2151	0.05%	0.003%
268	17.382	17.288	17.418	PV	3490	54730	1.37%	0.075%
269	17.516	17.418	17.577	VV	159	6461	0.16%	0.009%
270	17.615	17.577	17.632	VV	166	2633	0.07%	0.004%
271	17.667	17.632	17.678	VV	180	2950	0.07%	0.004%
272	17.711	17.678	17.748	VV	2156	30107	0.75%	0.041%
273	17.822	17.748	17.875	PV	228469	3071464	76.72%	4.233%
274	17.888	17.875	17.903	VV	101	1347	0.03%	0.002%
275	17.978	17.903	18.030	VV	422	12662	0.32%	0.017%
276	18.042	18.030	18.050	VV	101	766	0.02%	0.001%
277	18.069	18.050	18.081	PV	138	1790	0.04%	0.002%
278	18.093	18.081	18.118	VV	228	3381	0.08%	0.005%
279	18.134	18.118	18.145	VV	137	1682	0.04%	0.002%
280	18.243	18.145	18.301	VV	3326	52441	1.31%	0.072%
281	18.345	18.301	18.374	PV	448	8357	0.21%	0.012%
282	18.384	18.374	18.411	VV	132	1668	0.04%	0.002%
283	18.515	18.411	18.528	PV	195	5290	0.13%	0.007%
284	18.549	18.528	18.559	VV	216	2631	0.07%	0.004%
285	18.566	18.559	18.588	VV	147	1159	0.03%	0.002%

rteres

286	18.655	18.588	18.712	VV	207719	3015569	75.33%	4.156%
287	18.718	18.712	18.726	VV	78	367	0.01%	0.001%
288	18.770	18.726	18.791	PV	214	4446	0.11%	0.006%
289	18.819	18.791	18.838	VV	192	3319	0.08%	0.005%
290	18.845	18.838	18.871	VV	116	1385	0.03%	0.002%
291	18.908	18.871	18.935	VV	249	5521	0.14%	0.008%
292	18.982	18.935	19.011	VV	186	5622	0.14%	0.008%
293	19.052	19.011	19.088	VV	3043	46839	1.17%	0.065%
294	19.098	19.088	19.118	VV	368	5201	0.13%	0.007%
295	19.171	19.118	19.182	VV	449	11463	0.29%	0.016%
296	19.308	19.182	19.330	VV	586	38826	0.97%	0.054%
297	19.342	19.330	19.365	VV	593	10746	0.27%	0.015%
298	19.442	19.365	19.495	VV	211088	3007972	75.14%	4.145%
299	19.597	19.495	19.618	VV	1067	63832	1.59%	0.088%
300	19.734	19.618	19.751	VV	1283	90405	2.26%	0.125%
301	19.816	19.751	19.845	VV	2880	95946	2.40%	0.132%
302	19.872	19.845	19.884	VV	1612	35537	0.89%	0.049%
303	20.085	19.884	20.110	VV	2826	286107	7.15%	0.394%
304	20.183	20.110	20.228	VV	196127	3035089	75.82%	4.183%
305	20.470	20.228	20.501	VV	3972	584662	14.60%	0.806%
306	20.542	20.501	20.601	VV	4831	243640	6.09%	0.336%
307	20.741	20.601	20.785	VV	3811	409663	10.23%	0.565%
308	20.795	20.785	20.885	VV	3608	201975	5.05%	0.278%
309	20.947	20.885	21.034	VV	157175	3036544	75.85%	4.185%
310	21.055	21.034	21.103	VV	2758	109199	2.73%	0.150%
311	21.114	21.103	21.231	VV	2569	176485	4.41%	0.243%
312	21.252	21.231	21.268	VV	1980	42869	1.07%	0.059%
313	21.303	21.268	21.348	VV	1927	89579	2.24%	0.123%
314	21.397	21.348	21.505	VV	2265	165346	4.13%	0.228%
315	21.511	21.505	21.661	VV	1478	115387	2.88%	0.159%
316	21.697	21.661	21.727	VV	946	36423	0.91%	0.050%
317	21.738	21.727	21.754	VV	857	13022	0.33%	0.018%
318	21.769	21.754	21.781	VV	782	12392	0.31%	0.017%
319	21.802	21.781	21.815	VV	786	14251	0.36%	0.020%
320	21.824	21.815	21.834	VV	666	6906	0.17%	0.010%
321	21.911	21.834	22.028	VV	110184	2677104	66.87%	3.689%
			Sum of corrected areas:			72564635		

Aliphatic EPH 080125.M Wed Aug 13 05:15:51 2025

Quantitation Report (QT Reviewed)

Sample Results: **FD049621.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049621.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 15:46
Operator : YP/AJ
Sample : Q2743-01MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WC1MS

Integration File: autoint1.e
Quant Time: Aug 13 00:30:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	7.716	5128962	50.045 ug/ml
Spiked Amount	50.000		Recovery =	100.09%
6) S	2-Flurobiphenyl (SURR)	8.581	3671237	50.259 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	100.52%
11) S	ortho-Terphenyl (SURR)	11.627	4343758	33.466 ug/ml
Spiked Amount	50.000		Recovery =	66.93%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.507	3178584	31.403 ug/ml
2) T	Naphthalene (C11.7)	6.050	3870728	33.758 ug/ml
3) T	2-Methylnaphthalene (...	7.104	3842556	32.211 ug/ml
5) T	Acenaphthylene (C15.06)	8.384	4562735	36.295 ug/ml
7) T	Acenaphthene (C15.5)	8.681	4587927	36.489 ug/ml
8) T	Flouorene (C16.55)	9.463	4888454	38.611 ug/ml
9) T	Phenanthrene (C19.36)	10.862	5388822	41.716 ug/ml
10) T	Anthracene (C19.43)	10.937	5124029	41.593 ug/ml
12) T	Fluoranthene (C21.85)	12.678	5802918	45.329 ug/ml
13) T	Pyrene (C20.8)	12.976	5749252	45.282 ug/ml
14) T	Benzo[a]anthracene (C...	14.847	5217788	45.217 ug/ml
15) T	Chrysene (C27.41)	14.892	5789473	49.448 ug/ml
16) T	benzo[b]fluoranthene ...	16.399	5064596	44.530 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.433	4705746	43.959 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.779	4774415	43.037 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.145	4783636	46.408 ug/ml
20) T	Dibenz[a,h]anthracene...	18.183	4281018	39.276 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.401	4184521	38.293 ug/ml

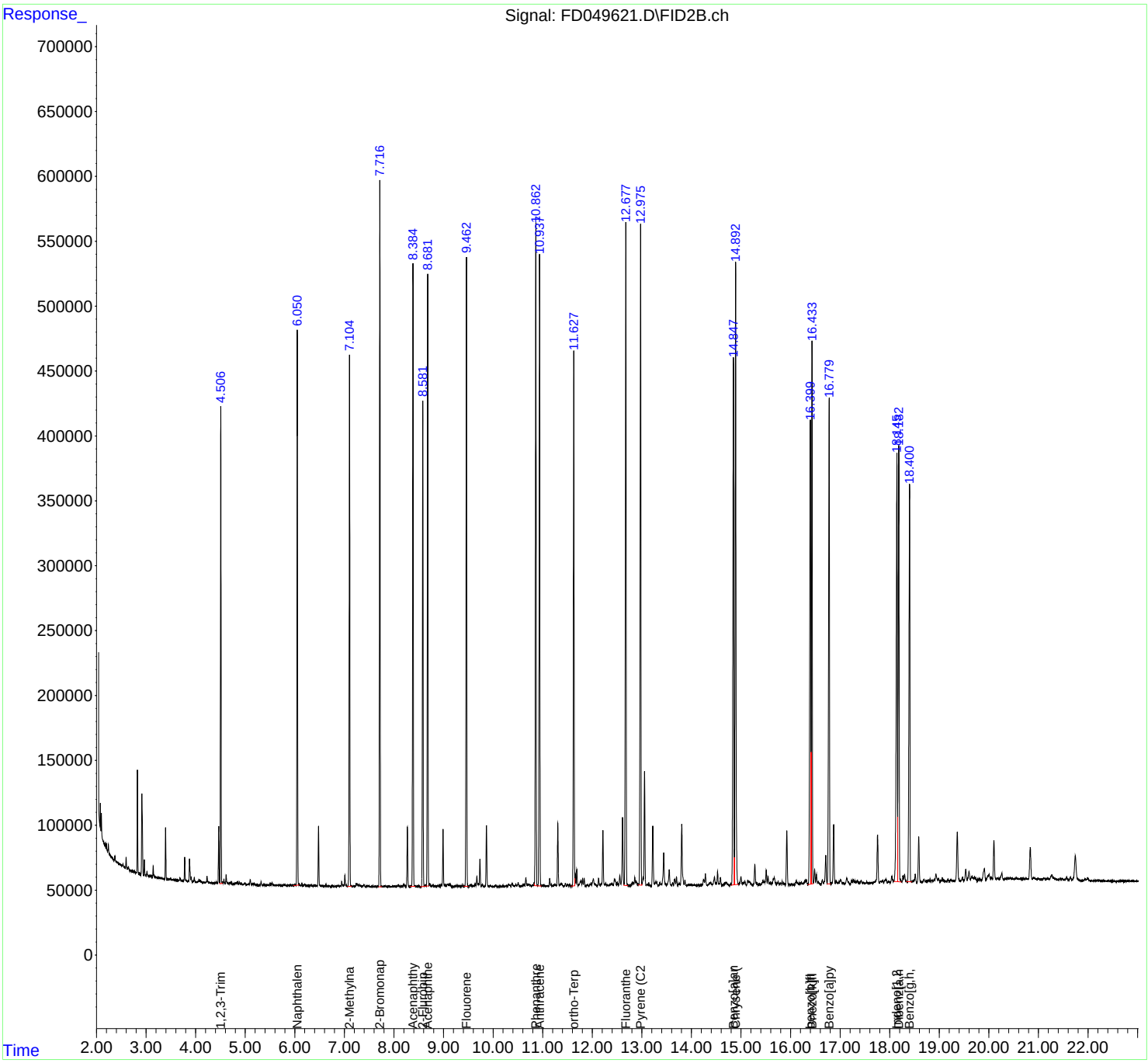
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049621.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 15:46
Operator : YP/AJ
Sample : Q2743-01MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WC1MS

Integration File: autoint1.e
Quant Time: Aug 13 00:30:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049621.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 15:46
Sample : Q2743-01MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.264	4.252	4.308	BV	317	1672	0.03%	0.001%
2	4.327	4.308	4.348	PV	249	4061	0.07%	0.003%
3	4.354	4.348	4.373	VV	328	2547	0.04%	0.002%
4	4.392	4.373	4.405	PV	514	5765	0.10%	0.005%
5	4.420	4.405	4.441	VV	1154	12395	0.21%	0.010%
6	4.465	4.441	4.485	VV	44327	393903	6.75%	0.333%
7	4.507	4.485	4.534	VV	367846	3182432	54.50%	2.692%
8	4.539	4.534	4.553	VV	1635	12368	0.21%	0.010%
9	4.570	4.553	4.595	VV	3830	39539	0.68%	0.033%
10	4.615	4.595	4.658	VV	7060	84050	1.44%	0.071%
11	4.666	4.658	4.675	VV	508	4508	0.08%	0.004%
12	4.689	4.675	4.704	VV	1583	16512	0.28%	0.014%
13	4.720	4.704	4.738	VV	2435	21794	0.37%	0.018%
14	4.750	4.738	4.756	PV	328	1748	0.03%	0.001%
15	4.772	4.756	4.783	VV	538	5542	0.09%	0.005%
16	4.798	4.783	4.806	VV	1284	11594	0.20%	0.010%
17	4.818	4.806	4.829	VV	1707	17752	0.30%	0.015%
18	4.844	4.829	4.864	VV	2512	29449	0.50%	0.025%
19	4.882	4.864	4.905	VV	2078	24079	0.41%	0.020%
20	4.918	4.905	4.956	VV	1458	22083	0.38%	0.019%
21	4.971	4.956	4.980	VV	674	6274	0.11%	0.005%
22	4.996	4.980	5.015	VV	1703	18630	0.32%	0.016%
23	5.020	5.015	5.041	VV	461	4284	0.07%	0.004%
24	5.073	5.049	5.083	VV	1223	13391	0.23%	0.011%
25	5.101	5.083	5.135	VV	4304	56717	0.97%	0.048%

rteres

26	5.160	5.135	5.171	VV	1595	17802	0.30%	0.015%
27	5.184	5.171	5.217	VV	1806	23870	0.41%	0.020%
28	5.221	5.217	5.254	VV	279	3082	0.05%	0.003%
29	5.293	5.254	5.302	PV	373	5000	0.09%	0.004%
30	5.319	5.302	5.354	PV	3002	31124	0.53%	0.026%
31	5.372	5.354	5.390	VV	839	10002	0.17%	0.008%
32	5.394	5.390	5.417	VV	469	4360	0.07%	0.004%
33	5.436	5.417	5.447	VV	424	4724	0.08%	0.004%
34	5.456	5.447	5.484	VV	527	7242	0.12%	0.006%
35	5.502	5.484	5.521	VV	2301	24309	0.42%	0.021%
36	5.540	5.521	5.562	VV	2108	26129	0.45%	0.022%
37	5.573	5.562	5.587	VV	487	4527	0.08%	0.004%
38	5.598	5.587	5.618	VV	548	5513	0.09%	0.005%
39	5.642	5.618	5.652	VV	322	3950	0.07%	0.003%
40	5.664	5.652	5.672	VV	339	3121	0.05%	0.003%
41	5.686	5.672	5.730	VV	953	16485	0.28%	0.014%
42	5.743	5.730	5.761	VV	405	4329	0.07%	0.004%
43	5.784	5.761	5.823	VV	1098	25073	0.43%	0.021%
44	5.836	5.823	5.859	VV	504	6632	0.11%	0.006%
45	5.878	5.859	5.906	VV	892	15068	0.26%	0.013%
46	5.926	5.906	5.936	VV	676	8436	0.14%	0.007%
47	5.954	5.936	5.973	VV	1142	14224	0.24%	0.012%
48	6.005	5.973	6.023	VV	1177	23992	0.41%	0.020%
49	6.050	6.023	6.082	VV	428605	3884043	66.52%	3.286%
50	6.095	6.082	6.121	VV	1482	19635	0.34%	0.017%
51	6.141	6.121	6.167	VV	1722	22937	0.39%	0.019%
52	6.201	6.167	6.217	VV	1440	25305	0.43%	0.021%
53	6.228	6.217	6.251	VV	646	9117	0.16%	0.008%
54	6.267	6.251	6.293	VV	710	12162	0.21%	0.010%
55	6.307	6.293	6.316	VV	692	7823	0.13%	0.007%
56	6.326	6.316	6.355	VV	1030	14189	0.24%	0.012%
57	6.362	6.355	6.375	VV	400	3797	0.07%	0.003%
58	6.400	6.375	6.410	VV	610	10535	0.18%	0.009%
59	6.416	6.410	6.449	VV	773	12039	0.21%	0.010%
60	6.479	6.449	6.524	VV	46576	456926	7.83%	0.387%
61	6.535	6.524	6.550	VV	487	5398	0.09%	0.005%
62	6.568	6.550	6.587	VV	716	8557	0.15%	0.007%
63	6.599	6.587	6.612	PV	668	5576	0.10%	0.005%
64	6.629	6.612	6.649	VV	1454	15182	0.26%	0.013%
65	6.668	6.649	6.688	VV	665	10965	0.19%	0.009%
66	6.701	6.688	6.719	VV	678	6953	0.12%	0.006%
67	6.736	6.719	6.744	PV	332	2788	0.05%	0.002%
68	6.762	6.744	6.781	VV	845	10392	0.18%	0.009%
69	6.807	6.794	6.824	VV	398	3512	0.06%	0.003%

rteres

70	6.841	6.824	6.849	VV	322	2406	0.04%	0.002%
71	6.865	6.849	6.870	VV	715	6939	0.12%	0.006%
72	6.881	6.870	6.902	VV	912	10617	0.18%	0.009%
73	6.918	6.902	6.932	VV	683	8809	0.15%	0.007%
74	6.947	6.932	6.963	VV	3992	38322	0.66%	0.032%
75	6.976	6.963	6.989	VV	1135	14177	0.24%	0.012%
76	7.010	6.989	7.029	VV	9063	92572	1.59%	0.078%
77	7.039	7.029	7.063	VV	1210	13193	0.23%	0.011%
78	7.104	7.063	7.134	VV	409789	3854460	66.01%	3.261%
79	7.139	7.134	7.149	VV	746	5359	0.09%	0.005%
80	7.151	7.149	7.168	VV	671	4454	0.08%	0.004%
81	7.182	7.168	7.201	VV	596	7708	0.13%	0.007%
82	7.207	7.201	7.222	VV	383	4093	0.07%	0.003%
83	7.239	7.222	7.252	VV	2702	28710	0.49%	0.024%
84	7.263	7.252	7.279	VV	2405	26734	0.46%	0.023%
85	7.295	7.279	7.309	VV	1783	20933	0.36%	0.018%
86	7.320	7.309	7.353	VV	1146	16633	0.28%	0.014%
87	7.367	7.353	7.378	VV	972	8987	0.15%	0.008%
88	7.397	7.378	7.430	VV	1736	27475	0.47%	0.023%
89	7.465	7.430	7.480	VV	807	15524	0.27%	0.013%
90	7.490	7.480	7.523	VV	910	10598	0.18%	0.009%
91	7.580	7.541	7.597	VV	741	9373	0.16%	0.008%
92	7.601	7.597	7.610	VV	247	1833	0.03%	0.002%
93	7.634	7.610	7.648	VV	616	7911	0.14%	0.007%
94	7.663	7.648	7.683	VV	870	9423	0.16%	0.008%
95	7.716	7.683	7.770	VV	543241	5137851	87.99%	4.346%
96	7.775	7.770	7.792	VV	281	3061	0.05%	0.003%
97	7.809	7.792	7.814	VV	659	6787	0.12%	0.006%
98	7.827	7.814	7.858	VV	1228	14160	0.24%	0.012%
99	7.879	7.858	7.884	VV	400	2996	0.05%	0.003%
100	7.889	7.884	7.913	VV	361	4296	0.07%	0.004%
101	7.923	7.913	7.937	VV	410	3684	0.06%	0.003%
102	7.969	7.952	7.981	VV	722	9376	0.16%	0.008%
103	7.985	7.981	7.997	VV	605	4686	0.08%	0.004%
104	8.010	7.997	8.017	VV	580	5487	0.09%	0.005%
105	8.027	8.017	8.045	VV	604	8591	0.15%	0.007%
106	8.054	8.045	8.063	VV	590	5123	0.09%	0.004%
107	8.080	8.063	8.090	VV	1385	15795	0.27%	0.013%
108	8.095	8.090	8.140	VV	1427	16540	0.28%	0.014%
109	8.171	8.140	8.180	VV	694	11620	0.20%	0.010%
110	8.198	8.180	8.214	VV	2637	29682	0.51%	0.025%
111	8.226	8.214	8.243	VV	1473	14990	0.26%	0.013%
112	8.271	8.243	8.300	VV	46254	479798	8.22%	0.406%

rteres

113	8.308	8.300	8.325	VV	482	5427	0.09%	0.005%
114	8.334	8.325	8.338	VV	528	3152	0.05%	0.003%
115	8.384	8.338	8.450	VV	480090	4594217	78.68%	3.887%
116	8.467	8.450	8.483	VV	867	10411	0.18%	0.009%
117	8.504	8.483	8.540	VV	896	13364	0.23%	0.011%
118	8.581	8.540	8.613	PV	374563	3689456	63.18%	3.121%
119	8.637	8.613	8.649	VV	1334	21725	0.37%	0.018%
120	8.681	8.649	8.706	VV	470242	4604542	78.85%	3.895%
121	8.721	8.706	8.752	VV	2600	40385	0.69%	0.034%
122	8.758	8.752	8.766	VV	882	6602	0.11%	0.006%
123	8.789	8.766	8.832	VV	1469	34792	0.60%	0.029%
124	8.837	8.832	8.854	VV	640	5622	0.10%	0.005%
125	8.880	8.854	8.900	VV	874	17358	0.30%	0.015%
126	8.919	8.900	8.932	VV	1363	17053	0.29%	0.014%
127	8.950	8.932	8.966	VV	2077	26307	0.45%	0.022%
128	8.990	8.966	9.013	VV	44560	438334	7.51%	0.371%
129	9.019	9.013	9.034	VV	1413	15402	0.26%	0.013%
130	9.040	9.034	9.057	VV	1334	14526	0.25%	0.012%
131	9.080	9.057	9.099	VV	2269	39907	0.68%	0.034%
132	9.124	9.099	9.135	VV	2243	39059	0.67%	0.033%
133	9.142	9.135	9.166	VV	2023	20174	0.35%	0.017%
134	9.182	9.166	9.204	PV	348	4086	0.07%	0.003%
135	9.238	9.204	9.255	VV	1049	15323	0.26%	0.013%
136	9.272	9.255	9.299	VV	1758	23896	0.41%	0.020%
137	9.323	9.299	9.357	VV	817	16557	0.28%	0.014%
138	9.376	9.357	9.401	VV	1499	21704	0.37%	0.018%
139	9.419	9.401	9.429	VV	811	10347	0.18%	0.009%
140	9.463	9.429	9.505	VV	484247	4907433	84.04%	4.152%
141	9.533	9.505	9.547	VV	1835	26876	0.46%	0.023%
142	9.558	9.547	9.577	VV	2058	23764	0.41%	0.020%
143	9.584	9.577	9.591	VV	756	5728	0.10%	0.005%
144	9.609	9.591	9.622	VV	1132	16343	0.28%	0.014%
145	9.637	9.622	9.653	VV	2812	32210	0.55%	0.027%
146	9.673	9.653	9.691	VV	8107	93209	1.60%	0.079%
147	9.705	9.691	9.716	VV	2845	33121	0.57%	0.028%
148	9.735	9.716	9.764	VV	21559	226061	3.87%	0.191%
149	9.781	9.764	9.819	VV	1744	34011	0.58%	0.029%
150	9.832	9.819	9.841	VV	751	7328	0.13%	0.006%
151	9.866	9.841	9.918	VV	47505	535324	9.17%	0.453%
152	9.943	9.918	9.963	VV	1087	15535	0.27%	0.013%
153	9.975	9.963	10.000	VV	425	5996	0.10%	0.005%
154	10.004	10.000	10.017	VV	256	1742	0.03%	0.001%
155	10.044	10.017	10.049	VV	892	9669	0.17%	0.008%

rteres

156	10.059	10.049	10.080	VV	1107	13225	0.23%	0.011%
157	10.098	10.080	10.112	VV	371	4085	0.07%	0.003%
158	10.145	10.122	10.163	PV	788	8992	0.15%	0.008%
159	10.199	10.163	10.239	VV	946	23901	0.41%	0.020%
160	10.259	10.239	10.278	VV	891	13828	0.24%	0.012%
161	10.314	10.278	10.328	VV	1810	33419	0.57%	0.028%
162	10.333	10.328	10.359	VV	1513	19441	0.33%	0.016%
163	10.379	10.359	10.422	VV	2467	51454	0.88%	0.044%
164	10.432	10.422	10.437	VV	656	5059	0.09%	0.004%
165	10.454	10.437	10.482	VV	1792	31126	0.53%	0.026%
166	10.506	10.482	10.532	VV	3265	49506	0.85%	0.042%
167	10.537	10.532	10.549	VV	668	6142	0.11%	0.005%
168	10.560	10.549	10.572	VV	907	8661	0.15%	0.007%
169	10.588	10.572	10.607	VV	1135	18687	0.32%	0.016%
170	10.624	10.607	10.638	VV	2076	26281	0.45%	0.022%
171	10.661	10.638	10.684	VV	7027	93713	1.60%	0.079%
172	10.691	10.684	10.699	VV	1624	14388	0.25%	0.012%
173	10.710	10.699	10.717	VV	1731	17188	0.29%	0.015%
174	10.727	10.717	10.752	VV	1732	29889	0.51%	0.025%
175	10.760	10.752	10.771	VV	1220	11268	0.19%	0.010%
176	10.798	10.771	10.808	VV	1360	22178	0.38%	0.019%
177	10.825	10.808	10.832	VV	3133	31238	0.53%	0.026%
178	10.862	10.832	10.902	VV	511615	5421979	92.85%	4.587%
179	10.937	10.902	10.980	VV	485486	5153966	88.26%	4.360%
180	10.988	10.980	10.996	VV	719	6004	0.10%	0.005%
181	11.010	10.996	11.057	VV	1039	28003	0.48%	0.024%
182	11.063	11.057	11.074	VV	537	4784	0.08%	0.004%
183	11.079	11.074	11.087	VV	484	3488	0.06%	0.003%
184	11.090	11.087	11.100	VV	420	3301	0.06%	0.003%
185	11.111	11.100	11.120	VV	621	6143	0.11%	0.005%
186	11.141	11.120	11.184	VV	6432	88137	1.51%	0.075%
187	11.217	11.184	11.230	VV	1182	22142	0.38%	0.019%
188	11.247	11.230	11.278	VV	1947	38657	0.66%	0.033%
189	11.305	11.278	11.337	VV	49067	552892	9.47%	0.468%
190	11.378	11.337	11.424	VV	2530	75365	1.29%	0.064%
191	11.458	11.424	11.478	VV	2647	37962	0.65%	0.032%
192	11.505	11.478	11.527	VV	1766	30769	0.53%	0.026%
193	11.546	11.527	11.570	VV	1498	21660	0.37%	0.018%
194	11.584	11.570	11.593	VV	590	6659	0.11%	0.006%
195	11.627	11.593	11.649	VV	413297	4362608	74.71%	3.691%
196	11.657	11.649	11.672	VV	10104	98485	1.69%	0.083%
197	11.688	11.672	11.711	VV	13395	153960	2.64%	0.130%
198	11.755	11.711	11.760	VV	3508	57977	0.99%	0.049%
199	11.772	11.760	11.790	VV	5040	64790	1.11%	0.055%

rteres

200	11.805	11.790	11.820	VV	6295	70885	1.21%	0.060%
201	11.837	11.820	11.865	VV	6341	78152	1.34%	0.066%
202	11.878	11.865	11.884	VV	790	6232	0.11%	0.005%
203	11.901	11.884	11.928	VV	1414	25443	0.44%	0.022%
204	11.973	11.928	11.985	VV	2269	48217	0.83%	0.041%
205	12.023	11.985	12.053	VV	5951	135185	2.32%	0.114%
206	12.061	12.053	12.101	VV	1926	30210	0.52%	0.026%
207	12.127	12.101	12.148	VV	6501	82342	1.41%	0.070%
208	12.159	12.148	12.167	VV	1456	14531	0.25%	0.012%
209	12.215	12.167	12.254	VV	43389	541104	9.27%	0.458%
210	12.273	12.254	12.294	VV	2066	35395	0.61%	0.030%
211	12.300	12.294	12.320	VV	1058	13723	0.24%	0.012%
212	12.332	12.320	12.343	VV	1104	13567	0.23%	0.011%
213	12.356	12.343	12.365	VV	1367	16803	0.29%	0.014%
214	12.377	12.365	12.388	VV	2022	23930	0.41%	0.020%
215	12.399	12.388	12.421	VV	2397	31715	0.54%	0.027%
216	12.446	12.421	12.455	VV	5216	63860	1.09%	0.054%
217	12.463	12.455	12.488	VV	4873	65510	1.12%	0.055%
218	12.503	12.488	12.519	VV	3287	41787	0.72%	0.035%
219	12.524	12.519	12.535	VV	1733	14600	0.25%	0.012%
220	12.556	12.535	12.576	VV	8471	114433	1.96%	0.097%
221	12.611	12.576	12.639	VV	53280	692239	11.85%	0.586%
222	12.678	12.639	12.720	VV	510906	5839276	100.00%	4.940%
223	12.737	12.720	12.750	VV	732	11578	0.20%	0.010%
224	12.806	12.750	12.818	VV	3143	59814	1.02%	0.051%
225	12.831	12.818	12.842	VV	3224	35671	0.61%	0.030%
226	12.858	12.842	12.875	VV	6996	89575	1.53%	0.076%
227	12.885	12.875	12.924	VV	4168	78064	1.34%	0.066%
228	12.932	12.924	12.938	VV	1378	11356	0.19%	0.010%
229	12.976	12.938	13.000	VV	509453	5785386	99.08%	4.894%
230	13.025	13.000	13.032	VV	7208	87541	1.50%	0.074%
231	13.055	13.032	13.085	VV	88770	1045043	17.90%	0.884%
232	13.108	13.085	13.126	VV	1636	30052	0.51%	0.025%
233	13.140	13.126	13.159	VV	2917	34622	0.59%	0.029%
234	13.172	13.159	13.189	VV	831	8812	0.15%	0.007%
235	13.221	13.189	13.255	PV	46724	607947	10.41%	0.514%
236	13.272	13.255	13.287	VV	3221	48791	0.84%	0.041%
237	13.297	13.287	13.330	VV	3096	49418	0.85%	0.042%
238	13.363	13.330	13.382	VV	3161	45274	0.78%	0.038%
239	13.397	13.382	13.403	VV	1810	19589	0.34%	0.017%
240	13.442	13.403	13.492	VV	25823	411644	7.05%	0.348%
241	13.553	13.492	13.600	VV	12882	236177	4.04%	0.200%
242	13.622	13.600	13.638	VV	2833	37403	0.64%	0.032%

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243	13.663	13.638	13.683	VV	5483	85874	1.47%	0.073%
244	13.700	13.683	13.725	VV	7116	91068	1.56%	0.077%
245	13.752	13.725	13.772	VV	2219	46205	0.79%	0.039%
246	13.806	13.772	13.853	VV	47622	683110	11.70%	0.578%
247	13.870	13.853	13.915	VV	4754	65995	1.13%	0.056%
248	13.948	13.915	13.964	VV	1369	23672	0.41%	0.020%
249	13.981	13.964	13.995	VV	953	14445	0.25%	0.012%
250	14.006	13.995	14.024	VV	1015	12799	0.22%	0.011%
251	14.048	14.024	14.066	VV	799	17085	0.29%	0.014%
252	14.073	14.066	14.108	VV	737	9444	0.16%	0.008%
253	14.136	14.108	14.169	VV	1029	15935	0.27%	0.013%
254	14.195	14.169	14.207	VV	887	10342	0.18%	0.009%
255	14.244	14.207	14.265	VV	5044	91974	1.58%	0.078%
256	14.282	14.265	14.319	VV	9386	125833	2.15%	0.106%
257	14.364	14.319	14.377	VV	2003	42492	0.73%	0.036%
258	14.388	14.377	14.421	VV	2644	45731	0.78%	0.039%
259	14.426	14.421	14.429	VV	1082	4766	0.08%	0.004%
260	14.465	14.429	14.489	VV	6950	128027	2.19%	0.108%
261	14.495	14.489	14.505	VV	1969	17205	0.29%	0.015%
262	14.527	14.505	14.549	VV	11059	141409	2.42%	0.120%
263	14.557	14.549	14.565	VV	1471	12699	0.22%	0.011%
264	14.585	14.565	14.620	VV	6158	87586	1.50%	0.074%
265	14.652	14.620	14.664	VV	1314	19876	0.34%	0.017%
266	14.691	14.664	14.698	VV	2192	34342	0.59%	0.029%
267	14.710	14.698	14.734	VV	2508	39194	0.67%	0.033%
268	14.739	14.734	14.774	VV	1052	11552	0.20%	0.010%
269	14.791	14.774	14.804	PV	1194	12699	0.22%	0.011%
270	14.847	14.804	14.866	VV	406476	5239315	89.73%	4.432%
271	14.892	14.866	14.950	VV	481336	5834326	99.92%	4.936%
272	14.999	14.950	15.023	VV	6710	130025	2.23%	0.110%
273	15.027	15.023	15.030	VV	1680	7402	0.13%	0.006%
274	15.039	15.030	15.058	VV	1873	27902	0.48%	0.024%
275	15.078	15.058	15.111	VV	3376	54357	0.93%	0.046%
276	15.136	15.111	15.162	VV	4228	80284	1.37%	0.068%
277	15.175	15.162	15.236	VV	3128	68221	1.17%	0.058%
278	15.279	15.236	15.314	VV	16168	238306	4.08%	0.202%
279	15.317	15.314	15.341	VV	1817	20147	0.35%	0.017%
280	15.352	15.341	15.357	VV	595	4131	0.07%	0.003%
281	15.374	15.357	15.396	VV	877	16190	0.28%	0.014%
282	15.404	15.396	15.408	VV	798	5351	0.09%	0.005%
283	15.443	15.408	15.455	VV	3252	59630	1.02%	0.050%
284	15.467	15.455	15.482	VV	2806	39172	0.67%	0.033%
285	15.508	15.482	15.528	VV	11680	162085	2.78%	0.137%

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286	15.545	15.528	15.572	VV	6706	90495	1.55%	0.077%
287	15.587	15.572	15.603	VV	1881	27398	0.47%	0.023%
288	15.615	15.603	15.628	VV	1834	22778	0.39%	0.019%
289	15.670	15.628	15.709	VV	5559	163008	2.79%	0.138%
290	15.713	15.709	15.725	VV	973	7678	0.13%	0.006%
291	15.747	15.725	15.772	VV	2368	39639	0.68%	0.034%
292	15.796	15.772	15.811	VV	1376	25663	0.44%	0.022%
293	15.831	15.811	15.847	VV	2818	35795	0.61%	0.030%
294	15.860	15.847	15.874	VV	1500	15865	0.27%	0.013%
295	15.878	15.874	15.887	VV	619	4425	0.08%	0.004%
296	15.925	15.887	15.957	VV	41898	547278	9.37%	0.463%
297	15.973	15.957	15.989	VV	441	5675	0.10%	0.005%
298	16.002	15.989	16.023	VV	497	6955	0.12%	0.006%
299	16.030	16.023	16.052	VV	484	4868	0.08%	0.004%
300	16.069	16.052	16.078	VV	314	3363	0.06%	0.003%
301	16.116	16.078	16.132	VV	2998	50713	0.87%	0.043%
302	16.144	16.132	16.160	VV	1924	20124	0.34%	0.017%
303	16.177	16.160	16.194	VV	1306	18179	0.31%	0.015%
304	16.216	16.194	16.240	VV	1808	36214	0.62%	0.031%
305	16.256	16.240	16.265	VV	1242	15472	0.26%	0.013%
306	16.291	16.265	16.303	VV	2973	46480	0.80%	0.039%
307	16.319	16.303	16.350	VV	3668	56814	0.97%	0.048%
308	16.399	16.350	16.414	VV	357313	5078022	86.96%	4.296%
309	16.433	16.414	16.460	VV	419812	4724703	80.91%	3.997%
310	16.486	16.460	16.505	VV	11838	159938	2.74%	0.135%
311	16.523	16.505	16.546	VV	8020	106622	1.83%	0.090%
312	16.558	16.546	16.577	VV	2197	30420	0.52%	0.026%
313	16.580	16.577	16.614	VV	1113	13114	0.22%	0.011%
314	16.642	16.614	16.662	VV	3776	54419	0.93%	0.046%
315	16.711	16.662	16.737	VV	22599	345929	5.92%	0.293%
316	16.779	16.737	16.814	VV	373975	4798199	82.17%	4.059%
317	16.870	16.814	16.900	VV	46161	623477	10.68%	0.527%
318	16.919	16.900	16.960	VV	2928	57480	0.98%	0.049%
319	17.007	16.960	17.052	VV	3556	110106	1.89%	0.093%
320	17.069	17.052	17.090	VV	1328	18628	0.32%	0.016%
321	17.134	17.090	17.164	VV	4492	100730	1.73%	0.085%
322	17.171	17.164	17.199	VV	1803	20536	0.35%	0.017%
323	17.230	17.199	17.247	PV	2641	38900	0.67%	0.033%
324	17.264	17.247	17.280	VV	3668	51888	0.89%	0.044%
325	17.292	17.280	17.308	VV	2873	33659	0.58%	0.028%
326	17.320	17.308	17.331	VV	1619	19722	0.34%	0.017%
327	17.350	17.331	17.368	VV	2702	40245	0.69%	0.034%
328	17.379	17.368	17.398	VV	1440	19020	0.33%	0.016%
329	17.423	17.398	17.450	VV	2868	49227	0.84%	0.042%

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330	17.466	17.450	17.481	VV	1358	17666	0.30%	0.015%
331	17.486	17.481	17.506	VV	697	8178	0.14%	0.007%
332	17.519	17.506	17.525	VV	872	7109	0.12%	0.006%
333	17.536	17.525	17.562	VV	1230	20353	0.35%	0.017%
334	17.568	17.562	17.589	VV	746	6720	0.12%	0.006%
335	17.609	17.589	17.621	PV	1011	12736	0.22%	0.011%
336	17.645	17.621	17.659	VV	877	14459	0.25%	0.012%
337	17.755	17.659	17.790	VV	37684	592678	10.15%	0.501%
338	17.816	17.790	17.833	VV	1835	33589	0.58%	0.028%
339	17.860	17.833	17.882	VV	2319	45233	0.77%	0.038%
340	17.905	17.882	17.910	VV	2405	31166	0.53%	0.026%
341	17.925	17.910	17.952	VV	2911	48751	0.83%	0.041%
342	17.982	17.952	18.009	VV	1592	30013	0.51%	0.025%
343	18.043	18.009	18.085	VV	5528	107096	1.83%	0.091%
344	18.145	18.085	18.160	VV	331513	4831104	82.73%	4.087%
345	18.183	18.160	18.209	VV	335971	4283530	73.36%	3.624%
346	18.219	18.209	18.241	VV	2470	30543	0.52%	0.026%
347	18.267	18.241	18.282	VV	5308	70157	1.20%	0.059%
348	18.299	18.282	18.355	VV	5996	103414	1.77%	0.087%
349	18.401	18.355	18.448	PV	307189	4203801	71.99%	3.556%
350	18.470	18.448	18.485	PV	854	8380	0.14%	0.007%

Sum of corrected areas: 118206790

Aromatic EPH 081125.M Wed Aug 13 00:55:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069641.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 16:32
Operator : YP/AJ
Sample : Q2743-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1MSD

Integration File: autoint1.e
Quant Time: Aug 13 01:17:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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			
12) S	1-chlorooctadecane (S...	13.102	3444063	31.590 ug/ml
Spiked Amount	50.000		Recovery =	63.18%
	Target Compounds			
1) T	n-Nonane (C9)	3.395	2695509	18.920 ug/ml
2) T	n-Decane (C10)	4.469	3189146	21.936 ug/ml
4) T	n-Dodecane (C12)	6.494	3555349	24.321 ug/ml
6) T	n-Tetradecane (C14)	8.294	3708499	25.986 ug/ml
7) T	n-Hexadecane (C16)	9.899	3885829	26.955 ug/ml
8) T	n-Octadecane (C18)	11.343	3862214	27.312 ug/ml
10) T	n-Eicosane (C20)	12.655	3823913	29.029 ug/ml
11) T	n-Heneicosane (C21)	13.268	3642383	28.558 ug/ml
13) T	n-Docosane (C22)	13.855	3560757	28.504 ug/ml
14) T	n-Tetracosane (C24)	14.961	3446142	28.558 ug/ml
15) T	n-Hexacosane (C26)	15.982	3280691	28.392 ug/ml
16) T	n-Octacosane (C28)	16.934	3145187	28.060 ug/ml
17) T	n-Tricontane (C30)	17.823	3082610	26.923 ug/ml
18) T	n-Dotriacontane (C32)	18.656	3036059	27.332 ug/ml
19) T	n-Tetratriacontane (C34)	19.441	2980870	29.275 ug/ml
20) T	n-Hexatriacontane (C36)	20.183	2856041	32.031 ug/ml
21) T	n-Octatriacontane (C38)	20.948	2796410	34.763 ug/ml
22) T	n-Tetracontane (C40)	21.911	2648132	35.364 ug/ml

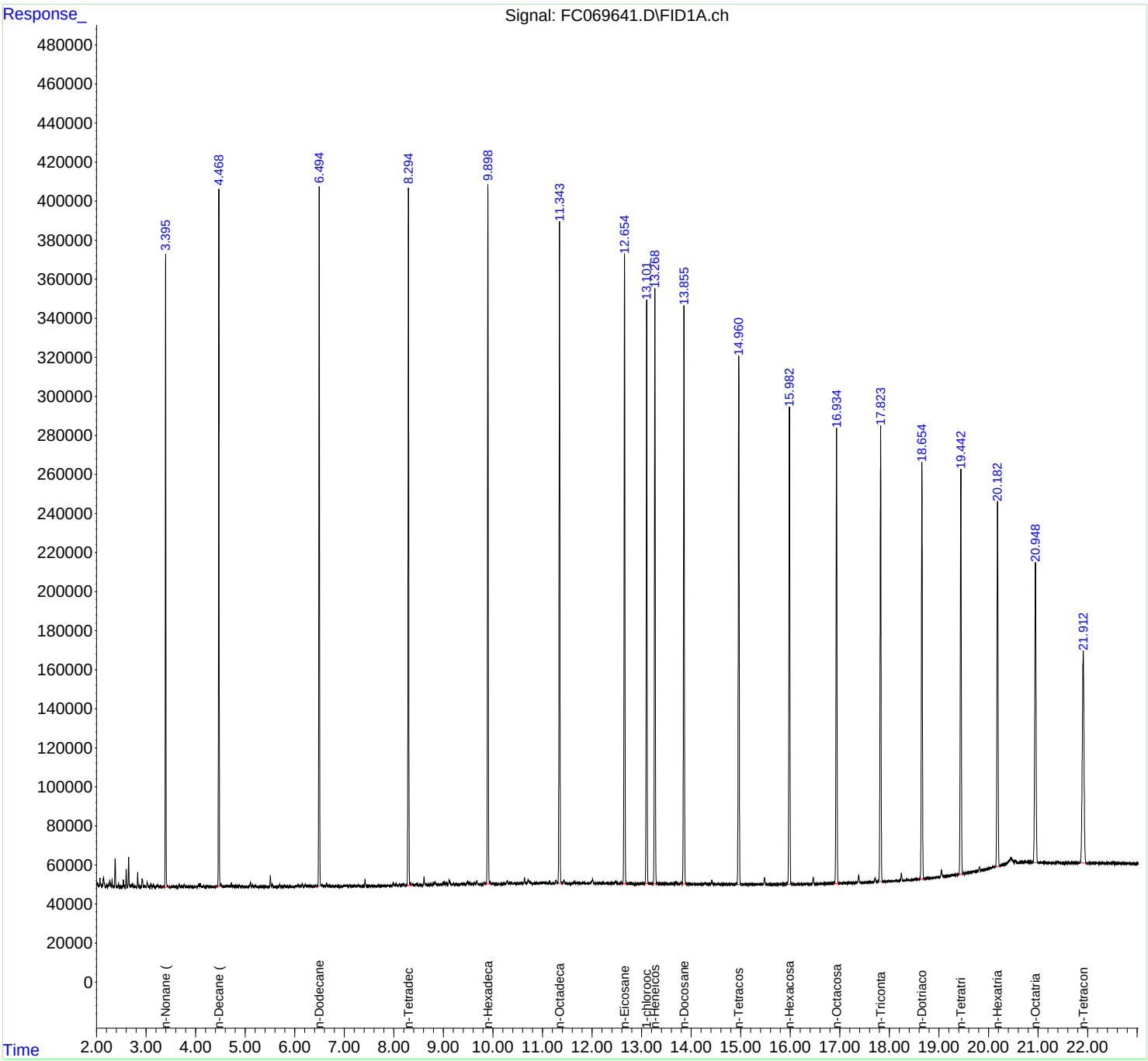
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069641.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 16:32
Operator : YP/AJ
Sample : Q2743-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1MSD

Integration File: autoint1.e
Quant Time: Aug 13 01:17:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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\FC081225AL\
Data File : FC069641.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 16:32
Sample : Q2743-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.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	3.218	3.204	3.233	PH	748	7550	0.19%	0.010%
2	3.244	3.233	3.261	PV	562	2998	0.08%	0.004%
3	3.272	3.261	3.281	PV	269	2221	0.06%	0.003%
4	3.289	3.281	3.312	VV	284	2946	0.07%	0.004%
5	3.343	3.312	3.365	PV	387	4488	0.11%	0.006%
6	3.395	3.365	3.474	VV	320858	2696689	68.17%	3.738%
7	3.497	3.474	3.508	PV	262	2873	0.07%	0.004%
8	3.523	3.508	3.538	VV	591	6852	0.17%	0.009%
9	3.548	3.538	3.563	VV	420	4132	0.10%	0.006%
10	3.591	3.563	3.627	VV	644	11965	0.30%	0.017%
11	3.670	3.627	3.693	VV	1488	21670	0.55%	0.030%
12	3.716	3.693	3.751	VV	806	12595	0.32%	0.017%
13	3.770	3.751	3.794	VV	1361	15382	0.39%	0.021%
14	3.804	3.794	3.817	VV	382	4378	0.11%	0.006%
15	3.836	3.817	3.854	VV	406	7206	0.18%	0.010%
16	3.865	3.854	3.881	VV	419	3615	0.09%	0.005%
17	3.894	3.881	3.928	VV	804	10795	0.27%	0.015%
18	3.942	3.928	3.957	VV	525	4035	0.10%	0.006%
19	3.986	3.957	4.011	PV	485	9939	0.25%	0.014%
20	4.018	4.011	4.033	VV	299	2642	0.07%	0.004%
21	4.066	4.033	4.081	VV	1883	23950	0.61%	0.033%
22	4.095	4.081	4.148	VV	2086	27196	0.69%	0.038%
23	4.163	4.148	4.183	VV	1336	13157	0.33%	0.018%
24	4.244	4.183	4.260	VV	803	15208	0.38%	0.021%
25	4.276	4.260	4.301	VV	719	9827	0.25%	0.014%

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26	4.312	4.301	4.323	VV	311	3045	0.08%	0.004%
27	4.336	4.323	4.356	VV	291	3570	0.09%	0.005%
28	4.386	4.356	4.407	VV	461	8243	0.21%	0.011%
29	4.423	4.407	4.439	VV	379	5735	0.14%	0.008%
30	4.469	4.439	4.499	VV	356966	3206163	81.05%	4.445%
31	4.514	4.499	4.532	VV	2017	22615	0.57%	0.031%
32	4.540	4.532	4.553	VV	489	5441	0.14%	0.008%
33	4.574	4.553	4.599	VV	602	11299	0.29%	0.016%
34	4.636	4.599	4.655	VV	957	18786	0.47%	0.026%
35	4.670	4.655	4.680	VV	686	7774	0.20%	0.011%
36	4.693	4.680	4.707	VV	1030	11605	0.29%	0.016%
37	4.723	4.707	4.741	VV	2125	21720	0.55%	0.030%
38	4.755	4.741	4.768	VV	781	8810	0.22%	0.012%
39	4.777	4.768	4.791	VV	607	6848	0.17%	0.009%
40	4.802	4.791	4.815	VV	527	6057	0.15%	0.008%
41	4.847	4.815	4.864	VV	614	11813	0.30%	0.016%
42	4.885	4.864	4.929	VV	835	15308	0.39%	0.021%
43	4.947	4.929	4.970	VV	1108	11159	0.28%	0.015%
44	4.996	4.970	5.014	VV	341	5957	0.15%	0.008%
45	5.022	5.014	5.049	VV	346	4608	0.12%	0.006%
46	5.078	5.049	5.091	PV	983	10702	0.27%	0.015%
47	5.105	5.091	5.134	VV	2331	27608	0.70%	0.038%
48	5.151	5.134	5.179	VV	859	14321	0.36%	0.020%
49	5.211	5.179	5.258	VV	800	15688	0.40%	0.022%
50	5.312	5.258	5.361	PV	359	11012	0.28%	0.015%
51	5.374	5.361	5.388	VV	289	3876	0.10%	0.005%
52	5.403	5.388	5.420	VV	560	7036	0.18%	0.010%
53	5.430	5.420	5.452	VV	276	4157	0.11%	0.006%
54	5.464	5.452	5.484	VV	211	2869	0.07%	0.004%
55	5.508	5.484	5.527	VV	5634	54960	1.39%	0.076%
56	5.544	5.527	5.566	VV	1187	16451	0.42%	0.023%
57	5.578	5.566	5.591	VV	270	2828	0.07%	0.004%
58	5.603	5.591	5.619	VV	198	1642	0.04%	0.002%
59	5.644	5.619	5.661	PV	107	1435	0.04%	0.002%
60	5.697	5.661	5.733	VV	1223	17913	0.45%	0.025%
61	5.755	5.733	5.772	VV	244	3778	0.10%	0.005%
62	5.795	5.772	5.838	VV	685	12411	0.31%	0.017%
63	5.858	5.838	5.874	VV	361	4350	0.11%	0.006%
64	5.886	5.874	5.893	VV	235	1737	0.04%	0.002%
65	5.920	5.893	5.948	VV	394	6770	0.17%	0.009%
66	5.965	5.948	5.990	VV	334	4301	0.11%	0.006%
67	6.033	5.990	6.048	VV	489	10930	0.28%	0.015%
68	6.067	6.048	6.088	VV	1389	17898	0.45%	0.025%
69	6.108	6.088	6.127	VV	943	11218	0.28%	0.016%

rteres

70	6.151	6.127	6.185	VV	1433	21742	0.55%	0.030%
71	6.212	6.185	6.231	VV	1250	16264	0.41%	0.023%
72	6.251	6.231	6.268	VV	413	7632	0.19%	0.011%
73	6.286	6.268	6.321	VV	572	14036	0.35%	0.019%
74	6.332	6.321	6.355	VV	455	7238	0.18%	0.010%
75	6.375	6.355	6.392	VV	500	7725	0.20%	0.011%
76	6.424	6.392	6.441	VV	635	12919	0.33%	0.018%
77	6.494	6.441	6.568	VV	359500	3593775	90.85%	4.982%
78	6.577	6.568	6.600	VV	543	8946	0.23%	0.012%
79	6.611	6.600	6.622	VV	443	5248	0.13%	0.007%
80	6.642	6.622	6.666	VV	1954	25333	0.64%	0.035%
81	6.682	6.666	6.704	VV	561	10973	0.28%	0.015%
82	6.717	6.704	6.744	VV	526	7257	0.18%	0.010%
83	6.765	6.744	6.794	VV	505	7911	0.20%	0.011%
84	6.822	6.794	6.848	VV	566	9177	0.23%	0.013%
85	6.894	6.848	6.921	VV	289	8129	0.21%	0.011%
86	6.937	6.921	6.954	PV	365	4928	0.12%	0.007%
87	6.960	6.954	6.972	VV	258	2323	0.06%	0.003%
88	6.993	6.972	7.031	VV	822	18150	0.46%	0.025%
89	7.052	7.031	7.084	VV	838	14271	0.36%	0.020%
90	7.116	7.084	7.138	VV	688	14965	0.38%	0.021%
91	7.154	7.138	7.175	VV	582	6786	0.17%	0.009%
92	7.198	7.175	7.242	VV	861	15298	0.39%	0.021%
93	7.279	7.242	7.320	VV	1190	20596	0.52%	0.029%
94	7.334	7.320	7.368	VV	315	6479	0.16%	0.009%
95	7.384	7.368	7.398	VV	553	6921	0.17%	0.010%
96	7.419	7.398	7.452	VV	3784	42809	1.08%	0.059%
97	7.484	7.452	7.498	VV	319	7296	0.18%	0.010%
98	7.511	7.498	7.531	VV	525	6952	0.18%	0.010%
99	7.595	7.531	7.657	VV	620	20403	0.52%	0.028%
100	7.683	7.657	7.704	PV	731	9488	0.24%	0.013%
101	7.718	7.704	7.744	VV	452	7406	0.19%	0.010%
102	7.763	7.744	7.784	VV	405	7449	0.19%	0.010%
103	7.808	7.784	7.832	VV	549	10021	0.25%	0.014%
104	7.851	7.832	7.864	VV	545	7800	0.20%	0.011%
105	7.875	7.864	7.920	VV	581	13918	0.35%	0.019%
106	7.942	7.920	7.961	VV	544	8889	0.22%	0.012%
107	7.987	7.961	8.011	VV	2249	31673	0.80%	0.044%
108	8.043	8.011	8.074	VV	1826	33228	0.84%	0.046%
109	8.081	8.074	8.094	VV	603	6614	0.17%	0.009%
110	8.113	8.094	8.131	VV	1165	17787	0.45%	0.025%
111	8.171	8.131	8.184	VV	882	23968	0.61%	0.033%
112	8.199	8.184	8.231	VV	1267	22858	0.58%	0.032%

rteres

113	8.294	8.231	8.331	VV	359295	3733300	94.38%	5.175%
114	8.340	8.331	8.365	VV	1436	22358	0.57%	0.031%
115	8.388	8.365	8.424	VV	1024	28841	0.73%	0.040%
116	8.458	8.424	8.508	VV	1151	43733	1.11%	0.061%
117	8.525	8.508	8.552	VV	959	18451	0.47%	0.026%
118	8.565	8.552	8.578	VV	556	8673	0.22%	0.012%
119	8.609	8.578	8.681	VV	4879	95251	2.41%	0.132%
120	8.698	8.681	8.711	VV	889	15425	0.39%	0.021%
121	8.756	8.711	8.771	VV	1176	34334	0.87%	0.048%
122	8.786	8.771	8.808	VV	1192	23304	0.59%	0.032%
123	8.829	8.808	8.874	VV	2304	53291	1.35%	0.074%
124	8.898	8.874	8.930	VV	1086	31316	0.79%	0.043%
125	9.014	8.930	9.034	VV	1832	74469	1.88%	0.103%
126	9.053	9.034	9.091	VV	1523	41456	1.05%	0.057%
127	9.116	9.091	9.180	VV	3171	84913	2.15%	0.118%
128	9.202	9.180	9.231	VV	1345	30854	0.78%	0.043%
129	9.250	9.231	9.264	VV	1168	19742	0.50%	0.027%
130	9.273	9.264	9.295	VV	1072	16614	0.42%	0.023%
131	9.355	9.295	9.388	VV	1211	55231	1.40%	0.077%
132	9.414	9.388	9.444	VV	1303	36298	0.92%	0.050%
133	9.489	9.444	9.522	VV	2276	65857	1.66%	0.091%
134	9.535	9.522	9.559	VV	1543	28095	0.71%	0.039%
135	9.573	9.559	9.601	VV	1244	27548	0.70%	0.038%
136	9.626	9.601	9.648	VV	1623	36532	0.92%	0.051%
137	9.675	9.648	9.701	VV	2932	52945	1.34%	0.073%
138	9.738	9.701	9.748	VV	1061	26655	0.67%	0.037%
139	9.765	9.748	9.780	VV	1005	17610	0.45%	0.024%
140	9.818	9.780	9.864	VV	1468	57871	1.46%	0.080%
141	9.898	9.864	9.974	VV	358015	3955674	100.00%	5.484%
142	9.983	9.974	9.994	VV	1364	15893	0.40%	0.022%
143	10.000	9.994	10.049	VV	1373	36543	0.92%	0.051%
144	10.069	10.049	10.096	VV	1136	28099	0.71%	0.039%
145	10.120	10.096	10.155	VV	1221	38055	0.96%	0.053%
146	10.175	10.155	10.194	VV	1182	24562	0.62%	0.034%
147	10.287	10.194	10.313	VV	2544	102793	2.60%	0.143%
148	10.337	10.313	10.356	VV	1698	36909	0.93%	0.051%
149	10.377	10.356	10.404	VV	1528	38019	0.96%	0.053%
150	10.432	10.404	10.467	VV	1480	47494	1.20%	0.066%
151	10.484	10.467	10.510	VV	1211	28541	0.72%	0.040%
152	10.535	10.510	10.551	VV	1536	33329	0.84%	0.046%
153	10.569	10.551	10.597	VV	1602	39403	1.00%	0.055%
154	10.636	10.597	10.678	VV	3802	91263	2.31%	0.127%
155	10.709	10.678	10.748	VV	3089	87999	2.22%	0.122%

rteres

156	10.754	10.748	10.790	VV	1791	39687	1.00%	0.055%
157	10.808	10.790	10.816	VV	1255	18712	0.47%	0.026%
158	10.855	10.816	10.871	VV	1430	42895	1.08%	0.059%
159	10.889	10.871	10.908	VV	1430	29464	0.74%	0.041%
160	10.916	10.908	10.938	VV	1315	22157	0.56%	0.031%
161	10.961	10.938	10.994	VV	1578	46442	1.17%	0.064%
162	11.030	10.994	11.046	VV	1611	46365	1.17%	0.064%
163	11.058	11.046	11.078	VV	1557	27362	0.69%	0.038%
164	11.092	11.078	11.111	VV	1481	25981	0.66%	0.036%
165	11.144	11.111	11.181	VV	2389	61965	1.57%	0.086%
166	11.199	11.181	11.221	VV	1241	28034	0.71%	0.039%
167	11.273	11.221	11.304	VV	2738	78586	1.99%	0.109%
168	11.343	11.304	11.400	VV	339026	3934574	99.47%	5.455%
169	11.433	11.400	11.479	VV	2977	78815	1.99%	0.109%
170	11.498	11.479	11.516	VV	1129	24064	0.61%	0.033%
171	11.641	11.516	11.679	VV	1540	114664	2.90%	0.159%
172	11.698	11.679	11.712	VV	1316	23787	0.60%	0.033%
173	11.737	11.712	11.765	VV	1528	41239	1.04%	0.057%
174	11.776	11.765	11.785	VV	1280	14688	0.37%	0.020%
175	11.803	11.785	11.813	VV	1413	21759	0.55%	0.030%
176	11.826	11.813	11.844	VV	1354	23181	0.59%	0.032%
177	11.853	11.844	11.879	VV	1274	23920	0.60%	0.033%
178	11.898	11.879	11.927	VV	1260	33086	0.84%	0.046%
179	11.945	11.927	11.959	VV	1301	22772	0.58%	0.032%
180	12.010	11.959	12.042	VV	3116	91255	2.31%	0.127%
181	12.055	12.042	12.078	VV	1220	23892	0.60%	0.033%
182	12.112	12.078	12.130	VV	1181	34610	0.87%	0.048%
183	12.143	12.130	12.194	VV	1178	41871	1.06%	0.058%
184	12.231	12.194	12.263	VV	1390	49579	1.25%	0.069%
185	12.288	12.263	12.335	VV	1275	49984	1.26%	0.069%
186	12.352	12.335	12.368	VV	1159	20119	0.51%	0.028%
187	12.388	12.368	12.401	VV	1139	21438	0.54%	0.030%
188	12.421	12.401	12.450	VV	1195	33219	0.84%	0.046%
189	12.477	12.450	12.498	VV	2041	43204	1.09%	0.060%
190	12.513	12.498	12.558	VV	1317	37699	0.95%	0.052%
191	12.591	12.558	12.613	VV	1563	38845	0.98%	0.054%
192	12.655	12.613	12.697	VV	324566	3865489	97.72%	5.359%
193	12.711	12.697	12.732	VV	1012	19633	0.50%	0.027%
194	12.773	12.732	12.825	VV	1041	48052	1.21%	0.067%
195	12.844	12.825	12.861	VV	774	15171	0.38%	0.021%
196	12.874	12.861	12.887	VV	706	10447	0.26%	0.014%
197	12.917	12.887	12.961	VV	875	35652	0.90%	0.049%
198	12.980	12.961	12.998	VV	820	16527	0.42%	0.023%
199	13.050	12.998	13.064	VV	924	32226	0.81%	0.045%

rteres

200	13.102	13.064	13.138	VV	299842	3481679	88.02%	4.827%
201	13.150	13.138	13.188	VV	977	26223	0.66%	0.036%
202	13.209	13.188	13.227	VV	924	18901	0.48%	0.026%
203	13.268	13.227	13.308	VV	304225	3677413	92.97%	5.098%
204	13.320	13.308	13.422	VV	881	49459	1.25%	0.069%
205	13.438	13.422	13.449	VV	716	10357	0.26%	0.014%
206	13.494	13.449	13.520	VV	814	30022	0.76%	0.042%
207	13.540	13.520	13.591	VV	828	29833	0.75%	0.041%
208	13.612	13.591	13.625	VV	763	13040	0.33%	0.018%
209	13.644	13.625	13.671	VV	1029	20856	0.53%	0.029%
210	13.694	13.671	13.741	VV	1220	33148	0.84%	0.046%
211	13.754	13.741	13.776	VV	653	12188	0.31%	0.017%
212	13.802	13.776	13.818	VV	1026	19307	0.49%	0.027%
213	13.855	13.818	13.900	VV	294927	3580283	90.51%	4.963%
214	13.909	13.900	13.925	VV	629	8220	0.21%	0.011%
215	13.940	13.925	13.973	VV	538	12784	0.32%	0.018%
216	13.990	13.973	14.033	VV	536	14246	0.36%	0.020%
217	14.082	14.033	14.134	VV	573	27006	0.68%	0.037%
218	14.183	14.134	14.201	VV	520	15304	0.39%	0.021%
219	14.219	14.201	14.237	VV	408	7922	0.20%	0.011%
220	14.245	14.237	14.253	VV	442	3979	0.10%	0.006%
221	14.291	14.253	14.354	VV	1357	34183	0.86%	0.047%
222	14.369	14.354	14.391	VV	459	8038	0.20%	0.011%
223	14.416	14.391	14.454	VV	2255	33243	0.84%	0.046%
224	14.475	14.454	14.528	VV	353	13219	0.33%	0.018%
225	14.541	14.528	14.574	VV	468	10223	0.26%	0.014%
226	14.584	14.574	14.608	VV	299	5447	0.14%	0.008%
227	14.619	14.608	14.631	VV	348	4052	0.10%	0.006%
228	14.634	14.631	14.659	VV	316	4503	0.11%	0.006%
229	14.669	14.659	14.688	VV	317	4582	0.12%	0.006%
230	14.698	14.688	14.746	VV	340	8985	0.23%	0.012%
231	14.765	14.746	14.786	VV	316	5619	0.14%	0.008%
232	14.810	14.786	14.838	VV	379	8511	0.22%	0.012%
233	14.854	14.838	14.868	VV	209	2969	0.08%	0.004%
234	14.913	14.868	14.921	VV	564	9146	0.23%	0.013%
235	14.961	14.921	15.034	VV	270933	3449999	87.22%	4.783%
236	15.037	15.034	15.045	VV	152	750	0.02%	0.001%
237	15.071	15.045	15.081	VV	204	3275	0.08%	0.005%
238	15.092	15.081	15.138	VV	129	4209	0.11%	0.006%
239	15.147	15.138	15.177	VV	173	3225	0.08%	0.004%
240	15.195	15.177	15.238	VV	192	4572	0.12%	0.006%
241	15.241	15.238	15.249	VV	142	708	0.02%	0.001%
242	15.292	15.249	15.321	VV	240	5241	0.13%	0.007%

rteres

243	15.352	15.321	15.378	VV	232	4799	0.12%	0.007%
244	15.384	15.378	15.415	VV	141	1943	0.05%	0.003%
245	15.434	15.415	15.444	VV	99	1409	0.04%	0.002%
246	15.478	15.444	15.511	VV	3483	45734	1.16%	0.063%
247	15.524	15.511	15.578	VV	155	3195	0.08%	0.004%
248	15.582	15.578	15.601	VV	126	581	0.01%	0.001%
249	15.629	15.601	15.644	VV	113	1643	0.04%	0.002%
250	15.654	15.644	15.682	VV	137	1767	0.04%	0.002%
251	15.697	15.682	15.720	VV	139	1466	0.04%	0.002%
252	15.732	15.720	15.761	VV	136	1929	0.05%	0.003%
253	15.804	15.761	15.830	VV	300	6531	0.17%	0.009%
254	15.854	15.830	15.891	VV	239	5474	0.14%	0.008%
255	15.982	15.891	16.068	VV	243541	3287031	83.10%	4.557%
256	16.075	16.068	16.134	VV	116	2459	0.06%	0.003%
257	16.153	16.134	16.171	VV	102	1730	0.04%	0.002%
258	16.179	16.171	16.194	VV	129	1371	0.03%	0.002%
259	16.231	16.194	16.254	PV	105	2525	0.06%	0.004%
260	16.290	16.254	16.312	VV	263	4864	0.12%	0.007%
261	16.341	16.312	16.389	VV	205	6073	0.15%	0.008%
262	16.464	16.389	16.520	PV	3562	54373	1.37%	0.075%
263	16.538	16.520	16.564	VV	130	1936	0.05%	0.003%
264	16.639	16.564	16.664	VV	199	6665	0.17%	0.009%
265	16.713	16.664	16.721	VV	178	4144	0.10%	0.006%
266	16.761	16.721	16.791	VV	286	6466	0.16%	0.009%
267	16.813	16.791	16.848	VV	388	6925	0.18%	0.010%
268	16.934	16.848	16.997	VV	233576	3150818	79.65%	4.368%
269	17.029	16.997	17.113	VV	143	6568	0.17%	0.009%
270	17.147	17.113	17.247	VV	222	9691	0.24%	0.013%
271	17.274	17.247	17.298	PV	220	3990	0.10%	0.006%
272	17.381	17.298	17.417	VV	3749	58578	1.48%	0.081%
273	17.427	17.417	17.447	VV	95	1119	0.03%	0.002%
274	17.510	17.447	17.535	PV	239	5854	0.15%	0.008%
275	17.612	17.535	17.634	VV	146	5438	0.14%	0.008%
276	17.711	17.634	17.748	VV	2030	33903	0.86%	0.047%
277	17.823	17.748	17.864	VV	233764	3096961	78.29%	4.293%
278	17.909	17.864	17.934	VV	114	2959	0.07%	0.004%
279	17.978	17.934	18.030	VV	442	12359	0.31%	0.017%
280	18.041	18.030	18.060	VV	163	1849	0.05%	0.003%
281	18.091	18.060	18.114	VV	313	5290	0.13%	0.007%
282	18.138	18.114	18.158	VV	193	3023	0.08%	0.004%
283	18.242	18.158	18.280	PV	4012	60492	1.53%	0.084%
284	18.308	18.280	18.318	PV	162	2490	0.06%	0.003%
285	18.345	18.318	18.371	VV	434	7930	0.20%	0.011%

rteres

286	18.509	18.371	18.531	VV	273	10367	0.26%	0.014%
287	18.556	18.531	18.571	VV	234	3534	0.09%	0.005%
288	18.656	18.571	18.708	VV	206769	3040755	76.87%	4.215%
289	18.762	18.708	18.791	PV	226	4526	0.11%	0.006%
290	18.821	18.791	18.844	VV	207	4045	0.10%	0.006%
291	18.907	18.844	18.934	VV	274	6762	0.17%	0.009%
292	18.983	18.934	18.996	VV	292	6958	0.18%	0.010%
293	19.051	18.996	19.130	VV	3473	63591	1.61%	0.088%
294	19.172	19.130	19.182	VV	440	10183	0.26%	0.014%
295	19.189	19.182	19.195	VV	378	2681	0.07%	0.004%
296	19.305	19.195	19.327	VV	645	38524	0.97%	0.053%
297	19.441	19.327	19.508	VV	206432	3054557	77.22%	4.235%
298	19.728	19.508	19.760	VV	1463	168497	4.26%	0.234%
299	19.816	19.760	19.845	VV	3297	98696	2.50%	0.137%
300	20.088	19.845	20.111	VV	2822	329563	8.33%	0.457%
301	20.183	20.111	20.226	VV	190580	3051140	77.13%	4.230%
302	20.454	20.226	20.518	VV	6304	741962	18.76%	1.029%
303	20.541	20.518	20.600	VV	5169	208750	5.28%	0.289%
304	20.730	20.600	20.771	VV	3851	383510	9.70%	0.532%
305	20.822	20.771	20.888	VV	3540	239497	6.05%	0.332%
306	20.948	20.888	21.001	VV	157073	2995827	75.73%	4.153%
307	21.019	21.001	21.030	VV	2779	47604	1.20%	0.066%
308	21.046	21.030	21.108	VV	2712	122052	3.09%	0.169%
309	21.118	21.108	21.193	VV	2529	124185	3.14%	0.172%
310	21.203	21.193	21.258	VV	2303	83180	2.10%	0.115%
311	21.280	21.258	21.298	VV	2039	48509	1.23%	0.067%
312	21.309	21.298	21.350	VV	1956	58593	1.48%	0.081%
313	21.394	21.350	21.511	VV	2293	169207	4.28%	0.235%
314	21.563	21.511	21.605	VV	1363	74168	1.87%	0.103%
315	21.613	21.605	21.647	VV	1180	28554	0.72%	0.040%
316	21.657	21.647	21.701	VV	1128	33016	0.83%	0.046%
317	21.722	21.701	21.735	VV	958	18102	0.46%	0.025%
318	21.786	21.735	21.804	VV	768	32265	0.82%	0.045%
319	21.911	21.804	22.048	VV	109398	2702621	68.32%	3.747%

Sum of corrected areas: 72134186

Aliphatic EPH 080125.M Wed Aug 13 05:16:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049622.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 16:32
Operator : YP/AJ
Sample : Q2743-01MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WC1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:30:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	7.716	5117515	49.933 ug/ml
Spiked Amount	50.000		Recovery =	99.87%
6) S	2-Flurobiphenyl (SURR)	8.582	3645141	49.902 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	99.80%
11) S	ortho-Terphenyl (SURR)	11.626	4308988	33.198 ug/ml
Spiked Amount	50.000		Recovery =	66.40%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.507	3175919	31.376 ug/ml
2) T	Naphthalene (C11.7)	6.050	3854419	33.616 ug/ml
3) T	2-Methylnaphthalene (...	7.104	3830750	32.112 ug/ml
5) T	Acenaphthylene (C15.06)	8.384	4540202	36.116 ug/ml
7) T	Acenaphthene (C15.5)	8.681	4547311	36.166 ug/ml
8) T	Flouorene (C16.55)	9.462	4861714	38.399 ug/ml
9) T	Phenanthrene (C19.36)	10.861	5344860	41.376 ug/ml
10) T	Anthracene (C19.43)	10.937	5079066	41.228 ug/ml
12) T	Fluoranthene (C21.85)	12.677	5758653	44.984 ug/ml
13) T	Pyrene (C20.8)	12.976	5704930	44.933 ug/ml
14) T	Benzo[a]anthracene (C...	14.848	5197374	45.040 ug/ml
15) T	Chrysene (C27.41)	14.892	5761296	49.207 ug/ml
16) T	benzo[b]fluoranthene ...	16.400	5053964	44.437 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.434	4721146	44.103 ug/mlm
18) T	Benzo[a]pyrene (C31.34)	16.780	4757245	42.883 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.146	4792228	46.491 ug/ml
20) T	Dibenz[a,h]anthracene...	18.183	4275922	39.229 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.401	4163601	38.102 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049622.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 16:32
Operator : YP/AJ
Sample : Q2743-01MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

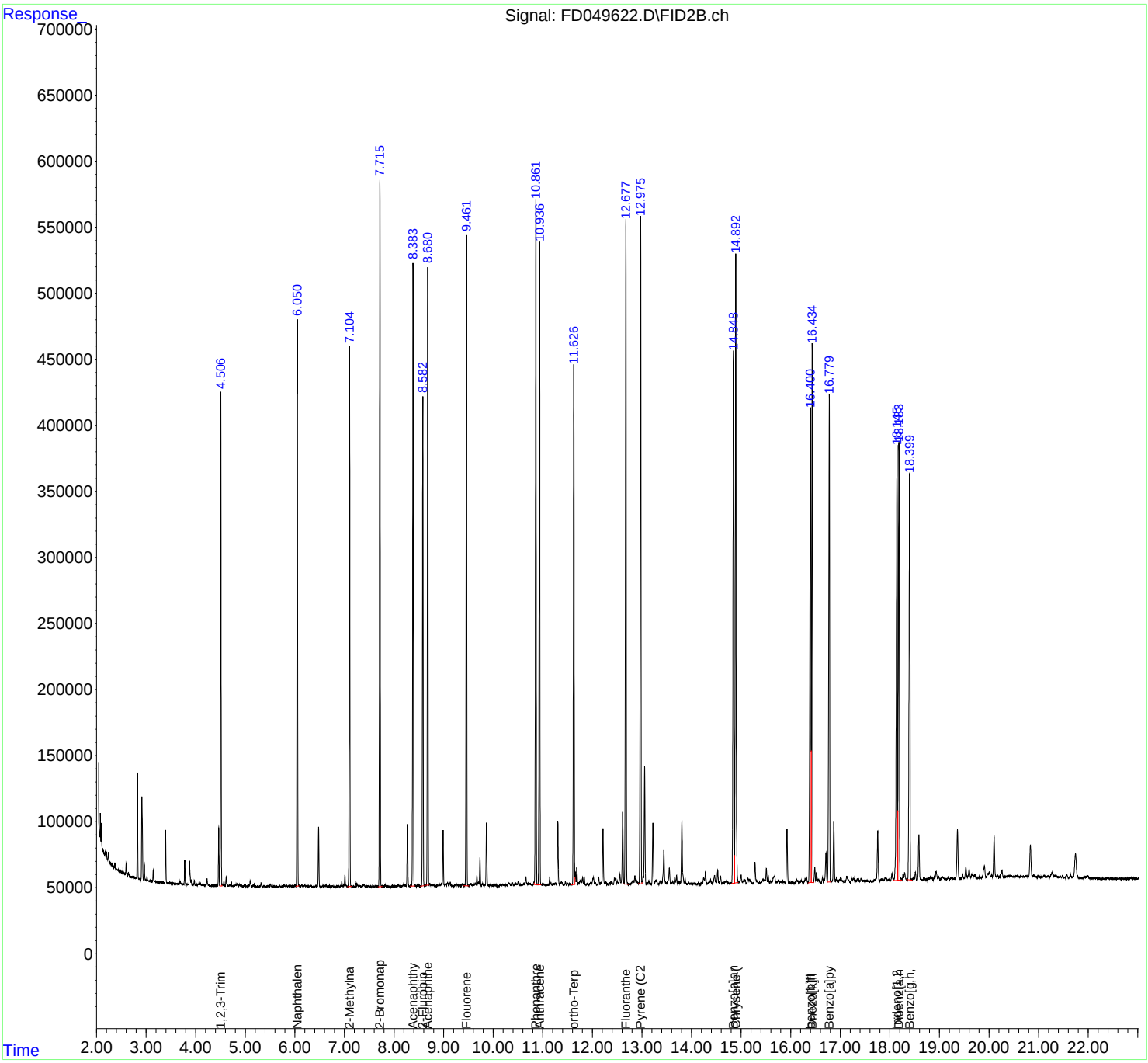
Instrument :
FID_D
ClientSampleId :
WC1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:30:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :
FID_D
ClientSampleId :
WC1MSD

rteres

Area Percent

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Da
Data File : FD049622.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 16:32
Sample : Q2743-01MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.263	4.252	4.280	BV	440	3052	0.05%	0.003%
2	4.323	4.319	4.335	VV	268	1686	0.03%	0.001%
3	4.358	4.335	4.381	PV	425	5732	0.10%	0.005%
4	4.396	4.381	4.406	VV	598	5954	0.10%	0.005%
5	4.420	4.406	4.437	VV	1293	12927	0.22%	0.011%
6	4.465	4.437	4.485	PV	44260	394837	6.80%	0.335%
7	4.507	4.485	4.531	VV	374077	3178372	54.73%	2.697%
8	4.539	4.531	4.554	VV	1604	15697	0.27%	0.013%
9	4.570	4.554	4.597	VV	3730	41373	0.71%	0.035%
10	4.615	4.597	4.659	VV	7210	84278	1.45%	0.072%
11	4.690	4.659	4.703	VV	1438	18572	0.32%	0.016%
12	4.720	4.703	4.745	VV	2197	22300	0.38%	0.019%
13	4.770	4.745	4.787	VV	542	8185	0.14%	0.007%
14	4.798	4.787	4.807	VV	1247	10434	0.18%	0.009%
15	4.819	4.807	4.829	VV	1690	15435	0.27%	0.013%
16	4.845	4.829	4.862	VV	2597	28050	0.48%	0.024%
17	4.883	4.862	4.902	VV	1977	24741	0.43%	0.021%
18	4.917	4.902	4.952	VV	1464	19754	0.34%	0.017%
19	4.971	4.952	4.984	PV	638	6568	0.11%	0.006%
20	4.996	4.984	5.019	VV	1676	17470	0.30%	0.015%
21	5.024	5.019	5.030	VV	331	1940	0.03%	0.002%
22	5.037	5.030	5.049	VV	251	2183	0.04%	0.002%
23	5.074	5.049	5.081	VV	974	9983	0.17%	0.008%
24	5.101	5.081	5.134	VV	4224	57019	0.98%	0.048%
25	5.138	5.134	5.141	VV	297	1140	0.02%	0.001%

Instrument :
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WC1MSD

rteres

Manual IntegrationsAPPROVED

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26	5.159	5.141	5.171	VV	1680	16724	0.29%	0.014%
27	5.184	5.171	5.254	VV	1851			
28	5.289	5.280	5.305	VV	496			
29	5.319	5.305	5.351	VV	3100			
30	5.374	5.351	5.387	VV	779			
31	5.395	5.387	5.407	VV	578	4822	0.08%	0.004%
32	5.438	5.407	5.447	PV	366	4773	0.08%	0.004%
33	5.451	5.447	5.482	VV	483	6066	0.10%	0.005%
34	5.502	5.482	5.522	PV	2208	23246	0.40%	0.020%
35	5.540	5.522	5.565	VV	2032	24272	0.42%	0.021%
36	5.573	5.565	5.584	VV	318	2584	0.04%	0.002%
37	5.598	5.584	5.631	VV	445	5558	0.10%	0.005%
38	5.653	5.631	5.669	VV	219	2845	0.05%	0.002%
39	5.689	5.669	5.706	VV	744	8903	0.15%	0.008%
40	5.717	5.706	5.729	VV	463	3976	0.07%	0.003%
41	5.744	5.729	5.762	VV	447	5776	0.10%	0.005%
42	5.786	5.762	5.821	VV	1239	23862	0.41%	0.020%
43	5.840	5.821	5.859	VV	807	10466	0.18%	0.009%
44	5.875	5.859	5.885	VV	946	9547	0.16%	0.008%
45	5.890	5.885	5.906	VV	695	6797	0.12%	0.006%
46	5.923	5.906	5.940	VV	726	10205	0.18%	0.009%
47	5.954	5.940	5.975	VV	1099	12197	0.21%	0.010%
48	6.007	5.975	6.025	VV	1187	20970	0.36%	0.018%
49	6.050	6.025	6.087	VV	429809	3877924	66.78%	3.291%
50	6.098	6.087	6.119	VV	1333	15136	0.26%	0.013%
51	6.140	6.119	6.168	VV	1628	22274	0.38%	0.019%
52	6.201	6.168	6.240	VV	1489	32661	0.56%	0.028%
53	6.271	6.240	6.290	VV	749	16060	0.28%	0.014%
54	6.324	6.290	6.345	VV	911	19855	0.34%	0.017%
55	6.350	6.345	6.372	VV	417	4247	0.07%	0.004%
56	6.394	6.372	6.401	VV	343	3544	0.06%	0.003%
57	6.421	6.401	6.447	VV	706	11682	0.20%	0.010%
58	6.480	6.447	6.533	VV	45603	452320	7.79%	0.384%
59	6.538	6.533	6.545	VV	328	1510	0.03%	0.001%
60	6.564	6.545	6.582	VV	772	9954	0.17%	0.008%
61	6.599	6.582	6.614	VV	789	8241	0.14%	0.007%
62	6.629	6.614	6.647	VV	1532	15194	0.26%	0.013%
63	6.667	6.647	6.689	VV	485	8279	0.14%	0.007%
64	6.703	6.689	6.720	VV	715	7283	0.13%	0.006%
65	6.729	6.720	6.734	VV	256	1645	0.03%	0.001%
66	6.759	6.734	6.790	VV	795	12958	0.22%	0.011%
67	6.804	6.790	6.830	VV	443	5988	0.10%	0.005%
68	6.838	6.830	6.847	VV	383	3069	0.05%	0.003%
69	6.883	6.847	6.904	VV	907	17226	0.30%	0.015%

Instrument :
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WC1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

70	6.921	6.904	6.932	VV	808	9663	0.17%	0.008%
71	6.947	6.932	6.965	VV	4036			
72	6.977	6.965	6.987	VV	1308			
73	7.011	6.987	7.029	VV	9039			
74	7.038	7.029	7.063	VV	1332			
75	7.104	7.063	7.163	PV	409029	3855907	66.40%	3.272%
76	7.170	7.163	7.179	VV	535	4139	0.07%	0.004%
77	7.186	7.179	7.194	VV	592	4310	0.07%	0.004%
78	7.197	7.194	7.200	VV	490	1745	0.03%	0.001%
79	7.205	7.200	7.214	VV	559	3734	0.06%	0.003%
80	7.219	7.214	7.223	VV	426	1879	0.03%	0.002%
81	7.239	7.223	7.254	VV	2837	31660	0.55%	0.027%
82	7.263	7.254	7.285	VV	2283	24882	0.43%	0.021%
83	7.296	7.285	7.310	VV	1488	14760	0.25%	0.013%
84	7.320	7.310	7.342	VV	1082	12753	0.22%	0.011%
85	7.345	7.342	7.349	VV	429	1536	0.03%	0.001%
86	7.353	7.349	7.357	VV	338	1503	0.03%	0.001%
87	7.370	7.357	7.379	VV	1246	11681	0.20%	0.010%
88	7.399	7.379	7.429	VV	2171	33500	0.58%	0.028%
89	7.462	7.429	7.479	VV	784	17209	0.30%	0.015%
90	7.492	7.479	7.515	VV	1080	13147	0.23%	0.011%
91	7.519	7.515	7.524	VV	253	1183	0.02%	0.001%
92	7.540	7.524	7.545	VV	446	4153	0.07%	0.004%
93	7.553	7.545	7.556	VV	378	2340	0.04%	0.002%
94	7.580	7.556	7.591	VV	944	11983	0.21%	0.010%
95	7.597	7.591	7.607	VV	440	3873	0.07%	0.003%
96	7.627	7.607	7.644	VV	681	10541	0.18%	0.009%
97	7.663	7.644	7.682	VV	1123	12240	0.21%	0.010%
98	7.716	7.682	7.770	VV	535806	5132210	88.37%	4.356%
99	7.827	7.770	7.846	VV	1540	35345	0.61%	0.030%
100	7.851	7.846	7.854	VV	484	2010	0.03%	0.002%
101	7.857	7.854	7.863	VV	428	1984	0.03%	0.002%
102	7.875	7.863	7.909	VV	626	11676	0.20%	0.010%
103	7.917	7.909	7.937	VV	622	5195	0.09%	0.004%
104	7.967	7.945	8.000	VV	898	18374	0.32%	0.016%
105	8.008	8.000	8.019	VV	852	6395	0.11%	0.005%
106	8.030	8.019	8.037	VV	628	6105	0.11%	0.005%
107	8.058	8.037	8.063	VV	770	10198	0.18%	0.009%
108	8.079	8.063	8.088	VV	1610	18149	0.31%	0.015%
109	8.095	8.088	8.112	VV	1606	16907	0.29%	0.014%
110	8.118	8.112	8.139	VV	689	8376	0.14%	0.007%
111	8.198	8.139	8.215	VV	2851	51050	0.88%	0.043%
112	8.225	8.215	8.241	VV	1654	18218	0.31%	0.015%

Instrument :
FID_D
ClientSampleId :
WC1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

rteres

113	8.271	8.241	8.298	VV	47700	492121	8.47%	0.418%
114	8.306	8.298	8.325	VV	803			
115	8.330	8.325	8.340	VV	708			
116	8.384	8.340	8.431	VV	471470	4		
117	8.438	8.431	8.450	VV	837			
118	8.466	8.450	8.485	VV	1038	15600	0.27%	0.013%
119	8.506	8.485	8.534	VV	1134	20878	0.36%	0.018%
120	8.582	8.534	8.615	VV	371530	3678127	63.34%	3.122%
121	8.634	8.615	8.650	VV	1371	23524	0.41%	0.020%
122	8.681	8.650	8.706	VV	468308	4587006	78.99%	3.893%
123	8.722	8.706	8.743	VV	2613	38295	0.66%	0.033%
124	8.757	8.743	8.773	VV	1217	17048	0.29%	0.014%
125	8.792	8.773	8.813	VV	1461	25086	0.43%	0.021%
126	8.821	8.813	8.850	VV	814	13508	0.23%	0.011%
127	8.891	8.850	8.902	VV	1093	23168	0.40%	0.020%
128	8.917	8.902	8.934	VV	1470	20360	0.35%	0.017%
129	8.950	8.934	8.967	VV	2153	29631	0.51%	0.025%
130	8.990	8.967	9.022	VV	42630	444366	7.65%	0.377%
131	9.035	9.022	9.056	VV	1495	26034	0.45%	0.022%
132	9.074	9.056	9.099	VV	2436	46120	0.79%	0.039%
133	9.125	9.099	9.136	VV	2380	42627	0.73%	0.036%
134	9.142	9.136	9.165	VV	2067	21945	0.38%	0.019%
135	9.180	9.165	9.201	VV	823	11888	0.20%	0.010%
136	9.238	9.201	9.255	VV	1231	21385	0.37%	0.018%
137	9.272	9.255	9.302	VV	1861	28390	0.49%	0.024%
138	9.320	9.302	9.341	VV	1006	15922	0.27%	0.014%
139	9.376	9.341	9.404	VV	1633	30365	0.52%	0.026%
140	9.462	9.404	9.508	VV	492871	4890668	84.21%	4.151%
141	9.533	9.508	9.545	VV	1846	25599	0.44%	0.022%
142	9.557	9.545	9.574	VV	2186	26891	0.46%	0.023%
143	9.608	9.574	9.621	VV	1304	27664	0.48%	0.023%
144	9.638	9.621	9.655	VV	2660	34727	0.60%	0.029%
145	9.672	9.655	9.690	VV	8201	93936	1.62%	0.080%
146	9.705	9.690	9.715	VV	3041	37773	0.65%	0.032%
147	9.735	9.715	9.760	VV	21853	226387	3.90%	0.192%
148	9.780	9.760	9.817	VV	1883	38354	0.66%	0.033%
149	9.831	9.817	9.842	VV	973	12638	0.22%	0.011%
150	9.866	9.842	9.923	VV	47956	543381	9.36%	0.461%
151	9.941	9.923	9.962	VV	1223	17700	0.30%	0.015%
152	9.980	9.962	10.009	VV	757	12901	0.22%	0.011%
153	10.012	10.009	10.022	VV	346	2349	0.04%	0.002%
154	10.038	10.022	10.051	VV	937	11457	0.20%	0.010%
155	10.061	10.051	10.085	VV	1142	13990	0.24%	0.012%

Instrument :
FID_D
ClientSampleId :
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rteres

Manual IntegrationsAPPROVED

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156	10.094	10.085	10.117	VV	536	6620	0.11%	0.006%
157	10.143	10.117	10.160	VV	1059			
158	10.195	10.160	10.242	VV	1101			
159	10.261	10.242	10.278	VV	973			
160	10.314	10.278	10.330	VV	2152			
161	10.336	10.330	10.357	VV	1589	18687	0.32%	0.016%
162	10.380	10.357	10.428	VV	2630	58461	1.01%	0.050%
163	10.454	10.428	10.480	VV	1824	35184	0.61%	0.030%
164	10.504	10.480	10.530	VV	3277	52203	0.90%	0.044%
165	10.534	10.530	10.538	VV	787	3714	0.06%	0.003%
166	10.555	10.538	10.570	VV	985	15152	0.26%	0.013%
167	10.622	10.570	10.639	VV	2234	51625	0.89%	0.044%
168	10.661	10.639	10.700	VV	6886	110494	1.90%	0.094%
169	10.708	10.700	10.715	VV	1673	13806	0.24%	0.012%
170	10.732	10.715	10.747	VV	1879	31316	0.54%	0.027%
171	10.758	10.747	10.772	VV	1424	16642	0.29%	0.014%
172	10.800	10.772	10.807	VV	1412	20831	0.36%	0.018%
173	10.825	10.807	10.830	VV	3086	29981	0.52%	0.025%
174	10.861	10.830	10.902	VV	520100	5380976	92.66%	4.567%
175	10.937	10.902	10.967	VV	486386	5108720	87.97%	4.336%
176	10.976	10.967	10.996	VV	898	13733	0.24%	0.012%
177	11.012	10.996	11.019	VV	1056	12097	0.21%	0.010%
178	11.032	11.019	11.073	VV	1089	21044	0.36%	0.018%
179	11.085	11.073	11.096	VV	596	6461	0.11%	0.005%
180	11.109	11.096	11.117	VV	732	7114	0.12%	0.006%
181	11.140	11.117	11.159	VV	6517	74906	1.29%	0.064%
182	11.165	11.159	11.185	VV	1662	17077	0.29%	0.014%
183	11.214	11.185	11.227	VV	1553	27394	0.47%	0.023%
184	11.246	11.227	11.277	VV	1884	40670	0.70%	0.035%
185	11.305	11.277	11.339	VV	48792	556096	9.58%	0.472%
186	11.379	11.339	11.415	VV	2635	75885	1.31%	0.064%
187	11.420	11.415	11.425	VV	359	1765	0.03%	0.001%
188	11.457	11.425	11.477	VV	2698	38005	0.65%	0.032%
189	11.505	11.477	11.525	VV	1884	31717	0.55%	0.027%
190	11.544	11.525	11.568	VV	1412	21295	0.37%	0.018%
191	11.626	11.568	11.648	VV	395514	4340450	74.74%	3.684%
192	11.657	11.648	11.671	VV	10159	96950	1.67%	0.082%
193	11.686	11.671	11.709	VV	13404	151522	2.61%	0.129%
194	11.719	11.709	11.727	VV	1325	13169	0.23%	0.011%
195	11.754	11.727	11.759	VV	3527	45458	0.78%	0.039%
196	11.772	11.759	11.789	VV	4920	65388	1.13%	0.055%
197	11.805	11.789	11.822	VV	6173	75745	1.30%	0.064%
198	11.837	11.822	11.865	VV	6230	77512	1.33%	0.066%
199	11.881	11.865	11.885	VV	812	7897	0.14%	0.007%

Instrument :
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rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

200	11.900	11.885	11.926	VV	1511	25695	0.44%	0.022%
201	11.973	11.926	11.986	VV	2341			
202	12.022	11.986	12.053	VV	6115			
203	12.060	12.053	12.083	VV	1783			
204	12.092	12.083	12.105	VV	695			
205	12.127	12.105	12.148	VV	6227	79781	1.37%	0.068%
206	12.158	12.148	12.164	VV	1460	13049	0.22%	0.011%
207	12.179	12.164	12.185	VV	1852	21154	0.36%	0.018%
208	12.215	12.185	12.255	VV	42971	527800	9.09%	0.448%
209	12.272	12.255	12.294	VV	1966	33673	0.58%	0.029%
210	12.299	12.294	12.322	VV	928	13246	0.23%	0.011%
211	12.335	12.322	12.344	VV	1115	12880	0.22%	0.011%
212	12.354	12.344	12.361	VV	1472	12912	0.22%	0.011%
213	12.376	12.361	12.389	VV	1925	27072	0.47%	0.023%
214	12.399	12.389	12.424	VV	2314	31437	0.54%	0.027%
215	12.446	12.424	12.455	VV	5183	59946	1.03%	0.051%
216	12.464	12.455	12.487	VV	4902	65129	1.12%	0.055%
217	12.503	12.487	12.534	VV	3408	55651	0.96%	0.047%
218	12.555	12.534	12.576	VV	8156	110848	1.91%	0.094%
219	12.612	12.576	12.640	VV	55395	687173	11.83%	0.583%
220	12.677	12.640	12.732	VV	504278	5791322	99.72%	4.915%
221	12.738	12.732	12.756	VV	511	6603	0.11%	0.006%
222	12.806	12.756	12.817	VV	3038	51907	0.89%	0.044%
223	12.831	12.817	12.841	VV	3306	36832	0.63%	0.031%
224	12.858	12.841	12.874	VV	7088	87689	1.51%	0.074%
225	12.885	12.874	12.923	VV	3895	73190	1.26%	0.062%
226	12.976	12.923	12.999	VV	506504	5744618	98.92%	4.875%
227	13.024	12.999	13.032	VV	6930	85581	1.47%	0.073%
228	13.055	13.032	13.089	VV	89666	1037510	17.87%	0.881%
229	13.107	13.089	13.121	VV	1414	21215	0.37%	0.018%
230	13.139	13.121	13.159	VV	2987	37236	0.64%	0.032%
231	13.175	13.159	13.194	VV	723	8732	0.15%	0.007%
232	13.222	13.194	13.259	VV	46846	608929	10.49%	0.517%
233	13.275	13.259	13.285	VV	3104	39972	0.69%	0.034%
234	13.297	13.285	13.344	VV	3228	50722	0.87%	0.043%
235	13.364	13.344	13.382	VV	3023	38223	0.66%	0.032%
236	13.396	13.382	13.403	VV	1720	18378	0.32%	0.016%
237	13.443	13.403	13.495	VV	26047	414120	7.13%	0.351%
238	13.553	13.495	13.592	VV	12511	225161	3.88%	0.191%
239	13.598	13.592	13.604	VV	882	5975	0.10%	0.005%
240	13.622	13.604	13.640	VV	2716	33436	0.58%	0.028%
241	13.662	13.640	13.683	VV	5472	79563	1.37%	0.068%
242	13.700	13.683	13.723	VV	6852	84585	1.46%	0.072%

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 08/13/2025

243	13.752	13.723	13.774	VV	2220	45633	0.79%	0.039%
244	13.806	13.774	13.852	VV	47606	[illegible]		
245	13.871	13.852	13.920	VV	4843			
246	13.945	13.920	13.965	VV	1443			
247	13.982	13.965	13.998	VV	882	[illegible]		
248	14.007	13.998	14.024	VV	845	8736	0.15%	0.007%
249	14.042	14.024	14.062	VV	725	13660	0.24%	0.012%
250	14.064	14.062	14.075	VV	747	4946	0.09%	0.004%
251	14.079	14.075	14.121	VV	708	8263	0.14%	0.007%
252	14.137	14.121	14.178	VV	1022	16418	0.28%	0.014%
253	14.193	14.178	14.207	VV	973	10509	0.18%	0.009%
254	14.245	14.207	14.265	VV	5048	89572	1.54%	0.076%
255	14.283	14.265	14.318	VV	9525	125906	2.17%	0.107%
256	14.365	14.318	14.377	VV	2234	43060	0.74%	0.037%
257	14.390	14.377	14.420	VV	2672	43419	0.75%	0.037%
258	14.464	14.420	14.507	VV	6611	148426	2.56%	0.126%
259	14.528	14.507	14.550	VV	10781	137925	2.38%	0.117%
260	14.559	14.550	14.566	VV	1253	11021	0.19%	0.009%
261	14.586	14.566	14.622	VV	6134	84465	1.45%	0.072%
262	14.652	14.622	14.666	VV	1337	23254	0.40%	0.020%
263	14.693	14.666	14.698	VV	2169	31549	0.54%	0.027%
264	14.711	14.698	14.737	VV	2449	41342	0.71%	0.035%
265	14.742	14.737	14.768	VV	1064	10974	0.19%	0.009%
266	14.792	14.768	14.806	PV	1344	14757	0.25%	0.013%
267	14.848	14.806	14.867	VV	405181	5218271	89.86%	4.429%
268	14.892	14.867	14.947	VV	476087	5807372	100.00%	4.929%
269	14.952	14.947	14.960	VV	1433	10215	0.18%	0.009%
270	14.971	14.960	14.977	VV	1651	15131	0.26%	0.013%
271	15.000	14.977	15.028	VV	6823	112207	1.93%	0.095%
272	15.042	15.028	15.060	VV	1984	33714	0.58%	0.029%
273	15.077	15.060	15.109	VV	3236	50700	0.87%	0.043%
274	15.136	15.109	15.163	VV	4221	82543	1.42%	0.070%
275	15.176	15.163	15.244	VV	3279	73378	1.26%	0.062%
276	15.280	15.244	15.309	VV	16258	234131	4.03%	0.199%
277	15.314	15.309	15.361	VV	1993	34352	0.59%	0.029%
278	15.378	15.361	15.390	VV	877	12860	0.22%	0.011%
279	15.396	15.390	15.400	VV	807	4311	0.07%	0.004%
280	15.443	15.400	15.457	VV	3653	68933	1.19%	0.059%
281	15.467	15.457	15.479	VV	2745	32958	0.57%	0.028%
282	15.509	15.479	15.529	VV	11517	167539	2.88%	0.142%
283	15.546	15.529	15.575	VV	6403	90639	1.56%	0.077%
284	15.589	15.575	15.604	VV	1860	25907	0.45%	0.022%
285	15.671	15.604	15.720	VV	5592	198579	3.42%	0.169%

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

286	15.748	15.720	15.775	VV	2273	45349	0.78%	0.038%
287	15.798	15.775	15.811	VV	1235			
288	15.831	15.811	15.848	VV	2747			
289	15.863	15.848	15.884	VV	1180			
290	15.926	15.884	15.964	VV	41024			
291	15.971	15.964	15.991	VV	677	6363	0.11%	0.005%
292	16.015	15.991	16.024	VV	659	8994	0.15%	0.008%
293	16.036	16.024	16.057	VV	594	8740	0.15%	0.007%
294	16.062	16.057	16.087	VV	325	2864	0.05%	0.002%
295	16.115	16.087	16.133	PV	3059	50076	0.86%	0.042%
296	16.143	16.133	16.159	VV	2185	22532	0.39%	0.019%
297	16.181	16.159	16.195	VV	1415	21311	0.37%	0.018%
298	16.216	16.195	16.244	VV	1855	36359	0.63%	0.031%
299	16.255	16.244	16.267	VV	1281	13683	0.24%	0.012%
300	16.292	16.267	16.304	VV	2952	45860	0.79%	0.039%
301	16.320	16.304	16.346	VV	3680	54975	0.95%	0.047%
302	16.400	16.346	16.415	VV	360380	5065510	87.23%	4.299%
303	16.434	16.415	16.460	VV	407905	4698180	80.90%	3.987%
304	16.487	16.460	16.506	VV	11628	157194	2.71%	0.133%
305	16.523	16.506	16.545	VV	7837	106377	1.83%	0.090%
306	16.560	16.545	16.609	VV	2118	42373	0.73%	0.036%
307	16.641	16.609	16.662	VV	3816	52566	0.91%	0.045%
308	16.712	16.662	16.739	VV	22658	345158	5.94%	0.293%
309	16.780	16.739	16.814	VV	369925	4783536	82.37%	4.060%
310	16.871	16.814	16.901	VV	46651	620145	10.68%	0.526%
311	16.919	16.901	16.962	VV	2801	55422	0.95%	0.047%
312	17.007	16.962	17.057	VV	3282	106789	1.84%	0.091%
313	17.070	17.057	17.090	VV	1220	15035	0.26%	0.013%
314	17.134	17.090	17.162	PV	4549	96931	1.67%	0.082%
315	17.169	17.162	17.205	VV	1799	23348	0.40%	0.020%
316	17.230	17.205	17.246	VV	2627	35323	0.61%	0.030%
317	17.266	17.246	17.280	VV	3024	45990	0.79%	0.039%
318	17.291	17.280	17.309	VV	2889	35226	0.61%	0.030%
319	17.320	17.309	17.331	VV	1319	14888	0.26%	0.013%
320	17.350	17.331	17.367	VV	2527	35177	0.61%	0.030%
321	17.377	17.367	17.397	VV	1477	17151	0.30%	0.015%
322	17.422	17.397	17.449	VV	2562	45188	0.78%	0.038%
323	17.464	17.449	17.505	VV	1291	21271	0.37%	0.018%
324	17.542	17.505	17.565	VV	1014	24131	0.42%	0.020%
325	17.573	17.565	17.585	VV	571	4576	0.08%	0.004%
326	17.608	17.585	17.624	PV	733	8533	0.15%	0.007%
327	17.641	17.624	17.659	VV	662	9417	0.16%	0.008%
328	17.756	17.659	17.794	VV	38212	582945	10.04%	0.495%
329	17.819	17.794	17.838	VV	1657	30848	0.53%	0.026%

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 08/13/2025

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330	17.861	17.838	17.882	VV	2213	37473	0.65%	0.032%
331	17.906	17.882	17.914	VV	2379			
332	17.921	17.914	17.960	VV	2699			
333	17.982	17.960	18.005	VV	1304			
334	18.042	18.005	18.083	VV	5775			
335	18.146	18.083	18.160	VV	328329	4803095	82.71%	4.076%
336	18.183	18.160	18.210	VV	331742	4262195	73.39%	3.617%
337	18.218	18.210	18.245	VV	2464	31850	0.55%	0.027%
338	18.267	18.245	18.282	VV	5233	66498	1.15%	0.056%
339	18.299	18.282	18.353	VV	5726	100567	1.73%	0.085%
340	18.401	18.353	18.447	PV	308322	4176071	71.91%	3.544%
341	18.471	18.447	18.486	PV	969	10822	0.19%	0.009%

Sum of corrected areas: 117828286

Aromatic EPH 081125.M Wed Aug 13 00:55:59 2025

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

Manual Integration Report

Sequence:	FC080125AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2740-01MS	FC069568.D	n-Dotriacontane (C32)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Hexatriacontane (C36)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Octatriacontane (C38)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Tetracontane (C40)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Dotriacontane (C32)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Hexatriacontane (C36)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Octatriacontane (C38)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software

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

Manual Integration Report

Sequence:	FC081225AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	FD081125AR	Instrument	FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	FD081225AR	Instrument	FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169209BS	FD049617.D	Bnezo[k]fluoranthene (C30.14)	yogesh	8/13/2025 7:34:31 AM	mohammad	8/13/2025 9:40:46	Peak Integrated by Software
PB169209BSD	FD049618.D	Bnezo[k]fluoranthene (C30.14)	yogesh	8/13/2025 7:34:32 AM	mohammad	8/13/2025 9:40:46	Peak Integrated by Software
Q2743-01MSD	FD049622.D	Bnezo[k]fluoranthene (C30.14)	yogesh	8/13/2025 7:34:34 AM	mohammad	8/13/2025 9:40:46	Peak Integrated by Software

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC080125AL

Review By	yogesh	Review On	8/1/2025 10:37:24 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:30 AM		
SubDirectory	FC080125AL	HP Acquire Method		HP Processing Method	FC080125AL

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	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069556.D	01 Aug 2025 09:39	YP/AJ	Ok
2	I.BLK	FC069557.D	01 Aug 2025 10:20	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069558.D	01 Aug 2025 11:01	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069559.D	01 Aug 2025 11:43	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069560.D	01 Aug 2025 12:24	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069561.D	01 Aug 2025 13:06	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC069562.D	01 Aug 2025 13:47	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069563.D	01 Aug 2025 14:28	YP/AJ	Ok
9	I.BLK	FC069564.D	01 Aug 2025 15:10	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069565.D	01 Aug 2025 15:52	YP/AJ	Ok
11	Q2740-01	FC069566.D	01 Aug 2025 16:37	YP/AJ	Dilution
12	Q2740-01D	FC069567.D	01 Aug 2025 17:19	YP/AJ	Ok
13	Q2740-01MS	FC069568.D	01 Aug 2025 18:02	YP/AJ	Ok,M
14	Q2740-01MSD	FC069569.D	01 Aug 2025 18:44	YP/AJ	Ok,M
15	I.BLK	FC069570.D	01 Aug 2025 19:26	YP/AJ	Ok
16	20 PPM ALIPHATIC HC STD	FC069571.D	01 Aug 2025 20:09	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

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	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069632.D	12 Aug 2025 09:33	YP/AJ	Ok
2	I.BLK	FC069633.D	12 Aug 2025 10:17	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069634.D	12 Aug 2025 11:03	YP/AJ	Ok
4	PB169209BL	FC069635.D	12 Aug 2025 11:48	YP/AJ	Ok
5	PB169209BS	FC069636.D	12 Aug 2025 12:34	YP/AJ	Ok
6	PB169209BSD	FC069637.D	12 Aug 2025 13:21	YP/AJ	Ok
7	Q2743-01	FC069638.D	12 Aug 2025 14:10	YP/AJ	Ok
8	Q2743-01D	FC069639.D	12 Aug 2025 15:01	YP/AJ	Ok
9	Q2743-01MS	FC069640.D	12 Aug 2025 15:46	YP/AJ	Ok
10	Q2743-01MSD	FC069641.D	12 Aug 2025 16:32	YP/AJ	Ok
11	I.BLK	FC069642.D	12 Aug 2025 18:04	YP/AJ	Ok
12	20 PPM ALIPHATIC HC STD	FC069643.D	12 Aug 2025 18:50	YP/AJ	Ok
13	PB169207BL	FC069644.D	12 Aug 2025 20:22	YP/AJ	Ok
14	PB169207BS	FC069645.D	12 Aug 2025 21:08	YP/AJ	Ok
15	PB169207BSD	FC069646.D	12 Aug 2025 21:53	YP/AJ	Ok
16	Q2830-03	FC069647.D	12 Aug 2025 22:41	YP/AJ	Ok
17	Q2830-03D	FC069648.D	12 Aug 2025 23:27	YP/AJ	Ok
18	Q2830-03MS	FC069649.D	13 Aug 2025 00:13	YP/AJ	Ok
19	Q2830-03MSD	FC069650.D	13 Aug 2025 01:50	YP/AJ	Ok
20	Q2830-04	FC069651.D	13 Aug 2025 02:34	YP/AJ	Ok
21	I.BLK	FC069652.D	13 Aug 2025 04:02	YP/AJ	Ok

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Fax : 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

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	

22	20 PPM ALIPHATIC HC STD	FC069653.D	13 Aug 2025 04:46	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QCBatch ID # FD081125AR

Review By	yogesh	Review On	8/11/2025 12:27:21 PM		
Supervise By	mohammad	Supervise On	8/13/2025 1:17:39 AM		
SubDirectory	FD081125AR	HP Acquire Method		HP Processing Method	FD081125AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505
CCC	PP24503
Internal Standard/PEM	
ICV/I.BLK	PP24501,PP24506
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049603.D	11 Aug 2025 08:46	YP/AJ	Ok
2	I.BLK	FD049604.D	11 Aug 2025 09:29	YP/AJ	Ok
3	100 PPM AROMATIC HC STD1	FD049605.D	11 Aug 2025 10:39	YP/AJ	Ok
4	50 PPM AROMATIC HC STD2	FD049606.D	11 Aug 2025 11:22	YP/AJ	Ok
5	20 PPM AROMATIC HC STD3	FD049607.D	11 Aug 2025 12:06	YP/AJ	Ok
6	10 PPM AROMATIC HC STD4	FD049608.D	11 Aug 2025 12:51	YP/AJ	Ok
7	5 PPM AROMATIC HC STD5	FD049609.D	11 Aug 2025 13:35	YP/AJ	Ok
8	20 PPM AROMATIC HC STD ICV	FD049610.D	11 Aug 2025 14:20	YP/AJ	Ok
9	I.BLK	FD049611.D	11 Aug 2025 15:05	YP/AJ	Ok
10	20 PPM AROMATIC HC STD	FD049612.D	11 Aug 2025 15:52	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QCBatch ID # FD081225AR

Review By	yogesh	Review On	8/12/2025 10:17:06 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:46 AM		
SubDirectory	FD081225AR	HP Acquire Method		HP Processing Method	FD081125AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505
CCC	PP24503
Internal Standard/PEM	
ICV/I.BLK	PP24501,PP24506
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049613.D	12 Aug 2025 09:33	YP/AJ	Ok
2	I.BLK	FD049614.D	12 Aug 2025 10:17	YP/AJ	Ok
3	20 PPM AROMATIC HC STD	FD049615.D	12 Aug 2025 11:03	YP/AJ	Ok
4	PB169209BL	FD049616.D	12 Aug 2025 11:48	YP/AJ	Ok
5	PB169209BS	FD049617.D	12 Aug 2025 12:34	YP/AJ	Ok,M
6	PB169209BSD	FD049618.D	12 Aug 2025 13:21	YP/AJ	Ok,M
7	Q2743-01	FD049619.D	12 Aug 2025 14:10	YP/AJ	Ok
8	Q2743-01D	FD049620.D	12 Aug 2025 15:01	YP/AJ	Ok
9	Q2743-01MS	FD049621.D	12 Aug 2025 15:46	YP/AJ	Ok
10	Q2743-01MSD	FD049622.D	12 Aug 2025 16:32	YP/AJ	Ok,M
11	I.BLK	FD049623.D	12 Aug 2025 18:04	YP/AJ	Ok
12	20 PPM AROMATIC HC STD	FD049624.D	12 Aug 2025 18:50	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC080125AL

Review By	yogesh	Review On	8/1/2025 10:37:24 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:30 AM		
SubDirectory	FC080125AL	HP Acquire Method		HP Processing Method	FC080125AL

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	FC069556.D	01 Aug 2025 09:39		YP/AJ	Ok
2	I.BLK	I.BLK	FC069557.D	01 Aug 2025 10:20		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC069558.D	01 Aug 2025 11:01		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069559.D	01 Aug 2025 11:43		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069560.D	01 Aug 2025 12:24		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069561.D	01 Aug 2025 13:06		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069562.D	01 Aug 2025 13:47		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069563.D	01 Aug 2025 14:28		YP/AJ	Ok
9	I.BLK	I.BLK	FC069564.D	01 Aug 2025 15:10		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069565.D	01 Aug 2025 15:52		YP/AJ	Ok
11	Q2740-01	OR-02-07312025	FC069566.D	01 Aug 2025 16:37	Need 2X	YP/AJ	Dilution
12	Q2740-01D	Q2740-01D	FC069567.D	01 Aug 2025 17:19		YP/AJ	Ok
13	Q2740-01MS	OR-02-07312025MS	FC069568.D	01 Aug 2025 18:02	FC069566.D	YP/AJ	Ok,M
14	Q2740-01MSD	OR-02-07312025MSD	FC069569.D	01 Aug 2025 18:44	FC069566.D!FC069568.D	YP/AJ	Ok,M
15	I.BLK	I.BLK	FC069570.D	01 Aug 2025 19:26		YP/AJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069571.D	01 Aug 2025 20:09		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

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	FC069632.D	12 Aug 2025 09:33		YP/AJ	Ok
2	I.BLK	I.BLK	FC069633.D	12 Aug 2025 10:17		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069634.D	12 Aug 2025 11:03		YP/AJ	Ok
4	PB169209BL	PB169209BL	FC069635.D	12 Aug 2025 11:48		YP/AJ	Ok
5	PB169209BS	PB169209BS	FC069636.D	12 Aug 2025 12:34	naphthalene break down - 0.356, 2-methylnephthalene break down - 0.156	YP/AJ	Ok
6	PB169209BSD	PB169209BSD	FC069637.D	12 Aug 2025 13:21	naphthalene break down - 0.399, 2-methylnephthalene break down - 0.209	YP/AJ	Ok
7	Q2743-01	WC1	FC069638.D	12 Aug 2025 14:10		YP/AJ	Ok
8	Q2743-01D	Q2743-01D	FC069639.D	12 Aug 2025 15:01		YP/AJ	Ok
9	Q2743-01MS	WC1MS	FC069640.D	12 Aug 2025 15:46	FC069638.D	YP/AJ	Ok
10	Q2743-01MSD	WC1MSD	FC069641.D	12 Aug 2025 16:32	FC069638.D!FC069640.D	YP/AJ	Ok
11	I.BLK	I.BLK	FC069642.D	12 Aug 2025 18:04		YP/AJ	Ok
12	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069643.D	12 Aug 2025 18:50		YP/AJ	Ok
13	PB169207BL	PB169207BL	FC069644.D	12 Aug 2025 20:22		YP/AJ	Ok
14	PB169207BS	PB169207BS	FC069645.D	12 Aug 2025 21:08		YP/AJ	Ok
15	PB169207BSD	PB169207BSD	FC069646.D	12 Aug 2025 21:53		YP/AJ	Ok
16	Q2830-03	BIN0009-DRIVEWAY-T	FC069647.D	12 Aug 2025 22:41		YP/AJ	Ok

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

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	

17	Q2830-03D	Q2830-03D	FC069648.D	12 Aug 2025 23:27		YP/AJ	Ok
18	Q2830-03MS	BIN0009-DRIVEWAY-T	FC069649.D	13 Aug 2025 00:13	FC069647.D	YP/AJ	Ok
19	Q2830-03MSD	BIN0009-DRIVEWAY-T	FC069650.D	13 Aug 2025 01:50	FC069647.D!FC069649.D	YP/AJ	Ok
20	Q2830-04	BIN0009-DRIVEWAY-T	FC069651.D	13 Aug 2025 02:34		YP/AJ	Ok
21	I.BLK	I.BLK	FC069652.D	13 Aug 2025 04:02		YP/AJ	Ok
22	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069653.D	13 Aug 2025 04:46		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QCBatch ID # FD081125AR

Review By	yogesh	Review On	8/11/2025 12:27:21 PM		
Supervise By	mohammad	Supervise On	8/13/2025 1:17:39 AM		
SubDirectory	FD081125AR	HP Acquire Method		HP Processing Method	FD081125AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505
CCC	PP24503
Internal Standard/PEM	
ICV/I.BLK	PP24501,PP24506
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049603.D	11 Aug 2025 08:46		YP/AJ	Ok
2	I.BLK	I.BLK	FD049604.D	11 Aug 2025 09:29		YP/AJ	Ok
3	100 PPM AROMATIC H	100 PPM AROMATIC H	FD049605.D	11 Aug 2025 10:39		YP/AJ	Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FD049606.D	11 Aug 2025 11:22		YP/AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049607.D	11 Aug 2025 12:06		YP/AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FD049608.D	11 Aug 2025 12:51		YP/AJ	Ok
7	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FD049609.D	11 Aug 2025 13:35		YP/AJ	Ok
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049610.D	11 Aug 2025 14:20		YP/AJ	Ok
9	I.BLK	I.BLK	FD049611.D	11 Aug 2025 15:05		YP/AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049612.D	11 Aug 2025 15:52		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QCBatch ID # FD081225AR

Review By	yogesh	Review On	8/12/2025 10:17:06 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:46 AM		
SubDirectory	FD081225AR	HP Acquire Method		HP Processing Method	FD081125AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505
CCC	PP24503
Internal Standard/PEM	
ICV/I.BLK	PP24501,PP24506
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049613.D	12 Aug 2025 09:33		YP/AJ	Ok
2	I.BLK	I.BLK	FD049614.D	12 Aug 2025 10:17		YP/AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049615.D	12 Aug 2025 11:03		YP/AJ	Ok
4	PB169209BL	PB169209BL	FD049616.D	12 Aug 2025 11:48		YP/AJ	Ok
5	PB169209BS	PB169209BS	FD049617.D	12 Aug 2025 12:34	naphthalene break down - 0.356, 2-methylnephthalene break down - 0.156	YP/AJ	Ok,M
6	PB169209BSD	PB169209BSD	FD049618.D	12 Aug 2025 13:21	naphthalene break down - 0.399, 2-methylnephthalene break down - 0.209	YP/AJ	Ok,M
7	Q2743-01	WC1	FD049619.D	12 Aug 2025 14:10		YP/AJ	Ok
8	Q2743-01D	Q2743-01D	FD049620.D	12 Aug 2025 15:01		YP/AJ	Ok
9	Q2743-01MS	WC1MS	FD049621.D	12 Aug 2025 15:46	FD049619.D	YP/AJ	Ok
10	Q2743-01MSD	WC1MSD	FD049622.D	12 Aug 2025 16:32	FD049619.D!FD049621.D	YP/AJ	Ok,M
11	I.BLK	I.BLK	FD049623.D	12 Aug 2025 18:04		YP/AJ	Ok
12	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049624.D	12 Aug 2025 18:50		YP/AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169209

SOP ID:	MNJDEP-EPH-8				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/11/2025
Matrix :	Solid			**Extraction Start Time :**	12:00
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	08/11/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	18:00
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24767
Surrogate	1.0ML	100 PPM	PP24652
Fractionation Surrogate	1.0ML	100 PPM	PP24765
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2629
Sand	N/A	E3951
Hexane	N/A	E3962
Methylene Chloride	N/A	E3954
EPH Cartridge	N/A	E3757
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:

1.5ML Vail Lot # 2210443.

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/11/25	RS (Bulk)	T.P. Pest HPLC.
18:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169209

Analytical Method: MNJDEP-EPH-8

Concentration Date: 08/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169209BL	PB169209BL	EPH	30.03	N/A	ritesh	RUPESH	2			U2-1
PB169209BS	PB169209BS	EPH	30.01	N/A	ritesh	RUPESH	2			2
PB169209BSD	PB169209BSD	EPH	30.02	N/A	ritesh	RUPESH	2			3
Q2743-01	WC1	EPH	30.09	N/A	ritesh	RUPESH	2	A		4
Q2743-01DUP	WC1DUP	EPH	30.08	N/A	ritesh	RUPESH	2	A		5
Q2743-01MS	WC1MS	EPH	30.03	N/A	ritesh	RUPESH	2	A		6
Q2743-01MSD	WC1MSD	EPH	30.05	N/A	ritesh	RUPESH	2	A		U3-1

RS 8/11

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

169209
12:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2743 **WorkList ID :** 191216 **Department :** Extraction **Date :** 08-11-2025 11:40:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2743-01	WC1	Solid	EPH	Cool 4 deg C	GENV01	O13	07/31/2025	NJEPH
Q2757-03	1	Solid	EPH_F2	Cool 4 deg C	SCIA01	D31	08/01/2025	NJEPH
Q2757-04	2	Solid	EPH_F2	Cool 4 deg C	SCIA01	D31	08/01/2025	NJEPH
Q2757-05	3	Solid	EPH_F2	Cool 4 deg C	SCIA01	D31	08/01/2025	NJEPH
Q2757-06	4	Solid	EPH_F2	Cool 4 deg C	SCIA01	D31	08/01/2025	NJEPH
Q2757-07	5	Solid	EPH_F2	Cool 4 deg C	SCIA01	D31	08/01/2025	NJEPH

Date/Time 8/11/25 11:55
Raw Sample Received by: RJ (Ext+Lab)
Raw Sample Relinquished by:

Date/Time 8/11/25 12:10
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Ext+Lab)

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

LAB CHRONICLE

OrderID:	Q2743	**OrderDate:**	7/31/2025 4:05:00 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2743-01	**WC1**	**SOIL**			**07/31/25**			**07/31/25**
			PCB	8082A		08/01/25	08/02/25	
			EPH	NJEPH		08/11/25	08/12/25	