

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

LAB CHRONICLE

OrderID:	Q3584	OrderDate:	11/7/2025 3:17:00 PM
Client:	Remington & Vernick Engineers	Project:	Edison Landfill
Contact:	Kyle Carlson	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3584-01	SW-1	WATER			11/06/25			11/07/25
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
			EPH	NJEPH		11/12/25	11/12/25	
			EPH	NJEPH		11/12/25	11/13/25	
Q3584-02	SW-2	WATER			11/07/25			11/07/25
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
			EPH	NJEPH		11/12/25	11/12/25	
			EPH	NJEPH		11/12/25	11/13/25	
Q3584-03	SW-3	WATER			11/07/25			11/07/25
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
			EPH	NJEPH		11/12/25	11/12/25	
			EPH	NJEPH		11/12/25	11/13/25	
Q3584-04	EB-2	WATER			11/06/25			11/07/25
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-05	FB-2	WATER			11/07/25			11/07/25
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-07	SEEP-1	WATER			11/07/25			11/07/25
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	



QC SUMMARY



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

WATER EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02
Lab Code: ACE SDG No.: Q3584
Run Number: FE111225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB170496BL	49			0
PB170496BS	46			0
PB170496BSD	45			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

WATER EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02
Lab Code: ACE SDG No.: Q3584
Run Number: FF111225AR

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB170496BL	110	118	88	0
PB170496BS	104	112	82	0
PB170496BSD	101	109	80	0
SW-1	96	103	56	0
SW-2	114	122	79	0
SW-3	110	118	82	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

WATER EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02
Lab Code: ACE SDG No.: Q3584
Run Number: FG111325AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
SW-1	55			0
SW-2	60			0
SW-3	76			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

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3584</u>
Sample No :	<u>PB170496BS</u>	Datafile:	<u>FE056803.D</u>
		Client ID :	<u>PB170496BS</u>

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	300	160	53		(40-140)
Aliphatic C12-C16	200	132	66		(40-140)
Aliphatic C16-C21	300	216	72		(40-140)
Aliphatic C21-C28	400	271	68		(40-140)
Aliphatic C28-C40	600	457	76		(40-140)

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	100.0	45.19165	45		(40-140)
n-Decane (C10)	100.0	54.02800	54		(40-140)
Naphthalene (C11.7)	100.0	0.00000	0	*	(40-140)
n-Dodecane (C12)	100.0	61.29130	61		(40-140)
2-methylnaphthalene (C12.89)	100.0	0.00000	0	*	(40-140)
n-Tetradecane (C14)	100.0	65.12968	65		(40-140)
n-Hexadecane (C16)	100.0	67.36309	67		(40-140)
n-Octadecane (C18)	100.0	69.30723	69		(40-140)
n-Eicosane (C20)	100.0	73.14483	73		(40-140)
n-Heneicosane (C21)	100.0	73.98473	74		(40-140)
n-Docosane (C22)	100.0	72.37383	72		(40-140)
n-Tetracosane (C24)	100.0	67.83553	68		(40-140)
n-Hexacosane (C26)	100.0	66.17349	66		(40-140)
n-Octacosane (C28)	100.0	64.83742	65		(40-140)
n-Tricontane (C30)	100.0	60.51039	61		(40-140)
n-Dotriacontane (C32)	100.0	61.02891	61		(40-140)
n-Tetratriacontane (C34)	100.0	69.29890	69		(40-140)
n-Hexatriacontane (C36)	100.0	81.85147	82		(40-140)
n-Octatriacontane (C38)	100.0	97.23702	97		(40-140)
n-Tetracontane (C40)	100.0	109.25801	109		(40-140)

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3584</u>
Sample No :	<u>PB170496BSD</u>	Datafile:	<u>FE056804.D</u>
		Client ID :	<u>PB170496BSD</u>

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C9-C12	300	161	54		0.68 (40-140) 25
Aliphatic C12-C16	200	132	66		0 (40-140) 25
Aliphatic C16-C21	300	216	72		0 (40-140) 25
Aliphatic C21-C28	400	270	68		0.443 (40-140) 25
Aliphatic C28-C40	600	500	83		8.9 (40-140) 25

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS(%) QC Limit Of RPD
n-Nonane (C9)	100.0	45.43077	45		0 (40-140) 25
n-Decane (C10)	100.0	54.37257	54		0 (40-140) 25
Naphthalene (C11.7)	100.0	0.00000	0	*	0 (40-140) 25
n-Dodecane (C12)	100.0	61.68347	62		1.63 (40-140) 25
2-methylnaphthalene (C12.89)	100.0	0.00000	0	*	0 (40-140) 25
n-Tetradecane (C14)	100.0	65.39588	65		0 (40-140) 25
n-Hexadecane (C16)	100.0	67.48114	67		0 (40-140) 25
n-Octadecane (C18)	100.0	69.41176	69		0 (40-140) 25
n-Eicosane (C20)	100.0	73.03789	73		0 (40-140) 25
n-Heneicosane (C21)	100.0	73.68003	74		0 (40-140) 25
n-Docosane (C22)	100.0	72.02690	72		0 (40-140) 25
n-Tetracosane (C24)	100.0	67.37848	67		1.48 (40-140) 25
n-Hexacosane (C26)	100.0	65.92323	66		0 (40-140) 25
n-Octacosane (C28)	100.0	65.54746	66		1.53 (40-140) 25
n-Tricontane (C30)	100.0	64.15766	64		4.8 (40-140) 25
n-Dotriacontane (C32)	100.0	69.05142	69		12.31 (40-140) 25
n-Tetratriacontane (C34)	100.0	78.74830	79		13.51 (40-140) 25
n-Hexatriacontane (C36)	100.0	90.99934	91		10.4 (40-140) 25
n-Octatriacontane (C38)	100.0	104.16456	104		6.97 (40-140) 25
n-Tetracontane (C40)	100.0	116.93870	117		7.08 (40-140) 25

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3584</u>
Sample No :	<u>PB170496BS</u>	Datafile:	<u>FF016658.D</u>
		Client ID :	<u>PB170496BS</u>

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	200	150	75		(40-140)
Aromatic C12-C16	300	245	82		(40-140)
Aromatic C16-C21	500	476	95		(40-140)
Aromatic C21-C36	800	835	104		(40-140)

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS(%)
1,2,3-Trimethylbenzene (C10.1)	100.0	72.20645	72		(40-140)
Naphthalene (C11.7)	100.0	78.71930	79		(40-140)
2-Methylnaphthalene (C12.89)	100.0	73.86929	74		(40-140)
Acenaphthylene (C15.06)	100.0	85.77366	86		(40-140)
Acenaphthene (C15.5)	100.0	85.48327	85		(40-140)
Fluorene (C16.55)	100.0	93.84773	94		(40-140)
Phenanthrene (C19.36)	100.0	95.29634	95		(40-140)
Anthracene (C19.43)	100.0	95.66514	96		(40-140)
Fluoranthene (C21.85)	100.0	94.86912	95		(40-140)
Pyrene (C20.8)	100.0	94.07213	94		(40-140)
Benzo[a]anthracene (C26.37)	100.0	105.88714	106		(40-140)
Chrysene (C27.41)	100.0	101.63726	102		(40-140)
benzo[b]fluoranthene (C30.41)	100.0	106.61442	107		(40-140)
Benzo[k]fluoranthene (C30.14)	100.0	99.01419	99		(40-140)
Benzo[a]pyrene (C31.34)	100.0	104.89344	105		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	100.0	139.64432	140		(40-140)
Dibenz[a,h]anthracene (C30.36)	100.0	91.82518	92		(40-140)
Benzo[g,h,i]perylene (C34.01)	100.0	114.22109	114		(40-140)

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3584</u>
Sample No :	<u>PB170496BSD</u>	Datafile:	<u>FF016659.D</u>
		Client ID :	<u>PB170496BSD</u>

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	200	147	74		2 (40-140)	25
Aromatic C12-C16	300	239	80		2.5 (40-140)	25
Aromatic C16-C21	500	468	94		1.7 (40-140)	25
Aromatic C21-C36	800	818	102		1.7 (40-140)	25

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS(%)	QC Limit Of RPD
1,2,3-Trimethylbenzene (C10.1)	100.0	70.44558	70		2.82 (40-140)	25
Naphthalene (C11.7)	100.0	76.82139	77		2.56 (40-140)	25
2-Methylnaphthalene (C12.89)	100.0	71.98402	72		2.74 (40-140)	25
Acenaphthylene (C15.06)	100.0	83.73466	84		2.35 (40-140)	25
Acenaphthene (C15.5)	100.0	83.56032	84		1.18 (40-140)	25
Flouorene (C16.55)	100.0	91.53200	92		2.15 (40-140)	25
Phenanthrene (C19.36)	100.0	93.51644	94		1.06 (40-140)	25
Anthracene (C19.43)	100.0	94.69680	95		1.05 (40-140)	25
Fluoranthene (C21.85)	100.0	93.63621	94		1.06 (40-140)	25
Pyrene (C20.8)	100.0	92.84611	93		1.07 (40-140)	25
Benzo[a]anthracene (C26.37)	100.0	104.78473	105		0.95 (40-140)	25
Chrysene (C27.41)	100.0	100.61274	101		0.99 (40-140)	25
benzo[b]fluoranthene (C30.41)	100.0	104.25297	104		2.84 (40-140)	25
Bnezo[k]fluoranthene (C30.14)	100.0	97.51084	98		1.02 (40-140)	25
Benzo[a]pyrene (C31.34)	100.0	102.53088	103		1.92 (40-140)	25
Indeno[1,2,3-cd]pyrene (C35.01)	100.0	136.73376	137		2.17 (40-140)	25
Dibenz[a,h]anthracene (C30.36)	100.0	90.48935	90		2.2 (40-140)	25
Benzo[g,h,i]perylene (C34.01)	100.0	110.96038	111		2.67 (40-140)	25

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170496BL

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3584

Instrument ID: FID_E

Lab Sample ID: PB170496BL

Matrix: (soil/water) Water

Date Extracted: 11/12/2025 8:40:00

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB170496BS	PB170496BS
PB170496BSD	PB170496BSD
SW-1	Q3584-01
SW-2	Q3584-02
SW-3	Q3584-03

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	2000 uL
Prep Method :		Prep Date	11/12/25
		Test:	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	4.22	J	1	2.09	20.2	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	6.88	J	1	4.30	30.3	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	32.7	J	1	8.35	50.5	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	24.0	U	1	24.0	80.8	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	48.2			40 - 140	96%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	51.6			40 - 140	103%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.1			40 - 140	56%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3584-01	Acq On:	12 Nov 2025 16:55
Client Sample ID:	SW-1	Operator:	YP\AJ
Data file:	FF016660.D	Misc:	
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	275733	2.089	200	ug/ml
Aromatic C12-C16	6.385	9.088	460323	3.406	300	ug/ml
Aromatic C16-C21	9.089	13.409	2166698	16.2	500	ug/ml
Aromatic C21-C36	13.410	18.874	973244	8.271	800	ug/ml
Aromatic EPH	4.507	18.874	3875998	29.967		ug/ml
2-Bromonaphthalene (SURRE)	8.013	8.013	5457837	48.16		ug/ml
2-Fluorobiphenyl (SURRE)	8.889	8.889	3683610	51.65		ug/ml
ortho-Terphenyl (SURRE)	11.956	11.956	4131619	28.13		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016660.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 16:55
 Operator : YP\AJ
 Sample : Q3584-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SW-1

Integration File: autoint1.e
 Quant Time: Nov 14 05:18:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.013	5457837	48.162 ug/ml
Spiked Amount 50.000		Recovery =	96.32%
6) S 2-Fluorobiphenyl (SURR)	8.889	3683610	51.648 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.30%
11) S ortho-Terphenyl (SURR)	11.956	4131619	28.135 ug/ml
Spiked Amount 50.000		Recovery =	56.27%

Target Compounds

(f)=RT Delta > 1/2 Window

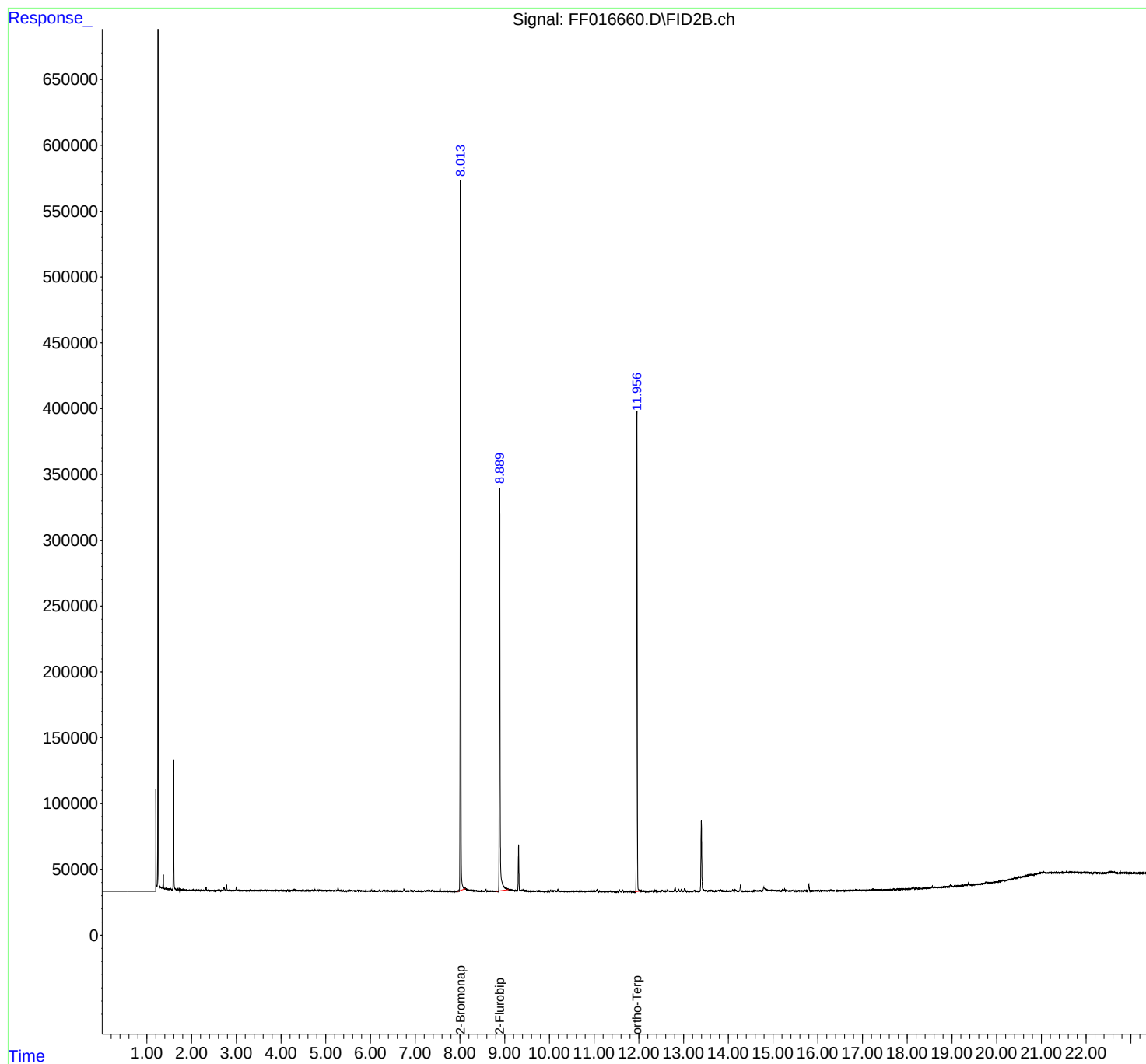
(m)=manual int.

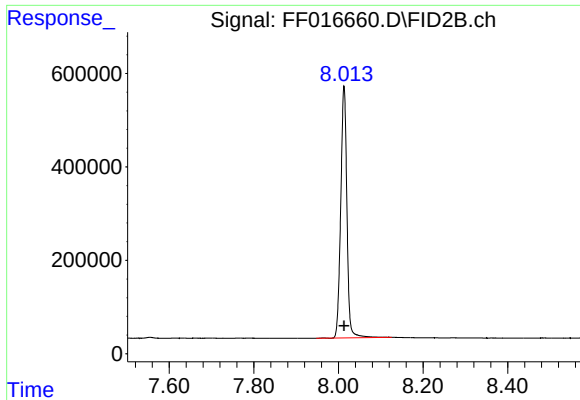
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016660.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 16:55
Operator : YP\AJ
Sample : Q3584-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SW-1

Integration File: autoint1.e
Quant Time: Nov 14 05:18:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

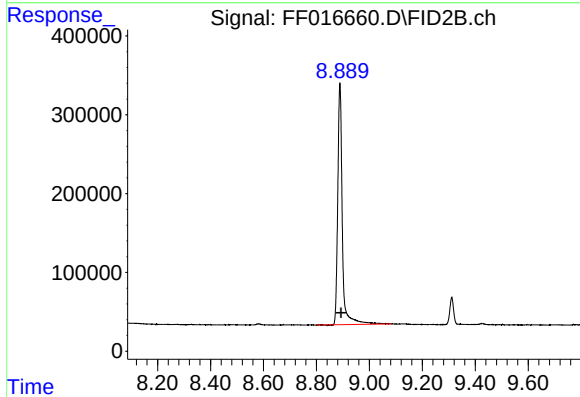




#4 2-Bromonaphthalene (SURRE)

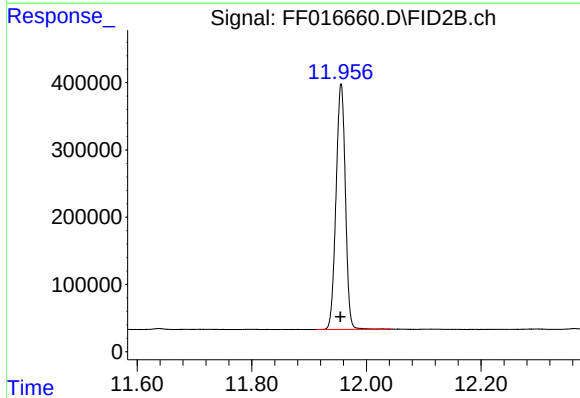
R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 5457837
Conc: 48.16 ug/ml

Instrument :
FID_F
ClientSampleId :
SW-1



#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.889 min
Delta R.T.: -0.004 min
Response: 3683610
Conc: 51.65 ug/ml



#11 ortho-Terphenyl (SURRE)

R.T.: 11.956 min
Delta R.T.: 0.001 min
Response: 4131619
Conc: 28.13 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016660.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 16:55
 Sample : Q3584-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.422	4.401	4.440	BV	116	1284	0.02%	0.007%
2	4.480	4.464	4.496	VV	291	2943	0.05%	0.017%
3	4.500	4.496	4.526	VV	144	1009	0.02%	0.006%
4	4.570	4.550	4.596	VV	822	9620	0.17%	0.055%
5	4.605	4.596	4.634	VV	307	3097	0.05%	0.018%
6	4.649	4.634	4.664	PV	226	1733	0.03%	0.010%
7	4.679	4.664	4.689	VV	514	5271	0.09%	0.030%
8	4.694	4.689	4.717	VV	442	4214	0.07%	0.024%
9	4.736	4.717	4.749	VV	899	9895	0.17%	0.057%
10	4.759	4.749	4.780	VV	733	8224	0.15%	0.047%
11	4.796	4.780	4.804	VV	169	1741	0.03%	0.010%
12	4.824	4.804	4.839	VV	551	6151	0.11%	0.035%
13	4.855	4.839	4.875	VV	975	10518	0.19%	0.060%
14	4.885	4.875	4.894	VV	203	1403	0.02%	0.008%
15	4.922	4.894	4.943	VV	199	3717	0.07%	0.021%
16	4.966	4.943	4.973	VV	247	2981	0.05%	0.017%
17	4.990	4.973	5.009	VV	352	5001	0.09%	0.029%
18	5.014	5.009	5.032	VV	195	2289	0.04%	0.013%
19	5.039	5.032	5.052	VV	194	1919	0.03%	0.011%
20	5.068	5.052	5.112	VV	301	6765	0.12%	0.039%
21	5.121	5.118	5.137	VV	171	1533	0.03%	0.009%
22	5.157	5.137	5.174	VV	183	2433	0.04%	0.014%
23	5.188	5.174	5.209	VV	234	3532	0.06%	0.020%
24	5.248	5.218	5.256	VV	489	5944	0.10%	0.034%
25	5.274	5.256	5.312	VV	2514	31687	0.56%	0.181%
26	5.334	5.312	5.351	VV	569	8073	0.14%	0.046%
27	5.359	5.351	5.377	VV	313	3231	0.06%	0.018%
28	5.392	5.377	5.411	VV	268	3313	0.06%	0.019%
29	5.438	5.432	5.464	VV	124	1500	0.03%	0.009%
30	5.483	5.479	5.493	VV	197	1004	0.02%	0.006%
31	5.518	5.493	5.553	VV	1176	18047	0.32%	0.103%
32	5.570	5.553	5.579	VV	322	4180	0.07%	0.024%
33	5.584	5.579	5.591	VV	307	1768	0.03%	0.010%
34	5.596	5.591	5.626	VV	223	3546	0.06%	0.020%
35	5.636	5.634	5.667	VV	218	2590	0.05%	0.015%
36	5.680	5.667	5.691	VV	242	2556	0.05%	0.015%

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37	5.711	5.691	5.725	VV	541	6591	0.12%	0.038%
38	5.756	5.725	5.784	VV	773	14117	0.25%	0.081%
39	5.788	5.784	5.803	VV	248	1779	0.03%	0.010%
40	5.822	5.803	5.841	VV	256	3636	0.06%	0.021%
41	5.859	5.841	5.878	VV	185	2854	0.05%	0.016%
42	5.885	5.878	5.896	VV	200	1805	0.03%	0.010%
43	5.906	5.896	5.931	VV	246	3379	0.06%	0.019%
44	5.936	5.931	5.956	VV	141	1486	0.03%	0.008%
45	5.977	5.956	5.991	PV	218	2898	0.05%	0.017%
46	6.024	5.991	6.052	VV	315	6623	0.12%	0.038%
47	6.063	6.052	6.074	VV	245	2372	0.04%	0.014%
48	6.086	6.074	6.139	VV	295	5781	0.10%	0.033%
49	6.145	6.139	6.168	VV	175	1123	0.02%	0.006%
50	6.198	6.168	6.235	PV	674	10857	0.19%	0.062%
51	6.241	6.235	6.270	VV	278	4014	0.07%	0.023%
52	6.292	6.270	6.332	VV	891	19186	0.34%	0.110%
53	6.347	6.332	6.370	VV	536	7756	0.14%	0.044%
54	6.392	6.370	6.437	VV	831	13307	0.23%	0.076%
55	6.458	6.437	6.492	VV	808	11845	0.21%	0.068%
56	6.520	6.502	6.548	VV	257	5686	0.10%	0.033%
57	6.552	6.548	6.560	VV	210	1277	0.02%	0.007%
58	6.564	6.560	6.571	VV	217	1083	0.02%	0.006%
59	6.573	6.571	6.583	VV	200	1208	0.02%	0.007%
60	6.591	6.583	6.609	VV	240	2945	0.05%	0.017%
61	6.615	6.609	6.626	VV	185	1432	0.03%	0.008%
62	6.629	6.626	6.659	VV	203	2769	0.05%	0.016%
63	6.664	6.659	6.702	VV	160	2501	0.04%	0.014%
64	6.748	6.702	6.772	VV	1732	21686	0.38%	0.124%
65	6.788	6.772	6.812	VV	214	3962	0.07%	0.023%
66	6.836	6.819	6.850	VV	531	5713	0.10%	0.033%
67	6.871	6.850	6.884	VV	430	5032	0.09%	0.029%
68	6.901	6.884	6.926	VV	847	10466	0.18%	0.060%
69	6.936	6.926	6.957	VV	327	4409	0.08%	0.025%
70	6.977	6.957	7.006	VV	587	8721	0.15%	0.050%
71	7.033	7.006	7.084	VV	296	9501	0.17%	0.054%
72	7.093	7.084	7.106	VV	259	2406	0.04%	0.014%
73	7.133	7.119	7.137	VV	169	1533	0.03%	0.009%
74	7.155	7.137	7.180	VV	271	4858	0.09%	0.028%
75	7.204	7.180	7.241	VV	623	10872	0.19%	0.062%
76	7.259	7.241	7.294	VV	672	14216	0.25%	0.081%
77	7.312	7.294	7.351	VV	621	14634	0.26%	0.084%
78	7.388	7.351	7.411	VV	931	18921	0.33%	0.108%
79	7.430	7.411	7.460	VV	434	7012	0.12%	0.040%
80	7.467	7.460	7.483	VV	183	2059	0.04%	0.012%
81	7.496	7.483	7.514	VV	267	3721	0.07%	0.021%
82	7.530	7.514	7.536	VV	213	2196	0.04%	0.013%
83	7.555	7.536	7.587	VV	2015	23317	0.41%	0.133%
84	7.615	7.587	7.623	VV	329	3517	0.06%	0.020%
85	7.632	7.623	7.650	VV	275	3032	0.05%	0.017%
86	7.664	7.650	7.680	VV	288	3436	0.06%	0.020%
87	7.696	7.680	7.722	VV	455	6115	0.11%	0.035%
88	7.766	7.733	7.777	VV	325	5010	0.09%	0.029%
89	7.792	7.777	7.816	VV	403	4295	0.08%	0.025%

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90	7.861	7.856	7.875	VV	138	1053	0.02%	0.006%
91	7.907	7.893	7.921	PV	151	1520	0.03%	0.009%
92	7.934	7.929	7.948	VV	114	1161	0.02%	0.007%
93	7.966	7.948	7.984	VV	697	7306	0.13%	0.042%
94	8.013	7.984	8.255	VV	539550	5664651	100.00%	32.383%
95	8.274	8.255	8.303	VV	1049	23080	0.41%	0.132%
96	8.328	8.303	8.355	VV	818	20909	0.37%	0.120%
97	8.361	8.355	8.382	VV	636	8654	0.15%	0.049%
98	8.387	8.382	8.441	VV	550	14158	0.25%	0.081%
99	8.455	8.441	8.467	VV	432	5824	0.10%	0.033%
100	8.487	8.467	8.511	VV	646	12684	0.22%	0.073%
101	8.515	8.511	8.536	VV	328	4802	0.08%	0.027%
102	8.542	8.536	8.548	VV	372	2183	0.04%	0.012%
103	8.554	8.548	8.561	VV	368	2351	0.04%	0.013%
104	8.581	8.561	8.653	VV	1716	30075	0.53%	0.172%
105	8.674	8.653	8.684	VV	436	5527	0.10%	0.032%
106	8.696	8.684	8.705	VV	445	4841	0.09%	0.028%
107	8.729	8.705	8.755	VV	527	9177	0.16%	0.052%
108	8.777	8.755	8.800	VV	371	6057	0.11%	0.035%
109	8.819	8.800	8.857	VV	490	7320	0.13%	0.042%
110	8.889	8.857	9.066	VV	306942	3801478	67.11%	21.732%
111	9.071	9.066	9.114	VV	1958	46948	0.83%	0.268%
112	9.124	9.114	9.171	VV	1629	45870	0.81%	0.262%
113	9.183	9.171	9.221	VV	1024	26244	0.46%	0.150%
114	9.240	9.221	9.264	VV	917	20011	0.35%	0.114%
115	9.269	9.264	9.280	VV	692	6108	0.11%	0.035%
116	9.311	9.280	9.337	VV	35251	365017	6.44%	2.087%
117	9.342	9.337	9.362	VV	1325	17181	0.30%	0.098%
118	9.366	9.362	9.379	VV	994	8861	0.16%	0.051%
119	9.391	9.379	9.406	VV	947	14265	0.25%	0.082%
120	9.426	9.406	9.456	VV	2022	37432	0.66%	0.214%
121	9.461	9.456	9.486	VV	711	10968	0.19%	0.063%
122	9.499	9.486	9.531	VV	733	13566	0.24%	0.078%
123	9.543	9.531	9.561	VV	506	7603	0.13%	0.043%
124	9.568	9.561	9.581	VV	384	3487	0.06%	0.020%
125	9.602	9.581	9.612	VV	538	7165	0.13%	0.041%
126	9.629	9.612	9.658	VV	474	9820	0.17%	0.056%
127	9.716	9.658	9.739	VV	489	16465	0.29%	0.094%
128	9.744	9.739	9.755	VV	264	2349	0.04%	0.013%
129	9.777	9.755	9.828	VV	743	16350	0.29%	0.093%
130	9.834	9.828	9.839	VV	231	1294	0.02%	0.007%
131	9.851	9.839	9.898	VV	303	8394	0.15%	0.048%
132	9.917	9.898	9.956	VV	352	7972	0.14%	0.046%
133	9.969	9.956	9.998	VV	325	5670	0.10%	0.032%
134	10.026	9.998	10.062	VV	1422	21324	0.38%	0.122%
135	10.088	10.062	10.092	VV	623	8590	0.15%	0.049%
136	10.111	10.092	10.161	VV	835	22901	0.40%	0.131%
137	10.191	10.161	10.243	VV	1112	23743	0.42%	0.136%
138	10.265	10.243	10.295	VV	414	10186	0.18%	0.058%
139	10.302	10.295	10.307	VV	303	1918	0.03%	0.011%
140	10.311	10.307	10.324	VV	343	2690	0.05%	0.015%
141	10.340	10.324	10.351	VV	320	3850	0.07%	0.022%

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142	10.354	10.351	10.359	VV	333	1284	0.02%	0.007%
143	10.364	10.359	10.391	VV	305	4228	0.07%	0.024%
144	10.400	10.391	10.414	VV	216	2225	0.04%	0.013%
145	10.420	10.414	10.424	VV	202	1052	0.02%	0.006%
146	10.430	10.424	10.436	VV	204	1144	0.02%	0.007%
147	10.474	10.436	10.486	VV	260	5420	0.10%	0.031%
148	10.515	10.486	10.555	VV	470	12025	0.21%	0.069%
149	10.587	10.555	10.603	VV	454	8762	0.15%	0.050%
150	10.620	10.603	10.642	VV	414	7430	0.13%	0.042%
151	10.676	10.642	10.692	VV	381	8170	0.14%	0.047%
152	10.711	10.692	10.730	VV	463	6852	0.12%	0.039%
153	10.755	10.730	10.769	VV	341	5758	0.10%	0.033%
154	10.796	10.769	10.806	VV	438	6727	0.12%	0.038%
155	10.818	10.806	10.822	VV	428	3695	0.07%	0.021%
156	10.829	10.822	10.847	VV	408	4684	0.08%	0.027%
157	10.864	10.847	10.897	VV	490	10744	0.19%	0.061%
158	10.914	10.897	10.921	VV	470	5525	0.10%	0.032%
159	10.933	10.921	10.976	VV	526	11899	0.21%	0.068%
160	10.979	10.976	11.005	VV	595	6262	0.11%	0.036%
161	11.062	11.005	11.085	VV	1101	28349	0.50%	0.162%
162	11.091	11.085	11.109	VV	282	3311	0.06%	0.019%
163	11.115	11.109	11.118	VV	316	1434	0.03%	0.008%
164	11.123	11.118	11.138	VV	294	3109	0.05%	0.018%
165	11.146	11.138	11.178	VV	336	6412	0.11%	0.037%
166	11.182	11.178	11.200	VV	279	2865	0.05%	0.016%
167	11.216	11.200	11.232	VV	322	5050	0.09%	0.029%
168	11.248	11.232	11.292	VV	357	9032	0.16%	0.052%
169	11.307	11.292	11.316	VV	310	3613	0.06%	0.021%
170	11.321	11.316	11.336	VV	296	3094	0.05%	0.018%
171	11.357	11.336	11.405	VV	461	11920	0.21%	0.068%
172	11.433	11.405	11.439	VV	207	2806	0.05%	0.016%
173	11.445	11.439	11.453	VV	168	1069	0.02%	0.006%
174	11.457	11.453	11.517	VV	121	3337	0.06%	0.019%
175	11.569	11.535	11.614	VV	949	16208	0.29%	0.093%
176	11.638	11.614	11.663	VV	1515	20106	0.35%	0.115%
177	11.681	11.663	11.699	VV	247	4055	0.07%	0.023%
178	11.711	11.699	11.757	VV	420	8674	0.15%	0.050%
179	11.765	11.757	11.780	VV	156	1374	0.02%	0.008%
180	11.802	11.780	11.821	PV	375	5340	0.09%	0.031%
181	11.861	11.855	11.875	VV	131	1162	0.02%	0.007%
182	11.881	11.875	11.916	VV	111	1558	0.03%	0.009%
183	11.956	11.916	12.021	VV	365590	4145063	73.17%	23.696%
184	12.026	12.021	12.087	VV	937	23656	0.42%	0.135%
185	12.116	12.087	12.138	VV	628	13976	0.25%	0.080%
186	12.142	12.138	12.157	VV	273	2516	0.04%	0.014%
187	12.162	12.157	12.181	VV	281	2448	0.04%	0.014%
188	12.190	12.181	12.197	VV	186	1623	0.03%	0.009%
189	12.202	12.197	12.231	VV	235	3937	0.07%	0.023%
190	12.236	12.231	12.247	VV	294	2403	0.04%	0.014%
191	12.286	12.247	12.337	VV	752	22707	0.40%	0.130%
192	12.363	12.337	12.385	VV	1371	22739	0.40%	0.130%
193	12.401	12.385	12.425	VV	1008	15081	0.27%	0.086%
194	12.438	12.425	12.463	VV	430	7576	0.13%	0.043%

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195	12.469	12.463	12.492	VV	425	5181	0.09%	0.030%
196	12.523	12.492	12.563	VV	992	23849	0.42%	0.136%
197	12.594	12.563	12.612	VV	533	10831	0.19%	0.062%
198	12.636	12.612	12.651	VV	996	14120	0.25%	0.081%
199	12.664	12.651	12.707	VV	646	15342	0.27%	0.088%
200	12.732	12.707	12.762	VV	492	12666	0.22%	0.072%
201	12.811	12.762	12.849	VV	3307	54971	0.97%	0.314%
202	12.888	12.849	12.921	VV	1821	31332	0.55%	0.179%
203	12.950	12.921	12.975	VV	1862	26509	0.47%	0.152%
204	12.979	12.975	12.997	VV	283	3176	0.06%	0.018%
205	13.026	12.997	13.077	VV	2386	44145	0.78%	0.252%
206	13.082	13.077	13.116	VV	302	3884	0.07%	0.022%
207	13.127	13.116	13.139	VV	124	1030	0.02%	0.006%
208	13.156	13.139	13.209	PV	272	6458	0.11%	0.037%
209	13.233	13.209	13.294	VV	749	19505	0.34%	0.112%
210	13.331	13.294	13.339	VV	322	6407	0.11%	0.037%
211	13.358	13.339	13.362	VV	379	4509	0.08%	0.026%
212	13.396	13.362	13.496	VV	54483	759063	13.40%	4.339%
213	13.507	13.496	13.544	VV	719	15460	0.27%	0.088%
214	13.559	13.544	13.577	VV	582	9861	0.17%	0.056%
215	13.591	13.577	13.602	VV	615	8248	0.15%	0.047%
216	13.621	13.602	13.695	VV	1066	27407	0.48%	0.157%
217	13.727	13.695	13.745	VV	612	10851	0.19%	0.062%
218	13.781	13.745	13.802	VV	909	20147	0.36%	0.115%
219	13.815	13.802	13.821	VV	549	5577	0.10%	0.032%
220	13.842	13.821	13.874	VV	668	17091	0.30%	0.098%
221	13.899	13.874	13.931	VV	369	9404	0.17%	0.054%
222	13.953	13.931	13.958	VV	265	3372	0.06%	0.019%
223	13.974	13.958	13.992	VV	288	4928	0.09%	0.028%
224	14.020	13.992	14.039	VV	448	8107	0.14%	0.046%
225	14.045	14.039	14.057	VV	183	1953	0.03%	0.011%
226	14.100	14.057	14.124	VV	1182	21743	0.38%	0.124%
227	14.152	14.124	14.172	VV	1497	22584	0.40%	0.129%
228	14.182	14.172	14.227	VV	533	9927	0.18%	0.057%
229	14.272	14.227	14.331	VV	4809	68767	1.21%	0.393%
230	14.378	14.339	14.404	PV	273	5865	0.10%	0.034%
231	14.407	14.404	14.429	VV	221	2311	0.04%	0.013%
232	14.444	14.429	14.468	VV	313	4699	0.08%	0.027%
233	14.492	14.468	14.503	VV	211	3427	0.06%	0.020%
234	14.525	14.503	14.550	VV	275	5549	0.10%	0.032%
235	14.595	14.550	14.627	VV	910	20655	0.36%	0.118%
236	14.632	14.627	14.639	VV	376	2309	0.04%	0.013%
237	14.645	14.639	14.650	VV	362	2111	0.04%	0.012%
238	14.655	14.650	14.664	VV	335	2550	0.05%	0.015%
239	14.672	14.664	14.694	VV	349	5659	0.10%	0.032%
240	14.712	14.694	14.733	VV	564	9513	0.17%	0.054%
241	14.743	14.733	14.747	VV	316	2360	0.04%	0.013%
242	14.792	14.747	14.852	VV	2987	94277	1.66%	0.539%
243	14.856	14.852	14.915	VV	1112	30607	0.54%	0.175%
244	14.925	14.915	14.939	VV	800	10275	0.18%	0.059%
245	14.953	14.939	14.964	VV	728	10121	0.18%	0.058%
246	14.967	14.964	14.987	VV	758	9276	0.16%	0.053%

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247	15.000	14.987	15.026	VV	750	14340	0.25%	0.082%
248	15.033	15.026	15.054	VV	565	8404	0.15%	0.048%
249	15.067	15.054	15.108	VV	547	12944	0.23%	0.074%
250	15.113	15.108	15.122	VV	360	2738	0.05%	0.016%
251	15.127	15.122	15.134	VV	361	2264	0.04%	0.013%
252	15.139	15.134	15.148	VV	316	2271	0.04%	0.013%
253	15.156	15.148	15.165	VV	328	2518	0.04%	0.014%
254	15.172	15.165	15.181	VV	284	2289	0.04%	0.013%
255	15.217	15.181	15.236	VV	1019	19744	0.35%	0.113%
256	15.259	15.236	15.297	VV	1408	27441	0.48%	0.157%
257	15.302	15.297	15.407	VV	359	13401	0.24%	0.077%
258	15.429	15.407	15.456	VV	587	10436	0.18%	0.060%
259	15.458	15.456	15.511	VV	205	4183	0.07%	0.024%
260	15.539	15.527	15.547	VV	143	1254	0.02%	0.007%
261	15.560	15.547	15.566	VV	242	1993	0.04%	0.011%
262	15.577	15.566	15.611	VV	244	3630	0.06%	0.021%
263	15.616	15.611	15.639	VV	142	1657	0.03%	0.009%
264	15.679	15.656	15.700	VV	294	4950	0.09%	0.028%
265	15.716	15.706	15.727	VV	199	1895	0.03%	0.011%
266	15.730	15.727	15.759	VV	241	2919	0.05%	0.017%
267	15.800	15.759	15.885	VV	5206	72602	1.28%	0.415%
268	15.919	15.897	15.936	VV	204	3315	0.06%	0.019%
269	15.947	15.936	15.976	VV	218	3658	0.06%	0.021%
270	15.990	15.976	16.046	VV	328	5824	0.10%	0.033%
271	16.099	16.046	16.106	VV	186	4225	0.07%	0.024%
272	16.113	16.106	16.120	VV	173	1148	0.02%	0.007%
273	16.142	16.120	16.164	VV	255	4082	0.07%	0.023%
274	16.169	16.164	16.203	VV	115	1958	0.03%	0.011%
275	16.247	16.203	16.267	VV	601	9317	0.16%	0.053%
276	16.284	16.267	16.314	VV	820	13242	0.23%	0.076%
277	16.333	16.314	16.362	VV	198	3803	0.07%	0.022%
278	16.429	16.403	16.449	VV	209	2387	0.04%	0.014%
279	16.467	16.457	16.497	VV	195	2755	0.05%	0.016%
280	16.579	16.554	16.616	PV	141	2833	0.05%	0.016%
281	16.692	16.616	16.712	VV	108	3996	0.07%	0.023%
282	16.770	16.712	16.794	VV	297	5712	0.10%	0.033%
283	16.852	16.794	16.884	VV	825	16169	0.29%	0.092%
284	16.929	16.884	16.959	VV	294	7585	0.13%	0.043%
285	16.965	16.959	16.988	VV	166	2584	0.05%	0.015%
286	16.997	16.988	17.024	VV	130	2763	0.05%	0.016%
287	17.031	17.024	17.092	VV	145	3184	0.06%	0.018%
288	17.131	17.092	17.156	PV	250	4394	0.08%	0.025%
289	17.164	17.156	17.177	VV	206	1800	0.03%	0.010%
290	17.237	17.177	17.267	VV	830	24608	0.43%	0.141%
291	17.289	17.267	17.338	VV	411	8045	0.14%	0.046%
292	17.355	17.338	17.392	VV	155	2519	0.04%	0.014%
293	17.455	17.392	17.464	VV	92	2119	0.04%	0.012%
294	17.529	17.464	17.552	PV	112	3478	0.06%	0.020%
295	17.582	17.552	17.604	VV	146	2918	0.05%	0.017%
296	17.612	17.604	17.632	VV	191	1079	0.02%	0.006%
297	17.691	17.632	17.759	PV	666	14230	0.25%	0.081%
298	17.795	17.759	17.836	VV	281	7263	0.13%	0.042%
299	17.888	17.836	17.919	VV	165	6074	0.11%	0.035%

					rteres			
300	17.931	17.919	17.938	VV	125	1178	0.02%	0.007%
301	17.949	17.938	17.977	VV	147	2105	0.04%	0.012%
302	17.991	17.977	18.006	VV	140	1312	0.02%	0.008%
303	18.049	18.006	18.059	PV	127	2104	0.04%	0.012%
304	18.131	18.059	18.175	VV	1160	26557	0.47%	0.152%
305	18.237	18.192	18.251	VV	188	4540	0.08%	0.026%
306	18.300	18.251	18.312	VV	118	3502	0.06%	0.020%
307	18.413	18.334	18.441	PV	240	5997	0.11%	0.034%
308	18.454	18.441	18.469	VV	133	1773	0.03%	0.010%
309	18.559	18.469	18.602	PV	1109	26664	0.47%	0.152%
310	18.657	18.602	18.681	VV	293	10660	0.19%	0.061%
311	18.687	18.681	18.716	VV	383	2364	0.04%	0.014%
312	18.819	18.736	18.846	VV	196	4557	0.08%	0.026%
Sum of corrected areas:						17492417		

Aromatic EPH 102925.M Fri Nov 14 05:40:51 2025

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	990 mL	Test:	EPH
Prep Method :	Final Vol: 2000 uL Prep Date : 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	8.36	U	1	8.36	30.3	ug/l	FG016908.D	11/13/25 12:38	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.6	U	1	13.6	20.2	ug/l	FG016908.D	11/13/25 12:38	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	61.1		1	8.42	30.3	ug/l	FG016908.D	11/13/25 12:38	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	23.1	J	1	12.6	40.4	ug/l	FG016908.D	11/13/25 12:38	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	112		1	24.0	60.6	ug/l	FG016908.D	11/13/25 12:38	PB170496
Aromatic C10-C12	Aromatic C10-C12	4.22	J	1	2.09	20.2	ug/l	FF016660.D	11/12/25 16:55	PB170496
Aromatic C12-C16	Aromatic C12-C16	6.88	J	1	4.30	30.3	ug/l	FF016660.D	11/12/25 16:55	PB170496
Aromatic C16-C21	Aromatic C16-C21	32.7	J	1	8.35	50.5	ug/l	FF016660.D	11/12/25 16:55	PB170496
Aromatic C21-C36	Aromatic C21-C36	24.0	U	1	24.0	80.8	ug/l	FF016660.D	11/12/25 16:55	PB170496
Total AliphaticEPH	Total AliphaticEPH	196			67.0	182	ug/l			
Total AromaticEPH	Total AromaticEPH	43.8	J		38.7	182	ug/l			
Total EPH	Total EPH	240	J		106	364	ug/l			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date	11/12/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	8.36	U	1	8.36	30.3	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.6	U	1	13.6	20.2	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	61.1		1	8.42	30.3	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	23.1	J	1	12.6	40.4	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	112		1	24.0	60.6	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	27.5			40 - 140	55%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3584-01	Acq On:	13 Nov 2025 12:38
Client Sample ID:	SW-1	Operator:	YP\AJ
Data file:	FG016908.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.903	346034	2.836	300	ug/ml
Aliphatic C12-C16	6.904	10.362	539574	4.392	200	ug/ml
Aliphatic C16-C21	10.363	13.751	4005888	30.257	300	ug/ml
Aliphatic C21-C28	13.752	17.437	1593074	11.458	400	ug/ml
Aliphatic C28-C40	17.438	22.462	6356082	55.856	600	ug/ml
Aliphatic EPH	3.260	22.462	12840652	104.799		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.487	13.487	3316772	27.54		ug/ml
Aliphatic C9-C28	3.260	17.437	6484570	48.943	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016908.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 12:38
Operator : YP\AJ
Sample : Q3584-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-1

Integration File: sample.E
Quant Time: Nov 14 04:27:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.487	3316772	27.540 ug/ml
Spiked Amount 50.000		Recovery =	55.08%

Target Compounds

(f)=RT Delta > 1/2 Window

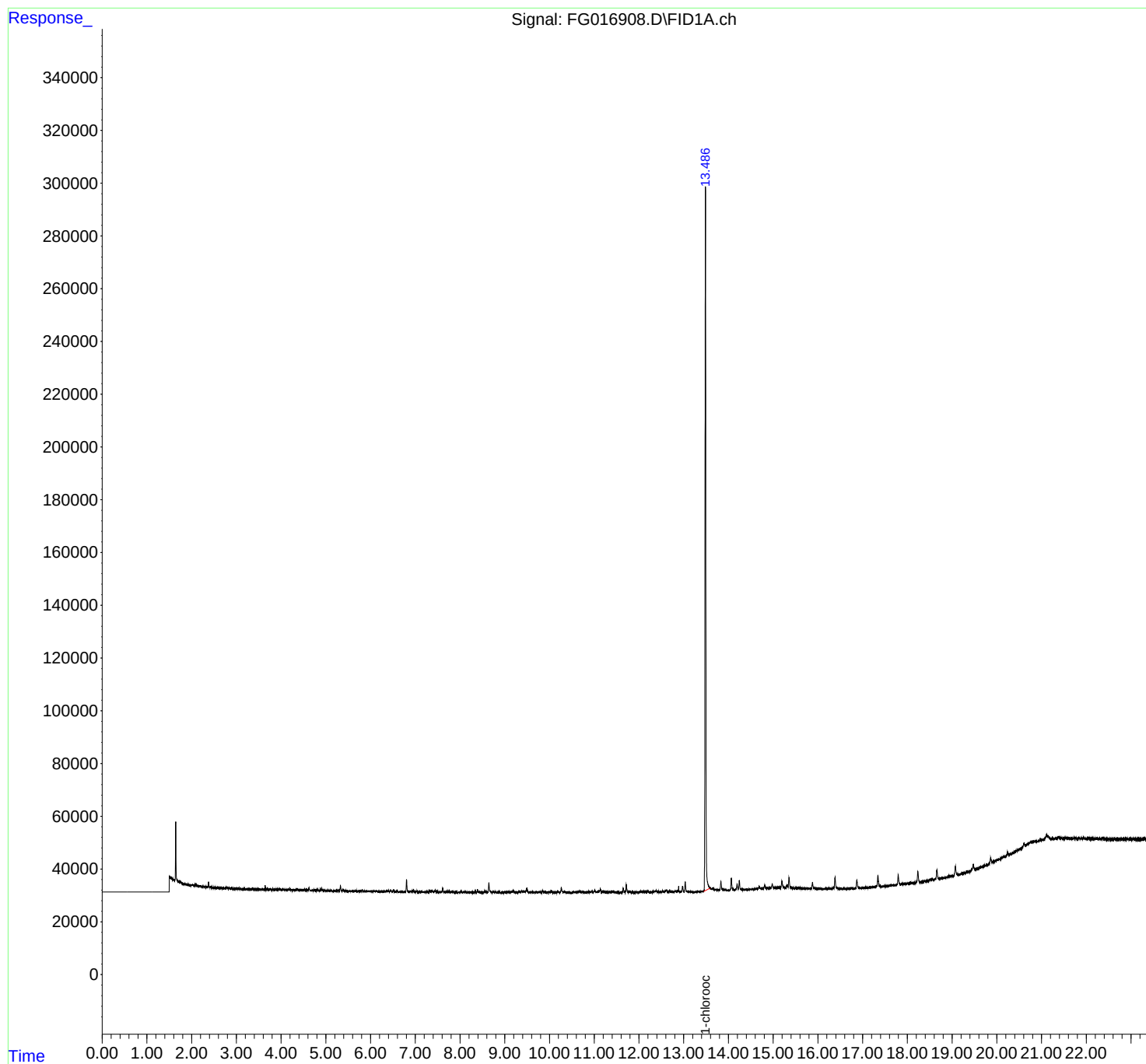
(m)=manual int.

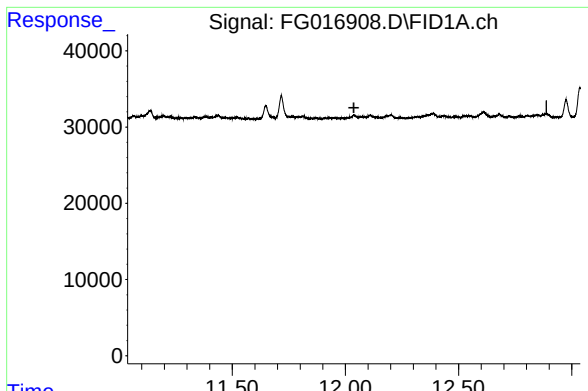
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016908.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 12:38
Operator : YP\AJ
Sample : Q3584-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-1

Integration File: sample.E
Quant Time: Nov 14 04:27:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

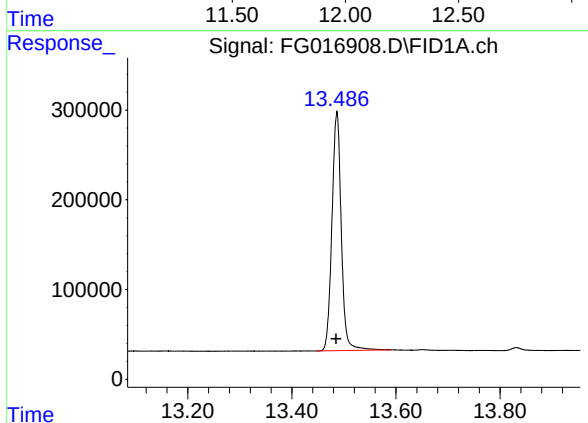




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SW-1



#12 1-chlorooctadecane (SURR)

R.T.: 13.487 min
Delta R.T.: 0.002 min
Response: 3316772
Conc: 27.54 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016908.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 12:38
Sample : Q3584-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.262	3.221	3.295	BV	82	1007	0.03%	0.008%
2	3.312	3.295	3.341	PV	105	1252	0.04%	0.010%
3	3.363	3.341	3.405	PV	273	3859	0.11%	0.030%
4	3.479	3.405	3.495	PV	123	2592	0.08%	0.020%
5	3.501	3.495	3.515	VV	107	1124	0.03%	0.009%
6	3.520	3.515	3.553	VV	100	1448	0.04%	0.011%
7	3.571	3.553	3.625	VV	111	2866	0.08%	0.022%
8	3.645	3.625	3.666	VV	628	3245	0.09%	0.025%
9	3.684	3.666	3.698	VV	214	2433	0.07%	0.019%
10	3.713	3.698	3.728	VV	164	2061	0.06%	0.016%
11	3.753	3.728	3.796	VV	214	4074	0.12%	0.032%
12	3.808	3.796	3.859	VV	129	3082	0.09%	0.024%
13	3.867	3.859	3.899	VV	125	1870	0.05%	0.015%
14	3.908	3.899	3.919	VV	70	618	0.02%	0.005%
15	3.956	3.919	3.968	VV	162	2364	0.07%	0.018%
16	3.978	3.968	4.031	VV	121	2857	0.08%	0.022%
17	4.049	4.031	4.067	VV	133	2100	0.06%	0.016%
18	4.081	4.067	4.125	VV	137	2596	0.08%	0.020%
19	4.160	4.125	4.177	VV	318	5058	0.15%	0.039%
20	4.195	4.177	4.219	VV	507	5864	0.17%	0.046%
21	4.234	4.219	4.249	VV	100	1352	0.04%	0.011%
22	4.272	4.249	4.301	VV	269	3410	0.10%	0.027%
23	4.366	4.301	4.413	VV	354	9054	0.26%	0.071%
24	4.424	4.413	4.510	VV	126	4179	0.12%	0.033%
25	4.532	4.510	4.563	VV	429	5920	0.17%	0.046%
26	4.569	4.563	4.594	VV	113	1417	0.04%	0.011%
27	4.623	4.594	4.688	VV	1146	15439	0.45%	0.120%
28	4.702	4.688	4.721	VV	139	1788	0.05%	0.014%
29	4.737	4.721	4.772	VV	292	5002	0.15%	0.039%
30	4.813	4.772	4.854	VV	559	9487	0.28%	0.074%
31	4.875	4.854	4.891	VV	426	4977	0.15%	0.039%
32	4.908	4.891	4.938	VV	779	9094	0.27%	0.071%
33	4.945	4.938	4.992	VV	137	3050	0.09%	0.024%
34	5.007	4.992	5.025	VV	134	1951	0.06%	0.015%
35	5.042	5.025	5.082	VV	229	4082	0.12%	0.032%
36	5.090	5.082	5.110	VV	132	1466	0.04%	0.011%

					rteres			
37	5.122	5.110	5.170	VV	120	1928	0.06%	0.015%
38	5.240	5.170	5.256	PV	208	4356	0.13%	0.034%
39	5.268	5.256	5.285	VV	77	1149	0.03%	0.009%
40	5.328	5.285	5.356	VV	2022	27269	0.80%	0.212%
41	5.387	5.356	5.418	VV	497	8309	0.24%	0.065%
42	5.445	5.418	5.494	VV	290	3511	0.10%	0.027%
43	5.516	5.494	5.525	PV	65	712	0.02%	0.006%
44	5.540	5.525	5.553	VV	124	1118	0.03%	0.009%
45	5.584	5.553	5.598	VV	99	1407	0.04%	0.011%
46	5.647	5.598	5.667	VV	75	1822	0.05%	0.014%
47	5.678	5.667	5.691	PV	122	590	0.02%	0.005%
48	5.701	5.691	5.715	PV	40	493	0.01%	0.004%
49	5.728	5.715	5.745	VV	61	956	0.03%	0.007%
50	5.767	5.745	5.790	VV	397	4748	0.14%	0.037%
51	5.811	5.790	5.834	VV	620	7475	0.22%	0.058%
52	5.845	5.834	5.861	VV	91	1444	0.04%	0.011%
53	5.871	5.861	5.904	VV	199	2372	0.07%	0.018%
54	5.959	5.904	6.008	VV	192	7193	0.21%	0.056%
55	6.031	6.008	6.050	VV	185	2320	0.07%	0.018%
56	6.077	6.050	6.115	VV	212	4523	0.13%	0.035%
57	6.139	6.115	6.187	VV	259	4685	0.14%	0.036%
58	6.203	6.187	6.229	VV	169	1661	0.05%	0.013%
59	6.248	6.229	6.285	PV	281	3284	0.10%	0.026%
60	6.301	6.285	6.322	PV	197	2514	0.07%	0.020%
61	6.359	6.322	6.384	VV	473	8695	0.25%	0.068%
62	6.402	6.384	6.423	VV	508	6243	0.18%	0.049%
63	6.448	6.423	6.491	VV	802	12378	0.36%	0.096%
64	6.512	6.491	6.554	VV	870	10992	0.32%	0.086%
65	6.582	6.554	6.636	VV	222	6142	0.18%	0.048%
66	6.647	6.636	6.671	VV	86	1377	0.04%	0.011%
67	6.692	6.671	6.777	VV	179	5243	0.15%	0.041%
68	6.804	6.777	6.870	PV	4726	59632	1.74%	0.464%
69	6.890	6.870	6.908	VV	417	5455	0.16%	0.042%
70	6.927	6.908	6.940	VV	303	4089	0.12%	0.032%
71	6.959	6.940	6.980	VV	740	9845	0.29%	0.077%
72	6.993	6.980	7.011	VV	277	3344	0.10%	0.026%
73	7.034	7.011	7.068	VV	498	6511	0.19%	0.051%
74	7.093	7.068	7.127	VV	194	2680	0.08%	0.021%
75	7.149	7.127	7.174	VV	179	2521	0.07%	0.020%
76	7.202	7.174	7.240	VV	129	3479	0.10%	0.027%
77	7.261	7.240	7.294	VV	401	6316	0.18%	0.049%
78	7.319	7.294	7.353	VV	615	12387	0.36%	0.096%
79	7.381	7.353	7.408	VV	568	10830	0.32%	0.084%
80	7.445	7.408	7.470	VV	688	14215	0.42%	0.111%
81	7.485	7.470	7.515	VV	413	5389	0.16%	0.042%
82	7.522	7.515	7.544	VV	122	1916	0.06%	0.015%
83	7.554	7.544	7.577	VV	211	2568	0.08%	0.020%
84	7.612	7.577	7.643	VV	1726	20586	0.60%	0.160%
85	7.693	7.643	7.705	VV	221	4743	0.14%	0.037%
86	7.721	7.705	7.736	VV	232	3247	0.09%	0.025%
87	7.756	7.736	7.782	VV	448	7262	0.21%	0.057%
88	7.821	7.782	7.838	VV	276	5742	0.17%	0.045%
89	7.850	7.838	7.875	VV	230	2862	0.08%	0.022%

					rteres			
90	7.882	7.875	7.888	PV	49	327	0.01%	0.003%
91	7.897	7.888	7.961	VV	90	1889	0.06%	0.015%
92	7.978	7.961	7.991	VV	107	1149	0.03%	0.009%
93	8.024	7.991	8.058	VV	614	8038	0.23%	0.063%
94	8.092	8.058	8.108	VV	203	3512	0.10%	0.027%
95	8.123	8.108	8.157	VV	249	3484	0.10%	0.027%
96	8.194	8.157	8.211	VV	171	3327	0.10%	0.026%
97	8.222	8.211	8.235	VV	138	1398	0.04%	0.011%
98	8.245	8.235	8.278	VV	116	1713	0.05%	0.013%
99	8.291	8.278	8.318	VV	113	1395	0.04%	0.011%
100	8.337	8.318	8.366	VV	441	6194	0.18%	0.048%
101	8.392	8.366	8.417	VV	1220	14287	0.42%	0.111%
102	8.429	8.417	8.449	VV	191	2681	0.08%	0.021%
103	8.462	8.449	8.511	VV	114	2862	0.08%	0.022%
104	8.550	8.511	8.616	VV	585	13733	0.40%	0.107%
105	8.645	8.616	8.714	VV	3752	55630	1.63%	0.433%
106	8.743	8.714	8.782	VV	417	11795	0.34%	0.092%
107	8.795	8.782	8.818	VV	357	4750	0.14%	0.037%
108	8.842	8.818	8.865	PV	300	4952	0.14%	0.039%
109	8.882	8.865	8.909	VV	430	5275	0.15%	0.041%
110	8.940	8.909	8.955	VV	100	1264	0.04%	0.010%
111	9.002	8.955	9.038	VV	241	7468	0.22%	0.058%
112	9.062	9.038	9.077	VV	224	4522	0.13%	0.035%
113	9.111	9.077	9.127	VV	417	8311	0.24%	0.065%
114	9.140	9.127	9.158	VV	403	5602	0.16%	0.044%
115	9.192	9.158	9.234	VV	666	16800	0.49%	0.131%
116	9.252	9.234	9.288	VV	243	4223	0.12%	0.033%
117	9.309	9.288	9.325	VV	317	4937	0.14%	0.038%
118	9.340	9.325	9.365	VV	429	8761	0.26%	0.068%
119	9.379	9.365	9.397	VV	807	10280	0.30%	0.080%
120	9.412	9.397	9.461	VV	688	17987	0.53%	0.140%
121	9.493	9.461	9.547	VV	1788	32856	0.96%	0.256%
122	9.567	9.547	9.586	VV	380	5141	0.15%	0.040%
123	9.615	9.586	9.648	VV	284	5470	0.16%	0.043%
124	9.658	9.648	9.686	VV	170	2833	0.08%	0.022%
125	9.720	9.686	9.751	VV	241	7845	0.23%	0.061%
126	9.780	9.751	9.816	VV	497	9835	0.29%	0.077%
127	9.848	9.816	9.884	VV	813	13526	0.40%	0.105%
128	9.902	9.884	9.968	VV	270	7383	0.22%	0.057%
129	9.991	9.968	10.016	VV	491	7258	0.21%	0.057%
130	10.041	10.016	10.085	VV	905	13805	0.40%	0.108%
131	10.101	10.085	10.121	VV	154	2269	0.07%	0.018%
132	10.133	10.121	10.152	VV	117	1218	0.04%	0.009%
133	10.185	10.152	10.236	VV	744	15373	0.45%	0.120%
134	10.265	10.236	10.318	VV	2023	33288	0.97%	0.259%
135	10.343	10.318	10.399	VV	382	12396	0.36%	0.097%
136	10.416	10.399	10.428	VV	216	2948	0.09%	0.023%
137	10.440	10.428	10.464	VV	176	2644	0.08%	0.021%
138	10.544	10.464	10.561	PV	235	6939	0.20%	0.054%
139	10.588	10.561	10.604	VV	369	6099	0.18%	0.048%
140	10.658	10.604	10.678	VV	537	13441	0.39%	0.105%
141	10.700	10.678	10.720	VV	409	7470	0.22%	0.058%

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142	10.743	10.720	10.766	VV	287	6739	0.20%	0.052%
143	10.773	10.766	10.789	VV	193	1971	0.06%	0.015%
144	10.803	10.789	10.815	VV	145	1841	0.05%	0.014%
145	10.826	10.815	10.842	VV	176	2359	0.07%	0.018%
146	10.869	10.842	10.888	VV	434	7379	0.22%	0.057%
147	10.905	10.888	10.921	VV	351	5704	0.17%	0.044%
148	10.944	10.921	10.972	VV	546	12128	0.35%	0.094%
149	11.010	10.972	11.048	VV	748	19502	0.57%	0.152%
150	11.064	11.048	11.080	VV	451	6590	0.19%	0.051%
151	11.137	11.080	11.171	VV	1140	30011	0.88%	0.234%
152	11.194	11.171	11.212	VV	430	8422	0.25%	0.066%
153	11.227	11.212	11.248	VV	383	5516	0.16%	0.043%
154	11.264	11.248	11.285	VV	200	3295	0.10%	0.026%
155	11.292	11.285	11.311	VV	185	2354	0.07%	0.018%
156	11.334	11.311	11.361	VV	310	5843	0.17%	0.046%
157	11.382	11.361	11.414	VV	318	7520	0.22%	0.059%
158	11.436	11.414	11.495	VV	479	11845	0.35%	0.092%
159	11.518	11.495	11.560	VV	248	4919	0.14%	0.038%
160	11.571	11.560	11.598	VV	112	764	0.02%	0.006%
161	11.648	11.598	11.691	PV	1762	26702	0.78%	0.208%
162	11.717	11.691	11.805	VV	3031	51270	1.50%	0.399%
163	11.813	11.805	11.841	VV	331	4288	0.13%	0.033%
164	11.850	11.841	11.904	PV	116	1858	0.05%	0.014%
165	11.929	11.904	11.980	VV	108	2895	0.08%	0.023%
166	12.038	11.980	12.058	VV	422	8645	0.25%	0.067%
167	12.073	12.058	12.088	VV	266	3948	0.12%	0.031%
168	12.110	12.088	12.165	VV	438	10243	0.30%	0.080%
169	12.201	12.165	12.227	VV	442	9901	0.29%	0.077%
170	12.242	12.227	12.267	VV	117	1471	0.04%	0.011%
171	12.387	12.267	12.421	VV	638	25639	0.75%	0.200%
172	12.432	12.421	12.467	VV	336	6375	0.19%	0.050%
173	12.488	12.467	12.508	VV	238	4052	0.12%	0.032%
174	12.525	12.508	12.537	VV	356	4066	0.12%	0.032%
175	12.549	12.537	12.571	VV	314	5053	0.15%	0.039%
176	12.611	12.571	12.642	VV	789	18373	0.54%	0.143%
177	12.680	12.642	12.710	VV	501	11529	0.34%	0.090%
178	12.724	12.710	12.742	VV	243	3091	0.09%	0.024%
179	12.768	12.742	12.788	VV	246	4832	0.14%	0.038%
180	12.847	12.788	12.861	VV	393	12847	0.38%	0.100%
181	12.888	12.861	12.921	VV	1136	13389	0.39%	0.104%
182	12.932	12.921	12.945	VV	115	1277	0.04%	0.010%
183	12.975	12.945	13.007	VV	2367	31317	0.92%	0.244%
184	13.035	13.007	13.112	VV	3931	57766	1.69%	0.450%
185	13.157	13.112	13.225	VV	288	9266	0.27%	0.072%
186	13.235	13.225	13.248	PV	78	451	0.01%	0.004%
187	13.327	13.248	13.348	PV	190	6110	0.18%	0.048%
188	13.367	13.348	13.380	VV	183	1913	0.06%	0.015%
189	13.486	13.380	13.630	VV	268124	3421042	100.00%	26.642%
190	13.651	13.630	13.696	VV	1581	42983	1.26%	0.335%
191	13.707	13.696	13.740	VV	861	19053	0.56%	0.148%
192	13.771	13.740	13.795	VV	694	19402	0.57%	0.151%
193	13.831	13.795	13.901	VV	3872	78838	2.30%	0.614%
194	13.926	13.901	13.978	VV	685	26075	0.76%	0.203%

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195	13.998	13.978	14.012	VV	458	8282	0.24%	0.064%
196	14.064	14.012	14.135	VV	4987	103244	3.02%	0.804%
197	14.193	14.135	14.219	VV	2606	56010	1.64%	0.436%
198	14.243	14.219	14.421	VV	4086	108906	3.18%	0.848%
199	14.430	14.421	14.434	VV	504	3552	0.10%	0.028%
200	14.478	14.434	14.504	VV	717	25491	0.75%	0.199%
201	14.542	14.504	14.565	VV	679	22636	0.66%	0.176%
202	14.579	14.565	14.593	VV	699	11122	0.33%	0.087%
203	14.636	14.593	14.645	VV	755	20708	0.61%	0.161%
204	14.685	14.645	14.751	VV	1528	62136	1.82%	0.484%
205	14.764	14.751	14.782	VV	878	15348	0.45%	0.120%
206	14.810	14.782	14.851	VV	2010	50159	1.47%	0.391%
207	14.918	14.851	14.924	VV	998	40397	1.18%	0.315%
208	14.980	14.924	15.037	VV	2490	89737	2.62%	0.699%
209	15.065	15.037	15.091	VV	1035	32202	0.94%	0.251%
210	15.196	15.091	15.268	VV	3506	144390	4.22%	1.124%
211	15.312	15.268	15.331	VV	2118	52103	1.52%	0.406%
212	15.355	15.331	15.491	VV	4755	137185	4.01%	1.068%
213	15.523	15.491	15.542	VV	806	22359	0.65%	0.174%
214	15.552	15.542	15.561	VV	751	7974	0.23%	0.062%
215	15.571	15.561	15.598	VV	693	14061	0.41%	0.110%
216	15.607	15.598	15.675	VV	646	25283	0.74%	0.197%
217	15.689	15.675	15.718	VV	564	13186	0.39%	0.103%
218	15.725	15.718	15.755	VV	517	10705	0.31%	0.083%
219	15.767	15.755	15.781	VV	525	7754	0.23%	0.060%
220	15.791	15.781	15.821	VV	541	11527	0.34%	0.090%
221	15.839	15.821	15.848	VV	493	7354	0.21%	0.057%
222	15.879	15.848	15.984	VV	2658	63486	1.86%	0.494%
223	16.022	15.984	16.051	VV	398	13379	0.39%	0.104%
224	16.058	16.051	16.091	VV	324	6890	0.20%	0.054%
225	16.114	16.091	16.134	VV	270	5760	0.17%	0.045%
226	16.210	16.134	16.223	VV	343	13866	0.41%	0.108%
227	16.242	16.223	16.265	VV	336	6786	0.20%	0.053%
228	16.270	16.265	16.301	VV	234	3682	0.11%	0.029%
229	16.308	16.301	16.321	VV	145	1791	0.05%	0.014%
230	16.345	16.321	16.358	VV	753	10623	0.31%	0.083%
231	16.384	16.358	16.455	VV	4394	77587	2.27%	0.604%
232	16.464	16.455	16.505	VV	184	3816	0.11%	0.030%
233	16.523	16.505	16.541	VV	135	1982	0.06%	0.015%
234	16.581	16.541	16.631	VV	157	4731	0.14%	0.037%
235	16.634	16.631	16.648	VV	69	307	0.01%	0.002%
236	16.700	16.648	16.723	PV	156	4351	0.13%	0.034%
237	16.748	16.723	16.770	VV	164	2468	0.07%	0.019%
238	16.780	16.770	16.811	VV	50	613	0.02%	0.005%
239	16.871	16.811	16.948	PV	3151	53758	1.57%	0.419%
240	16.960	16.948	16.992	VV	122	1641	0.05%	0.013%
241	17.043	16.992	17.065	VV	129	2752	0.08%	0.021%
242	17.073	17.065	17.085	VV	79	688	0.02%	0.005%
243	17.095	17.085	17.121	PV	77	545	0.02%	0.004%
244	17.172	17.121	17.191	VV	159	2495	0.07%	0.019%
245	17.230	17.191	17.249	VV	207	3573	0.10%	0.028%
246	17.272	17.249	17.280	PV	131	1303	0.04%	0.010%

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247	17.342	17.280	17.433	VV	4256	76075	2.22%	0.592%
248	17.460	17.433	17.511	VV	126	3259	0.10%	0.025%
249	17.530	17.511	17.553	VV	113	1344	0.04%	0.010%
250	17.632	17.553	17.660	PV	228	6037	0.18%	0.047%
251	17.683	17.660	17.698	VV	154	2264	0.07%	0.018%
252	17.795	17.698	17.855	VV	3841	67867	1.98%	0.529%
253	17.882	17.855	17.921	VV	325	9718	0.28%	0.076%
254	17.939	17.921	17.961	VV	174	3772	0.11%	0.029%
255	18.077	17.961	18.107	VV	378	11401	0.33%	0.089%
256	18.125	18.107	18.135	VV	159	1554	0.05%	0.012%
257	18.142	18.135	18.149	VV	109	397	0.01%	0.003%
258	18.235	18.149	18.292	PV	4252	72515	2.12%	0.565%
259	18.413	18.292	18.426	VV	136	6456	0.19%	0.050%
260	18.513	18.426	18.534	PV	394	8034	0.23%	0.063%
261	18.560	18.534	18.586	VV	479	7458	0.22%	0.058%
262	18.661	18.586	18.711	PV	3588	63909	1.87%	0.498%
263	18.725	18.711	18.733	VV	172	1911	0.06%	0.015%
264	18.757	18.733	18.773	VV	148	2965	0.09%	0.023%
265	18.807	18.773	18.818	VV	88	2149	0.06%	0.017%
266	18.928	18.818	18.950	PV	415	7686	0.22%	0.060%
267	18.971	18.950	18.995	VV	189	3032	0.09%	0.024%
268	19.073	18.995	19.143	PV	3499	67179	1.96%	0.523%
269	19.331	19.143	19.352	PV	439	24718	0.72%	0.192%
270	19.378	19.352	19.403	VV	504	10725	0.31%	0.084%
271	19.474	19.403	19.541	VV	2736	84672	2.48%	0.659%
272	19.862	19.541	19.892	VV	3654	255910	7.48%	1.993%
273	19.912	19.892	19.923	VV	1836	33678	0.98%	0.262%
274	20.049	19.923	20.059	VV	2279	168077	4.91%	1.309%
275	20.154	20.059	20.187	VV	2867	198171	5.79%	1.543%
276	20.240	20.187	20.271	VV	4197	165935	4.85%	1.292%
277	20.608	20.271	20.638	VV	6048	892403	26.09%	6.950%
278	20.886	20.638	20.911	VV	5822	929919	27.18%	7.242%
279	20.925	20.911	20.938	VV	5600	88860	2.60%	0.692%
280	20.979	20.938	21.021	VV	6119	287655	8.41%	2.240%
281	21.119	21.021	21.217	VV	7020	712993	20.84%	5.553%
282	21.228	21.217	21.255	VV	5403	120873	3.53%	0.941%
283	21.264	21.255	21.299	VV	5219	135975	3.97%	1.059%
284	21.307	21.299	21.342	VV	5095	127475	3.73%	0.993%
285	21.382	21.342	21.455	VV	5344	327623	9.58%	2.551%
286	21.464	21.455	21.474	VV	4401	50022	1.46%	0.390%
287	21.484	21.474	21.493	VV	4327	48983	1.43%	0.381%
288	21.528	21.493	21.570	VV	4305	194911	5.70%	1.518%
289	21.580	21.570	21.631	VV	4104	140017	4.09%	1.090%
290	21.682	21.631	21.715	VV	3621	181916	5.32%	1.417%
291	21.741	21.715	21.794	VV	3458	157792	4.61%	1.229%
292	21.847	21.794	21.877	VV	3115	147235	4.30%	1.147%
293	21.891	21.877	21.925	VV	2782	76444	2.23%	0.595%
294	21.937	21.925	22.001	VV	2579	110712	3.24%	0.862%
295	22.048	22.001	22.061	VV	2059	74283	2.17%	0.578%
296	22.068	22.061	22.168	VV	1940	106205	3.10%	0.827%
297	22.244	22.168	22.284	VV	1248	83946	2.45%	0.654%
298	22.307	22.284	22.325	VV	958	21980	0.64%	0.171%
299	22.366	22.325	22.461	VV	903	45067	1.32%	0.351%

rters
Sum of corrected areas: 12840659

Aliphatic EPH 102925.M Fri Nov 14 05:04:49 2025

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL
Prep Method :		Prep Date	11/12/25
		Test:	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	3.74	J	1	2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	5.31	J	1	4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	32.9	J	1	8.27	50.0	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	56.8			40 - 140	114%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	60.9			40 - 140	122%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.3			40 - 140	79%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3584-02	Acq On:	12 Nov 2025 17:25
Client Sample ID:	SW-2	Operator:	YP\AJ
Data file:	FF016661.D	Misc:	
Instrument:	FID_F	ALS Vial:	75
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	246859	1.871	200	ug/ml
Aromatic C12-C16	6.385	9.088	359023	2.656	300	ug/ml
Aromatic C16-C21	9.089	13.409	2197023	16.427	500	ug/ml
Aromatic C21-C36	13.410	18.874	689806	5.862	800	ug/ml
Aromatic EPH	4.507	18.874	3492711	26.816		ug/ml
2-Bromonaphthalene (SURR)	8.014	8.014	6432340	56.76		ug/ml
2-Fluorobiphenyl (SURR)	8.890	8.890	4345540	60.93		ug/ml
ortho-Terphenyl (SURR)	11.958	11.958	5775432	39.33		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016661.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 17:25
 Operator : YP\AJ
 Sample : Q3584-02
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SW-2

Integration File: autoint1.e
 Quant Time: Nov 14 05:19:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.014	6432340	56.762 ug/ml
Spiked Amount 50.000		Recovery =	113.52%
6) S 2-Fluorobiphenyl (SURR)	8.890	4345540	60.929 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	121.86%
11) S ortho-Terphenyl (SURR)	11.958	5775432	39.328 ug/ml
Spiked Amount 50.000		Recovery =	78.66%

Target Compounds

(f)=RT Delta > 1/2 Window

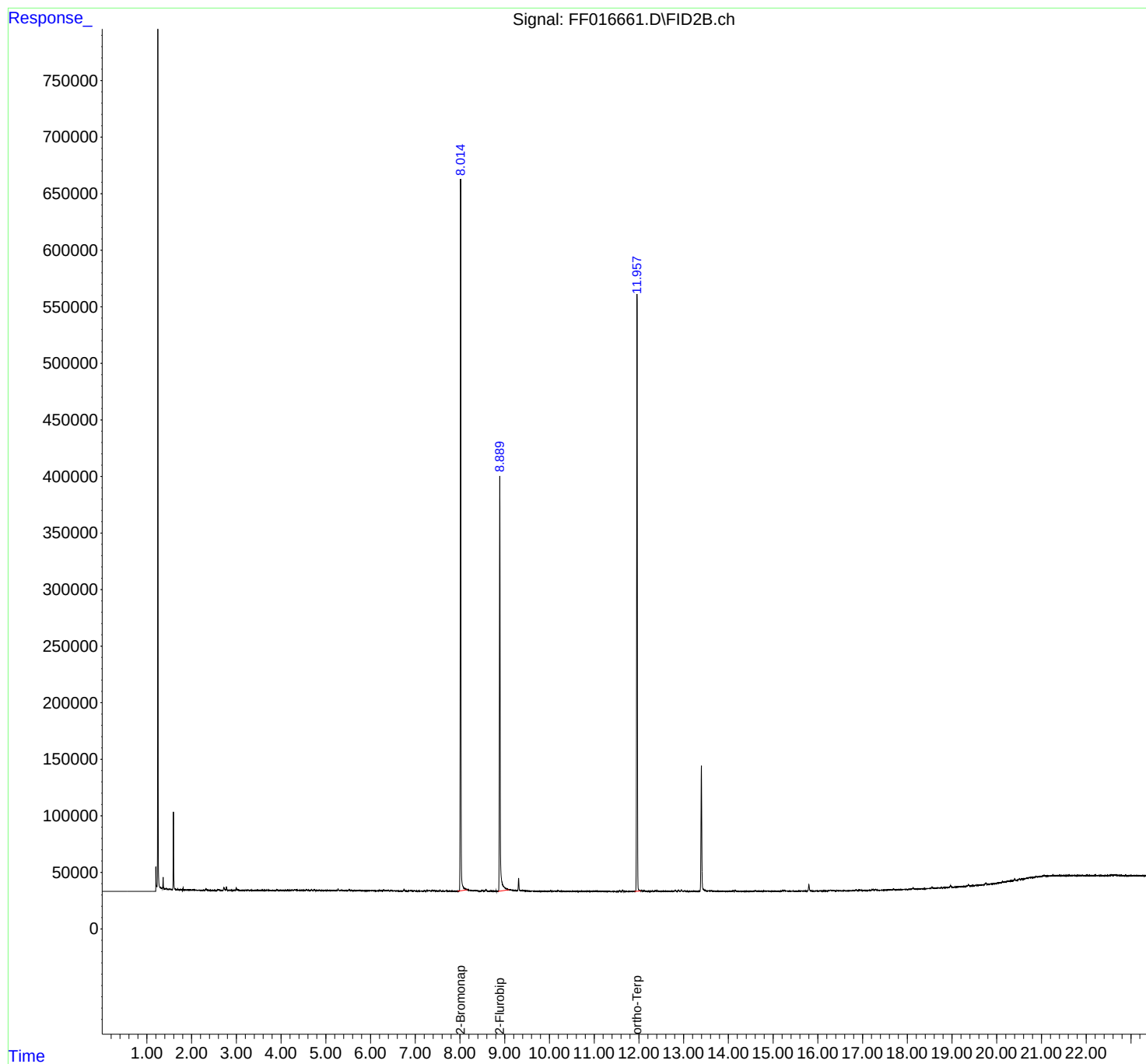
(m)=manual int.

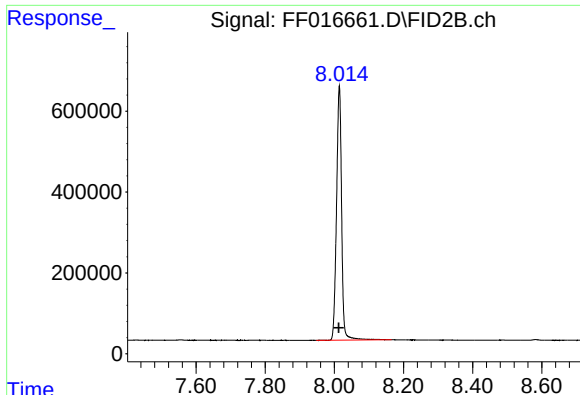
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016661.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 17:25
Operator : YP\AJ
Sample : Q3584-02
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SW-2

Integration File: autoint1.e
Quant Time: Nov 14 05:19:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

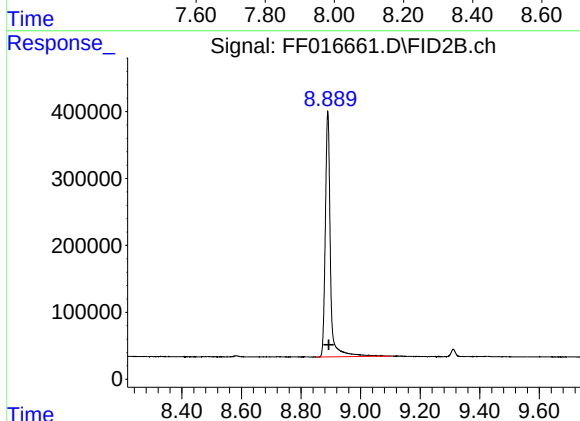




#4 2-Bromonaphthalene (SURRE)

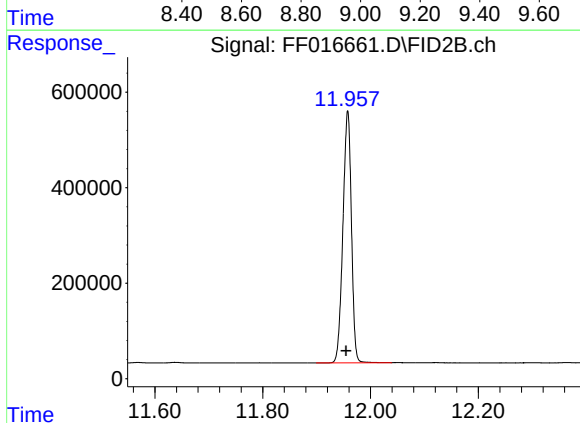
R.T.: 8.014 min
Delta R.T.: 0.001 min
Response: 6432340
Conc: 56.76 ug/ml

Instrument :
FID_F
ClientSampleId :
SW-2



#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.890 min
Delta R.T.: -0.003 min
Response: 4345540
Conc: 60.93 ug/ml



#11 ortho-Terphenyl (SURRE)

R.T.: 11.958 min
Delta R.T.: 0.003 min
Response: 5775432
Conc: 39.33 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016661.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 17:25
 Sample : Q3584-02
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.454	4.441	4.459	PV	130	1023	0.02%	0.005%
2	4.481	4.459	4.499	VV	327	3751	0.06%	0.018%
3	4.515	4.510	4.541	VV	146	1147	0.02%	0.006%
4	4.570	4.550	4.595	VV	858	10516	0.16%	0.051%
5	4.606	4.595	4.632	VV	372	4649	0.07%	0.023%
6	4.638	4.632	4.661	VV	147	1911	0.03%	0.009%
7	4.682	4.661	4.714	VV	560	9363	0.14%	0.046%
8	4.736	4.714	4.752	VV	874	10397	0.16%	0.051%
9	4.760	4.752	4.777	VV	549	5170	0.08%	0.025%
10	4.786	4.777	4.807	VV	325	2495	0.04%	0.012%
11	4.823	4.807	4.838	VV	359	4032	0.06%	0.020%
12	4.856	4.838	4.902	VV	636	7955	0.12%	0.039%
13	4.957	4.913	4.979	VV	193	5446	0.08%	0.027%
14	4.988	4.979	5.019	VV	256	4073	0.06%	0.020%
15	5.035	5.019	5.054	VV	213	3323	0.05%	0.016%
16	5.067	5.054	5.141	VV	272	8739	0.13%	0.043%
17	5.149	5.141	5.179	VV	162	2839	0.04%	0.014%
18	5.190	5.179	5.223	VV	150	3161	0.05%	0.015%
19	5.276	5.223	5.308	VV	1350	21872	0.33%	0.107%
20	5.334	5.308	5.380	VV	450	11119	0.17%	0.054%
21	5.391	5.380	5.452	VV	218	5237	0.08%	0.026%
22	5.458	5.452	5.474	PV	114	1129	0.02%	0.006%
23	5.489	5.474	5.497	VV	190	1557	0.02%	0.008%
24	5.519	5.497	5.559	VV	1249	19820	0.30%	0.097%
25	5.570	5.559	5.607	VV	282	5868	0.09%	0.029%
26	5.614	5.607	5.629	VV	211	1517	0.02%	0.007%
27	5.640	5.629	5.662	VV	106	2239	0.03%	0.011%
28	5.676	5.662	5.694	VV	211	2855	0.04%	0.014%
29	5.710	5.694	5.729	VV	416	6056	0.09%	0.030%
30	5.756	5.729	5.780	VV	492	9199	0.14%	0.045%
31	5.788	5.780	5.809	VV	143	1414	0.02%	0.007%
32	5.818	5.809	5.881	VV	132	4028	0.06%	0.020%
33	5.909	5.881	5.954	VV	228	6346	0.10%	0.031%
34	5.974	5.954	5.987	VV	188	2499	0.04%	0.012%
35	6.023	5.987	6.049	VV	219	5911	0.09%	0.029%
36	6.061	6.049	6.076	VV	242	2943	0.04%	0.014%

					rteres			
37	6.085	6.076	6.132	VV	288	4877	0.07%	0.024%
38	6.148	6.132	6.160	VV	197	1874	0.03%	0.009%
39	6.200	6.175	6.223	VV	700	9958	0.15%	0.049%
40	6.247	6.223	6.268	VV	331	5290	0.08%	0.026%
41	6.293	6.268	6.331	VV	873	19279	0.29%	0.094%
42	6.348	6.331	6.373	VV	577	8756	0.13%	0.043%
43	6.393	6.373	6.436	VV	855	13722	0.21%	0.067%
44	6.458	6.436	6.502	VV	901	13081	0.20%	0.064%
45	6.533	6.502	6.581	VV	262	7957	0.12%	0.039%
46	6.588	6.581	6.652	VV	181	5380	0.08%	0.026%
47	6.669	6.652	6.704	VV	69	1721	0.03%	0.008%
48	6.749	6.704	6.783	VV	1813	22659	0.34%	0.111%
49	6.795	6.783	6.811	VV	92	1393	0.02%	0.007%
50	6.835	6.811	6.852	VV	331	3410	0.05%	0.017%
51	6.872	6.852	6.884	VV	296	2975	0.05%	0.015%
52	6.903	6.884	6.926	VV	616	7223	0.11%	0.035%
53	6.938	6.926	6.958	VV	190	2292	0.03%	0.011%
54	6.979	6.958	7.005	PV	349	4731	0.07%	0.023%
55	7.035	7.005	7.059	VV	190	3034	0.05%	0.015%
56	7.089	7.059	7.116	VV	193	3005	0.05%	0.015%
57	7.147	7.116	7.184	VV	169	3743	0.06%	0.018%
58	7.205	7.184	7.237	VV	334	6393	0.10%	0.031%
59	7.262	7.237	7.295	VV	522	12634	0.19%	0.062%
60	7.324	7.295	7.354	VV	585	12701	0.19%	0.062%
61	7.371	7.354	7.381	VV	604	7095	0.11%	0.035%
62	7.389	7.381	7.413	VV	593	8574	0.13%	0.042%
63	7.427	7.413	7.479	VV	506	10025	0.15%	0.049%
64	7.488	7.479	7.514	VV	207	3411	0.05%	0.017%
65	7.526	7.514	7.534	VV	266	2353	0.04%	0.012%
66	7.555	7.534	7.589	VV	1085	14249	0.22%	0.070%
67	7.616	7.589	7.649	VV	328	6275	0.10%	0.031%
68	7.665	7.649	7.681	VV	221	3171	0.05%	0.016%
69	7.699	7.681	7.744	VV	382	7086	0.11%	0.035%
70	7.766	7.744	7.784	VV	343	4750	0.07%	0.023%
71	7.793	7.784	7.850	VV	284	4223	0.06%	0.021%
72	7.859	7.850	7.888	VV	166	2053	0.03%	0.010%
73	7.915	7.888	7.926	PV	106	1297	0.02%	0.006%
74	7.934	7.926	7.948	VV	178	1505	0.02%	0.007%
75	7.965	7.948	7.981	VV	362	4136	0.06%	0.020%
76	8.014	7.981	8.255	VV	629591	6581160	100.00%	32.229%
77	8.273	8.255	8.309	VV	845	23235	0.35%	0.114%
78	8.330	8.309	8.348	VV	795	14860	0.23%	0.073%
79	8.355	8.348	8.386	VV	526	10577	0.16%	0.052%
80	8.396	8.386	8.459	VV	496	16789	0.26%	0.082%
81	8.488	8.459	8.544	VV	669	21651	0.33%	0.106%
82	8.582	8.544	8.650	VV	1892	34948	0.53%	0.171%
83	8.723	8.650	8.756	VV	456	18419	0.28%	0.090%
84	8.777	8.756	8.802	VV	220	5455	0.08%	0.027%
85	8.814	8.802	8.851	VV	307	4832	0.07%	0.024%
86	8.890	8.851	9.223	VV	367119	4536742	68.94%	22.217%
87	9.235	9.223	9.279	VV	843	23786	0.36%	0.116%
88	9.311	9.279	9.377	VV	11787	153049	2.33%	0.749%
89	9.390	9.377	9.409	VV	902	14737	0.22%	0.072%

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90	9.425	9.409	9.526	VV	1065	42067	0.64%	0.206%
91	9.547	9.526	9.577	VV	395	9848	0.15%	0.048%
92	9.600	9.577	9.621	VV	393	8735	0.13%	0.043%
93	9.631	9.621	9.686	VV	320	9216	0.14%	0.045%
94	9.713	9.686	9.743	VV	309	8030	0.12%	0.039%
95	9.778	9.743	9.817	VV	375	9418	0.14%	0.046%
96	9.849	9.817	9.862	VV	209	4571	0.07%	0.022%
97	9.865	9.862	9.898	VV	230	3441	0.05%	0.017%
98	9.914	9.898	9.949	VV	289	5528	0.08%	0.027%
99	9.970	9.949	10.005	VV	338	6440	0.10%	0.032%
100	10.027	10.005	10.049	VV	808	11094	0.17%	0.054%
101	10.112	10.049	10.170	VV	598	21337	0.32%	0.104%
102	10.192	10.170	10.235	VV	974	16505	0.25%	0.081%
103	10.267	10.235	10.279	VV	292	4923	0.07%	0.024%
104	10.289	10.279	10.327	VV	248	5225	0.08%	0.026%
105	10.361	10.327	10.399	VV	196	5170	0.08%	0.025%
106	10.427	10.399	10.465	VV	158	3116	0.05%	0.015%
107	10.472	10.465	10.489	VV	130	1349	0.02%	0.007%
108	10.521	10.489	10.552	VV	218	5227	0.08%	0.026%
109	10.586	10.552	10.602	VV	267	5164	0.08%	0.025%
110	10.619	10.602	10.644	VV	252	4607	0.07%	0.023%
111	10.666	10.644	10.676	VV	193	2751	0.04%	0.013%
112	10.682	10.676	10.696	VV	178	1680	0.03%	0.008%
113	10.713	10.696	10.738	VV	338	5236	0.08%	0.026%
114	10.751	10.738	10.777	VV	244	3966	0.06%	0.019%
115	10.794	10.777	10.803	VV	262	2985	0.05%	0.015%
116	10.819	10.803	10.844	VV	333	5532	0.08%	0.027%
117	10.866	10.844	10.892	VV	286	6949	0.11%	0.034%
118	10.933	10.892	10.974	VV	359	13081	0.20%	0.064%
119	10.987	10.974	11.019	VV	291	6140	0.09%	0.030%
120	11.058	11.019	11.100	VV	542	15724	0.24%	0.077%
121	11.120	11.100	11.135	VV	205	3260	0.05%	0.016%
122	11.181	11.135	11.211	VV	157	6181	0.09%	0.030%
123	11.252	11.211	11.284	VV	256	6857	0.10%	0.034%
124	11.310	11.284	11.342	VV	199	5472	0.08%	0.027%
125	11.361	11.342	11.382	VV	265	3794	0.06%	0.019%
126	11.390	11.382	11.398	VV	134	1013	0.02%	0.005%
127	11.404	11.398	11.427	VV	94	1259	0.02%	0.006%
128	11.442	11.427	11.486	VV	135	3003	0.05%	0.015%
129	11.505	11.486	11.521	VV	131	1372	0.02%	0.007%
130	11.568	11.534	11.594	PV	1027	13727	0.21%	0.067%
131	11.638	11.594	11.696	VV	1293	20202	0.31%	0.099%
132	11.719	11.696	11.758	VV	250	5691	0.09%	0.028%
133	11.796	11.777	11.851	VV	240	4969	0.08%	0.024%
134	11.863	11.851	11.899	VV	124	1889	0.03%	0.009%
135	11.958	11.899	12.042	VV	529340	5804848	88.20%	28.427%
136	12.050	12.042	12.086	VV	753	14773	0.22%	0.072%
137	12.121	12.086	12.187	VV	688	22146	0.34%	0.108%
138	12.202	12.187	12.213	VV	264	2963	0.05%	0.015%
139	12.250	12.213	12.267	VV	262	6390	0.10%	0.031%
140	12.304	12.267	12.337	VV	509	12389	0.19%	0.061%
141	12.363	12.337	12.382	VV	810	13028	0.20%	0.064%

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142	12.402	12.382	12.434	VV	952	15813	0.24%	0.077%
143	12.459	12.434	12.491	VV	304	7558	0.11%	0.037%
144	12.528	12.491	12.560	VV	404	10300	0.16%	0.050%
145	12.582	12.560	12.619	VV	303	8084	0.12%	0.040%
146	12.641	12.619	12.699	VV	256	10677	0.16%	0.052%
147	12.718	12.699	12.753	VV	266	7354	0.11%	0.036%
148	12.810	12.753	12.842	VV	992	22323	0.34%	0.109%
149	12.888	12.842	12.921	VV	1347	25521	0.39%	0.125%
150	12.950	12.921	12.992	VV	1668	25126	0.38%	0.123%
151	13.018	12.992	13.058	VV	713	14804	0.22%	0.072%
152	13.075	13.058	13.131	VV	249	5244	0.08%	0.026%
153	13.183	13.131	13.206	VV	152	3717	0.06%	0.018%
154	13.235	13.206	13.298	VV	287	9521	0.14%	0.047%
155	13.397	13.298	13.546	VV	111353	1433976	21.79%	7.022%
156	13.565	13.546	13.596	VV	653	14998	0.23%	0.073%
157	13.621	13.596	13.668	VV	686	18751	0.28%	0.092%
158	13.677	13.668	13.702	VV	350	5693	0.09%	0.028%
159	13.704	13.702	13.742	VV	356	5605	0.09%	0.027%
160	13.762	13.742	13.775	VV	254	4536	0.07%	0.022%
161	13.836	13.775	13.844	VV	364	11008	0.17%	0.054%
162	13.853	13.844	13.886	VV	362	7051	0.11%	0.035%
163	13.897	13.886	13.923	VV	264	5094	0.08%	0.025%
164	13.940	13.923	13.995	VV	241	9775	0.15%	0.048%
165	14.019	13.995	14.057	VV	365	9448	0.14%	0.046%
166	14.064	14.057	14.074	VV	279	2031	0.03%	0.010%
167	14.102	14.074	14.128	VV	1009	17114	0.26%	0.084%
168	14.153	14.128	14.191	VV	1318	21685	0.33%	0.106%
169	14.203	14.191	14.292	VV	238	7849	0.12%	0.038%
170	14.299	14.292	14.319	VV	111	1073	0.02%	0.005%
171	14.401	14.348	14.425	VV	155	4404	0.07%	0.022%
172	14.436	14.425	14.481	VV	185	3154	0.05%	0.015%
173	14.492	14.481	14.516	VV	137	1986	0.03%	0.010%
174	14.545	14.516	14.569	VV	183	3981	0.06%	0.019%
175	14.596	14.569	14.664	VV	831	19806	0.30%	0.097%
176	14.679	14.664	14.704	VV	227	3894	0.06%	0.019%
177	14.716	14.704	14.749	VV	230	4303	0.07%	0.021%
178	14.809	14.749	14.837	VV	342	10388	0.16%	0.051%
179	14.878	14.837	14.919	VV	375	13478	0.20%	0.066%
180	14.929	14.919	14.961	VV	197	4356	0.07%	0.021%
181	14.970	14.961	15.001	VV	187	4512	0.07%	0.022%
182	15.034	15.001	15.072	VV	271	7103	0.11%	0.035%
183	15.079	15.072	15.139	VV	184	5214	0.08%	0.026%
184	15.216	15.156	15.239	VV	785	15933	0.24%	0.078%
185	15.260	15.239	15.369	VV	1152	26064	0.40%	0.128%
186	15.386	15.369	15.397	VV	130	1470	0.02%	0.007%
187	15.442	15.397	15.497	PV	321	8447	0.13%	0.041%
188	15.503	15.497	15.529	VV	108	1671	0.03%	0.008%
189	15.569	15.529	15.622	VV	332	8440	0.13%	0.041%
190	15.637	15.622	15.647	VV	159	1648	0.03%	0.008%
191	15.686	15.647	15.702	VV	219	5171	0.08%	0.025%
192	15.735	15.702	15.761	VV	166	4536	0.07%	0.022%
193	15.799	15.761	15.891	VV	5695	85286	1.30%	0.418%
194	15.911	15.891	15.941	VV	152	3730	0.06%	0.018%

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195	15.953	15.941	15.964	VV	135	1574	0.02%	0.008%
196	15.988	15.964	16.031	VV	208	4642	0.07%	0.023%
197	16.082	16.031	16.120	VV	233	6279	0.10%	0.031%
198	16.132	16.120	16.164	VV	171	2954	0.04%	0.014%
199	16.171	16.164	16.206	VV	158	2448	0.04%	0.012%
200	16.248	16.206	16.266	VV	554	9322	0.14%	0.046%
201	16.286	16.266	16.399	VV	867	21548	0.33%	0.106%
202	16.424	16.399	16.443	VV	249	3551	0.05%	0.017%
203	16.472	16.443	16.527	VV	168	6004	0.09%	0.029%
204	16.595	16.565	16.625	VV	146	2819	0.04%	0.014%
205	16.636	16.625	16.659	VV	105	1120	0.02%	0.005%
206	16.681	16.659	16.694	PV	101	1510	0.02%	0.007%
207	16.733	16.704	16.746	VV	111	1817	0.03%	0.009%
208	16.771	16.746	16.821	VV	430	8620	0.13%	0.042%
209	16.853	16.821	16.890	VV	899	15859	0.24%	0.078%
210	16.929	16.890	17.054	VV	560	27833	0.42%	0.136%
211	17.068	17.054	17.101	VV	216	3090	0.05%	0.015%
212	17.135	17.101	17.169	VV	237	5442	0.08%	0.027%
213	17.238	17.169	17.264	VV	985	26849	0.41%	0.131%
214	17.288	17.264	17.335	VV	931	17934	0.27%	0.088%
215	17.351	17.335	17.412	VV	179	3650	0.06%	0.018%
216	17.428	17.412	17.457	VV	129	2033	0.03%	0.010%
217	17.469	17.457	17.486	PV	122	1205	0.02%	0.006%
218	17.509	17.486	17.537	VV	108	1905	0.03%	0.009%
219	17.574	17.537	17.614	VV	225	5584	0.08%	0.027%
220	17.691	17.636	17.744	VV	824	16815	0.26%	0.082%
221	17.795	17.744	17.813	PV	192	4229	0.06%	0.021%
222	17.885	17.833	17.909	PV	174	4184	0.06%	0.020%
223	17.961	17.909	17.982	VV	152	3706	0.06%	0.018%
224	17.995	17.982	18.020	VV	112	1636	0.02%	0.008%
225	18.130	18.020	18.181	PV	1328	30878	0.47%	0.151%
226	18.329	18.181	18.341	VV	165	8161	0.12%	0.040%
227	18.354	18.341	18.374	PV	140	1292	0.02%	0.006%
228	18.413	18.374	18.432	PV	242	3452	0.05%	0.017%
229	18.514	18.432	18.523	VV	126	2709	0.04%	0.013%
230	18.557	18.523	18.597	VV	1266	21925	0.33%	0.107%
231	18.666	18.597	18.697	VV	202	7974	0.12%	0.039%
232	18.723	18.697	18.730	VV	101	1249	0.02%	0.006%
233	18.758	18.730	18.774	VV	222	1929	0.03%	0.009%
234	18.818	18.774	18.837	PV	170	3389	0.05%	0.017%
Sum of corrected areas:					20420235			

Aromatic EPH 102925.M Fri Nov 14 05:41:08 2025

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	EPH
Prep Method :	Final Vol: 2000 uL Prep Date : 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	FG016909.D	11/13/25 13:08	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	FG016909.D	11/13/25 13:08	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	FG016909.D	11/13/25 13:08	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FG016909.D	11/13/25 13:08	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	101		1	23.8	60.0	ug/l	FG016909.D	11/13/25 13:08	PB170496
Aromatic C10-C12	Aromatic C10-C12	3.74	J	1	2.07	20.0	ug/l	FF016661.D	11/12/25 17:25	PB170496
Aromatic C12-C16	Aromatic C12-C16	5.31	J	1	4.26	30.0	ug/l	FF016661.D	11/12/25 17:25	PB170496
Aromatic C16-C21	Aromatic C16-C21	32.9	J	1	8.27	50.0	ug/l	FF016661.D	11/12/25 17:25	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FF016661.D	11/12/25 17:25	PB170496
Total AliphaticEPH	Total AliphaticEPH	101	J		66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	42.0	J		38.4	180	ug/l			
Total EPH	Total EPH	143	J		105	360	ug/l			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date		11/12/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	101		1	23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	30.1			40 - 140	60%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3584-02	Acq On:	13 Nov 2025 13:08
Client Sample ID:	SW-2	Operator:	YP\AJ
Data file:	FG016909.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.903	305970	2.508	300	ug/ml
Aliphatic C12-C16	6.904	10.362	359211	2.924	200	ug/ml
Aliphatic C16-C21	10.363	13.751	389916	2.945	300	ug/ml
Aliphatic C21-C28	13.752	17.437	337941	2.431	400	ug/ml
Aliphatic C28-C40	17.438	22.462	5786008	50.846	600	ug/ml
Aliphatic EPH	3.260	22.462	7179046	61.654		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.485	13.485	3629597	30.14		ug/ml
Aliphatic C9-C28	3.260	17.437	1393038	10.808	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016909.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 13:08
Operator : YP\AJ
Sample : Q3584-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-2

Integration File: sample.E
Quant Time: Nov 14 04:28:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.485	3629597	30.138 ug/ml
Spiked Amount 50.000		Recovery =	60.28%

Target Compounds

(f)=RT Delta > 1/2 Window

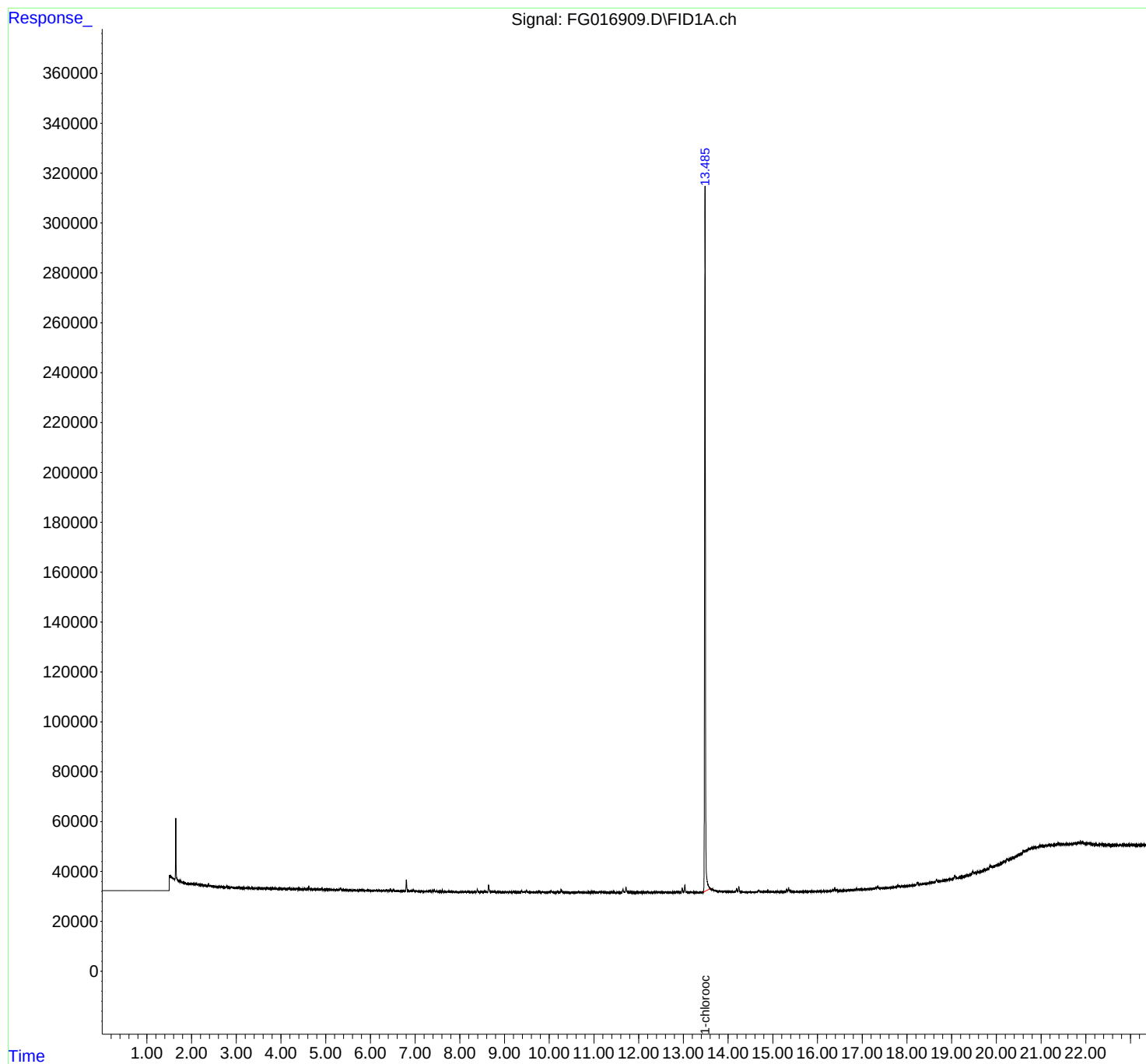
(m)=manual int.

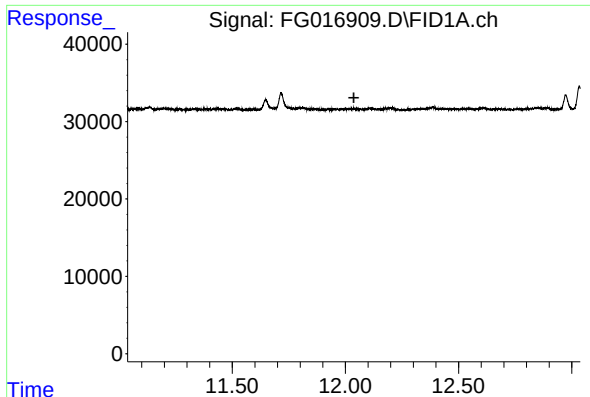
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016909.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 13:08
Operator : YP\AJ
Sample : Q3584-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-2

Integration File: sample.E
Quant Time: Nov 14 04:28:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

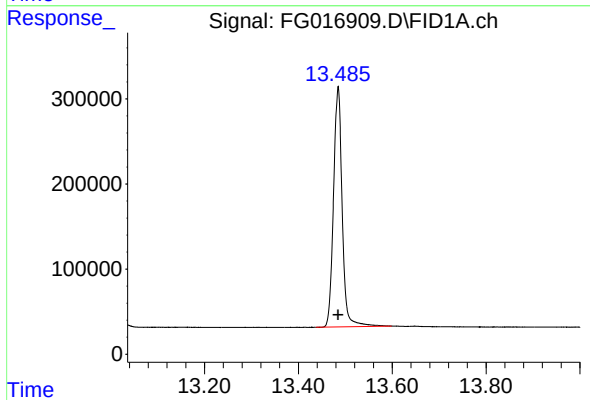




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SW-2



#12 1-chlorooctadecane (SURR)

R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 3629597
Conc: 30.14 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
 Data File : FG016909.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2025 13:08
 Sample : Q3584-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.296	3.255	3.318	BV	39	956	0.03%	0.009%
2	3.325	3.318	3.334	VV	53	440	0.01%	0.004%
3	3.362	3.334	3.395	VV	165	2940	0.08%	0.027%
4	3.451	3.395	3.471	PV	120	3180	0.09%	0.029%
5	3.480	3.471	3.502	VV	95	1407	0.04%	0.013%
6	3.505	3.502	3.528	VV	106	1129	0.03%	0.010%
7	3.532	3.528	3.589	VV	85	2228	0.06%	0.020%
8	3.599	3.589	3.615	VV	111	1088	0.03%	0.010%
9	3.634	3.615	3.662	VV	93	1612	0.04%	0.015%
10	3.679	3.662	3.705	VV	178	2578	0.07%	0.024%
11	3.755	3.705	3.801	VV	144	4311	0.12%	0.039%
12	3.812	3.801	3.834	VV	136	1769	0.05%	0.016%
13	3.848	3.834	3.935	VV	124	4588	0.12%	0.042%
14	3.971	3.935	4.022	VV	152	4571	0.12%	0.042%
15	4.053	4.022	4.110	VV	144	4302	0.12%	0.039%
16	4.138	4.110	4.147	VV	145	1404	0.04%	0.013%
17	4.161	4.147	4.182	VV	271	2940	0.08%	0.027%
18	4.192	4.182	4.219	VV	291	3981	0.11%	0.036%
19	4.235	4.219	4.246	VV	117	1103	0.03%	0.010%
20	4.271	4.246	4.322	VV	255	3999	0.11%	0.037%
21	4.364	4.322	4.411	VV	268	6657	0.18%	0.061%
22	4.420	4.411	4.448	VV	135	1890	0.05%	0.017%
23	4.459	4.448	4.518	VV	93	3267	0.09%	0.030%
24	4.533	4.518	4.589	VV	510	6953	0.19%	0.064%
25	4.623	4.589	4.645	VV	982	11746	0.31%	0.108%
26	4.659	4.645	4.715	VV	158	4758	0.13%	0.044%
27	4.735	4.715	4.775	VV	247	5376	0.14%	0.049%
28	4.811	4.775	4.859	VV	326	7128	0.19%	0.065%
29	4.875	4.859	4.891	VV	274	3129	0.08%	0.029%
30	4.907	4.891	4.946	VV	391	6695	0.18%	0.061%
31	4.959	4.946	4.979	VV	143	2208	0.06%	0.020%
32	4.991	4.979	5.027	VV	174	3396	0.09%	0.031%
33	5.044	5.027	5.071	VV	193	3534	0.09%	0.032%
34	5.086	5.071	5.103	VV	155	2039	0.05%	0.019%
35	5.109	5.103	5.176	VV	120	2824	0.08%	0.026%
36	5.203	5.176	5.226	VV	81	1157	0.03%	0.011%

					rteres			
37	5.242	5.226	5.281	VV	142	2699	0.07%	0.025%
38	5.328	5.281	5.361	VV	948	14439	0.39%	0.132%
39	5.381	5.361	5.424	VV	247	5369	0.14%	0.049%
40	5.447	5.424	5.497	VV	270	3153	0.08%	0.029%
41	5.512	5.497	5.520	PV	90	623	0.02%	0.006%
42	5.534	5.520	5.542	VV	87	857	0.02%	0.008%
43	5.553	5.542	5.571	VV	138	1468	0.04%	0.013%
44	5.593	5.571	5.625	VV	117	1920	0.05%	0.018%
45	5.632	5.625	5.675	VV	113	1794	0.05%	0.016%
46	5.686	5.675	5.702	VV	111	839	0.02%	0.008%
47	5.708	5.702	5.749	VV	64	1717	0.05%	0.016%
48	5.767	5.749	5.794	VV	337	4689	0.13%	0.043%
49	5.811	5.794	5.832	VV	336	3989	0.11%	0.037%
50	5.842	5.832	5.908	VV	76	3055	0.08%	0.028%
51	5.956	5.908	6.006	VV	169	6499	0.17%	0.060%
52	6.031	6.006	6.054	VV	175	2550	0.07%	0.023%
53	6.078	6.054	6.106	VV	203	3998	0.11%	0.037%
54	6.138	6.106	6.183	VV	262	5050	0.14%	0.046%
55	6.202	6.183	6.227	VV	173	2041	0.05%	0.019%
56	6.249	6.227	6.278	VV	282	3685	0.10%	0.034%
57	6.301	6.278	6.337	PV	230	4134	0.11%	0.038%
58	6.362	6.337	6.381	VV	518	7228	0.19%	0.066%
59	6.401	6.381	6.428	VV	471	6367	0.17%	0.058%
60	6.448	6.428	6.481	VV	722	10623	0.28%	0.097%
61	6.511	6.481	6.552	VV	940	10775	0.29%	0.099%
62	6.582	6.552	6.618	VV	142	3815	0.10%	0.035%
63	6.628	6.618	6.664	VV	89	1354	0.04%	0.012%
64	6.676	6.664	6.685	VV	121	976	0.03%	0.009%
65	6.691	6.685	6.727	VV	138	1964	0.05%	0.018%
66	6.736	6.727	6.755	VV	108	1065	0.03%	0.010%
67	6.804	6.755	6.868	VV	4609	59607	1.59%	0.546%
68	6.889	6.868	6.910	VV	251	4345	0.12%	0.040%
69	6.927	6.910	6.941	VV	279	3316	0.09%	0.030%
70	6.958	6.941	6.983	VV	546	7219	0.19%	0.066%
71	6.994	6.983	7.014	VV	242	2993	0.08%	0.027%
72	7.033	7.014	7.072	VV	348	5116	0.14%	0.047%
73	7.091	7.072	7.125	VV	200	3225	0.09%	0.030%
74	7.145	7.125	7.175	VV	195	2897	0.08%	0.027%
75	7.212	7.175	7.235	VV	148	3273	0.09%	0.030%
76	7.261	7.235	7.292	VV	222	3366	0.09%	0.031%
77	7.319	7.292	7.329	VV	429	5017	0.13%	0.046%
78	7.336	7.329	7.353	VV	370	3825	0.10%	0.035%
79	7.381	7.353	7.408	VV	427	7035	0.19%	0.064%
80	7.430	7.408	7.466	VV	485	9489	0.25%	0.087%
81	7.485	7.466	7.515	VV	434	5147	0.14%	0.047%
82	7.531	7.515	7.544	VV	83	1112	0.03%	0.010%
83	7.558	7.544	7.587	VV	107	1259	0.03%	0.012%
84	7.611	7.587	7.636	VV	719	8344	0.22%	0.076%
85	7.652	7.636	7.660	VV	55	585	0.02%	0.005%
86	7.672	7.660	7.682	VV	71	892	0.02%	0.008%
87	7.691	7.682	7.712	VV	127	1318	0.04%	0.012%
88	7.725	7.712	7.734	VV	129	1306	0.03%	0.012%
89	7.755	7.734	7.774	VV	236	3755	0.10%	0.034%

					rteres			
90	7.785	7.774	7.801	VV	178	1798	0.05%	0.016%
91	7.821	7.801	7.838	VV	180	2589	0.07%	0.024%
92	7.848	7.838	7.876	VV	188	1841	0.05%	0.017%
93	7.891	7.876	7.900	VV	83	713	0.02%	0.007%
94	7.920	7.900	7.954	VV	122	1795	0.05%	0.016%
95	7.969	7.954	7.997	VV	53	1017	0.03%	0.009%
96	8.022	7.997	8.055	PV	282	3872	0.10%	0.035%
97	8.091	8.055	8.100	VV	211	2340	0.06%	0.021%
98	8.122	8.100	8.156	VV	216	3452	0.09%	0.032%
99	8.190	8.156	8.229	PV	195	4182	0.11%	0.038%
100	8.245	8.229	8.306	VV	164	3253	0.09%	0.030%
101	8.338	8.306	8.368	PV	279	4009	0.11%	0.037%
102	8.391	8.368	8.449	VV	1300	16718	0.45%	0.153%
103	8.462	8.449	8.495	VV	104	1655	0.04%	0.015%
104	8.550	8.495	8.610	VV	506	13063	0.35%	0.120%
105	8.644	8.610	8.728	VV	2886	50186	1.34%	0.460%
106	8.746	8.728	8.772	VV	296	6500	0.17%	0.060%
107	8.801	8.772	8.822	VV	289	5326	0.14%	0.049%
108	8.838	8.822	8.865	VV	176	2957	0.08%	0.027%
109	8.880	8.865	8.918	VV	152	2807	0.08%	0.026%
110	8.926	8.918	8.936	VV	55	475	0.01%	0.004%
111	9.021	8.936	9.048	VV	181	6948	0.19%	0.064%
112	9.066	9.048	9.085	VV	148	2601	0.07%	0.024%
113	9.095	9.085	9.126	VV	138	2921	0.08%	0.027%
114	9.140	9.126	9.173	VV	143	3456	0.09%	0.032%
115	9.193	9.173	9.233	VV	290	5271	0.14%	0.048%
116	9.252	9.233	9.266	VV	105	1378	0.04%	0.013%
117	9.302	9.266	9.329	PV	107	2160	0.06%	0.020%
118	9.379	9.329	9.396	VV	745	10723	0.29%	0.098%
119	9.412	9.396	9.426	VV	301	4083	0.11%	0.037%
120	9.443	9.426	9.459	VV	270	4156	0.11%	0.038%
121	9.490	9.459	9.547	VV	727	15486	0.41%	0.142%
122	9.568	9.547	9.596	VV	210	3238	0.09%	0.030%
123	9.614	9.596	9.642	VV	173	2354	0.06%	0.022%
124	9.671	9.642	9.681	VV	120	1941	0.05%	0.018%
125	9.737	9.681	9.756	VV	299	7841	0.21%	0.072%
126	9.779	9.756	9.825	VV	361	6006	0.16%	0.055%
127	9.847	9.825	9.882	VV	386	6260	0.17%	0.057%
128	9.900	9.882	9.935	VV	213	4327	0.12%	0.040%
129	9.993	9.935	10.018	VV	274	6239	0.17%	0.057%
130	10.040	10.018	10.080	VV	874	12309	0.33%	0.113%
131	10.100	10.080	10.117	VV	121	1845	0.05%	0.017%
132	10.137	10.117	10.165	VV	140	2070	0.06%	0.019%
133	10.186	10.165	10.240	VV	460	9884	0.26%	0.091%
134	10.264	10.240	10.352	VV	1303	24677	0.66%	0.226%
135	10.366	10.352	10.410	VV	160	3065	0.08%	0.028%
136	10.434	10.410	10.470	VV	99	1429	0.04%	0.013%
137	10.508	10.470	10.530	PV	61	1617	0.04%	0.015%
138	10.547	10.530	10.561	VV	69	1021	0.03%	0.009%
139	10.578	10.561	10.610	PV	92	1625	0.04%	0.015%
140	10.657	10.610	10.682	VV	262	5431	0.15%	0.050%
141	10.686	10.682	10.718	VV	162	2456	0.07%	0.022%

					rteres			
142	10.742	10.718	10.806	VV	141	3574	0.10%	0.033%
143	10.818	10.806	10.833	PV	48	679	0.02%	0.006%
144	10.896	10.833	10.919	VV	155	4654	0.12%	0.043%
145	10.945	10.919	10.971	VV	219	4512	0.12%	0.041%
146	11.011	10.971	11.048	VV	301	7158	0.19%	0.066%
147	11.085	11.048	11.102	VV	208	4293	0.11%	0.039%
148	11.135	11.102	11.163	VV	358	7453	0.20%	0.068%
149	11.198	11.163	11.215	VV	220	4454	0.12%	0.041%
150	11.222	11.215	11.246	VV	203	2355	0.06%	0.022%
151	11.268	11.246	11.311	PV	136	2678	0.07%	0.025%
152	11.329	11.311	11.359	VV	128	2519	0.07%	0.023%
153	11.437	11.359	11.502	VV	167	8125	0.22%	0.074%
154	11.517	11.502	11.552	VV	181	3154	0.08%	0.029%
155	11.573	11.552	11.615	VV	87	1861	0.05%	0.017%
156	11.648	11.615	11.690	VV	1312	22248	0.60%	0.204%
157	11.716	11.690	11.782	VV	2253	38401	1.03%	0.352%
158	11.810	11.782	11.845	VV	313	7507	0.20%	0.069%
159	11.857	11.845	11.898	VV	110	2831	0.08%	0.026%
160	11.925	11.898	11.948	VV	95	2179	0.06%	0.020%
161	11.955	11.948	11.975	VV	87	1324	0.04%	0.012%
162	12.036	11.975	12.090	VV	197	7928	0.21%	0.073%
163	12.109	12.090	12.120	VV	227	2893	0.08%	0.026%
164	12.124	12.120	12.158	VV	143	2345	0.06%	0.021%
165	12.201	12.158	12.255	VV	295	8148	0.22%	0.075%
166	12.262	12.255	12.272	PV	22	254	0.01%	0.002%
167	12.276	12.272	12.289	VV	136	688	0.02%	0.006%
168	12.310	12.289	12.319	VV	120	1640	0.04%	0.015%
169	12.387	12.319	12.418	VV	367	11366	0.30%	0.104%
170	12.428	12.418	12.501	VV	202	6434	0.17%	0.059%
171	12.519	12.501	12.532	VV	152	2302	0.06%	0.021%
172	12.545	12.532	12.571	VV	169	2800	0.07%	0.026%
173	12.608	12.571	12.640	VV	232	6317	0.17%	0.058%
174	12.651	12.640	12.738	VV	131	4121	0.11%	0.038%
175	12.771	12.738	12.792	VV	123	2359	0.06%	0.022%
176	12.843	12.792	12.875	VV	291	8433	0.23%	0.077%
177	12.890	12.875	12.921	VV	250	4221	0.11%	0.039%
178	12.973	12.921	13.008	VV	1914	27185	0.73%	0.249%
179	13.033	13.008	13.119	VV	3053	46893	1.25%	0.429%
180	13.152	13.119	13.202	VV	216	5951	0.16%	0.055%
181	13.207	13.202	13.232	VV	76	618	0.02%	0.006%
182	13.250	13.232	13.272	VV	55	739	0.02%	0.007%
183	13.287	13.272	13.298	PV	77	719	0.02%	0.007%
184	13.315	13.298	13.344	VV	85	1353	0.04%	0.012%
185	13.362	13.344	13.386	VV	61	939	0.03%	0.009%
186	13.400	13.386	13.421	VV	74	1334	0.04%	0.012%
187	13.485	13.421	13.635	VV	282644	3738475	100.00%	34.238%
188	13.648	13.635	13.835	VV	1399	83333	2.23%	0.763%
189	13.847	13.835	13.902	VV	417	14906	0.40%	0.137%
190	13.912	13.902	13.925	VV	365	4573	0.12%	0.042%
191	13.928	13.925	13.979	VV	351	8752	0.23%	0.080%
192	13.994	13.979	14.006	VV	262	3764	0.10%	0.034%
193	14.033	14.006	14.048	VV	290	5995	0.16%	0.055%
194	14.057	14.048	14.122	VV	279	10266	0.27%	0.094%

					rteres			
195	14.189	14.122	14.217	VV	1429	27004	0.72%	0.247%
196	14.241	14.217	14.339	VV	2258	41255	1.10%	0.378%
197	14.356	14.339	14.438	VV	165	4525	0.12%	0.041%
198	14.462	14.438	14.471	VV	144	1954	0.05%	0.018%
199	14.479	14.471	14.502	VV	146	1833	0.05%	0.017%
200	14.504	14.502	14.553	VV	126	1971	0.05%	0.018%
201	14.566	14.553	14.645	VV	102	4047	0.11%	0.037%
202	14.688	14.645	14.775	VV	692	19096	0.51%	0.175%
203	14.812	14.775	14.871	VV	222	6677	0.18%	0.061%
204	14.888	14.871	14.915	VV	468	3274	0.09%	0.030%
205	14.929	14.915	14.978	VV	150	3842	0.10%	0.035%
206	15.012	14.978	15.042	VV	141	3414	0.09%	0.031%
207	15.089	15.042	15.125	VV	116	4135	0.11%	0.038%
208	15.132	15.125	15.187	VV	138	3151	0.08%	0.029%
209	15.207	15.187	15.239	VV	189	2542	0.07%	0.023%
210	15.311	15.239	15.331	VV	778	13060	0.35%	0.120%
211	15.354	15.331	15.418	VV	1284	26614	0.71%	0.244%
212	15.426	15.418	15.455	VV	183	2930	0.08%	0.027%
213	15.522	15.455	15.549	VV	139	4866	0.13%	0.045%
214	15.563	15.549	15.585	VV	150	1709	0.05%	0.016%
215	15.594	15.585	15.614	VV	87	1093	0.03%	0.010%
216	15.623	15.614	15.644	VV	139	1145	0.03%	0.010%
217	15.657	15.644	15.668	VV	86	883	0.02%	0.008%
218	15.678	15.668	15.696	VV	70	936	0.03%	0.009%
219	15.725	15.696	15.754	PV	109	2296	0.06%	0.021%
220	15.788	15.754	15.815	VV	114	2993	0.08%	0.027%
221	15.830	15.815	15.846	VV	94	1026	0.03%	0.009%
222	15.880	15.846	15.945	VV	214	5928	0.16%	0.054%
223	16.010	15.945	16.028	VV	85	1797	0.05%	0.016%
224	16.035	16.028	16.044	PV	57	310	0.01%	0.003%
225	16.064	16.044	16.115	VV	63	1793	0.05%	0.016%
226	16.224	16.115	16.269	VV	85	3777	0.10%	0.035%
227	16.286	16.269	16.314	PV	71	855	0.02%	0.008%
228	16.345	16.314	16.361	PV	447	6528	0.17%	0.060%
229	16.384	16.361	16.426	VV	1031	20099	0.54%	0.184%
230	16.431	16.426	16.498	VV	207	3636	0.10%	0.033%
231	16.504	16.498	16.552	VV	79	1651	0.04%	0.015%
232	16.559	16.552	16.572	VV	84	691	0.02%	0.006%
233	16.611	16.572	16.647	VV	51	1423	0.04%	0.013%
234	16.697	16.647	16.725	PV	172	3894	0.10%	0.036%
235	16.735	16.725	16.753	VV	149	763	0.02%	0.007%
236	16.759	16.753	16.768	VV	38	176	0.00%	0.002%
237	16.775	16.768	16.798	VV	58	711	0.02%	0.007%
238	16.826	16.798	16.836	VV	65	593	0.02%	0.005%
239	16.872	16.836	16.899	PV	488	8625	0.23%	0.079%
240	16.910	16.899	16.923	VV	152	1890	0.05%	0.017%
241	16.928	16.923	16.937	VV	82	693	0.02%	0.006%
242	16.999	16.937	17.009	VV	85	2568	0.07%	0.024%
243	17.122	17.009	17.131	VV	83	4135	0.11%	0.038%
244	17.194	17.131	17.212	VV	81	2953	0.08%	0.027%
245	17.226	17.212	17.248	VV	129	1369	0.04%	0.013%
246	17.265	17.248	17.278	VV	80	788	0.02%	0.007%

					rteres			
247	17.309	17.278	17.318	PV	343	5044	0.13%	0.046%
248	17.340	17.318	17.407	VV	842	18724	0.50%	0.171%
249	17.449	17.407	17.457	VV	91	2267	0.06%	0.021%
250	17.472	17.457	17.481	VV	91	719	0.02%	0.007%
251	17.505	17.481	17.522	VV	95	983	0.03%	0.009%
252	17.530	17.522	17.542	PV	71	627	0.02%	0.006%
253	17.689	17.542	17.702	VV	52	2787	0.07%	0.026%
254	17.796	17.702	17.848	PV	683	13757	0.37%	0.126%
255	17.855	17.848	17.861	VV	76	494	0.01%	0.005%
256	17.964	17.861	17.973	VV	62	3432	0.09%	0.031%
257	18.032	17.973	18.042	VV	68	1677	0.04%	0.015%
258	18.235	18.042	18.275	PV	1157	23934	0.64%	0.219%
259	18.285	18.275	18.293	VV	106	886	0.02%	0.008%
260	18.308	18.293	18.335	VV	113	1063	0.03%	0.010%
261	18.397	18.335	18.411	PV	122	2185	0.06%	0.020%
262	18.509	18.411	18.518	PV	105	1026	0.03%	0.009%
263	18.526	18.518	18.533	VV	96	561	0.02%	0.005%
264	18.577	18.533	18.584	PV	102	1645	0.04%	0.015%
265	18.660	18.584	18.714	VV	1056	21909	0.59%	0.201%
266	18.943	18.714	18.950	VV	109	10047	0.27%	0.092%
267	19.072	18.950	19.148	PV	1343	30777	0.82%	0.282%
268	19.472	19.148	19.521	PV	1304	65156	1.74%	0.597%
269	19.862	19.521	19.894	VV	2227	206099	5.51%	1.888%
270	20.163	19.894	20.170	VV	2476	312198	8.35%	2.859%
271	20.239	20.170	20.275	VV	3384	175704	4.70%	1.609%
272	20.515	20.275	20.530	VV	4135	529735	14.17%	4.851%
273	20.606	20.530	20.632	VV	5166	275907	7.38%	2.527%
274	20.834	20.632	20.878	VV	5551	790597	21.15%	7.241%
275	20.884	20.878	20.902	VV	5431	75374	2.02%	0.690%
276	20.976	20.902	21.012	VV	5817	360514	9.64%	3.302%
277	21.179	21.012	21.215	VV	5265	638903	17.09%	5.851%
278	21.226	21.215	21.248	VV	4958	98187	2.63%	0.899%
279	21.256	21.248	21.267	VV	4877	55137	1.47%	0.505%
280	21.380	21.267	21.443	VV	4996	499941	13.37%	4.579%
281	21.463	21.443	21.508	VV	4418	168448	4.51%	1.543%
282	21.575	21.508	21.590	VV	4011	199172	5.33%	1.824%
283	21.603	21.590	21.628	VV	3862	87193	2.33%	0.799%
284	21.667	21.628	21.685	VV	3689	124301	3.32%	1.138%
285	21.742	21.685	21.755	VV	3715	149855	4.01%	1.372%
286	21.789	21.755	21.807	VV	3536	109287	2.92%	1.001%
287	21.854	21.807	21.888	VV	3715	173070	4.63%	1.585%
288	21.898	21.888	21.999	VV	3494	203647	5.45%	1.865%
289	22.044	21.999	22.055	VV	2533	83628	2.24%	0.766%
290	22.065	22.055	22.218	VV	2424	178789	4.78%	1.637%
291	22.245	22.218	22.255	VV	1207	25926	0.69%	0.237%
292	22.265	22.255	22.312	VV	1091	32892	0.88%	0.301%
293	22.345	22.312	22.412	VV	793	38254	1.02%	0.350%
294	22.443	22.412	22.457	VV	294	7318	0.20%	0.067%
295	22.469	22.457	22.483	VV	146	1519	0.04%	0.014%

Sum of corrected areas: 10919043

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL
Prep Method :		Prep Date	11/12/25
		Test:	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	4.33	J	1	2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	6.88	J	1	4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	130		1	8.27	50.0	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	55.0			40 - 140	110%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	58.8			40 - 140	118%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	41.0			40 - 140	82%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3584-03	Acq On:	12 Nov 2025 17:54
Client Sample ID:	SW-3	Operator:	YP\AJ
Data file:	FF016662.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	285823	2.166	200	ug/ml
Aromatic C12-C16	6.385	9.088	464974	3.44	300	ug/ml
Aromatic C16-C21	9.089	13.409	8706373	65.098	500	ug/ml
Aromatic C21-C36	13.410	18.874	794876	6.755	800	ug/ml
Aromatic EPH	4.507	18.874	10252046	77.459		ug/ml
2-Bromonaphthalene (SURR)	8.014	8.014	6230480	54.98		ug/ml
2-Fluorobiphenyl (SURR)	8.890	8.890	4194542	58.81		ug/ml
ortho-Terphenyl (SURR)	11.957	11.957	6026903	41.04		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016662.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 17:54
 Operator : YP\AJ
 Sample : Q3584-03
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SW-3

Integration File: autoint1.e
 Quant Time: Nov 14 05:19:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.014	6230480	54.981 ug/ml
Spiked Amount 50.000		Recovery =	109.96%
6) S 2-Fluorobiphenyl (SURR)	8.890	4194542	58.812 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.62%
11) S ortho-Terphenyl (SURR)	11.957	6026903	41.041 ug/ml
Spiked Amount 50.000		Recovery =	82.08%

Target Compounds

(f)=RT Delta > 1/2 Window

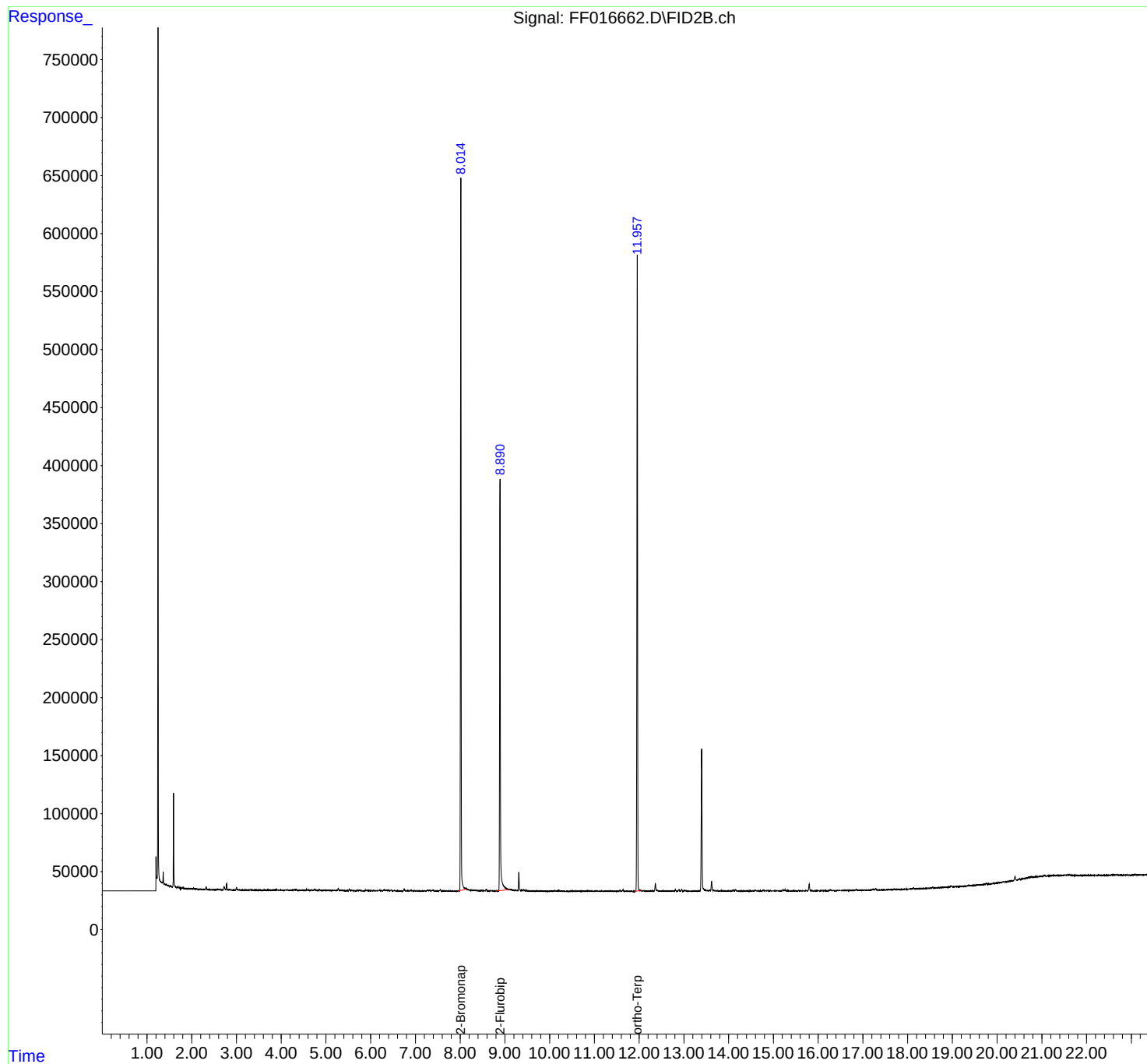
(m)=manual int.

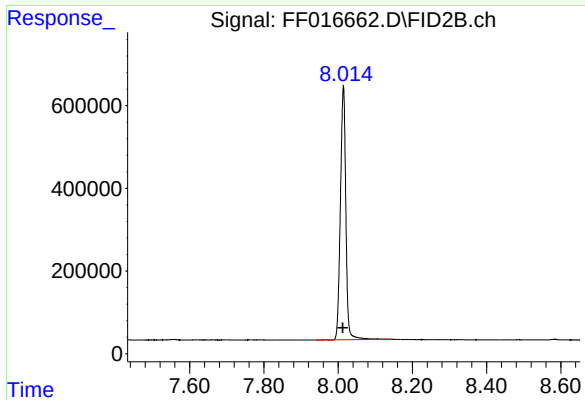
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016662.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 17:54
Operator : YP\AJ
Sample : Q3584-03
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SW-3

Integration File: autoint1.e
Quant Time: Nov 14 05:19:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

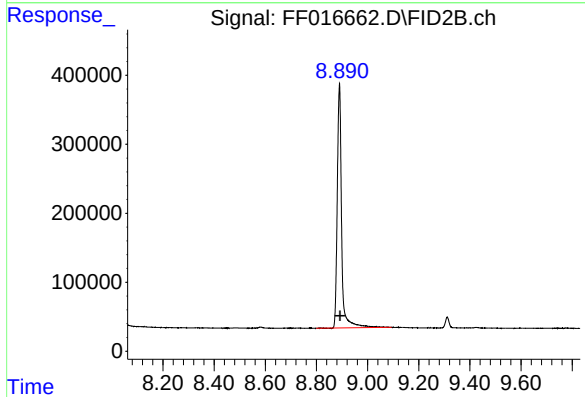




#4 2-Bromonaphthalene (SURRE)

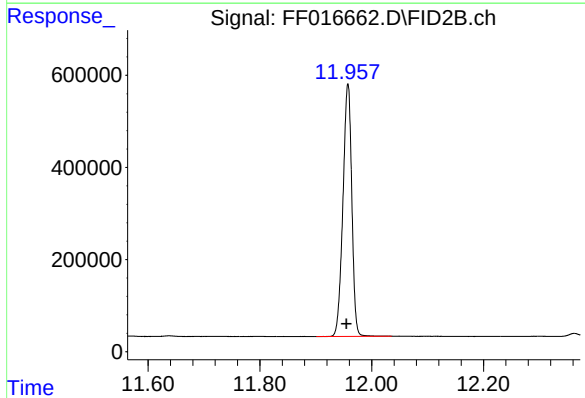
R.T.: 8.014 min
Delta R.T.: 0.001 min
Response: 6230480
Conc: 54.98 ug/ml

Instrument :
FID_F
ClientSampleId :
SW-3



#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.890 min
Delta R.T.: -0.003 min
Response: 4194542
Conc: 58.81 ug/ml



#11 ortho-Terphenyl (SURRE)

R.T.: 11.957 min
Delta R.T.: 0.003 min
Response: 6026903
Conc: 41.04 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016662.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 17:54
 Sample : Q3584-03
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.482	4.456	4.517	VV	334	4108	0.06%	0.020%
2	4.523	4.517	4.544	VV	96	1133	0.02%	0.005%
3	4.570	4.544	4.593	PV	1000	12216	0.19%	0.058%
4	4.608	4.593	4.636	VV	429	5500	0.09%	0.026%
5	4.647	4.636	4.653	VV	163	1507	0.02%	0.007%
6	4.682	4.660	4.720	VV	582	11633	0.18%	0.055%
7	4.738	4.720	4.749	VV	986	11475	0.18%	0.055%
8	4.758	4.749	4.781	VV	761	8954	0.14%	0.043%
9	4.785	4.781	4.802	VV	250	2631	0.04%	0.013%
10	4.823	4.808	4.837	VV	560	5868	0.09%	0.028%
11	4.856	4.837	4.879	VV	959	11103	0.17%	0.053%
12	4.888	4.879	4.909	VV	220	3376	0.05%	0.016%
13	4.913	4.909	4.926	VV	237	1871	0.03%	0.009%
14	4.941	4.926	4.955	VV	257	3588	0.06%	0.017%
15	4.961	4.955	4.976	VV	267	2304	0.04%	0.011%
16	4.987	4.976	5.011	VV	361	4715	0.07%	0.022%
17	5.026	5.016	5.057	VV	268	5136	0.08%	0.024%
18	5.067	5.057	5.084	VV	361	4242	0.07%	0.020%
19	5.092	5.084	5.117	VV	234	3073	0.05%	0.015%
20	5.122	5.117	5.131	VV	162	1028	0.02%	0.005%
21	5.139	5.131	5.153	VV	173	1511	0.02%	0.007%
22	5.158	5.153	5.171	VV	172	1211	0.02%	0.006%
23	5.187	5.171	5.198	VV	267	2964	0.05%	0.014%
24	5.205	5.198	5.217	VV	214	1466	0.02%	0.007%
25	5.221	5.217	5.232	VV	158	1171	0.02%	0.006%
26	5.249	5.232	5.259	VV	454	5028	0.08%	0.024%
27	5.275	5.259	5.306	VV	2063	26915	0.42%	0.128%
28	5.337	5.306	5.379	VV	514	12094	0.19%	0.058%
29	5.390	5.379	5.411	VV	272	3141	0.05%	0.015%
30	5.414	5.411	5.449	VV	105	1324	0.02%	0.006%
31	5.480	5.469	5.496	VV	169	1214	0.02%	0.006%
32	5.519	5.496	5.567	VV	1248	20584	0.32%	0.098%
33	5.575	5.567	5.580	VV	314	1985	0.03%	0.009%
34	5.583	5.580	5.664	VV	276	6179	0.10%	0.029%
35	5.678	5.664	5.692	VV	192	2294	0.04%	0.011%
36	5.712	5.692	5.730	VV	518	6862	0.11%	0.033%

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37	5.758	5.730	5.786	VV	634	11227	0.18%	0.054%
38	5.815	5.801	5.847	VV	200	3167	0.05%	0.015%
39	5.868	5.847	5.873	VV	155	1500	0.02%	0.007%
40	5.885	5.873	5.892	VV	178	1447	0.02%	0.007%
41	5.896	5.892	5.937	VV	301	4626	0.07%	0.022%
42	5.943	5.937	5.962	VV	146	1574	0.02%	0.008%
43	5.978	5.962	5.991	VV	223	2460	0.04%	0.012%
44	6.004	5.991	6.013	VV	219	1921	0.03%	0.009%
45	6.026	6.013	6.049	VV	271	3714	0.06%	0.018%
46	6.062	6.049	6.071	VV	320	2426	0.04%	0.012%
47	6.088	6.071	6.098	VV	350	3663	0.06%	0.017%
48	6.103	6.098	6.128	VV	161	1380	0.02%	0.007%
49	6.150	6.136	6.166	VV	200	1558	0.02%	0.007%
50	6.200	6.174	6.231	PV	758	11775	0.18%	0.056%
51	6.235	6.231	6.240	VV	244	1238	0.02%	0.006%
52	6.246	6.240	6.269	VV	312	3519	0.06%	0.017%
53	6.292	6.269	6.334	VV	919	21495	0.34%	0.102%
54	6.349	6.334	6.377	VV	683	9837	0.15%	0.047%
55	6.393	6.377	6.433	VV	1074	15360	0.24%	0.073%
56	6.458	6.433	6.488	VV	1129	15682	0.25%	0.075%
57	6.526	6.488	6.551	VV	267	7350	0.12%	0.035%
58	6.559	6.556	6.575	VV	227	2162	0.03%	0.010%
59	6.580	6.575	6.590	VV	210	1683	0.03%	0.008%
60	6.596	6.590	6.679	VV	238	7747	0.12%	0.037%
61	6.681	6.679	6.707	VV	134	1271	0.02%	0.006%
62	6.749	6.722	6.786	VV	2003	24729	0.39%	0.118%
63	6.788	6.786	6.797	VV	188	1050	0.02%	0.005%
64	6.802	6.797	6.818	VV	144	1537	0.02%	0.007%
65	6.834	6.818	6.855	VV	407	4863	0.08%	0.023%
66	6.871	6.855	6.887	VV	359	4184	0.07%	0.020%
67	6.903	6.887	6.923	VV	792	9532	0.15%	0.045%
68	6.934	6.923	6.961	VV	265	3939	0.06%	0.019%
69	6.977	6.961	7.008	VV	519	6219	0.10%	0.030%
70	7.032	7.008	7.063	PV	301	4772	0.07%	0.023%
71	7.089	7.074	7.131	VV	245	3599	0.06%	0.017%
72	7.149	7.131	7.179	VV	219	3544	0.06%	0.017%
73	7.206	7.179	7.239	VV	438	6681	0.10%	0.032%
74	7.262	7.239	7.274	VV	617	7924	0.12%	0.038%
75	7.283	7.274	7.299	VV	483	5865	0.09%	0.028%
76	7.325	7.299	7.356	VV	664	12518	0.20%	0.060%
77	7.389	7.356	7.413	VV	814	16306	0.26%	0.078%
78	7.427	7.413	7.452	VV	563	6654	0.10%	0.032%
79	7.457	7.452	7.476	VV	124	1142	0.02%	0.005%
80	7.499	7.476	7.515	VV	229	3735	0.06%	0.018%
81	7.556	7.515	7.579	VV	1481	20053	0.31%	0.096%
82	7.613	7.600	7.634	VV	337	4333	0.07%	0.021%
83	7.640	7.634	7.650	VV	260	1846	0.03%	0.009%
84	7.662	7.650	7.679	VV	282	3776	0.06%	0.018%
85	7.699	7.679	7.718	VV	450	6240	0.10%	0.030%
86	7.736	7.718	7.746	VV	186	2016	0.03%	0.010%
87	7.761	7.746	7.779	VV	303	4615	0.07%	0.022%
88	7.790	7.785	7.792	VV	298	1186	0.02%	0.006%
89	7.796	7.792	7.814	VV	328	2078	0.03%	0.010%

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90	7.827	7.814	7.839	VV	175	1328	0.02%	0.006%
91	7.850	7.839	7.873	VV	150	1656	0.03%	0.008%
92	7.934	7.885	7.942	PV	205	3114	0.05%	0.015%
93	7.965	7.942	7.982	VV	504	5796	0.09%	0.028%
94	8.014	7.982	8.178	VV	613654	6373142	100.00%	30.370%
95	8.182	8.178	8.221	VV	1351	30298	0.48%	0.144%
96	8.229	8.221	8.259	VV	1070	21283	0.33%	0.101%
97	8.271	8.259	8.313	VV	1030	26572	0.42%	0.127%
98	8.330	8.313	8.362	VV	892	20817	0.33%	0.099%
99	8.372	8.362	8.392	VV	637	10118	0.16%	0.048%
100	8.397	8.392	8.432	VV	586	11261	0.18%	0.054%
101	8.436	8.432	8.446	VV	409	3247	0.05%	0.015%
102	8.484	8.446	8.506	VV	718	18442	0.29%	0.088%
103	8.512	8.506	8.546	VV	491	9695	0.15%	0.046%
104	8.550	8.546	8.560	VV	393	3072	0.05%	0.015%
105	8.582	8.560	8.636	VV	1859	32672	0.51%	0.156%
106	8.642	8.636	8.661	VV	319	4069	0.06%	0.019%
107	8.680	8.661	8.688	VV	472	5794	0.09%	0.028%
108	8.699	8.688	8.712	VV	427	5461	0.09%	0.026%
109	8.727	8.712	8.760	VV	410	8909	0.14%	0.042%
110	8.779	8.760	8.798	VV	391	6484	0.10%	0.031%
111	8.818	8.798	8.838	VV	470	6983	0.11%	0.033%
112	8.848	8.838	8.854	VV	193	1712	0.03%	0.008%
113	8.890	8.854	9.109	VV	355970	4355676	68.34%	20.756%
114	9.115	9.109	9.117	VV	1543	7509	0.12%	0.036%
115	9.122	9.117	9.174	VV	1553	43958	0.69%	0.209%
116	9.184	9.174	9.217	VV	1012	22418	0.35%	0.107%
117	9.234	9.217	9.239	VV	867	10160	0.16%	0.048%
118	9.243	9.239	9.275	VV	842	15447	0.24%	0.074%
119	9.281	9.275	9.285	VV	710	4033	0.06%	0.019%
120	9.311	9.285	9.336	VV	16513	176678	2.77%	0.842%
121	9.342	9.336	9.356	VV	993	11135	0.17%	0.053%
122	9.362	9.356	9.379	VV	859	10512	0.16%	0.050%
123	9.389	9.379	9.407	VV	934	13935	0.22%	0.066%
124	9.425	9.407	9.485	VV	1468	37028	0.58%	0.176%
125	9.494	9.485	9.521	VV	526	8986	0.14%	0.043%
126	9.547	9.521	9.579	VV	407	9770	0.15%	0.047%
127	9.595	9.579	9.606	VV	423	5415	0.08%	0.026%
128	9.611	9.606	9.625	VV	328	3275	0.05%	0.016%
129	9.634	9.625	9.649	VV	326	3989	0.06%	0.019%
130	9.654	9.649	9.672	VV	284	3021	0.05%	0.014%
131	9.677	9.672	9.684	VV	183	1284	0.02%	0.006%
132	9.701	9.684	9.734	VV	379	8164	0.13%	0.039%
133	9.738	9.734	9.755	VV	227	2343	0.04%	0.011%
134	9.777	9.755	9.822	VV	518	11419	0.18%	0.054%
135	9.858	9.832	9.868	VV	233	3956	0.06%	0.019%
136	9.871	9.868	9.899	VV	179	2734	0.04%	0.013%
137	9.916	9.899	9.950	VV	289	4971	0.08%	0.024%
138	9.976	9.950	9.994	VV	293	4321	0.07%	0.021%
139	10.001	9.994	10.009	VV	190	1398	0.02%	0.007%
140	10.026	10.009	10.059	VV	759	10314	0.16%	0.049%
141	10.073	10.059	10.091	VV	270	3914	0.06%	0.019%

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142	10.110	10.091	10.169	VV	620	16004	0.25%	0.076%
143	10.192	10.169	10.241	VV	1001	19013	0.30%	0.091%
144	10.260	10.241	10.276	VV	295	4452	0.07%	0.021%
145	10.291	10.276	10.307	VV	302	3940	0.06%	0.019%
146	10.314	10.307	10.334	VV	189	2393	0.04%	0.011%
147	10.357	10.334	10.383	VV	208	4315	0.07%	0.021%
148	10.399	10.395	10.416	VV	141	1009	0.02%	0.005%
149	10.469	10.433	10.476	PV	171	2197	0.03%	0.010%
150	10.514	10.483	10.544	VV	331	6823	0.11%	0.033%
151	10.550	10.544	10.562	VV	177	1668	0.03%	0.008%
152	10.588	10.562	10.603	VV	340	6061	0.10%	0.029%
153	10.621	10.603	10.652	VV	350	6834	0.11%	0.033%
154	10.665	10.652	10.701	VV	255	5367	0.08%	0.026%
155	10.714	10.701	10.734	VV	327	4161	0.07%	0.020%
156	10.753	10.734	10.771	VV	251	3641	0.06%	0.017%
157	10.791	10.771	10.806	VV	300	4592	0.07%	0.022%
158	10.820	10.806	10.847	VV	292	6098	0.10%	0.029%
159	10.865	10.847	10.906	VV	333	9938	0.16%	0.047%
160	10.910	10.906	10.920	VV	387	2923	0.05%	0.014%
161	10.930	10.920	10.976	VV	454	9722	0.15%	0.046%
162	10.987	10.976	11.004	VV	316	4069	0.06%	0.019%
163	11.015	11.004	11.019	VV	257	1907	0.03%	0.009%
164	11.060	11.019	11.093	VV	744	17693	0.28%	0.084%
165	11.130	11.093	11.142	VV	250	5612	0.09%	0.027%
166	11.152	11.142	11.171	VV	269	3897	0.06%	0.019%
167	11.180	11.176	11.203	VV	285	3292	0.05%	0.016%
168	11.211	11.203	11.216	VV	257	1509	0.02%	0.007%
169	11.222	11.216	11.239	VV	252	2843	0.04%	0.014%
170	11.264	11.239	11.272	VV	310	4598	0.07%	0.022%
171	11.277	11.272	11.294	VV	251	3004	0.05%	0.014%
172	11.303	11.294	11.313	VV	330	3228	0.05%	0.015%
173	11.330	11.313	11.345	VV	378	5509	0.09%	0.026%
174	11.357	11.345	11.375	VV	444	5574	0.09%	0.027%
175	11.387	11.375	11.409	VV	246	3982	0.06%	0.019%
176	11.431	11.409	11.437	VV	268	3135	0.05%	0.015%
177	11.444	11.437	11.469	VV	233	3421	0.05%	0.016%
178	11.479	11.469	11.496	VV	172	2023	0.03%	0.010%
179	11.500	11.496	11.512	VV	146	1286	0.02%	0.006%
180	11.522	11.512	11.536	VV	166	1747	0.03%	0.008%
181	11.568	11.536	11.599	VV	1179	17967	0.28%	0.086%
182	11.637	11.599	11.677	VV	1657	24954	0.39%	0.119%
183	11.690	11.677	11.695	VV	216	1796	0.03%	0.009%
184	11.715	11.695	11.725	VV	328	4254	0.07%	0.020%
185	11.727	11.725	11.734	VV	276	1288	0.02%	0.006%
186	11.737	11.734	11.751	VV	203	1561	0.02%	0.007%
187	11.798	11.774	11.819	VV	308	4245	0.07%	0.020%
188	11.826	11.819	11.851	VV	122	1513	0.02%	0.007%
189	11.879	11.871	11.906	VV	127	1483	0.02%	0.007%
190	11.958	11.906	12.085	VV	549280	6078180	95.37%	28.964%
191	12.104	12.085	12.136	VV	529	13984	0.22%	0.067%
192	12.140	12.136	12.184	VV	311	6555	0.10%	0.031%
193	12.198	12.184	12.226	VV	269	5007	0.08%	0.024%
194	12.240	12.226	12.247	VV	280	3212	0.05%	0.015%

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195	12.259	12.247	12.266	VV	329	3025	0.05%	0.014%
196	12.302	12.266	12.332	VV	579	14827	0.23%	0.071%
197	12.362	12.332	12.389	VV	6806	93461	1.47%	0.445%
198	12.401	12.389	12.486	VV	1161	26422	0.41%	0.126%
199	12.494	12.486	12.499	VV	216	1530	0.02%	0.007%
200	12.530	12.499	12.567	VV	487	12773	0.20%	0.061%
201	12.590	12.567	12.604	VV	348	6137	0.10%	0.029%
202	12.609	12.604	12.621	VV	285	2567	0.04%	0.012%
203	12.624	12.621	12.631	VV	272	1365	0.02%	0.007%
204	12.641	12.631	12.647	VV	269	2302	0.04%	0.011%
205	12.665	12.647	12.695	VV	348	6592	0.10%	0.031%
206	12.731	12.695	12.749	VV	315	7249	0.11%	0.035%
207	12.763	12.749	12.768	VV	249	2463	0.04%	0.012%
208	12.811	12.768	12.835	VV	1231	20563	0.32%	0.098%
209	12.888	12.853	12.923	VV	1506	25521	0.40%	0.122%
210	12.950	12.923	12.973	VV	1847	24938	0.39%	0.119%
211	12.977	12.973	12.982	VV	288	1308	0.02%	0.006%
212	13.018	12.982	13.053	VV	854	19313	0.30%	0.092%
213	13.071	13.053	13.114	VV	307	6063	0.10%	0.029%
214	13.122	13.114	13.135	VV	174	1203	0.02%	0.006%
215	13.140	13.135	13.170	VV	136	1420	0.02%	0.007%
216	13.228	13.184	13.244	VV	312	6526	0.10%	0.031%
217	13.250	13.244	13.259	VV	194	1557	0.02%	0.007%
218	13.263	13.259	13.274	VV	230	1669	0.03%	0.008%
219	13.277	13.274	13.294	VV	153	1194	0.02%	0.006%
220	13.351	13.294	13.356	VV	303	6399	0.10%	0.030%
221	13.397	13.356	13.547	VV	122621	1600420	25.11%	7.627%
222	13.560	13.547	13.592	VV	676	13342	0.21%	0.064%
223	13.620	13.592	13.673	VV	8459	130283	2.04%	0.621%
224	13.679	13.673	13.691	VV	480	4616	0.07%	0.022%
225	13.695	13.691	13.725	VV	408	6594	0.10%	0.031%
226	13.730	13.725	13.733	VV	324	1422	0.02%	0.007%
227	13.737	13.733	13.787	VV	361	9968	0.16%	0.048%
228	13.799	13.787	13.808	VV	291	3179	0.05%	0.015%
229	13.845	13.808	13.888	VV	442	15164	0.24%	0.072%
230	13.969	13.888	13.996	VV	260	13192	0.21%	0.063%
231	14.019	13.996	14.042	VV	371	6844	0.11%	0.033%
232	14.101	14.042	14.131	VV	1139	23313	0.37%	0.111%
233	14.152	14.131	14.256	VV	1371	27121	0.43%	0.129%
234	14.275	14.256	14.292	VV	139	2341	0.04%	0.011%
235	14.297	14.292	14.317	VV	145	1115	0.02%	0.005%
236	14.334	14.317	14.351	VV	147	1470	0.02%	0.007%
237	14.390	14.351	14.437	VV	200	6005	0.09%	0.029%
238	14.447	14.437	14.474	VV	184	2379	0.04%	0.011%
239	14.497	14.474	14.519	VV	134	2740	0.04%	0.013%
240	14.546	14.519	14.567	VV	228	3628	0.06%	0.017%
241	14.594	14.567	14.660	VV	815	19467	0.31%	0.093%
242	14.679	14.660	14.697	VV	228	3736	0.06%	0.018%
243	14.716	14.697	14.746	VV	308	5751	0.09%	0.027%
244	14.779	14.746	14.806	VV	613	13087	0.21%	0.062%
245	14.811	14.806	14.839	VV	345	6290	0.10%	0.030%
246	14.874	14.839	14.909	VV	414	13568	0.21%	0.065%

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247	14.924	14.909	14.956	VV	267	5368	0.08%	0.026%
248	14.969	14.956	14.997	VV	181	3552	0.06%	0.017%
249	15.033	14.997	15.042	VV	224	4556	0.07%	0.022%
250	15.059	15.042	15.087	VV	218	5166	0.08%	0.025%
251	15.099	15.087	15.133	VV	226	3292	0.05%	0.016%
252	15.159	15.145	15.177	VV	78	1101	0.02%	0.005%
253	15.215	15.177	15.237	VV	817	14027	0.22%	0.067%
254	15.258	15.237	15.301	VV	1050	20092	0.32%	0.096%
255	15.310	15.301	15.318	VV	232	1808	0.03%	0.009%
256	15.328	15.318	15.365	VV	255	3821	0.06%	0.018%
257	15.371	15.365	15.397	VV	92	1645	0.03%	0.008%
258	15.433	15.397	15.483	PV	345	8394	0.13%	0.040%
259	15.500	15.483	15.527	VV	155	2400	0.04%	0.011%
260	15.564	15.527	15.606	VV	303	6759	0.11%	0.032%
261	15.610	15.606	15.626	VV	195	1107	0.02%	0.005%
262	15.645	15.626	15.661	VV	155	2202	0.03%	0.010%
263	15.682	15.661	15.716	VV	195	4578	0.07%	0.022%
264	15.728	15.716	15.764	VV	223	3949	0.06%	0.019%
265	15.800	15.764	15.832	VV	5893	80413	1.26%	0.383%
266	15.843	15.832	15.892	VV	580	10536	0.17%	0.050%
267	15.900	15.892	15.927	VV	112	2357	0.04%	0.011%
268	15.937	15.927	15.971	VV	199	2085	0.03%	0.010%
269	15.987	15.971	16.054	VV	193	4201	0.07%	0.020%
270	16.084	16.071	16.099	VV	177	2175	0.03%	0.010%
271	16.104	16.099	16.128	VV	176	1844	0.03%	0.009%
272	16.149	16.128	16.172	VV	155	2582	0.04%	0.012%
273	16.180	16.172	16.207	VV	99	1378	0.02%	0.007%
274	16.245	16.222	16.265	VV	469	7642	0.12%	0.036%
275	16.286	16.265	16.326	VV	741	13503	0.21%	0.064%
276	16.344	16.326	16.401	VV	224	5596	0.09%	0.027%
277	16.429	16.401	16.450	PV	168	3489	0.05%	0.017%
278	16.467	16.450	16.528	VV	190	5080	0.08%	0.024%
279	16.563	16.547	16.582	VV	127	1835	0.03%	0.009%
280	16.613	16.582	16.641	VV	142	3107	0.05%	0.015%
281	16.669	16.641	16.716	VV	164	3614	0.06%	0.017%
282	16.771	16.734	16.806	PV	293	5794	0.09%	0.028%
283	16.851	16.806	16.896	VV	911	18164	0.29%	0.087%
284	16.933	16.896	16.979	VV	262	8203	0.13%	0.039%
285	16.996	16.979	17.017	VV	186	3383	0.05%	0.016%
286	17.032	17.017	17.050	VV	201	2470	0.04%	0.012%
287	17.056	17.050	17.071	VV	171	1310	0.02%	0.006%
288	17.130	17.071	17.152	VV	273	6558	0.10%	0.031%
289	17.159	17.152	17.177	VV	168	2311	0.04%	0.011%
290	17.237	17.177	17.262	VV	764	23254	0.36%	0.111%
291	17.288	17.262	17.369	VV	1445	27800	0.44%	0.132%
292	17.430	17.369	17.457	PV	166	3842	0.06%	0.018%
293	17.573	17.480	17.619	PV	328	8341	0.13%	0.040%
294	17.691	17.619	17.739	VV	520	9663	0.15%	0.046%
295	17.796	17.739	17.821	VV	220	4327	0.07%	0.021%
296	17.834	17.821	17.851	VV	122	1154	0.02%	0.005%
297	17.866	17.851	17.909	PV	160	3608	0.06%	0.017%
298	17.926	17.909	17.942	VV	174	2477	0.04%	0.012%
299	17.953	17.942	17.976	VV	195	1762	0.03%	0.008%

					rteres				
300	17.999	17.989	18.023	VV	109	1042	0.02%	0.005%	
301	18.129	18.023	18.162	PV	983	22169	0.35%	0.106%	
302	18.218	18.162	18.257	VV	296	8483	0.13%	0.040%	
303	18.275	18.257	18.287	VV	161	2214	0.03%	0.011%	
304	18.311	18.287	18.331	VV	125	2528	0.04%	0.012%	
305	18.410	18.331	18.434	PV	234	5498	0.09%	0.026%	
306	18.454	18.434	18.470	VV	138	2558	0.04%	0.012%	
307	18.556	18.470	18.608	PV	735	19080	0.30%	0.091%	
308	18.666	18.608	18.678	VV	188	5449	0.09%	0.026%	
309	18.717	18.678	18.726	VV	92	2166	0.03%	0.010%	
310	18.783	18.726	18.791	PV	189	3500	0.05%	0.017%	
311	18.826	18.791	18.851	VBA	125	3899	0.06%	0.019%	
				Sum of corrected areas:		20984968			

Aromatic EPH 102925.M Fri Nov 14 05:41:27 2025

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	EPH
Prep Method :	Final Vol: 2000 uL Prep Date : 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	FG016910.D	11/13/25 13:37	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	FG016910.D	11/13/25 13:37	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	FG016910.D	11/13/25 13:37	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FG016910.D	11/13/25 13:37	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	98.7		1	23.8	60.0	ug/l	FG016910.D	11/13/25 13:37	PB170496
Aromatic C10-C12	Aromatic C10-C12	4.33	J	1	2.07	20.0	ug/l	FF016662.D	11/12/25 17:54	PB170496
Aromatic C12-C16	Aromatic C12-C16	6.88	J	1	4.26	30.0	ug/l	FF016662.D	11/12/25 17:54	PB170496
Aromatic C16-C21	Aromatic C16-C21	130		1	8.27	50.0	ug/l	FF016662.D	11/12/25 17:54	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FF016662.D	11/12/25 17:54	PB170496
Total AliphaticEPH	Total AliphaticEPH	98.7	J		66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	141	J		38.4	180	ug/l			
Total EPH	Total EPH	240	J		105	360	ug/l			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date	11/12/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	98.7		1	23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	38.2			40 - 140	76%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3584-03	Acq On:	13 Nov 2025 13:37
Client Sample ID:	SW-3	Operator:	YP\AJ
Data file:	FG016910.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.903	297931	2.442	300	ug/ml
Aliphatic C12-C16	6.904	10.362	350768	2.855	200	ug/ml
Aliphatic C16-C21	10.363	13.751	441895	3.338	300	ug/ml
Aliphatic C21-C28	13.752	17.437	580752	4.177	400	ug/ml
Aliphatic C28-C40	17.438	22.462	5613610	49.331	600	ug/ml
Aliphatic EPH	3.260	22.462	7284956	62.143		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.485	13.485	4605298	38.24		ug/ml
Aliphatic C9-C28	3.260	17.437	1671346	12.812	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016910.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 13:37
Operator : YP\AJ
Sample : Q3584-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-3

Integration File: sample.E
Quant Time: Nov 14 04:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.485	4605298	38.239 ug/ml
Spiked Amount 50.000		Recovery =	76.48%

Target Compounds

(f)=RT Delta > 1/2 Window

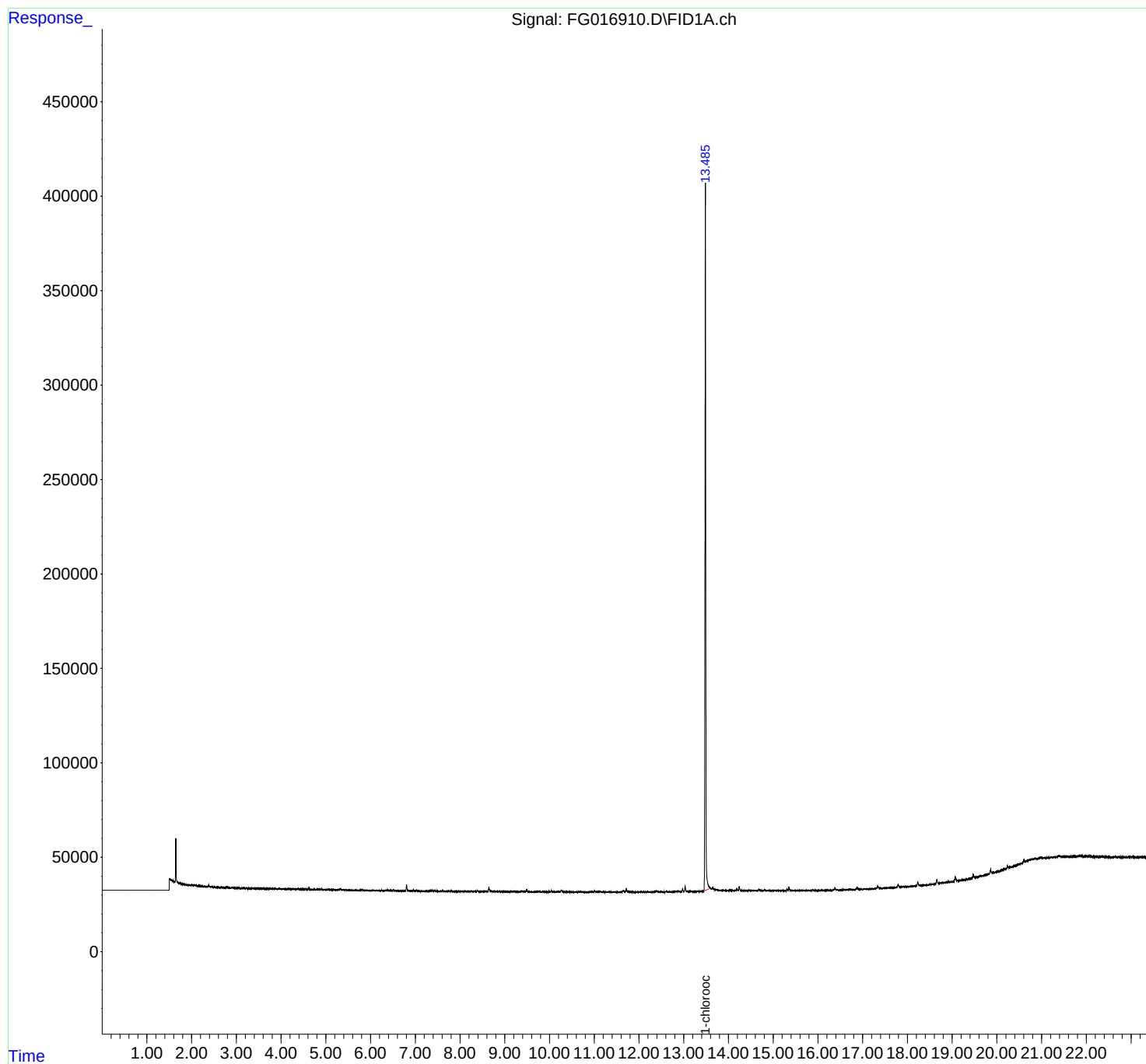
(m)=manual int.

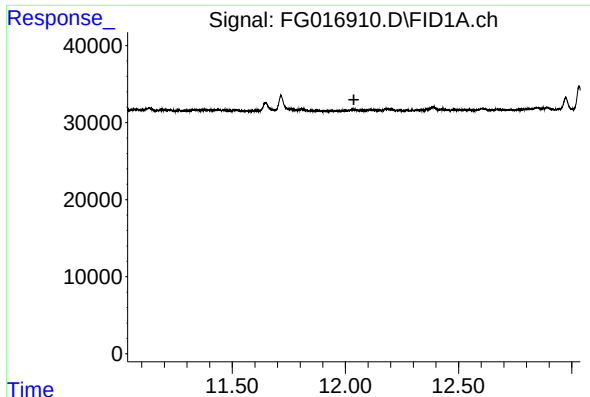
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016910.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 13:37
Operator : YP\AJ
Sample : Q3584-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-3

Integration File: sample.E
Quant Time: Nov 14 04:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

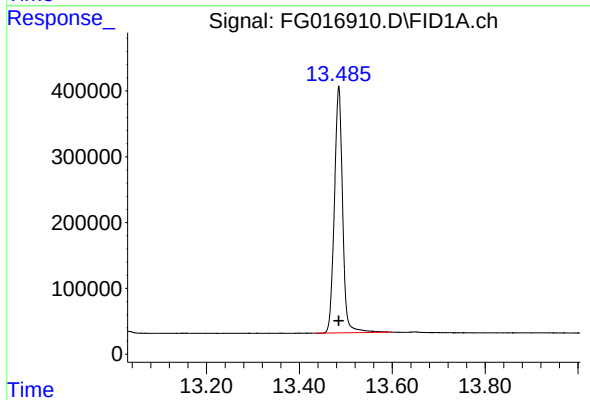




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SW-3



#12 1-chlorooctadecane (SURR)

R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 4605298
Conc: 38.24 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016910.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 13:37
Sample : Q3584-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.249	3.222	3.274	BV	62	290	0.01%	0.002%
2	3.282	3.274	3.328	PV	85	860	0.02%	0.007%
3	3.365	3.328	3.420	PV	158	4030	0.09%	0.034%
4	3.428	3.420	3.449	VV	80	579	0.01%	0.005%
5	3.458	3.449	3.466	VV	58	348	0.01%	0.003%
6	3.479	3.466	3.489	VV	91	837	0.02%	0.007%
7	3.495	3.489	3.522	VV	75	1138	0.02%	0.009%
8	3.554	3.522	3.643	VV	107	3987	0.08%	0.033%
9	3.684	3.643	3.737	VV	161	3922	0.08%	0.033%
10	3.749	3.737	3.768	VV	100	1357	0.03%	0.011%
11	3.774	3.768	3.787	VV	62	749	0.02%	0.006%
12	3.804	3.787	3.845	VV	108	2326	0.05%	0.019%
13	3.853	3.845	3.931	VV	107	3636	0.08%	0.030%
14	3.955	3.931	3.965	VV	157	2055	0.04%	0.017%
15	3.971	3.965	4.028	VV	151	3104	0.07%	0.026%
16	4.052	4.028	4.067	VV	166	2231	0.05%	0.019%
17	4.084	4.067	4.115	VV	154	2245	0.05%	0.019%
18	4.126	4.115	4.143	PV	81	733	0.02%	0.006%
19	4.160	4.143	4.178	VV	243	2816	0.06%	0.023%
20	4.194	4.178	4.236	VV	293	4823	0.10%	0.040%
21	4.275	4.236	4.331	VV	188	5734	0.12%	0.048%
22	4.358	4.331	4.458	VV	251	10382	0.22%	0.086%
23	4.481	4.458	4.515	VV	156	3839	0.08%	0.032%
24	4.534	4.515	4.572	VV	413	6358	0.13%	0.053%
25	4.624	4.572	4.649	VV	853	12397	0.26%	0.103%
26	4.659	4.649	4.688	VV	174	3279	0.07%	0.027%
27	4.701	4.688	4.712	VV	131	1468	0.03%	0.012%
28	4.735	4.712	4.765	VV	343	6027	0.13%	0.050%
29	4.810	4.765	4.855	VV	332	9604	0.20%	0.080%
30	4.875	4.855	4.895	VV	273	4346	0.09%	0.036%
31	4.909	4.895	4.961	VV	498	8544	0.18%	0.071%
32	4.973	4.961	5.024	VV	198	5632	0.12%	0.047%
33	5.043	5.024	5.075	VV	244	5471	0.12%	0.046%
34	5.082	5.075	5.156	VV	188	5995	0.13%	0.050%
35	5.203	5.156	5.220	VV	106	2587	0.05%	0.022%
36	5.236	5.220	5.276	VV	130	3209	0.07%	0.027%

					rteres			
37	5.329	5.276	5.362	VV	1011	15683	0.33%	0.130%
38	5.388	5.362	5.420	VV	299	6094	0.13%	0.051%
39	5.446	5.420	5.482	VV	184	3308	0.07%	0.028%
40	5.532	5.482	5.559	PV	159	3158	0.07%	0.026%
41	5.574	5.559	5.632	VV	104	2719	0.06%	0.023%
42	5.643	5.632	5.654	VV	78	983	0.02%	0.008%
43	5.662	5.654	5.704	VV	178	1600	0.03%	0.013%
44	5.725	5.704	5.748	VV	99	1553	0.03%	0.013%
45	5.768	5.748	5.791	VV	305	3835	0.08%	0.032%
46	5.811	5.791	5.852	VV	375	5199	0.11%	0.043%
47	5.871	5.852	5.905	VV	108	2154	0.05%	0.018%
48	5.914	5.905	5.926	VV	72	801	0.02%	0.007%
49	5.961	5.926	5.986	VV	189	3325	0.07%	0.028%
50	5.995	5.986	6.008	VV	80	802	0.02%	0.007%
51	6.031	6.008	6.052	VV	113	2339	0.05%	0.019%
52	6.072	6.052	6.107	VV	181	3894	0.08%	0.032%
53	6.139	6.107	6.179	VV	250	5227	0.11%	0.043%
54	6.197	6.179	6.231	PV	112	2078	0.04%	0.017%
55	6.249	6.231	6.281	VV	225	3030	0.06%	0.025%
56	6.300	6.281	6.324	VV	172	2572	0.05%	0.021%
57	6.362	6.324	6.385	VV	445	7147	0.15%	0.059%
58	6.402	6.385	6.427	VV	360	5589	0.12%	0.047%
59	6.447	6.427	6.492	VV	576	9322	0.20%	0.078%
60	6.511	6.492	6.542	VV	696	8559	0.18%	0.071%
61	6.590	6.542	6.622	VV	175	4778	0.10%	0.040%
62	6.635	6.622	6.653	VV	113	1325	0.03%	0.011%
63	6.686	6.653	6.723	PV	123	2803	0.06%	0.023%
64	6.738	6.723	6.758	VV	149	1463	0.03%	0.012%
65	6.769	6.758	6.778	VV	96	750	0.02%	0.006%
66	6.804	6.778	6.870	VV	3419	44911	0.95%	0.374%
67	6.893	6.870	6.911	VV	255	4282	0.09%	0.036%
68	6.927	6.911	6.940	VV	264	2991	0.06%	0.025%
69	6.958	6.940	6.988	VV	484	7840	0.17%	0.065%
70	6.993	6.988	7.015	VV	189	2110	0.04%	0.018%
71	7.033	7.015	7.074	VV	392	5688	0.12%	0.047%
72	7.090	7.074	7.118	VV	171	2484	0.05%	0.021%
73	7.151	7.118	7.172	VV	179	2342	0.05%	0.019%
74	7.212	7.172	7.241	VV	127	3175	0.07%	0.026%
75	7.261	7.241	7.288	PV	234	3288	0.07%	0.027%
76	7.319	7.288	7.332	VV	382	5832	0.12%	0.049%
77	7.336	7.332	7.353	VV	366	3207	0.07%	0.027%
78	7.381	7.353	7.406	VV	413	7743	0.16%	0.064%
79	7.443	7.406	7.466	VV	457	9552	0.20%	0.079%
80	7.485	7.466	7.508	VV	322	4073	0.09%	0.034%
81	7.532	7.508	7.545	VV	100	1691	0.04%	0.014%
82	7.558	7.545	7.570	VV	123	1289	0.03%	0.011%
83	7.611	7.570	7.637	VV	771	10470	0.22%	0.087%
84	7.685	7.637	7.708	VV	148	4498	0.10%	0.037%
85	7.717	7.708	7.735	VV	151	2099	0.04%	0.017%
86	7.756	7.735	7.804	VV	288	7316	0.15%	0.061%
87	7.820	7.804	7.834	VV	152	2185	0.05%	0.018%
88	7.850	7.834	7.869	VV	177	2422	0.05%	0.020%
89	7.878	7.869	7.902	VV	89	1253	0.03%	0.010%

					rteres			
90	7.907	7.902	7.922	VV	127	783	0.02%	0.007%
91	7.932	7.922	7.951	VV	47	558	0.01%	0.005%
92	7.980	7.951	7.989	PV	109	1421	0.03%	0.012%
93	8.022	7.989	8.065	VV	291	5358	0.11%	0.045%
94	8.076	8.065	8.085	VV	101	607	0.01%	0.005%
95	8.098	8.085	8.108	VV	116	1528	0.03%	0.013%
96	8.123	8.108	8.153	VV	142	2261	0.05%	0.019%
97	8.191	8.153	8.276	VV	135	5396	0.11%	0.045%
98	8.292	8.276	8.318	VV	90	1142	0.02%	0.009%
99	8.338	8.318	8.365	PV	201	3105	0.07%	0.026%
100	8.391	8.365	8.418	VV	889	10596	0.22%	0.088%
101	8.428	8.418	8.479	VV	139	2566	0.05%	0.021%
102	8.489	8.479	8.521	VV	89	1559	0.03%	0.013%
103	8.552	8.521	8.605	VV	436	9227	0.19%	0.077%
104	8.645	8.605	8.728	VV	2423	42822	0.90%	0.356%
105	8.742	8.728	8.773	VV	314	6513	0.14%	0.054%
106	8.794	8.773	8.818	VV	212	4536	0.10%	0.038%
107	8.841	8.818	8.865	VV	189	3166	0.07%	0.026%
108	8.881	8.865	8.927	VV	214	3824	0.08%	0.032%
109	9.001	8.927	9.022	VV	149	4899	0.10%	0.041%
110	9.025	9.022	9.042	VV	150	1479	0.03%	0.012%
111	9.063	9.042	9.083	VV	126	2689	0.06%	0.022%
112	9.105	9.083	9.128	VV	181	3532	0.07%	0.029%
113	9.137	9.128	9.155	VV	181	2249	0.05%	0.019%
114	9.166	9.155	9.174	VV	195	1812	0.04%	0.015%
115	9.189	9.174	9.230	VV	302	6624	0.14%	0.055%
116	9.252	9.230	9.288	VV	143	2616	0.06%	0.022%
117	9.305	9.288	9.322	PV	118	1450	0.03%	0.012%
118	9.377	9.322	9.398	VV	662	11204	0.24%	0.093%
119	9.410	9.398	9.425	VV	252	3867	0.08%	0.032%
120	9.440	9.425	9.457	VV	257	4267	0.09%	0.036%
121	9.486	9.457	9.552	VV	823	19379	0.41%	0.161%
122	9.568	9.552	9.592	VV	193	2914	0.06%	0.024%
123	9.614	9.592	9.641	VV	192	2678	0.06%	0.022%
124	9.716	9.641	9.732	VV	292	6554	0.14%	0.055%
125	9.737	9.732	9.763	VV	237	3085	0.07%	0.026%
126	9.777	9.763	9.815	VV	300	5035	0.11%	0.042%
127	9.846	9.815	9.882	VV	387	6877	0.15%	0.057%
128	9.900	9.882	9.935	VV	175	3648	0.08%	0.030%
129	9.946	9.935	9.972	VV	92	1727	0.04%	0.014%
130	9.995	9.972	10.017	VV	240	3897	0.08%	0.032%
131	10.040	10.017	10.081	VV	695	10199	0.22%	0.085%
132	10.099	10.081	10.114	VV	139	1648	0.03%	0.014%
133	10.126	10.114	10.162	VV	110	1617	0.03%	0.013%
134	10.185	10.162	10.239	VV	419	8746	0.18%	0.073%
135	10.265	10.239	10.347	VV	1073	23132	0.49%	0.192%
136	10.362	10.347	10.378	VV	161	2428	0.05%	0.020%
137	10.384	10.378	10.508	VV	109	4384	0.09%	0.036%
138	10.514	10.508	10.564	VV	44	960	0.02%	0.008%
139	10.579	10.564	10.605	PV	114	1826	0.04%	0.015%
140	10.611	10.605	10.626	VV	96	1208	0.03%	0.010%
141	10.655	10.626	10.673	VV	322	4726	0.10%	0.039%

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142	10.691	10.673	10.721	VV	235	4150	0.09%	0.035%
143	10.748	10.721	10.772	VV	143	2852	0.06%	0.024%
144	10.823	10.772	10.839	PV	73	1523	0.03%	0.013%
145	10.864	10.839	10.881	VV	136	1378	0.03%	0.011%
146	10.893	10.881	10.915	VV	98	1682	0.04%	0.014%
147	10.939	10.915	10.950	VV	187	2995	0.06%	0.025%
148	11.008	10.950	11.046	VV	554	14328	0.30%	0.119%
149	11.067	11.046	11.099	VV	196	5203	0.11%	0.043%
150	11.133	11.099	11.162	VV	383	8167	0.17%	0.068%
151	11.201	11.162	11.212	VV	178	3672	0.08%	0.031%
152	11.224	11.212	11.246	VV	152	1690	0.04%	0.014%
153	11.265	11.246	11.278	VV	114	1176	0.02%	0.010%
154	11.326	11.278	11.367	VV	152	5204	0.11%	0.043%
155	11.379	11.367	11.428	VV	165	4617	0.10%	0.038%
156	11.436	11.428	11.452	VV	182	1980	0.04%	0.016%
157	11.464	11.452	11.497	VV	133	2359	0.05%	0.020%
158	11.514	11.497	11.554	VV	168	2524	0.05%	0.021%
159	11.565	11.554	11.576	VV	41	333	0.01%	0.003%
160	11.581	11.576	11.592	VV	41	216	0.00%	0.002%
161	11.603	11.592	11.618	VV	79	630	0.01%	0.005%
162	11.647	11.618	11.688	VV	1128	19106	0.40%	0.159%
163	11.715	11.688	11.791	VV	2040	35993	0.76%	0.299%
164	11.806	11.791	11.836	VV	282	4782	0.10%	0.040%
165	11.874	11.836	11.910	VV	125	2609	0.06%	0.022%
166	12.037	11.910	12.072	PV	201	7212	0.15%	0.060%
167	12.081	12.072	12.091	VV	101	953	0.02%	0.008%
168	12.109	12.091	12.145	VV	193	3637	0.08%	0.030%
169	12.152	12.145	12.159	VV	118	803	0.02%	0.007%
170	12.202	12.159	12.254	VV	289	8203	0.17%	0.068%
171	12.271	12.254	12.283	VV	79	963	0.02%	0.008%
172	12.315	12.283	12.325	VV	88	1714	0.04%	0.014%
173	12.387	12.325	12.410	VV	564	12126	0.26%	0.101%
174	12.427	12.410	12.464	VV	208	4412	0.09%	0.037%
175	12.481	12.464	12.494	VV	146	1789	0.04%	0.015%
176	12.527	12.494	12.537	VV	144	2629	0.06%	0.022%
177	12.547	12.537	12.570	VV	150	1402	0.03%	0.012%
178	12.606	12.570	12.639	PV	277	5559	0.12%	0.046%
179	12.673	12.639	12.717	VV	172	4205	0.09%	0.035%
180	12.729	12.717	12.747	VV	74	807	0.02%	0.007%
181	12.771	12.747	12.785	VV	116	1883	0.04%	0.016%
182	12.805	12.785	12.825	VV	235	3460	0.07%	0.029%
183	12.847	12.825	12.868	VV	318	6330	0.13%	0.053%
184	12.890	12.868	12.924	VV	379	6538	0.14%	0.054%
185	12.973	12.924	13.003	VV	1632	23833	0.50%	0.198%
186	13.032	13.003	13.118	VV	3093	47538	1.00%	0.396%
187	13.154	13.118	13.170	VV	250	5575	0.12%	0.046%
188	13.177	13.170	13.199	VV	153	2052	0.04%	0.017%
189	13.208	13.199	13.245	VV	71	1297	0.03%	0.011%
190	13.310	13.245	13.343	VV	209	7449	0.16%	0.062%
191	13.361	13.343	13.378	VV	199	2800	0.06%	0.023%
192	13.432	13.378	13.444	VV	251	7367	0.16%	0.061%
193	13.485	13.444	13.628	VV	374813	4732711	100.00%	39.380%
194	13.648	13.628	13.683	VV	2155	51373	1.09%	0.427%

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195	13.692	13.683	13.838	VV	1143	75713	1.60%	0.630%
196	13.854	13.838	13.862	VV	617	8503	0.18%	0.071%
197	13.882	13.862	13.900	VV	730	15592	0.33%	0.130%
198	13.913	13.900	14.015	VV	680	37536	0.79%	0.312%
199	14.029	14.015	14.058	VV	537	12485	0.26%	0.104%
200	14.087	14.058	14.142	VV	600	24767	0.52%	0.206%
201	14.150	14.142	14.155	VV	479	3947	0.08%	0.033%
202	14.188	14.155	14.215	VV	1406	28260	0.60%	0.235%
203	14.240	14.215	14.283	VV	2636	46861	0.99%	0.390%
204	14.299	14.283	14.368	VV	516	20420	0.43%	0.170%
205	14.389	14.368	14.418	VV	361	8151	0.17%	0.068%
206	14.472	14.418	14.522	VV	514	22900	0.48%	0.191%
207	14.537	14.522	14.595	VV	361	12781	0.27%	0.106%
208	14.630	14.595	14.643	VV	340	8160	0.17%	0.068%
209	14.685	14.643	14.776	VV	972	36028	0.76%	0.300%
210	14.809	14.776	14.848	VV	750	16983	0.36%	0.141%
211	14.872	14.848	14.885	VV	314	6131	0.13%	0.051%
212	14.893	14.885	14.918	VV	298	5393	0.11%	0.045%
213	14.929	14.918	14.992	VV	305	10451	0.22%	0.087%
214	15.013	14.992	15.048	VV	336	8196	0.17%	0.068%
215	15.064	15.048	15.115	VV	262	9187	0.19%	0.076%
216	15.128	15.115	15.144	VV	259	3585	0.08%	0.030%
217	15.161	15.144	15.178	VV	208	3687	0.08%	0.031%
218	15.202	15.178	15.226	VV	238	5535	0.12%	0.046%
219	15.239	15.226	15.280	VV	180	4688	0.10%	0.039%
220	15.309	15.280	15.329	VV	774	12187	0.26%	0.101%
221	15.352	15.329	15.510	VV	1510	38666	0.82%	0.322%
222	15.548	15.510	15.562	VV	208	4367	0.09%	0.036%
223	15.565	15.562	15.589	VV	204	1960	0.04%	0.016%
224	15.604	15.589	15.616	VV	172	1894	0.04%	0.016%
225	15.626	15.616	15.642	VV	99	1094	0.02%	0.009%
226	15.664	15.642	15.675	VV	106	1336	0.03%	0.011%
227	15.697	15.675	15.729	PV	115	2246	0.05%	0.019%
228	15.739	15.729	15.757	VV	127	1362	0.03%	0.011%
229	15.770	15.757	15.822	VV	120	3590	0.08%	0.030%
230	15.830	15.822	15.852	VV	87	1064	0.02%	0.009%
231	15.877	15.852	16.005	VV	468	13880	0.29%	0.115%
232	16.020	16.005	16.035	VV	66	866	0.02%	0.007%
233	16.064	16.035	16.092	PV	164	2671	0.06%	0.022%
234	16.111	16.092	16.131	VV	95	1369	0.03%	0.011%
235	16.236	16.131	16.287	VV	151	6723	0.14%	0.056%
236	16.344	16.287	16.359	PV	403	6750	0.14%	0.056%
237	16.381	16.359	16.465	VV	1260	24979	0.53%	0.208%
238	16.505	16.465	16.518	VV	75	1670	0.04%	0.014%
239	16.528	16.518	16.542	VV	72	670	0.01%	0.006%
240	16.560	16.542	16.605	PV	158	3776	0.08%	0.031%
241	16.614	16.605	16.651	VV	106	1831	0.04%	0.015%
242	16.693	16.651	16.789	PV	365	9991	0.21%	0.083%
243	16.868	16.789	16.943	VV	1056	21911	0.46%	0.182%
244	16.953	16.943	16.992	VV	138	2440	0.05%	0.020%
245	17.003	16.992	17.008	VV	55	505	0.01%	0.004%
246	17.032	17.008	17.077	VV	202	5849	0.12%	0.049%

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247	17.089	17.077	17.116	VV	160	2428	0.05%	0.020%
248	17.172	17.116	17.183	PV	278	4600	0.10%	0.038%
249	17.191	17.183	17.278	VV	236	6070	0.13%	0.051%
250	17.338	17.278	17.422	PV	1348	30930	0.65%	0.257%
251	17.431	17.422	17.460	VV	64	850	0.02%	0.007%
252	17.506	17.460	17.523	PV	91	1767	0.04%	0.015%
253	17.561	17.523	17.575	VV	81	1500	0.03%	0.012%
254	17.589	17.575	17.599	VV	120	801	0.02%	0.007%
255	17.717	17.599	17.728	VV	85	2626	0.06%	0.022%
256	17.792	17.728	17.865	PV	1550	29455	0.62%	0.245%
257	17.941	17.865	17.954	VV	117	5705	0.12%	0.047%
258	18.036	17.954	18.058	VV	124	3968	0.08%	0.033%
259	18.102	18.058	18.145	VV	121	3059	0.06%	0.025%
260	18.232	18.145	18.313	PV	2189	40919	0.86%	0.340%
261	18.380	18.313	18.405	PV	136	1705	0.04%	0.014%
262	18.512	18.405	18.535	PV	221	1258	0.03%	0.010%
263	18.658	18.535	18.698	PV	2188	38891	0.82%	0.324%
264	18.746	18.698	18.764	VV	193	5073	0.11%	0.042%
265	18.858	18.764	18.867	VV	74	3592	0.08%	0.030%
266	18.983	18.867	18.995	VV	84	5874	0.12%	0.049%
267	19.070	18.995	19.134	PV	2425	47289	1.00%	0.393%
268	19.226	19.134	19.236	PV	94	1845	0.04%	0.015%
269	19.333	19.236	19.341	PV	185	3500	0.07%	0.029%
270	19.349	19.341	19.355	VV	121	703	0.01%	0.006%
271	19.471	19.355	19.526	VV	2012	53677	1.13%	0.447%
272	19.641	19.526	19.660	VV	774	43740	0.92%	0.364%
273	19.861	19.660	19.905	VV	3039	174048	3.68%	1.448%
274	20.159	19.905	20.181	VV	2506	301796	6.38%	2.511%
275	20.239	20.181	20.274	VV	3635	161055	3.40%	1.340%
276	20.605	20.274	20.635	VV	5537	792849	16.75%	6.597%
277	20.883	20.635	20.901	VV	5327	825851	17.45%	6.872%
278	20.975	20.901	21.045	VV	5724	457506	9.67%	3.807%
279	21.051	21.045	21.067	VV	5020	65411	1.38%	0.544%
280	21.214	21.067	21.238	VV	4745	493338	10.42%	4.105%
281	21.278	21.238	21.288	VV	4625	138281	2.92%	1.151%
282	21.380	21.288	21.475	VV	4951	501127	10.59%	4.170%
283	21.489	21.475	21.504	VV	4061	70686	1.49%	0.588%
284	21.552	21.504	21.608	VV	3926	239383	5.06%	1.992%
285	21.675	21.608	21.685	VV	3521	162182	3.43%	1.349%
286	21.733	21.685	21.788	VV	3360	202822	4.29%	1.688%
287	21.795	21.788	21.805	VV	3134	30689	0.65%	0.255%
288	21.844	21.805	21.898	VV	3215	169039	3.57%	1.407%
289	21.908	21.898	21.930	VV	2786	51934	1.10%	0.432%
290	21.939	21.930	21.982	VV	2686	78693	1.66%	0.655%
291	21.991	21.982	22.024	VV	2400	58651	1.24%	0.488%
292	22.045	22.024	22.054	VV	2184	38354	0.81%	0.319%
293	22.068	22.054	22.142	VV	2088	99302	2.10%	0.826%
294	22.148	22.142	22.162	VV	1650	18788	0.40%	0.156%
295	22.168	22.162	22.222	VV	1545	49994	1.06%	0.416%
296	22.272	22.222	22.329	VV	1141	68368	1.44%	0.569%
297	22.363	22.329	22.418	VV	901	39300	0.83%	0.327%
298	22.426	22.418	22.502	VBA	411	27216	0.58%	0.226%
Sum of corrected areas:					12017954			

rteres

Aliphatic EPH 102925.M Fri Nov 14 05:05:22 2025



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FE103025AL

AreaCount

Parameter Range	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.D	
Aliphatic C9-C12	47378340.000	25372826.000	10134874.000	5323968.000	2735296.000	
Aliphatic C12-C16	32958436.000	17867364.000	7039199.000	3707774.000	1889371.000	
Aliphatic C16-C21	50634896.000	27807189.000	10962966.000	5844076.000	3012669.000	
Aliphatic C21-C28	65391355.000	36849784.000	14322959.000	8150425.000	4666116.000	
Aliphatic C28-C40	76863576.000	43549713.000	17723612.000	10141838.000	6197225.000	
Aliphatic EPH	273226603.000	151446876.000	60183610.000	33168081.000	18500677.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	171162.641333	5.459				
Aliphatic C12-C16	178754.319	5.236				
Aliphatic C16-C21	186505.4959998	6.59				
Aliphatic C21-C28	192766.144	13.927				
Aliphatic C28-C40	159314.647333	18.927				
Aliphatic EPH	175414.750555	11.628				

Concentration

Parameter Range	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.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	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.D	
Aliphatic C9-C12	157927.800000	169152.173333	168914.566666	177465.600000	182353.066666	
Aliphatic C12-C16	164792.180000	178673.640000	175979.975000	185388.700000	188937.100000	
Aliphatic C16-C21	168782.986666	185381.260000	182716.100000	194802.533333	200844.600000	

Initial Calibration Report for SequenceID : FE103025AL

Aliphatic C21-C28	163478.387500	184248.920000	179036.987500	203760.625000	233305.800000	
Aliphatic C28-C40	128105.960000	145165.710000	147696.766666	169030.633333	206574.166666	
Aliphatic EPH	151792.557222	168274.306666	167176.694444	184267.116666	205563.077777	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056575.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 10:20
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 30 12:03:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 11:59:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.992	19059851	96.235 ug/ml
Spiked Amount 50.000		Recovery =	192.47%
12) S 1-chlorooctadecane (S...	13.427	14749289	96.361 ug/ml
Spiked Amount 50.000		Recovery =	192.72%
Target Compounds			
1) T n-Nonane (C9)	3.337	15510371	96.767 ug/ml
2) T n-Decane (C10)	4.591	15797359	96.498 ug/ml
3) T A~Naphthalene (C11.7)	6.308	17418486	97.460 ug/ml
4) T n-Dodecane (C12)	6.765	16070610	96.653 ug/ml
5) T A~2-methylnaphthalene...	7.409	16955970	98.036 ug/ml
6) T n-Tetradecane (C14)	8.601	16108586	96.787 ug/ml
7) T n-Hexadecane (C16)	10.215	16849850	96.650 ug/ml
8) T n-Octadecane (C18)	11.666	17249418	96.237 ug/ml
10) T n-Eicosane (C20)	12.979	16787284	95.930 ug/ml
11) T n-Heneicosane (C21)	13.593	16598194	95.935 ug/ml
13) T n-Docosane (C22)	14.181	16594646	95.890 ug/ml
14) T n-Tetracosane (C24)	15.288	16611261	95.631 ug/ml
15) T n-Hexacosane (C26)	16.313	16325668	95.495 ug/ml
16) T n-Octacosane (C28)	17.266	15859780	94.791 ug/ml
17) T n-Tricontane (C30)	18.155	15787066	93.066 ug/ml
18) T n-Dotriacontane (C32)	18.990	14882432	91.297 ug/ml
19) T n-Tetratriacontane (C34)	19.776	13398021	91.103 ug/ml
20) T n-Hexatriacontane (C36)	20.516	11781393	92.518 ug/ml
21) T n-Octatriacontane (C38)	21.272	10906555	95.307 ug/ml
22) T n-Tetracontane (C40)	22.223	10108109	95.430 ug/ml

(f)=RT Delta > 1/2 Window

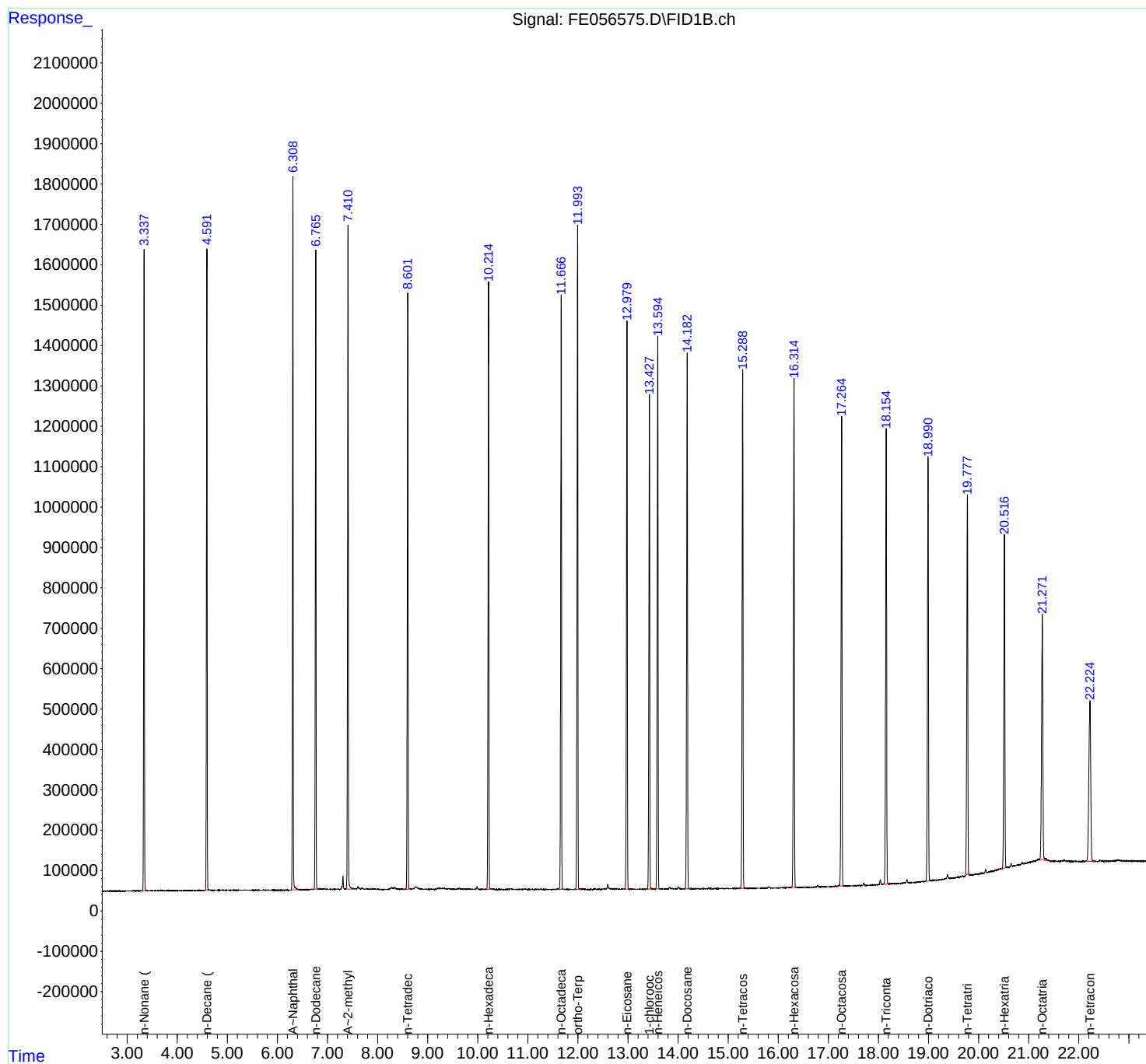
(m)=manual int.

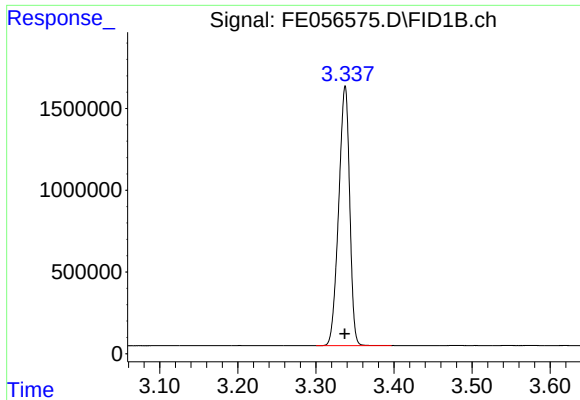
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056575.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 10:20
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 30 12:03:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 11:59:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

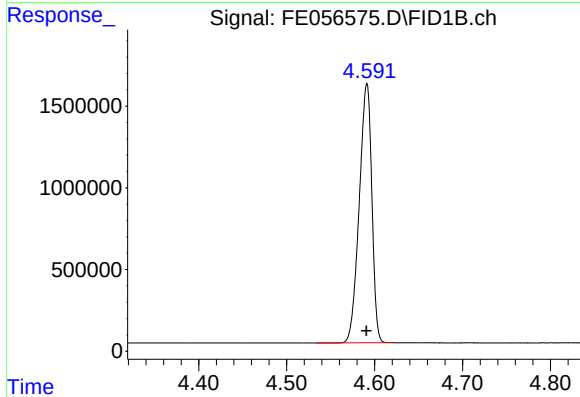




#1 n-Nonane (C9)

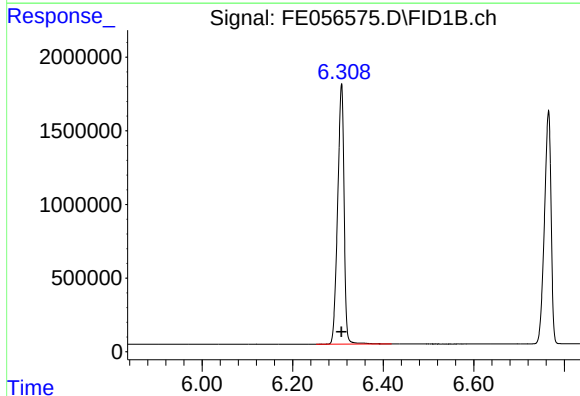
R.T.: 3.337 min
Delta R.T.: 0.000 min
Response: 15510371
Conc: 96.77 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



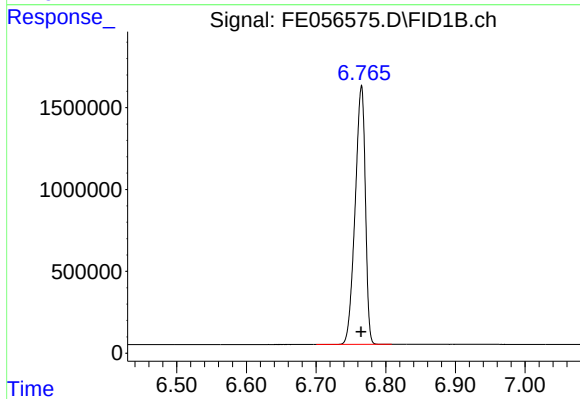
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 15797359
Conc: 96.50 ug/ml



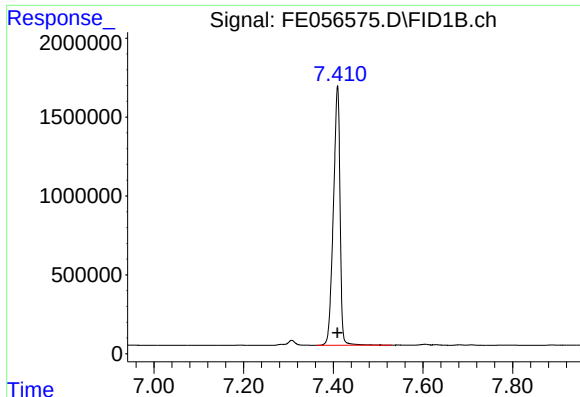
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 17418486
Conc: 97.46 ug/ml



#4 n-Dodecane (C12)

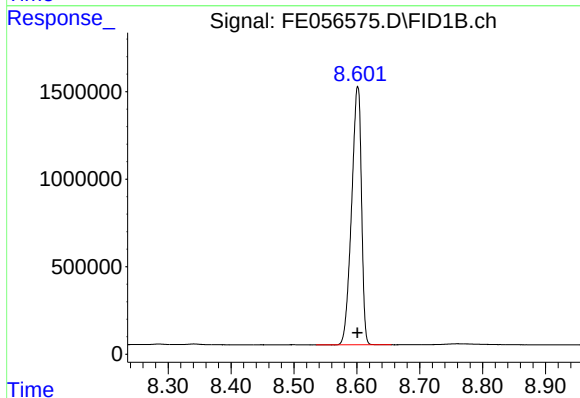
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 16070610
Conc: 96.65 ug/ml



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

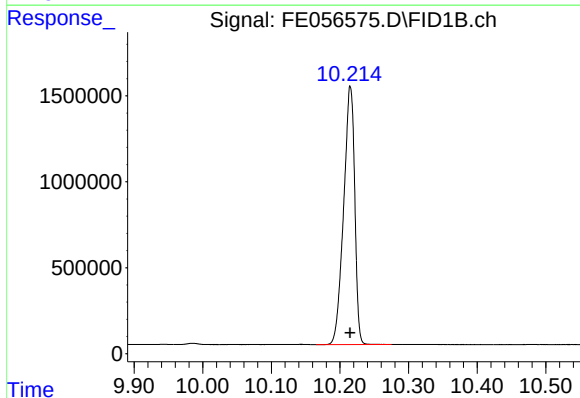
R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 16955970
Conc: 98.04 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



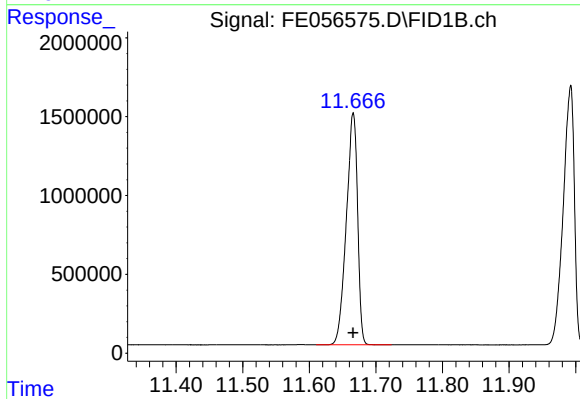
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 16108586
Conc: 96.79 ug/ml



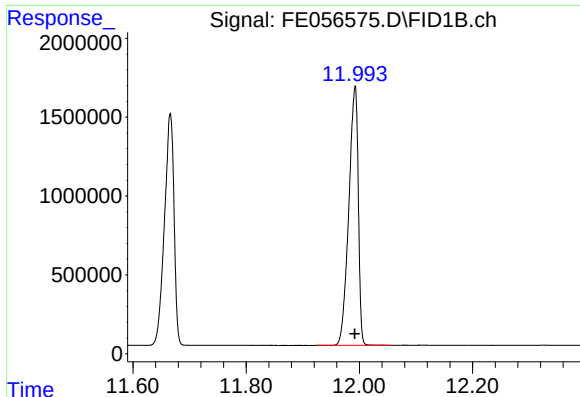
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 16849850
Conc: 96.65 ug/ml



#8 n-Octadecane (C18)

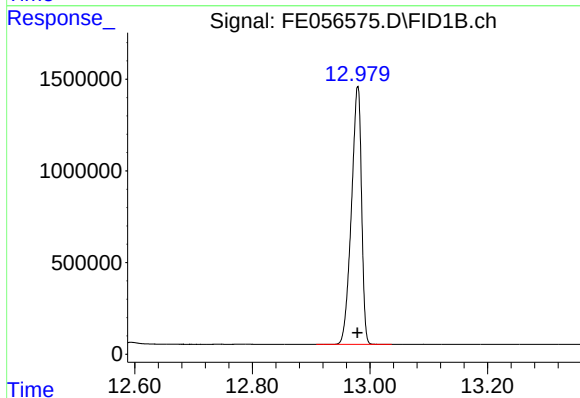
R.T.: 11.666 min
Delta R.T.: 0.000 min
Response: 17249418
Conc: 96.24 ug/ml



#9 ortho-Terphenyl (SURR)

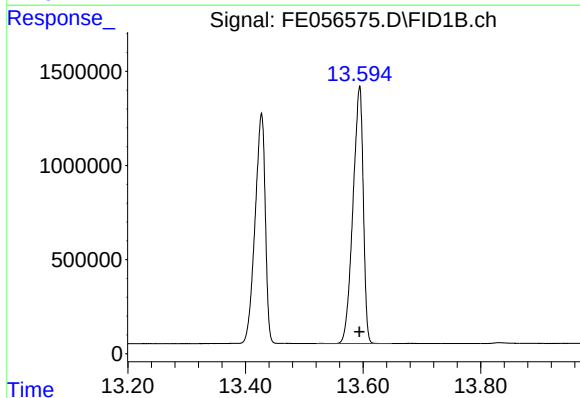
R.T.: 11.992 min
Delta R.T.: 0.000 min
Response: 19059851
Conc: 96.24 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



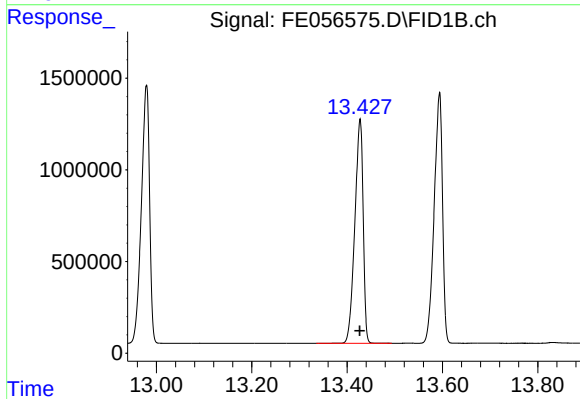
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: 0.000 min
Response: 16787284
Conc: 95.93 ug/ml



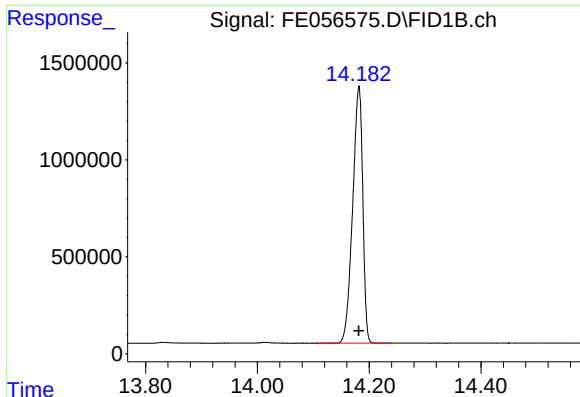
#11 n-Heneicosane (C21)

R.T.: 13.593 min
Delta R.T.: 0.000 min
Response: 16598194
Conc: 95.93 ug/ml



#12 1-chlorooctadecane (SURR)

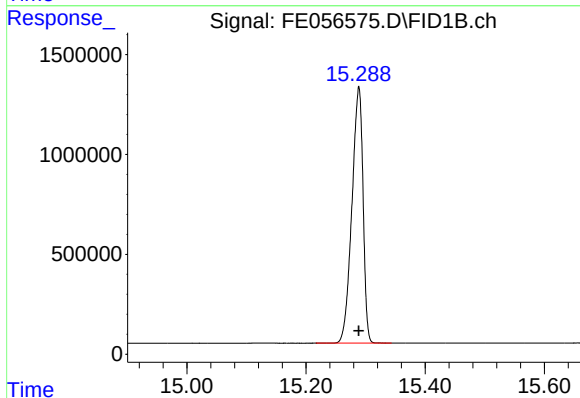
R.T.: 13.427 min
Delta R.T.: 0.000 min
Response: 14749289
Conc: 96.36 ug/ml



#13 n-Docosane (C22)

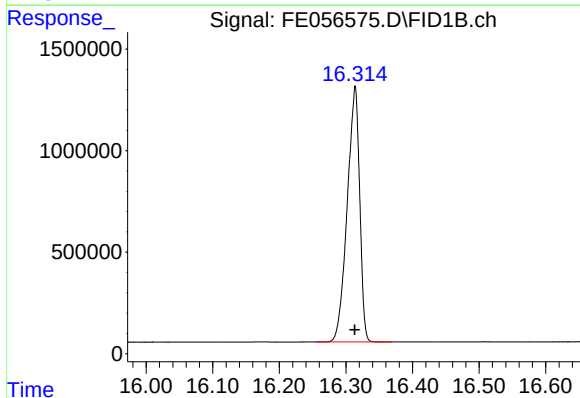
R.T.: 14.181 min
Delta R.T.: 0.000 min
Response: 16594646
Conc: 95.89 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



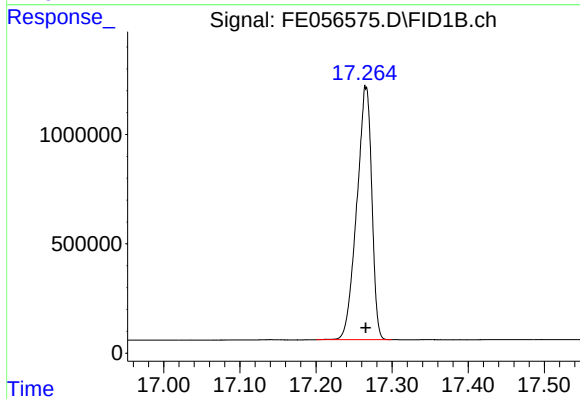
#14 n-Tetracosane (C24)

R.T.: 15.288 min
Delta R.T.: 0.000 min
Response: 16611261
Conc: 95.63 ug/ml



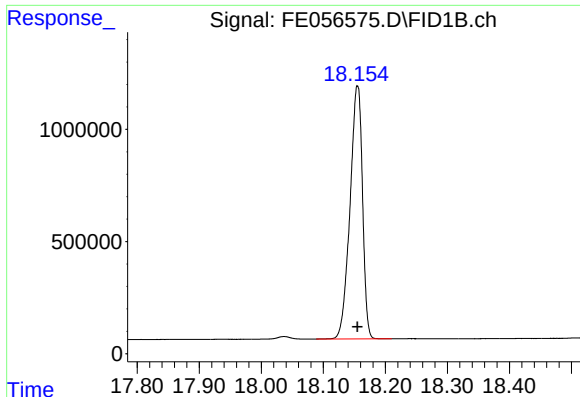
#15 n-Hexacosane (C26)

R.T.: 16.313 min
Delta R.T.: 0.000 min
Response: 16325668
Conc: 95.50 ug/ml



#16 n-Octacosane (C28)

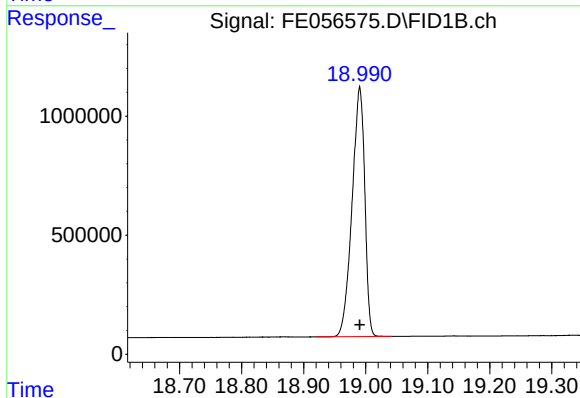
R.T.: 17.266 min
Delta R.T.: 0.000 min
Response: 15859780
Conc: 94.79 ug/ml



#17 n-Tricontane (C30)

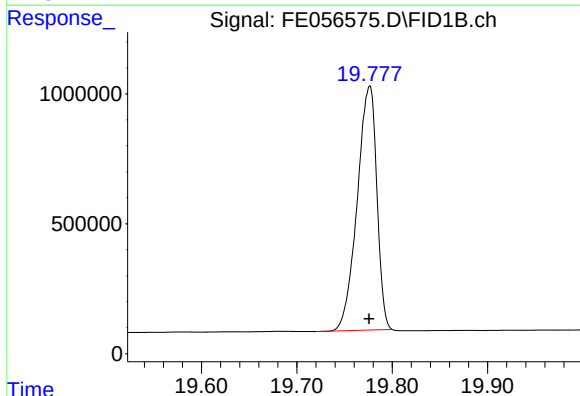
R.T.: 18.155 min
Delta R.T.: 0.000 min
Response: 15787066
Conc: 93.07 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



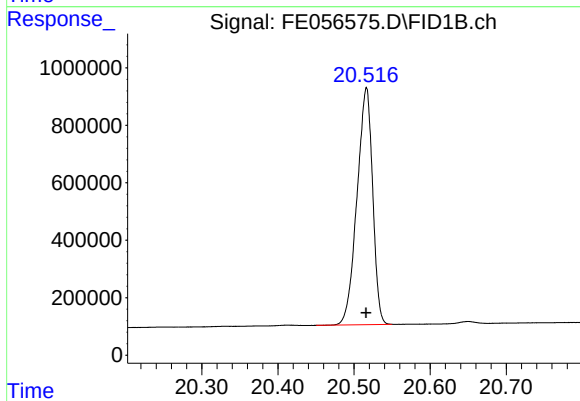
#18 n-Dotriacontane (C32)

R.T.: 18.990 min
Delta R.T.: 0.000 min
Response: 14882432
Conc: 91.30 ug/ml



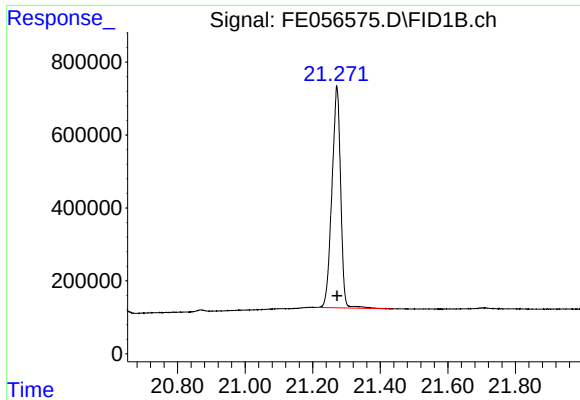
#19 n-Tetratriacontane (C34)

R.T.: 19.776 min
Delta R.T.: 0.000 min
Response: 13398021
Conc: 91.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.516 min
Delta R.T.: 0.000 min
Response: 11781393
Conc: 92.52 ug/ml



#21 n-Octatriacontane (C38)

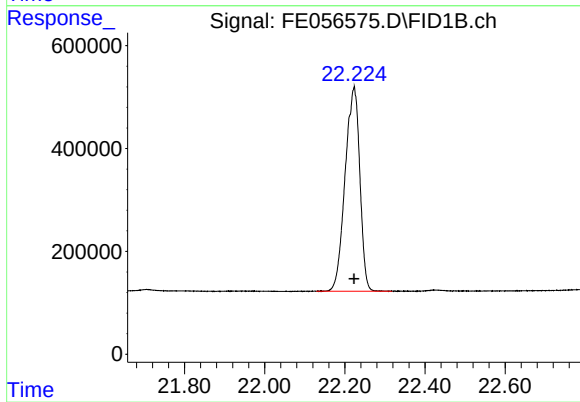
R.T.: 21.272 min
Delta R.T.: 0.000 min
Response: 10906555
Conc: 95.31 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.223 min
Delta R.T.: 0.000 min
Response: 10108109
Conc: 95.43 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056575.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 10:20
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.337	3.300	3.397	BB	1587559	15510371	81.38%	4.543%
2	4.591	4.534	4.619	BBA	1581962	15797359	82.88%	4.627%
3	6.308	6.252	6.419	BB	1757870	17418486	91.39%	5.102%
4	6.765	6.700	6.809	BB	1584765	16070610	84.32%	4.707%
5	7.409	7.362	7.530	PV	1636096	16955970	88.96%	4.966%
6	8.601	8.535	8.655	BB	1480313	16108586	84.52%	4.718%
7	10.215	10.165	10.275	BB	1502827	16849850	88.40%	4.935%
8	11.666	11.610	11.724	BB	1469692	17249418	90.50%	5.052%
9	11.992	11.924	12.057	BB	1639468	19059851	100.00%	5.583%
10	12.979	12.909	13.037	BB	1409836	16787284	88.08%	4.917%
11	13.427	13.335	13.494	BB	1223044	14749289	77.38%	4.320%
12	13.593	13.520	13.649	BB	1361908	16598194	87.08%	4.862%
13	14.181	14.105	14.240	BB	1330972	16594646	87.07%	4.861%
14	15.288	15.217	15.344	BB	1288586	16611261	87.15%	4.865%
15	16.313	16.255	16.369	BB	1263736	16325668	85.65%	4.782%
16	17.266	17.200	17.299	BBA	1155432	15859780	83.21%	4.645%
17	18.155	18.089	18.210	BB	1127298	15787066	82.83%	4.624%
18	18.990	18.920	19.042	BB	1047781	14882432	78.08%	4.359%
19	19.776	19.720	19.799	BBA	935373	13398021	70.29%	3.924%
20	20.516	20.450	20.549	BBA	822409	11781393	61.81%	3.451%
21	21.272	21.210	21.434	BB	606103	10906555	57.22%	3.195%
22	22.223	22.129	22.317	BB	398455	10108109	53.03%	2.961%
Sum of corrected areas:						341410195		

Aliphatic EPH 103025.M Thu Oct 30 12:55:02 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056576.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 10:50
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 30 12:05:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 11:59:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.985	10390390	51.615 ug/ml
Spiked Amount 50.000		Recovery =	103.23%
12) S 1-chlorooctadecane (S...	13.422	8069798	51.782 ug/ml
Spiked Amount 50.000		Recovery =	103.56%
Target Compounds			
1) T n-Nonane (C9)	3.334	8283699	51.108 ug/ml
2) T n-Decane (C10)	4.587	8458707	51.101 ug/ml
3) T A~Naphthalene (C11.7)	6.303	9255687	51.178 ug/ml
4) T n-Dodecane (C12)	6.761	8630420	51.255 ug/ml
5) T A~2-methylnaphthalene...	7.404	9018328	51.408 ug/ml
6) T n-Tetradecane (C14)	8.597	8702299	51.502 ug/ml
7) T n-Hexadecane (C16)	10.210	9165065	51.685 ug/ml
8) T n-Octadecane (C18)	11.660	9466424	51.842 ug/ml
10) T n-Eicosane (C20)	12.974	9224749	51.777 ug/ml
11) T n-Heneicosane (C21)	13.588	9116016	51.761 ug/ml
13) T n-Docosane (C22)	14.176	9188407	52.021 ug/ml
14) T n-Tetracosane (C24)	15.283	9376021	52.583 ug/ml
15) T n-Hexacosane (C26)	16.307	9244371	52.644 ug/ml
16) T n-Octacosane (C28)	17.261	9040985	52.620 ug/ml
17) T n-Tricontane (C30)	18.150	9116641	52.435 ug/ml
18) T n-Dotriacontane (C32)	18.985	8697901	52.190 ug/ml
19) T n-Tetratriacontane (C34)	19.770	7726773	51.665 ug/ml
20) T n-Hexatriacontane (C36)	20.510	6593672	51.172 ug/ml
21) T n-Octatriacontane (C38)	21.266	5889118	50.965 ug/ml
22) T n-Tetracontane (C40)	22.214	5525608	51.424 ug/ml

(f)=RT Delta > 1/2 Window

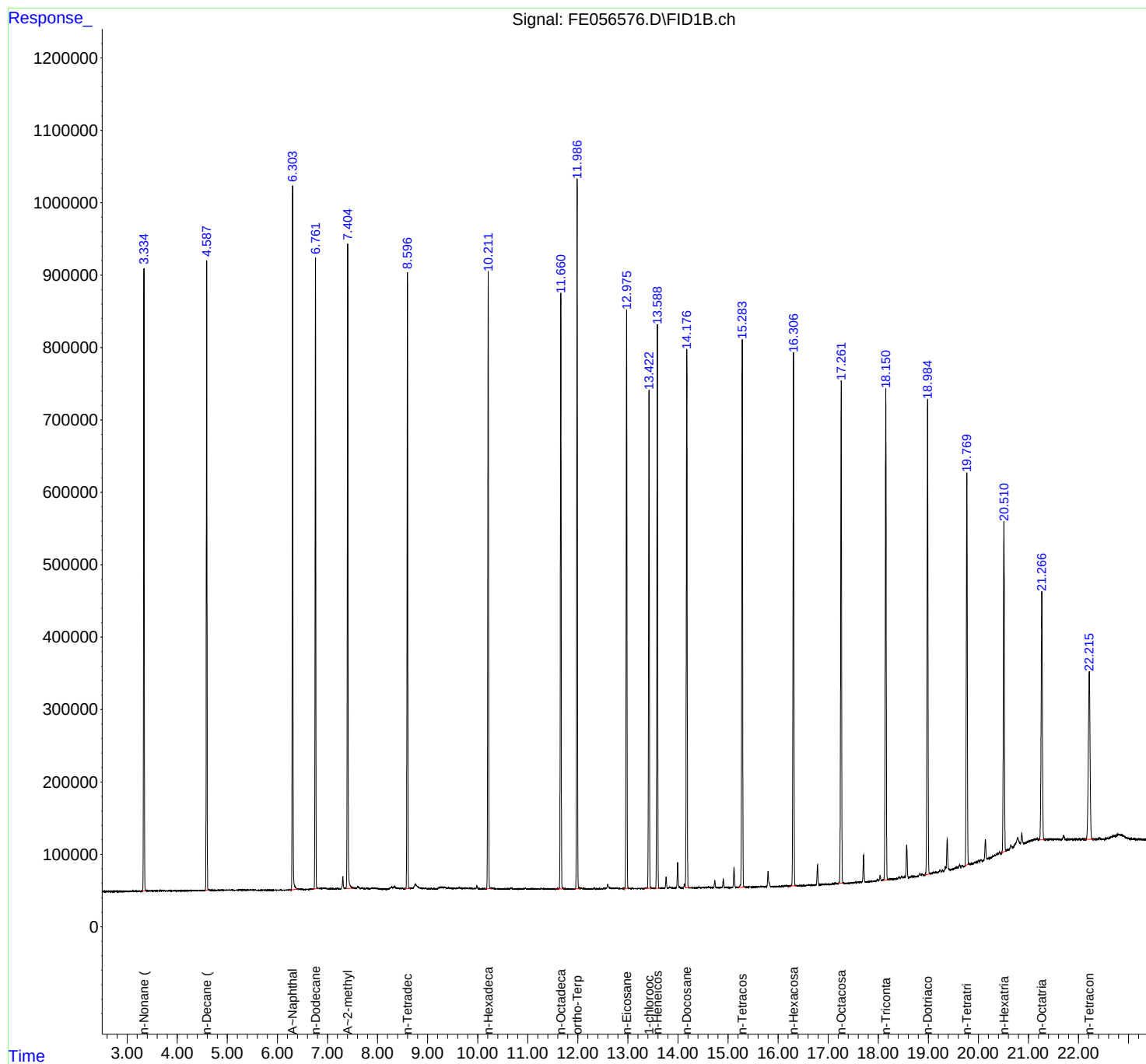
(m)=manual int.

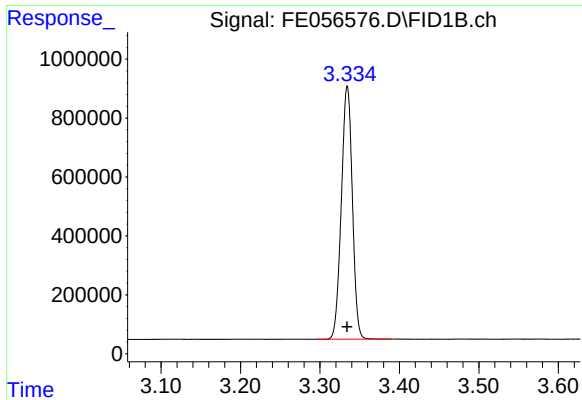
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056576.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 10:50
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 30 12:05:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 11:59:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

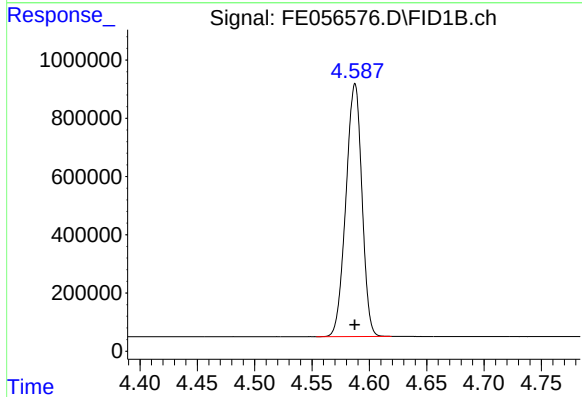




#1 n-Nonane (C9)

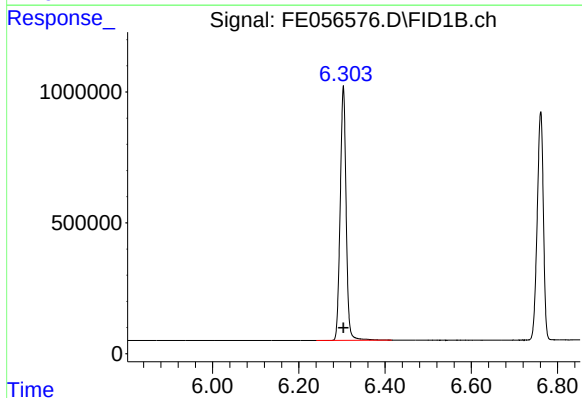
R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 8283699
Conc: 51.11 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



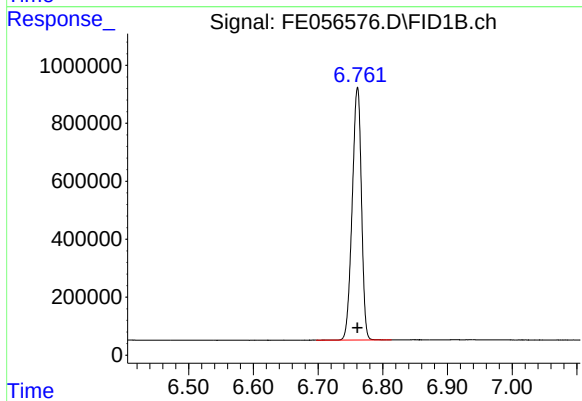
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 8458707
Conc: 51.10 ug/ml



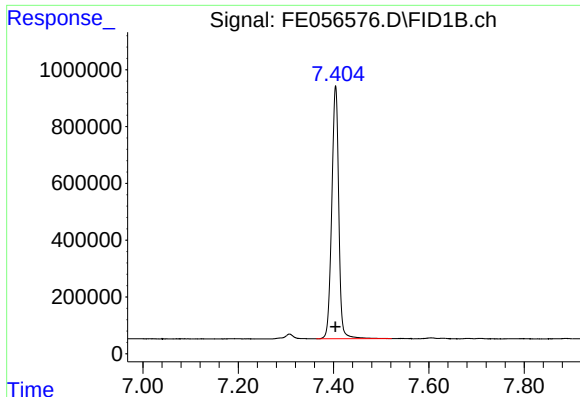
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 9255687
Conc: 51.18 ug/ml



#4 n-Dodecane (C12)

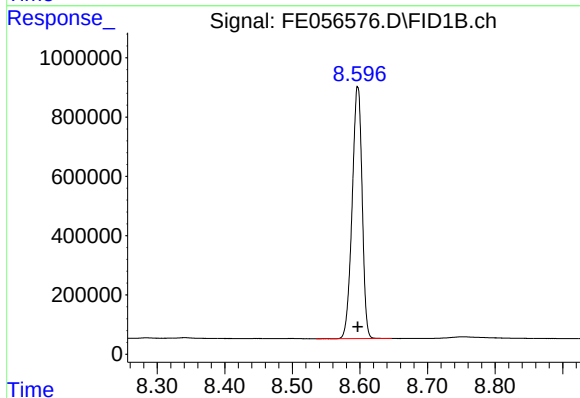
R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 8630420
Conc: 51.25 ug/ml



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

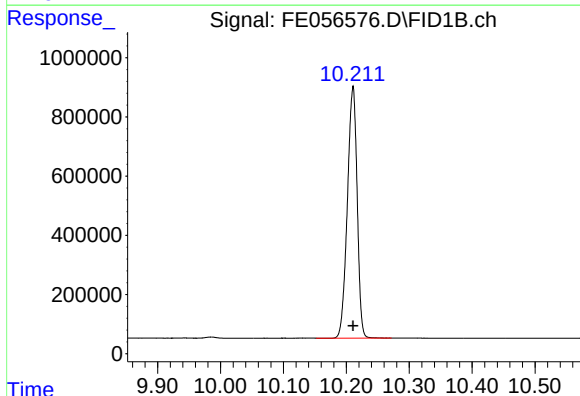
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 9018328
Conc: 51.41 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



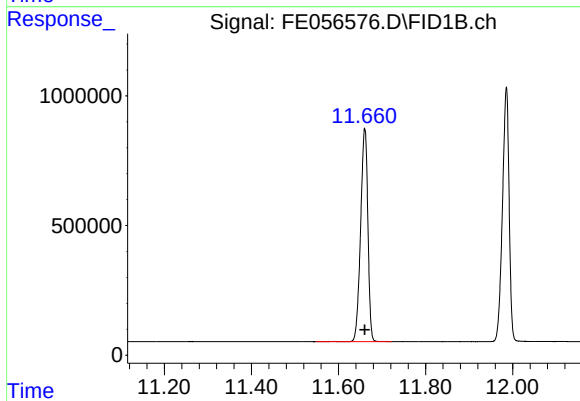
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 8702299
Conc: 51.50 ug/ml



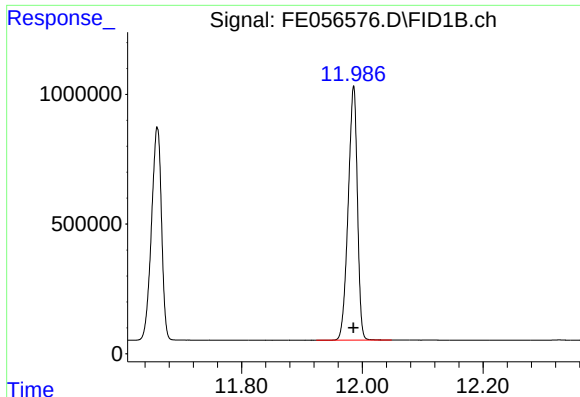
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.000 min
Response: 9165065
Conc: 51.68 ug/ml



#8 n-Octadecane (C18)

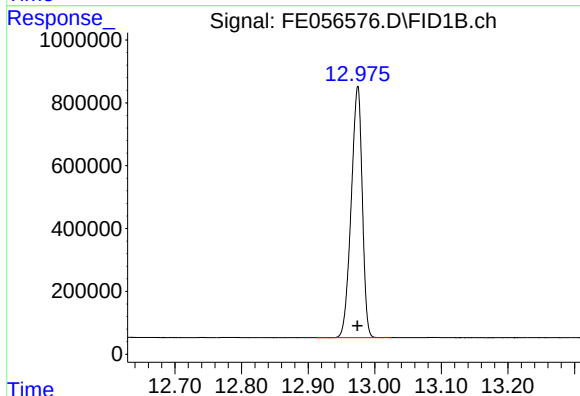
R.T.: 11.660 min
Delta R.T.: 0.000 min
Response: 9466424
Conc: 51.84 ug/ml



#9 ortho-Terphenyl (SURR)

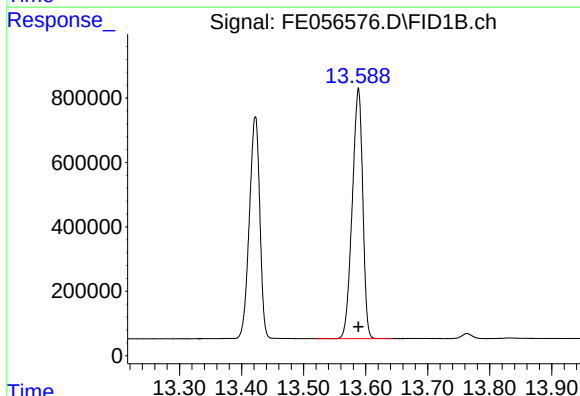
R.T.: 11.985 min
Delta R.T.: 0.000 min
Response: 10390390
Conc: 51.61 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



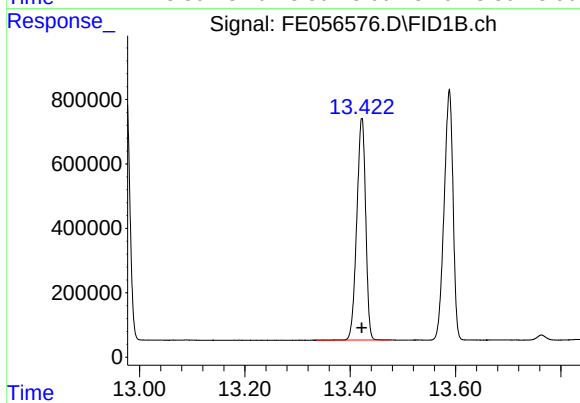
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 9224749
Conc: 51.78 ug/ml



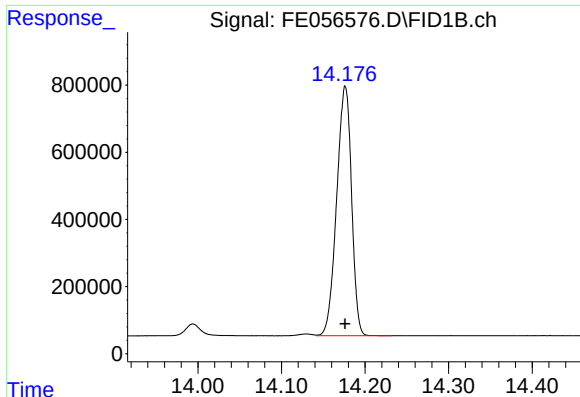
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.000 min
Response: 9116016
Conc: 51.76 ug/ml



#12 1-chlorooctadecane (SURR)

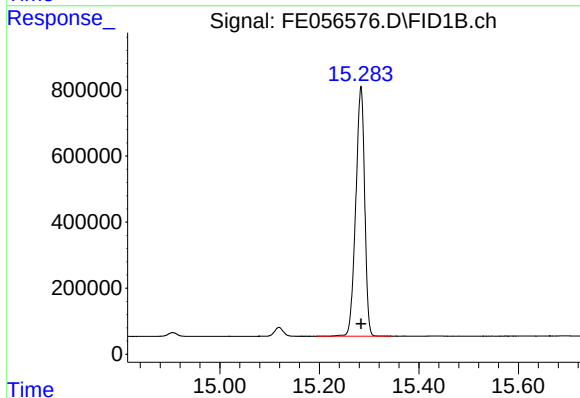
R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 8069798
Conc: 51.78 ug/ml



#13 n-Docosane (C22)

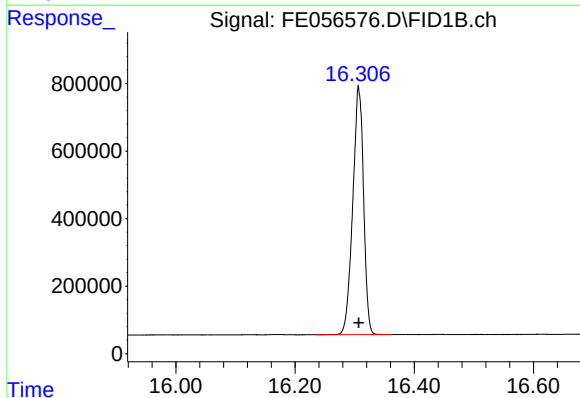
R.T.: 14.176 min
Delta R.T.: 0.000 min
Response: 9188407
Conc: 52.02 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



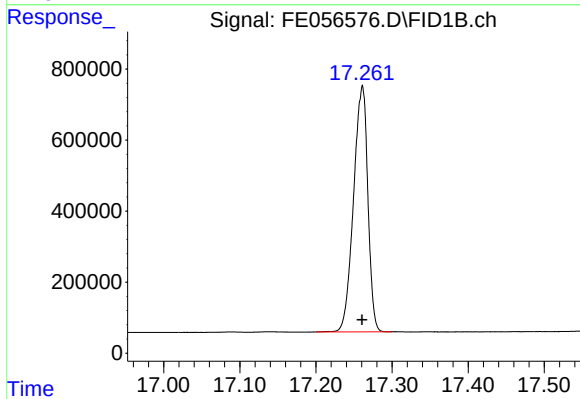
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 9376021
Conc: 52.58 ug/ml



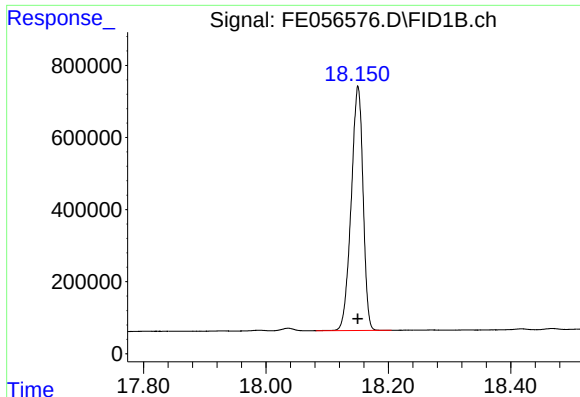
#15 n-Hexacosane (C26)

R.T.: 16.307 min
Delta R.T.: 0.000 min
Response: 9244371
Conc: 52.64 ug/ml



#16 n-Octacosane (C28)

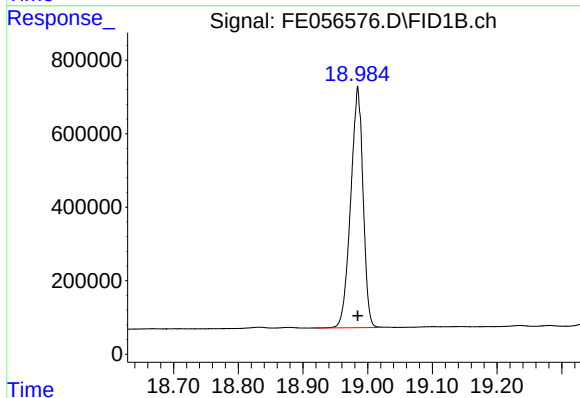
R.T.: 17.261 min
Delta R.T.: 0.000 min
Response: 9040985
Conc: 52.62 ug/ml



#17 n-Tricontane (C30)

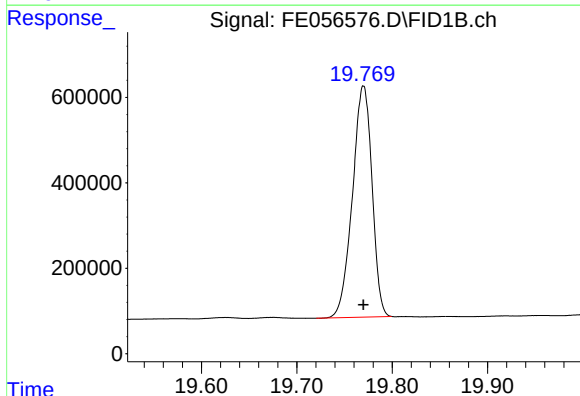
R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 9116641
Conc: 52.43 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



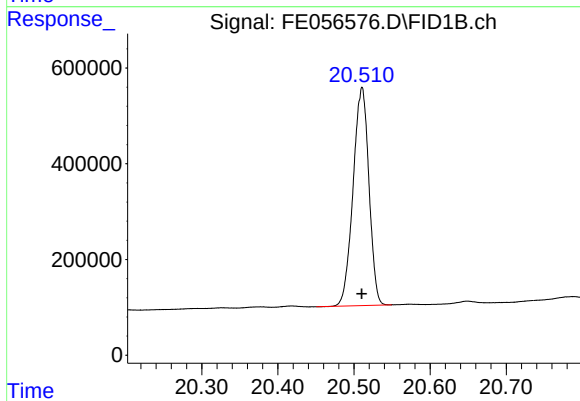
#18 n-Dotriacontane (C32)

R.T.: 18.985 min
Delta R.T.: 0.000 min
Response: 8697901
Conc: 52.19 ug/ml



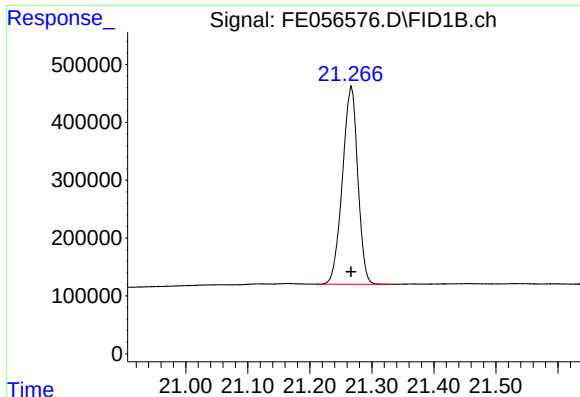
#19 n-Tetratriacontane (C34)

R.T.: 19.770 min
Delta R.T.: 0.000 min
Response: 7726773
Conc: 51.67 ug/ml



#20 n-Hexatriacontane (C36)

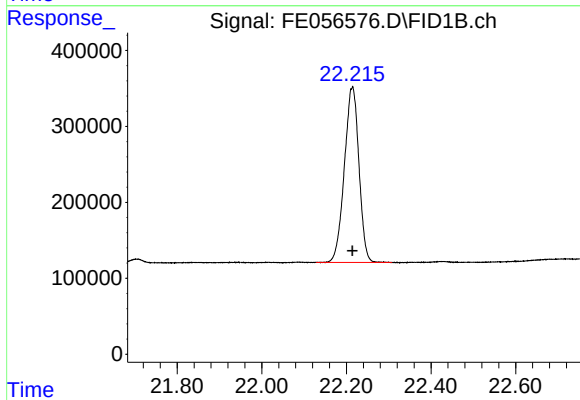
R.T.: 20.510 min
Delta R.T.: 0.000 min
Response: 6593672
Conc: 51.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.266 min
Delta R.T.: 0.000 min
Response: 5889118
Conc: 50.97 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.214 min
Delta R.T.: 0.000 min
Response: 5525608
Conc: 51.42 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056576.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 10:50
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.334	3.295	3.390	BB	859468	8283699	79.72%	4.402%
2	4.587	4.554	4.619	BBA	868249	8458707	81.41%	4.495%
3	6.303	6.240	6.415	BB	974202	9255687	89.08%	4.919%
4	6.761	6.697	6.814	BB	869786	8630420	83.06%	4.586%
5	7.404	7.364	7.522	BB	890333	9018328	86.79%	4.792%
6	8.597	8.535	8.647	BB	849680	8702299	83.75%	4.624%
7	10.210	10.152	10.272	BB	848274	9165065	88.21%	4.870%
8	11.660	11.549	11.722	BB	822893	9466424	91.11%	5.030%
9	11.985	11.924	12.049	BB	981415	10390390	100.00%	5.521%
10	12.974	12.912	13.025	BB	797927	9224749	88.78%	4.902%
11	13.422	13.335	13.479	BB	689355	8069798	77.67%	4.288%
12	13.588	13.520	13.642	BB	780350	9116016	87.74%	4.844%
13	14.176	14.142	14.232	VB	743785	9188407	88.43%	4.883%
14	15.283	15.194	15.345	BB	757600	9376021	90.24%	4.982%
15	16.307	16.235	16.362	BB	727588	9244371	88.97%	4.912%
16	17.261	17.200	17.299	BBA	690402	9040985	87.01%	4.804%
17	18.150	18.082	18.205	BB	679486	9116641	87.74%	4.845%
18	18.985	18.920	19.037	BB	654654	8697901	83.71%	4.622%
19	19.770	19.720	19.799	BBA	541984	7726773	74.36%	4.106%
20	20.510	20.450	20.549	BBA	457176	6593672	63.46%	3.504%
21	21.266	21.210	21.332	BB	342971	5889118	56.68%	3.129%
22	22.214	22.129	22.307	BB	230200	5525608	53.18%	2.936%
Sum of corrected areas:						188181079		

Aliphatic EPH 103025.M Thu Oct 30 12:57:04 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056577.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 11:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 30 12:00:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 11:59:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.980	4110239	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.418	3172652	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.333	3309356	20.000 ug/ml
2) T n-Decane (C10)	4.585	3388814	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.302	3665296	20.000 ug/ml
4) T n-Dodecane (C12)	6.758	3436704	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.402	3527076	20.000 ug/ml
6) T n-Tetradecane (C14)	8.593	3435589	20.000 ug/ml
7) T n-Hexadecane (C16)	10.207	3603610	20.000 ug/ml
8) T n-Octadecane (C18)	11.656	3719660	20.000 ug/ml
10) T n-Eicosane (C20)	12.970	3642327	20.000 ug/ml
11) T n-Heneicosane (C21)	13.584	3600979	20.000 ug/ml
13) T n-Docosane (C22)	14.172	3603427	20.000 ug/ml
14) T n-Tetracosane (C24)	15.278	3625778	20.000 ug/ml
15) T n-Hexacosane (C26)	16.302	3573189	20.000 ug/ml
16) T n-Octacosane (C28)	17.255	3520565	20.000 ug/ml
17) T n-Tricontane (C30)	18.146	3627924	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.981	3543930	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.766	3202986	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.507	2737391	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.262	2396120	20.000 ug/ml
22) T n-Tetracontane (C40)	22.211	2215261	20.000 ug/ml

(f)=RT Delta > 1/2 Window

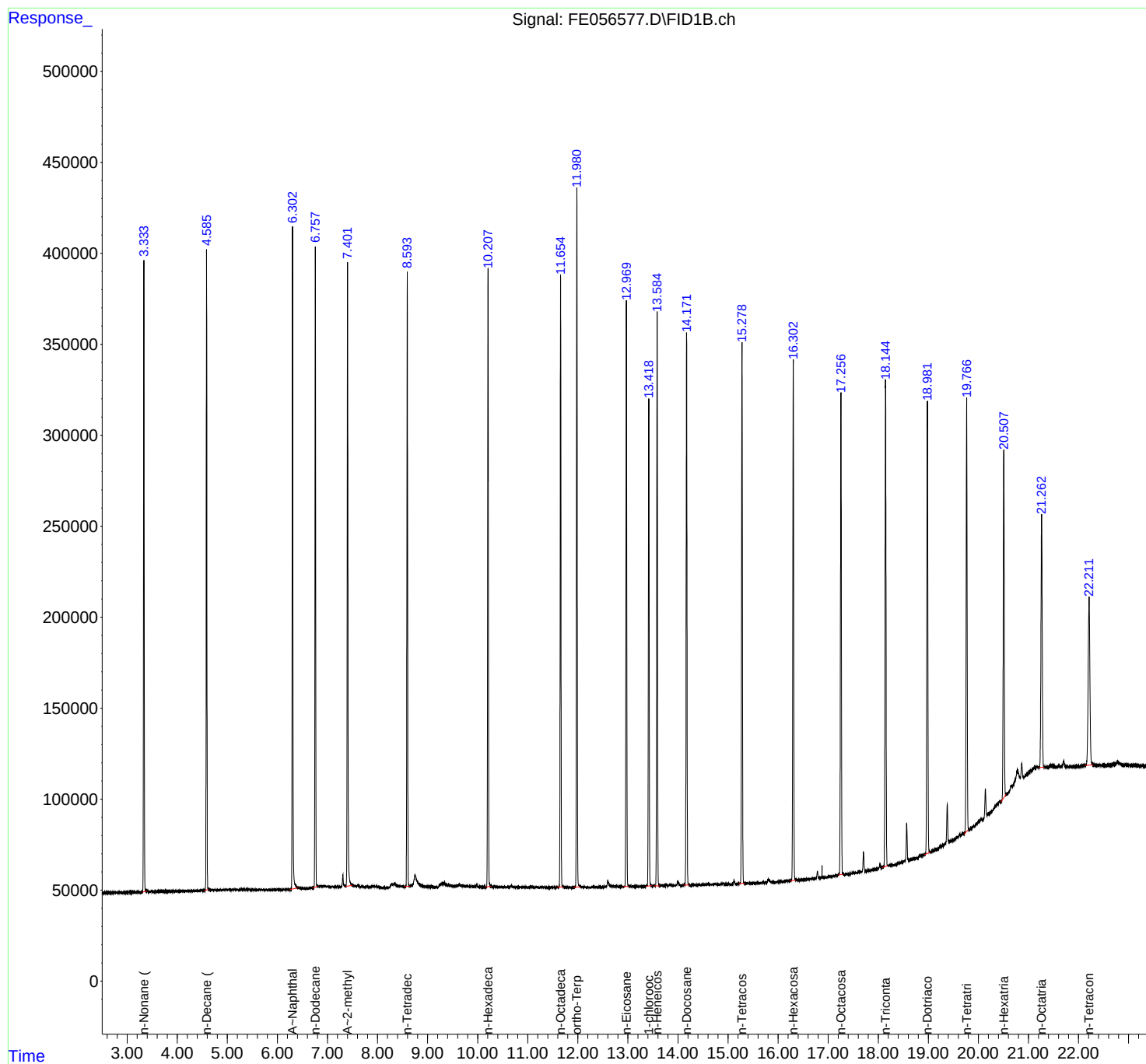
(m)=manual int.

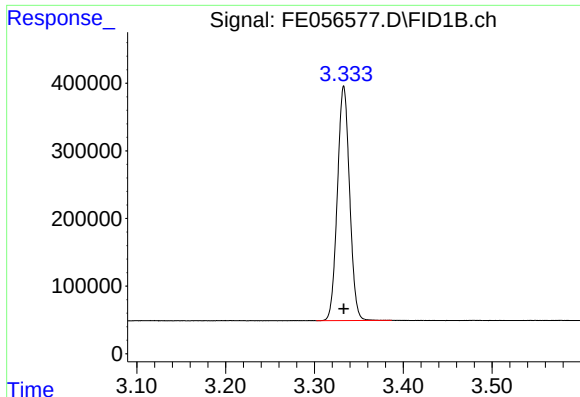
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056577.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 11:20
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 30 12:00:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 11:59:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

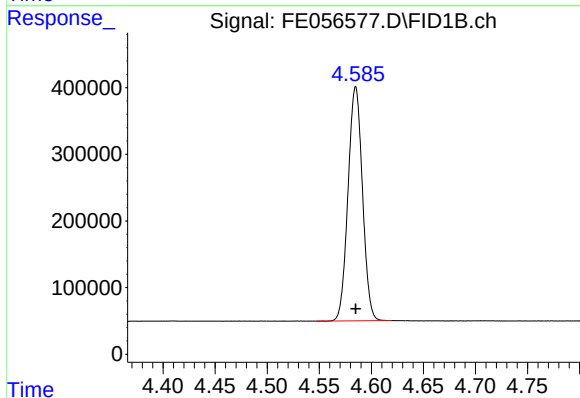




#1 n-Nonane (C9)

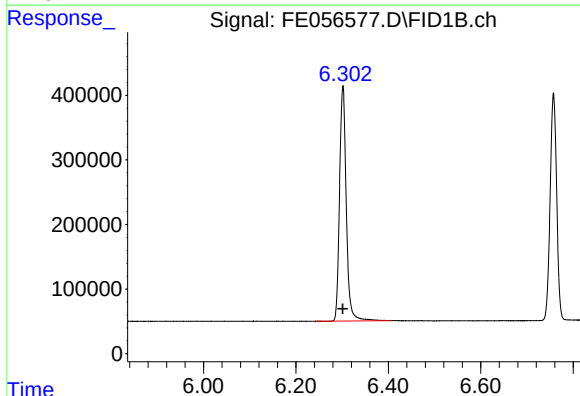
R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 3309356
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



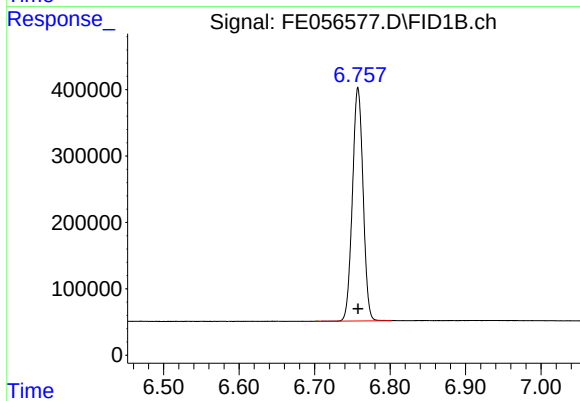
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 3388814
Conc: 20.00 ug/ml



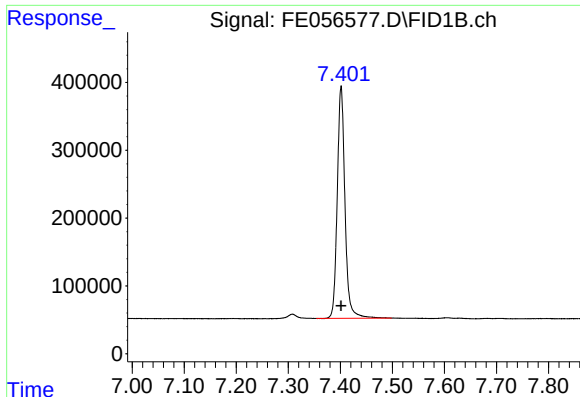
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 3665296
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

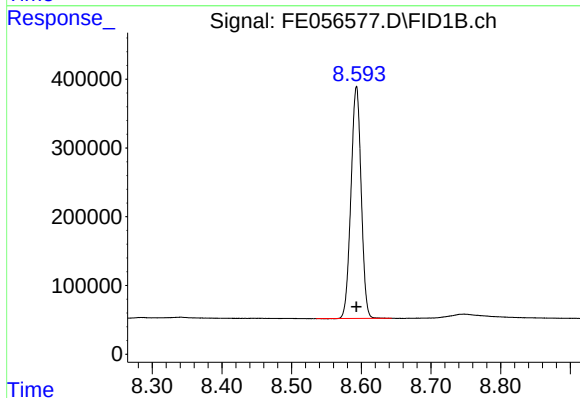
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 3436704
Conc: 20.00 ug/ml



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

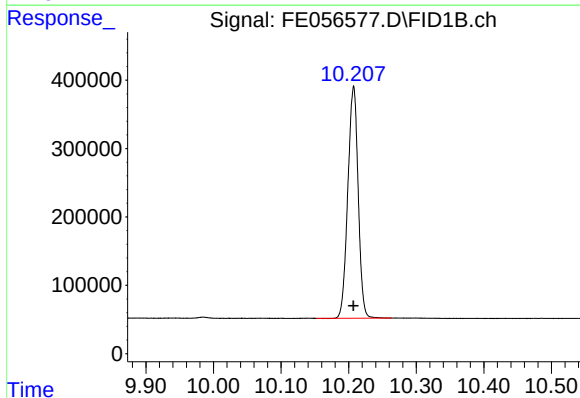
R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 3527076
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



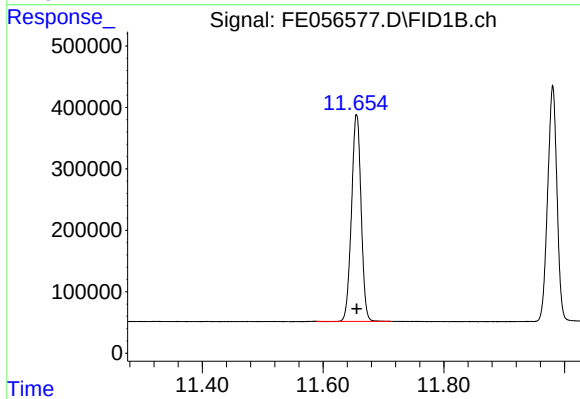
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 3435589
Conc: 20.00 ug/ml



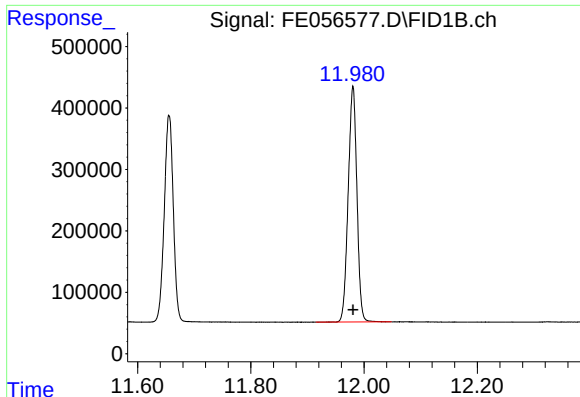
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.000 min
Response: 3603610
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

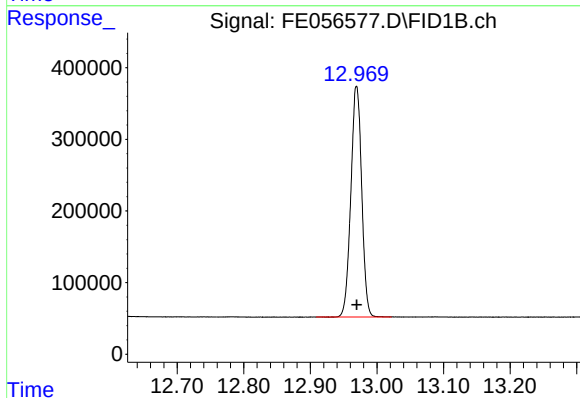
R.T.: 11.656 min
Delta R.T.: 0.000 min
Response: 3719660
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

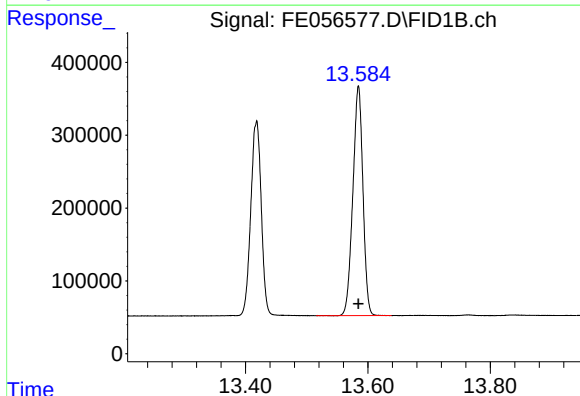
R.T.: 11.980 min
Delta R.T.: 0.000 min
Response: 4110239
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



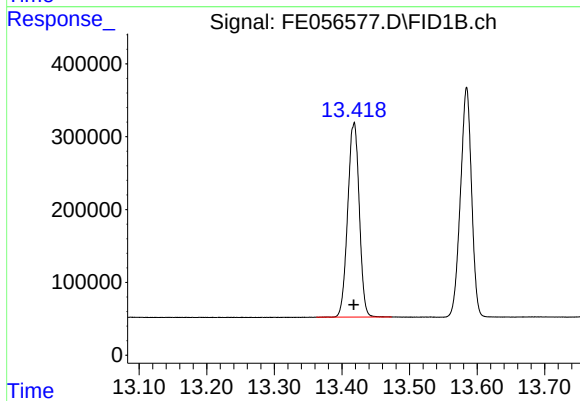
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.000 min
Response: 3642327
Conc: 20.00 ug/ml



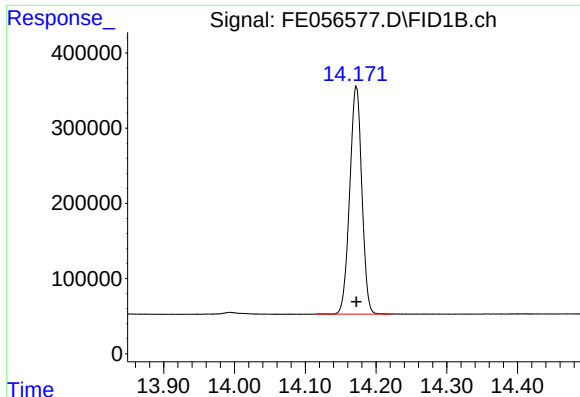
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: 0.000 min
Response: 3600979
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

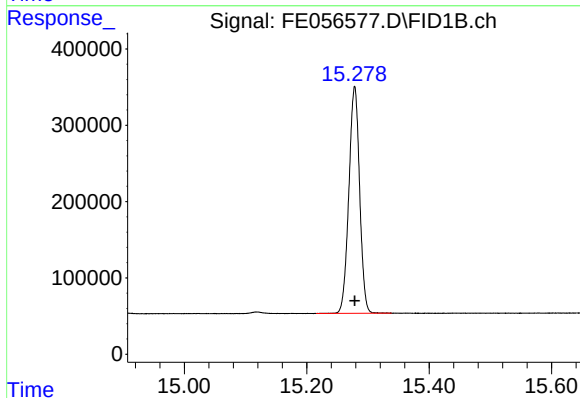
R.T.: 13.418 min
Delta R.T.: 0.000 min
Response: 3172652
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

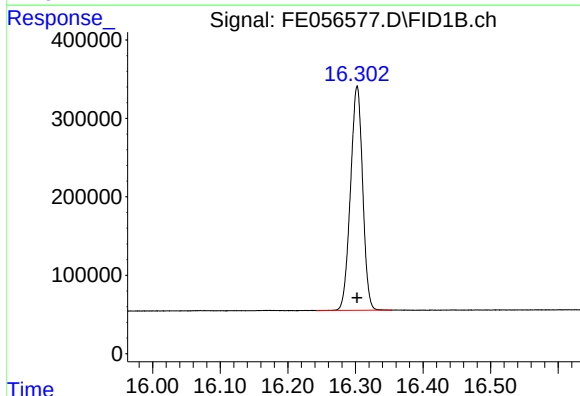
R.T.: 14.172 min
Delta R.T.: 0.000 min
Response: 3603427
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



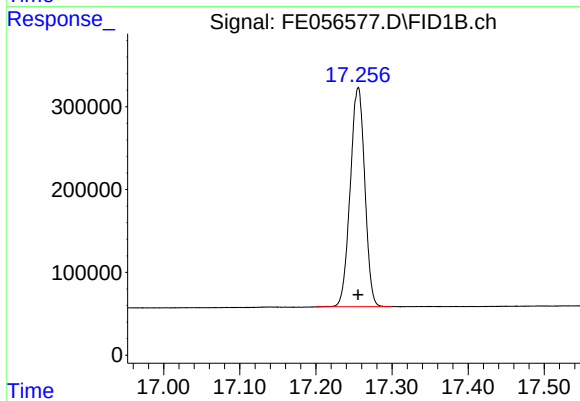
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.000 min
Response: 3625778
Conc: 20.00 ug/ml



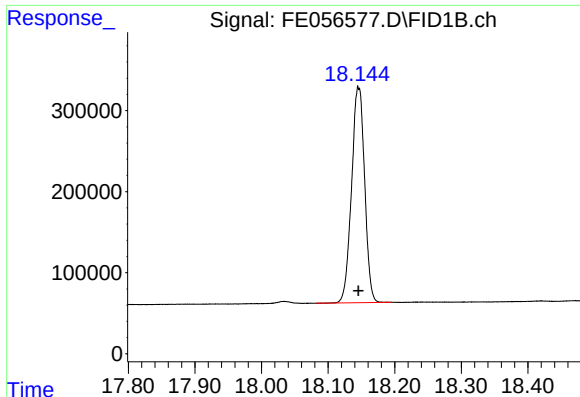
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.000 min
Response: 3573189
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

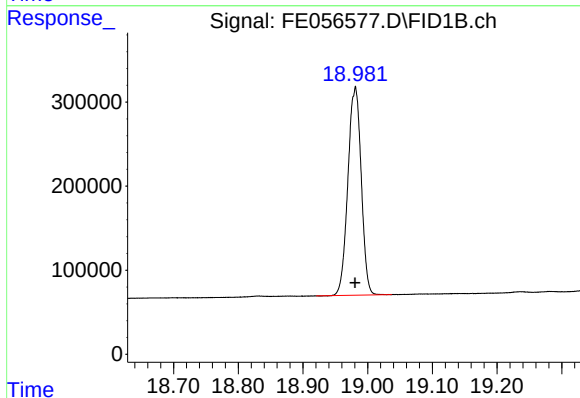
R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 3520565
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

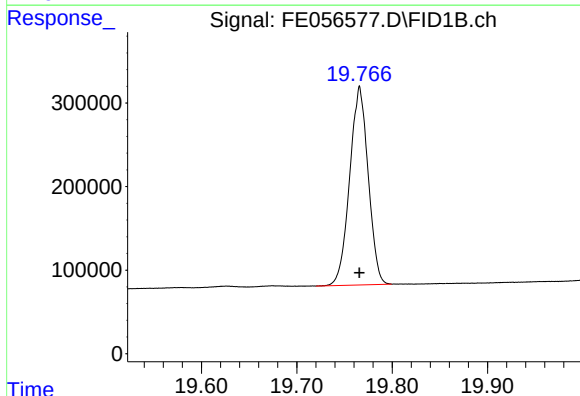
R.T.: 18.146 min
Delta R.T.: 0.000 min
Response: 3627924
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



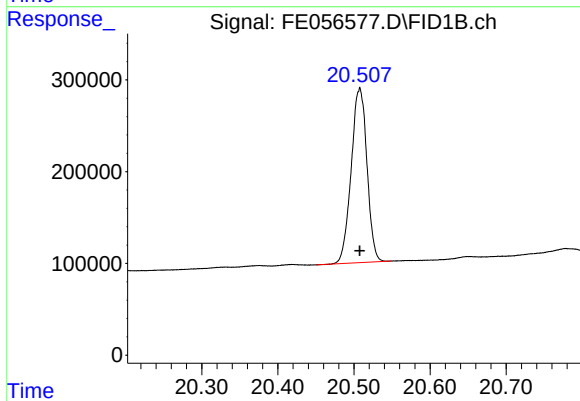
#18 n-Dotriacontane (C32)

R.T.: 18.981 min
Delta R.T.: 0.000 min
Response: 3543930
Conc: 20.00 ug/ml



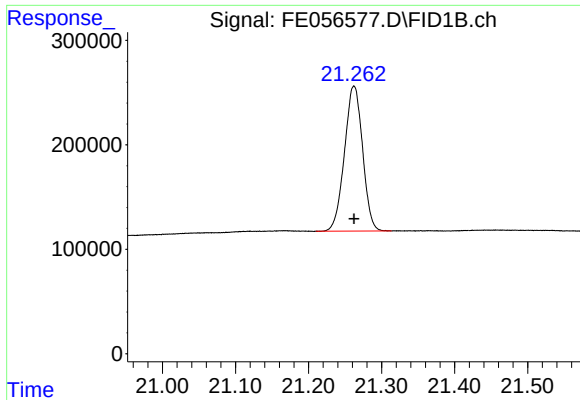
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min
Delta R.T.: 0.000 min
Response: 3202986
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

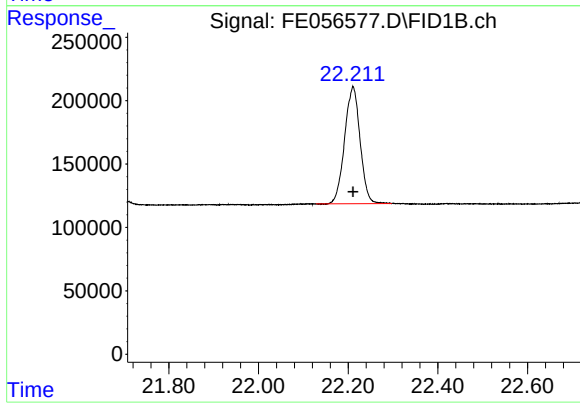
R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 2737391
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 2396120
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.211 min
Delta R.T.: 0.000 min
Response: 2215261
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056577.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 11:20
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.333	3.302	3.387	BB	346822	3309356	80.51%	4.433%
2	4.585	4.547	4.619	BBA	352192	3388814	82.45%	4.539%
3	6.302	6.244	6.407	BB	364861	3665296	89.17%	4.909%
4	6.758	6.702	6.802	BB	351549	3436704	83.61%	4.603%
5	7.402	7.354	7.499	BB	342824	3527076	85.81%	4.724%
6	8.593	8.535	8.644	BB	338958	3435589	83.59%	4.602%
7	10.207	10.152	10.264	BB	338730	3603610	87.67%	4.827%
8	11.656	11.589	11.714	BB	336890	3719660	90.50%	4.982%
9	11.980	11.915	12.049	BB	384534	4110239	100.00%	5.505%
10	12.970	12.909	13.022	BB	322608	3642327	88.62%	4.879%
11	13.418	13.362	13.474	BB	264565	3172652	77.19%	4.250%
12	13.584	13.515	13.639	BB	315131	3600979	87.61%	4.823%
13	14.172	14.115	14.222	BB	303235	3603427	87.67%	4.827%
14	15.278	15.215	15.339	BB	298227	3625778	88.21%	4.856%
15	16.302	16.242	16.354	BB	285534	3573189	86.93%	4.786%
16	17.255	17.200	17.299	BBA	264764	3520565	85.65%	4.716%
17	18.146	18.082	18.195	BB	266055	3627924	88.27%	4.859%
18	18.981	18.920	19.037	BB	246347	3543930	86.22%	4.747%
19	19.766	19.720	19.799	BBA	237128	3202986	77.93%	4.290%
20	20.507	20.450	20.549	BBA	189105	2737391	66.60%	3.667%
21	21.262	21.210	21.314	BB	138965	2396120	58.30%	3.209%
22	22.211	22.129	22.297	BB	92560	2215261	53.90%	2.967%
Sum of corrected areas:							74658870	

Aliphatic EPH 103025.M Thu Oct 30 12:57:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056578.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 11:51
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 30 12:21:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:21:37 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.979	2175105	10.592 ug/ml
Spiked Amount 50.000		Recovery =	21.18%
12) S 1-chlorooctadecane (S...	13.417	1673178	10.542 ug/ml
Spiked Amount 50.000		Recovery =	21.08%
Target Compounds			
1) T n-Nonane (C9)	3.332	1739861	10.541 ug/ml
2) T n-Decane (C10)	4.584	1778707	10.549 ug/ml
3) T A~Naphthalene (C11.7)	6.302	1900301	10.376 ug/ml
4) T n-Dodecane (C12)	6.757	1805400	10.532 ug/ml
5) T A~2-methylnaphthalene...	7.401	1809756	10.235 ug/ml
6) T n-Tetradecane (C14)	8.592	1806960	10.512 ug/ml
7) T n-Hexadecane (C16)	10.206	1900814	10.530 ug/ml
8) T n-Octadecane (C18)	11.654	1972225	10.589 ug/ml
10) T n-Eicosane (C20)	12.969	1949024	10.689 ug/ml
11) T n-Heneicosane (C21)	13.583	1922827	10.673 ug/ml
13) T n-Docosane (C22)	14.171	1965821	10.824 ug/ml
14) T n-Tetracosane (C24)	15.278	2071768	11.167 ug/ml
15) T n-Hexacosane (C26)	16.302	2057752	11.236 ug/ml
16) T n-Octacosane (C28)	17.255	2055084	11.402 ug/ml
17) T n-Tricontane (C30)	18.145	2121276	11.564 ug/ml
18) T n-Dotriacontane (C32)	18.980	2084284	11.769 ug/ml
19) T n-Tetratriacontane (C34)	19.764	1830892	11.592 ug/ml
20) T n-Hexatriacontane (C36)	20.507	1529216	11.338 ug/ml
21) T n-Octatriacontane (C38)	21.262	1330818	11.096 ug/ml
22) T n-Tetracontane (C40)	22.208	1245352	11.147 ug/ml

(f)=RT Delta > 1/2 Window

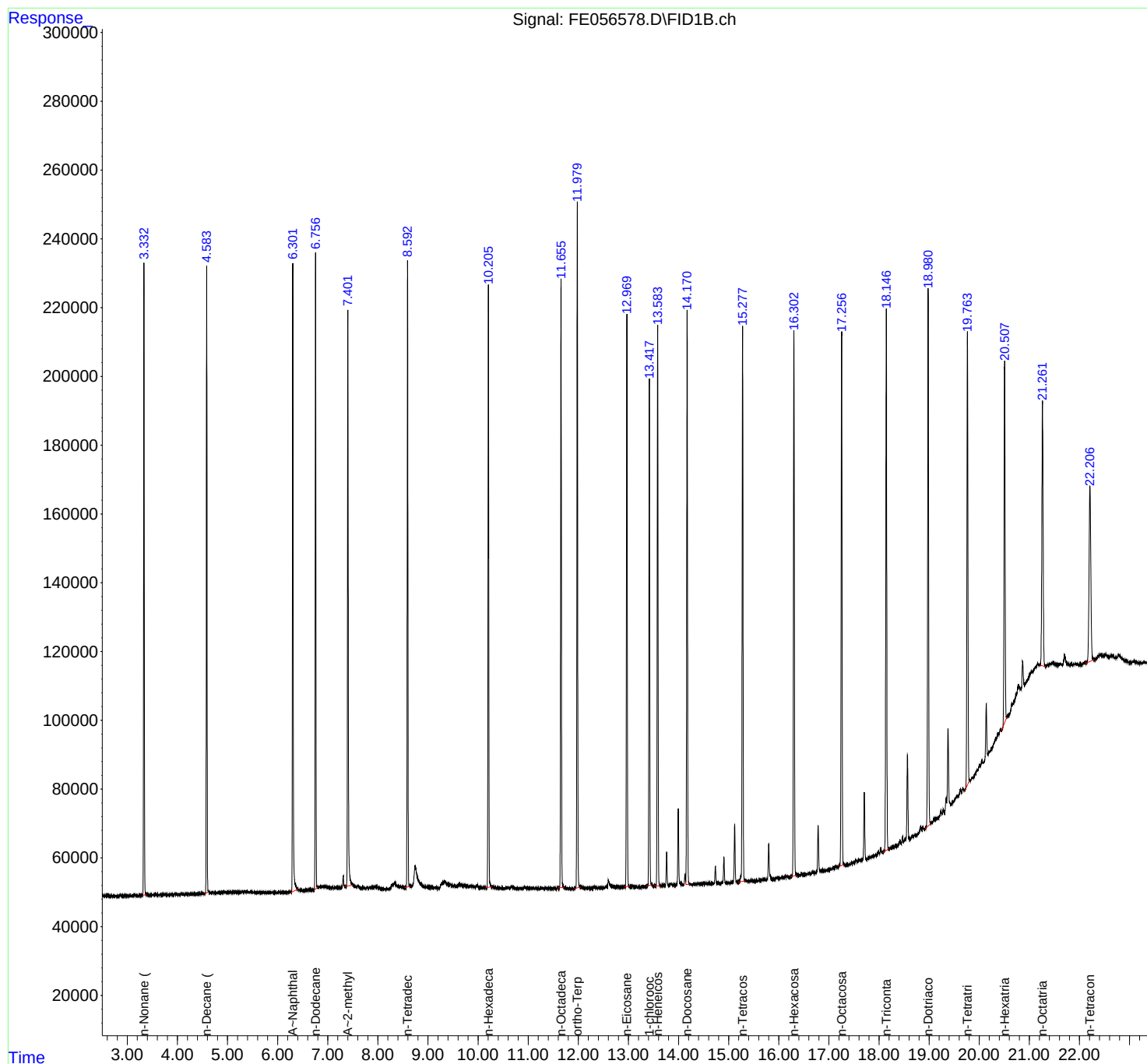
(m)=manual int.

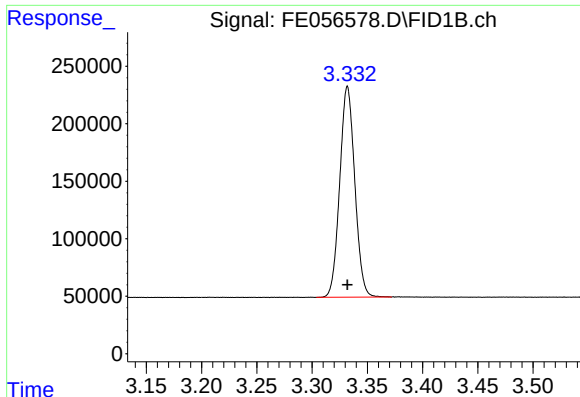
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056578.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 11:51
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 30 12:21:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:21:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

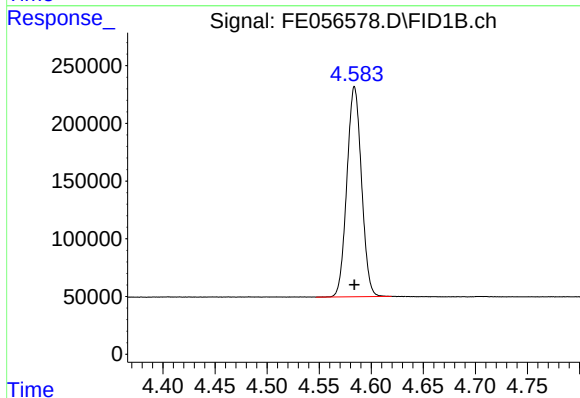




#1 n-Nonane (C9)

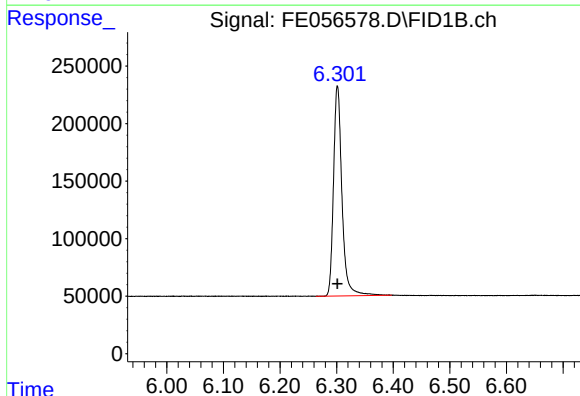
R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 1739861
Conc: 10.54 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



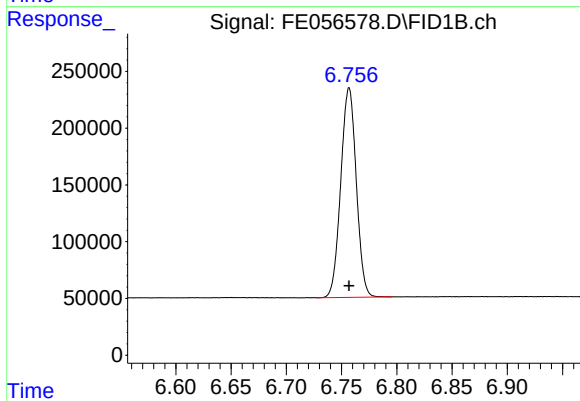
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 1778707
Conc: 10.55 ug/ml



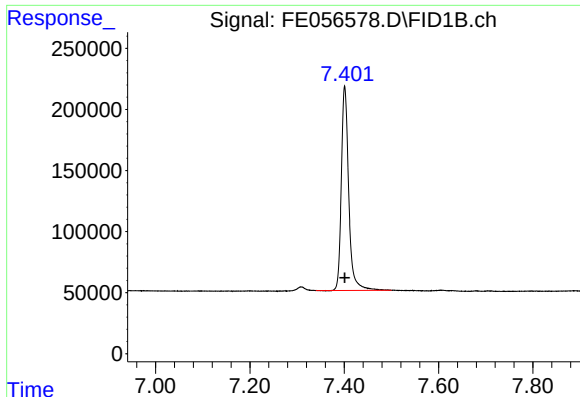
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 1900301
Conc: 10.38 ug/ml



#4 n-Dodecane (C12)

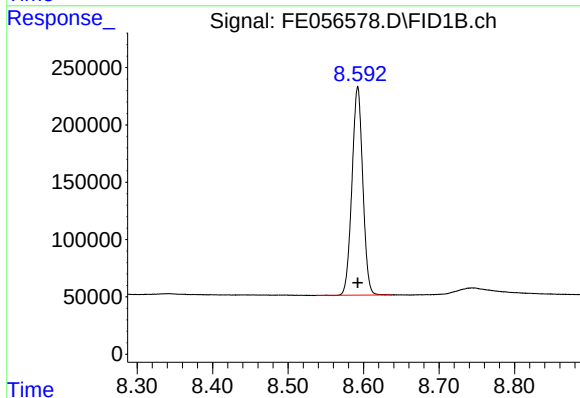
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 1805400
Conc: 10.53 ug/ml



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

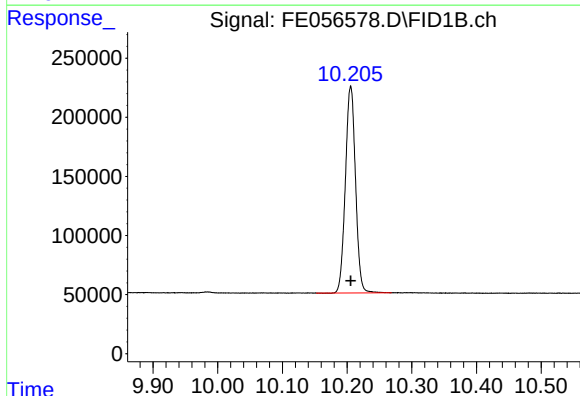
R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 1809756
Conc: 10.24 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



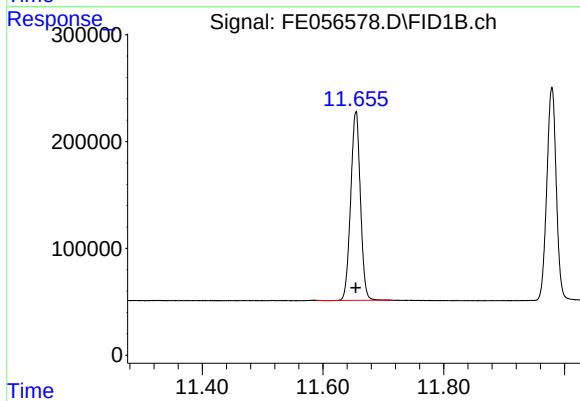
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 1806960
Conc: 10.51 ug/ml



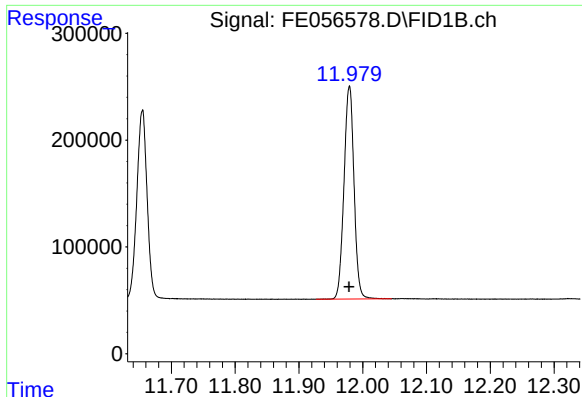
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: 0.000 min
Response: 1900814
Conc: 10.53 ug/ml



#8 n-Octadecane (C18)

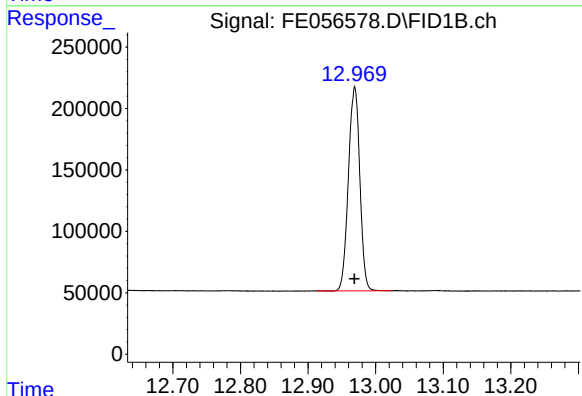
R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 1972225
Conc: 10.59 ug/ml



#9 ortho-Terphenyl (SURR)

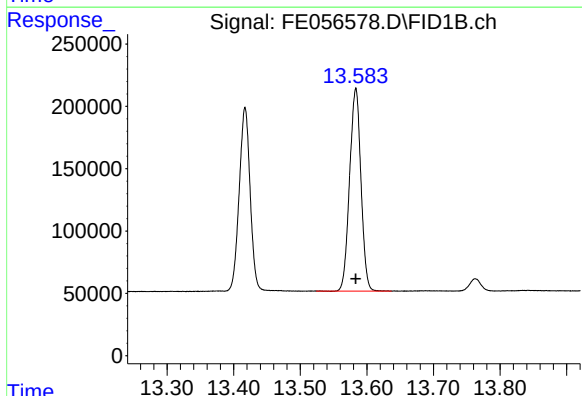
R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 2175105
Conc: 10.59 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



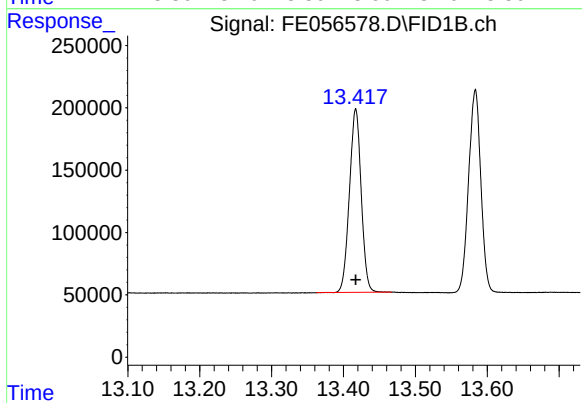
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 1949024
Conc: 10.69 ug/ml



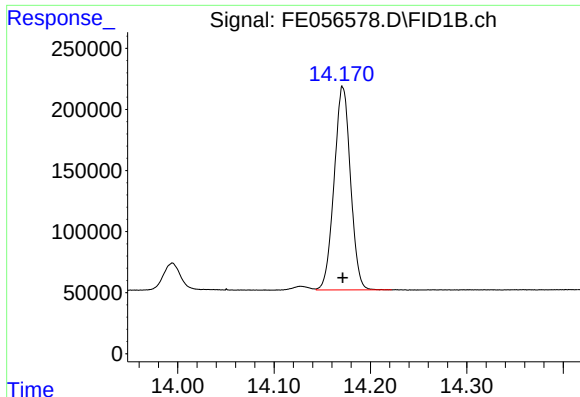
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.000 min
Response: 1922827
Conc: 10.67 ug/ml



#12 1-chlorooctadecane (SURR)

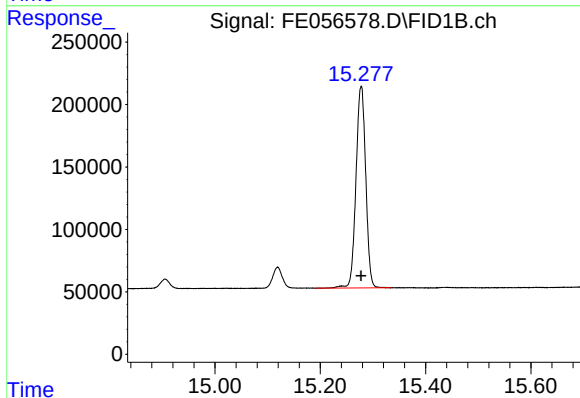
R.T.: 13.417 min
Delta R.T.: 0.000 min
Response: 1673178
Conc: 10.54 ug/ml



#13 n-Docosane (C22)

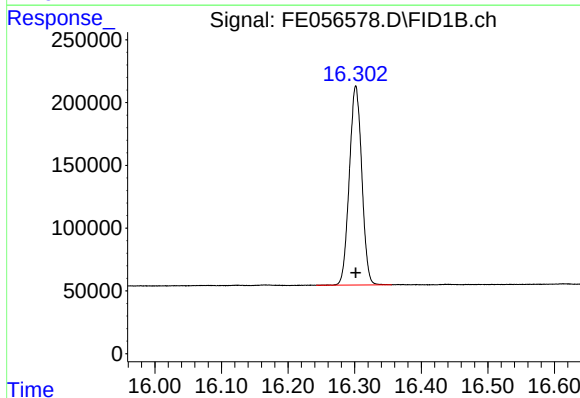
R.T.: 14.171 min
Delta R.T.: 0.000 min
Response: 1965821
Conc: 10.82 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



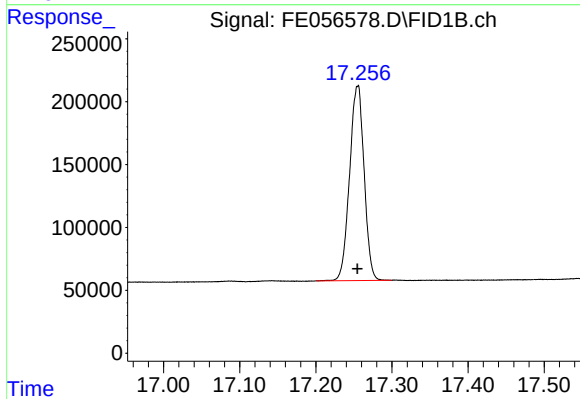
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.000 min
Response: 2071768
Conc: 11.17 ug/ml



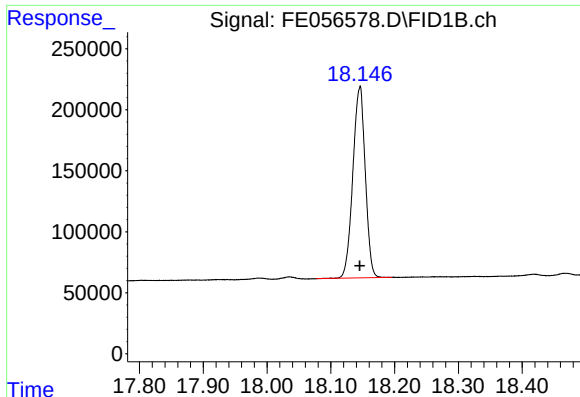
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.000 min
Response: 2057752
Conc: 11.24 ug/ml



#16 n-Octacosane (C28)

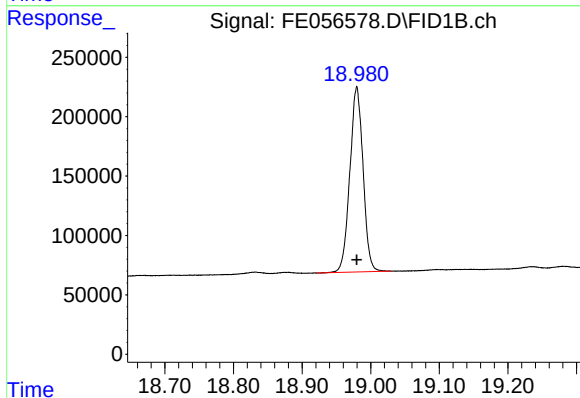
R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 2055084
Conc: 11.40 ug/ml



#17 n-Tricontane (C30)

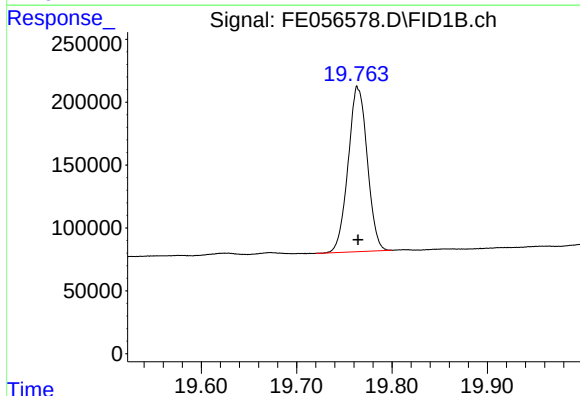
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 2121276
Conc: 11.56 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



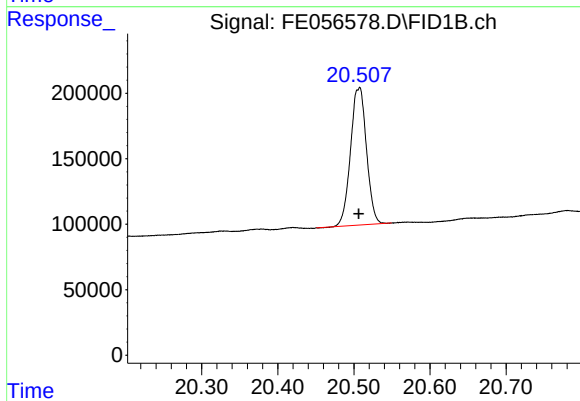
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.000 min
Response: 2084284
Conc: 11.77 ug/ml



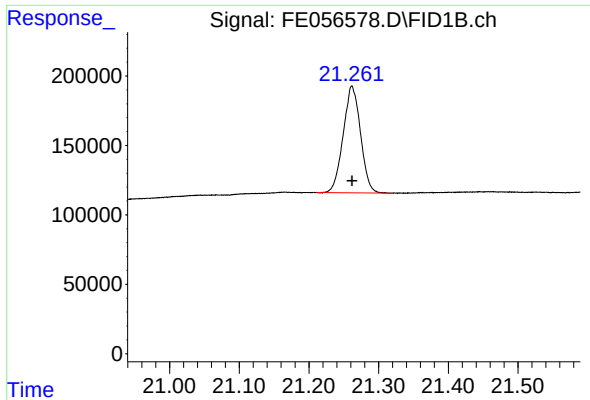
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 1830892
Conc: 11.59 ug/ml



#20 n-Hexatriacontane (C36)

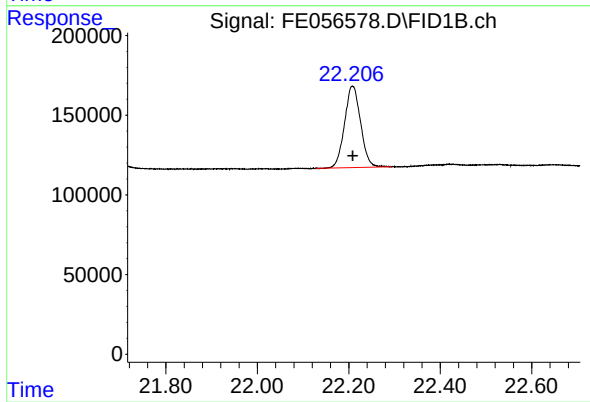
R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 1529216
Conc: 11.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 1330818
Conc: 11.10 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.208 min
Delta R.T.: 0.000 min
Response: 1245352
Conc: 11.15 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056578.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 11:51
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.332	3.304	3.372	BB	183333	1739861	79.99%	4.272%
2	4.584	4.547	4.620	BBA	182225	1778707	81.78%	4.367%
3	6.302	6.264	6.397	BB	182183	1900301	87.37%	4.666%
4	6.757	6.727	6.795	BB	185256	1805400	83.00%	4.433%
5	7.401	7.340	7.500	BB	165998	1809756	83.20%	4.444%
6	8.592	8.537	8.637	BB	181787	1806960	83.07%	4.437%
7	10.206	10.152	10.269	BB	174738	1900814	87.39%	4.667%
8	11.654	11.589	11.714	BB	176404	1972225	90.67%	4.843%
9	11.979	11.927	12.045	BB	199071	2175105	100.00%	5.341%
10	12.969	12.912	13.024	BB	166384	1949024	89.61%	4.786%
11	13.417	13.362	13.467	BB	147215	1673178	76.92%	4.108%
12	13.583	13.524	13.637	BB	163350	1922827	88.40%	4.721%
13	14.171	14.144	14.222	VB	165444	1965821	90.38%	4.827%
14	15.278	15.192	15.335	BB	161436	2071768	95.25%	5.087%
15	16.302	16.242	16.355	BB	158775	2057752	94.60%	5.053%
16	17.255	17.200	17.300	BBA	155015	2055084	94.48%	5.046%
17	18.145	18.077	18.195	BB	156516	2121276	97.53%	5.209%
18	18.980	18.920	19.030	BB	156591	2084284	95.82%	5.118%
19	19.764	19.720	19.800	BBA	130721	1830892	84.17%	4.496%
20	20.507	20.450	20.550	BBA	104860	1529216	70.31%	3.755%
21	21.262	21.210	21.319	BB	76821	1330818	61.18%	3.268%
22	22.208	22.129	22.294	BB	50974	1245352	57.25%	3.058%
Sum of corrected areas:							40726422	

Aliphatic EPH 103025.M Thu Oct 30 12:58:36 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056579.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 12:21
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 30 12:48:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:47:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.979	1115676	5.340 ug/ml
Spiked Amount 50.000		Recovery =	10.68%
12) S 1-chlorooctadecane (S...	13.417	853728	5.299 ug/ml
Spiked Amount 50.000		Recovery =	10.60%
Target Compounds			
1) T n-Nonane (C9)	3.333	897930	5.346 ug/ml
2) T n-Decane (C10)	4.585	917558	5.347 ug/ml
3) T A~Naphthalene (C11.7)	6.303	951651	5.156 ug/ml
4) T n-Dodecane (C12)	6.757	919808	5.288 ug/ml
5) T A~2-methylnaphthalene...	7.403	894288	5.046 ug/ml
6) T n-Tetradecane (C14)	8.592	925756	5.304 ug/ml
7) T n-Hexadecane (C16)	10.206	963615	5.267 ug/ml
8) T n-Octadecane (C18)	11.654	1006643	5.319 ug/ml
10) T n-Eicosane (C20)	12.969	1012155	5.431 ug/ml
11) T n-Heneicosane (C21)	13.582	993871	5.405 ug/ml
13) T n-Docosane (C22)	14.171	1047683	5.597 ug/ml
14) T n-Tetracosane (C24)	15.277	1186109	6.056 ug/ml
15) T n-Hexacosane (C26)	16.302	1195552	6.152 ug/ml
16) T n-Octacosane (C28)	17.255	1236772	6.386 ug/ml
17) T n-Tricontane (C30)	18.145	1343777	6.702 ug/ml
18) T n-Dotriacontane (C32)	18.981	1374204	6.988 ug/ml
19) T n-Tetratriacontane (C34)	19.765	1156477	6.700 ug/ml
20) T n-Hexatriacontane (C36)	20.507	919020	6.353 ug/ml
21) T n-Octatriacontane (C38)	21.262	747858	5.942 ug/ml
22) T n-Tetracontane (C40)	22.209	655889	5.673 ug/ml

(f)=RT Delta > 1/2 Window

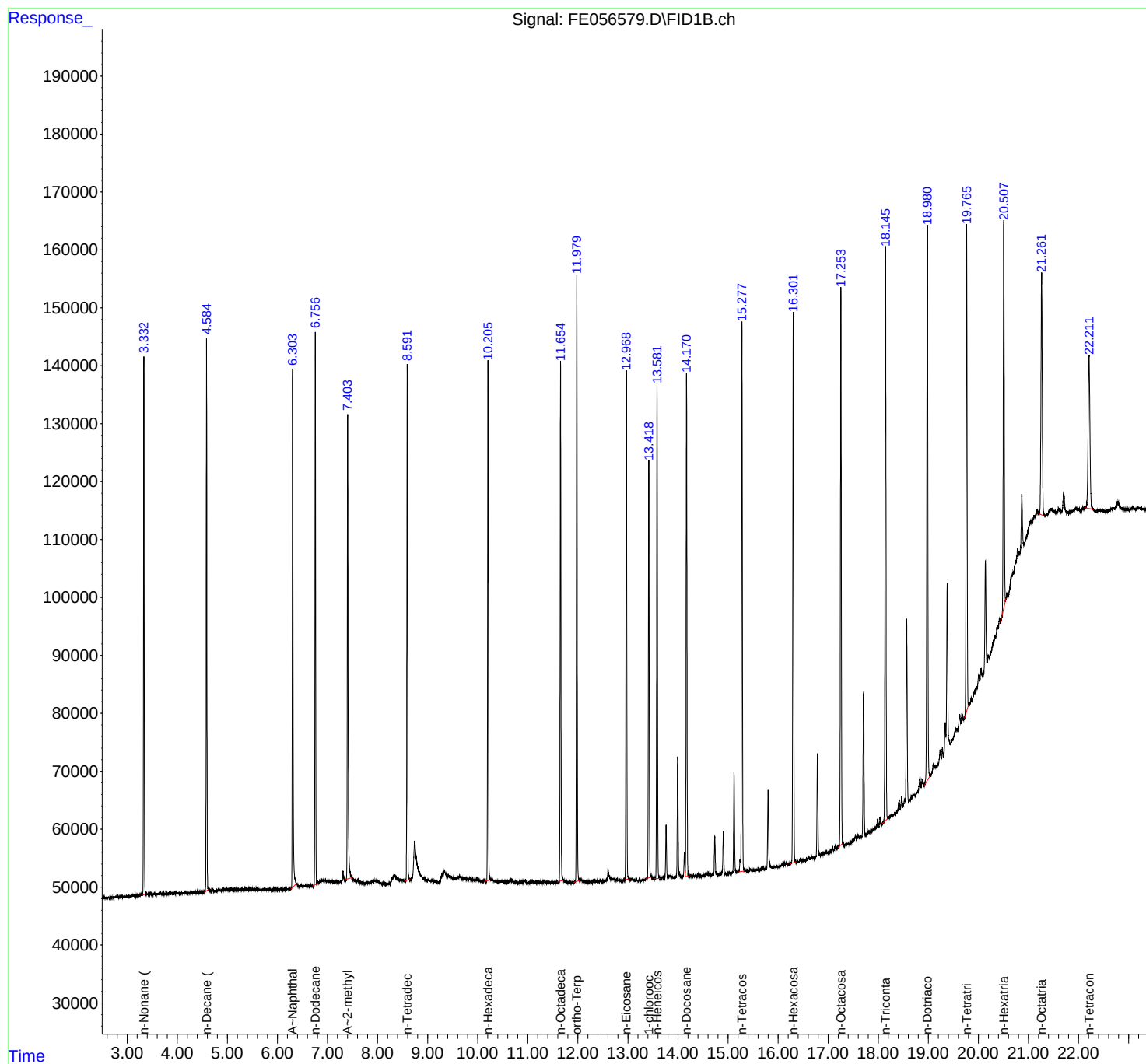
(m)=manual int.

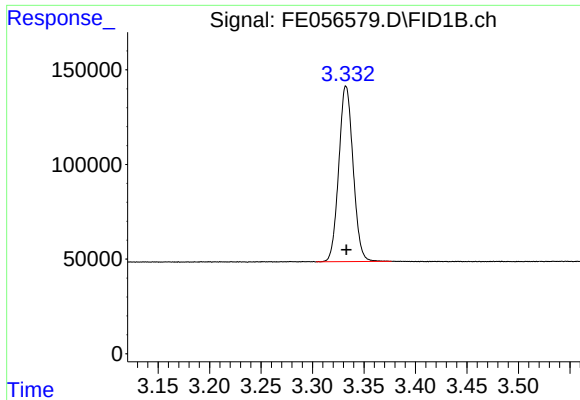
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056579.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 12:21
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 30 12:48:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:47:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

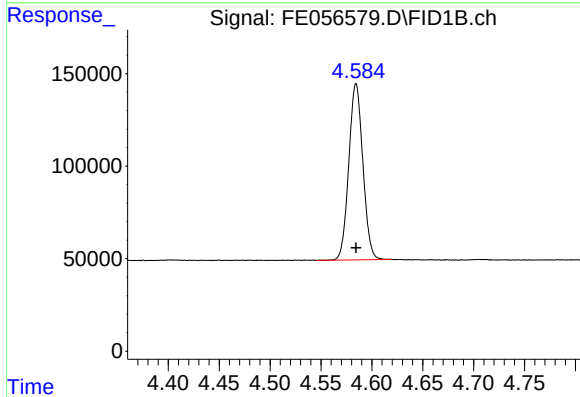




#1 n-Nonane (C9)

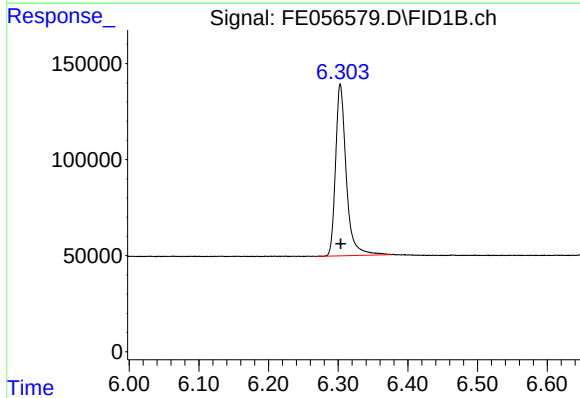
R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 897930
Conc: 5.35 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



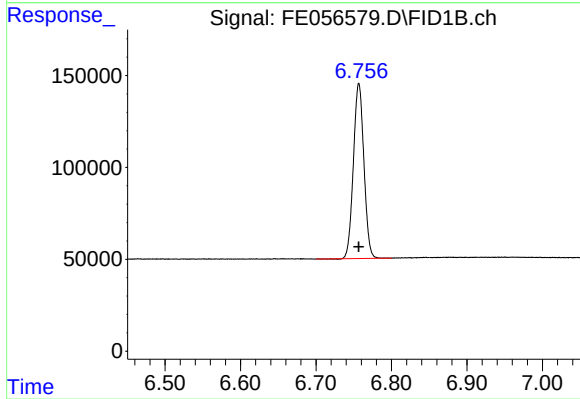
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 917558
Conc: 5.35 ug/ml



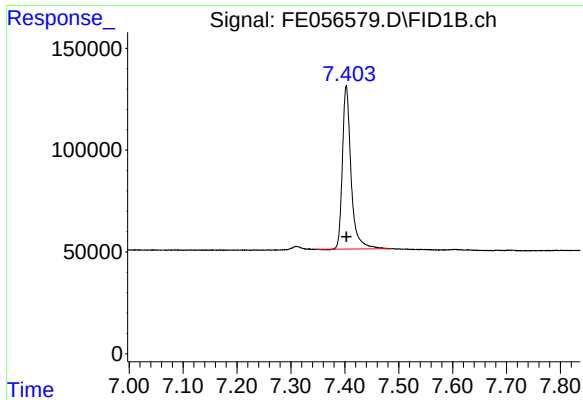
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 951651
Conc: 5.16 ug/ml



#4 n-Dodecane (C12)

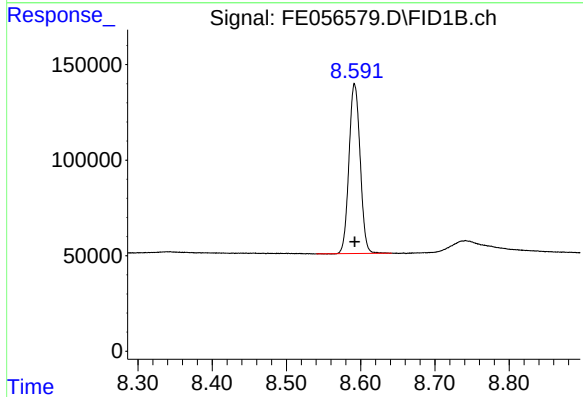
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 919808
Conc: 5.29 ug/ml



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

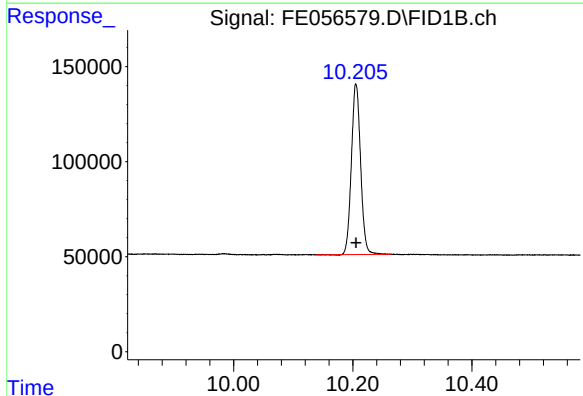
R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 894288
Conc: 5.05 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



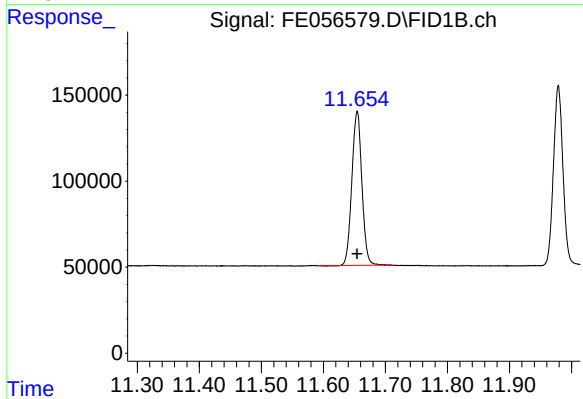
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 925756
Conc: 5.30 ug/ml



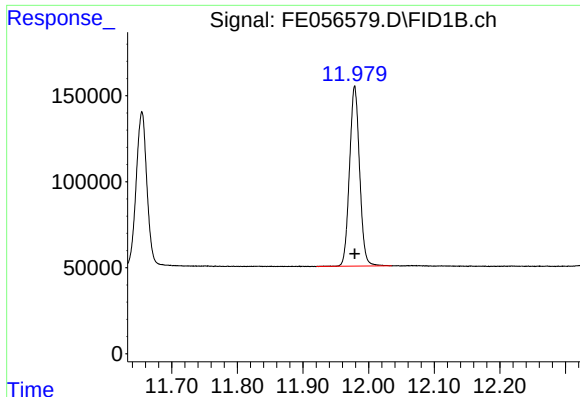
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: 0.000 min
Response: 963615
Conc: 5.27 ug/ml



#8 n-Octadecane (C18)

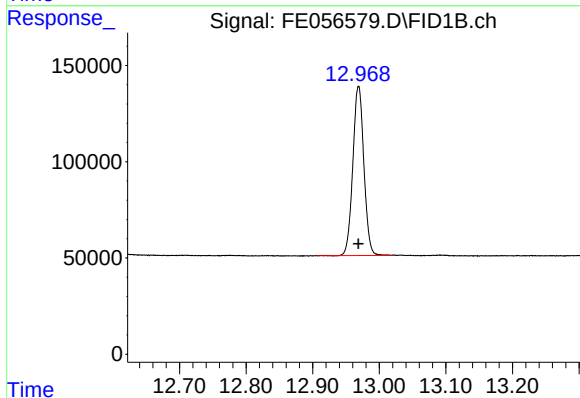
R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 1006643
Conc: 5.32 ug/ml



#9 ortho-Terphenyl (SURR)

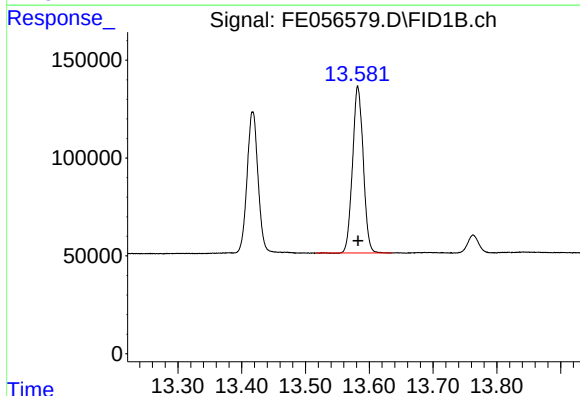
R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 1115676
Conc: 5.34 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



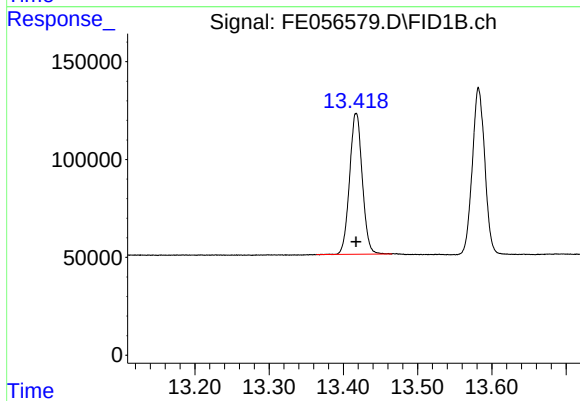
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 1012155
Conc: 5.43 ug/ml



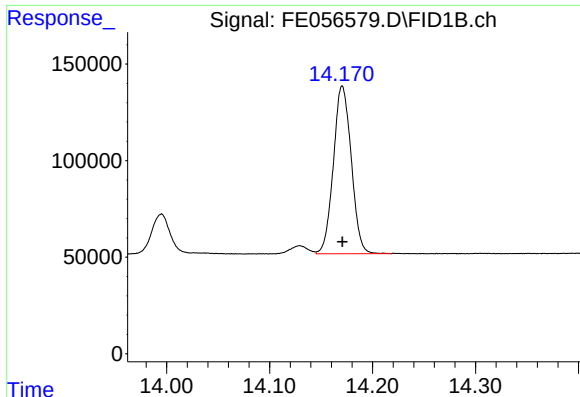
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.000 min
Response: 993871
Conc: 5.40 ug/ml



#12 1-chlorooctadecane (SURR)

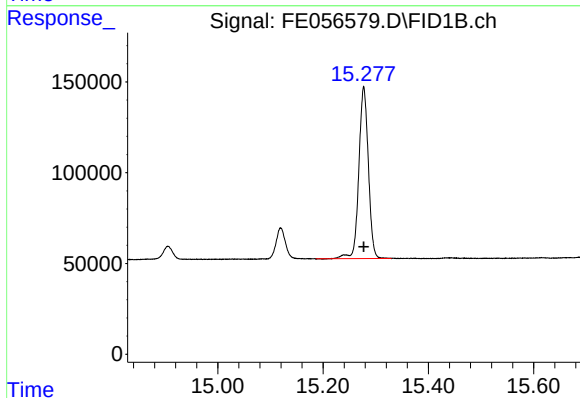
R.T.: 13.417 min
Delta R.T.: 0.000 min
Response: 853728
Conc: 5.30 ug/ml



#13 n-Docosane (C22)

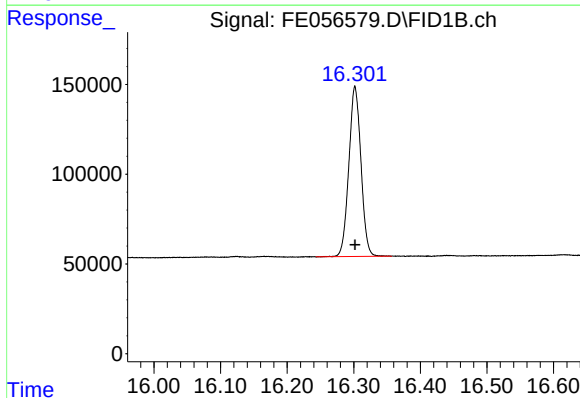
R.T.: 14.171 min
Delta R.T.: 0.000 min
Response: 1047683
Conc: 5.60 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



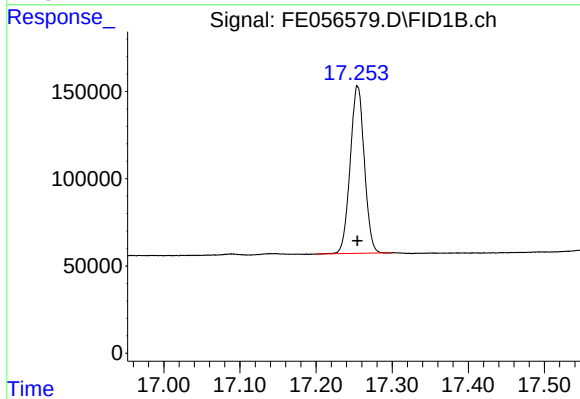
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.000 min
Response: 1186109
Conc: 6.06 ug/ml



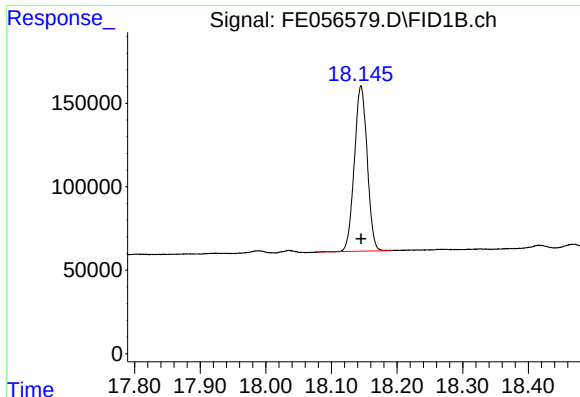
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.000 min
Response: 1195552
Conc: 6.15 ug/ml



#16 n-Octacosane (C28)

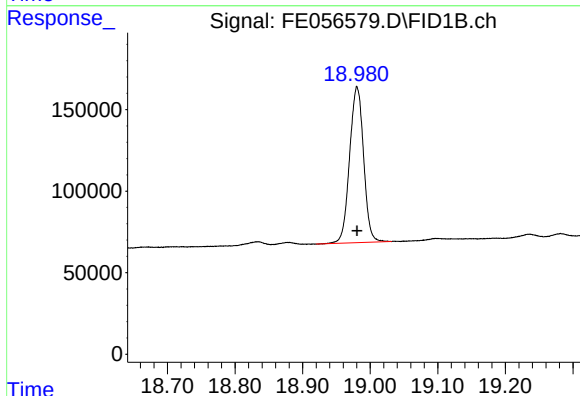
R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 1236772
Conc: 6.39 ug/ml



#17 n-Tricontane (C30)

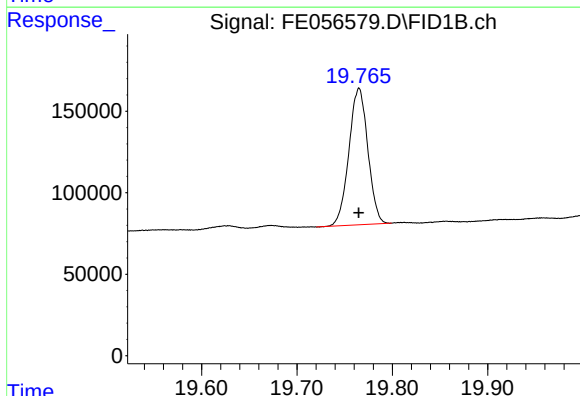
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 1343777
Conc: 6.70 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



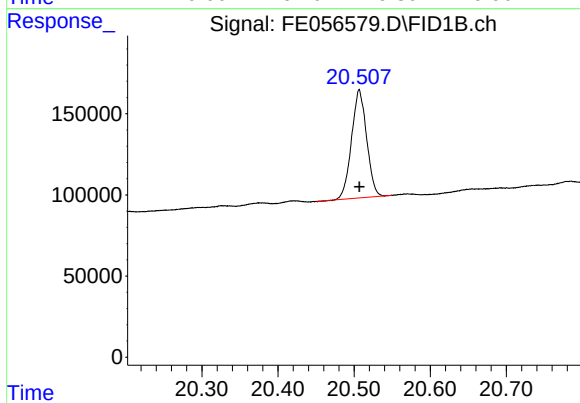
#18 n-Dotriacontane (C32)

R.T.: 18.981 min
Delta R.T.: 0.000 min
Response: 1374204
Conc: 6.99 ug/ml



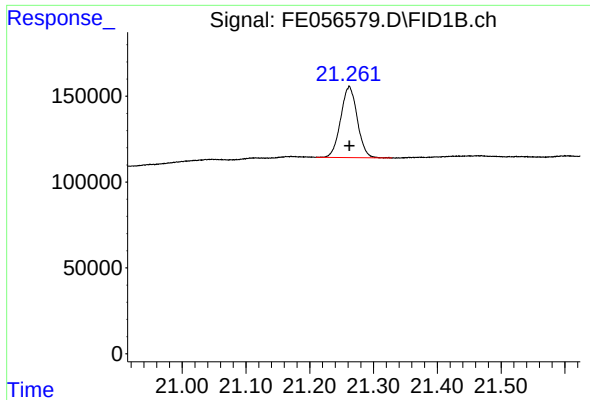
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.000 min
Response: 1156477
Conc: 6.70 ug/ml



#20 n-Hexatriacontane (C36)

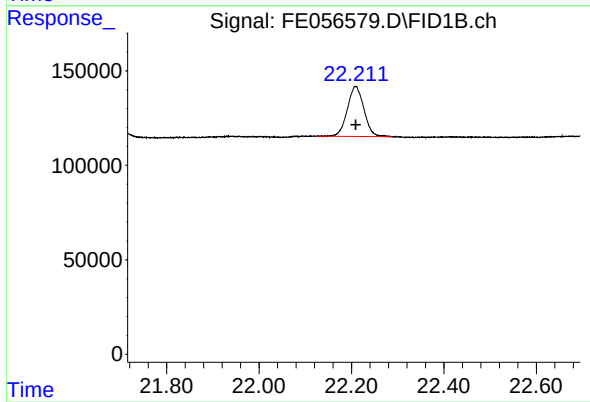
R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 919020
Conc: 6.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 747858
Conc: 5.94 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.000 min
Response: 655889
Conc: 5.67 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056579.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 12:21
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.333	3.303	3.377	BB	92471	897930	65.34%	4.024%
2	4.585	4.545	4.619	BBA	95384	917558	66.77%	4.112%
3	6.303	6.268	6.377	BB	88968	951651	69.25%	4.264%
4	6.757	6.700	6.800	BB	95428	919808	66.93%	4.122%
5	7.403	7.347	7.487	BB	80203	894288	65.08%	4.007%
6	8.592	8.540	8.642	BB	88772	925756	67.37%	4.148%
7	10.206	10.138	10.265	BB	89800	963615	70.12%	4.318%
8	11.654	11.588	11.710	BB	89973	1006643	73.25%	4.511%
9	11.979	11.920	12.035	BB	104613	1115676	81.19%	4.999%
10	12.969	12.905	13.018	BB	87940	1012155	73.65%	4.536%
11	13.417	13.363	13.465	BB	72050	853728	62.13%	3.826%
12	13.582	13.517	13.635	BB	85261	993871	72.32%	4.454%
13	14.171	14.145	14.218	VB	86814	1047683	76.24%	4.695%
14	15.277	15.187	15.330	BB	94557	1186109	86.31%	5.315%
15	16.302	16.243	16.357	BB	94717	1195552	87.00%	5.357%
16	17.255	17.200	17.299	BBA	95523	1236772	90.00%	5.542%
17	18.145	18.077	18.192	BB	99085	1343777	97.79%	6.022%
18	18.981	18.920	19.032	BB	95776	1374204	100.00%	6.158%
19	19.765	19.720	19.799	BBA	84124	1156477	84.16%	5.182%
20	20.507	20.450	20.549	BBA	66647	919020	66.88%	4.118%
21	21.262	21.210	21.328	BB	41776	747858	54.42%	3.351%
22	22.209	22.123	22.287	BB	26317	655889	47.73%	2.939%
Sum of corrected areas:							22316018	

Aliphatic EPH 103025.M Thu Oct 30 12:59:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056580.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 12:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 30 13:21:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.979	3698663	17.704 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
12) S 1-chlorooctadecane (S...	13.417	2853138	17.708 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
Target Compounds			
1) T n-Nonane (C9)	3.331	2974720	17.711 ug/ml
2) T n-Decane (C10)	4.584	3032863	17.675 ug/ml
3) T A~Naphthalene (C11.7)	6.301	3268504	17.707 ug/ml
4) T n-Dodecane (C12)	6.757	3080927	17.714 ug/ml
5) T A~2-methylnaphthalene...	7.401	3138399	17.709 ug/ml
6) T n-Tetradecane (C14)	8.592	3087511	17.688 ug/ml
7) T n-Hexadecane (C16)	10.206	3246411	17.744 ug/ml
8) T n-Octadecane (C18)	11.655	3352800	17.714 ug/ml
10) T n-Eicosane (C20)	12.969	3290342	17.656 ug/ml
11) T n-Heneicosane (C21)	13.583	3256292	17.709 ug/ml
13) T n-Docosane (C22)	14.171	3252345	17.374 ug/ml
14) T n-Tetracosane (C24)	15.279	3265557	16.673 ug/ml
15) T n-Hexacosane (C26)	16.303	3203978	16.487 ug/ml
16) T n-Octacosane (C28)	17.256	3101810	16.017 ug/ml
17) T n-Tricontane (C30)	18.145	3129479	15.609 ug/ml
18) T n-Dotriacontane (C32)	18.980	2966227	15.084 ug/ml
19) T n-Tetratriacontane (C34)	19.765	2678828	15.520 ug/ml
20) T n-Hexatriacontane (C36)	20.508	2321116	16.046 ug/ml
21) T n-Octatriacontane (C38)	21.262	2080984	16.534 ug/ml
22) T n-Tetracontane (C40)	22.209	1952947	16.892 ug/ml

(f)=RT Delta > 1/2 Window

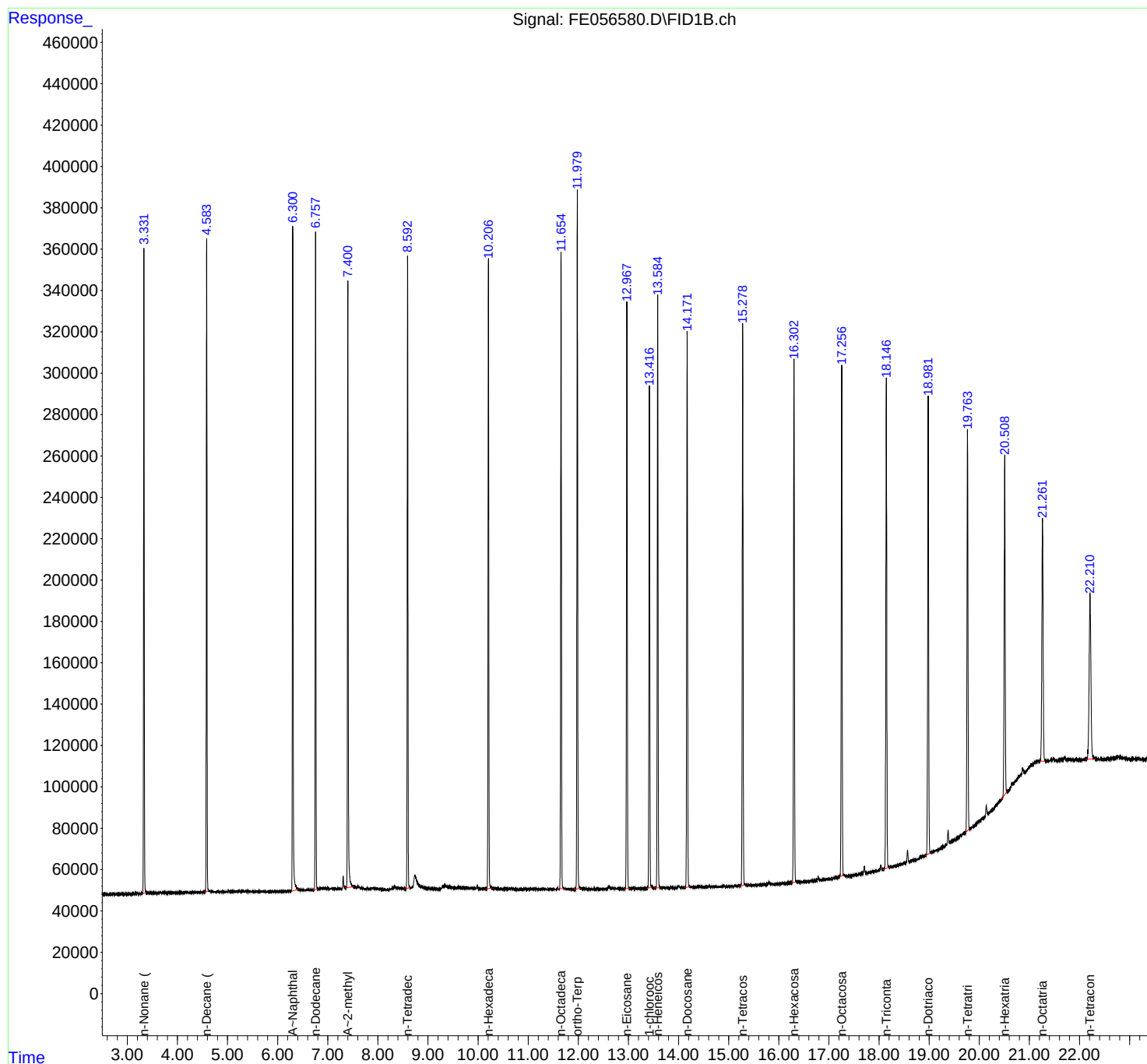
(m)=manual int.

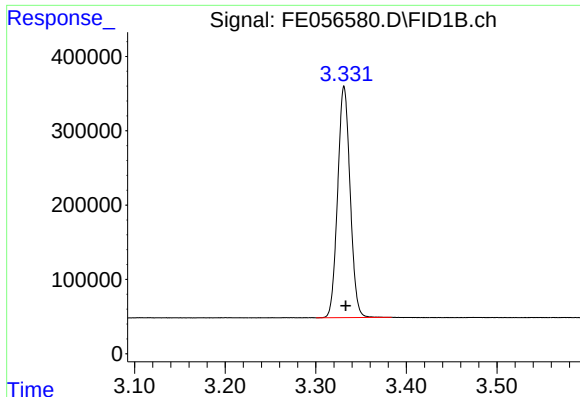
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056580.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 12:51
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 30 13:21:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

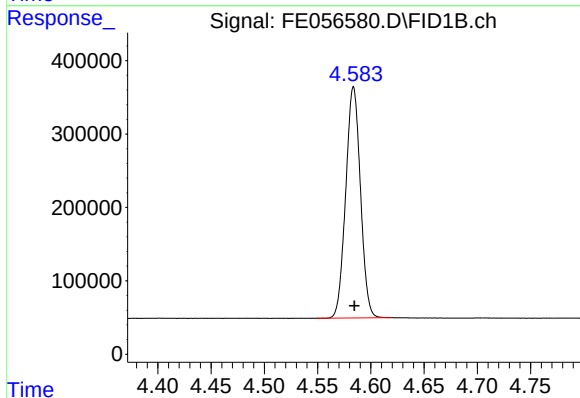
R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 2974720
Conc: 17.71 ug/ml

Instrument :

FID_E

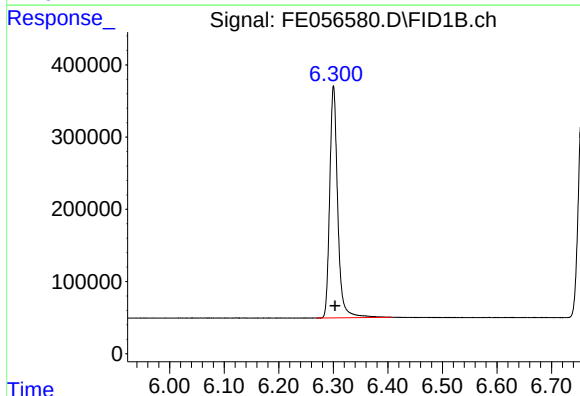
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



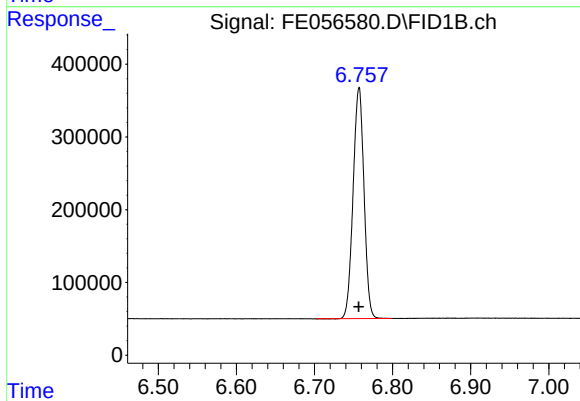
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 3032863
Conc: 17.67 ug/ml



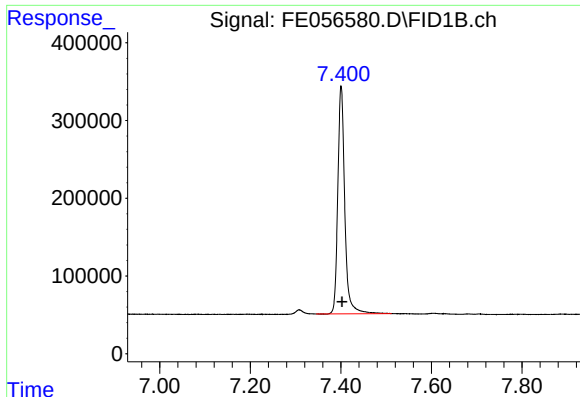
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.003 min
Response: 3268504
Conc: 17.71 ug/ml



#4 n-Dodecane (C12)

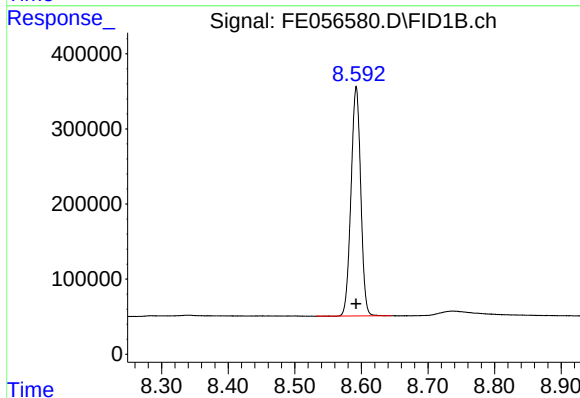
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 3080927
Conc: 17.71 ug/ml



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

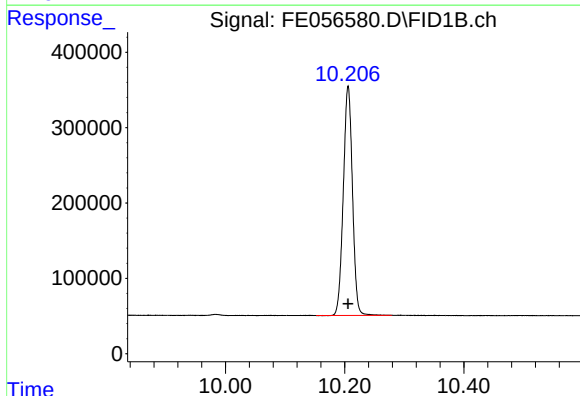
R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 3138399
Conc: 17.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



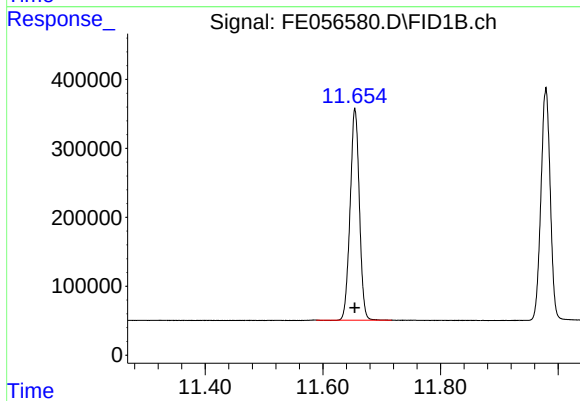
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 3087511
Conc: 17.69 ug/ml



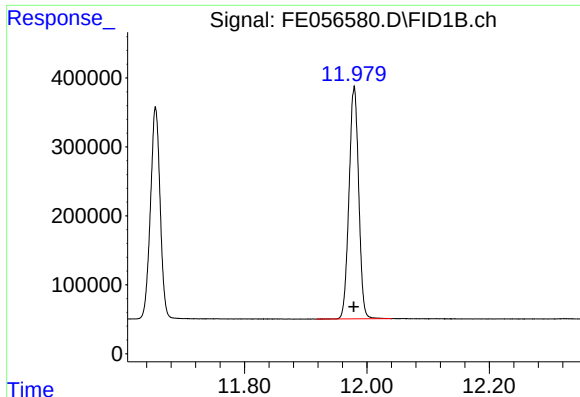
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: 0.000 min
Response: 3246411
Conc: 17.74 ug/ml



#8 n-Octadecane (C18)

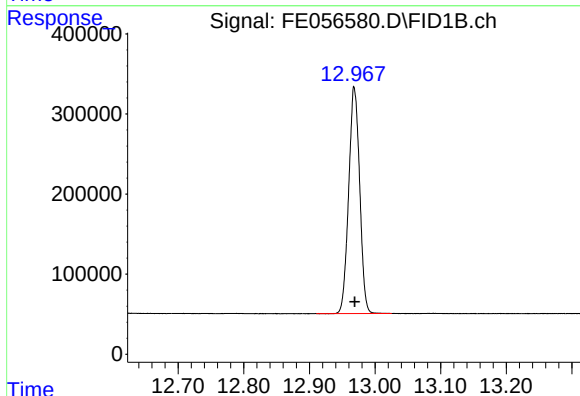
R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 3352800
Conc: 17.71 ug/ml



#9 ortho-Terphenyl (SURR)

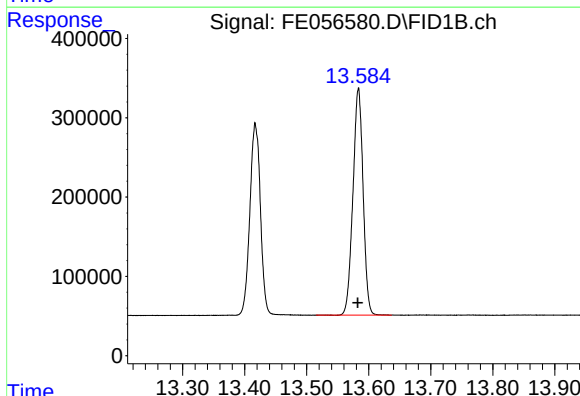
R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 3698663
Conc: 17.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



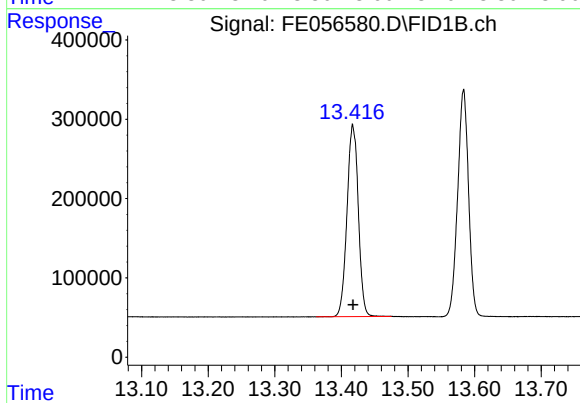
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 3290342
Conc: 17.66 ug/ml



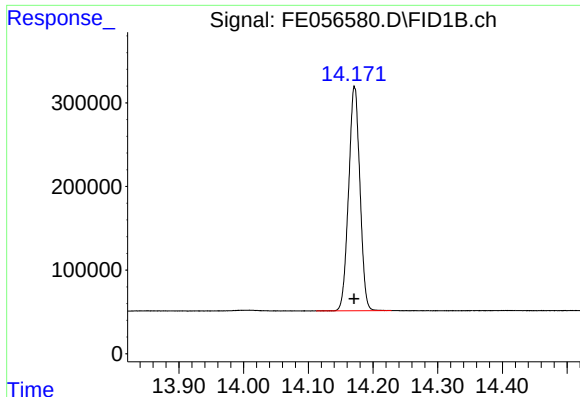
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.001 min
Response: 3256292
Conc: 17.71 ug/ml



#12 1-chlorooctadecane (SURR)

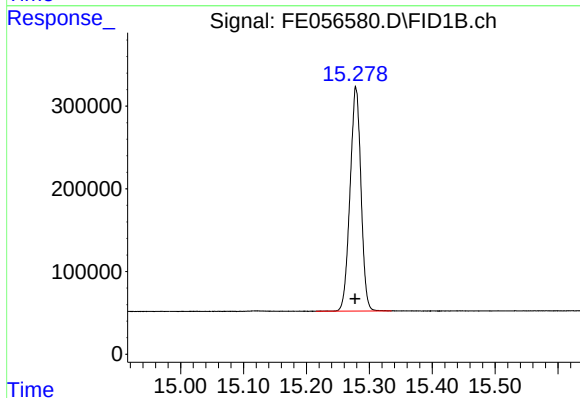
R.T.: 13.417 min
Delta R.T.: 0.000 min
Response: 2853138
Conc: 17.71 ug/ml



#13 n-Docosane (C22)

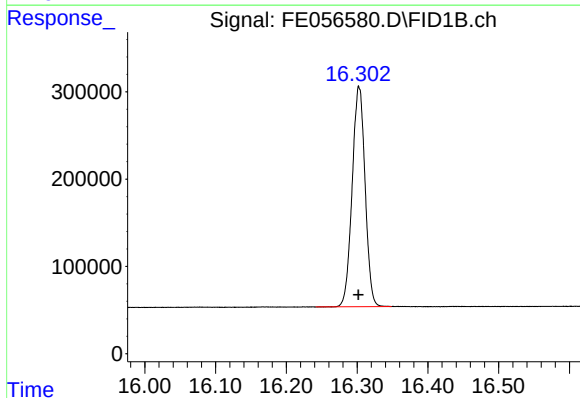
R.T.: 14.171 min
Delta R.T.: 0.000 min
Response: 3252345
Conc: 17.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



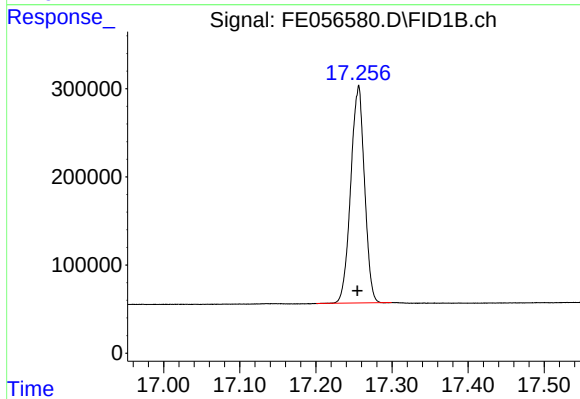
#14 n-Tetracosane (C24)

R.T.: 15.279 min
Delta R.T.: 0.001 min
Response: 3265557
Conc: 16.67 ug/ml



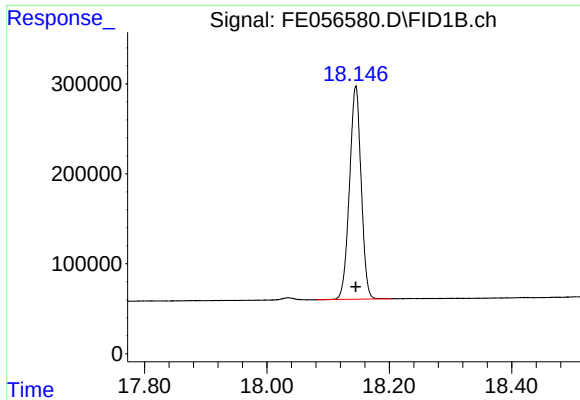
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: 0.000 min
Response: 3203978
Conc: 16.49 ug/ml



#16 n-Octacosane (C28)

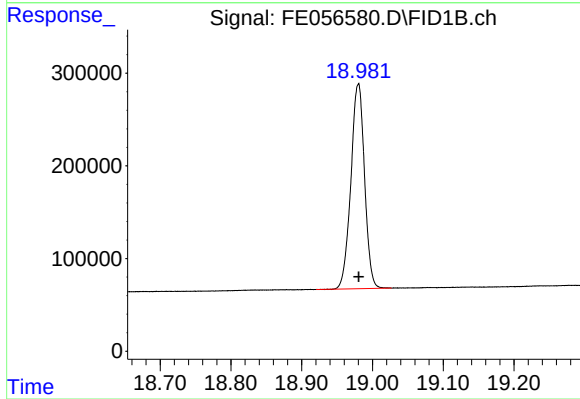
R.T.: 17.256 min
Delta R.T.: 0.001 min
Response: 3101810
Conc: 16.02 ug/ml



#17 n-Tricontane (C30)

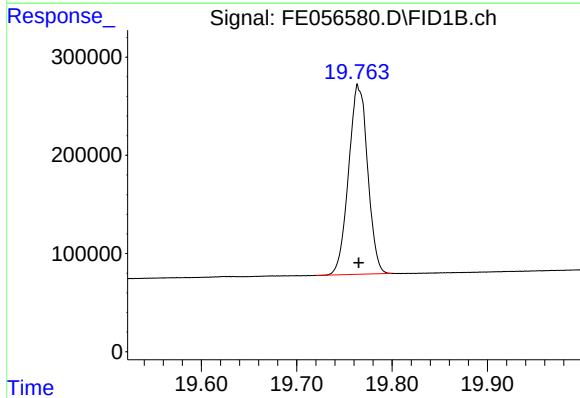
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 3129479
Conc: 15.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



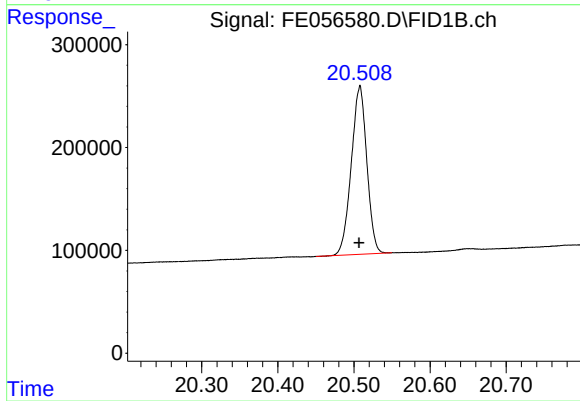
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.000 min
Response: 2966227
Conc: 15.08 ug/ml



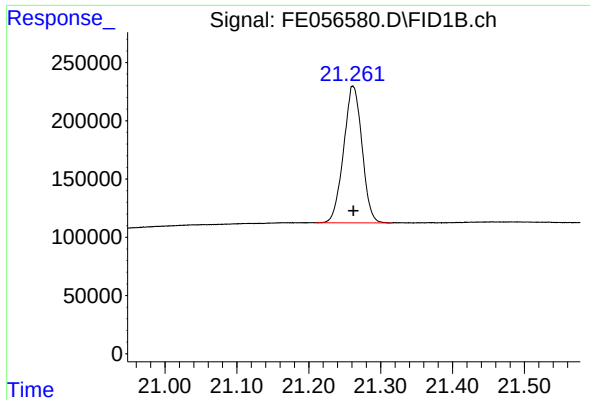
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.000 min
Response: 2678828
Conc: 15.52 ug/ml



#20 n-Hexatriacontane (C36)

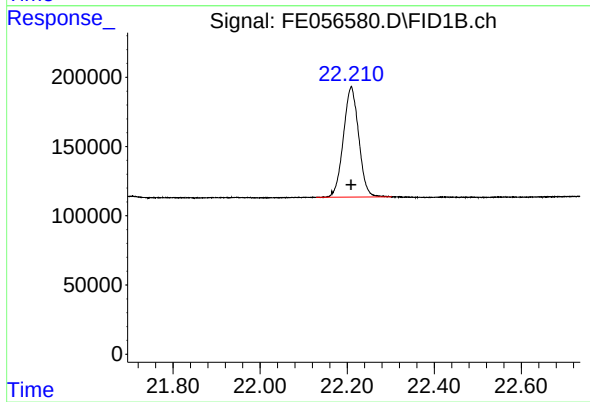
R.T.: 20.508 min
Delta R.T.: 0.000 min
Response: 2321116
Conc: 16.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 2080984
Conc: 16.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.000 min
Response: 1952947
Conc: 16.89 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056580.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 12:51
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.331	3.300	3.384	BB	310481	2974720	80.43%	4.491%
2	4.584	4.549	4.620	BBA	315244	3032863	82.00%	4.579%
3	6.301	6.269	6.407	BB	321401	3268504	88.37%	4.935%
4	6.757	6.702	6.799	BB	318158	3080927	83.30%	4.652%
5	7.401	7.345	7.512	BB	293420	3138399	84.85%	4.738%
6	8.592	8.532	8.645	BB	305141	3087511	83.48%	4.662%
7	10.206	10.152	10.279	BB	304154	3246411	87.77%	4.901%
8	11.655	11.589	11.717	BB	305409	3352800	90.65%	5.062%
9	11.979	11.917	12.040	BB	334249	3698663	100.00%	5.584%
10	12.969	12.910	13.025	BB	280820	3290342	88.96%	4.968%
11	13.417	13.362	13.475	BB	241413	2853138	77.14%	4.308%
12	13.583	13.515	13.637	BB	286535	3256292	88.04%	4.916%
13	14.171	14.112	14.229	BB	266967	3252345	87.93%	4.910%
14	15.279	15.215	15.335	BB	270242	3265557	88.29%	4.930%
15	16.303	16.242	16.349	BB	253168	3203978	86.63%	4.837%
16	17.256	17.200	17.300	BBA	243564	3101810	83.86%	4.683%
17	18.145	18.080	18.204	BB	236990	3129479	84.61%	4.725%
18	18.980	18.920	19.027	BB	221501	2966227	80.20%	4.478%
19	19.765	19.720	19.800	BBA	187610	2678828	72.43%	4.044%
20	20.508	20.450	20.550	BBA	162660	2321116	62.76%	3.504%
21	21.262	21.210	21.315	BB	117144	2080984	56.26%	3.142%
22	22.209	22.129	22.302	BB	79731	1952947	52.80%	2.949%
Sum of corrected areas:						66233841		

Aliphatic EPH 103025.M Thu Oct 30 13:22:51 2025

Initial Calibration Report for SequenceID : FF102925AR

AreaCount

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	24131913.000	13386713.000	5040685.000	2667636.000	1458921.000	
Aromatic C12-C16	37802464.000	20995951.000	7841716.000	4071240.000	2151729.000	
Aromatic C16-C21	49515248.000	27355440.000	10200929.000	5383694.000	2920927.000	
Aromatic C21-C36	93883793.000	53603904.000	20060725.000	10856127.000	5977071.000	
Aromatic EPH	205333418.000	115342008.000	43144055.000	22978697.000	12508648.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	131963.544	7.217				
Aromatic C12-C16	135166.617333	5.177				
Aromatic C16-C21	133743.1265	6.467				
Aromatic C21-C36	117666.2035552	9.089				
Aromatic EPH	125744.1821106	7.5				

Concentration

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.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	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	120659.565000	133867.130000	126017.125000	133381.800000	145892.100000	
Aromatic C12-C16	126008.213333	139973.006666	130695.266666	135708.000000	143448.600000	
Aromatic C16-C21	123788.120000	136777.200000	127511.612500	134592.350000	146046.350000	
Aromatic C21-C36	104315.325555	119119.786666	111448.472222	120623.633333	132823.800000	
Aromatic EPH	114074.121111	128157.786666	119844.597222	127659.427777	138984.977777	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016612.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 15:04
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 29 15:55:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:51:42 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...	8.017	5987561	52.255 ug/ml
Spiked Amount 50.000		Recovery =	104.51%
6) S 2-Fluorobiphenyl (SURR)	8.893	4035516	53.378 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.76%
11) S ortho-Terphenyl (SURR)	11.962	7245778	51.186 ug/ml
Spiked Amount 50.000		Recovery =	102.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	6543360	51.154 ug/ml
2) T Naphthalene (C11.7)	6.287	6843353	51.856 ug/ml
3) T 2-Methylnaphthalene (...)	7.388	6955435	51.758 ug/ml
5) T Acenaphthylene (C15.06)	8.694	6984740	51.897 ug/ml
7) T Acenaphthene (C15.5)	8.994	7055776	51.491 ug/ml
8) T Flouorene (C16.55)	9.784	6979677	52.782 ug/ml
9) T Phenanthrene (C19.36)	11.192	6933100	52.348 ug/ml
10) T Anthracene (C19.43)	11.268	6604049	50.849 ug/ml
12) T Fluoranthene (C21.85)	13.018	6975807	51.676 ug/ml
13) T Pyrene (C20.8)	13.316	6838614	51.026 ug/ml
14) T Benzo[a]anthracene (C...	15.202	6241470	53.055 ug/ml
15) T Chrysene (C27.41)	15.246	6734759	50.148 ug/ml
16) T benzo[b]fluoranthene ...	16.766	5979248	52.747 ug/ml
17) T Bnezo[k]fluoranthene ...	16.800	5820471	50.127 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.148	5675030	51.926 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.524	4821591	54.464 ug/ml
20) T Dibenz[a,h]anthracene...	18.563	5987921	49.889 ug/ml
21) T Benzo[g,h,i]perylene ...	18.782	5367607	51.955 ug/ml

(f)=RT Delta > 1/2 Window

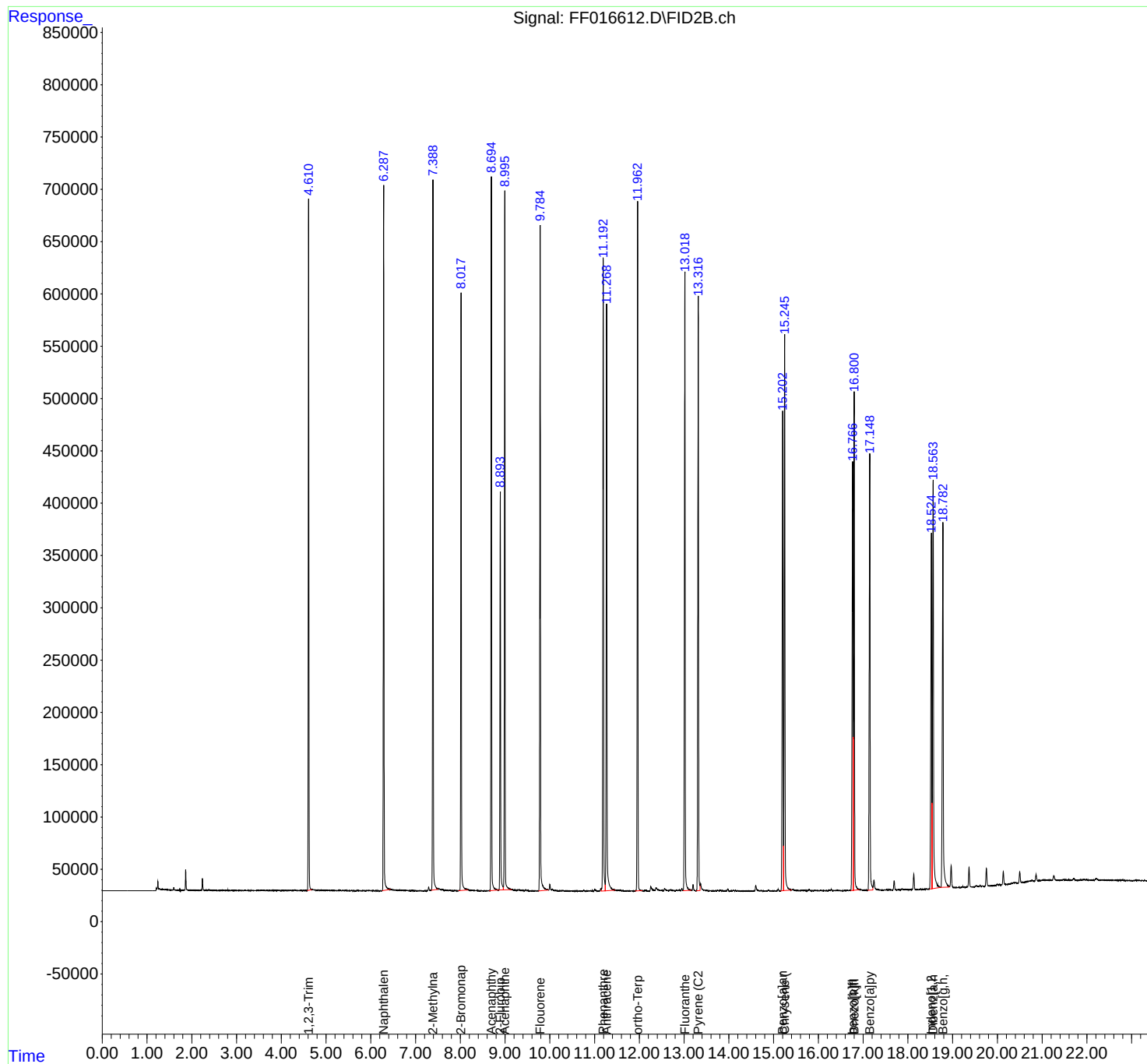
(m)=manual int.

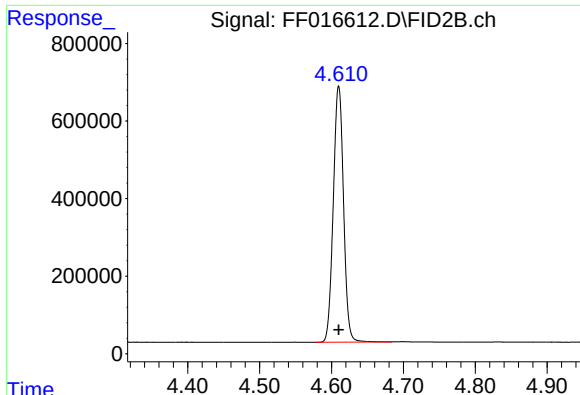
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016612.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 15:04
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 29 15:55:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 15:51:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

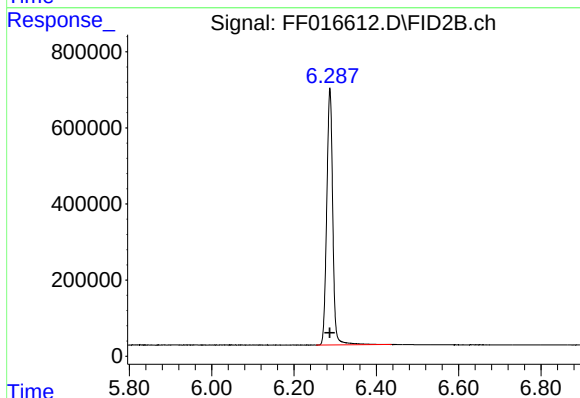




#1 1,2,3-Trimethylbenzene (C10.1)

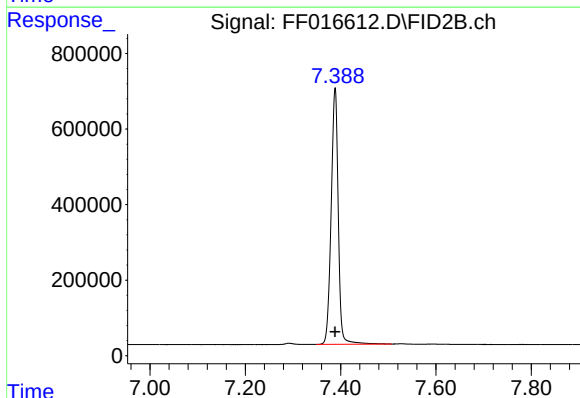
R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 6543360
Conc: 51.15 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



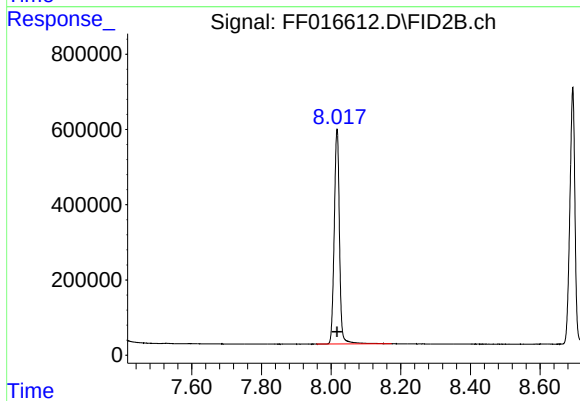
#2 Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 6843353
Conc: 51.86 ug/ml



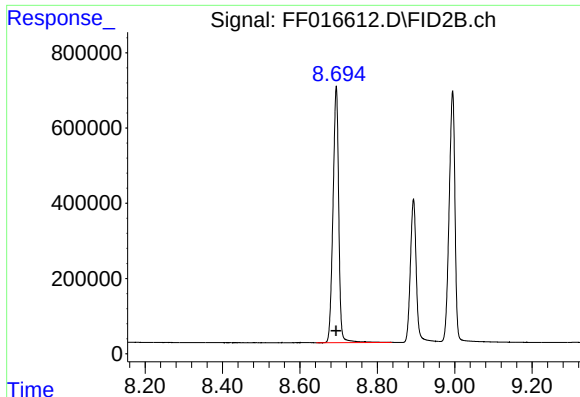
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 6955435
Conc: 51.76 ug/ml



#4 2-Bromonaphthalene (SURR)

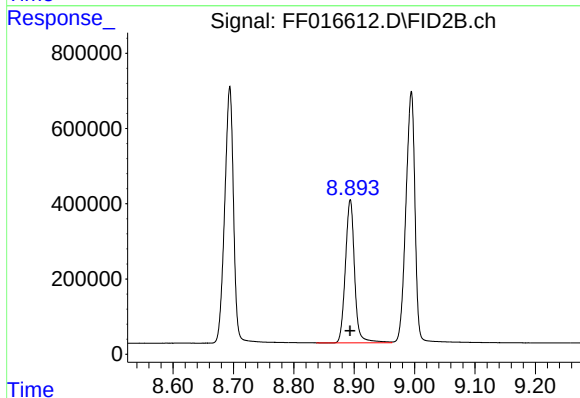
R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 5987561
Conc: 52.25 ug/ml



#5 Acenaphthylene (C15.06)

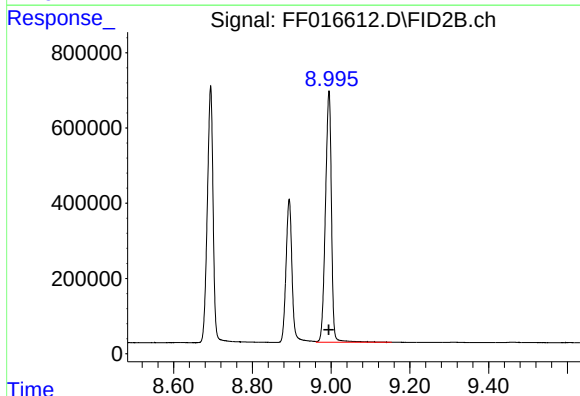
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 6984740
Conc: 51.90 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



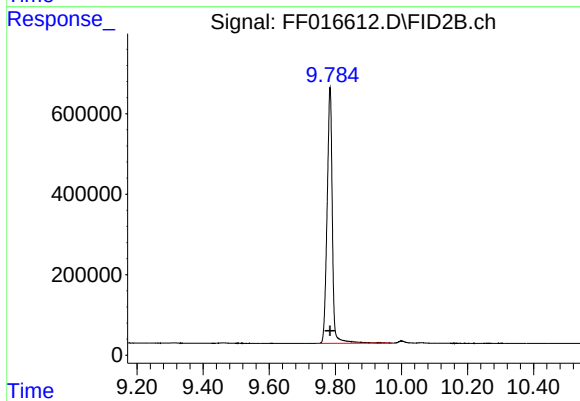
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.893 min
Delta R.T.: 0.000 min
Response: 4035516
Conc: 53.38 ug/ml



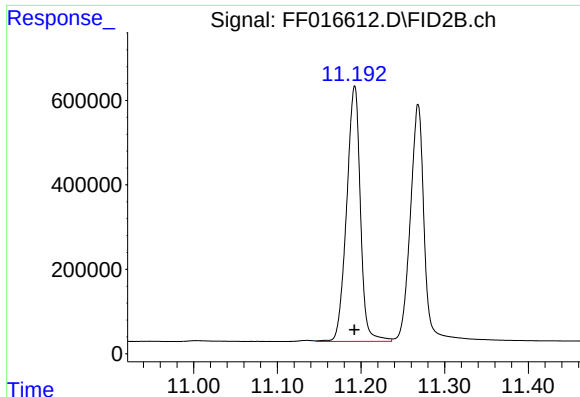
#7 Acenaphthene (C15.5)

R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 7055776
Conc: 51.49 ug/ml



#8 Fluorene (C16.55)

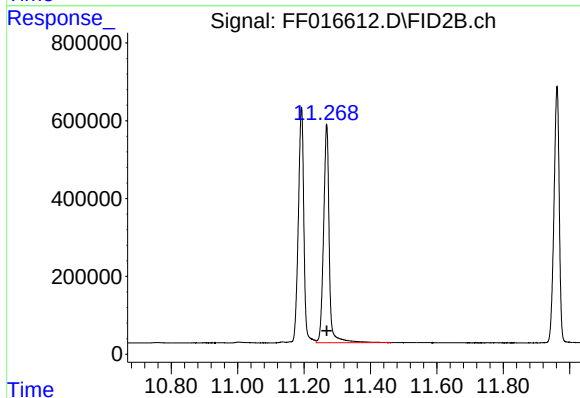
R.T.: 9.784 min
Delta R.T.: 0.000 min
Response: 6979677
Conc: 52.78 ug/ml



#9 Phenanthrene (C19.36)

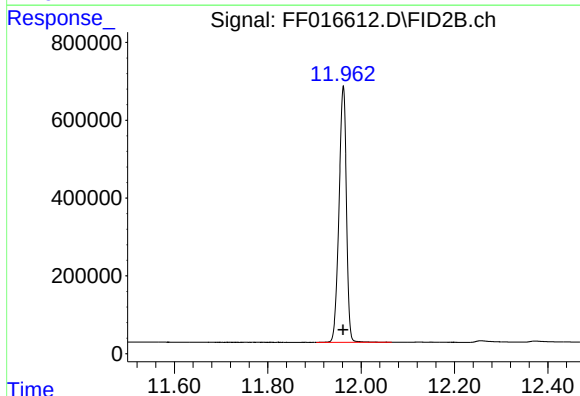
R.T.: 11.192 min
Delta R.T.: 0.000 min
Response: 6933100
Conc: 52.35 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



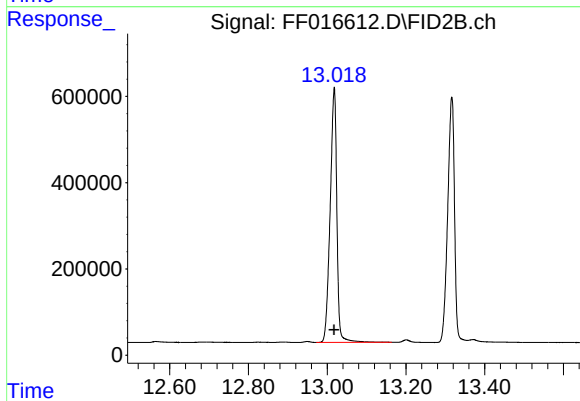
#10 Anthracene (C19.43)

R.T.: 11.268 min
Delta R.T.: 0.000 min
Response: 6604049
Conc: 50.85 ug/ml



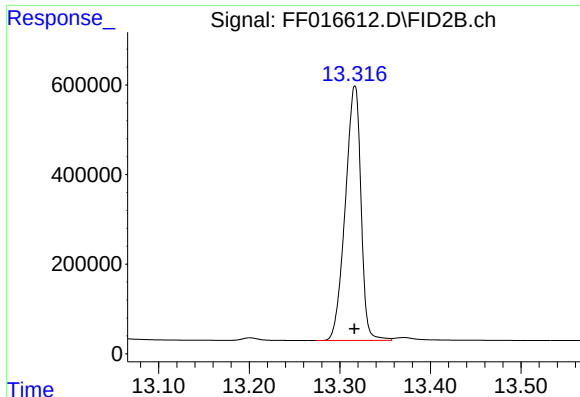
#11 ortho-Terphenyl (SURR)

R.T.: 11.962 min
Delta R.T.: 0.000 min
Response: 7245778
Conc: 51.19 ug/ml



#12 Fluoranthene (C21.85)

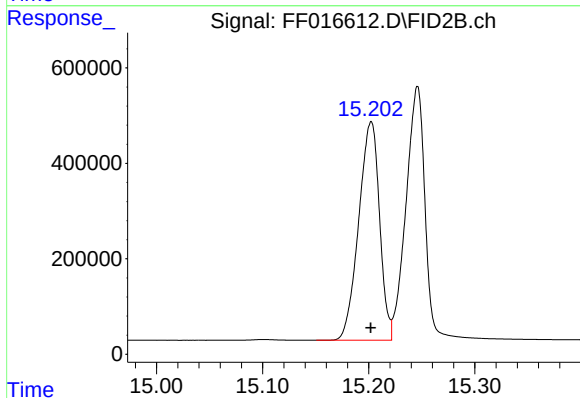
R.T.: 13.018 min
Delta R.T.: 0.000 min
Response: 6975807
Conc: 51.68 ug/ml



#13 Pyrene (C20.8)

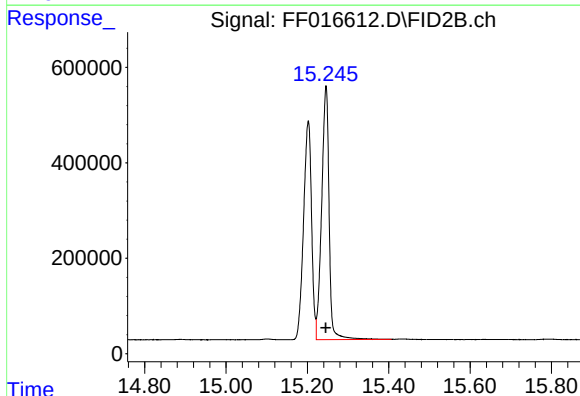
R.T.: 13.316 min
Delta R.T.: 0.000 min
Response: 6838614
Conc: 51.03 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



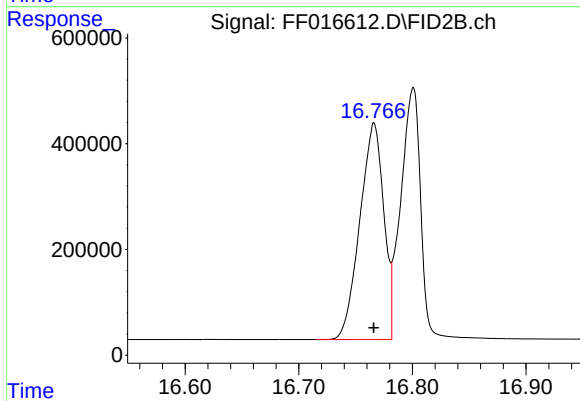
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 6241470
Conc: 53.05 ug/ml



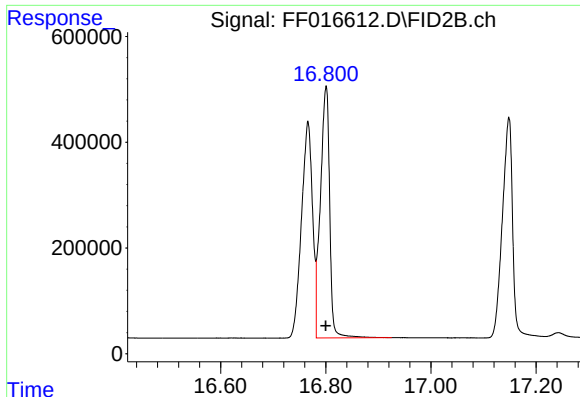
#15 Chrysene (C27.41)

R.T.: 15.246 min
Delta R.T.: 0.000 min
Response: 6734759
Conc: 50.15 ug/ml



#16 benzo[b]fluoranthene (C30.41)

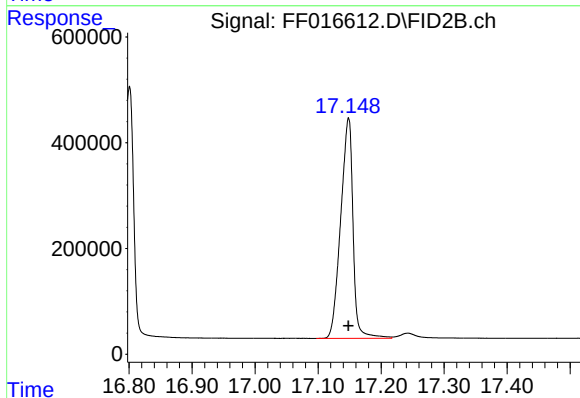
R.T.: 16.766 min
Delta R.T.: 0.000 min
Response: 5979248
Conc: 52.75 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

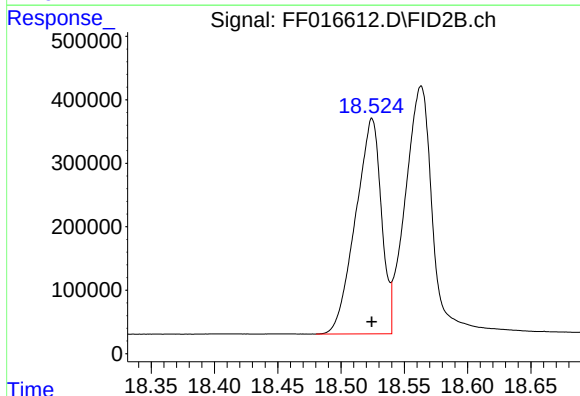
R.T.: 16.800 min
Delta R.T.: 0.000 min
Response: 5820471
Conc: 50.13 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



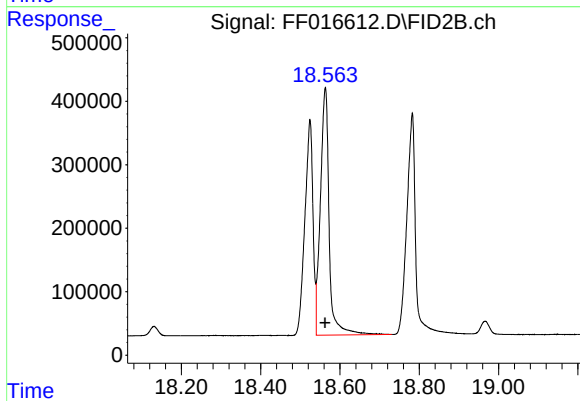
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.148 min
Delta R.T.: 0.000 min
Response: 5675030
Conc: 51.93 ug/ml



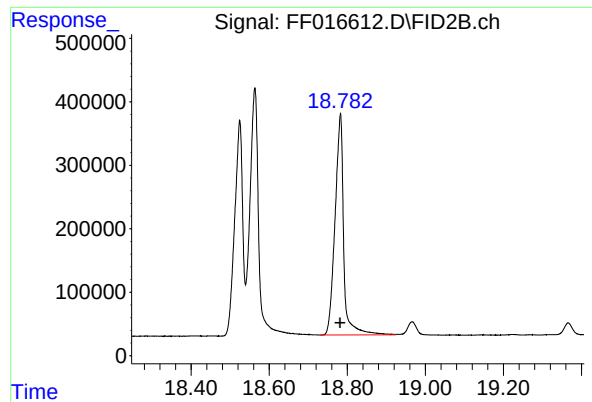
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.524 min
Delta R.T.: 0.000 min
Response: 4821591
Conc: 54.46 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.563 min
Delta R.T.: 0.000 min
Response: 5987921
Conc: 49.89 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.782 min
Delta R.T.: 0.000 min
Response: 5367607
Conc: 51.95 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016612.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 15:04
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 42 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.610	4.579	4.684	BV	660667	6543360	90.31%	4.934%
2	6.287	6.254	6.437	BB	673679	6843353	94.45%	5.160%
3	7.388	7.349	7.507	BV	682162	6955435	95.99%	5.245%
4	8.017	7.957	8.174	BB	572388	5987561	82.64%	4.515%
5	8.694	8.642	8.837	BB	681761	6984740	96.40%	5.267%
6	8.893	8.837	8.962	BV	381555	4035516	55.69%	3.043%
7	8.994	8.962	9.154	VB	665785	7055776	97.38%	5.321%
8	9.784	9.742	9.970	BB	636515	6979677	96.33%	5.263%
9	11.192	11.146	11.237	VV	606132	6933100	95.68%	5.228%
10	11.268	11.237	11.464	VB	562925	6604049	91.14%	4.980%
11	11.962	11.904	12.065	BB	660682	7245778	100.00%	5.464%
12	13.018	12.972	13.164	PB	586875	6975807	96.27%	5.260%
13	13.316	13.274	13.357	BV	569900	6838614	94.38%	5.157%
14	15.202	15.150	15.222	BV	458349	6241470	86.14%	4.707%
15	15.246	15.222	15.407	VB	533186	6734759	92.95%	5.079%
16	16.766	16.715	16.782	BV	410190	5979248	82.52%	4.509%
17	16.800	16.782	16.925	VB	476452	5820471	80.33%	4.389%
18	17.148	17.097	17.217	BV	415271	5675030	78.32%	4.279%
19	18.524	18.480	18.540	BV	340017	4821591	66.54%	3.636%
20	18.563	18.540	18.730	VBA	390013	5987921	82.64%	4.515%
21	18.782	18.730	18.924	BV	348690	5367607	74.08%	4.048%
Sum of corrected areas:						132610862		

Aromatic EPH 102925.M Thu Oct 30 03:45:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016613.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 15:34
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 29 15:52:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:51:42 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...	8.015	2188328	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.892	1409920	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.958	2764019	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.609	2499255	20.000 ug/ml
2) T Naphthalene (C11.7)	6.286	2541430	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.386	2593205	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.691	2589687	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.990	2658824	20.000 ug/ml
8) T Flouorene (C16.55)	9.780	2497592	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.188	2524485	20.000 ug/ml
10) T Anthracene (C19.43)	11.263	2553370	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.012	2609311	20.000 ug/ml
13) T Pyrene (C20.8)	13.310	2625482	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.195	2209088	20.000 ug/ml
15) T Chrysene (C27.41)	15.237	2678032	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.758	2142581	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.789	2316361	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.140	2101637	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.516	1612453	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.556	2405800	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.769	1985462	20.000 ug/ml

(f)=RT Delta > 1/2 Window

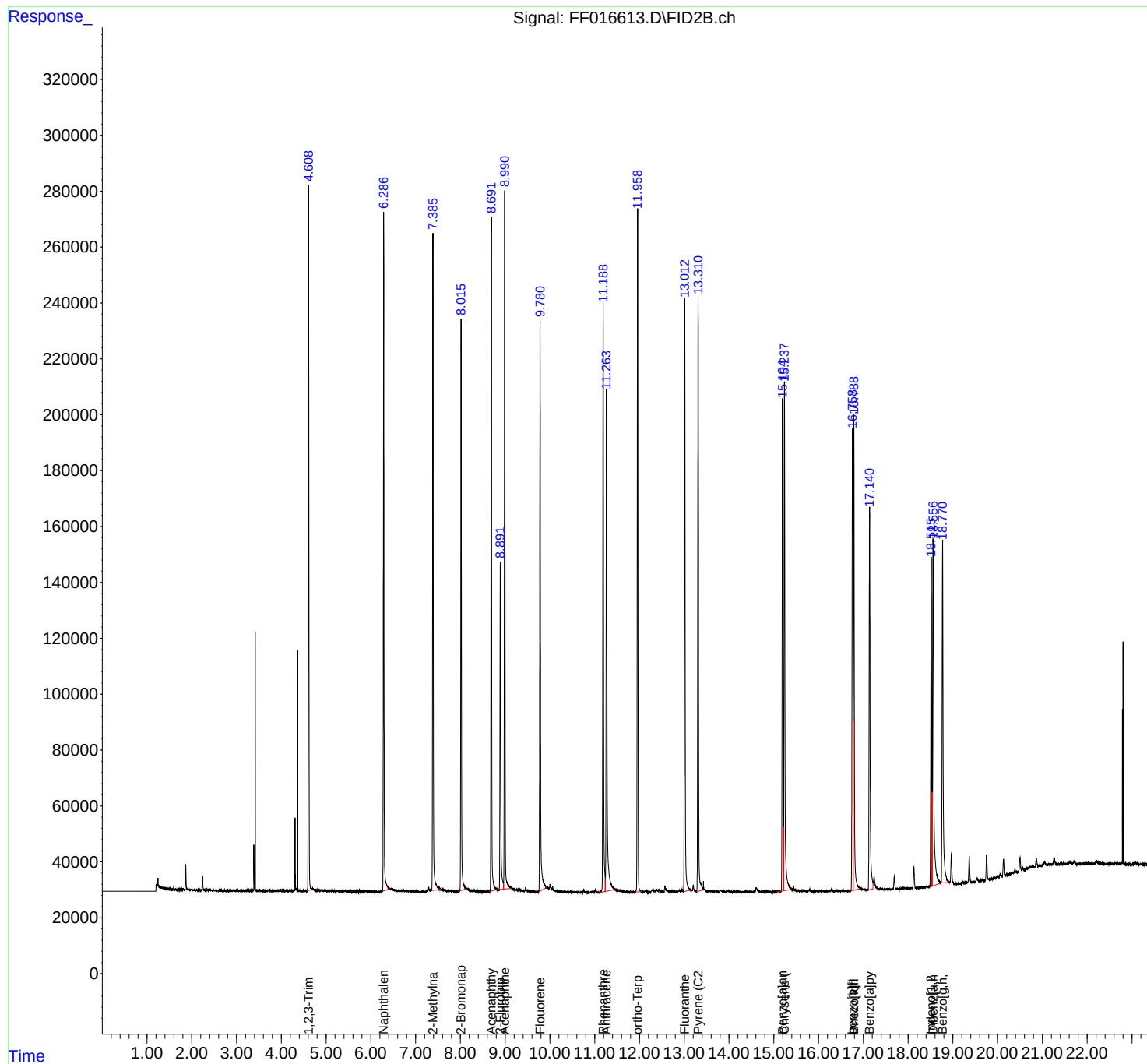
(m)=manual int.

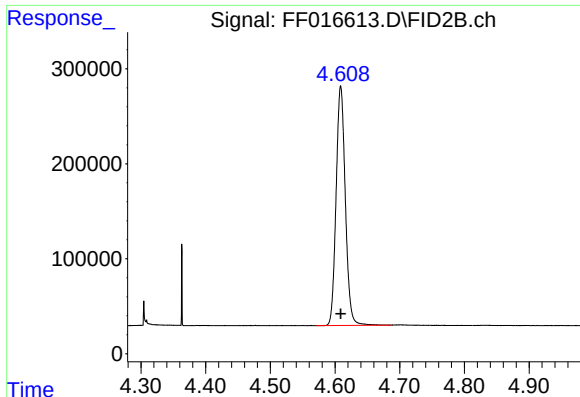
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016613.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 15:34
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 29 15:52:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 15:51:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

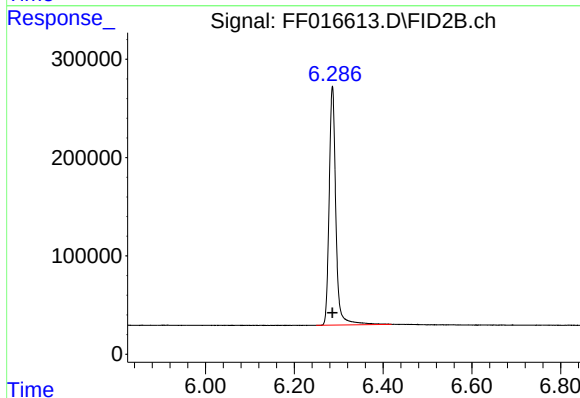




#1 1,2,3-Trimethylbenzene (C10.1)

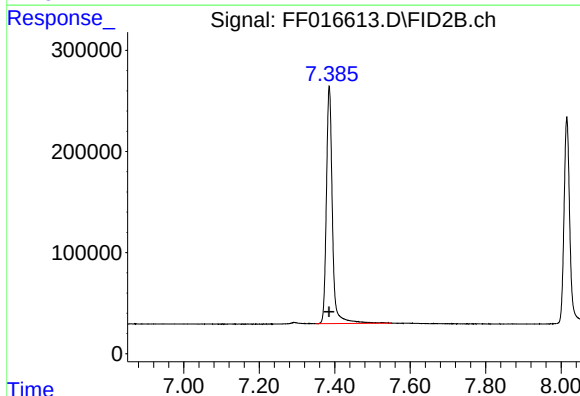
R.T.: 4.609 min
Delta R.T.: 0.000 min
Response: 2499255
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



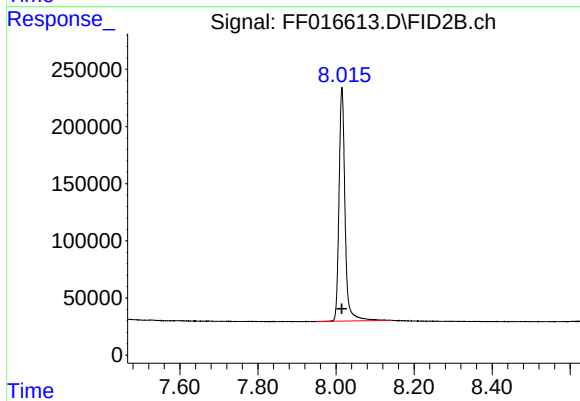
#2 Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 2541430
Conc: 20.00 ug/ml



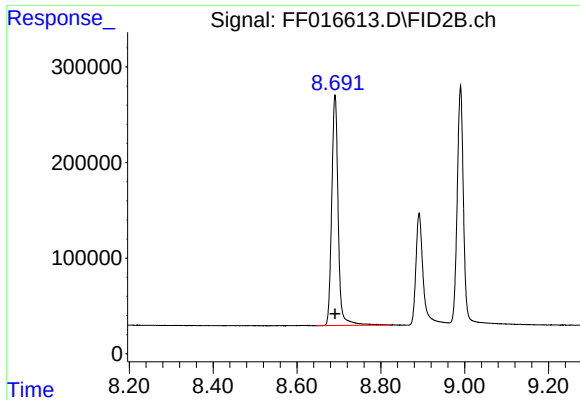
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 2593205
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

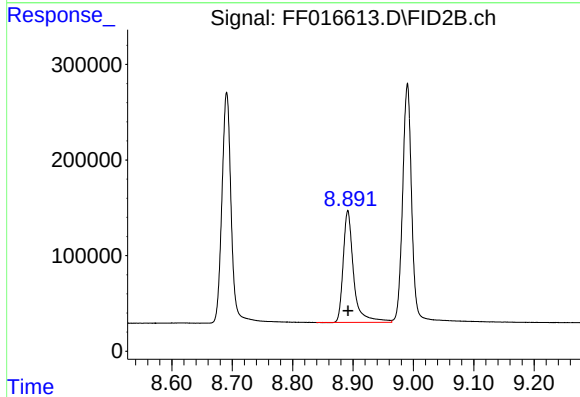
R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 2188328
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

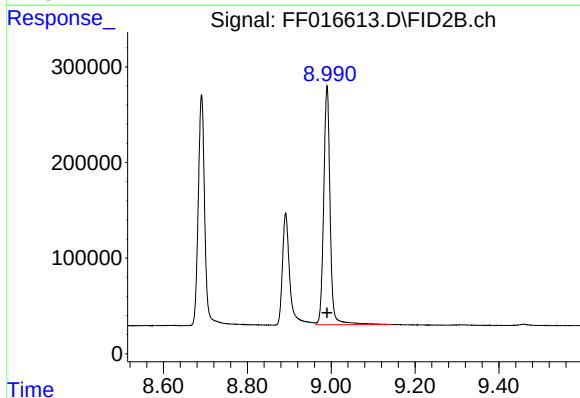
R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 2589687
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



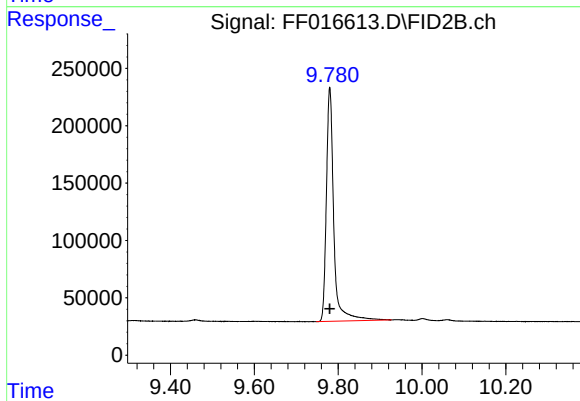
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 1409920
Conc: 20.00 ug/ml



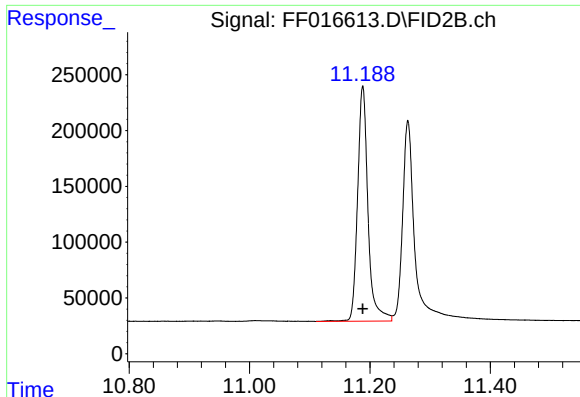
#7 Acenaphthene (C15.5)

R.T.: 8.990 min
Delta R.T.: 0.000 min
Response: 2658824
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

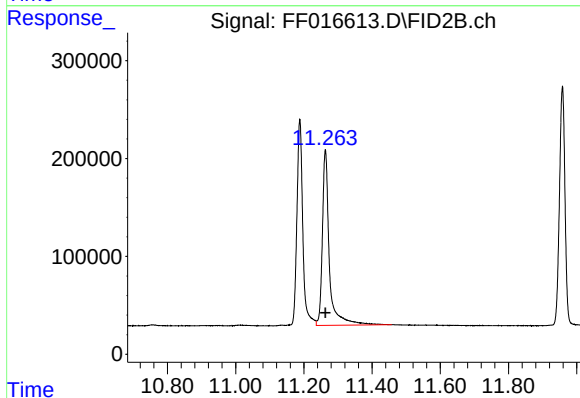
R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 2497592
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

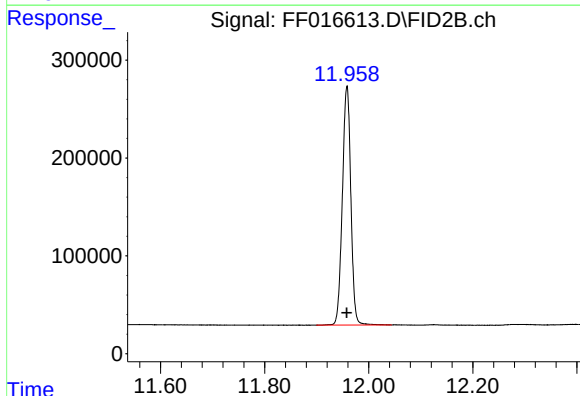
R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 2524485
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



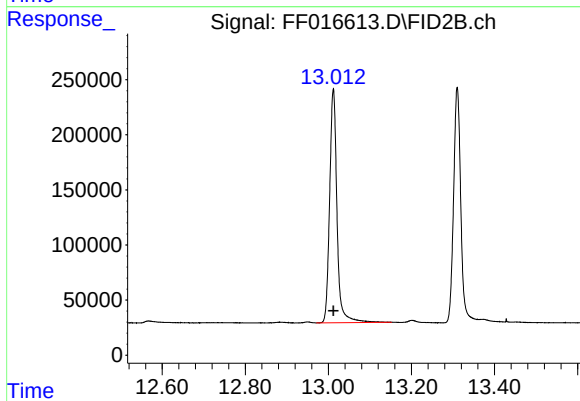
#10 Anthracene (C19.43)

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 2553370
Conc: 20.00 ug/ml



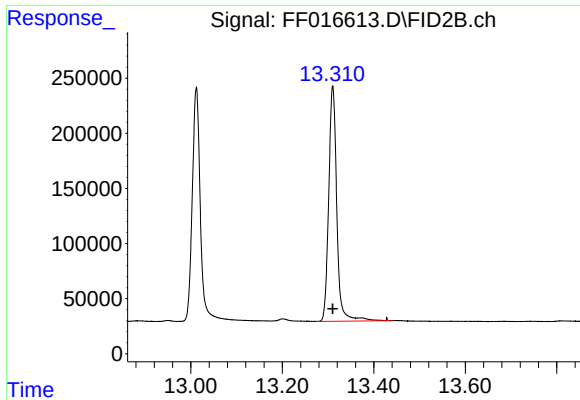
#11 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: 0.000 min
Response: 2764019
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

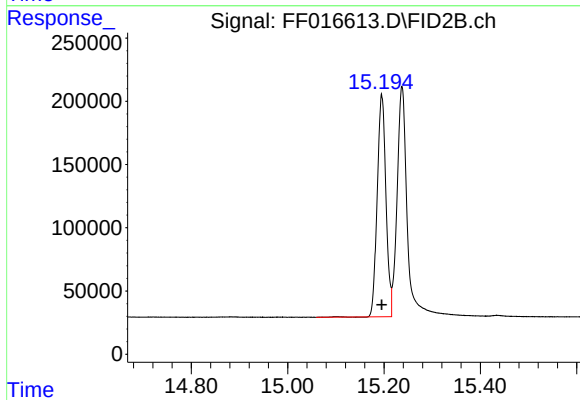
R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 2609311
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

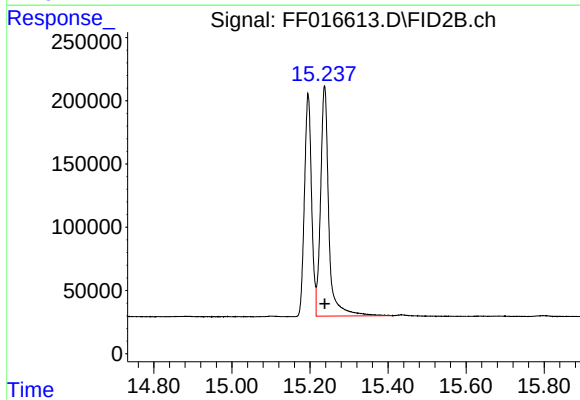
R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 2625482
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



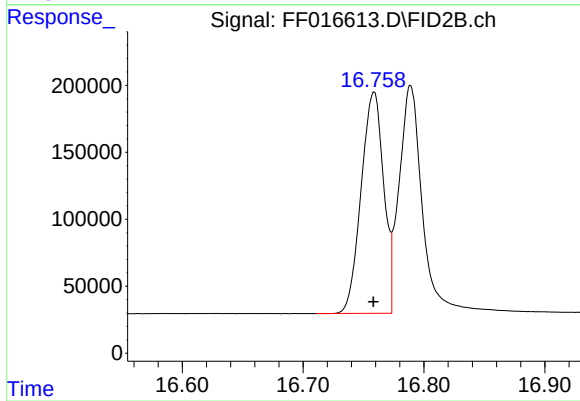
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.195 min
Delta R.T.: 0.000 min
Response: 2209088
Conc: 20.00 ug/ml



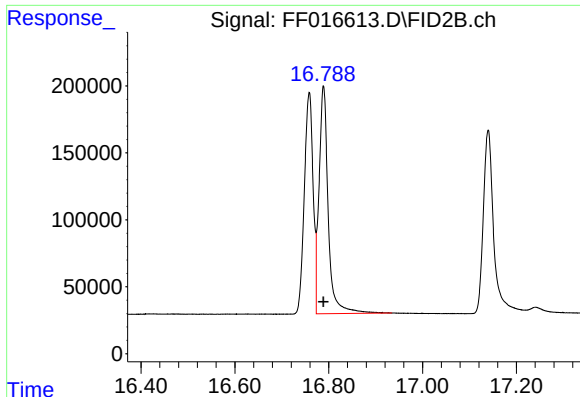
#15 Chrysene (C27.41)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 2678032
Conc: 20.00 ug/ml



#16 benzo[b]fluoranthene (C30.41)

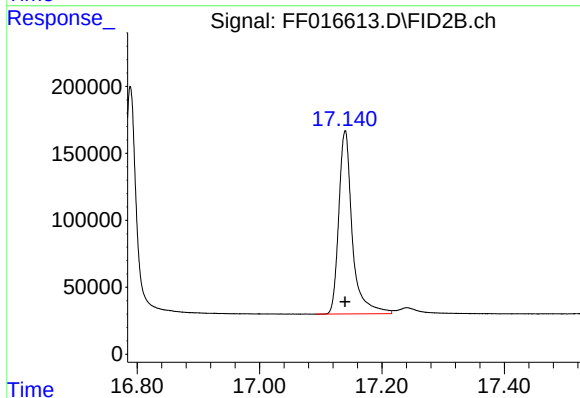
R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 2142581
Conc: 20.00 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

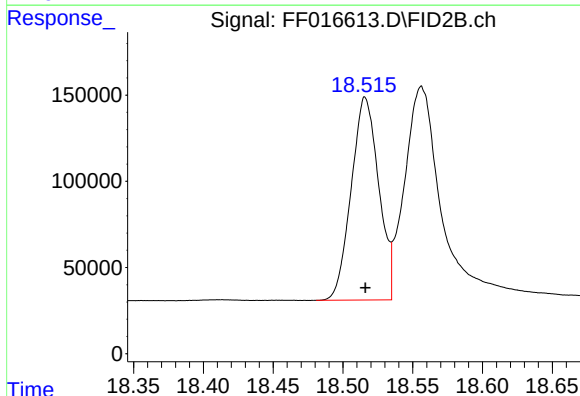
R.T.: 16.789 min
Delta R.T.: 0.000 min
Response: 2316361
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



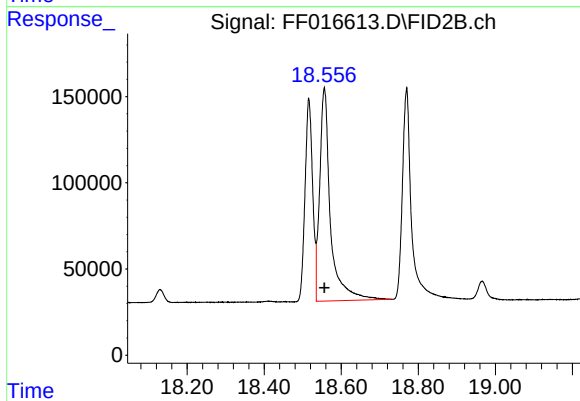
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.140 min
Delta R.T.: 0.000 min
Response: 2101637
Conc: 20.00 ug/ml



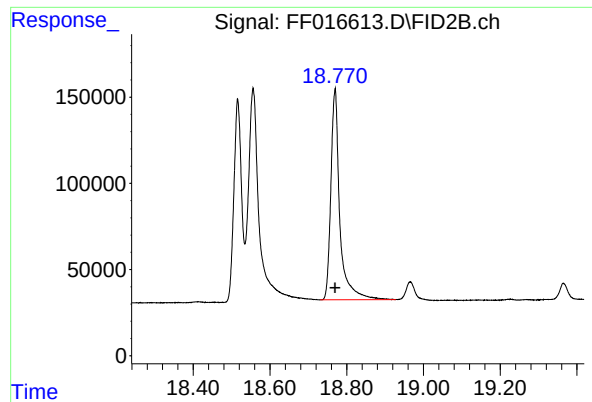
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.516 min
Delta R.T.: 0.000 min
Response: 1612453
Conc: 20.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 2405800
Conc: 20.00 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.769 min
Delta R.T.: 0.000 min
Response: 1985462
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016613.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 15:34
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 43 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.609	4.571	4.687	BB	251942	2499255	90.42%	5.048%
2	6.286	6.249	6.419	BB	242905	2541430	91.95%	5.134%
3	7.386	7.351	7.551	BB	234894	2593205	93.82%	5.238%
4	8.015	7.949	8.142	BB	204321	2188328	79.17%	4.420%
5	8.691	8.646	8.826	BB	241232	2589687	93.69%	5.231%
6	8.892	8.839	8.964	BV	116701	1409920	51.01%	2.848%
7	8.990	8.964	9.144	VB	251149	2658824	96.19%	5.371%
8	9.780	9.747	9.927	BB	203834	2497592	90.36%	5.045%
9	11.188	11.111	11.236	BV	210492	2524485	91.33%	5.099%
10	11.263	11.236	11.457	VB	179248	2553370	92.38%	5.158%
11	11.958	11.899	12.044	BB	243295	2764019	100.00%	5.583%
12	13.012	12.971	13.152	PB	212442	2609311	94.40%	5.271%
13	13.310	13.274	13.439	BB	213671	2625482	94.99%	5.303%
14	15.195	15.059	15.216	BV	174425	2209088	79.92%	4.462%
15	15.237	15.216	15.409	VB	182316	2678032	96.89%	5.409%
16	16.758	16.711	16.773	BV	166048	2142581	77.52%	4.328%
17	16.789	16.773	16.934	VB	170187	2316361	83.80%	4.679%
18	17.140	17.092	17.216	BV	136752	2101637	76.04%	4.245%
19	18.516	18.481	18.535	BV	117680	1612453	58.34%	3.257%
20	18.556	18.535	18.731	VBA	123690	2405800	87.04%	4.860%
21	18.769	18.731	18.927	BV	121805	1985462	71.83%	4.011%
Sum of corrected areas:						49506320		

Aromatic EPH 102925.M Thu Oct 30 03:45:58 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016614.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 16:03
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 29 16:23:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:23:08 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...	8.016	1114818	9.818 ug/ml
Spiked Amount 50.000		Recovery =	19.64%
6) S 2-Fluorobiphenyl (SURR)	8.892	680115	9.307 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.61%
11) S ortho-Terphenyl (SURR)	11.956	1506831	10.421 ug/ml
Spiked Amount 50.000		Recovery =	20.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	1344438	10.335 ug/ml
2) T Naphthalene (C11.7)	6.287	1323198	10.018 ug/ml
3) T 2-Methylnaphthalene (...)	7.386	1332113	9.942 ug/ml
5) T Acenaphthylene (C15.06)	8.690	1347256	10.007 ug/ml
7) T Acenaphthene (C15.5)	8.989	1391871	10.104 ug/ml
8) T Flouorene (C16.55)	9.780	1283089	9.800 ug/ml
9) T Phenanthrene (C19.36)	11.188	1307700	9.915 ug/ml
10) T Anthracene (C19.43)	11.264	1392293	10.469 ug/ml
12) T Fluoranthene (C21.85)	13.011	1379799	10.147 ug/ml
13) T Pyrene (C20.8)	13.309	1400612	10.296 ug/ml
14) T Benzo[a]anthracene (C...	15.196	1107100	9.599 ug/ml
15) T Chrysene (C27.41)	15.237	1496045	10.732 ug/ml
16) T benzo[b]fluoranthene ...	16.757	1102352	9.815 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	1292316	10.726 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.142	1115777	10.139 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.518	829806	9.573 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	1439707	11.247 ug/ml
21) T Benzo[g,h,i]perylene ...	18.770	1093225	10.380 ug/ml

(f)=RT Delta > 1/2 Window

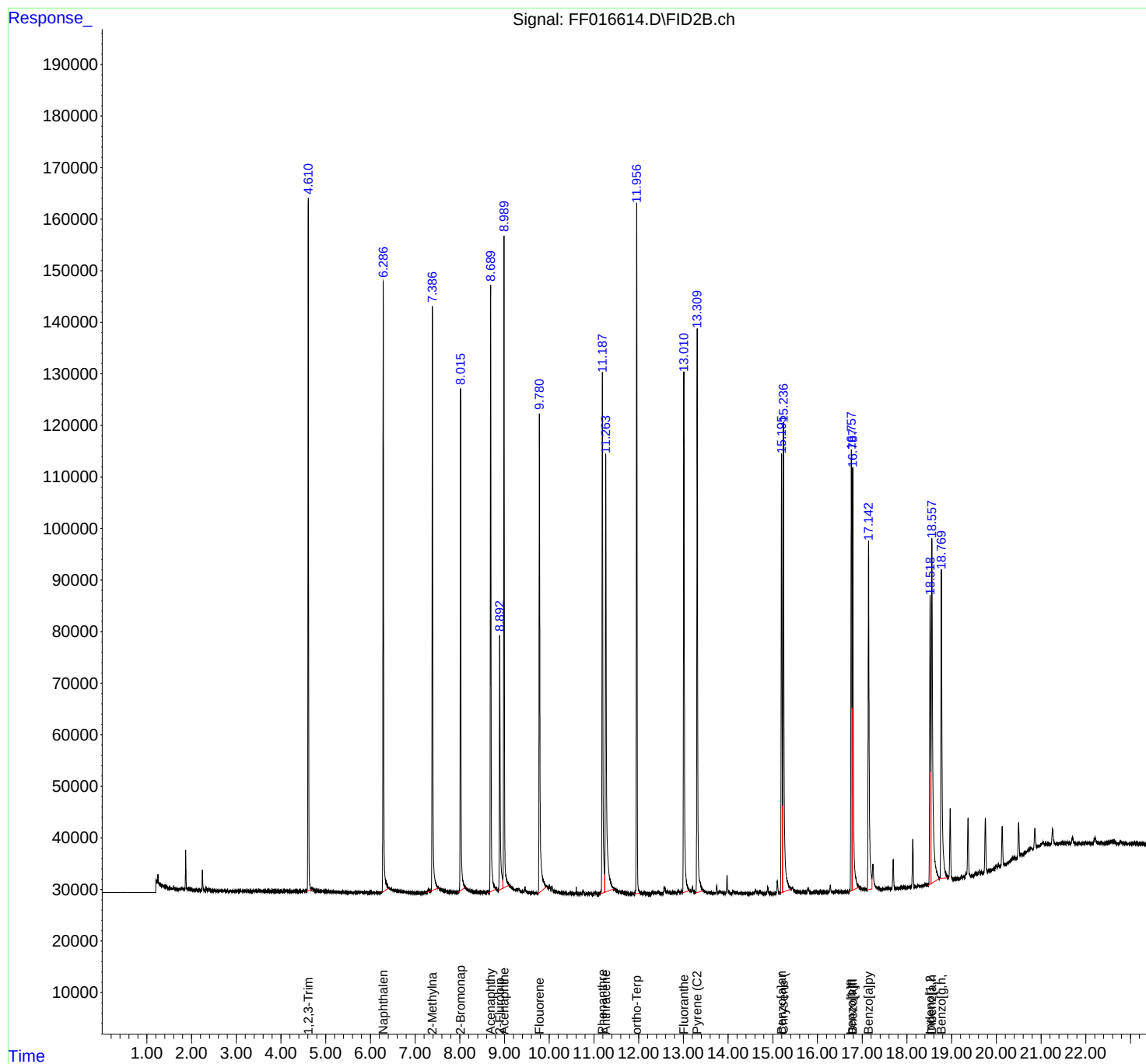
(m)=manual int.

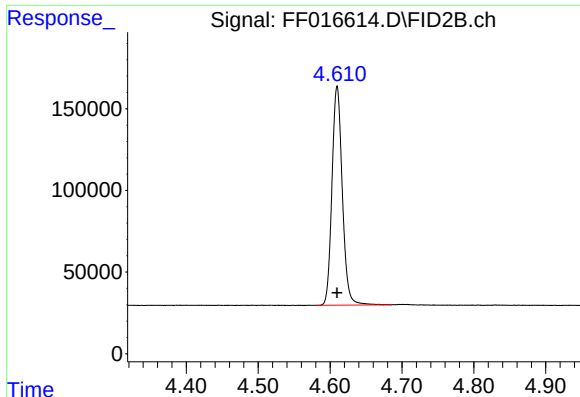
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016614.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 16:03
Operator : YP\AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 29 16:23:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:23:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

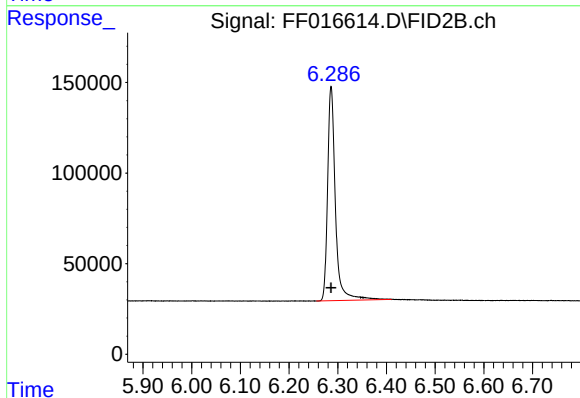




#1 1,2,3-Trimethylbenzene (C10.1)

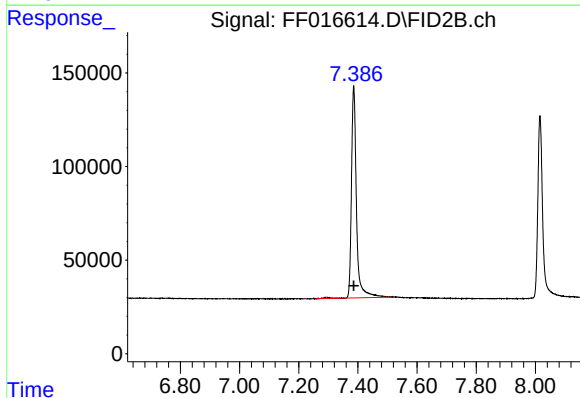
R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 1344438
Conc: 10.33 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



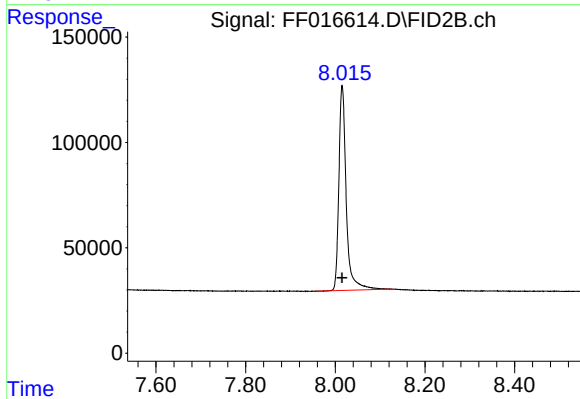
#2 Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 1323198
Conc: 10.02 ug/ml



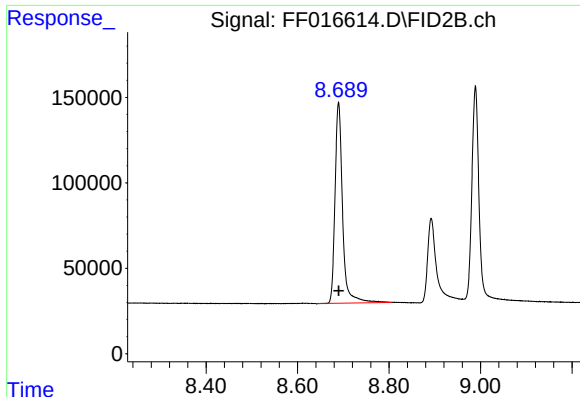
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 1332113
Conc: 9.94 ug/ml



#4 2-Bromonaphthalene (SURR)

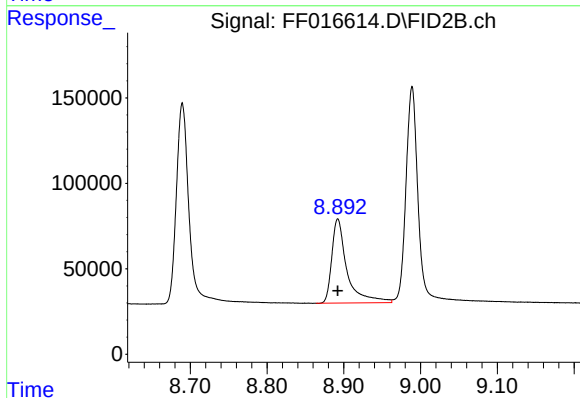
R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 1114818
Conc: 9.82 ug/ml



#5 Acenaphthylene (C15.06)

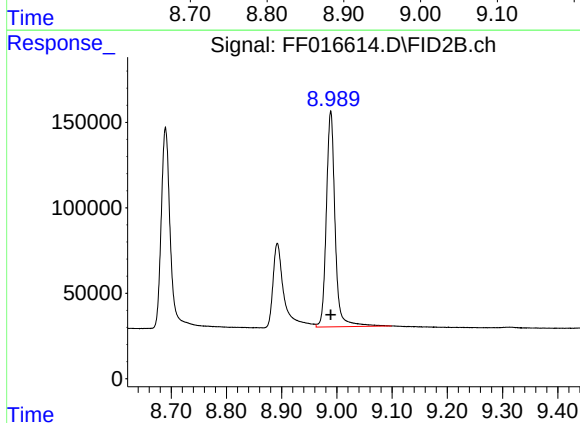
R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1347256
Conc: 10.01 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



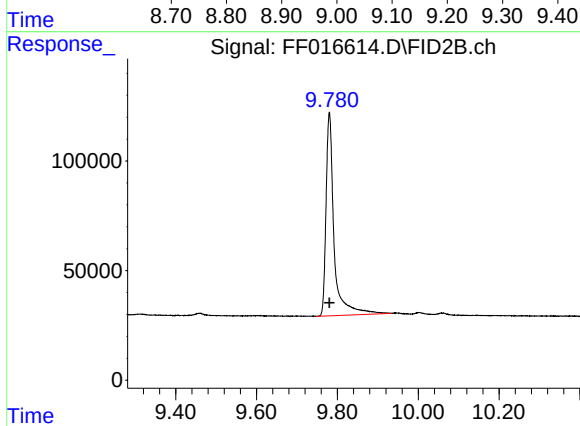
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 680115
Conc: 9.31 ug/ml



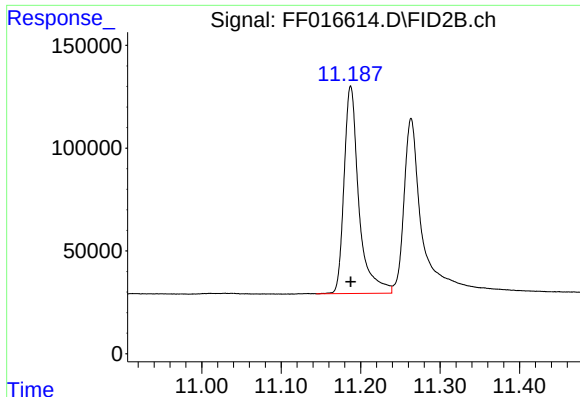
#7 Acenaphthene (C15.5)

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 1391871
Conc: 10.10 ug/ml



#8 Flouorene (C16.55)

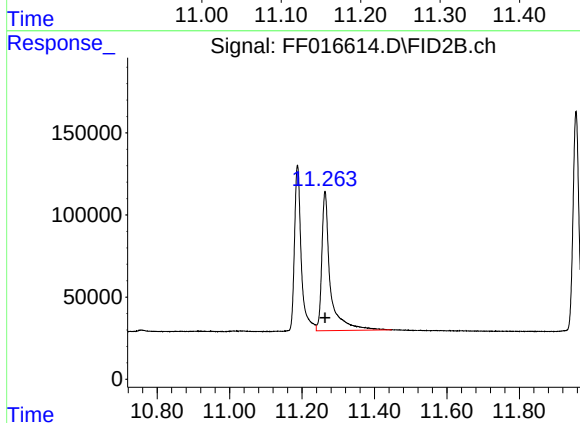
R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 1283089
Conc: 9.80 ug/ml



#9 Phenanthrene (C19.36)

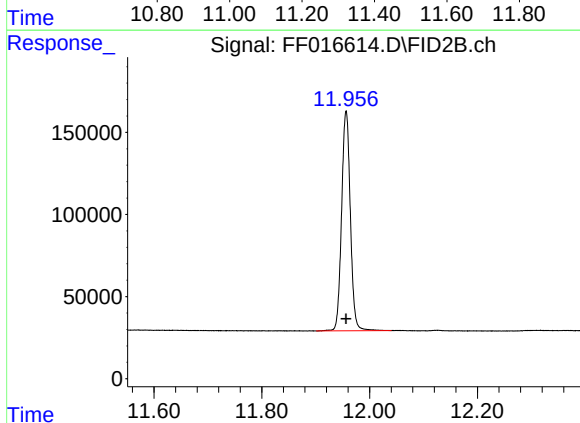
R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 1307700
Conc: 9.92 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



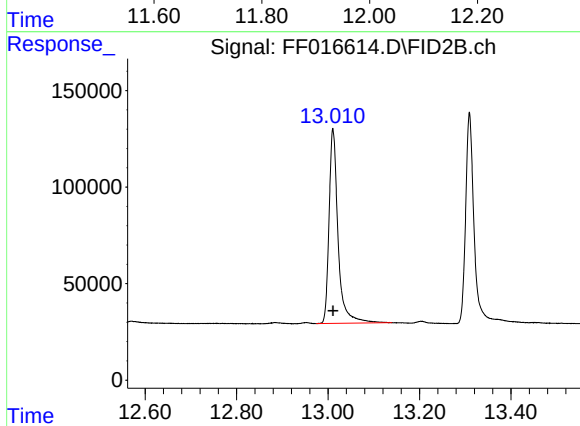
#10 Anthracene (C19.43)

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 1392293
Conc: 10.47 ug/ml



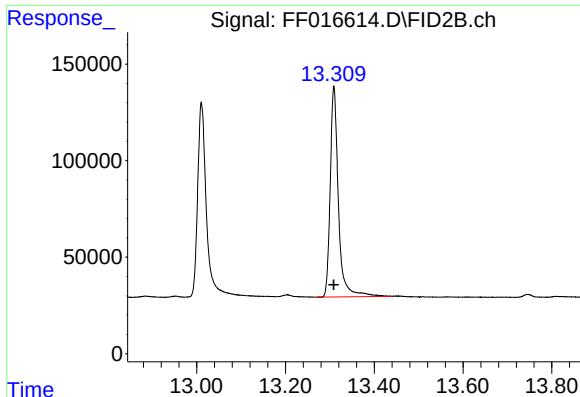
#11 ortho-Terphenyl (SURR)

R.T.: 11.956 min
Delta R.T.: 0.000 min
Response: 1506831
Conc: 10.42 ug/ml



#12 Fluoranthene (C21.85)

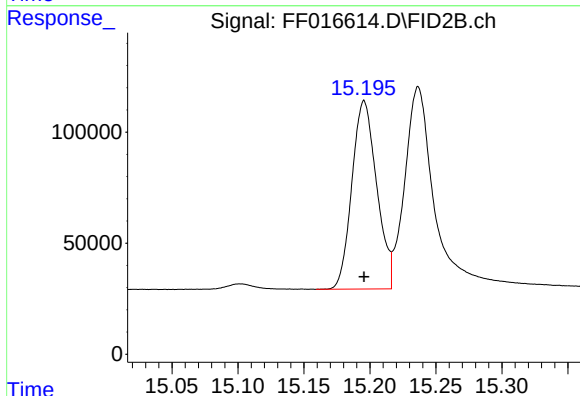
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 1379799
Conc: 10.15 ug/ml



#13 Pyrene (C20.8)

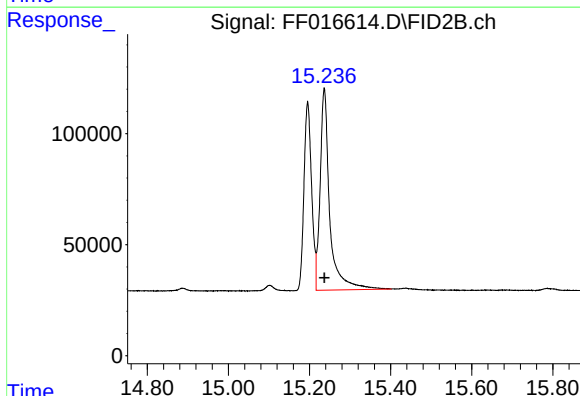
R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 1400612
Conc: 10.30 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



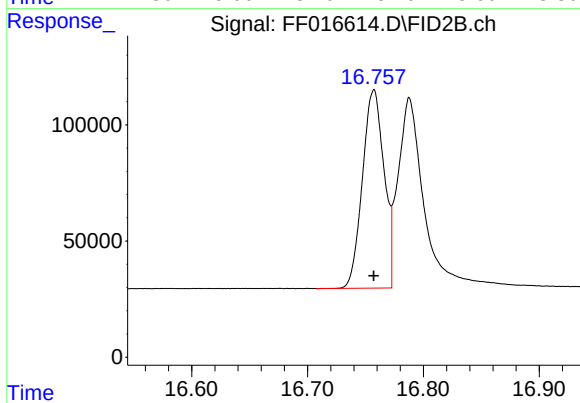
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.196 min
Delta R.T.: 0.000 min
Response: 1107100
Conc: 9.60 ug/ml



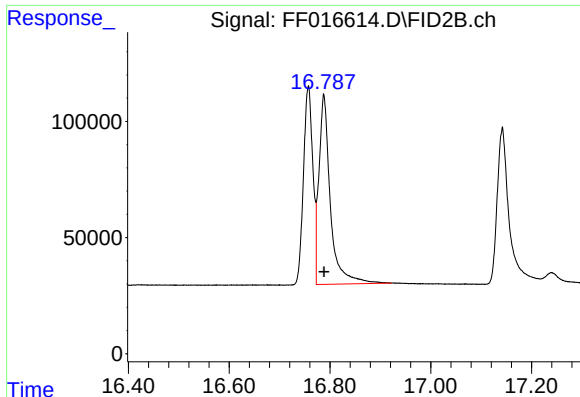
#15 Chrysene (C27.41)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 1496045
Conc: 10.73 ug/ml



#16 benzo[b]fluoranthene (C30.41)

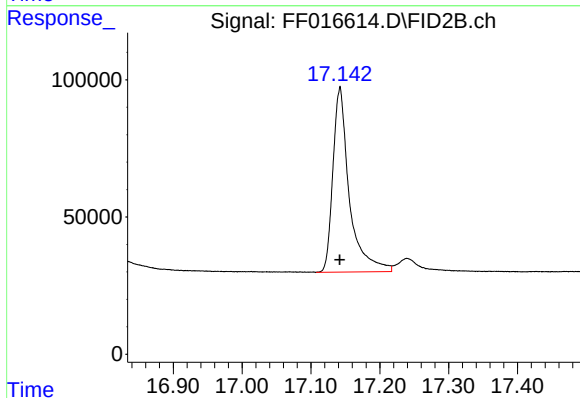
R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 1102352
Conc: 9.81 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

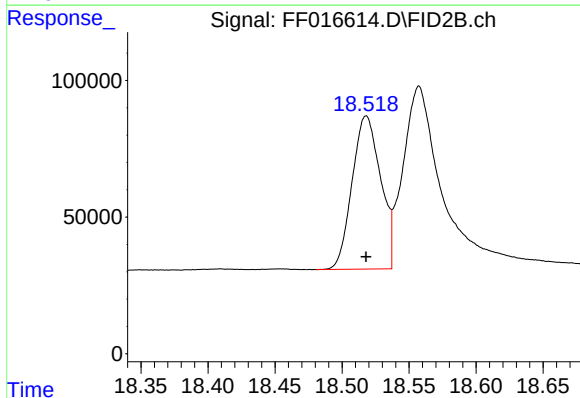
R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 1292316
Conc: 10.73 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



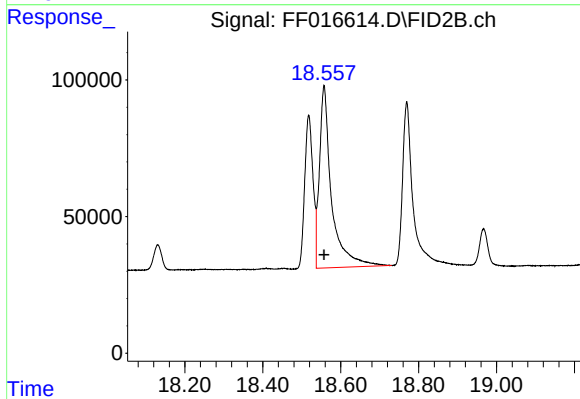
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.142 min
Delta R.T.: 0.000 min
Response: 1115777
Conc: 10.14 ug/ml



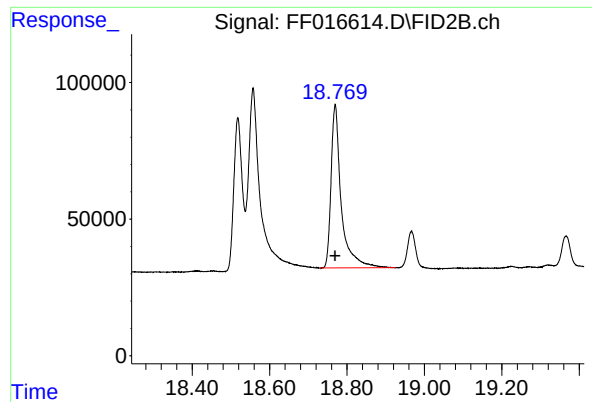
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.518 min
Delta R.T.: 0.000 min
Response: 829806
Conc: 9.57 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.557 min
Delta R.T.: 0.000 min
Response: 1439707
Conc: 11.25 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.770 min
Delta R.T.: 0.000 min
Response: 1093225
Conc: 10.38 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016614.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 16:03
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.610	4.581	4.686	BB	134317	1344438	89.22%	5.116%
2	6.287	6.256	6.411	BB	118202	1323198	87.81%	5.035%
3	7.386	7.259	7.514	BB	113196	1332113	88.40%	5.069%
4	8.016	7.957	8.126	BB	97074	1114818	73.98%	4.242%
5	8.690	8.641	8.806	BB	117274	1347256	89.41%	5.126%
6	8.892	8.864	8.962	BV	49278	680115	45.14%	2.588%
7	8.989	8.962	9.099	VB	126499	1391871	92.37%	5.296%
8	9.780	9.747	9.934	BB	92845	1283089	85.15%	4.882%
9	11.188	11.144	11.239	BV	100901	1307700	86.78%	4.976%
10	11.264	11.239	11.447	VB	84929	1392293	92.40%	5.298%
11	11.956	11.901	12.041	BB	133773	1506831	100.00%	5.734%
12	13.011	12.974	13.139	BB	100602	1379799	91.57%	5.250%
13	13.309	13.269	13.439	BB	109199	1400612	92.95%	5.329%
14	15.196	15.159	15.216	BV	84948	1107100	73.47%	4.213%
15	15.237	15.216	15.402	VB	90971	1496045	99.28%	5.693%
16	16.757	16.707	16.773	BV	85587	1102352	73.16%	4.195%
17	16.788	16.773	16.922	VB	81859	1292316	85.76%	4.917%
18	17.142	17.107	17.217	BV	67783	1115777	74.05%	4.246%
19	18.518	18.481	18.537	BV	56073	829806	55.07%	3.158%
20	18.557	18.537	18.731	VBA	66829	1439707	95.55%	5.478%
21	18.770	18.731	18.926	BB	59848	1093225	72.55%	4.160%
Sum of corrected areas:						26280460		

Aromatic EPH 102925.M Thu Oct 30 03:46:23 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016615.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 17:02
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 29 18:23:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:17:22 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...	8.020	10784724	96.186 ug/ml
Spiked Amount 50.000		Recovery =	192.37%
6) S 2-Fluorobiphenyl (SURR)	8.898	7369223	100.635 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	201.27%#
11) S ortho-Terphenyl (SURR)	11.966	12863492	91.484 ug/ml
Spiked Amount 50.000		Recovery =	182.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.612	11756483	92.600 ug/ml
2) T Naphthalene (C11.7)	6.290	12375430	95.193 ug/ml
3) T 2-Methylnaphthalene (...)	7.392	12581917	95.354 ug/ml
5) T Acenaphthylene (C15.06)	8.698	12596663	95.092 ug/ml
7) T Acenaphthene (C15.5)	9.000	12623884	93.600 ug/ml
8) T Fluorene (C16.55)	9.789	12461128	96.338 ug/ml
9) T Phenanthrene (C19.36)	11.197	12496655	96.013 ug/ml
10) T Anthracene (C19.43)	11.275	12362442	94.622 ug/ml
12) T Fluoranthene (C21.85)	13.024	12414521	93.324 ug/ml
13) T Pyrene (C20.8)	13.324	12195023	92.028 ug/ml
14) T Benzo[a]anthracene (C...	15.210	11288315	98.399 ug/ml
15) T Chrysene (C27.41)	15.256	11659085	87.205 ug/ml
16) T benzo[b]fluoranthene ...	16.773	10519607	95.169 ug/ml
17) T Bnezo[k]fluoranthene ...	16.811	10026374	87.376 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.157	10016615	93.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.535	8927084	102.227 ug/ml
20) T Dibenz[a,h]anthracene...	18.574	9721553	80.805 ug/ml
21) T Benzo[g,h,i]perylene ...	18.795	9310639	91.046 ug/ml

(f)=RT Delta > 1/2 Window

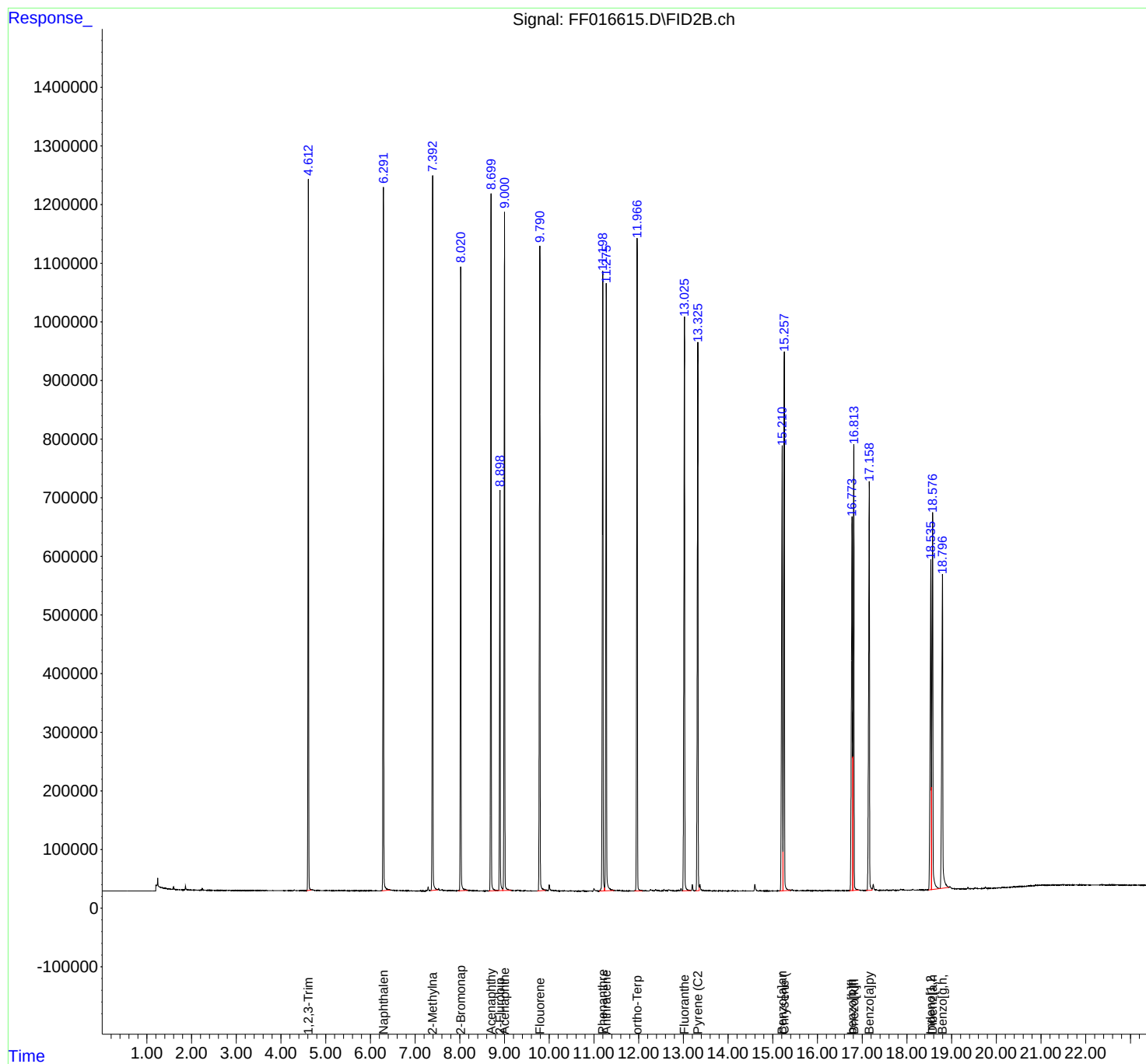
(m)=manual int.

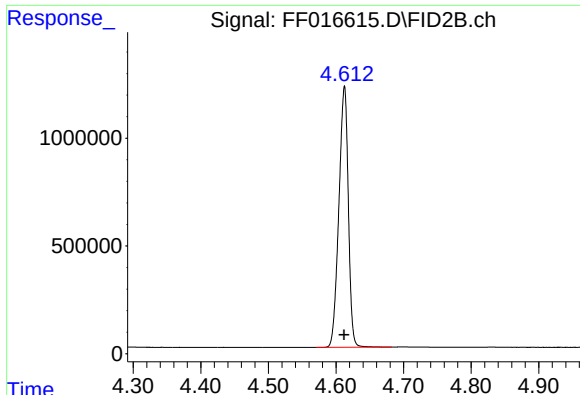
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016615.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 17:02
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 29 18:23:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:17:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 1,2,3-Trimethylbenzene (C10.1)

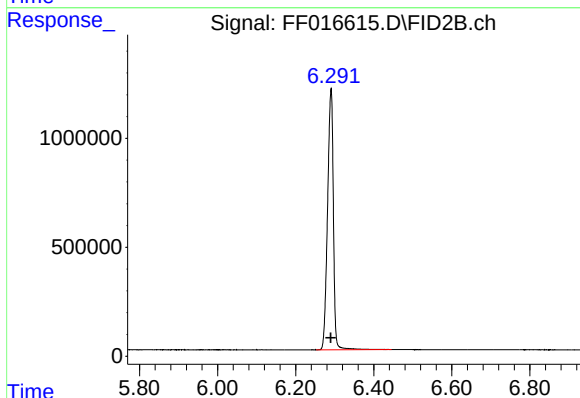
R.T.: 4.612 min
Delta R.T.: 0.000 min
Response: 11756483
Conc: 92.60 ug/ml

Instrument :

FID_F

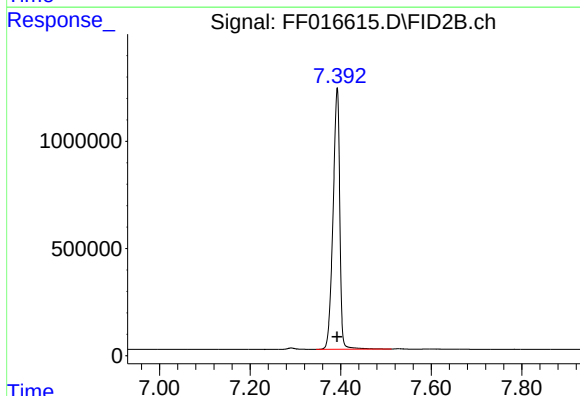
ClientSampleId :

100 PPM AROMATIC HC STD1



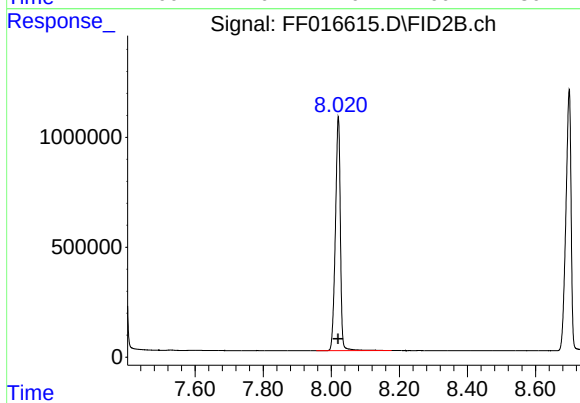
#2 Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 12375430
Conc: 95.19 ug/ml



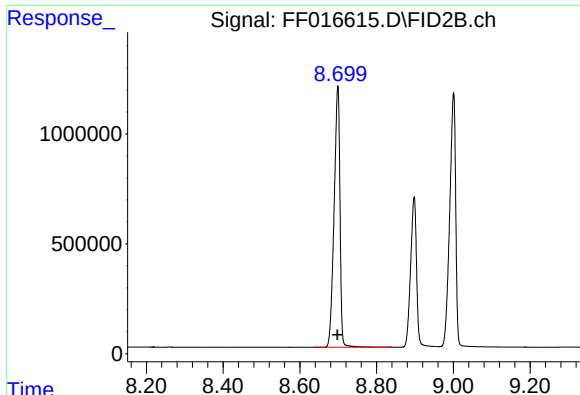
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 12581917
Conc: 95.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.020 min
Delta R.T.: 0.000 min
Response: 10784724
Conc: 96.19 ug/ml



#5 Acenaphthylene (C15.06)

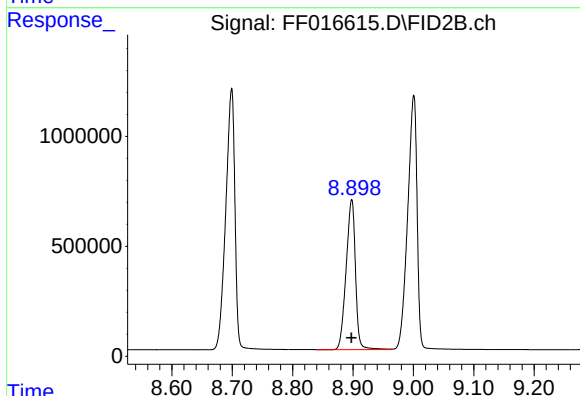
R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 12596663
Conc: 95.09 ug/ml

Instrument :

FID_F

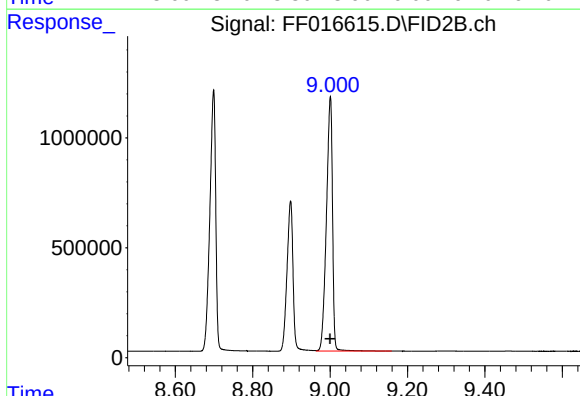
ClientSampleId :

100 PPM AROMATIC HC STD1



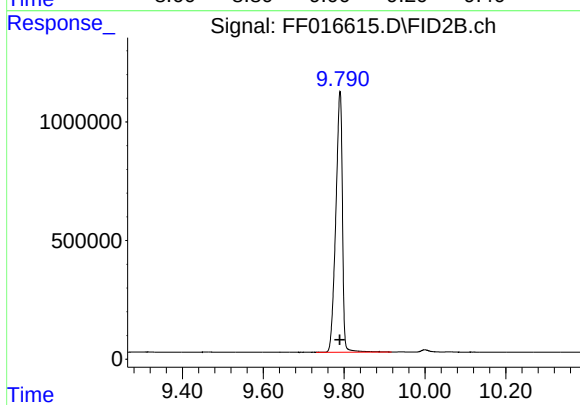
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.898 min
Delta R.T.: 0.000 min
Response: 7369223
Conc: 100.63 ug/ml



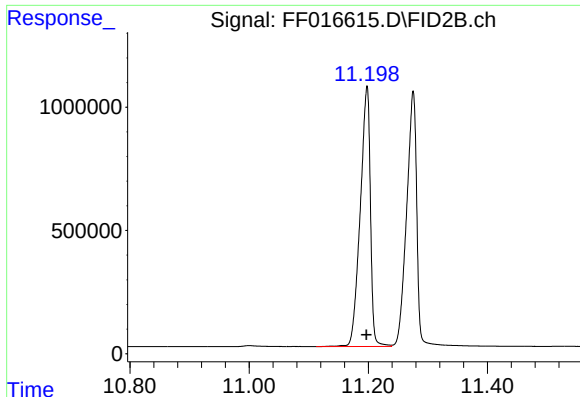
#7 Acenaphthene (C15.5)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 12623884
Conc: 93.60 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.789 min
Delta R.T.: 0.000 min
Response: 12461128
Conc: 96.34 ug/ml



#9 Phenanthrene (C19.36)

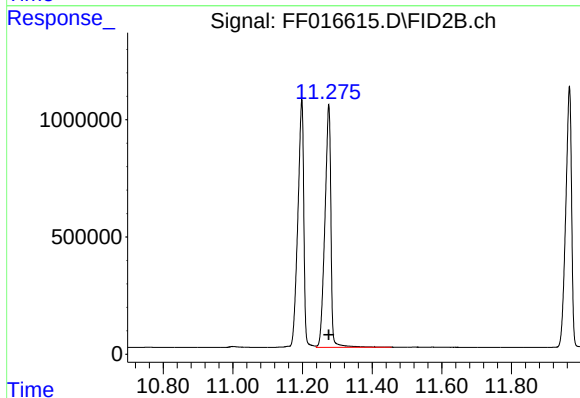
R.T.: 11.197 min
Delta R.T.: 0.000 min
Response: 12496655
Conc: 96.01 ug/ml

Instrument :

FID_F

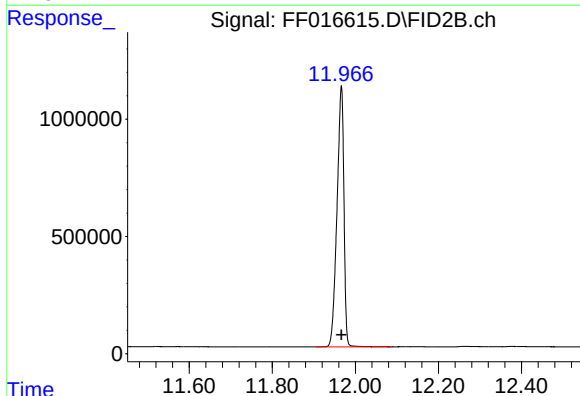
ClientSampleId :

100 PPM AROMATIC HC STD1



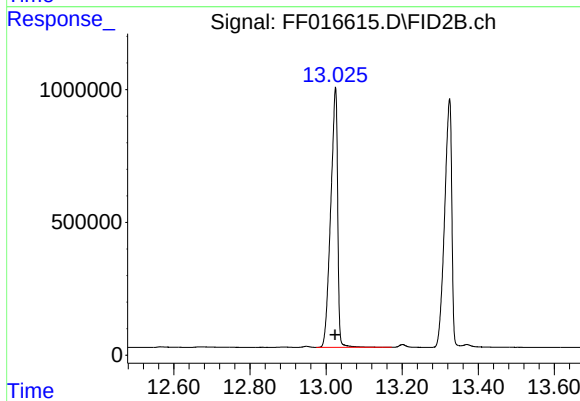
#10 Anthracene (C19.43)

R.T.: 11.275 min
Delta R.T.: 0.000 min
Response: 12362442
Conc: 94.62 ug/ml



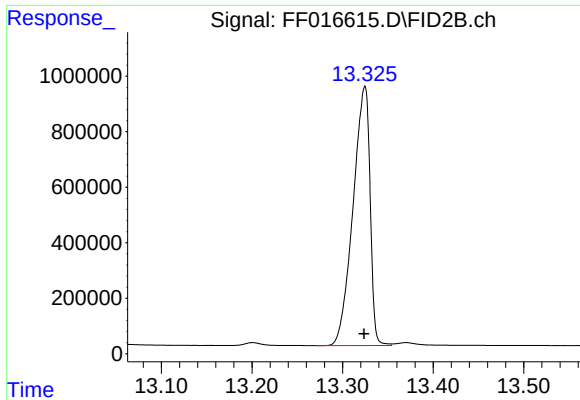
#11 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: 0.000 min
Response: 12863492
Conc: 91.48 ug/ml



#12 Fluoranthene (C21.85)

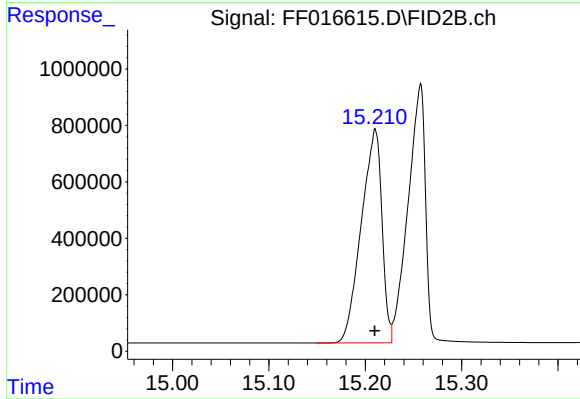
R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 12414521
Conc: 93.32 ug/ml



#13 Pyrene (C20.8)

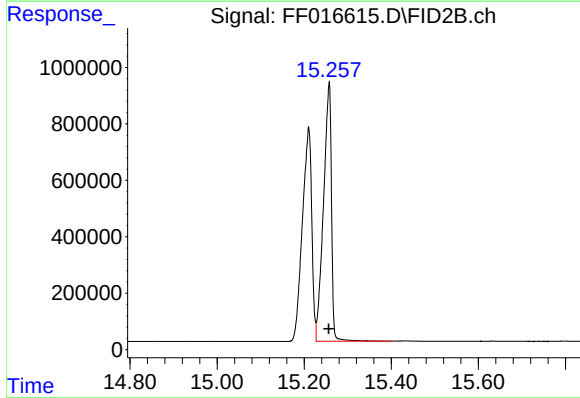
R.T.: 13.324 min
Delta R.T.: 0.000 min
Response: 12195023
Conc: 92.03 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1



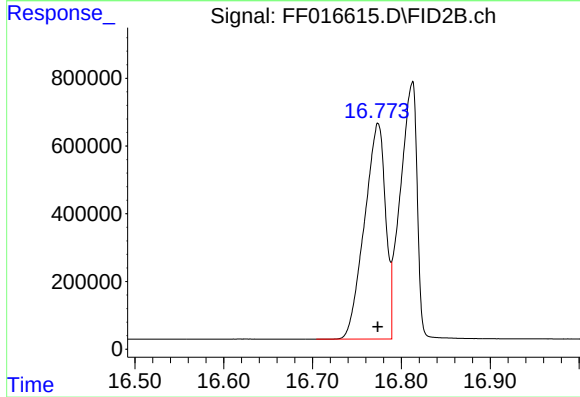
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 11288315
Conc: 98.40 ug/ml



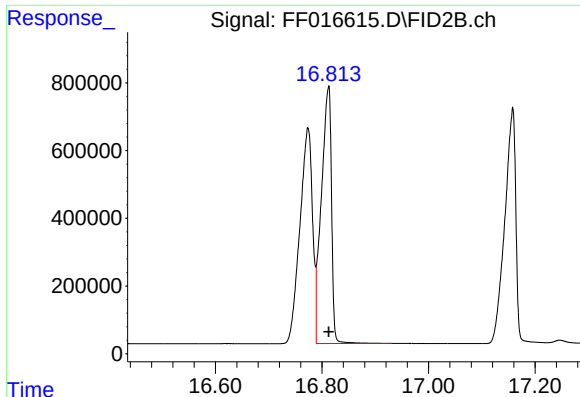
#15 Chrysene (C27.41)

R.T.: 15.256 min
Delta R.T.: 0.000 min
Response: 11659085
Conc: 87.20 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 10519607
Conc: 95.17 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

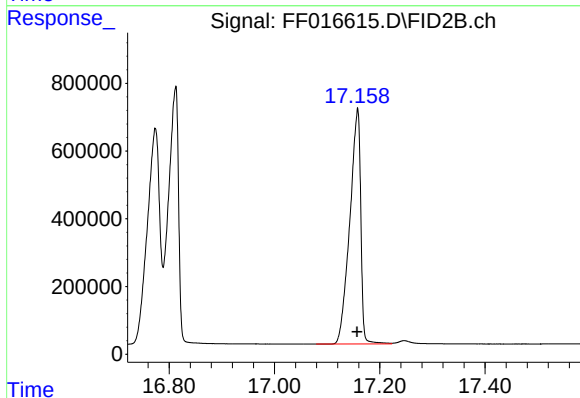
R.T.: 16.811 min
Delta R.T.: -0.002 min
Response: 10026374
Conc: 87.38 ug/ml

Instrument :

FID_F

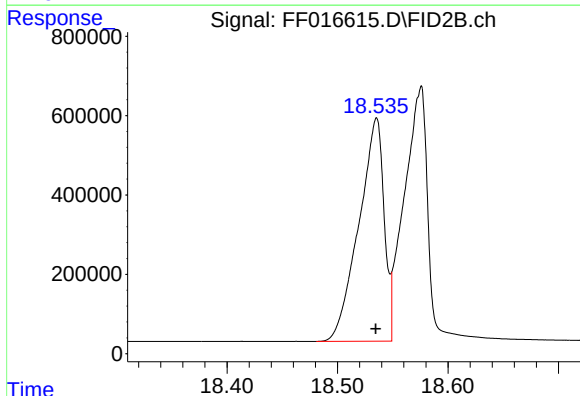
ClientSampleId :

100 PPM AROMATIC HC STD1



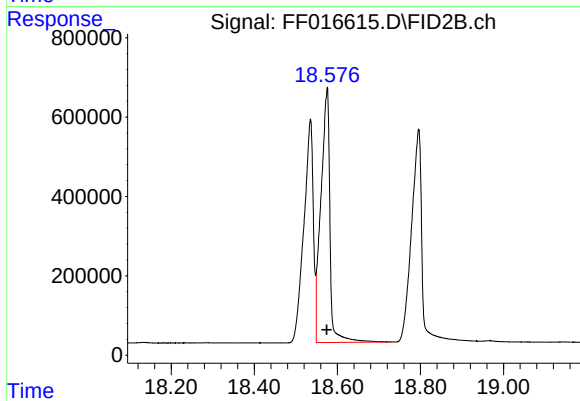
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.157 min
Delta R.T.: 0.000 min
Response: 10016615
Conc: 93.11 ug/ml



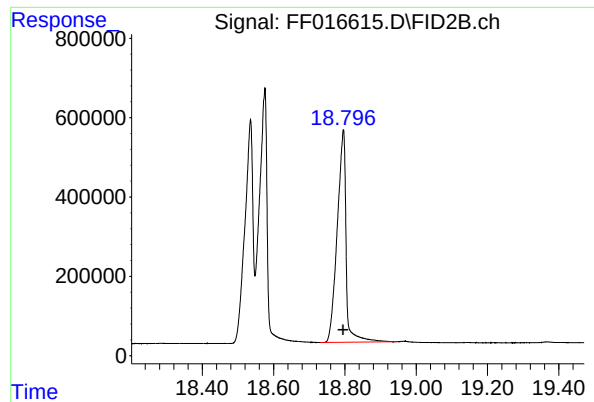
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.535 min
Delta R.T.: 0.000 min
Response: 8927084
Conc: 102.23 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.574 min
Delta R.T.: 0.000 min
Response: 9721553
Conc: 80.81 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.795 min
Delta R.T.: 0.000 min
Response: 9310639
Conc: 91.05 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016615.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 17:02
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.612	4.571	4.682	BV	1214954	11756483	91.39%	4.974%
2	6.290	6.252	6.446	BB	1202422	12375430	96.21%	5.236%
3	7.392	7.346	7.512	BV	1225090	12581917	97.81%	5.323%
4	8.020	7.956	8.177	BB	1067627	10784724	83.84%	4.563%
5	8.698	8.642	8.839	BB	1194195	12596663	97.93%	5.330%
6	8.898	8.839	8.964	BV	683176	7369223	57.29%	3.118%
7	9.000	8.964	9.159	VB	1163401	12623884	98.14%	5.341%
8	9.789	9.731	9.917	BV	1099415	12461128	96.87%	5.272%
9	11.197	11.112	11.239	BV	1055313	12496655	97.15%	5.287%
10	11.275	11.239	11.456	VB	1033094	12362442	96.10%	5.231%
11	11.966	11.906	12.087	BB	1112532	12863492	100.00%	5.443%
12	13.024	12.974	13.172	PB	975634	12414521	96.51%	5.253%
13	13.324	13.271	13.354	BV	933806	12195023	94.80%	5.160%
14	15.210	15.149	15.227	BV	753877	11288315	87.75%	4.776%
15	15.256	15.227	15.401	VB	900367	11659085	90.64%	4.933%
16	16.773	16.704	16.789	BV	638078	10519607	81.78%	4.451%
17	16.811	16.789	16.931	VB	750164	10026374	77.94%	4.242%
18	17.157	17.079	17.222	BV	695856	10016615	77.87%	4.238%
19	18.535	18.481	18.549	BV	560225	8927084	69.40%	3.777%
20	18.574	18.549	18.731	VBA	628710	9721553	75.57%	4.113%
21	18.795	18.731	18.942	BV	538181	9310639	72.38%	3.939%
Sum of corrected areas:						236350856		

Aromatic EPH 102925.M Thu Oct 30 03:47:04 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016616.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 18:07
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 29 18:25:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:17:22 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...	8.013	590557	5.211 ug/ml
Spiked Amount 50.000		Recovery =	10.42%
6) S 2-Fluorobiphenyl (SURR)	8.892	318482	4.465 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.93%
11) S ortho-Terphenyl (SURR)	11.955	859125	5.850 ug/ml
Spiked Amount 50.000		Recovery =	11.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	751692	5.710 ug/ml
2) T Naphthalene (C11.7)	6.282	707229	5.346 ug/ml
3) T 2-Methylnaphthalene (...)	7.383	684382	5.148 ug/ml
5) T Acenaphthylene (C15.06)	8.687	728251	5.390 ug/ml
7) T Acenaphthene (C15.5)	8.986	739096	5.377 ug/ml
8) T Flouorene (C16.55)	9.779	667777	5.129 ug/ml
9) T Phenanthrene (C19.36)	11.187	702608	5.314 ug/ml
10) T Anthracene (C19.43)	11.264	774695	5.717 ug/ml
12) T Fluoranthene (C21.85)	13.010	770417	5.614 ug/ml
13) T Pyrene (C20.8)	13.309	775847	5.661 ug/ml
14) T Benzo[a]anthracene (C...	15.196	552895	4.855 ug/ml
15) T Chrysene (C27.41)	15.238	853938	6.051 ug/ml
16) T benzo[b]fluoranthene ...	16.758	567699	5.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.789	745013	6.099 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.145	592115	5.395 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.523	404761	4.704 ug/ml
20) T Dibenz[a,h]anthracene...	18.560	886190	6.729 ug/ml
21) T Benzo[g,h,i]perylene ...	18.771	604043	5.700 ug/ml

(f)=RT Delta > 1/2 Window

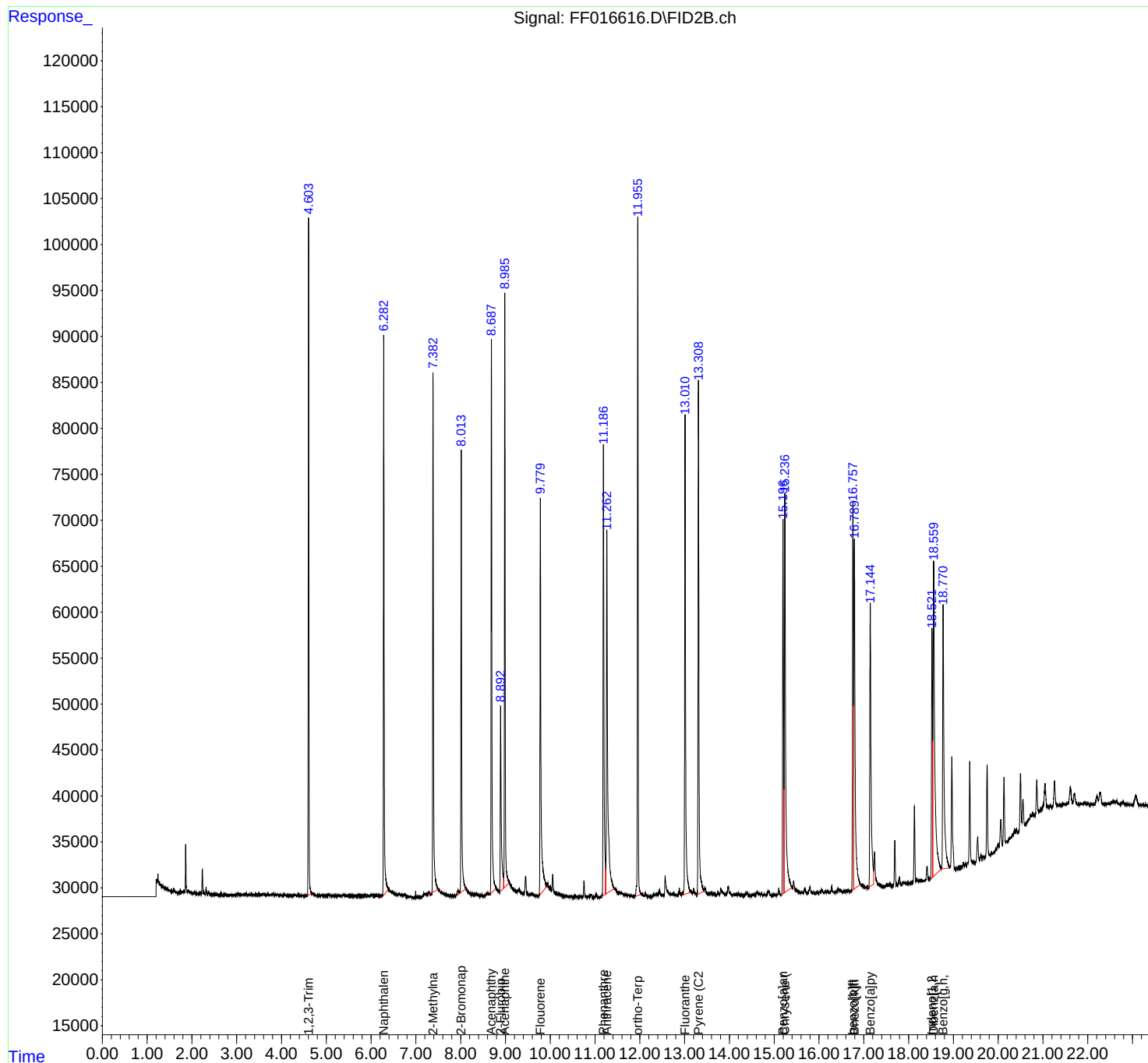
(m)=manual int.

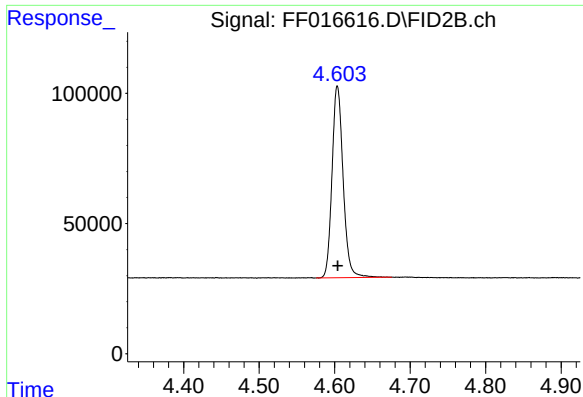
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016616.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 18:07
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 29 18:25:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:17:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

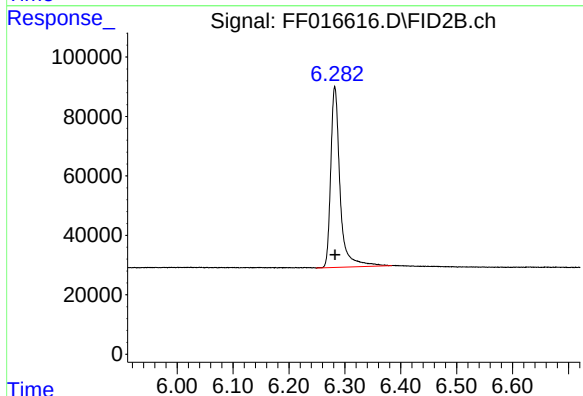




#1 1,2,3-Trimethylbenzene (C10.1)

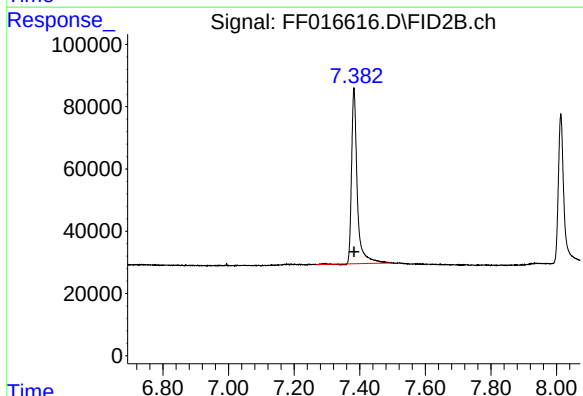
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 751692
Conc: 5.71 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



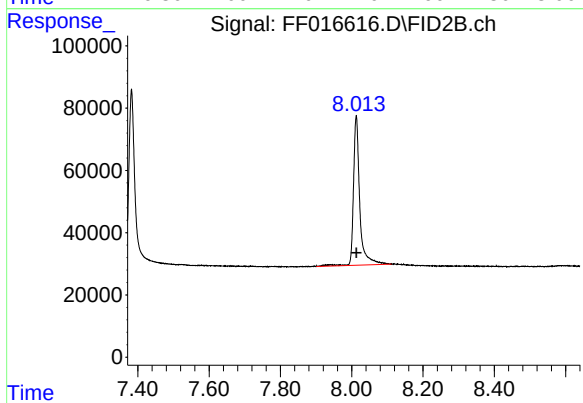
#2 Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 707229
Conc: 5.35 ug/ml



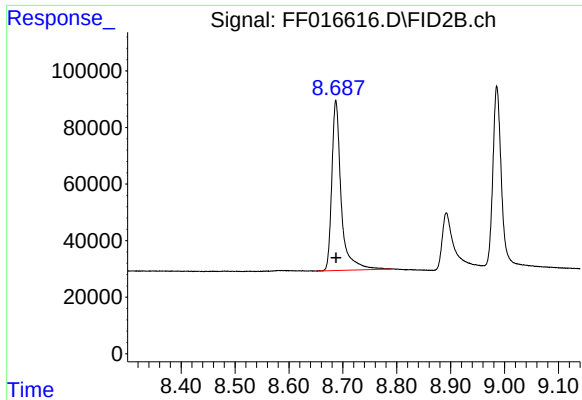
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 684382
Conc: 5.15 ug/ml



#4 2-Bromonaphthalene (SURR)

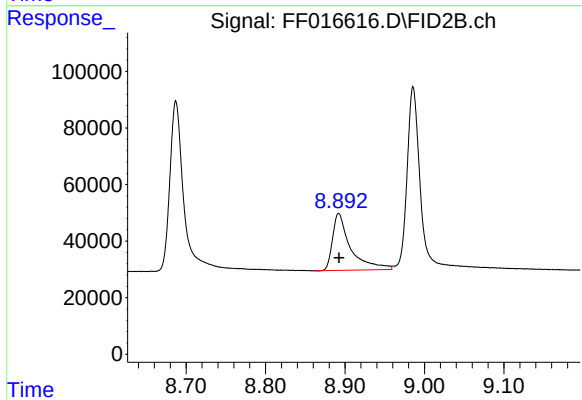
R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 590557
Conc: 5.21 ug/ml



#5 Acenaphthylene (C15.06)

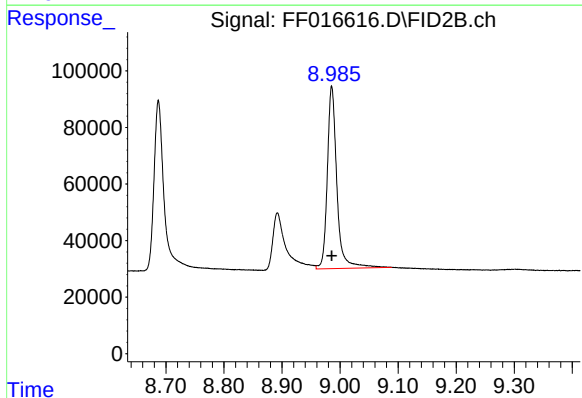
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 728251
Conc: 5.39 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



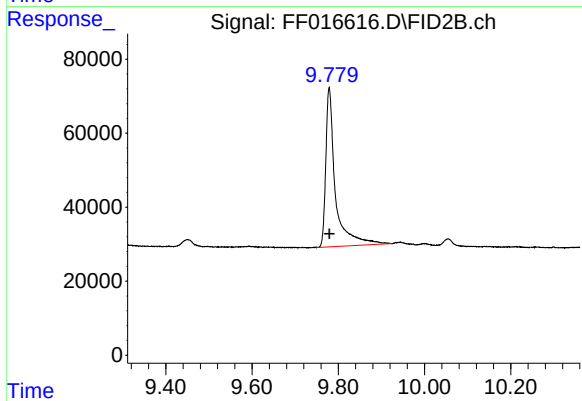
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 318482
Conc: 4.47 ug/ml



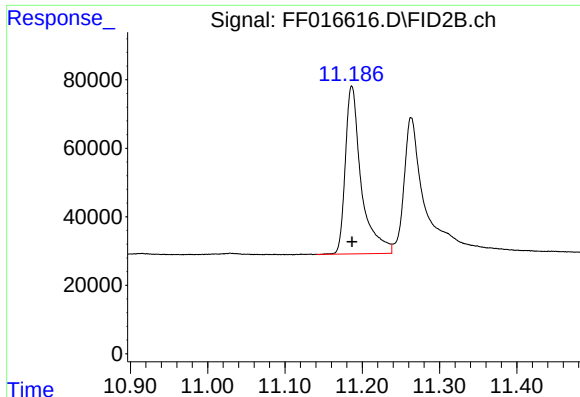
#7 Acenaphthene (C15.5)

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 739096
Conc: 5.38 ug/ml



#8 Flouorene (C16.55)

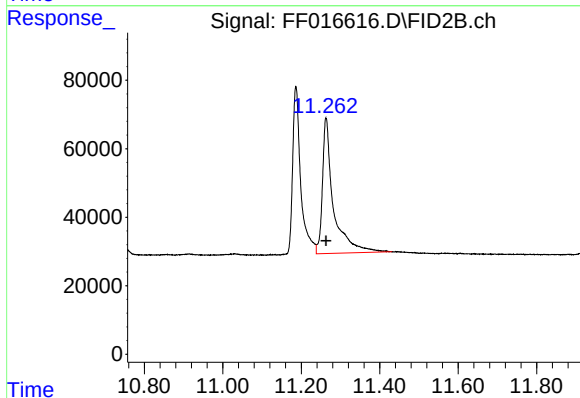
R.T.: 9.779 min
Delta R.T.: 0.000 min
Response: 667777
Conc: 5.13 ug/ml



#9 Phenanthrene (C19.36)

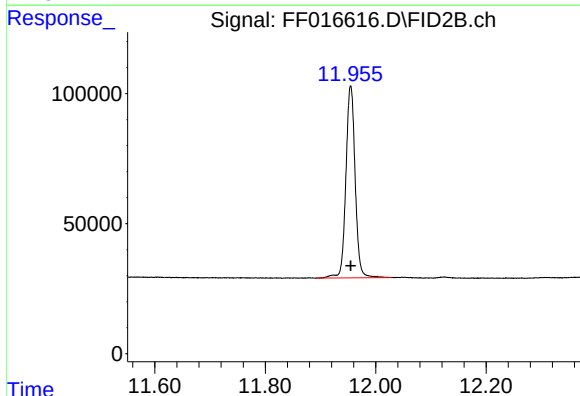
R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 702608
Conc: 5.31 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



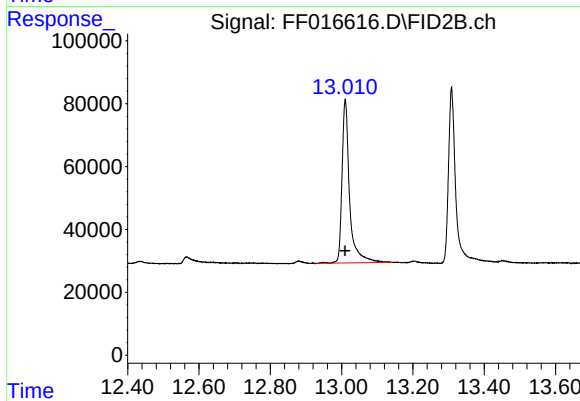
#10 Anthracene (C19.43)

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 774695
Conc: 5.72 ug/ml



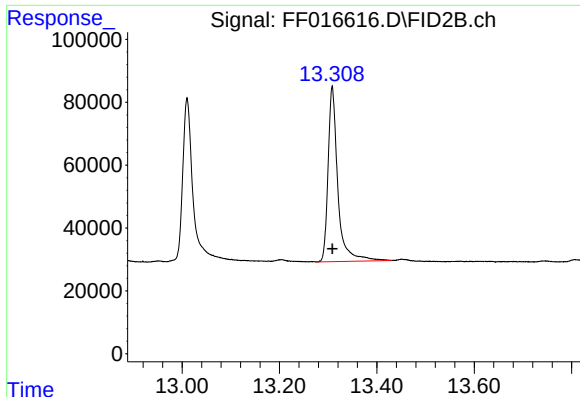
#11 ortho-Terphenyl (SURR)

R.T.: 11.955 min
Delta R.T.: 0.000 min
Response: 859125
Conc: 5.85 ug/ml



#12 Fluoranthene (C21.85)

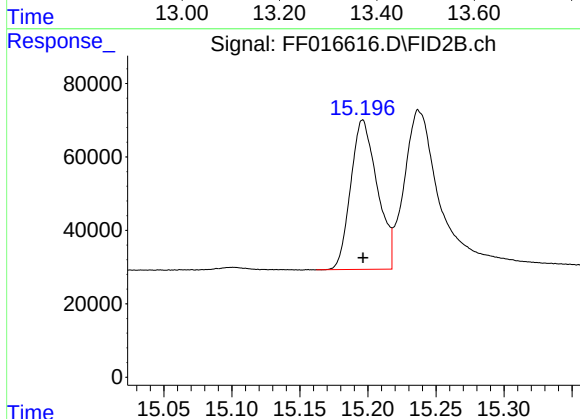
R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 770417
Conc: 5.61 ug/ml



#13 Pyrene (C20.8)

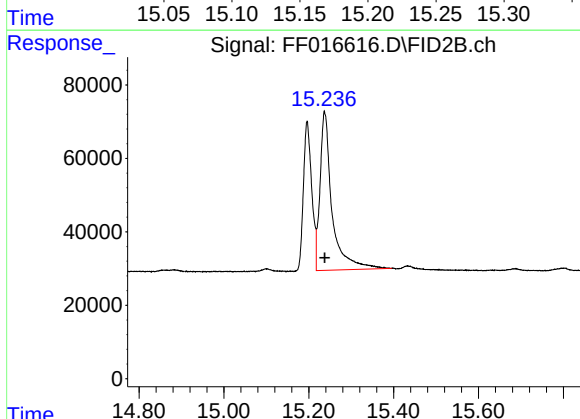
R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 775847
Conc: 5.66 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



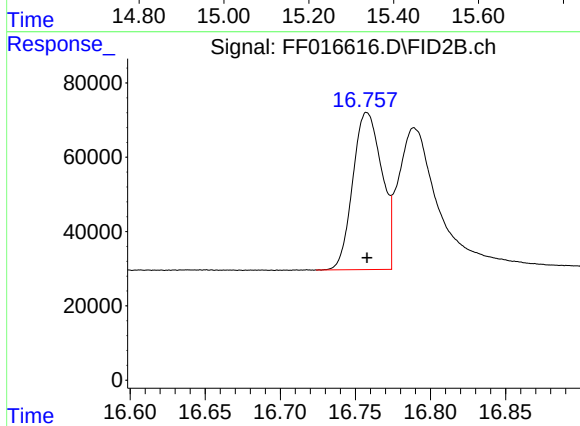
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.196 min
Delta R.T.: 0.000 min
Response: 552895
Conc: 4.85 ug/ml



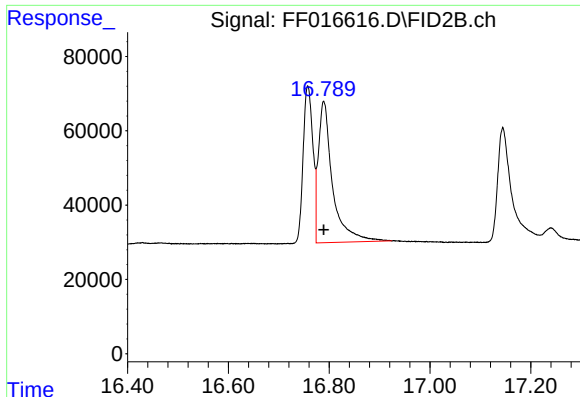
#15 Chrysene (C27.41)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 853938
Conc: 6.05 ug/ml



#16 benzo[b]fluoranthene (C30.41)

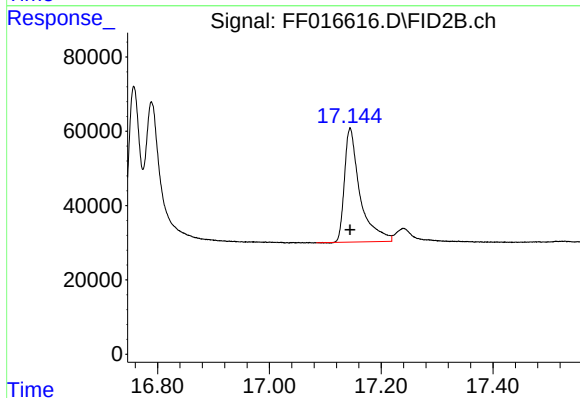
R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 567699
Conc: 5.11 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

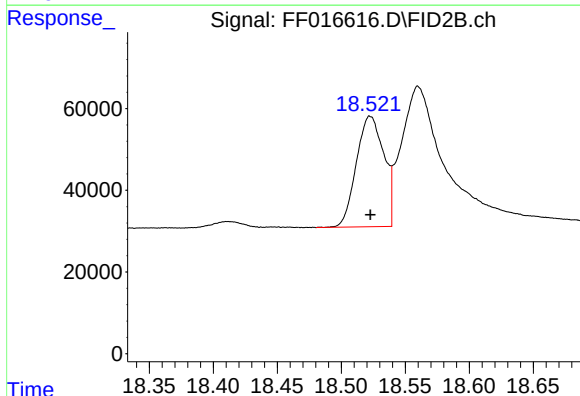
R.T.: 16.789 min
Delta R.T.: 0.000 min
Response: 745013
Conc: 6.10 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



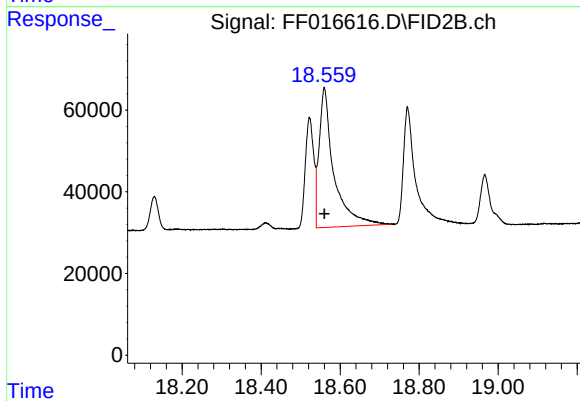
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.145 min
Delta R.T.: 0.000 min
Response: 592115
Conc: 5.40 ug/ml



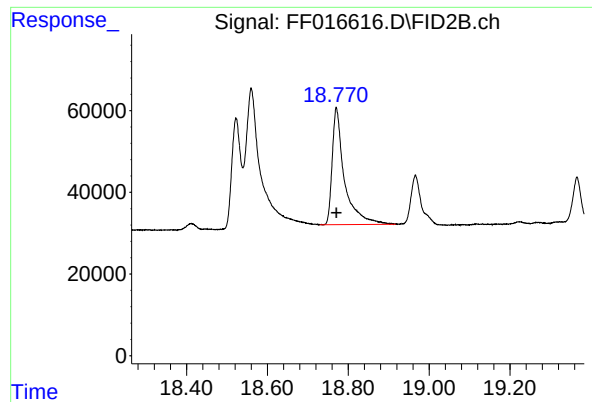
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.523 min
Delta R.T.: 0.000 min
Response: 404761
Conc: 4.70 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.560 min
Delta R.T.: 0.000 min
Response: 886190
Conc: 6.73 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.771 min
Delta R.T.: 0.000 min
Response: 604043
Conc: 5.70 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016616.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 18:07
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.604	4.575	4.675	BB	73517	751692	84.82%	5.265%
2	6.282	6.249	6.384	BB	60788	707229	79.81%	4.954%
3	7.383	7.267	7.497	BB	56387	684382	77.23%	4.794%
4	8.013	7.900	8.112	BB	48196	590557	66.64%	4.136%
5	8.687	8.650	8.790	BB	60087	728251	82.18%	5.101%
6	8.892	8.864	8.959	BV	20147	318482	35.94%	2.231%
7	8.986	8.959	9.089	VB	64565	739096	83.40%	5.177%
8	9.779	9.749	9.924	BB	43032	667777	75.35%	4.677%
9	11.187	11.140	11.238	BV	48923	702608	79.28%	4.921%
10	11.264	11.238	11.430	VB	39436	774695	87.42%	5.426%
11	11.955	11.892	12.029	BB	73814	859125	96.95%	6.018%
12	13.010	12.929	13.140	BB	52001	770417	86.94%	5.396%
13	13.309	13.275	13.430	BB	55741	775847	87.55%	5.434%
14	15.196	15.162	15.218	BV	40723	552895	62.39%	3.873%
15	15.238	15.218	15.395	VB	43167	853938	96.36%	5.981%
16	16.758	16.724	16.774	BV	42345	567699	64.06%	3.976%
17	16.789	16.774	16.924	VB	38027	745013	84.07%	5.218%
18	17.145	17.084	17.219	BV	30683	592115	66.82%	4.147%
19	18.523	18.480	18.539	BV	27122	404761	45.67%	2.835%
20	18.560	18.539	18.730	VBA	34133	886190	100.00%	6.207%
21	18.771	18.730	18.917	BB	28599	604043	68.16%	4.231%
Sum of corrected areas:							14276810	

Aromatic EPH 102925.M Thu Oct 30 03:47:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016617.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 19:06
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 30 03:35:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.015	1989340	17.555 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
6) S 2-Fluorobiphenyl (SURR)	8.891	1263649	17.718 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.44%
11) S ortho-Terphenyl (SURR)	11.956	2549143	17.359 ug/ml
Spiked Amount 50.000		Recovery =	34.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.609	2304294	17.505 ug/ml
2) T Naphthalene (C11.7)	6.285	2322510	17.556 ug/ml
3) T 2-Methylnaphthalene (...)	7.385	2342738	17.623 ug/ml
5) T Acenaphthylene (C15.06)	8.690	2371103	17.550 ug/ml
7) T Acenaphthene (C15.5)	8.989	2440948	17.757 ug/ml
8) T Flouorene (C16.55)	9.780	2289982	17.590 ug/ml
9) T Phenanthrene (C19.36)	11.187	2314662	17.505 ug/ml
10) T Anthracene (C19.43)	11.262	2415928	17.829 ug/ml
12) T Fluoranthene (C21.85)	13.010	2381378	17.352 ug/ml
13) T Pyrene (C20.8)	13.309	2403313	17.537 ug/ml
14) T Benzo[a]anthracene (C...	15.195	2012681	17.672 ug/ml
15) T Chrysene (C27.41)	15.236	2491463	17.655 ug/ml
16) T benzo[b]fluoranthene ...	16.757	1954751	17.589 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	2141375	17.531 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.139	1866797	17.010 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.516	1463400	17.006 ug/ml
20) T Dibenz[a,h]anthracene...	18.556	2179893	16.553 ug/ml
21) T Benzo[g,h,i]perylene ...	18.769	1840657	17.369 ug/ml

(f)=RT Delta > 1/2 Window

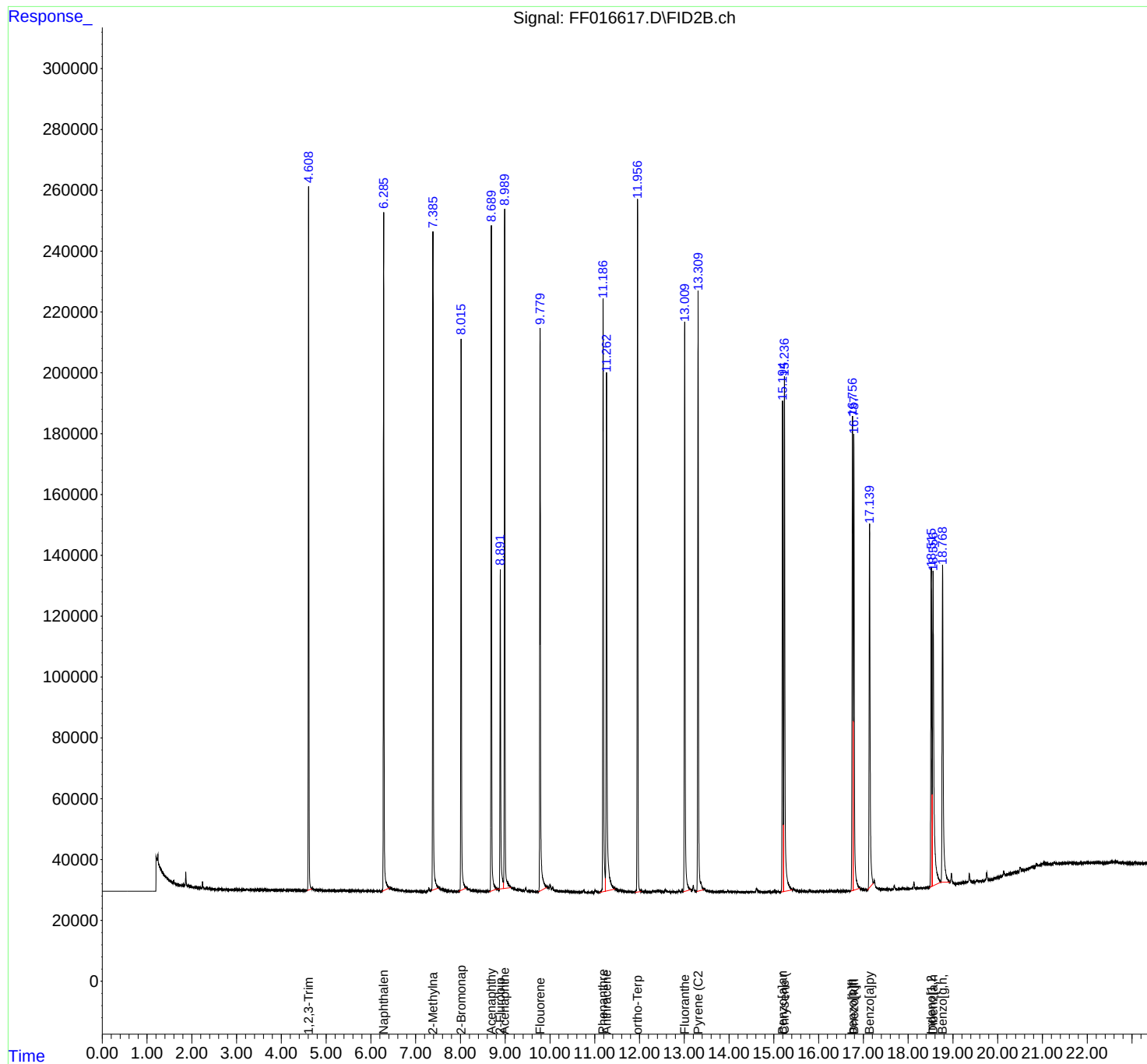
(m)=manual int.

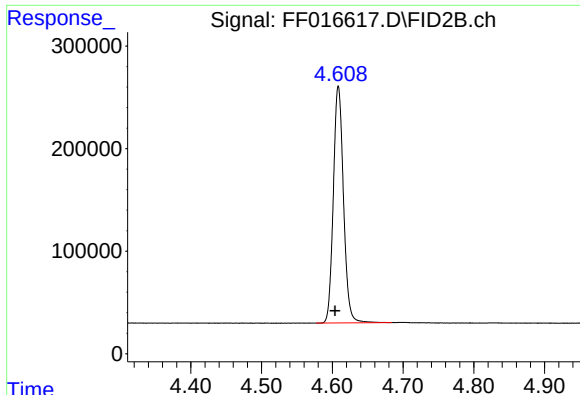
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016617.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 19:06
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 30 03:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 1,2,3-Trimethylbenzene (C10.1)

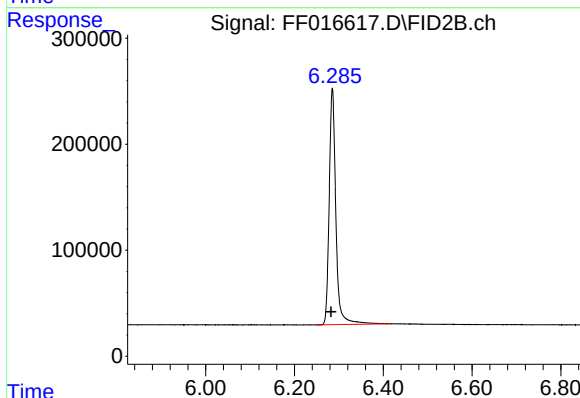
R.T.: 4.609 min
Delta R.T.: 0.005 min
Response: 2304294
Conc: 17.51 ug/ml

Instrument :

FID_F

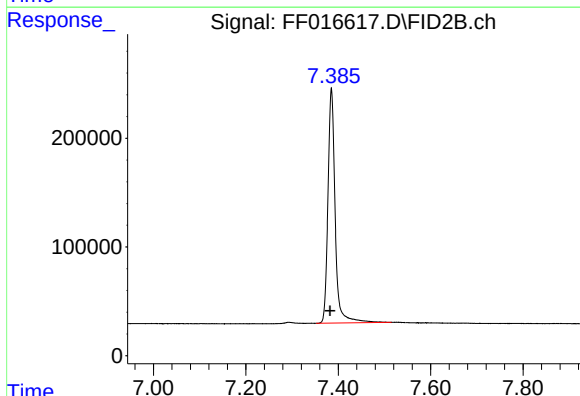
ClientSampleId :

20 PPM AROMATIC HC STD ICV



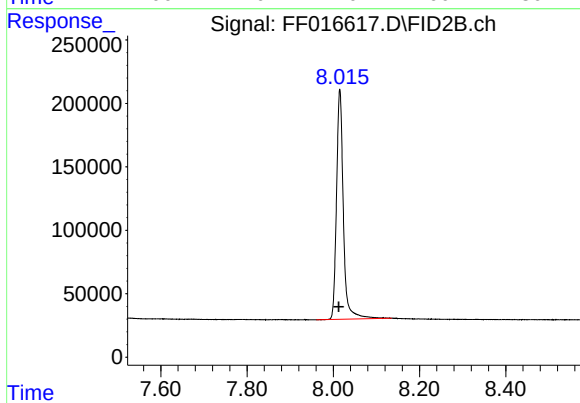
#2 Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.003 min
Response: 2322510
Conc: 17.56 ug/ml



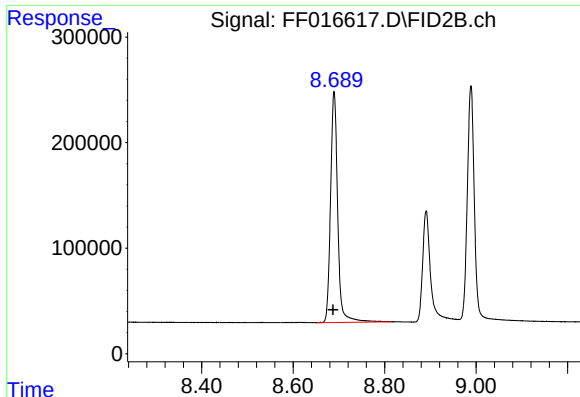
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: 0.003 min
Response: 2342738
Conc: 17.62 ug/ml



#4 2-Bromonaphthalene (SURR)

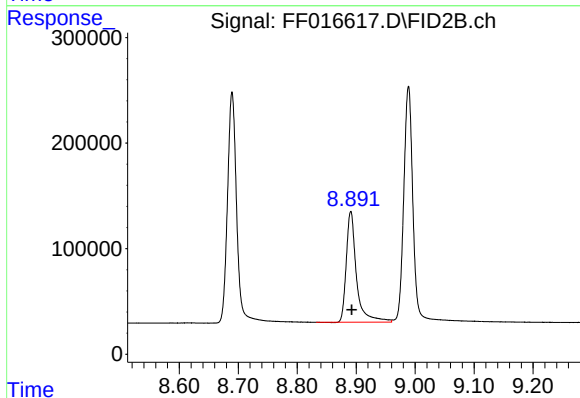
R.T.: 8.015 min
Delta R.T.: 0.002 min
Response: 1989340
Conc: 17.55 ug/ml



#5 Acenaphthylene (C15.06)

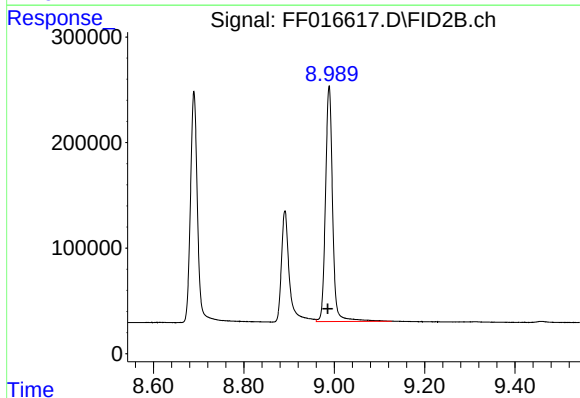
R.T.: 8.690 min
Delta R.T.: 0.002 min
Response: 2371103
Conc: 17.55 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



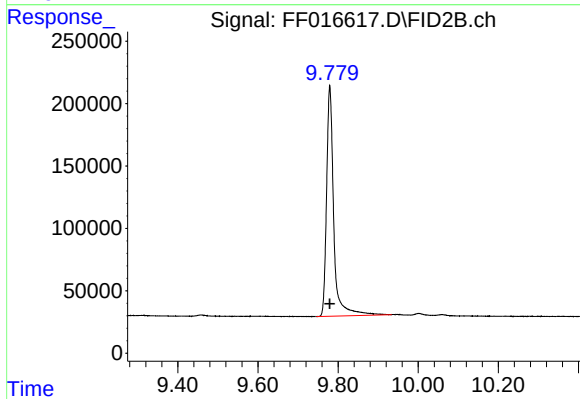
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.891 min
Delta R.T.: -0.001 min
Response: 1263649
Conc: 17.72 ug/ml



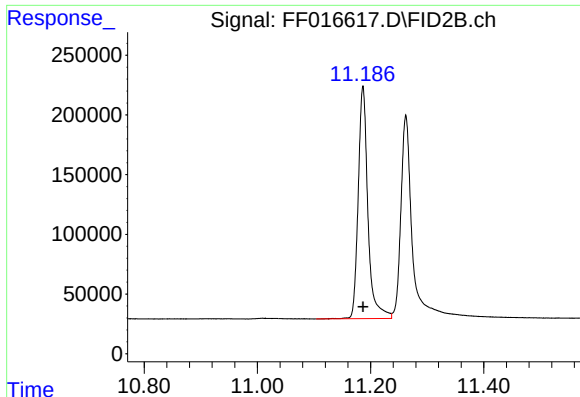
#7 Acenaphthene (C15.5)

R.T.: 8.989 min
Delta R.T.: 0.003 min
Response: 2440948
Conc: 17.76 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 2289982
Conc: 17.59 ug/ml



#9 Phenanthrene (C19.36)

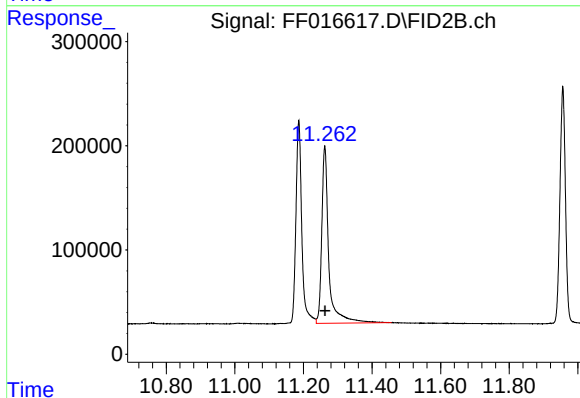
R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 2314662
Conc: 17.50 ug/ml

Instrument :

FID_F

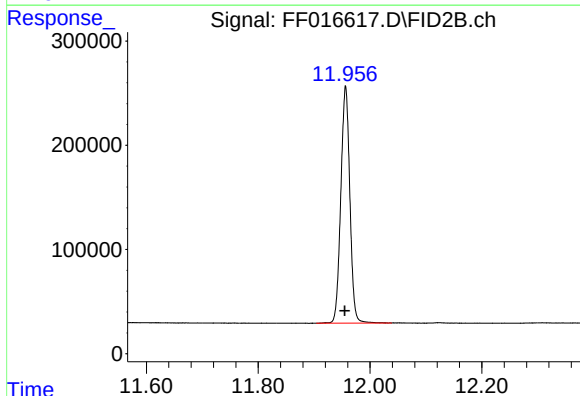
ClientSampleId :

20 PPM AROMATIC HC STD ICV



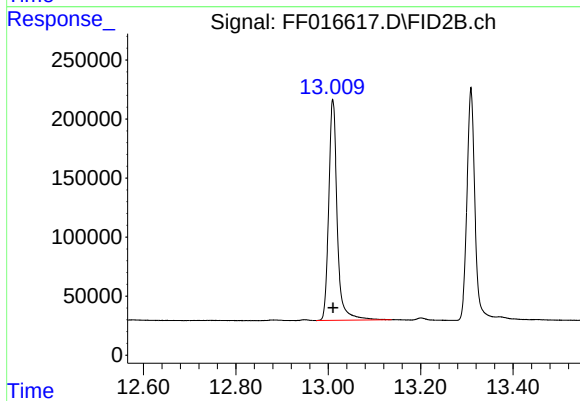
#10 Anthracene (C19.43)

R.T.: 11.262 min
Delta R.T.: -0.001 min
Response: 2415928
Conc: 17.83 ug/ml



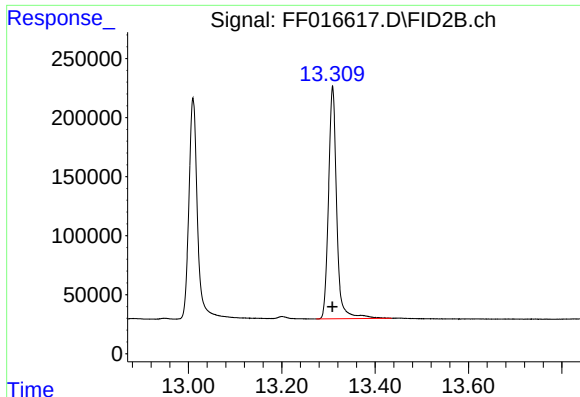
#11 ortho-Terphenyl (SURR)

R.T.: 11.956 min
Delta R.T.: 0.002 min
Response: 2549143
Conc: 17.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 2381378
Conc: 17.35 ug/ml



#13 Pyrene (C20.8)

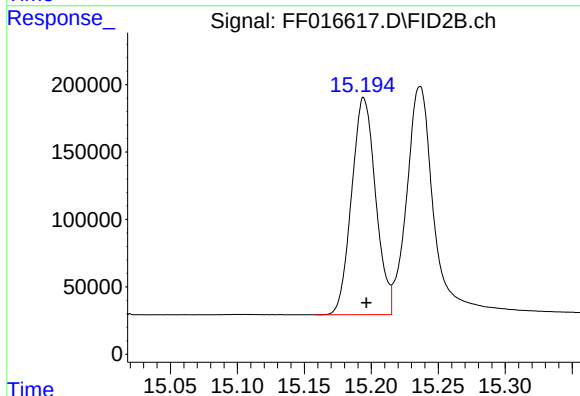
R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 2403313
Conc: 17.54 ug/ml

Instrument :

FID_F

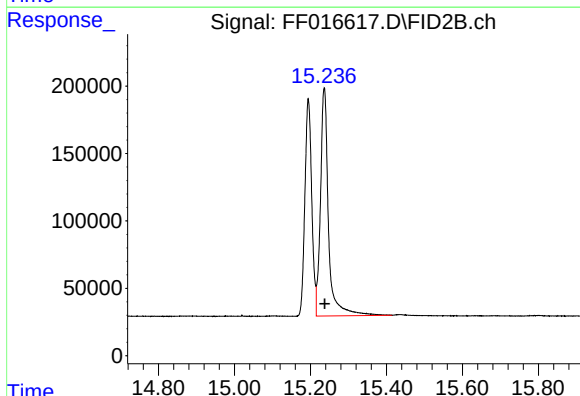
ClientSampleId :

20 PPM AROMATIC HC STD ICV



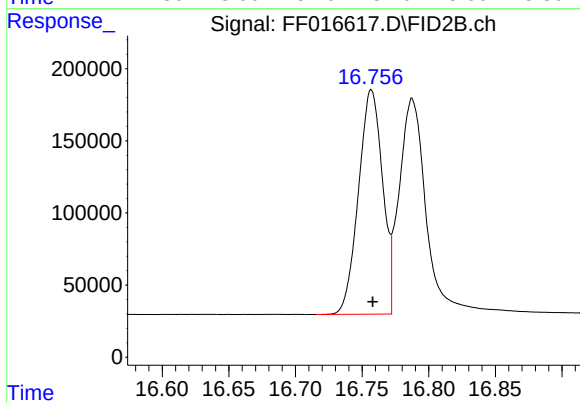
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.195 min
Delta R.T.: -0.002 min
Response: 2012681
Conc: 17.67 ug/ml



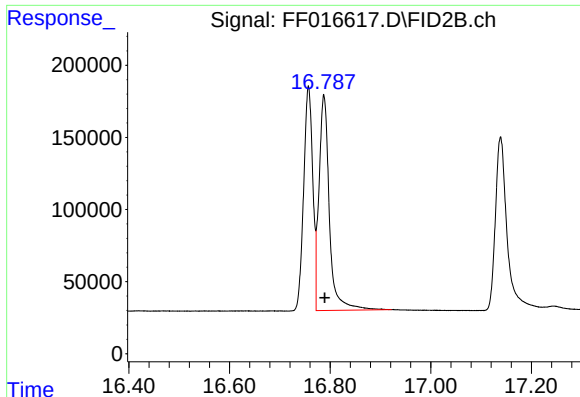
#15 Chrysene (C27.41)

R.T.: 15.236 min
Delta R.T.: -0.001 min
Response: 2491463
Conc: 17.66 ug/ml



#16 benzo[b]fluoranthene (C30.41)

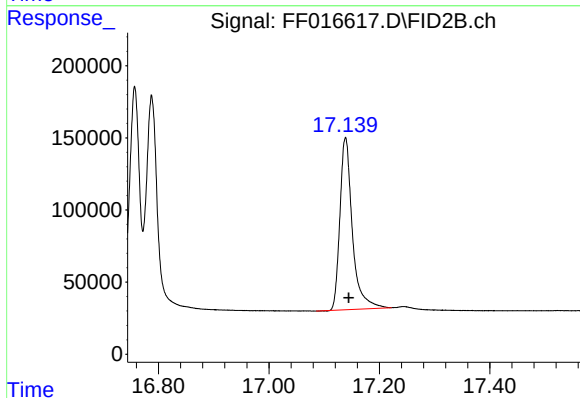
R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 1954751
Conc: 17.59 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

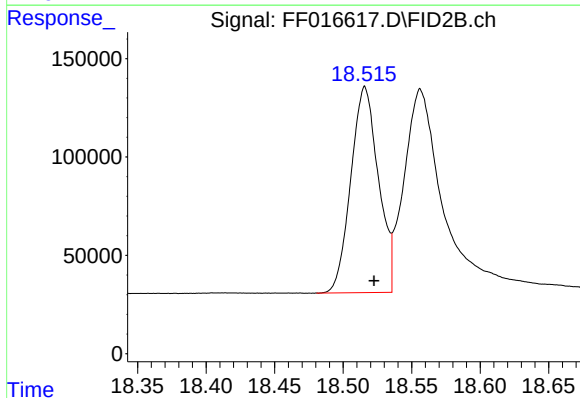
R.T.: 16.788 min
Delta R.T.: -0.002 min
Response: 2141375
Conc: 17.53 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



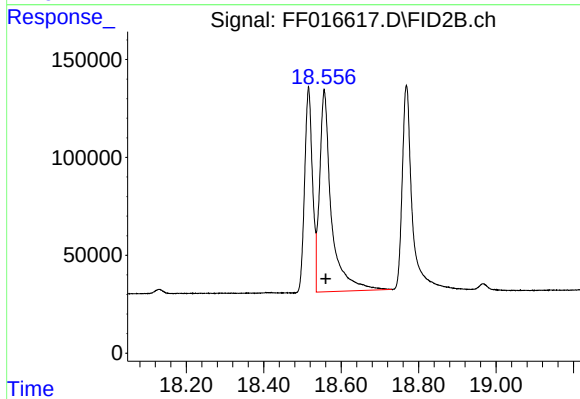
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.139 min
Delta R.T.: -0.006 min
Response: 1866797
Conc: 17.01 ug/ml



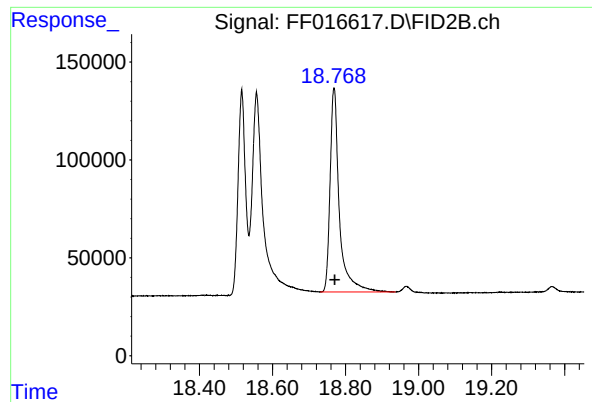
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.516 min
Delta R.T.: -0.007 min
Response: 1463400
Conc: 17.01 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.556 min
Delta R.T.: -0.004 min
Response: 2179893
Conc: 16.55 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.769 min
Delta R.T.: -0.002 min
Response: 1840657
Conc: 17.37 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016617.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 19:06
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.609	4.577	4.684	BB	230932	2304294	90.39%	5.082%
2	6.285	6.249	6.419	BB	222963	2322510	91.11%	5.122%
3	7.385	7.352	7.515	BB	216096	2342738	91.90%	5.167%
4	8.015	7.960	8.135	BB	181217	1989340	78.04%	4.388%
5	8.690	8.650	8.815	BB	218649	2371103	93.02%	5.230%
6	8.891	8.832	8.960	BV	104918	1263649	49.57%	2.787%
7	8.989	8.960	9.127	VB	223541	2440948	95.76%	5.384%
8	9.780	9.745	9.934	BB	184348	2289982	89.83%	5.051%
9	11.187	11.104	11.237	BV	195343	2314662	90.80%	5.105%
10	11.262	11.237	11.457	VB	170050	2415928	94.77%	5.328%
11	11.956	11.904	12.039	BB	227614	2549143	100.00%	5.622%
12	13.010	12.974	13.137	BB	186498	2381378	93.42%	5.252%
13	13.309	13.274	13.435	BB	196908	2403313	94.28%	5.301%
14	15.195	15.159	15.215	BV	161306	2012681	78.96%	4.439%
15	15.236	15.215	15.414	VV	169772	2491463	97.74%	5.495%
16	16.757	16.715	16.772	BV	155607	1954751	76.68%	4.311%
17	16.788	16.772	16.922	VB	149656	2141375	84.00%	4.723%
18	17.139	17.085	17.222	BV	119572	1866797	73.23%	4.117%
19	18.516	18.480	18.536	BV	104765	1463400	57.41%	3.228%
20	18.556	18.536	18.730	VBA	102744	2179893	85.51%	4.808%
21	18.769	18.730	18.937	BV	104180	1840657	72.21%	4.060%
Sum of corrected areas:							45340003	

Aromatic EPH 102925.M Thu Oct 30 03:47:52 2025

Initial Calibration Report for SequenceID : FG102925AL

AreaCount

Parameter Range	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.D	
Aliphatic C9-C12	34262467.000	18492584.000	7254295.000	3738287.000	1905143.000	
Aliphatic C12-C16	23563142.000	12790679.000	4920528.000	2484208.000	1213101.000	
Aliphatic C16-C21	36760469.000	20195600.000	7804680.000	4060755.000	2090588.000	
Aliphatic C21-C28	48743388.000	27416427.000	10278435.000	5677486.000	3316302.000	
Aliphatic C28-C40	57463919.000	32655580.000	12432103.000	7187522.000	4228641.000	
Aliphatic EPH	200793385.000	111550870.000	42690041.000	23148258.000	12753775.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	122003.2266662	4.004				
Aliphatic C12-C16	122851.24	3.023				
Aliphatic C16-C21	132396.2526664	4.852				
Aliphatic C21-C28	139034.6585	12.12				
Aliphatic C28-C40	113794.5446664	15.39				
Aliphatic EPH	124878.1566664	9.088				

Concentration

Parameter Range	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.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	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.D	
Aliphatic C9-C12	114208.223333	123283.893333	120904.916666	124609.566666	127009.533333	
Aliphatic C12-C16	117815.710000	127906.790000	123013.200000	124210.400000	121310.100000	
Aliphatic C16-C21	122534.896666	134637.333333	130078.000000	135358.500000	139372.533333	

Initial Calibration Report for SequenceID : FG102925AL

Aliphatic C21-C28	121858.470000	137082.135000	128480.437500	141937.150000	165815.100000	
Aliphatic C28-C40	95773.198333	108851.933333	103600.858333	119792.033333	140954.700000	
Aliphatic EPH	111551.880555	123945.411111	118583.447222	128601.433333	141708.611111	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016848.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 14:35
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 29 16:04:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:59:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.044	7531998	47.583 ug/ml
Spiked Amount 50.000		Recovery =	95.17%
12) S 1-chlorooctadecane (S...	13.489	5878008	48.019 ug/ml
Spiked Amount 50.000		Recovery =	96.04%
Target Compounds			
1) T n-Nonane (C9)	3.366	6042983	48.496 ug/ml
2) T n-Decane (C10)	4.627	6178483	47.723 ug/ml
3) T A~Naphthalene (C11.7)	6.345	6612393	48.051 ug/ml
4) T n-Dodecane (C12)	6.808	6271118	47.281 ug/ml
5) T A~2-methylnaphthalene...	7.449	6282755	47.791 ug/ml
6) T n-Tetradecane (C14)	8.648	6252076	47.392 ug/ml
7) T n-Hexadecane (C16)	10.267	6538603	47.536 ug/ml
8) T n-Octadecane (C18)	11.721	6790694	47.661 ug/ml
10) T n-Eicosane (C20)	13.040	6721621	47.882 ug/ml
11) T n-Heneicosane (C21)	13.656	6683285	47.957 ug/ml
13) T n-Docosane (C22)	14.246	6759846	48.277 ug/ml
14) T n-Tetracosane (C24)	15.358	6933085	48.923 ug/ml
15) T n-Hexacosane (C26)	16.386	6894790	49.104 ug/ml
16) T n-Octacosane (C28)	17.341	6828706	49.402 ug/ml
17) T n-Tricontane (C30)	18.234	6876786	49.224 ug/ml
18) T n-Dotriacontane (C32)	19.071	6568252	49.320 ug/ml
19) T n-Tetratriacontane (C34)	19.861	5868504	49.848 ug/ml
20) T n-Hexatriacontane (C36)	20.603	4926509	51.501 ug/ml
21) T n-Octatriacontane (C38)	21.381	4376085	53.713 ug/ml
22) T n-Tetracontane (C40)	22.364	4039444	55.069 ug/ml

(f)=RT Delta > 1/2 Window

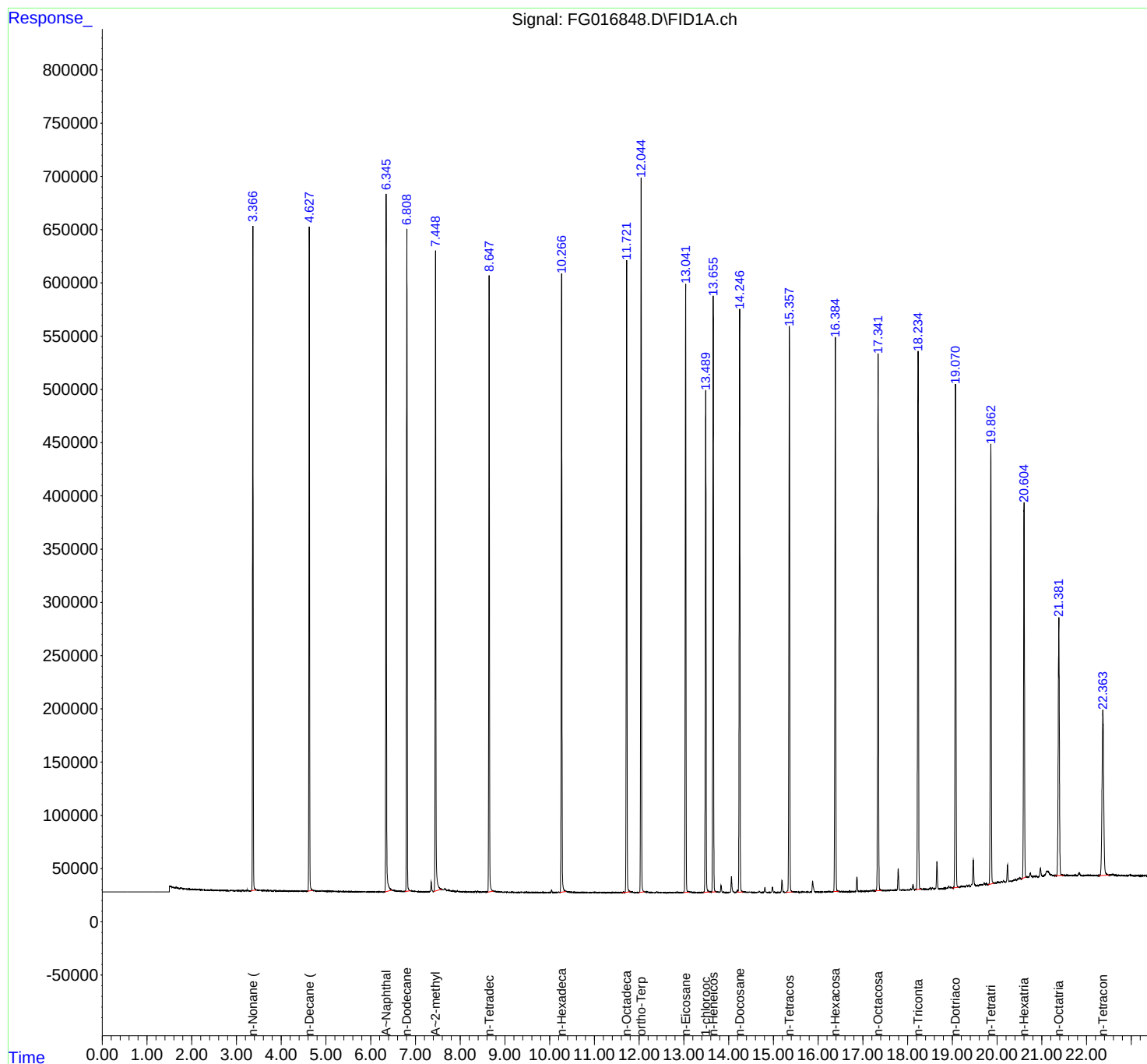
(m)=manual int.

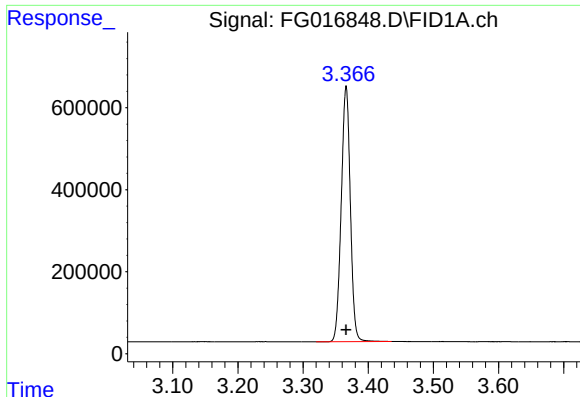
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
Data File : FG016848.D
Signal(s) : FID1A.ch
Acq On : 29 Oct 2025 14:35
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 29 16:04:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 15:59:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

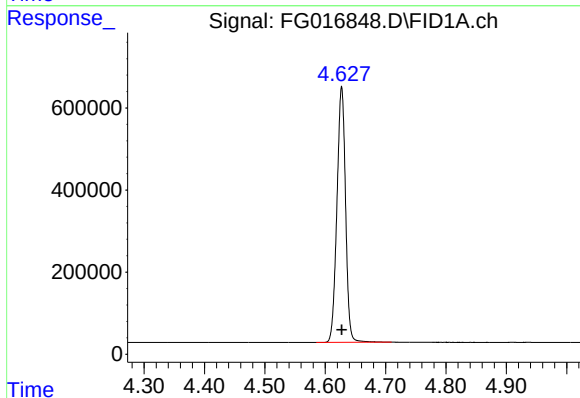




#1 n-Nonane (C9)

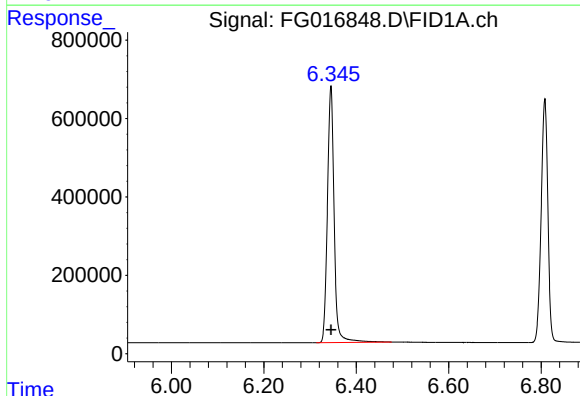
R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 6042983
Conc: 48.50 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



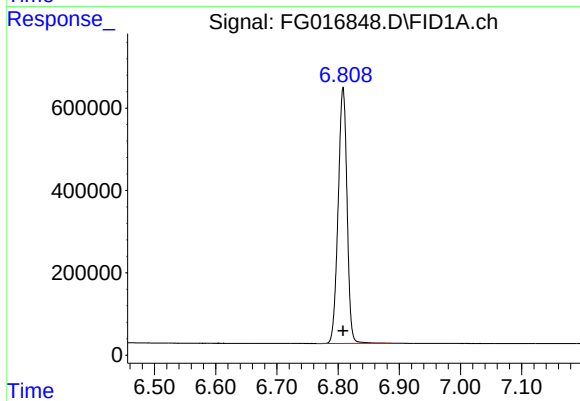
#2 n-Decane (C10)

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 6178483
Conc: 47.72 ug/ml



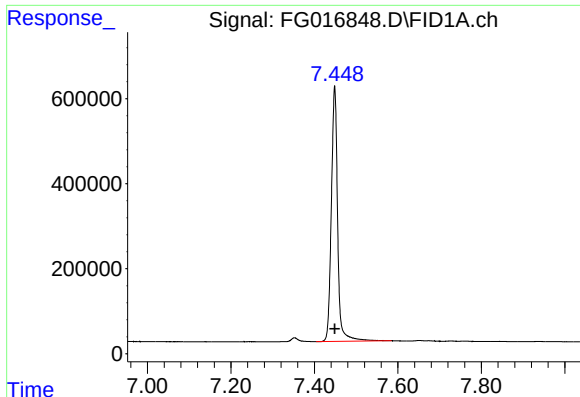
#3 A~Naphthalene (C11.7)

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 6612393
Conc: 48.05 ug/ml



#4 n-Dodecane (C12)

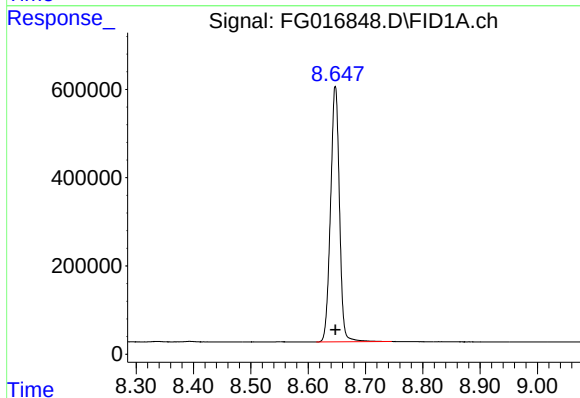
R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 6271118
Conc: 47.28 ug/ml



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

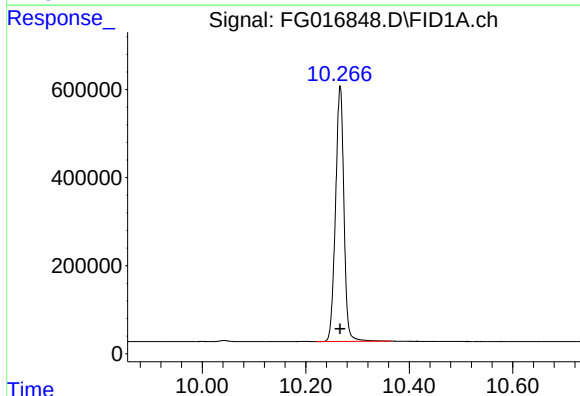
R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 6282755
Conc: 47.79 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



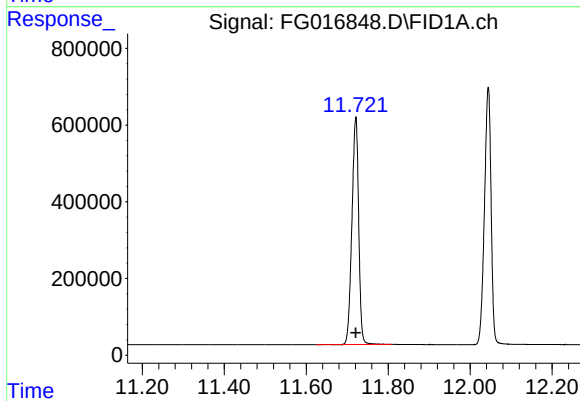
#6 n-Tetradecane (C14)

R.T.: 8.648 min
Delta R.T.: 0.000 min
Response: 6252076
Conc: 47.39 ug/ml



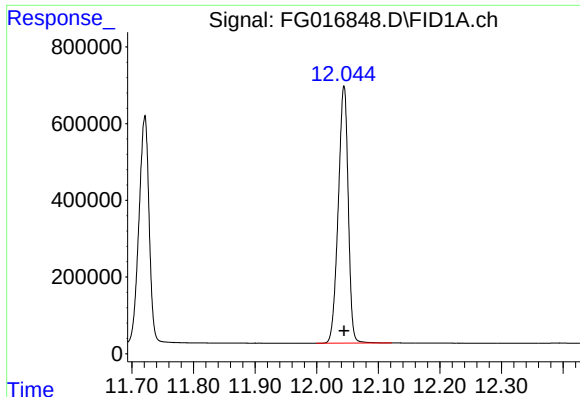
#7 n-Hexadecane (C16)

R.T.: 10.267 min
Delta R.T.: 0.000 min
Response: 6538603
Conc: 47.54 ug/ml



#8 n-Octadecane (C18)

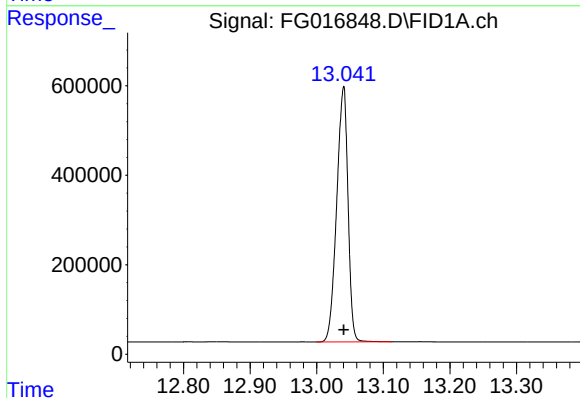
R.T.: 11.721 min
Delta R.T.: 0.000 min
Response: 6790694
Conc: 47.66 ug/ml



#9 ortho-Terphenyl (SURR)

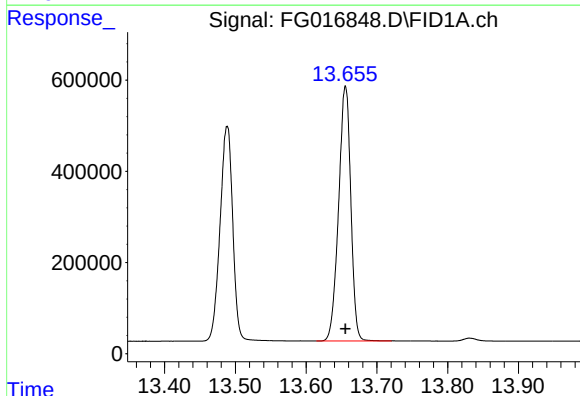
R.T.: 12.044 min
Delta R.T.: 0.000 min
Response: 7531998
Conc: 47.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



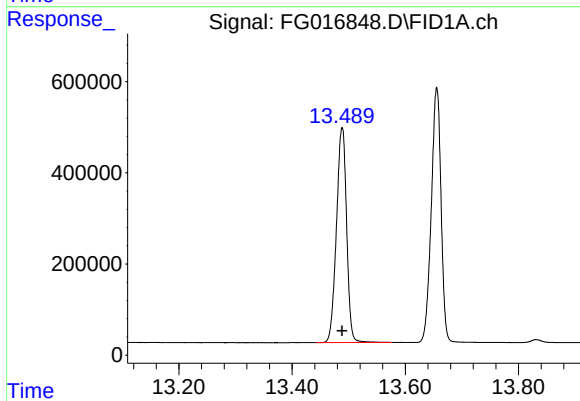
#10 n-Eicosane (C20)

R.T.: 13.040 min
Delta R.T.: 0.000 min
Response: 6721621
Conc: 47.88 ug/ml



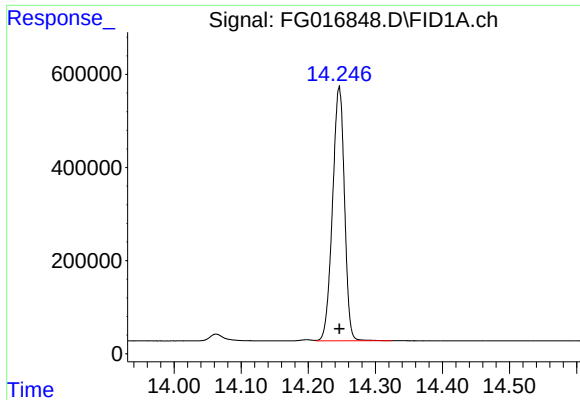
#11 n-Heneicosane (C21)

R.T.: 13.656 min
Delta R.T.: 0.000 min
Response: 6683285
Conc: 47.96 ug/ml



#12 1-chlorooctadecane (SURR)

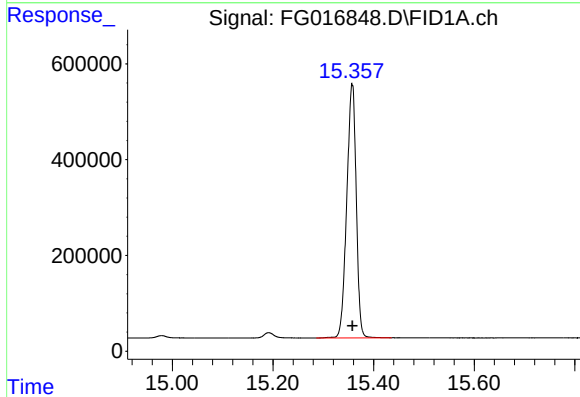
R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 5878008
Conc: 48.02 ug/ml



#13 n-Docosane (C22)

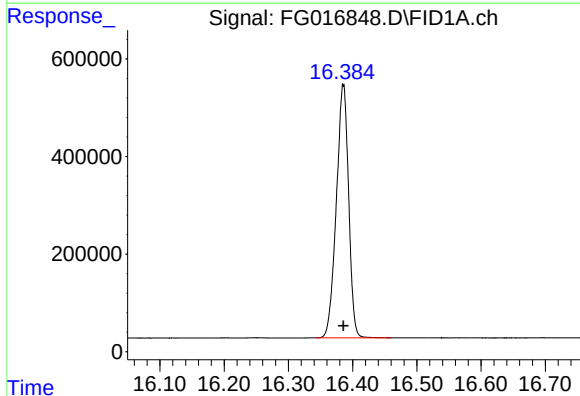
R.T.: 14.246 min
Delta R.T.: 0.000 min
Response: 6759846
Conc: 48.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



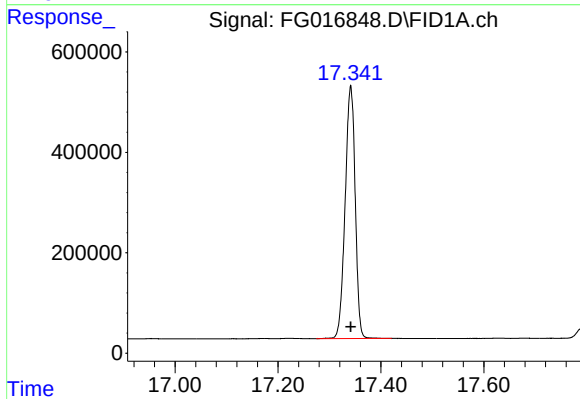
#14 n-Tetracosane (C24)

R.T.: 15.358 min
Delta R.T.: 0.000 min
Response: 6933085
Conc: 48.92 ug/ml



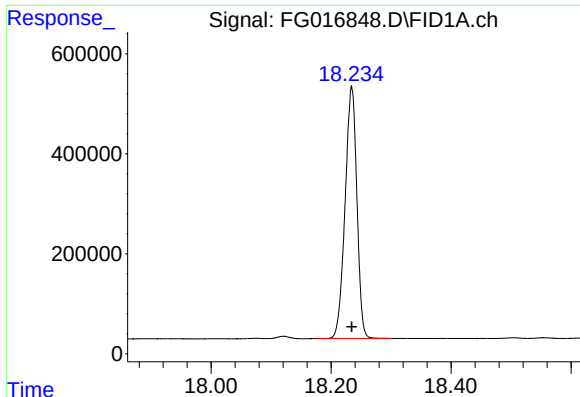
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: 0.000 min
Response: 6894790
Conc: 49.10 ug/ml



#16 n-Octacosane (C28)

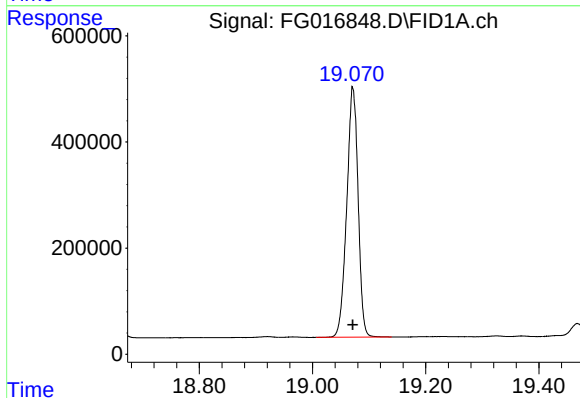
R.T.: 17.341 min
Delta R.T.: 0.000 min
Response: 6828706
Conc: 49.40 ug/ml



#17 n-Tricontane (C30)

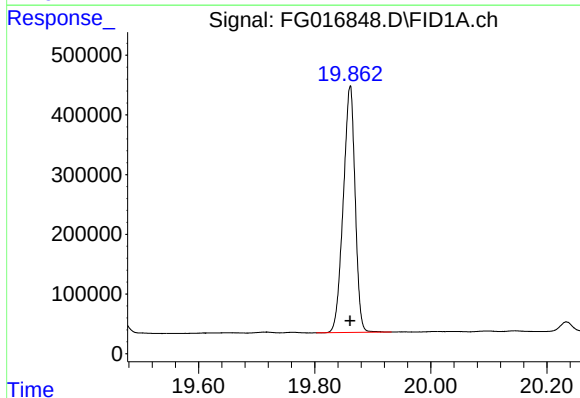
R.T.: 18.234 min
Delta R.T.: 0.000 min
Response: 6876786
Conc: 49.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



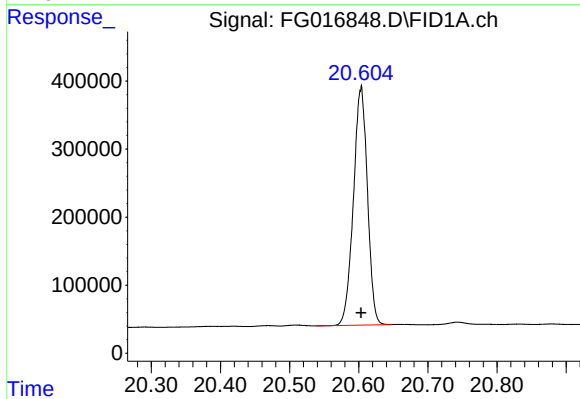
#18 n-Dotriacontane (C32)

R.T.: 19.071 min
Delta R.T.: 0.000 min
Response: 6568252
Conc: 49.32 ug/ml



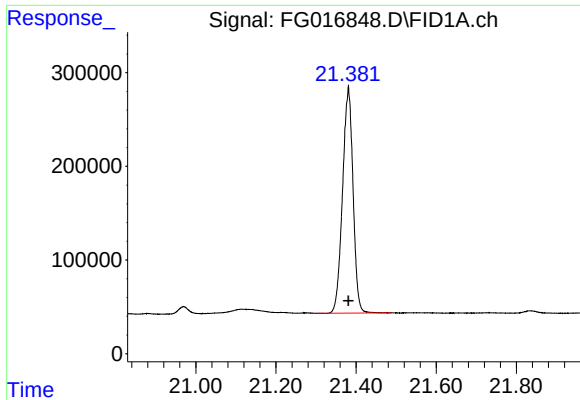
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: 0.000 min
Response: 5868504
Conc: 49.85 ug/ml



#20 n-Hexatriacontane (C36)

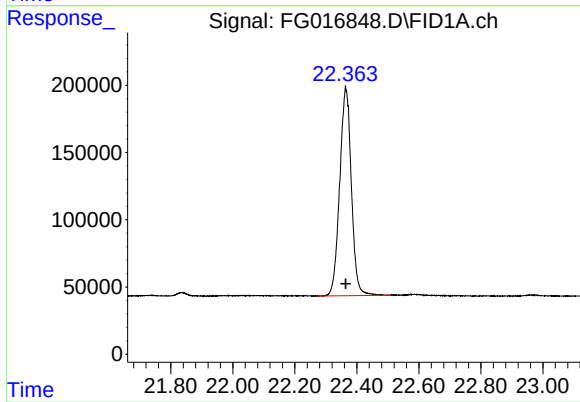
R.T.: 20.603 min
Delta R.T.: 0.000 min
Response: 4926509
Conc: 51.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: 0.000 min
Response: 4376085
Conc: 53.71 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: 0.000 min
Response: 4039444
Conc: 55.07 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
Data File : FG016848.D
Signal(s) : FID1A.ch
Acq On : 29 Oct 2025 14:35
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.366	3.320	3.436	BB	623325	6042983	80.23%	4.384%
2	4.627	4.585	4.710	BB	623436	6178483	82.03%	4.482%
3	6.345	6.313	6.477	BB	654988	6612393	87.79%	4.797%
4	6.808	6.764	6.888	BB	621916	6271118	83.26%	4.549%
5	7.449	7.404	7.585	BB	601134	6282755	83.41%	4.557%
6	8.648	8.614	8.746	BB	578718	6252076	83.01%	4.535%
7	10.267	10.220	10.366	BB	579308	6538603	86.81%	4.743%
8	11.721	11.624	11.808	BB	591140	6790694	90.16%	4.926%
9	12.044	11.999	12.122	BB	670846	7531998	100.00%	5.464%
10	13.040	12.999	13.113	BB	571889	6721621	89.24%	4.876%
11	13.489	13.443	13.576	BB	470465	5878008	78.04%	4.264%
12	13.656	13.614	13.721	BB	559258	6683285	88.73%	4.848%
13	14.246	14.212	14.324	VB	544753	6759846	89.75%	4.904%
14	15.358	15.286	15.436	BB	528715	6933085	92.05%	5.029%
15	16.386	16.343	16.461	BB	515581	6894790	91.54%	5.001%
16	17.341	17.274	17.421	BB	504682	6828706	90.66%	4.954%
17	18.234	18.175	18.301	BB	504187	6876786	91.30%	4.988%
18	19.071	19.007	19.140	BB	470108	6568252	87.20%	4.765%
19	19.861	19.803	19.933	BB	412300	5868504	77.91%	4.257%
20	20.603	20.538	20.648	BB	348001	4926509	65.41%	3.574%
21	21.381	21.300	21.489	BB	240649	4376085	58.10%	3.174%
22	22.364	22.269	22.512	BB	155118	4039444	53.63%	2.930%
Sum of corrected areas:						137856024		

Aliphatic EPH 102925.M Thu Oct 30 04:23:48 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016849.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 15:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 29 15:59:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:59:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.040	2941633	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.485	2246048	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.366	2372266	20.000 ug/ml
2) T n-Decane (C10)	4.626	2424932	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.344	2492344	20.000 ug/ml
4) T n-Dodecane (C12)	6.806	2457097	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.447	2312070	20.000 ug/ml
6) T n-Tetradecane (C14)	8.646	2412151	20.000 ug/ml
7) T n-Hexadecane (C16)	10.263	2508377	20.000 ug/ml
8) T n-Octadecane (C18)	11.717	2624333	20.000 ug/ml
10) T n-Eicosane (C20)	13.036	2598091	20.000 ug/ml
11) T n-Heneicosane (C21)	13.652	2582256	20.000 ug/ml
13) T n-Docosane (C22)	14.242	2582634	20.000 ug/ml
14) T n-Tetracosane (C24)	15.354	2595371	20.000 ug/ml
15) T n-Hexacosane (C26)	16.382	2571602	20.000 ug/ml
16) T n-Octacosane (C28)	17.339	2528828	20.000 ug/ml
17) T n-Tricontane (C30)	18.233	2587123	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.069	2492426	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2248838	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.602	1908352	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.379	1678792	20.000 ug/ml
22) T n-Tetracontane (C40)	22.363	1516572	20.000 ug/ml

(f)=RT Delta > 1/2 Window

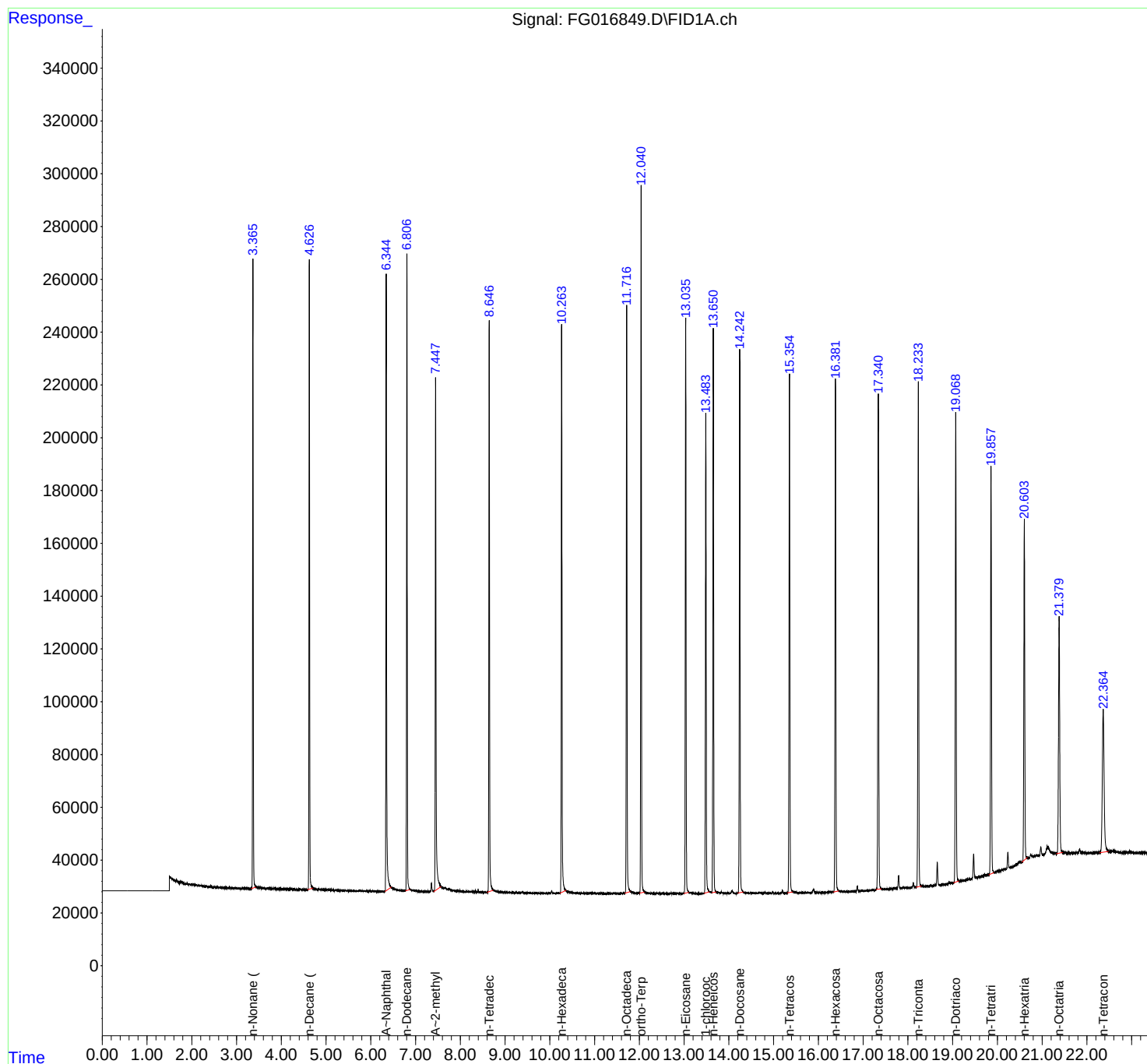
(m)=manual int.

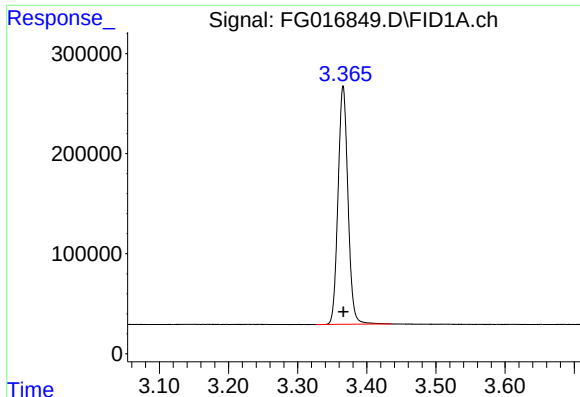
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
Data File : FG016849.D
Signal(s) : FID1A.ch
Acq On : 29 Oct 2025 15:04
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 29 15:59:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 15:59:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

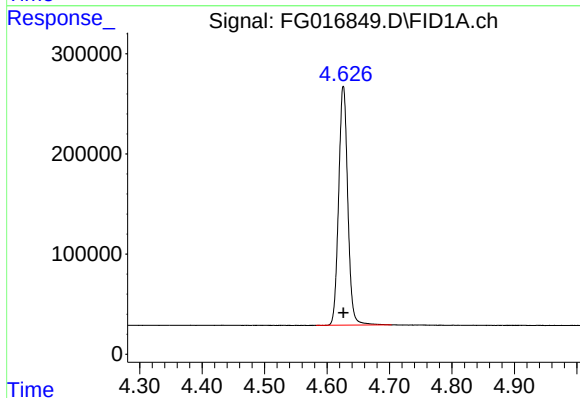




#1 n-Nonane (C9)

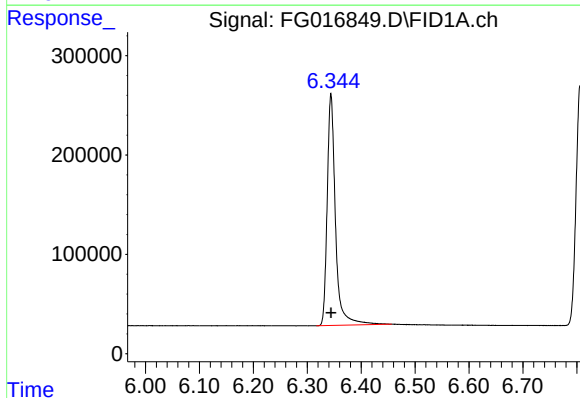
R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 2372266
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



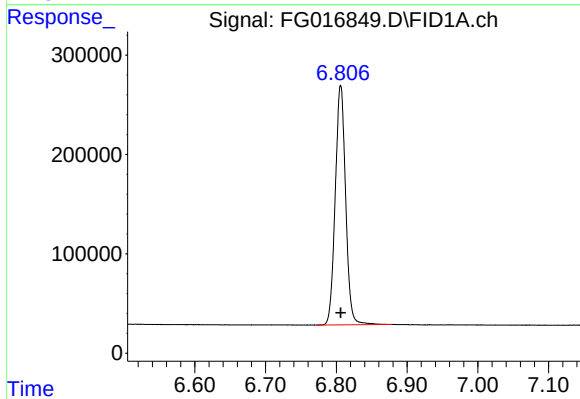
#2 n-Decane (C10)

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 2424932
Conc: 20.00 ug/ml



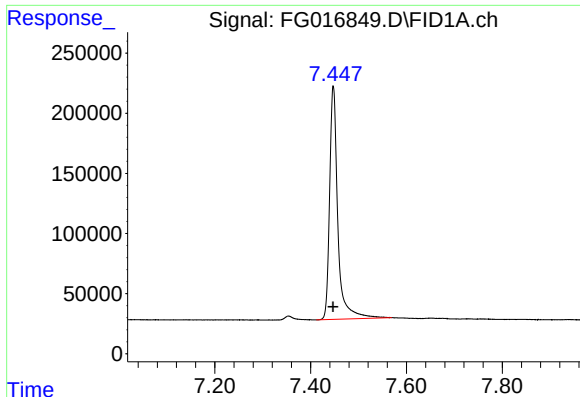
#3 A~Naphthalene (C11.7)

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 2492344
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

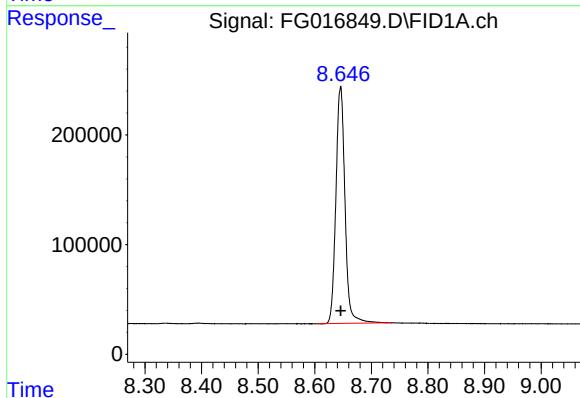
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 2457097
Conc: 20.00 ug/ml



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

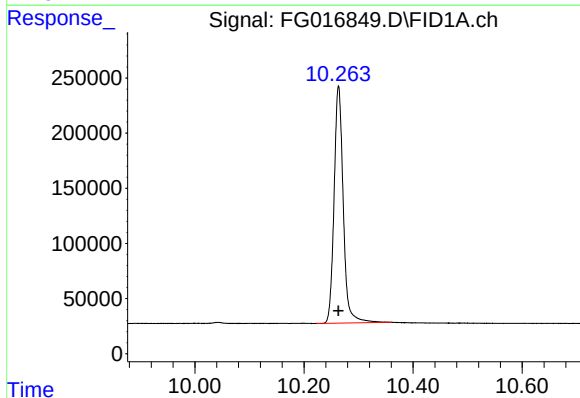
R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 2312070
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



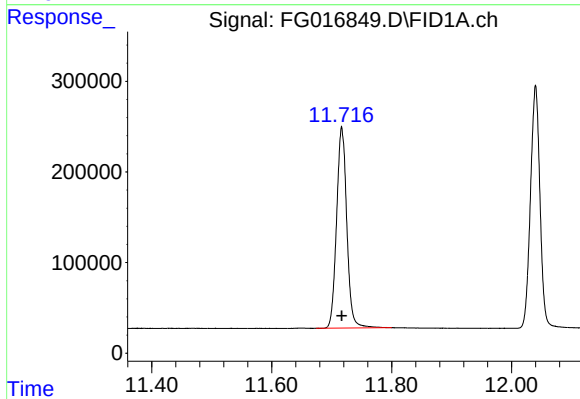
#6 n-Tetradecane (C14)

R.T.: 8.646 min
Delta R.T.: 0.000 min
Response: 2412151
Conc: 20.00 ug/ml



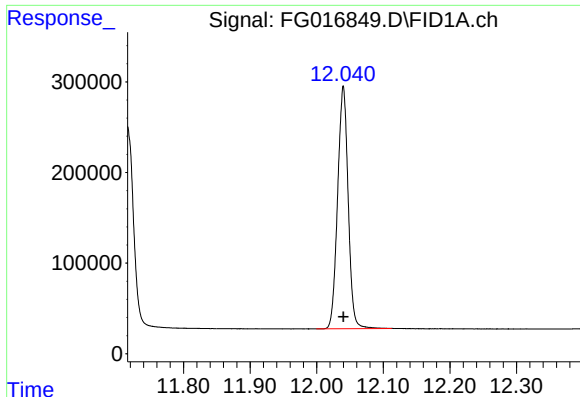
#7 n-Hexadecane (C16)

R.T.: 10.263 min
Delta R.T.: 0.000 min
Response: 2508377
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

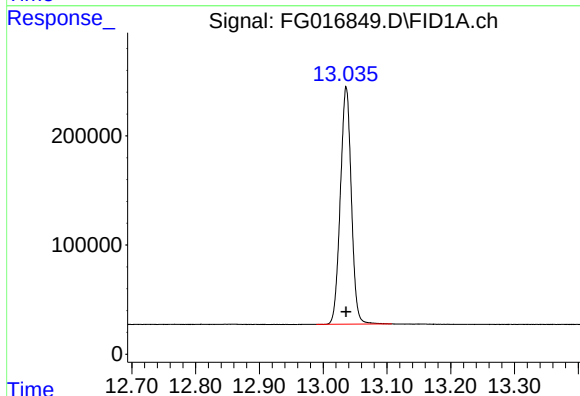
R.T.: 11.717 min
Delta R.T.: 0.000 min
Response: 2624333
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

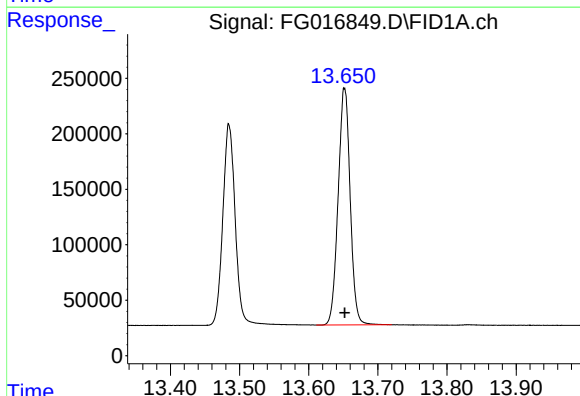
R.T.: 12.040 min
Delta R.T.: 0.000 min
Response: 2941633
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



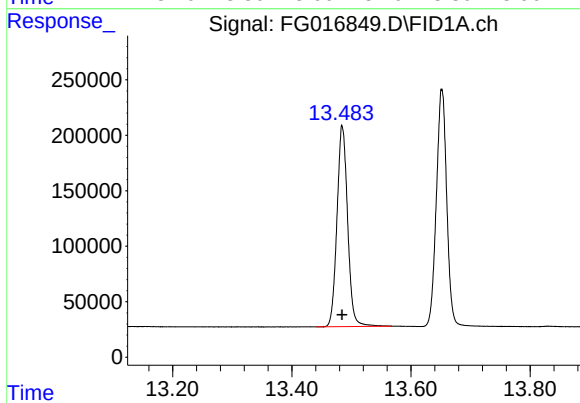
#10 n-Eicosane (C20)

R.T.: 13.036 min
Delta R.T.: 0.000 min
Response: 2598091
Conc: 20.00 ug/ml



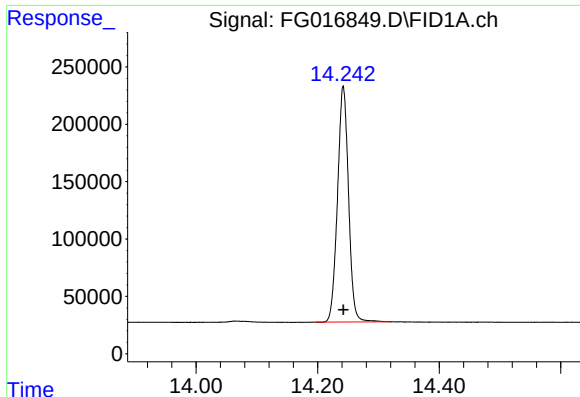
#11 n-Heneicosane (C21)

R.T.: 13.652 min
Delta R.T.: 0.000 min
Response: 2582256
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

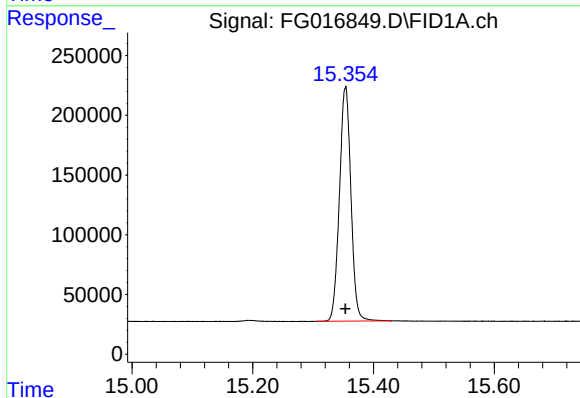
R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 2246048
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

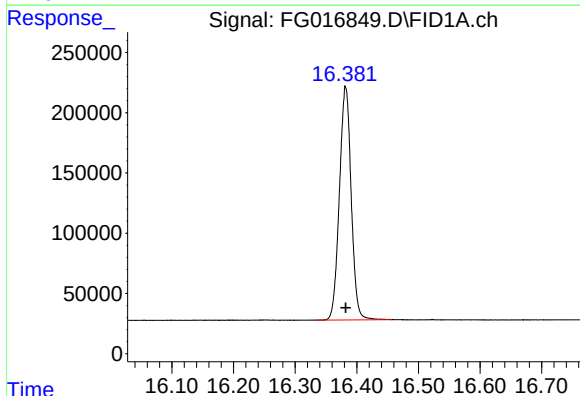
R.T.: 14.242 min
Delta R.T.: 0.000 min
Response: 2582634
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



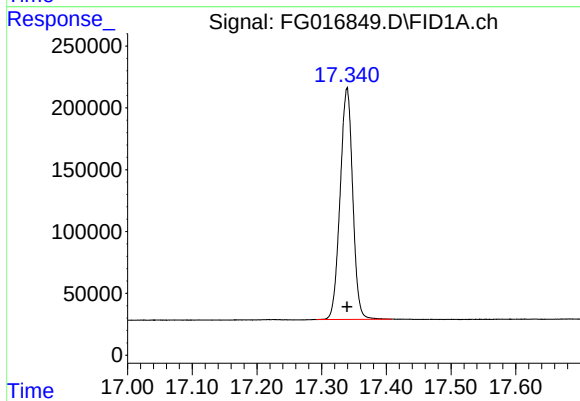
#14 n-Tetracosane (C24)

R.T.: 15.354 min
Delta R.T.: 0.000 min
Response: 2595371
Conc: 20.00 ug/ml



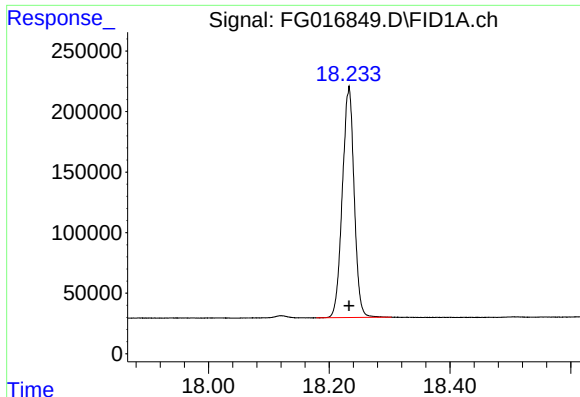
#15 n-Hexacosane (C26)

R.T.: 16.382 min
Delta R.T.: 0.000 min
Response: 2571602
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

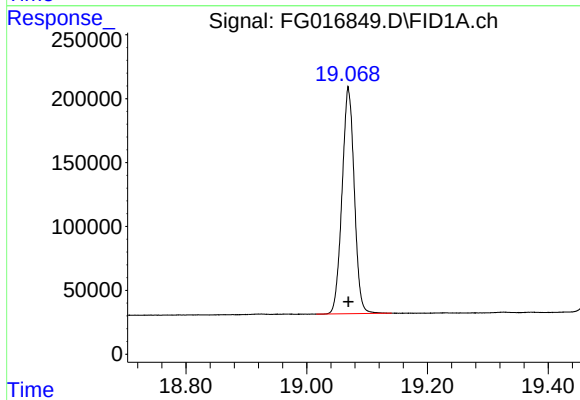
R.T.: 17.339 min
Delta R.T.: 0.000 min
Response: 2528828
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

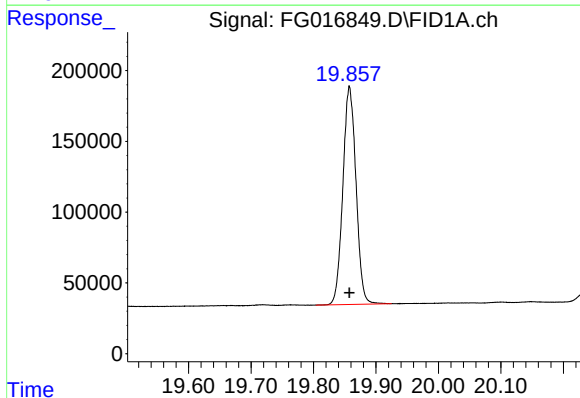
R.T.: 18.233 min
Delta R.T.: 0.000 min
Response: 2587123
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



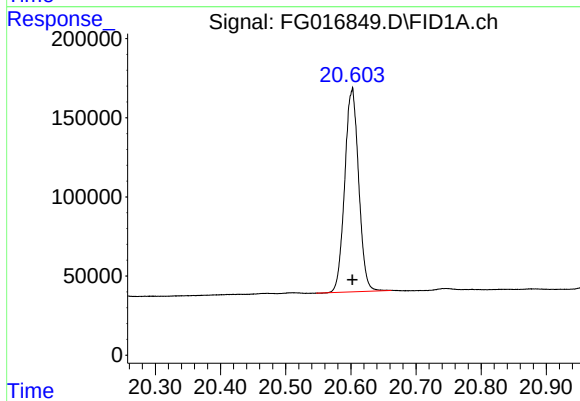
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: 0.000 min
Response: 2492426
Conc: 20.00 ug/ml



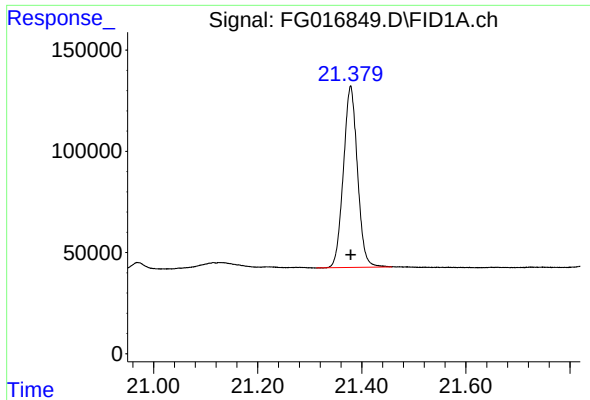
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: 0.000 min
Response: 2248838
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

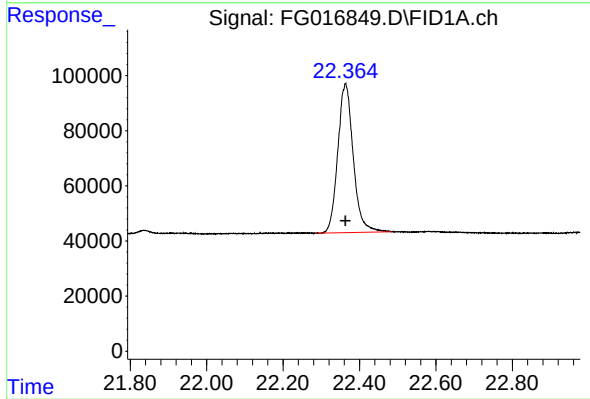
R.T.: 20.602 min
Delta R.T.: 0.000 min
Response: 1908352
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: 0.000 min
Response: 1678792
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.363 min
Delta R.T.: 0.000 min
Response: 1516572
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016849.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 15:04
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.366	3.327	3.436	BB	238274	2372266	80.64%	4.503%
2	4.626	4.583	4.703	BB	238637	2424932	82.43%	4.603%
3	6.344	6.317	6.457	BB	233236	2492344	84.73%	4.731%
4	6.806	6.772	6.878	BB	241132	2457097	83.53%	4.664%
5	7.447	7.412	7.569	BB	193856	2312070	78.60%	4.389%
6	8.646	8.603	8.736	BB	216212	2412151	82.00%	4.579%
7	10.263	10.223	10.361	BB	215133	2508377	85.27%	4.761%
8	11.717	11.674	11.800	BB	222275	2624333	89.21%	4.981%
9	12.040	11.999	12.113	BB	267964	2941633	100.00%	5.584%
10	13.036	12.989	13.108	BB	217473	2598091	88.32%	4.932%
11	13.485	13.441	13.568	BB	180339	2246048	76.35%	4.263%
12	13.652	13.611	13.720	BB	212743	2582256	87.78%	4.902%
13	14.242	14.198	14.322	BB	205649	2582634	87.80%	4.902%
14	15.354	15.305	15.430	BB	195159	2595371	88.23%	4.926%
15	16.382	16.334	16.457	BB	193497	2571602	87.42%	4.881%
16	17.339	17.292	17.408	BB	186749	2528828	85.97%	4.800%
17	18.233	18.178	18.303	BB	190216	2587123	87.95%	4.911%
18	19.069	19.016	19.141	BB	177059	2492426	84.73%	4.731%
19	19.858	19.804	19.925	BB	154267	2248838	76.45%	4.269%
20	20.602	20.547	20.663	BB	128551	1908352	64.87%	3.622%
21	21.379	21.313	21.458	BB	89639	1678792	57.07%	3.187%
22	22.364	22.287	22.484	BB	54089	1516572	51.56%	2.879%
Sum of corrected areas:							52682136	

Aliphatic EPH 102925.M Thu Oct 30 04:25:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016850.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 15:34
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 29 16:07:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:59:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.039	1540407	9.797 ug/ml
Spiked Amount 50.000		Recovery =	19.59%
12) S 1-chlorooctadecane (S...	13.484	1159523	9.599 ug/ml
Spiked Amount 50.000		Recovery =	19.20%
Target Compounds			
1) T n-Nonane (C9)	3.365	1227509	9.888 ug/ml
2) T n-Decane (C10)	4.625	1247197	9.722 ug/ml
3) T A~Naphthalene (C11.7)	6.344	1241007	9.245 ug/ml
4) T n-Dodecane (C12)	6.805	1263581	9.641 ug/ml
5) T A~2-methylnaphthalene...	7.448	1107098	8.767 ug/ml
6) T n-Tetradecane (C14)	8.645	1226376	9.463 ug/ml
7) T n-Hexadecane (C16)	10.264	1257832	9.344 ug/ml
8) T n-Octadecane (C18)	11.716	1342945	9.563 ug/ml
10) T n-Eicosane (C20)	13.035	1359854	9.763 ug/ml
11) T n-Heneicosane (C21)	13.650	1357956	9.807 ug/ml
13) T n-Docosane (C22)	14.242	1388013	9.935 ug/ml
14) T n-Tetracosane (C24)	15.353	1422731	10.030 ug/ml
15) T n-Hexacosane (C26)	16.382	1429320	10.134 ug/ml
16) T n-Octacosane (C28)	17.338	1437422	10.296 ug/ml
17) T n-Tricontane (C30)	18.231	1500914	10.548 ug/ml
18) T n-Dotriacontane (C32)	19.069	1477442	10.799 ug/ml
19) T n-Tetratriacontane (C34)	19.859	1305571	10.796 ug/ml
20) T n-Hexatriacontane (C36)	20.601	1079984	10.937 ug/ml
21) T n-Octatriacontane (C38)	21.379	965119	11.323 ug/ml
22) T n-Tetracontane (C40)	22.364	858492	11.226 ug/ml

(f)=RT Delta > 1/2 Window

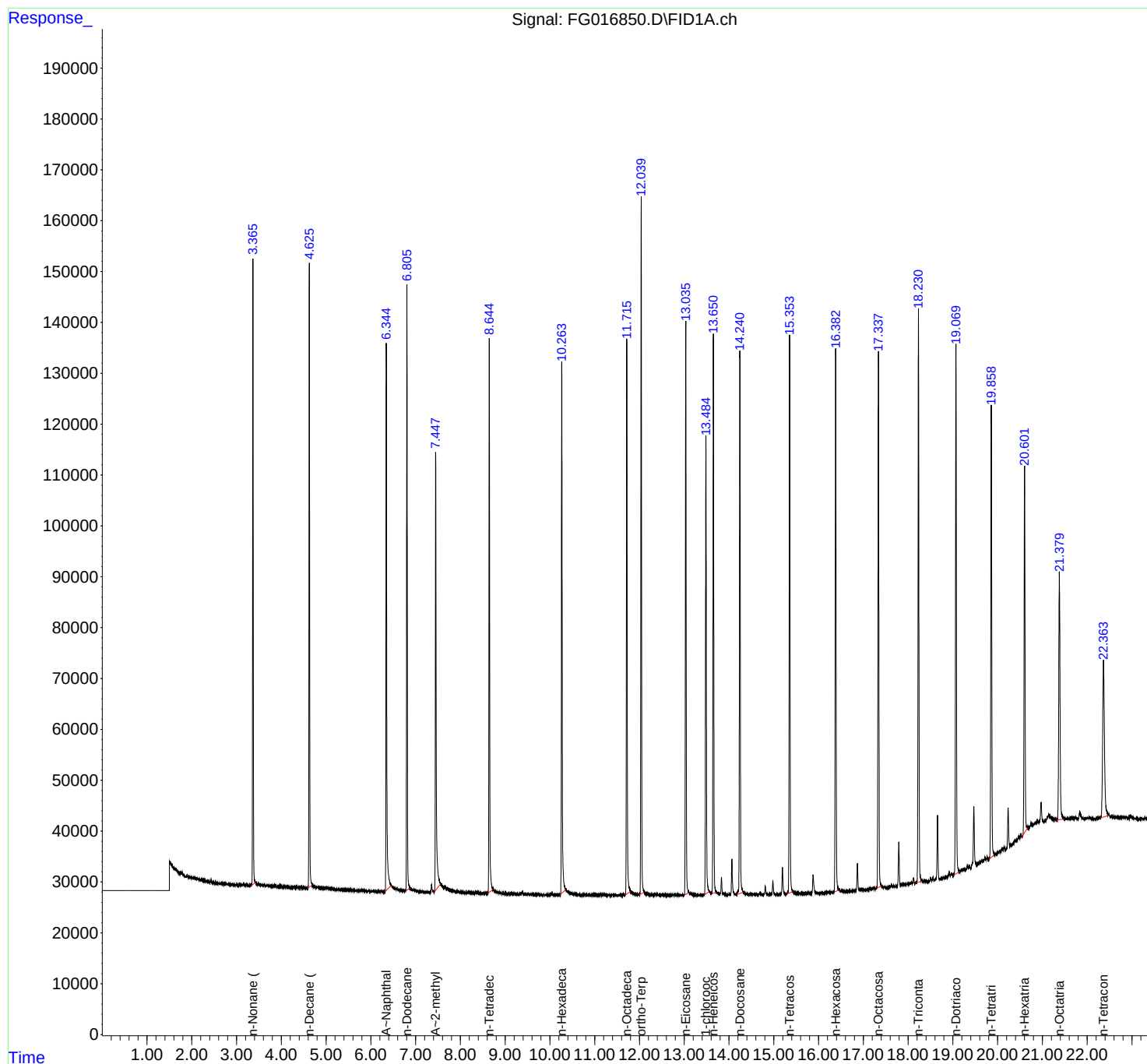
(m)=manual int.

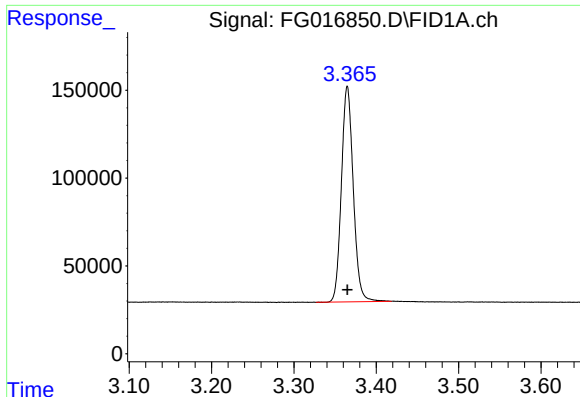
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
Data File : FG016850.D
Signal(s) : FID1A.ch
Acq On : 29 Oct 2025 15:34
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 29 16:07:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 15:59:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

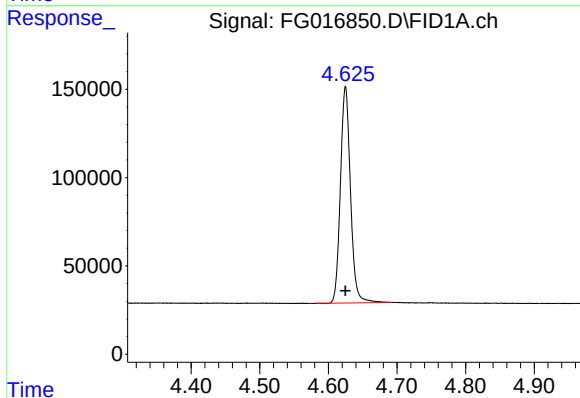




#1 n-Nonane (C9)

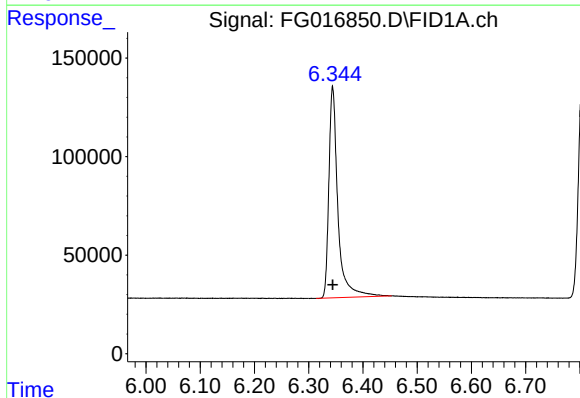
R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 1227509
Conc: 9.89 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



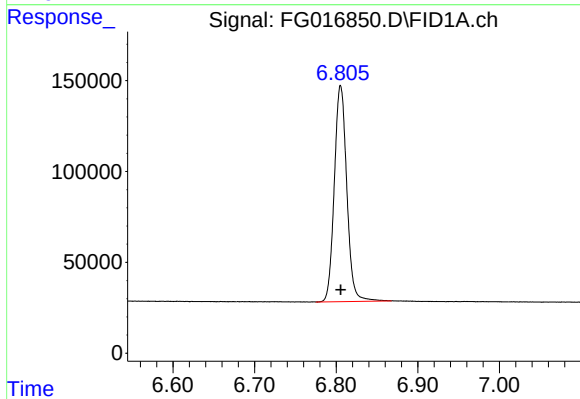
#2 n-Decane (C10)

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 1247197
Conc: 9.72 ug/ml



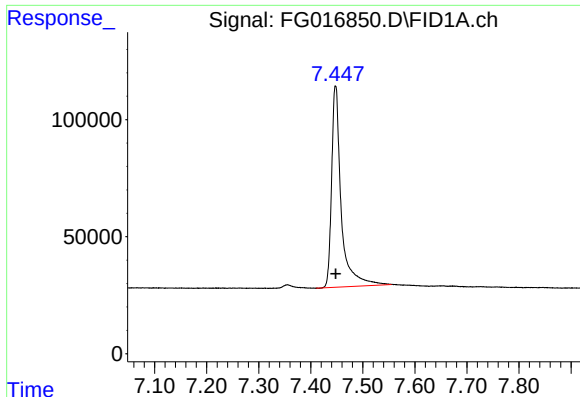
#3 A~Naphthalene (C11.7)

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 1241007
Conc: 9.25 ug/ml



#4 n-Dodecane (C12)

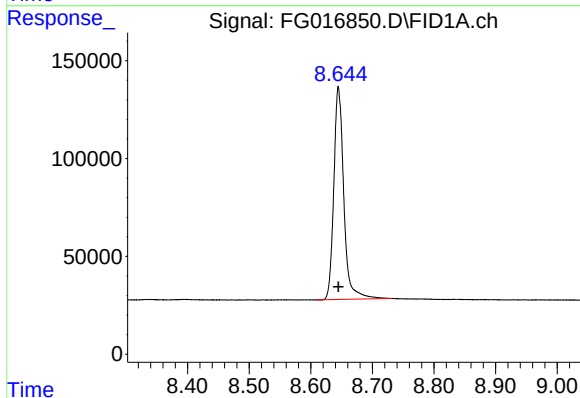
R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 1263581
Conc: 9.64 ug/ml



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

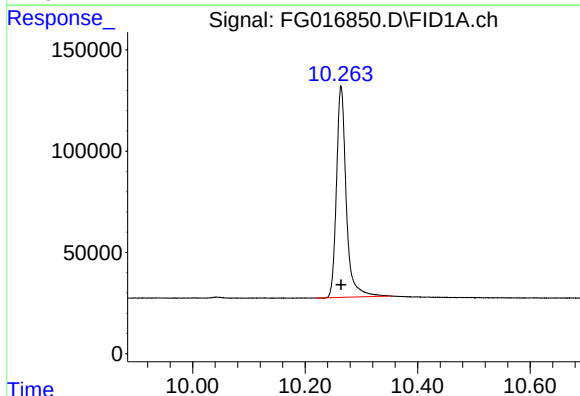
R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 1107098
Conc: 8.77 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



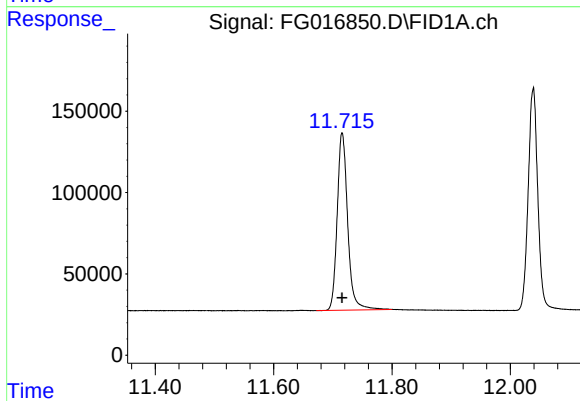
#6 n-Tetradecane (C14)

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 1226376
Conc: 9.46 ug/ml



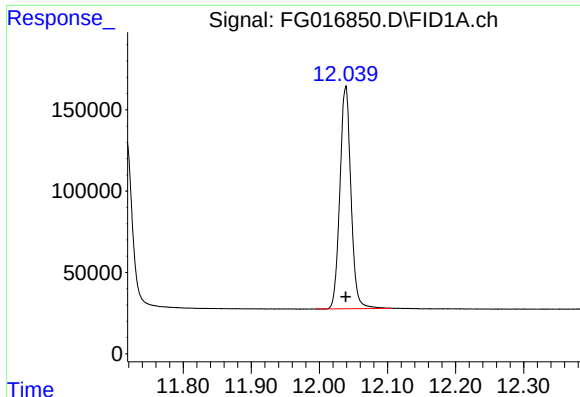
#7 n-Hexadecane (C16)

R.T.: 10.264 min
Delta R.T.: 0.000 min
Response: 1257832
Conc: 9.34 ug/ml



#8 n-Octadecane (C18)

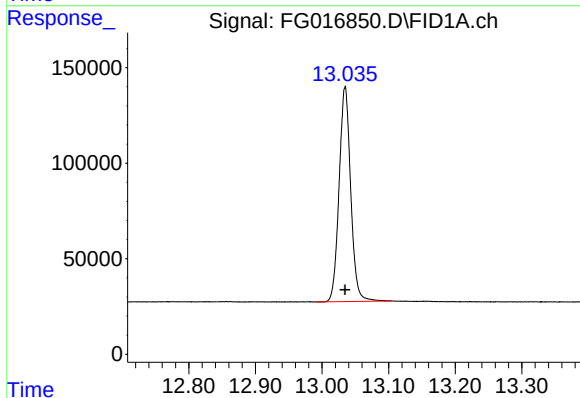
R.T.: 11.716 min
Delta R.T.: 0.000 min
Response: 1342945
Conc: 9.56 ug/ml



#9 ortho-Terphenyl (SURR)

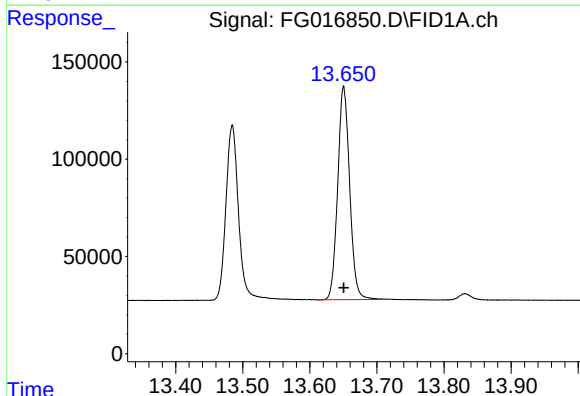
R.T.: 12.039 min
Delta R.T.: 0.000 min
Response: 1540407
Conc: 9.80 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



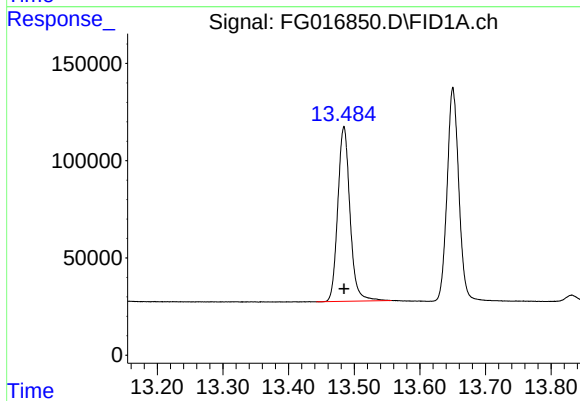
#10 n-Eicosane (C20)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 1359854
Conc: 9.76 ug/ml



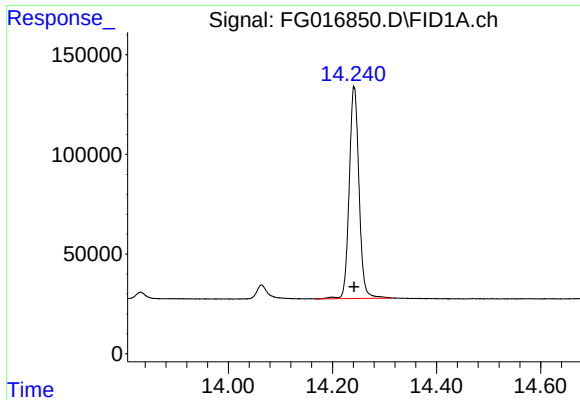
#11 n-Heneicosane (C21)

R.T.: 13.650 min
Delta R.T.: 0.000 min
Response: 1357956
Conc: 9.81 ug/ml



#12 1-chlorooctadecane (SURR)

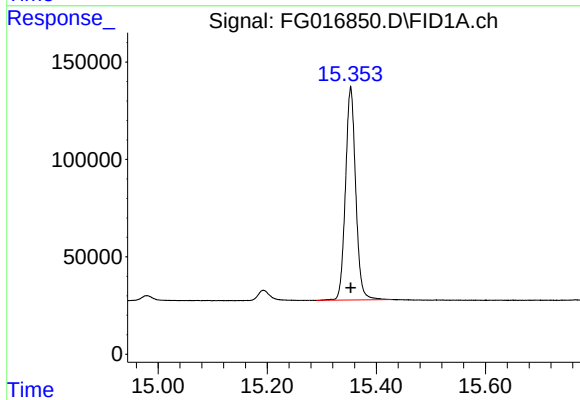
R.T.: 13.484 min
Delta R.T.: 0.000 min
Response: 1159523
Conc: 9.60 ug/ml



#13 n-Docosane (C22)

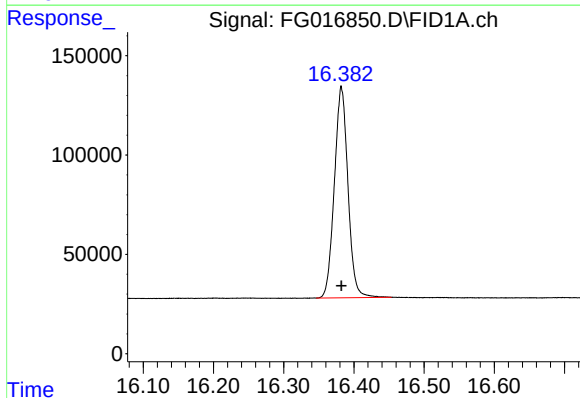
R.T.: 14.242 min
Delta R.T.: 0.000 min
Response: 1388013
Conc: 9.93 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



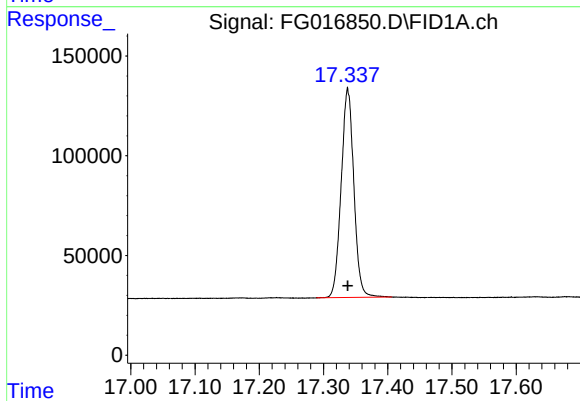
#14 n-Tetracosane (C24)

R.T.: 15.353 min
Delta R.T.: 0.000 min
Response: 1422731
Conc: 10.03 ug/ml



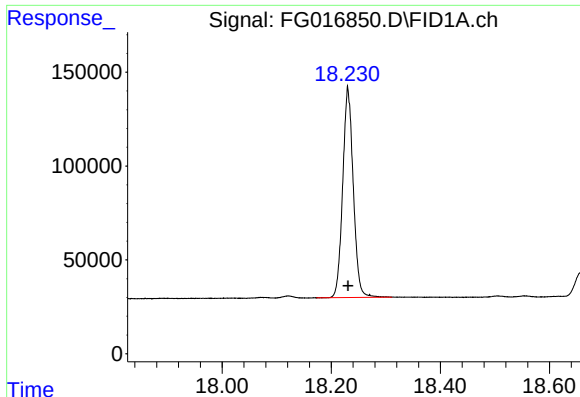
#15 n-Hexacosane (C26)

R.T.: 16.382 min
Delta R.T.: 0.000 min
Response: 1429320
Conc: 10.13 ug/ml



#16 n-Octacosane (C28)

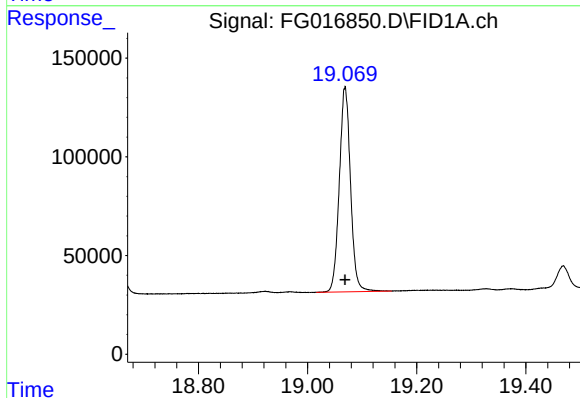
R.T.: 17.338 min
Delta R.T.: 0.000 min
Response: 1437422
Conc: 10.30 ug/ml



#17 n-Tricontane (C30)

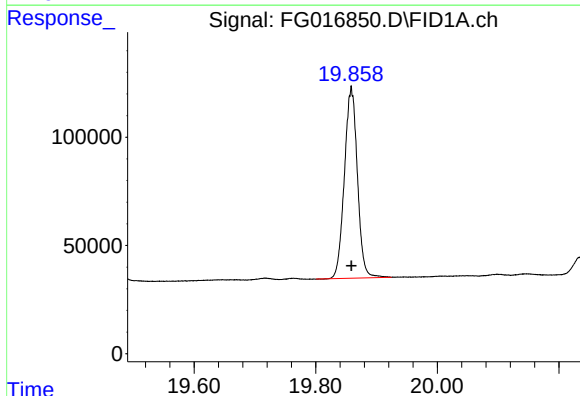
R.T.: 18.231 min
Delta R.T.: 0.000 min
Response: 1500914
Conc: 10.55 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



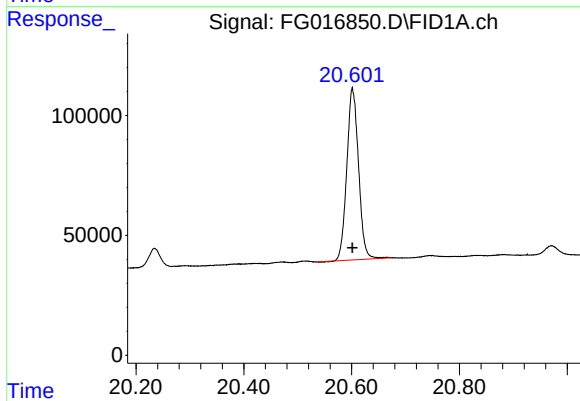
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: 0.000 min
Response: 1477442
Conc: 10.80 ug/ml



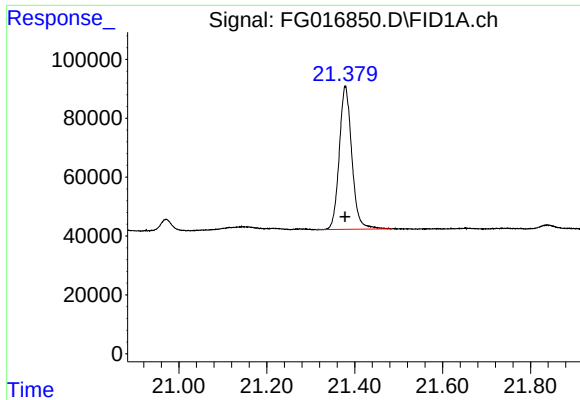
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 1305571
Conc: 10.80 ug/ml



#20 n-Hexatriacontane (C36)

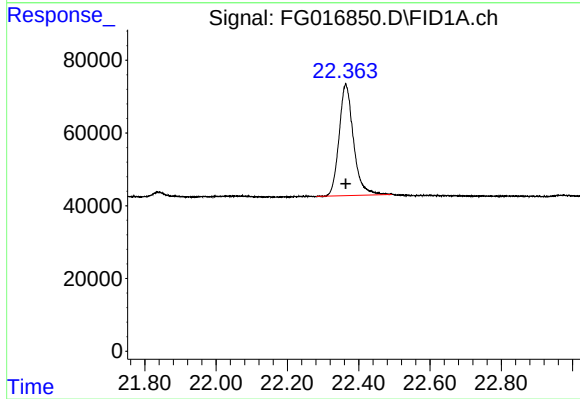
R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 1079984
Conc: 10.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: 0.000 min
Response: 965119
Conc: 11.32 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: 0.000 min
Response: 858492
Conc: 11.23 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016850.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 15:34
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.365	3.327	3.419	BB	123057	1227509	79.69%	4.353%
2	4.625	4.582	4.692	BB	122786	1247197	80.97%	4.423%
3	6.344	6.314	6.453	BB	106996	1241007	80.56%	4.401%
4	6.805	6.775	6.868	BB	118947	1263581	82.03%	4.481%
5	7.448	7.410	7.555	BB	85760	1107098	71.87%	3.926%
6	8.645	8.609	8.731	BB	108826	1226376	79.61%	4.349%
7	10.264	10.220	10.354	BB	104433	1257832	81.66%	4.461%
8	11.716	11.672	11.800	BB	109112	1342945	87.18%	4.763%
9	12.039	11.995	12.106	BB	136245	1540407	100.00%	5.463%
10	13.035	12.991	13.105	BB	112198	1359854	88.28%	4.823%
11	13.484	13.442	13.557	BB	89993	1159523	75.27%	4.112%
12	13.650	13.610	13.722	BB	109906	1357956	88.16%	4.816%
13	14.242	14.169	14.314	BB	105327	1388013	90.11%	4.923%
14	15.353	15.290	15.428	BB	109425	1422731	92.36%	5.046%
15	16.382	16.346	16.454	BB	106466	1429320	92.79%	5.069%
16	17.338	17.289	17.406	BB	104898	1437422	93.31%	5.098%
17	18.231	18.172	18.311	BB	111517	1500914	97.44%	5.323%
18	19.069	19.016	19.154	BB	104026	1477442	95.91%	5.240%
19	19.859	19.801	19.925	BB	88137	1305571	84.75%	4.630%
20	20.601	20.534	20.674	BB	71578	1079984	70.11%	3.830%
21	21.379	21.312	21.484	BB	48560	965119	62.65%	3.423%
22	22.364	22.281	22.492	BB	30871	858492	55.73%	3.045%
Sum of corrected areas:							28196296	

Aliphatic EPH 102925.M Thu Oct 30 04:25:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016851.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 16:03
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 29 16:21:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:20:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.038	803682	5.089 ug/ml
Spiked Amount 50.000		Recovery =	10.18%
12) S 1-chlorooctadecane (S...	13.485	594900	4.940 ug/ml
Spiked Amount 50.000		Recovery =	9.88%
Target Compounds			
1) T n-Nonane (C9)	3.366	631862	5.072 ug/ml
2) T n-Decane (C10)	4.626	634979	4.960 ug/ml
3) T A~Naphthalene (C11.7)	6.346	586359	4.481 ug/ml
4) T n-Dodecane (C12)	6.805	638302	4.896 ug/ml
5) T A~2-methylnaphthalene...	7.450	482946	4.013 ug/ml
6) T n-Tetradecane (C14)	8.645	601859	4.711 ug/ml
7) T n-Hexadecane (C16)	10.264	611242	4.626 ug/ml
8) T n-Octadecane (C18)	11.716	675251	4.846 ug/ml
10) T n-Eicosane (C20)	13.035	708892	5.072 ug/ml
11) T n-Heneicosane (C21)	13.651	706445	5.081 ug/ml
13) T n-Docosane (C22)	14.242	742660	5.249 ug/ml
14) T n-Tetracosane (C24)	15.353	838633	5.704 ug/ml
15) T n-Hexacosane (C26)	16.382	846912	5.773 ug/ml
16) T n-Octacosane (C28)	17.338	888097	6.033 ug/ml
17) T n-Tricontane (C30)	18.231	936866	6.192 ug/ml
18) T n-Dotriacontane (C32)	19.067	948772	6.436 ug/ml
19) T n-Tetratriacontane (C34)	19.856	802928	6.231 ug/ml
20) T n-Hexatriacontane (C36)	20.602	612734	5.920 ug/ml
21) T n-Octatriacontane (C38)	21.377	499378	5.664 ug/ml
22) T n-Tetracontane (C40)	22.366	427963	5.466 ug/ml

(f)=RT Delta > 1/2 Window

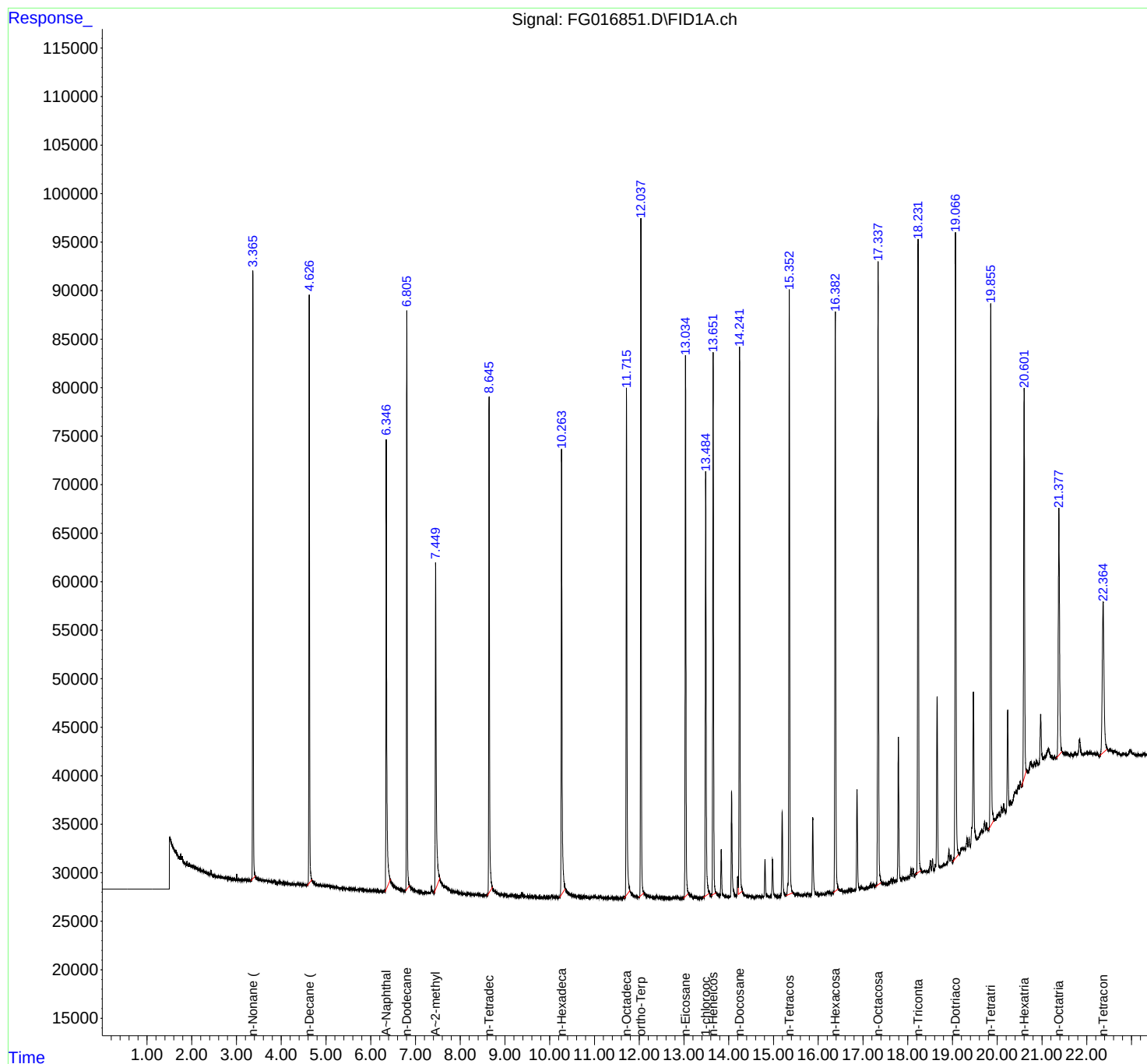
(m)=manual int.

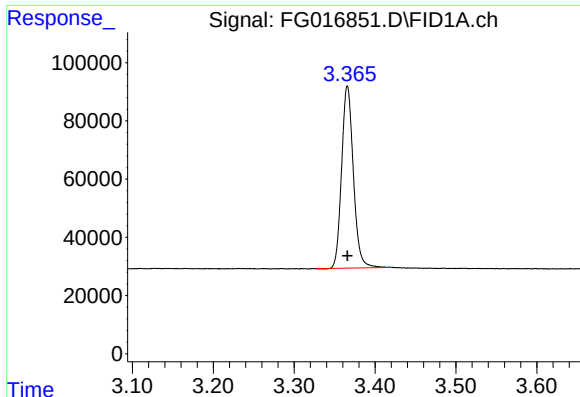
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
Data File : FG016851.D
Signal(s) : FID1A.ch
Acq On : 29 Oct 2025 16:03
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 29 16:21:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:20:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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

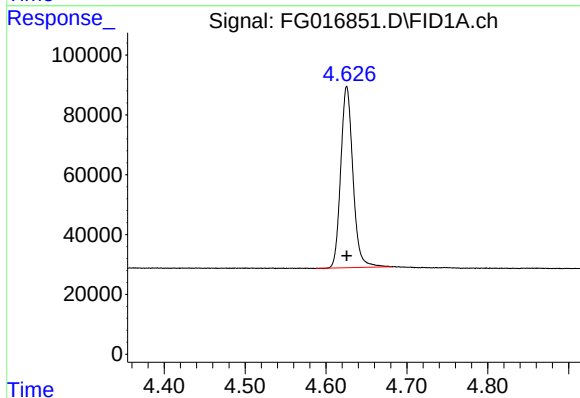




#1 n-Nonane (C9)

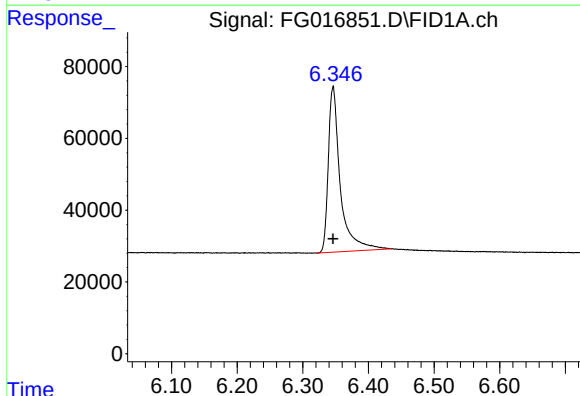
R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 631862
Conc: 5.07 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



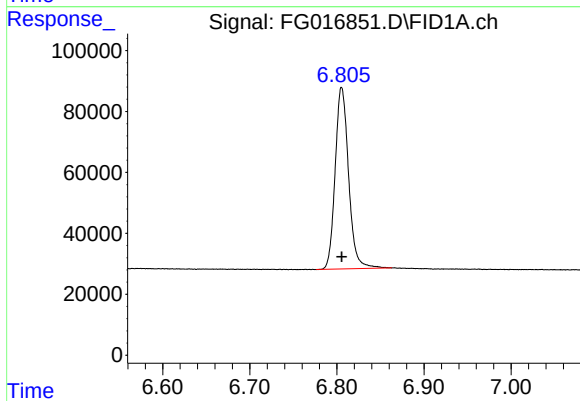
#2 n-Decane (C10)

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 634979
Conc: 4.96 ug/ml



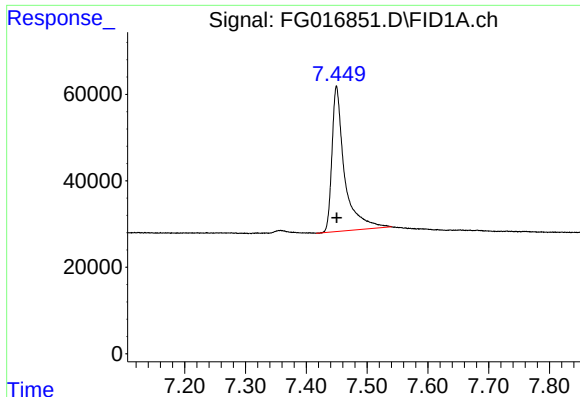
#3 A~Naphthalene (C11.7)

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 586359
Conc: 4.48 ug/ml



#4 n-Dodecane (C12)

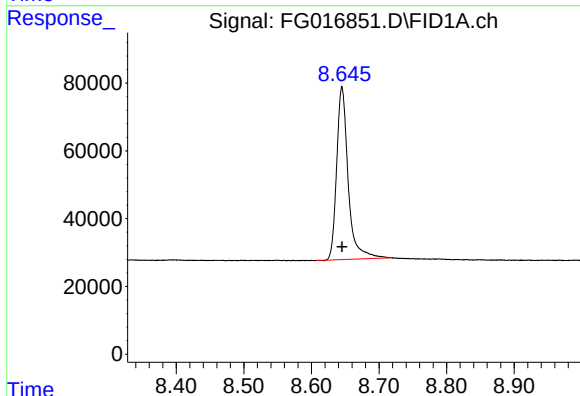
R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 638302
Conc: 4.90 ug/ml



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

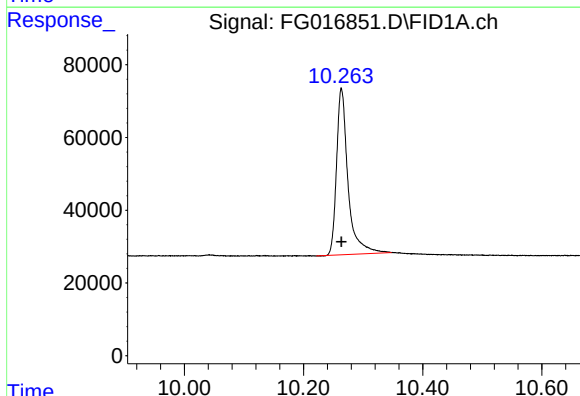
R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 482946
Conc: 4.01 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



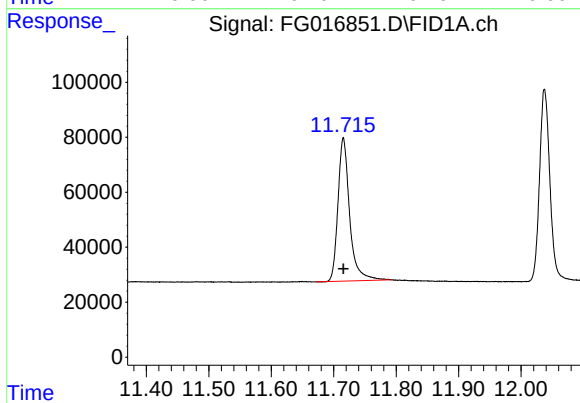
#6 n-Tetradecane (C14)

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 601859
Conc: 4.71 ug/ml



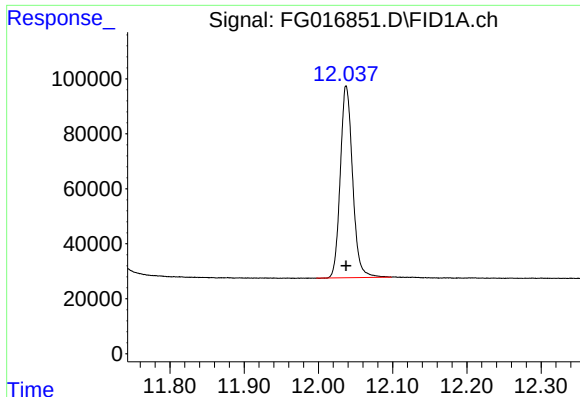
#7 n-Hexadecane (C16)

R.T.: 10.264 min
Delta R.T.: 0.000 min
Response: 611242
Conc: 4.63 ug/ml



#8 n-Octadecane (C18)

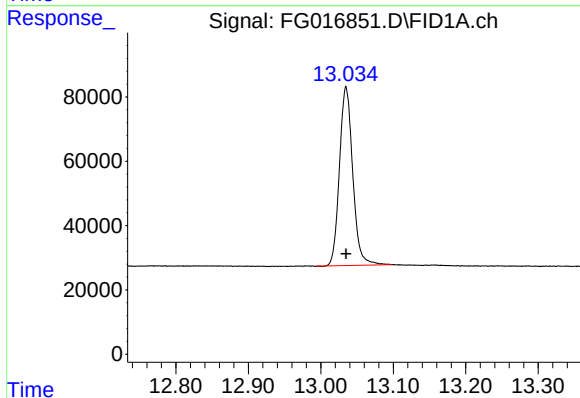
R.T.: 11.716 min
Delta R.T.: 0.000 min
Response: 675251
Conc: 4.85 ug/ml



#9 ortho-Terphenyl (SURR)

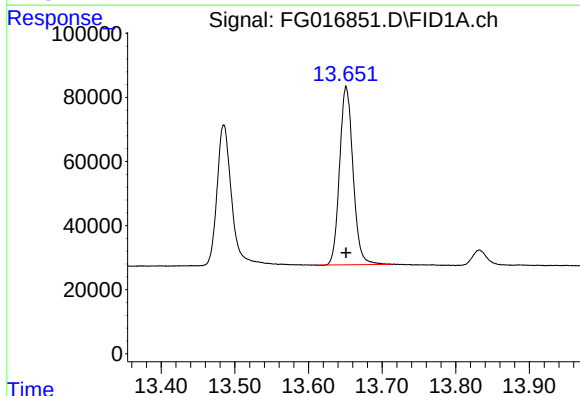
R.T.: 12.038 min
Delta R.T.: 0.000 min
Response: 803682
Conc: 5.09 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



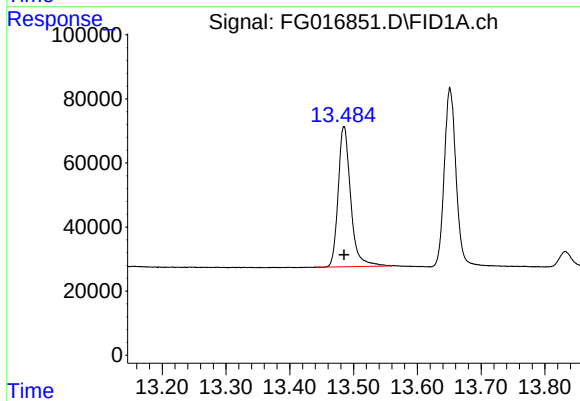
#10 n-Eicosane (C20)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 708892
Conc: 5.07 ug/ml



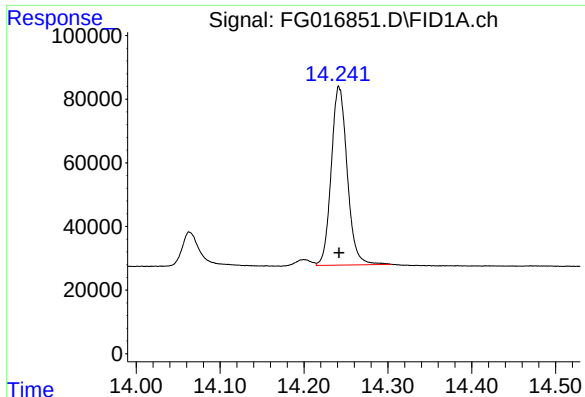
#11 n-Heneicosane (C21)

R.T.: 13.651 min
Delta R.T.: 0.000 min
Response: 706445
Conc: 5.08 ug/ml



#12 1-chlorooctadecane (SURR)

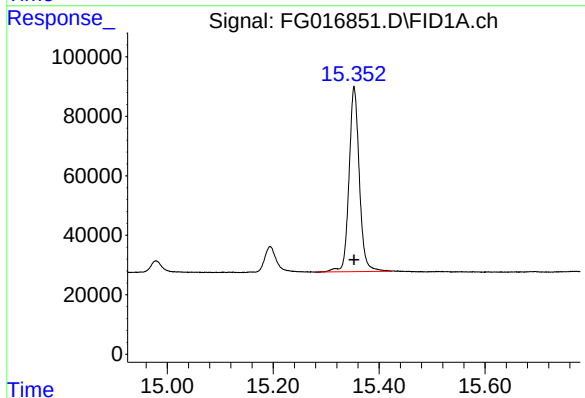
R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 594900
Conc: 4.94 ug/ml



#13 n-Docosane (C22)

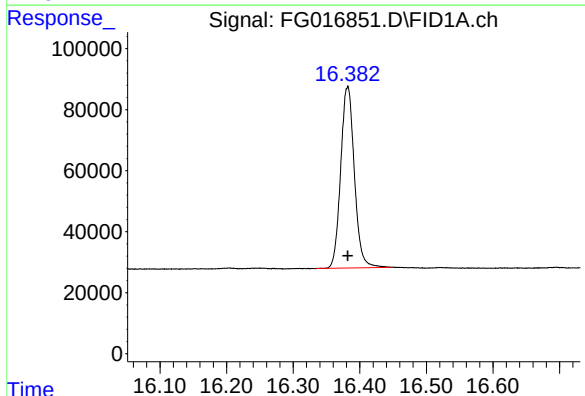
R.T.: 14.242 min
Delta R.T.: 0.000 min
Response: 742660
Conc: 5.25 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



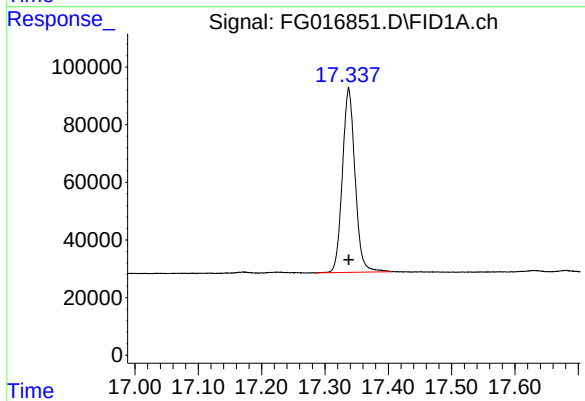
#14 n-Tetracosane (C24)

R.T.: 15.353 min
Delta R.T.: 0.000 min
Response: 838633
Conc: 5.70 ug/ml



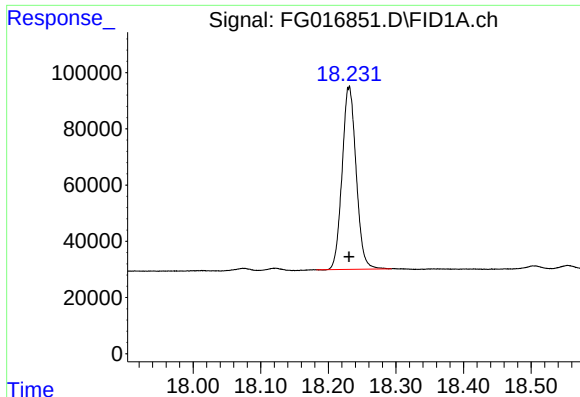
#15 n-Hexacosane (C26)

R.T.: 16.382 min
Delta R.T.: 0.000 min
Response: 846912
Conc: 5.77 ug/ml



#16 n-Octacosane (C28)

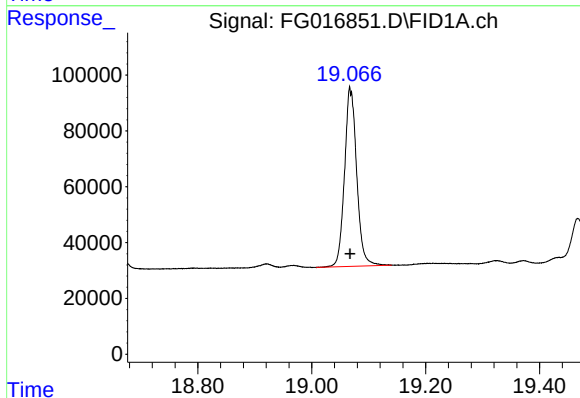
R.T.: 17.338 min
Delta R.T.: 0.000 min
Response: 888097
Conc: 6.03 ug/ml



#17 n-Tricontane (C30)

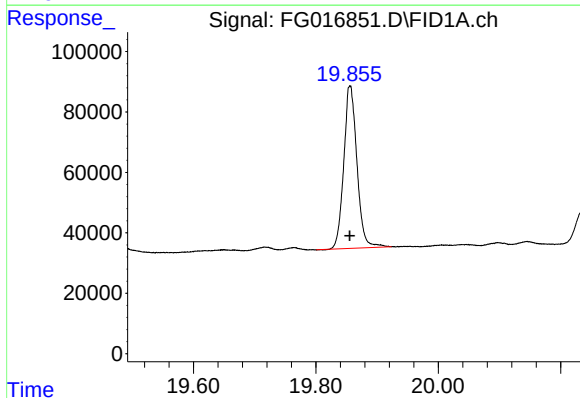
R.T.: 18.231 min
Delta R.T.: 0.000 min
Response: 936866
Conc: 6.19 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



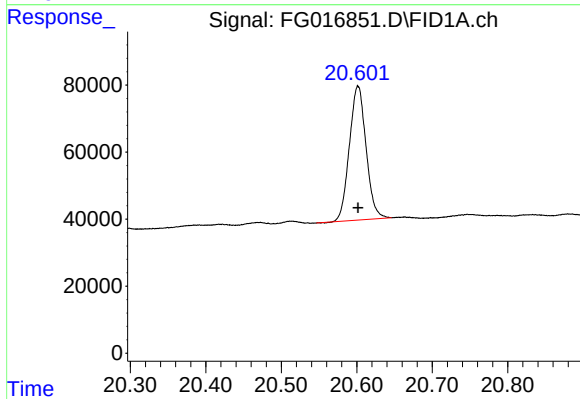
#18 n-Dotriacontane (C32)

R.T.: 19.067 min
Delta R.T.: 0.000 min
Response: 948772
Conc: 6.44 ug/ml



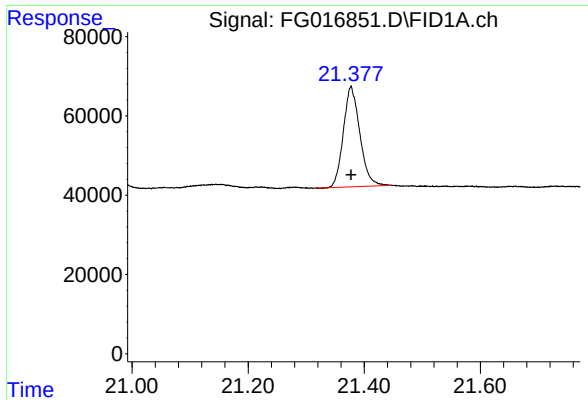
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: 0.000 min
Response: 802928
Conc: 6.23 ug/ml



#20 n-Hexatriacontane (C36)

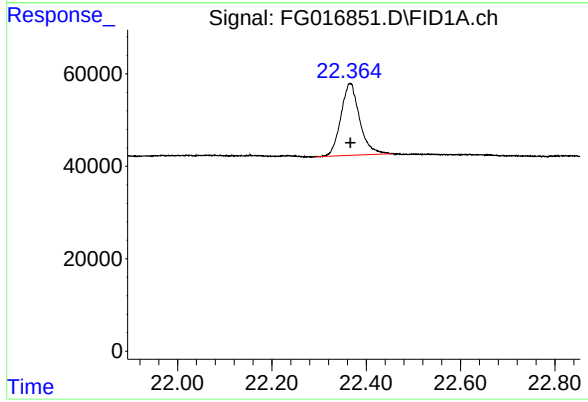
R.T.: 20.602 min
Delta R.T.: 0.000 min
Response: 612734
Conc: 5.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.000 min
Response: 499378
Conc: 5.66 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.366 min
Delta R.T.: 0.000 min
Response: 427963
Conc: 5.47 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
Data File : FG016851.D
Signal(s) : FID1A.ch
Acq On : 29 Oct 2025 16:03
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.366	3.327	3.420	BB	62632	631862	66.60%	4.151%
2	4.626	4.588	4.681	BB	60624	634979	66.93%	4.172%
3	6.346	6.320	6.435	BB	46240	586359	61.80%	3.852%
4	6.805	6.776	6.863	BB	59610	638302	67.28%	4.193%
5	7.450	7.416	7.540	BB	33672	482946	50.90%	3.173%
6	8.645	8.607	8.719	BB	51093	601859	63.44%	3.954%
7	10.264	10.221	10.348	BB	45795	611242	64.42%	4.016%
8	11.716	11.672	11.793	BB	52261	675251	71.17%	4.436%
9	12.038	11.997	12.099	BB	69789	803682	84.71%	5.280%
10	13.035	12.994	13.098	BB	55683	708892	74.72%	4.657%
11	13.485	13.441	13.560	BB	43734	594900	62.70%	3.908%
12	13.651	13.610	13.713	BB	55770	706445	74.46%	4.641%
13	14.242	14.215	14.305	VB	55947	742660	78.28%	4.879%
14	15.353	15.281	15.424	BB	62207	838633	88.39%	5.509%
15	16.382	16.335	16.448	BB	59622	846912	89.26%	5.564%
16	17.338	17.286	17.405	BB	63923	888097	93.60%	5.834%
17	18.231	18.182	18.294	BB	64427	936866	98.75%	6.155%
18	19.067	19.008	19.140	BB	63998	948772	100.00%	6.233%
19	19.856	19.800	19.924	BB	53761	802928	84.63%	5.275%
20	20.602	20.546	20.646	BB	39804	612734	64.58%	4.025%
21	21.377	21.317	21.447	BB	25353	499378	52.63%	3.281%
22	22.366	22.294	22.454	BB	15505	427963	45.11%	2.812%
Sum of corrected areas:							15221664	

Aliphatic EPH 102925.M Thu Oct 30 04:28:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016852.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 16:33
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 29 17:28:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.050	13754034	87.089 ug/ml
Spiked Amount 50.000		Recovery =	174.18%
12) S 1-chlorooctadecane (S...	13.492	10715413	88.974 ug/ml
Spiked Amount 50.000		Recovery =	177.95%
Target Compounds			
1) T n-Nonane (C9)	3.368	11225657	90.101 ug/ml
2) T n-Decane (C10)	4.630	11442592	89.379 ug/ml
3) T A~Naphthalene (C11.7)	6.349	12390439	94.698 ug/ml
4) T n-Dodecane (C12)	6.812	11594218	88.923 ug/ml
5) T A~2-methylnaphthalene...	7.453	11900380	98.891 ug/ml
6) T n-Tetradecane (C14)	8.652	11527988	90.235 ug/ml
7) T n-Hexadecane (C16)	10.270	12035154	91.082 ug/ml
8) T n-Octadecane (C18)	11.726	12403190	89.004 ug/ml
10) T n-Eicosane (C20)	13.043	12210298	87.354 ug/ml
11) T n-Heneicosane (C21)	13.661	12146981	87.367 ug/ml
13) T n-Docosane (C22)	14.250	12192468	86.179 ug/ml
14) T n-Tetracosane (C24)	15.362	12325975	83.834 ug/ml
15) T n-Hexacosane (C26)	16.390	12235907	83.402 ug/ml
16) T n-Octacosane (C28)	17.346	11989038	81.442 ug/ml
17) T n-Tricontane (C30)	18.240	11942968	78.928 ug/ml
18) T n-Dotriacontane (C32)	19.077	11253133	76.341 ug/ml
19) T n-Tetratriacontane (C34)	19.865	10198592	79.141 ug/ml
20) T n-Hexatriacontane (C36)	20.608	8820263	85.216 ug/ml
21) T n-Octatriacontane (C38)	21.384	7917818	89.811 ug/ml
22) T n-Tetracontane (C40)	22.369	7331145	93.629 ug/ml

(f)=RT Delta > 1/2 Window

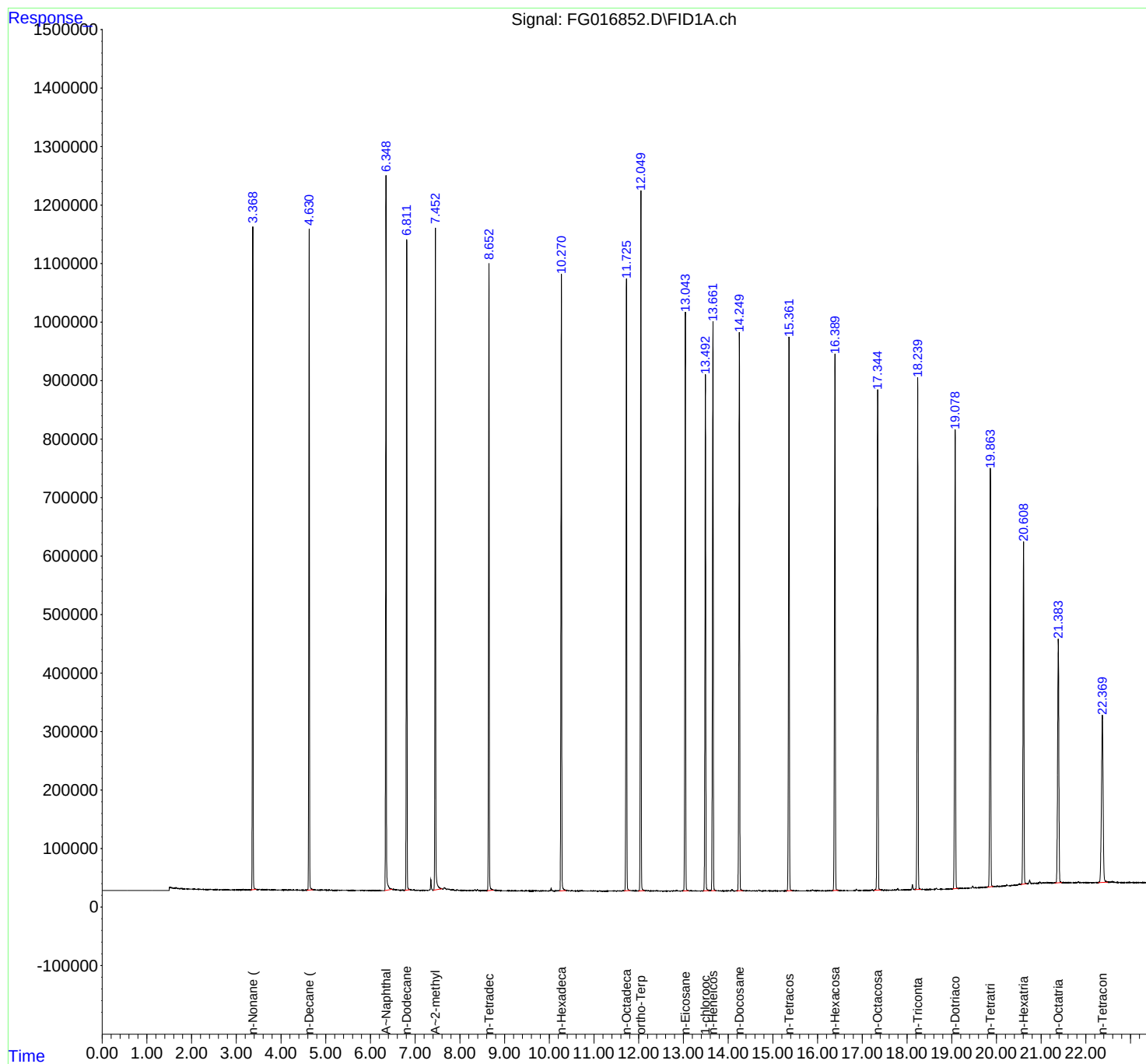
(m)=manual int.

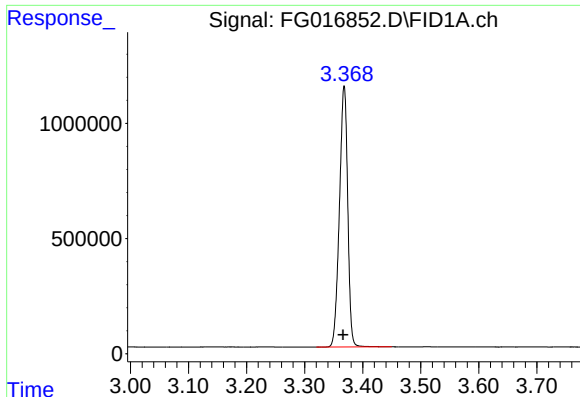
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
Data File : FG016852.D
Signal(s) : FID1A.ch
Acq On : 29 Oct 2025 16:33
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 29 17:28:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

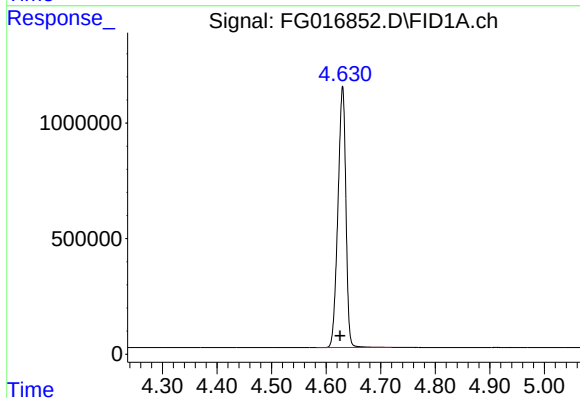




#1 n-Nonane (C9)

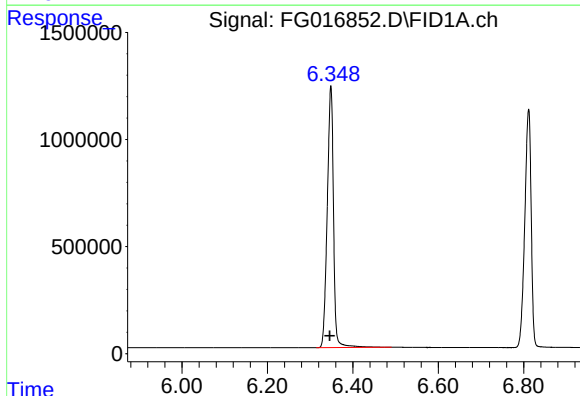
R.T.: 3.368 min
Delta R.T.: 0.002 min
Response: 11225657
Conc: 90.10 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



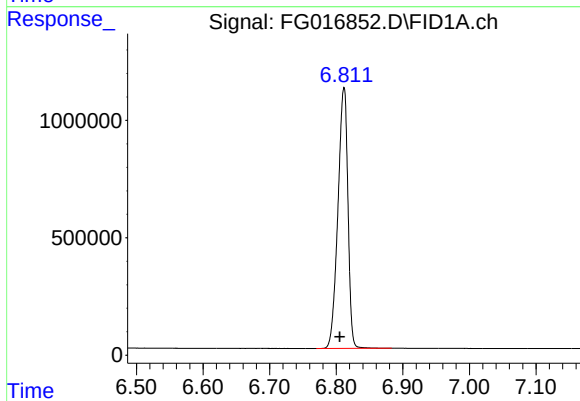
#2 n-Decane (C10)

R.T.: 4.630 min
Delta R.T.: 0.004 min
Response: 11442592
Conc: 89.38 ug/ml



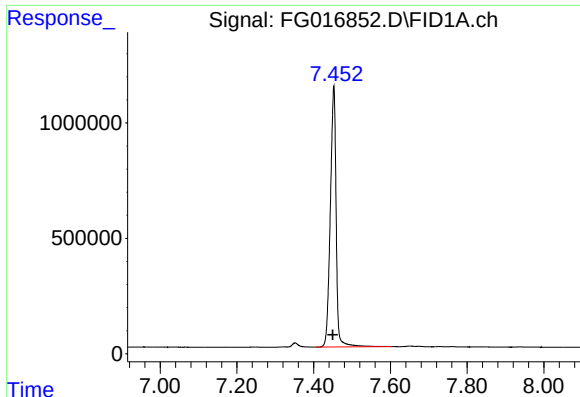
#3 A~Naphthalene (C11.7)

R.T.: 6.349 min
Delta R.T.: 0.003 min
Response: 12390439
Conc: 94.70 ug/ml



#4 n-Dodecane (C12)

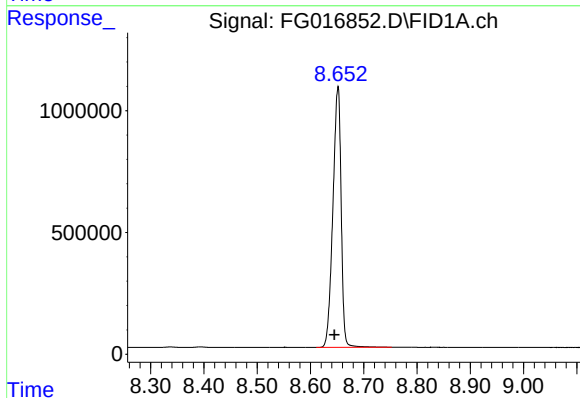
R.T.: 6.812 min
Delta R.T.: 0.006 min
Response: 11594218
Conc: 88.92 ug/ml



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

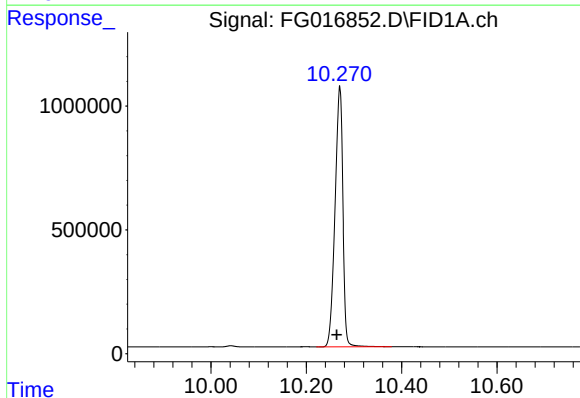
R.T.: 7.453 min
Delta R.T.: 0.003 min
Response: 11900380
Conc: 98.89 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



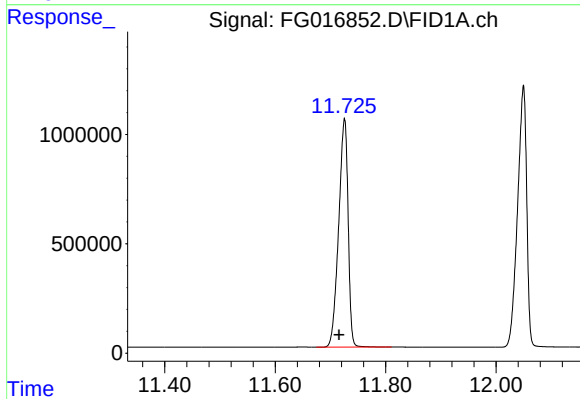
#6 n-Tetradecane (C14)

R.T.: 8.652 min
Delta R.T.: 0.006 min
Response: 11527988
Conc: 90.24 ug/ml



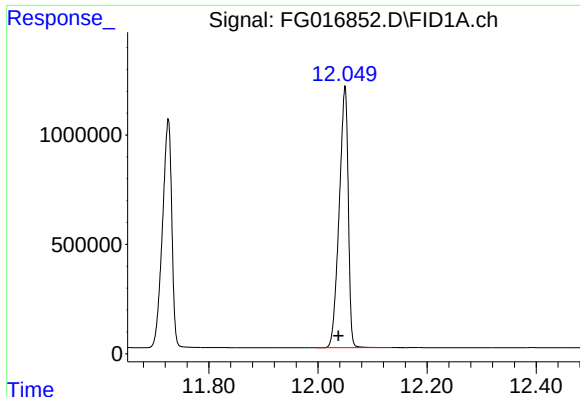
#7 n-Hexadecane (C16)

R.T.: 10.270 min
Delta R.T.: 0.007 min
Response: 12035154
Conc: 91.08 ug/ml



#8 n-Octadecane (C18)

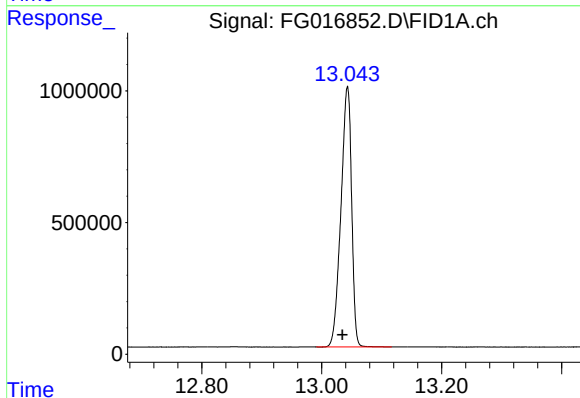
R.T.: 11.726 min
Delta R.T.: 0.010 min
Response: 12403190
Conc: 89.00 ug/ml



#9 ortho-Terphenyl (SURR)

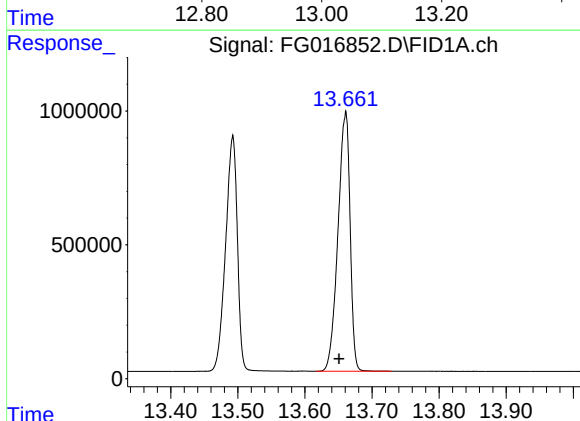
R.T.: 12.050 min
Delta R.T.: 0.012 min
Response: 13754034
Conc: 87.09 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



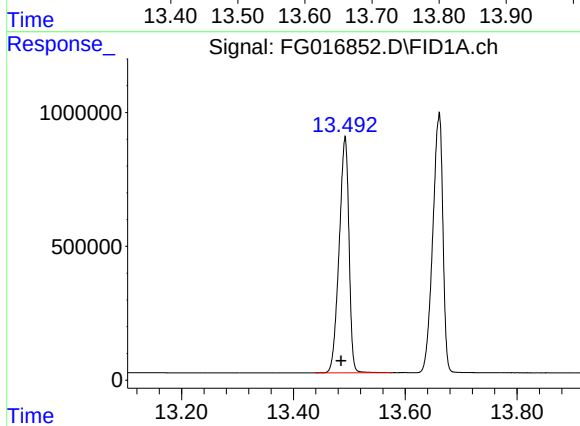
#10 n-Eicosane (C20)

R.T.: 13.043 min
Delta R.T.: 0.008 min
Response: 12210298
Conc: 87.35 ug/ml



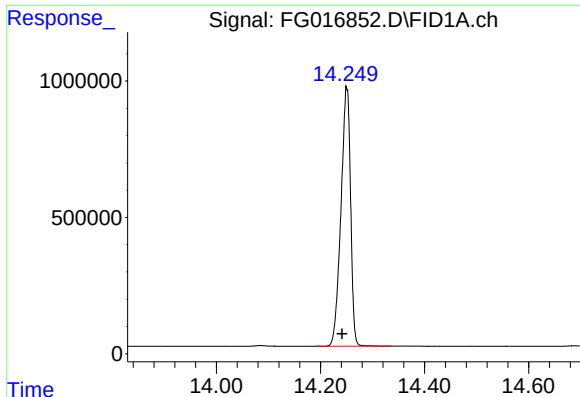
#11 n-Heneicosane (C21)

R.T.: 13.661 min
Delta R.T.: 0.010 min
Response: 12146981
Conc: 87.37 ug/ml



#12 1-chlorooctadecane (SURR)

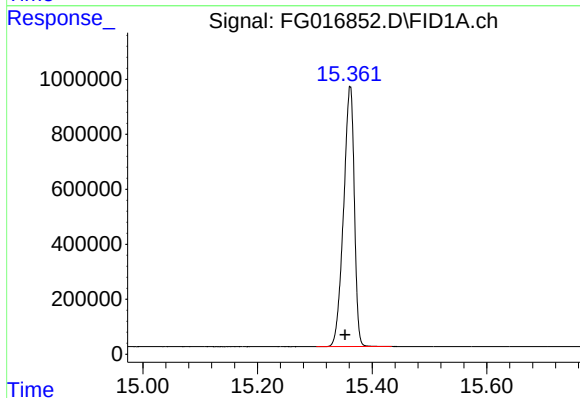
R.T.: 13.492 min
Delta R.T.: 0.007 min
Response: 10715413
Conc: 88.97 ug/ml



#13 n-Docosane (C22)

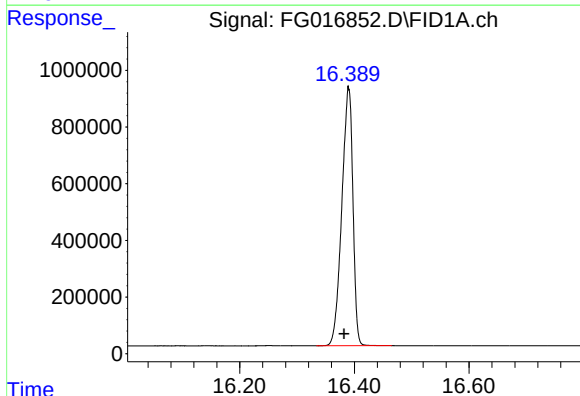
R.T.: 14.250 min
Delta R.T.: 0.009 min
Response: 12192468
Conc: 86.18 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



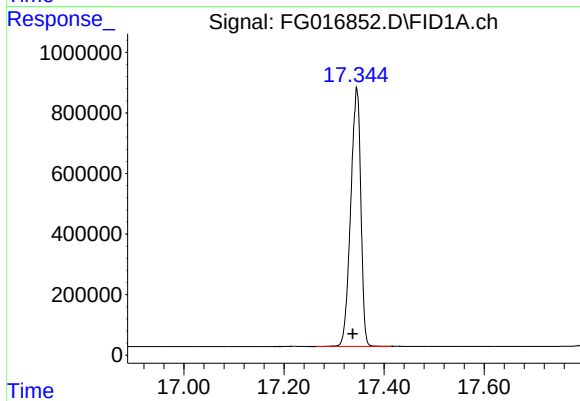
#14 n-Tetracosane (C24)

R.T.: 15.362 min
Delta R.T.: 0.009 min
Response: 12325975
Conc: 83.83 ug/ml



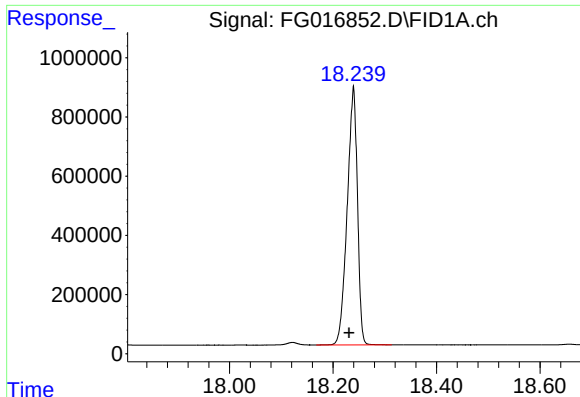
#15 n-Hexacosane (C26)

R.T.: 16.390 min
Delta R.T.: 0.008 min
Response: 12235907
Conc: 83.40 ug/ml



#16 n-Octacosane (C28)

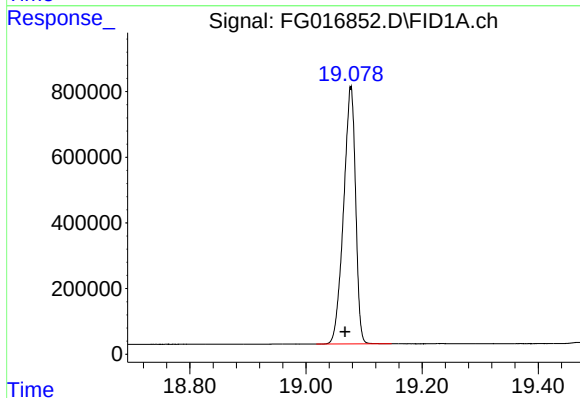
R.T.: 17.346 min
Delta R.T.: 0.008 min
Response: 11989038
Conc: 81.44 ug/ml



#17 n-Tricontane (C30)

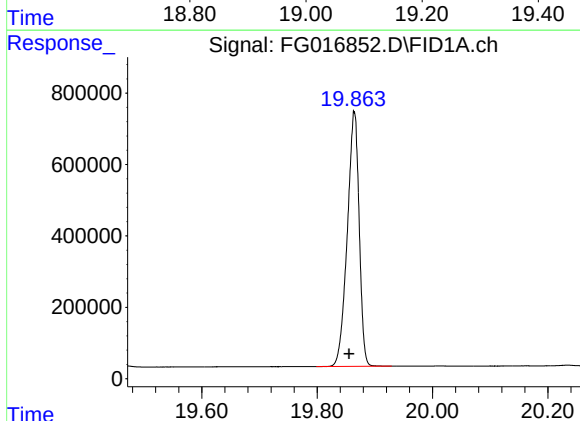
R.T.: 18.240 min
Delta R.T.: 0.009 min
Response: 11942968
Conc: 78.93 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



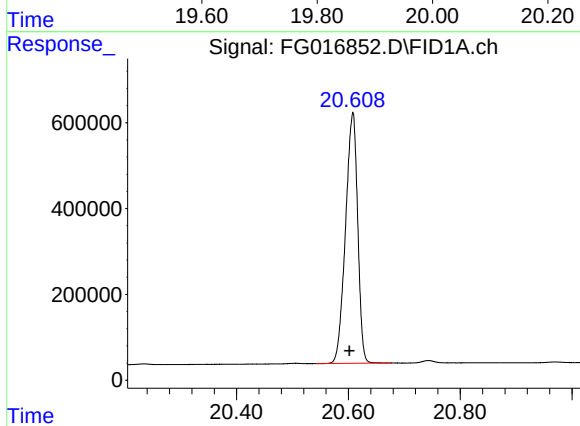
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: 0.010 min
Response: 11253133
Conc: 76.34 ug/ml



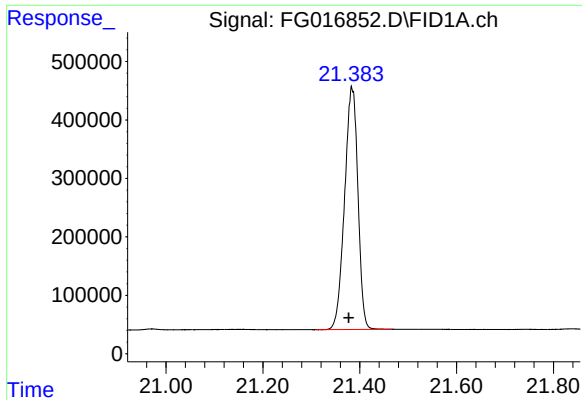
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: 0.009 min
Response: 10198592
Conc: 79.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.006 min
Response: 8820263
Conc: 85.22 ug/ml



#21 n-Octatriacontane (C38)

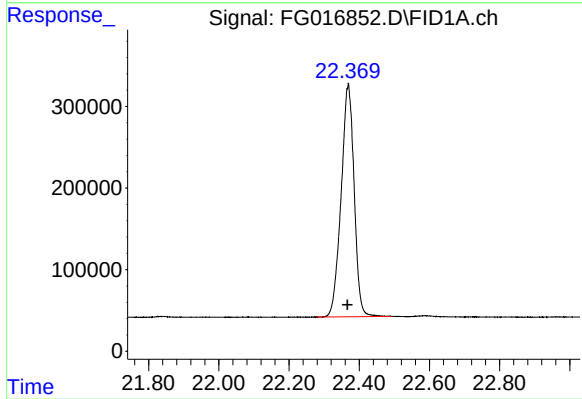
R.T.: 21.384 min
Delta R.T.: 0.007 min
Response: 7917818
Conc: 89.81 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.369 min
Delta R.T.: 0.003 min
Response: 7331145
Conc: 93.63 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
Data File : FG016852.D
Signal(s) : FID1A.ch
Acq On : 29 Oct 2025 16:33
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.368	3.320	3.450	BB	1133978	11225657	81.62%	4.498%
2	4.630	4.582	4.720	BB	1130326	11442592	83.19%	4.585%
3	6.349	6.314	6.491	BB	1221514	12390439	90.09%	4.965%
4	6.812	6.770	6.883	BB	1111879	11594218	84.30%	4.646%
5	7.453	7.407	7.603	PB	1131464	11900380	86.52%	4.769%
6	8.652	8.611	8.753	BB	1069318	11527988	83.82%	4.619%
7	10.270	10.221	10.379	BB	1052759	12035154	87.50%	4.823%
8	11.726	11.674	11.811	BB	1043140	12403190	90.18%	4.970%
9	12.050	11.997	12.135	BB	1194675	13754034	100.00%	5.511%
10	13.043	12.991	13.117	BB	990306	12210298	88.78%	4.893%
11	13.492	13.441	13.576	BB	880530	10715413	77.91%	4.294%
12	13.661	13.617	13.729	BB	970977	12146981	88.32%	4.867%
13	14.250	14.192	14.337	BB	940395	12192468	88.65%	4.886%
14	15.362	15.303	15.434	BB	944988	12325975	89.62%	4.939%
15	16.390	16.333	16.465	BB	906665	12235907	88.96%	4.903%
16	17.346	17.264	17.415	BB	849579	11989038	87.17%	4.804%
17	18.240	18.168	18.313	BB	875916	11942968	86.83%	4.786%
18	19.077	19.018	19.148	BB	776557	11253133	81.82%	4.509%
19	19.865	19.798	19.929	BB	711716	10198592	74.15%	4.087%
20	20.608	20.543	20.678	BB	585252	8820263	64.13%	3.534%
21	21.384	21.310	21.466	BB	412561	7917818	57.57%	3.173%
22	22.369	22.278	22.493	BB	286131	7331145	53.30%	2.938%
Sum of corrected areas:						249553650		

Aliphatic EPH 102925.M Thu Oct 30 04:29:18 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016853.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 17:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 29 17:42:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.039	2878633	18.227 ug/ml
Spiked Amount 50.000		Recovery =	36.45%
12) S 1-chlorooctadecane (S...	13.485	2197563	18.247 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T n-Nonane (C9)	3.365	2333992	18.734 ug/ml
2) T n-Decane (C10)	4.625	2380603	18.595 ug/ml
3) T A~Naphthalene (C11.7)	6.343	2445124	18.688 ug/ml
4) T n-Dodecane (C12)	6.806	2412397	18.502 ug/ml
5) T A~2-methylnaphthalene...	7.447	2263229	18.807 ug/ml
6) T n-Tetradecane (C14)	8.646	2364432	18.508 ug/ml
7) T n-Hexadecane (C16)	10.264	2446067	18.512 ug/ml
8) T n-Octadecane (C18)	11.717	2558203	18.357 ug/ml
10) T n-Eicosane (C20)	13.035	2540186	18.173 ug/ml
11) T n-Heneicosane (C21)	13.652	2526929	18.175 ug/ml
13) T n-Docosane (C22)	14.243	2527708	17.866 ug/ml
14) T n-Tetracosane (C24)	15.353	2549263	17.339 ug/ml
15) T n-Hexacosane (C26)	16.381	2534590	17.276 ug/ml
16) T n-Octacosane (C28)	17.338	2511002	17.057 ug/ml
17) T n-Tricontane (C30)	18.232	2583310	17.072 ug/ml
18) T n-Dotriacontane (C32)	19.069	2504607	16.991 ug/ml
19) T n-Tetratriacontane (C34)	19.856	2261777	17.551 ug/ml
20) T n-Hexatriacontane (C36)	20.600	1919405	18.544 ug/ml
21) T n-Octatriacontane (C38)	21.378	1687771	19.144 ug/ml
22) T n-Tetracontane (C40)	22.363	1511163	19.300 ug/ml

(f)=RT Delta > 1/2 Window

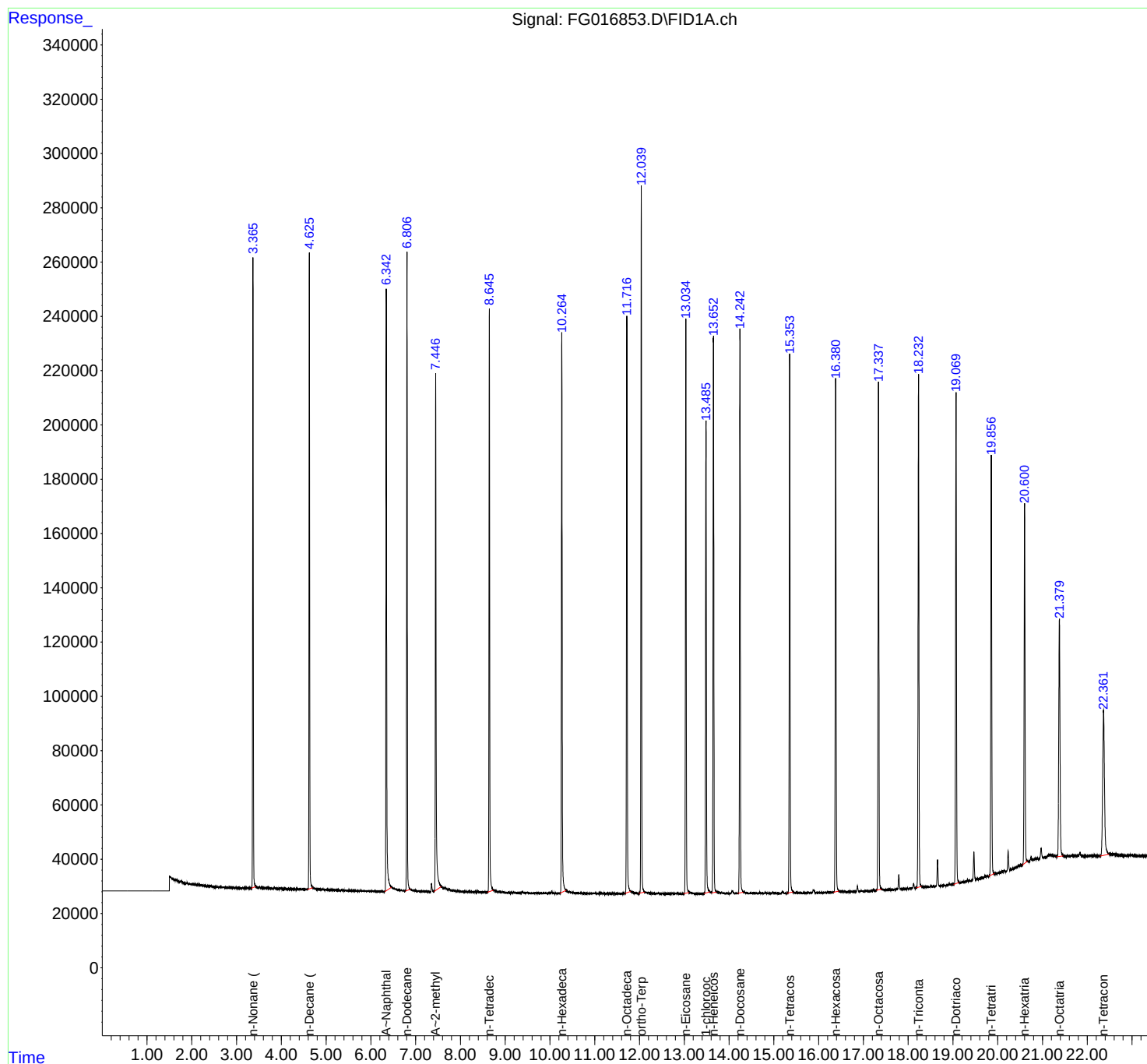
(m)=manual int.

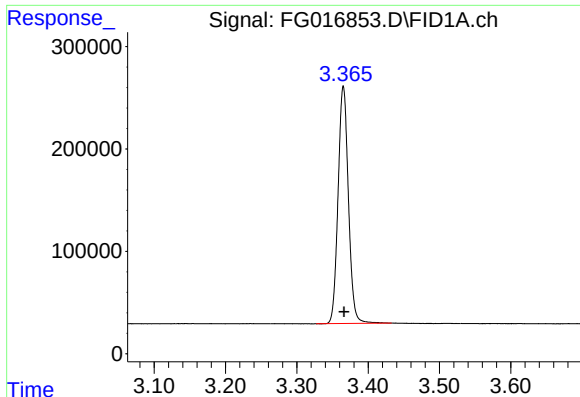
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
Data File : FG016853.D
Signal(s) : FID1A.ch
Acq On : 29 Oct 2025 17:32
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 29 17:42:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

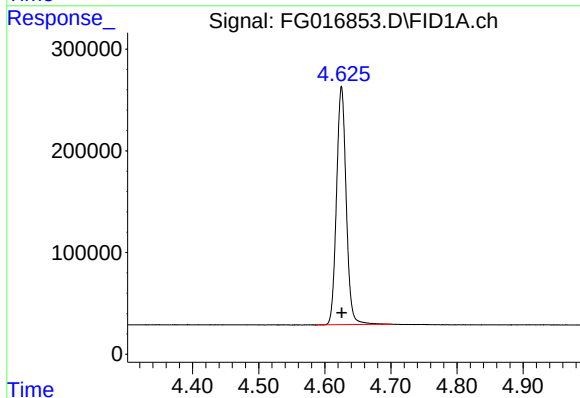
R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 2333992
Conc: 18.73 ug/ml

Instrument :

FID_G

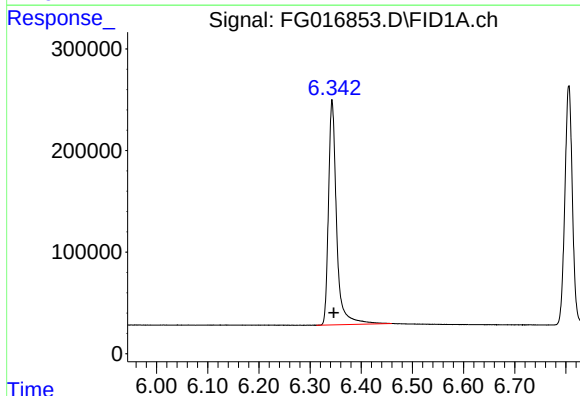
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



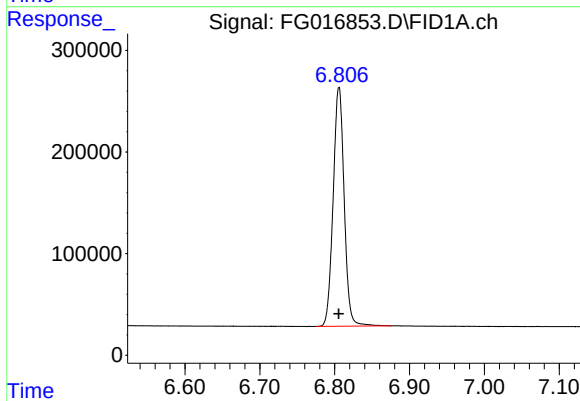
#2 n-Decane (C10)

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 2380603
Conc: 18.60 ug/ml



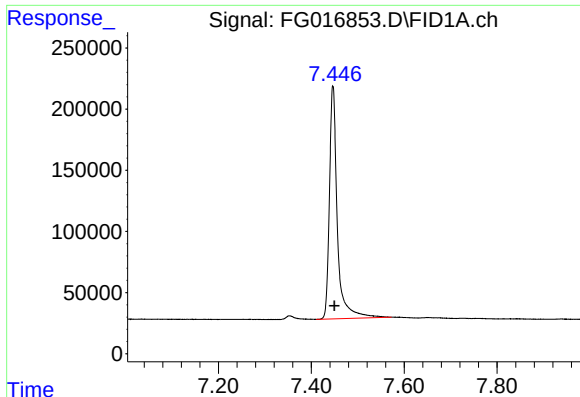
#3 A~Naphthalene (C11.7)

R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 2445124
Conc: 18.69 ug/ml



#4 n-Dodecane (C12)

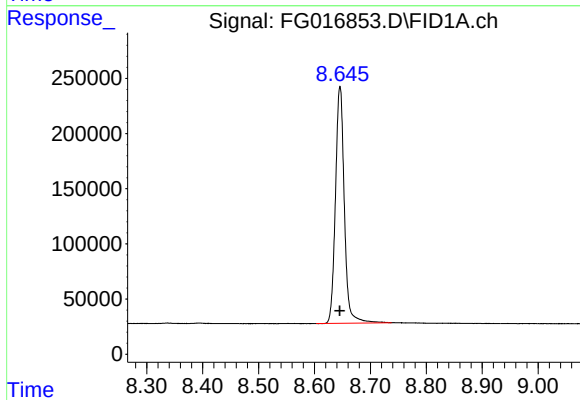
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 2412397
Conc: 18.50 ug/ml



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

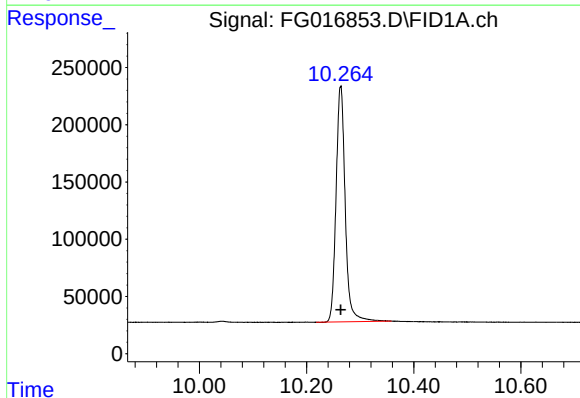
R.T.: 7.447 min
Delta R.T.: -0.003 min
Response: 2263229
Conc: 18.81 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



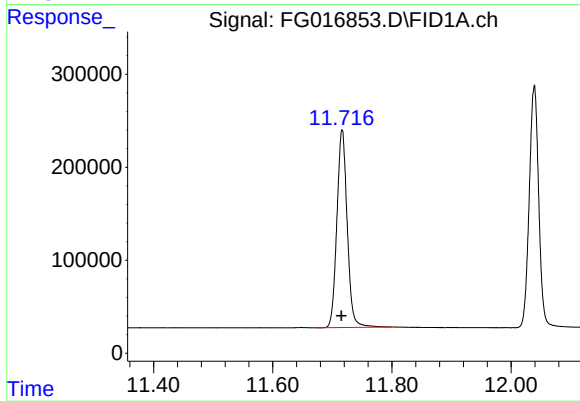
#6 n-Tetradecane (C14)

R.T.: 8.646 min
Delta R.T.: 0.000 min
Response: 2364432
Conc: 18.51 ug/ml



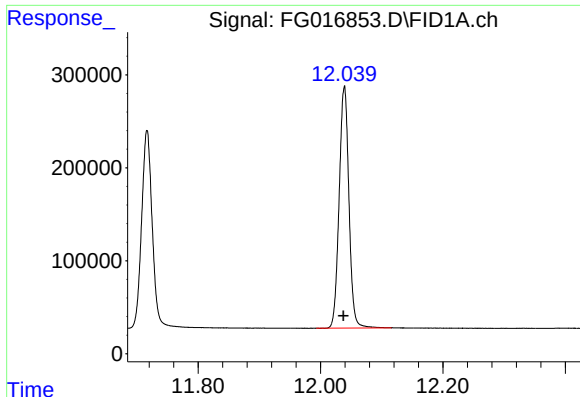
#7 n-Hexadecane (C16)

R.T.: 10.264 min
Delta R.T.: 0.000 min
Response: 2446067
Conc: 18.51 ug/ml



#8 n-Octadecane (C18)

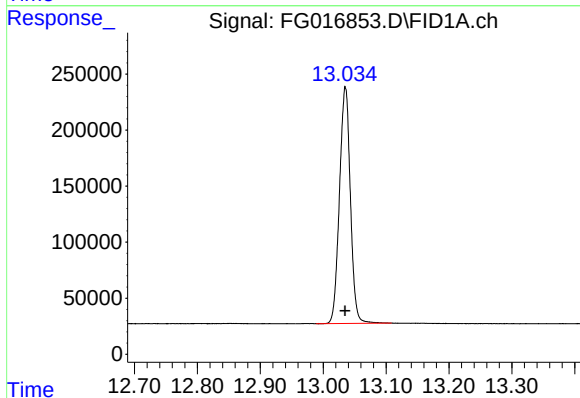
R.T.: 11.717 min
Delta R.T.: 0.000 min
Response: 2558203
Conc: 18.36 ug/ml



#9 ortho-Terphenyl (SURR)

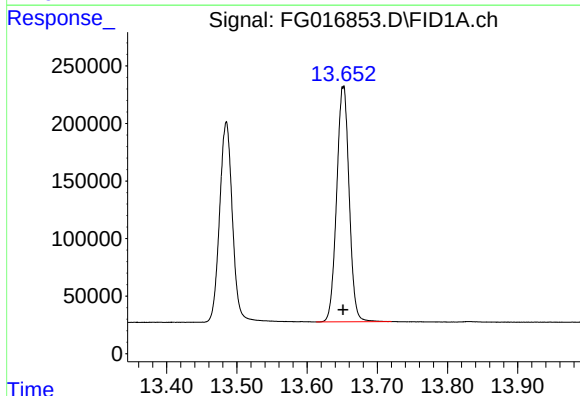
R.T.: 12.039 min
Delta R.T.: 0.001 min
Response: 2878633
Conc: 18.23 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



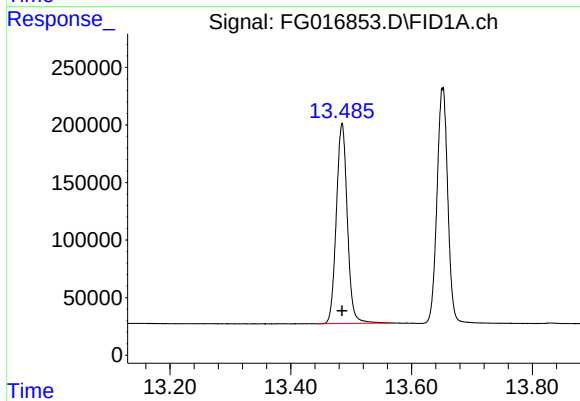
#10 n-Eicosane (C20)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 2540186
Conc: 18.17 ug/ml



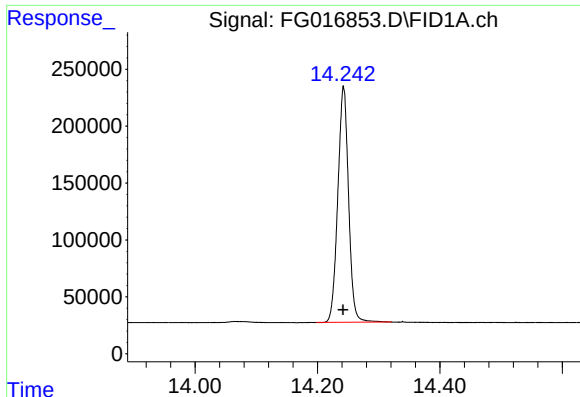
#11 n-Heneicosane (C21)

R.T.: 13.652 min
Delta R.T.: 0.000 min
Response: 2526929
Conc: 18.18 ug/ml



#12 1-chlorooctadecane (SURR)

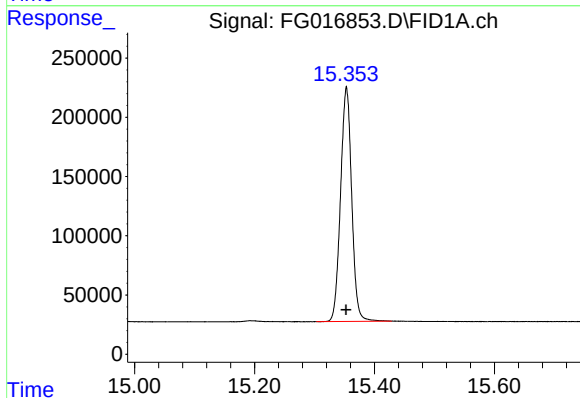
R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 2197563
Conc: 18.25 ug/ml



#13 n-Docosane (C22)

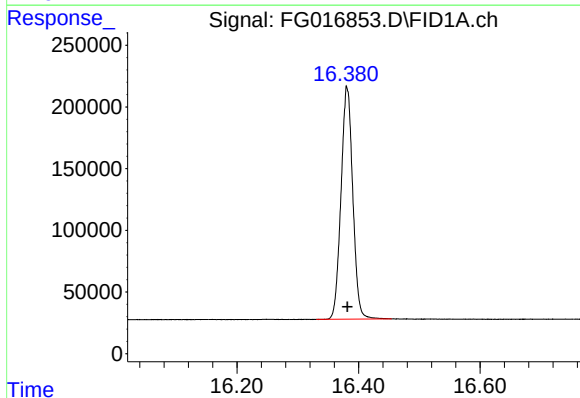
R.T.: 14.243 min
Delta R.T.: 0.000 min
Response: 2527708
Conc: 17.87 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



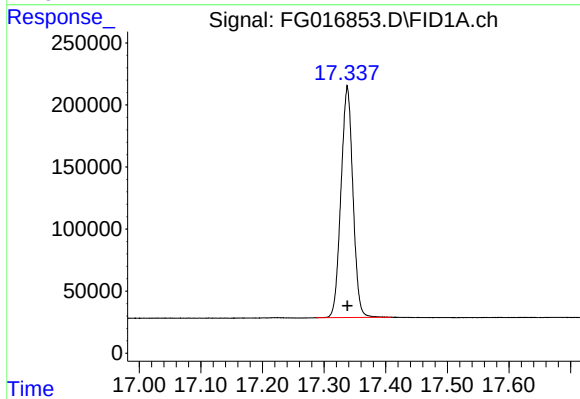
#14 n-Tetracosane (C24)

R.T.: 15.353 min
Delta R.T.: 0.000 min
Response: 2549263
Conc: 17.34 ug/ml



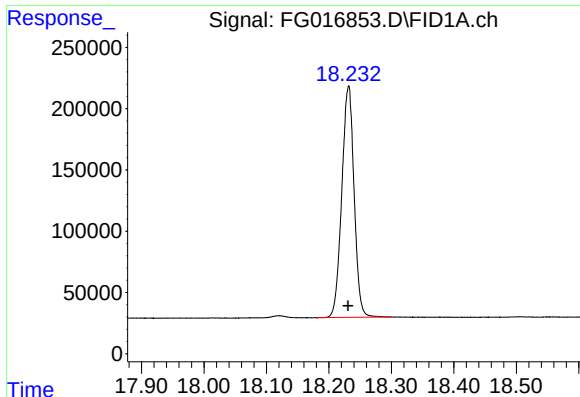
#15 n-Hexacosane (C26)

R.T.: 16.381 min
Delta R.T.: 0.000 min
Response: 2534590
Conc: 17.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.338 min
Delta R.T.: 0.000 min
Response: 2511002
Conc: 17.06 ug/ml



#17 n-Tricontane (C30)

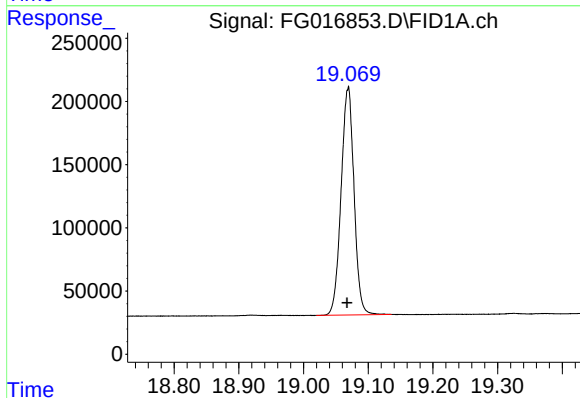
R.T.: 18.232 min
Delta R.T.: 0.000 min
Response: 2583310
Conc: 17.07 ug/ml

Instrument :

FID_G

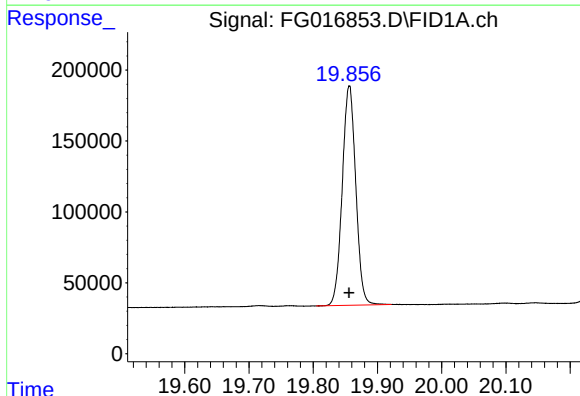
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



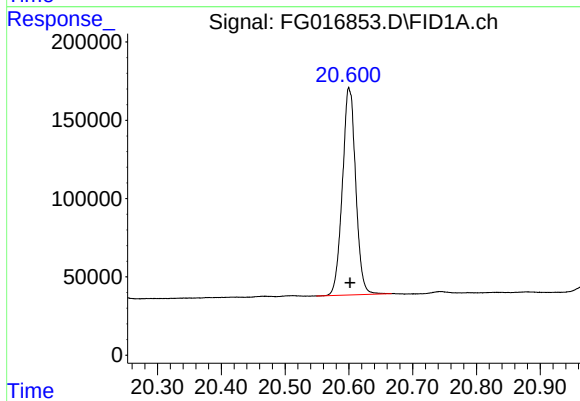
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: 0.002 min
Response: 2504607
Conc: 16.99 ug/ml



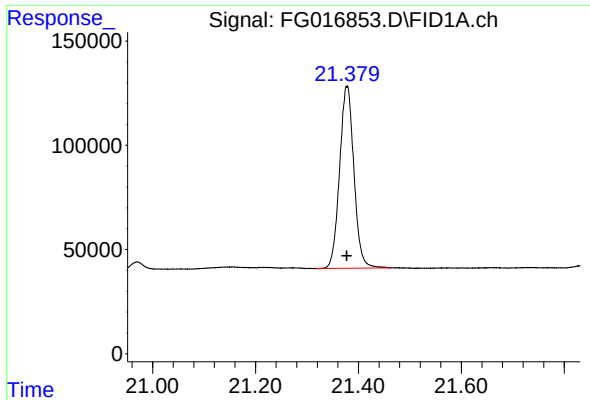
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: 0.000 min
Response: 2261777
Conc: 17.55 ug/ml



#20 n-Hexatriacontane (C36)

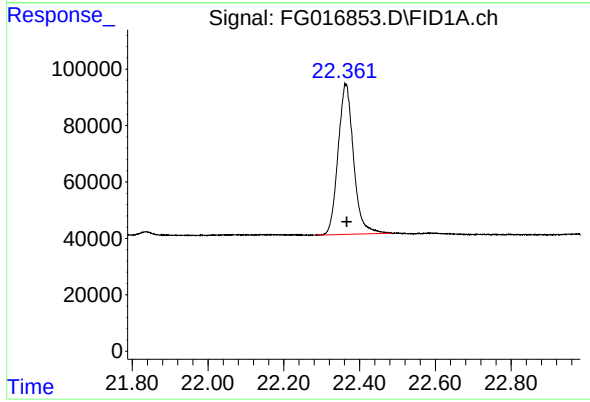
R.T.: 20.600 min
Delta R.T.: -0.001 min
Response: 1919405
Conc: 18.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.000 min
Response: 1687771
Conc: 19.14 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.363 min
Delta R.T.: -0.004 min
Response: 1511163
Conc: 19.30 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
Data File : FG016853.D
Signal(s) : FID1A.ch
Acq On : 29 Oct 2025 17:32
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.365	3.327	3.433	BB	232036	2333992	81.08%	4.494%
2	4.625	4.587	4.701	BB	234268	2380603	82.70%	4.584%
3	6.343	6.312	6.460	BB	221491	2445124	84.94%	4.708%
4	6.806	6.775	6.876	BB	235549	2412397	83.80%	4.645%
5	7.447	7.410	7.573	BB	190049	2263229	78.62%	4.358%
6	8.646	8.603	8.738	BB	214381	2364432	82.14%	4.552%
7	10.264	10.218	10.359	BB	205479	2446067	84.97%	4.710%
8	11.717	11.673	11.800	BB	212642	2558203	88.87%	4.925%
9	12.039	11.993	12.116	BB	259591	2878633	100.00%	5.542%
10	13.035	12.989	13.109	BB	210522	2540186	88.24%	4.891%
11	13.485	13.442	13.567	BB	174188	2197563	76.34%	4.231%
12	13.652	13.613	13.720	BB	203997	2526929	87.78%	4.865%
13	14.243	14.198	14.321	BB	206536	2527708	87.81%	4.867%
14	15.353	15.303	15.429	BB	198289	2549263	88.56%	4.908%
15	16.381	16.330	16.454	BB	187283	2534590	88.05%	4.880%
16	17.338	17.287	17.410	BB	186348	2511002	87.23%	4.835%
17	18.232	18.180	18.300	BB	189134	2583310	89.74%	4.974%
18	19.069	19.020	19.136	BB	180660	2504607	87.01%	4.822%
19	19.856	19.805	19.922	BB	154690	2261777	78.57%	4.355%
20	20.600	20.549	20.667	BB	132183	1919405	66.68%	3.696%
21	21.378	21.318	21.465	BB	86869	1687771	58.63%	3.250%
22	22.363	22.285	22.485	BB	52865	1511163	52.50%	2.910%
Sum of corrected areas:							51937956	

Aliphatic EPH 102925.M Thu Oct 30 04:34:21 2025

Continuing Calibration Report for SequenceID : FE111225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE056801.D

Aliphatic C9-C12	12053995.000	60.000	3.218	6.840	200899.917	171162.641	-17.374
Aliphatic C12-C16	8335701.000	40.000	6.841	10.285	208392.525	178754.319	-16.580
Aliphatic C16-C21	12181019.000	60.000	10.286	13.658	203016.983	186505.496	-8.853
Aliphatic C21-C28	15623039.000	80.000	13.659	17.327	195287.988	192766.144	-1.308
Aliphatic C28-C40	21432724.000	120.000	17.328	22.264	178606.033	159314.647	-12.109
Aliphatic EPH	69626478.000	360.000	3.218	22.264	193406.883	175414.751	-10.257

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	13 Nov 2025 04:57
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056801.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.218	6.840	12053995.000	60.000	ug/ml
Aliphatic C12-C16	6.841	10.285	8335701.000	40.000	ug/ml
Aliphatic C16-C21	10.286	13.658	12181019.000	60.000	ug/ml
Aliphatic C21-C28	13.659	17.327	15623039.000	80.000	ug/ml
Aliphatic C28-C40	17.328	22.264	21432724.000	120.000	ug/ml
Aliphatic EPH	3.218	22.264	69626478.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056801.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 04:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 14 00:31:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.953	4503991	21.559 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
12) S 1-chlorooctadecane (S...	13.390	3422628	21.243 ug/ml
Spiked Amount 50.000		Recovery =	42.49%
Target Compounds			
1) T n-Nonane (C9)	3.315	3841514	22.871 ug/ml
2) T n-Decane (C10)	4.566	4049811	23.601 ug/ml
3) T A~Naphthalene (C11.7)	6.281	4185381	22.675 ug/ml
4) T n-Dodecane (C12)	6.738	4162670	23.933 ug/ml
5) T A~2-methylnaphthalene...	7.380	3985998	22.491 ug/ml
6) T n-Tetradecane (C14)	8.571	4113804	23.568 ug/ml
7) T n-Hexadecane (C16)	10.183	4221897	23.076 ug/ml
8) T n-Octadecane (C18)	11.630	4235715	22.379 ug/ml
10) T n-Eicosane (C20)	12.943	4023322	21.589 ug/ml
11) T n-Heneicosane (C21)	13.557	3921982	21.329 ug/ml
13) T n-Docosane (C22)	14.144	3909130	20.882 ug/ml
14) T n-Tetracosane (C24)	15.250	3955008	20.193 ug/ml
15) T n-Hexacosane (C26)	16.274	3870524	19.916 ug/ml
16) T n-Octacosane (C28)	17.225	3888377	20.078 ug/ml
17) T n-Tricontane (C30)	18.115	4093765	20.418 ug/ml
18) T n-Dotriacontane (C32)	18.950	4153330	21.120 ug/ml
19) T n-Tetratriacontane (C34)	19.735	3824883	22.159 ug/ml
20) T n-Hexatriacontane (C36)	20.476	3312636	22.900 ug/ml
21) T n-Octatriacontane (C38)	21.226	3074419	24.427 ug/ml
22) T n-Tetracontane (C40)	22.160	2973691	25.721 ug/ml

(f)=RT Delta > 1/2 Window

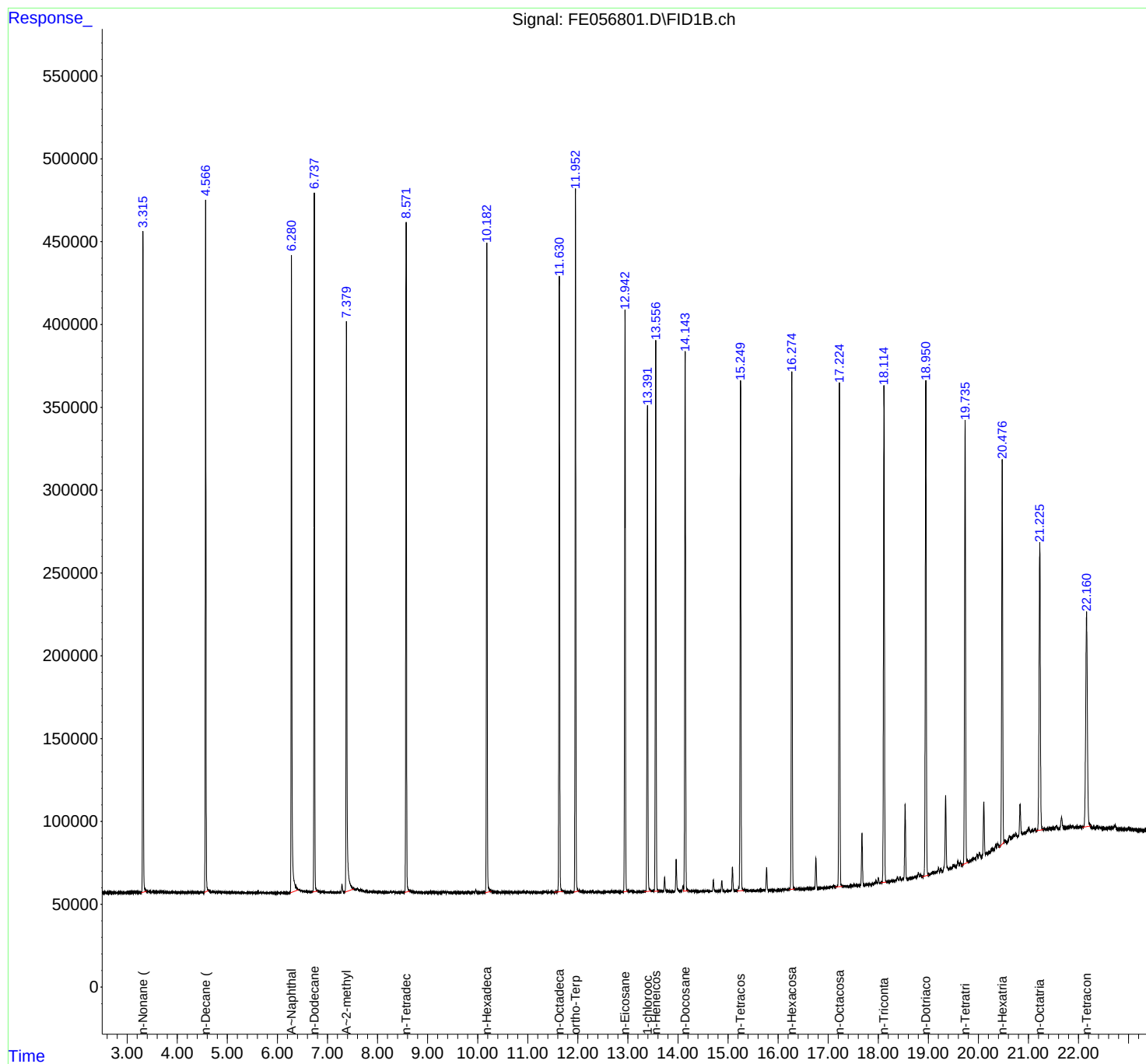
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056801.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 04:57
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Nov 14 00:31:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056801.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 04:57
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.315	3.284	3.389	BB	398795	3841514	85.29%	4.478%
2	4.566	4.535	4.620	BBA	417983	4049811	89.92%	4.721%
3	6.281	6.250	6.422	BB	382942	4185381	92.93%	4.879%
4	6.738	6.697	6.804	BB	421785	4162670	92.42%	4.852%
5	7.380	7.345	7.529	BB	344480	3985998	88.50%	4.646%
6	8.571	8.537	8.645	BB	404278	4113804	91.34%	4.795%
7	10.183	10.147	10.269	BB	389058	4221897	93.74%	4.921%
8	11.630	11.532	11.707	BB	371803	4235715	94.04%	4.937%
9	11.953	11.917	12.024	BB	423298	4503991	100.00%	5.250%
10	12.943	12.904	13.002	BB	349000	4023322	89.33%	4.690%
11	13.390	13.329	13.469	BB	292737	3422628	75.99%	3.990%
12	13.557	13.519	13.619	BB	332641	3921982	87.08%	4.572%
13	14.144	14.112	14.204	VB	324854	3909130	86.79%	4.557%
14	15.250	15.180	15.317	BB	309193	3955008	87.81%	4.610%
15	16.274	16.215	16.329	BB	312947	3870524	85.94%	4.512%
16	17.225	17.139	17.287	BB	301223	3888377	86.33%	4.533%
17	18.115	18.054	18.164	BB	297899	4093765	90.89%	4.772%
18	18.950	18.877	19.009	BB	298988	4153330	92.21%	4.841%
19	19.735	19.670	19.799	BB	268023	3824883	84.92%	4.459%
20	20.476	20.420	20.514	BV	231986	3312636	73.55%	3.861%
21	21.226	21.155	21.292	BB	173912	3074419	68.26%	3.584%
22	22.160	22.075	22.282	BB	130370	3037207	67.43%	3.540%
Sum of corrected areas:							85787991	

Aliphatic EPH 103025.M Fri Nov 14 00:47:38 2025

Continuing Calibration Report for SequenceID : FE111225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE056806.D

Aliphatic C9-C12	12232166.000	60.000	3.218	6.840	203869.433	171162.641	-19.109
Aliphatic C12-C16	8463025.000	40.000	6.841	10.285	211575.625	178754.319	-18.361
Aliphatic C16-C21	12374812.000	60.000	10.286	13.658	206246.867	186505.496	-10.585
Aliphatic C21-C28	15837793.000	80.000	13.659	17.327	197972.413	192766.144	-2.701
Aliphatic C28-C40	21245603.000	120.000	17.328	22.264	177046.692	159314.647	-11.130
Aliphatic EPH	70153399.000	360.000	3.218	22.264	194870.553	175414.751	-11.091

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	13 Nov 2025 07:58
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056806.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.218	6.840	12232166.000	60.000	ug/ml
Aliphatic C12-C16	6.841	10.285	8463025.000	40.000	ug/ml
Aliphatic C16-C21	10.286	13.658	12374812.000	60.000	ug/ml
Aliphatic C21-C28	13.659	17.327	15837793.000	80.000	ug/ml
Aliphatic C28-C40	17.328	22.264	21245603.000	120.000	ug/ml
Aliphatic EPH	3.218	22.264	70153399.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056806.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 07:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
 Quant Time: Nov 14 00:32:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.952	4570271	21.876 ug/ml
Spiked Amount 50.000		Recovery =	43.75%
12) S 1-chlorooctadecane (S...	13.390	3467474	21.521 ug/ml
Spiked Amount 50.000		Recovery =	43.04%
Target Compounds			
1) T n-Nonane (C9)	3.315	3897621	23.205 ug/ml
2) T n-Decane (C10)	4.567	4106641	23.932 ug/ml
3) T A~Naphthalene (C11.7)	6.280	4241978	22.981 ug/ml
4) T n-Dodecane (C12)	6.737	4227904	24.308 ug/ml
5) T A~2-methylnaphthalene...	7.379	4050180	22.854 ug/ml
6) T n-Tetradecane (C14)	8.571	4185591	23.979 ug/ml
7) T n-Hexadecane (C16)	10.182	4277434	23.379 ug/ml
8) T n-Octadecane (C18)	11.629	4305460	22.748 ug/ml
10) T n-Eicosane (C20)	12.942	4088949	21.941 ug/ml
11) T n-Heneicosane (C21)	13.556	3980403	21.647 ug/ml
13) T n-Docosane (C22)	14.144	3972425	21.220 ug/ml
14) T n-Tetracosane (C24)	15.250	4007169	20.459 ug/ml
15) T n-Hexacosane (C26)	16.273	3926223	20.203 ug/ml
16) T n-Octacosane (C28)	17.224	3931976	20.303 ug/ml
17) T n-Tricontane (C30)	18.114	4095248	20.426 ug/ml
18) T n-Dotriacontane (C32)	18.948	4100055	20.850 ug/ml
19) T n-Tetratriacontane (C34)	19.734	3760594	21.787 ug/ml
20) T n-Hexatriacontane (C36)	20.476	3279807	22.673 ug/ml
21) T n-Octatriacontane (C38)	21.222	3044784	24.192 ug/mlm
22) T n-Tetracontane (C40)	22.160	2965115	25.647 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056806.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 07:58
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

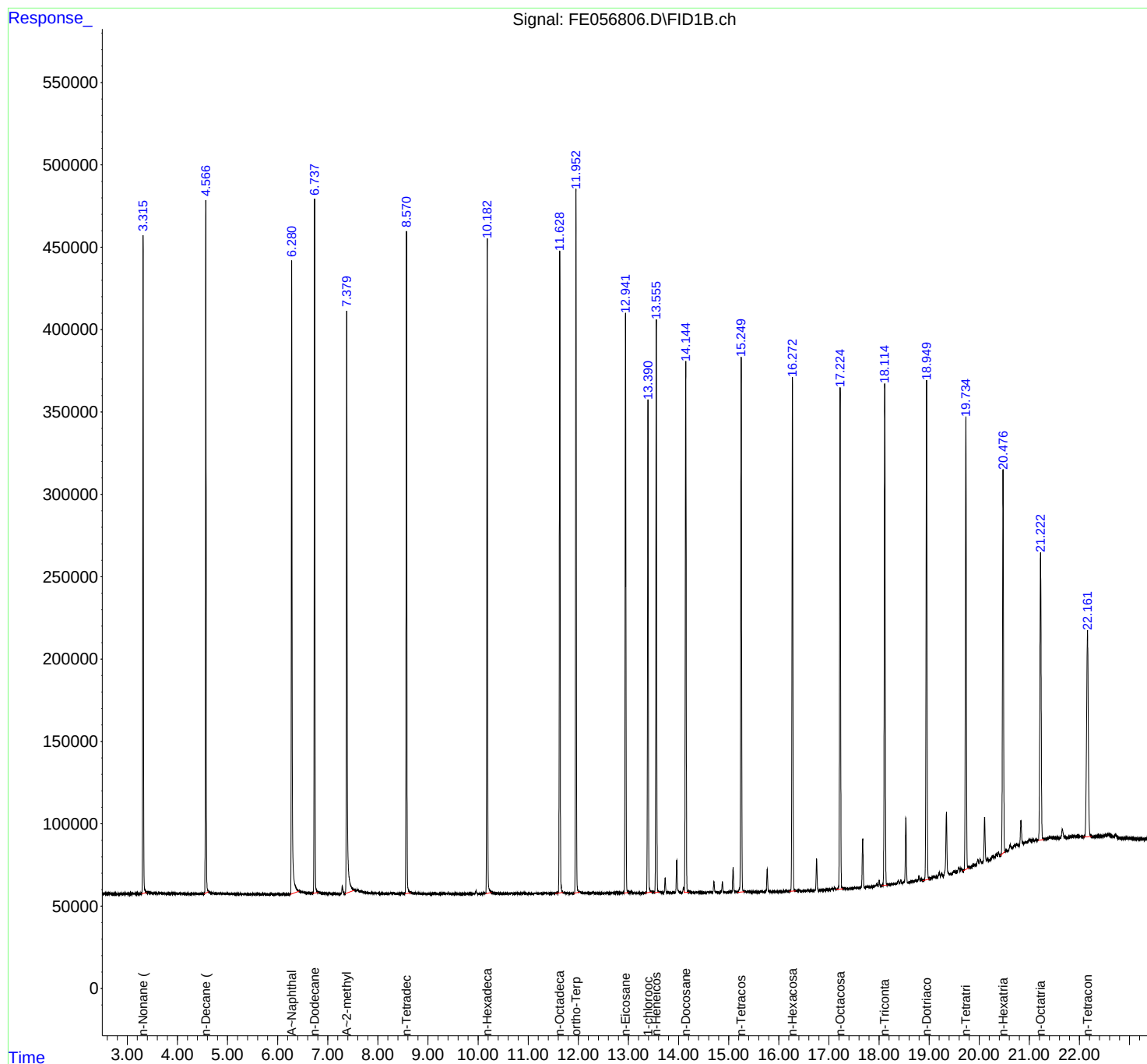
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
Quant Time: Nov 14 00:32:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

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

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE11122
Data File : FE056806.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 07:58
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.315	3.284	3.394	BB	399376	3897621	85.28%	4.506%
2	4.567	4.527	4.620	BBA	421371	4106641	89.86%	4.748%
3	6.280	6.247	6.425	BB	384432	4241978	92.82%	4.905%
4	6.737	6.695	6.814	BB	420305	4227904	92.51%	4.888%
5	7.379	7.342	7.534	BB	353924	4050180	88.62%	4.683%
6	8.571	8.535	8.659	BB	402377	4185591	91.58%	4.839%
7	10.182	10.147	10.264	BB	396061	4277434	93.59%	4.946%
8	11.629	11.537	11.700	BB	389452	4305460	94.21%	4.978%
9	11.952	11.905	12.025	BB	426464	4570271	100.00%	5.284%
10	12.942	12.904	13.005	BB	350623	4088949	89.47%	4.728%
11	13.390	13.329	13.465	BB	301399	3467474	75.87%	4.009%
12	13.556	13.515	13.614	BB	346911	3980403	87.09%	4.602%
13	14.144	14.111	14.209	VB	321784	3972425	86.92%	4.593%
14	15.250	15.172	15.317	BB	322878	4007169	87.68%	4.633%
15	16.273	16.209	16.340	BB	312212	3926223	85.91%	4.540%
16	17.224	17.139	17.289	BB	302971	3931976	86.03%	4.546%
17	18.114	18.052	18.169	BB	303841	4095248	89.61%	4.735%
18	18.948	18.872	19.010	BB	303288	4100055	89.71%	4.741%
19	19.734	19.669	19.795	BB	274079	3760594	82.28%	4.348%
20	20.476	20.419	20.512	BV	232594	3279807	71.76%	3.792%
21	21.223	21.079	21.297	BB	174046	3029793	66.29%	3.503%
22	22.160	22.075	22.262	BB	125315	2986503	65.35%	3.453%
Sum of corrected areas:						86489700		

Aliphatic EPH 103025.M Fri Nov 14 00:49:41 2025

Continuing Calibration Report for SequenceID : FF111225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FF016656.D

Aromatic C10-C12	5209448.000	40.000	4.507	6.384	130236.200	131963.544	1.309
Aromatic C12-C16	7860079.000	60.000	6.385	9.088	131001.317	135166.617	3.082
Aromatic C16-C21	9801270.000	80.000	9.089	13.409	122515.875	133743.127	8.395
Aromatic C21-C36	20907615.000	180.000	13.410	18.874	116153.417	117666.204	1.286
Aromatic EPH	43778412.000	360.000	4.507	18.874	121606.700	125744.182	3.290

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	12 Nov 2025 13:15
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016656.D	Misc:	
Instrument:	FID_F	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.507	6.384	5209448.000	40.000	ug/ml
Aromatic C12-C16	6.385	9.088	7860079.000	60.000	ug/ml
Aromatic C16-C21	9.089	13.409	9801270.000	80.000	ug/ml
Aromatic C21-C36	13.410	18.874	20907615.000	180.000	ug/ml
Aromatic EPH	4.507	18.874	43778412.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016656.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 13:15
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 05:17:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.013	2207298	19.478 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
6) S 2-Fluorobiphenyl (SURR)	8.889	1420907	19.923 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.85%
11) S ortho-Terphenyl (SURR)	11.956	2730228	18.592 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	2593281	19.700 ug/ml
2) T Naphthalene (C11.7)	6.284	2616167	19.776 ug/ml
3) T 2-Methylnaphthalene (...)	7.383	2627414	19.765 ug/ml
5) T Acenaphthylene (C15.06)	8.689	2571103	19.031 ug/ml
7) T Acenaphthene (C15.5)	8.988	2661562	19.362 ug/ml
8) T Flouorene (C16.55)	9.778	2526960	19.410 ug/ml
9) T Phenanthrene (C19.36)	11.187	2504760	18.943 ug/ml
10) T Anthracene (C19.43)	11.261	2334538	17.228 ug/ml
12) T Fluoranthene (C21.85)	13.011	2516921	18.340 ug/ml
13) T Pyrene (C20.8)	13.309	2435012	17.768 ug/ml
14) T Benzo[a]anthracene (C...	15.195	2162738	18.990 ug/ml
15) T Chrysene (C27.41)	15.237	2514772	17.821 ug/ml
16) T benzo[b]fluoranthene ...	16.759	2235521	20.115 ug/ml
17) T Bnezo[k]fluoranthene ...	16.790	2271135	18.594 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.140	2219954	20.227 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.517	2044248	23.756 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	2536280	19.259 ug/ml
21) T Benzo[g,h,i]perylene ...	18.774	2406046	22.704 ug/ml

(f)=RT Delta > 1/2 Window

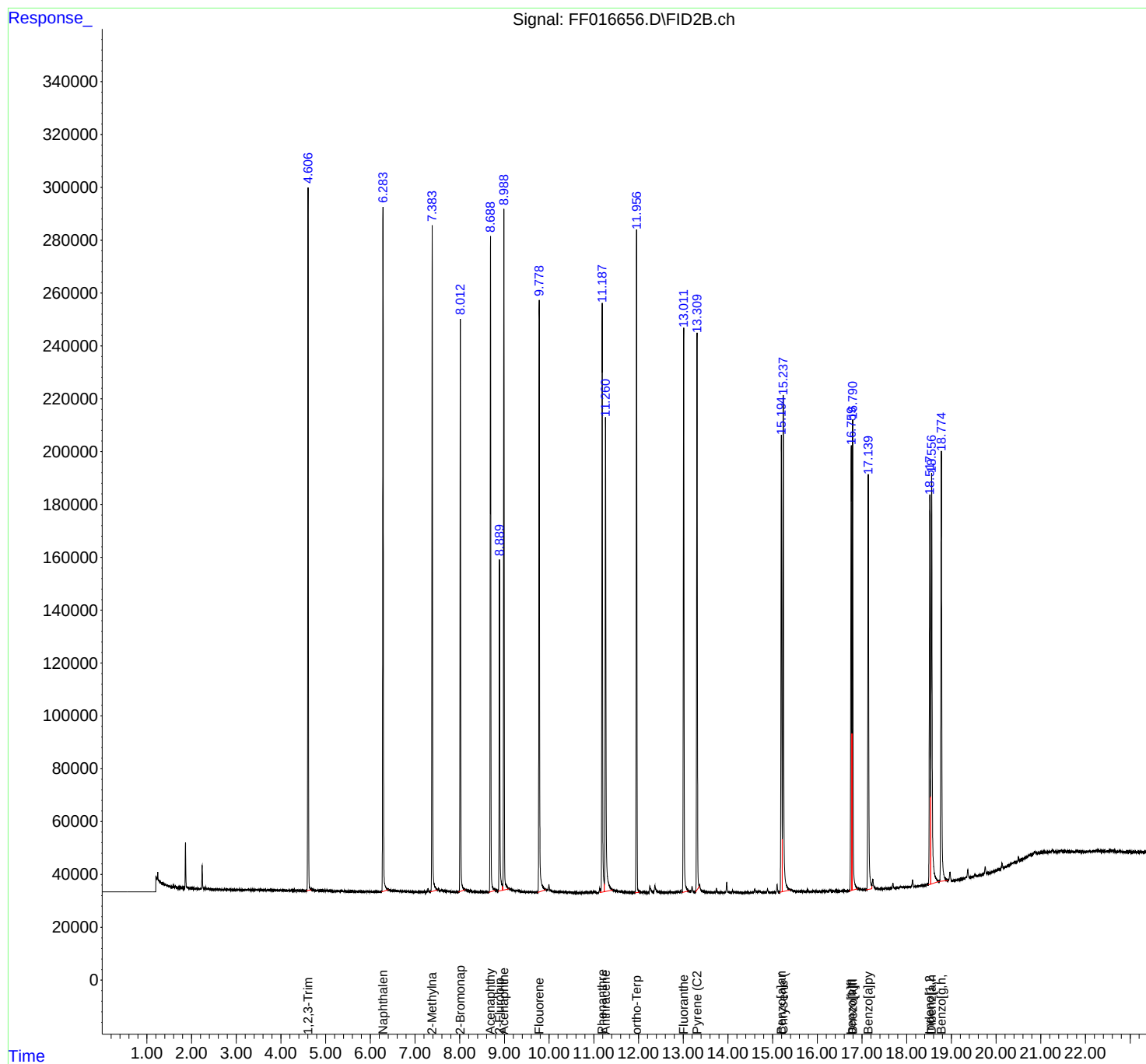
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016656.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 13:15
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD

Integration File: autoint1.e
Quant Time: Nov 14 05:17:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 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_F\Data\FF111225AR\
 Data File : FF016656.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 13:15
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.607	4.567	4.682	BB	265797	2593281	94.98%	5.172%
2	6.284	6.247	6.401	BB	257810	2616167	95.82%	5.218%
3	7.383	7.341	7.504	BB	251778	2627414	96.23%	5.240%
4	8.013	7.971	8.124	BB	216852	2207298	80.85%	4.403%
5	8.689	8.649	8.796	BB	248399	2571103	94.17%	5.128%
6	8.889	8.857	8.959	BV	125073	1420907	52.04%	2.834%
7	8.988	8.959	9.107	VB	257919	2661562	97.48%	5.309%
8	9.778	9.744	9.929	BB	224238	2526960	92.55%	5.040%
9	11.187	11.144	11.233	VV	222409	2504760	91.74%	4.996%
10	11.261	11.233	11.422	VB	178971	2334538	85.51%	4.656%
11	11.956	11.914	12.026	BB	251198	2730228	100.00%	5.446%
12	13.011	12.976	13.121	BB	213701	2516921	92.19%	5.020%
13	13.309	13.272	13.356	BV	210976	2435012	89.19%	4.857%
14	15.195	15.159	15.216	BV	172846	2162738	79.21%	4.314%
15	15.237	15.216	15.394	VB	187962	2514772	92.11%	5.016%
16	16.759	16.711	16.774	BV	168315	2235521	81.88%	4.459%
17	16.790	16.774	16.909	VB	178052	2271135	83.18%	4.530%
18	17.140	17.084	17.219	BV	155899	2219954	81.31%	4.428%
19	18.517	18.481	18.536	BV	147360	2044248	74.87%	4.077%
20	18.557	18.536	18.722	VB	154974	2536280	92.90%	5.059%
21	18.774	18.731	18.924	BB	162716	2406046	88.13%	4.799%
Sum of corrected areas:							50136843	

Aromatic EPH 102925.M Fri Nov 14 05:37:11 2025

Continuing Calibration Report for SequenceID : FF111225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FF016664.D

Aromatic C10-C12	4958729.000	40.000	4.507	6.384	123968.225	131963.544	6.059
Aromatic C12-C16	7521799.000	60.000	6.385	9.088	125363.317	135166.617	7.253
Aromatic C16-C21	9402536.000	80.000	9.089	13.409	117531.700	133743.127	12.121
Aromatic C21-C36	20186096.000	180.000	13.410	18.874	112144.978	117666.204	4.692
Aromatic EPH	42069160.000	360.000	4.507	18.874	116858.778	125744.182	7.066

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	12 Nov 2025 19:23
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016664.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.507	6.384	4958729.000	40.000	ug/ml
Aromatic C12-C16	6.385	9.088	7521799.000	60.000	ug/ml
Aromatic C16-C21	9.089	13.409	9402536.000	80.000	ug/ml
Aromatic C21-C36	13.410	18.874	20186096.000	180.000	ug/ml
Aromatic EPH	4.507	18.874	42069160.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016664.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 19:23
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 05:20:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.012	2106512	18.589 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
6) S 2-Fluorobiphenyl (SURR)	8.888	1351357	18.947 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.89%
11) S ortho-Terphenyl (SURR)	11.955	2635435	17.946 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	2477518	18.821 ug/ml
2) T Naphthalene (C11.7)	6.282	2481211	18.756 ug/ml
3) T 2-Methylnaphthalene (...)	7.382	2505138	18.845 ug/ml
5) T Acenaphthylene (C15.06)	8.687	2463909	18.237 ug/ml
7) T Acenaphthene (C15.5)	8.986	2552752	18.571 ug/ml
8) T Flouorene (C16.55)	9.776	2415836	18.556 ug/ml
9) T Phenanthrene (C19.36)	11.185	2409448	18.222 ug/ml
10) T Anthracene (C19.43)	11.260	2244136	16.561 ug/ml
12) T Fluoranthene (C21.85)	13.009	2431129	17.715 ug/ml
13) T Pyrene (C20.8)	13.308	2333116	17.024 ug/ml
14) T Benzo[a]anthracene (C...	15.194	2076969	18.236 ug/ml
15) T Chrysene (C27.41)	15.235	2436613	17.267 ug/ml
16) T benzo[b]fluoranthene ...	16.756	2151809	19.362 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	2214045	18.126 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.138	2138058	19.481 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.516	1951450	22.678 ug/ml
20) T Dibenz[a,h]anthracene...	18.554	2473649	18.783 ug/ml
21) T Benzo[g,h,i]perylene ...	18.770	2312374	21.820 ug/ml

(f)=RT Delta > 1/2 Window

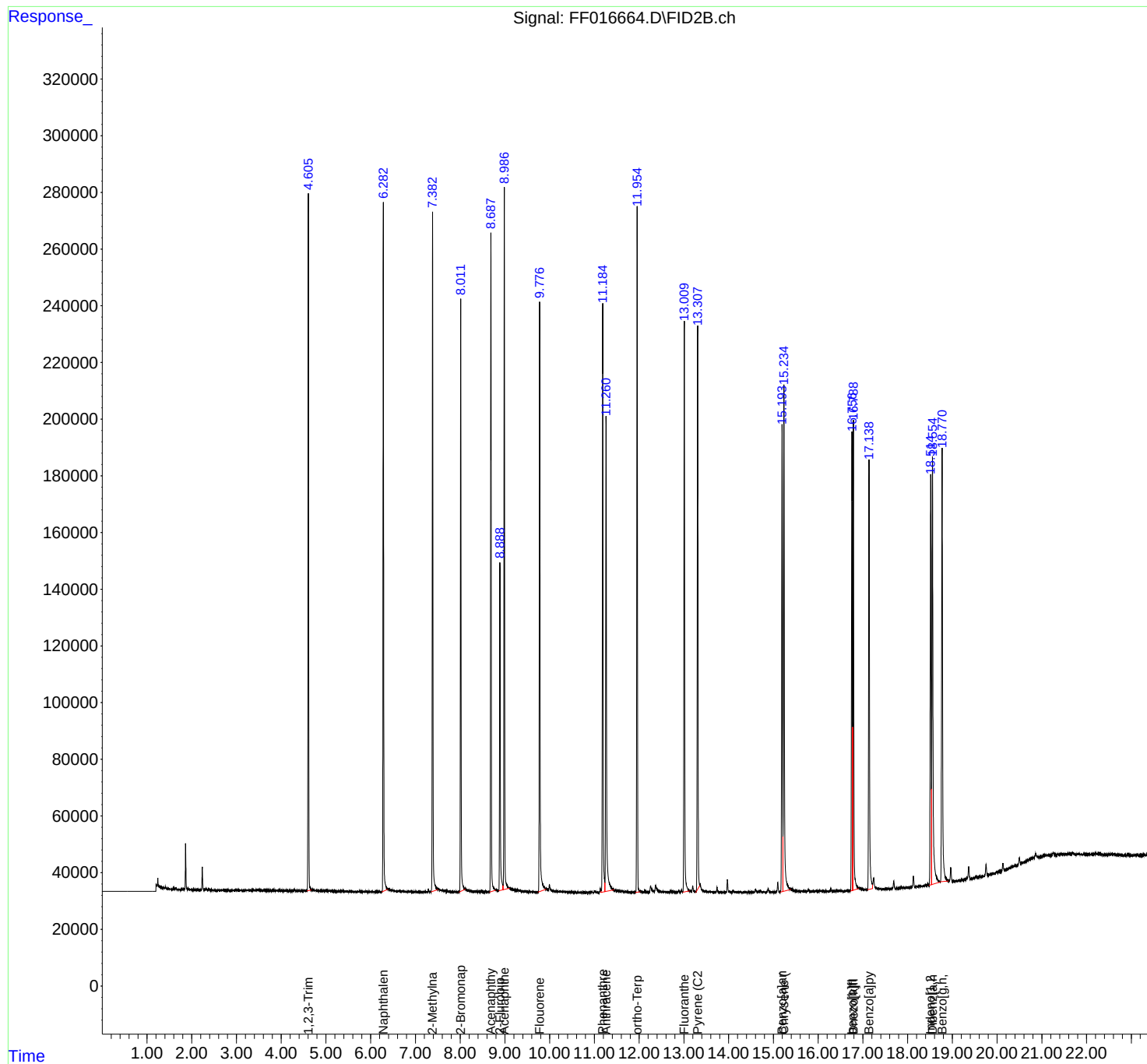
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016664.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 19:23
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD

Integration File: autoint1.e
Quant Time: Nov 14 05:20:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 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_F\Data\FF111225AR\
Data File : FF016664.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 19:23
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.606	4.576	4.677	BB	245721	2477518	94.01%	5.144%
2	6.282	6.246	6.386	BB	242717	2481211	94.15%	5.152%
3	7.382	7.347	7.506	BB	239535	2505138	95.06%	5.201%
4	8.012	7.972	8.114	BB	208253	2106512	79.93%	4.374%
5	8.687	8.652	8.797	BB	232775	2463909	93.49%	5.116%
6	8.888	8.857	8.957	BV	115965	1351357	51.28%	2.806%
7	8.986	8.957	9.102	VB	246982	2552752	96.86%	5.300%
8	9.776	9.736	9.924	BB	207297	2415836	91.67%	5.016%
9	11.185	11.144	11.234	VV	207498	2409448	91.43%	5.003%
10	11.260	11.234	11.436	VB	167151	2244136	85.15%	4.660%
11	11.955	11.911	12.027	BB	241697	2635435	100.00%	5.472%
12	13.009	12.972	13.132	BB	201656	2431129	92.25%	5.048%
13	13.308	13.271	13.354	BV	198707	2333116	88.53%	4.844%
14	15.194	15.157	15.214	BV	164624	2076969	78.81%	4.312%
15	15.235	15.214	15.386	VB	178666	2436613	92.46%	5.059%
16	16.756	16.716	16.772	BV	161867	2151809	81.65%	4.468%
17	16.788	16.772	16.909	VB	165353	2214045	84.01%	4.597%
18	17.138	17.097	17.214	BV	151722	2138058	81.13%	4.439%
19	18.516	18.481	18.534	BV	144264	1951450	74.05%	4.052%
20	18.554	18.534	18.727	VB	150641	2473649	93.86%	5.136%
21	18.770	18.731	18.916	BB	153549	2312374	87.74%	4.801%
Sum of corrected areas:							48162467	

Aromatic EPH 102925.M Fri Nov 14 05:40:12 2025

Continuing Calibration Report for SequenceID : FG111325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FG016907.D

Aliphatic C9-C12	7691493.000	60.000	3.260	6.903	128191.550	122003.227	-5.072
Aliphatic C12-C16	5276607.000	40.000	6.904	10.362	131915.175	122851.240	-7.378
Aliphatic C16-C21	8211247.000	60.000	10.363	13.751	136854.117	132396.253	-3.367
Aliphatic C21-C28	10726527.000	80.000	13.752	17.437	134081.588	139034.659	3.562
Aliphatic C28-C40	13084899.000	120.000	17.438	22.462	109040.825	113794.545	4.177
Aliphatic EPH	44990773.000	360.000	3.260	22.462	124974.369	124878.157	-0.077

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	13 Nov 2025 11:57
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016907.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.260	6.903	7691493.000	60.000	ug/ml
Aliphatic C12-C16	6.904	10.362	5276607.000	40.000	ug/ml
Aliphatic C16-C21	10.363	13.751	8211247.000	60.000	ug/ml
Aliphatic C21-C28	13.752	17.437	10726527.000	80.000	ug/ml
Aliphatic C28-C40	17.438	22.462	13084899.000	120.000	ug/ml
Aliphatic EPH	3.260	22.462	44990773.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
 Data File : FG016907.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2025 11:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 14 04:27:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.038	3099392	19.625 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
12) S 1-chlorooctadecane (S...	13.484	2343032	19.455 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T n-Nonane (C9)	3.361	2487915	19.969 ug/ml
2) T n-Decane (C10)	4.623	2578568	20.141 ug/ml
3) T A~Naphthalene (C11.7)	6.341	2678368	20.470 ug/ml
4) T n-Dodecane (C12)	6.804	2625010	20.133 ug/ml
5) T A~2-methylnaphthalene...	7.444	2516631	20.913 ug/ml
6) T n-Tetradecane (C14)	8.644	2594883	20.311 ug/ml
7) T n-Hexadecane (C16)	10.261	2681724	20.295 ug/ml
8) T n-Octadecane (C18)	11.714	2776442	19.923 ug/ml
10) T n-Eicosane (C20)	13.034	2728525	19.520 ug/ml
11) T n-Heneicosane (C21)	13.651	2706280	19.465 ug/ml
13) T n-Docosane (C22)	14.241	2701303	19.093 ug/ml
14) T n-Tetracosane (C24)	15.353	2727349	18.550 ug/ml
15) T n-Hexacosane (C26)	16.381	2673018	18.220 ug/ml
16) T n-Octacosane (C28)	17.338	2624857	17.831 ug/ml
17) T n-Tricontane (C30)	18.232	2703429	17.866 ug/ml
18) T n-Dotriacontane (C32)	19.070	2638268	17.898 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2351595	18.248 ug/ml
20) T n-Hexatriacontane (C36)	20.604	1974738	19.079 ug/ml
21) T n-Octatriacontane (C38)	21.380	1768130	20.056 ug/ml
22) T n-Tetracontane (C40)	22.364	1648739	21.057 ug/ml

(f)=RT Delta > 1/2 Window

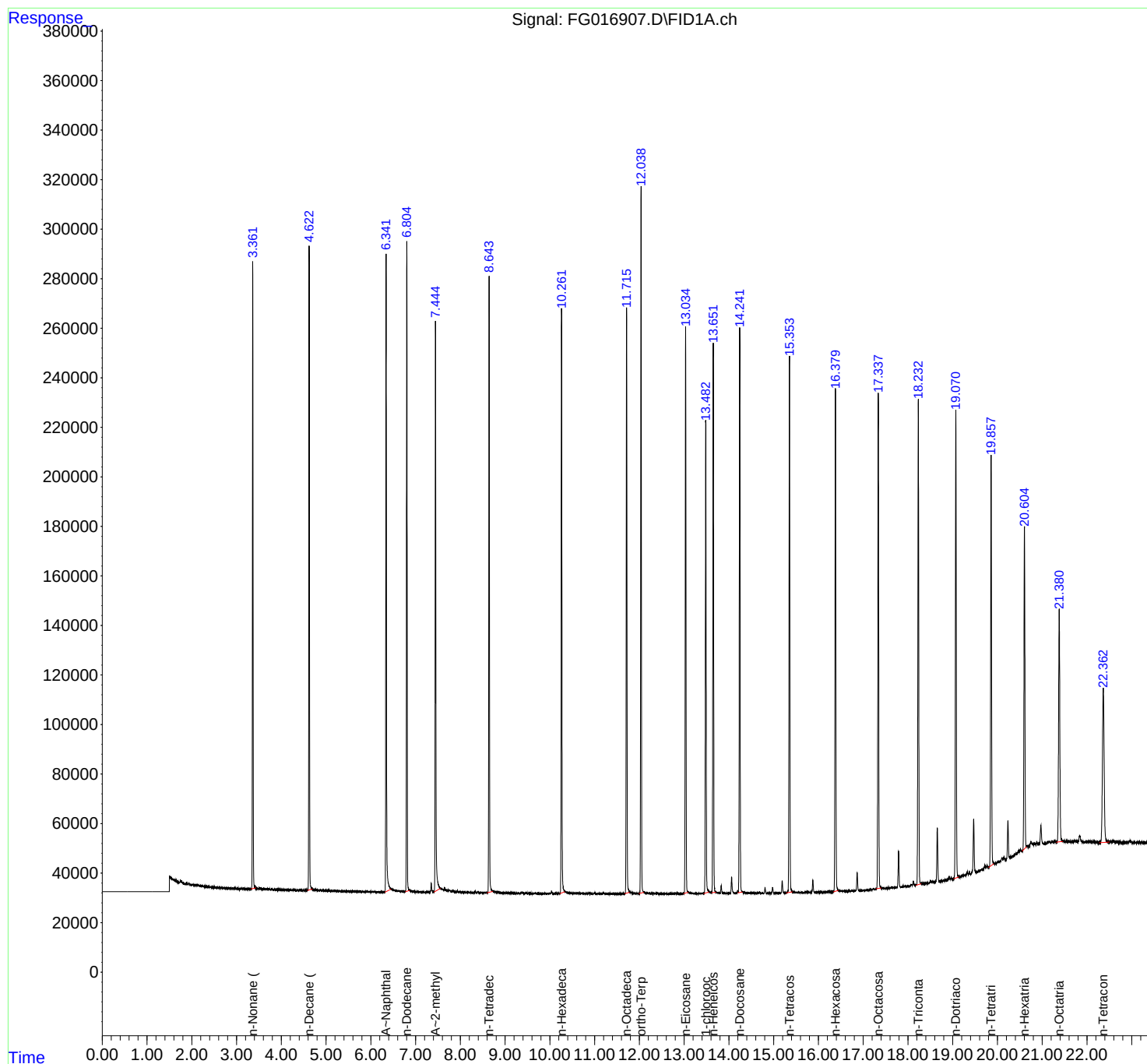
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016907.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 11:57
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Nov 14 04:27:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016907.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 11:57
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.361	3.320	3.426	BB	253266	2487915	80.27%	4.472%
2	4.623	4.586	4.689	BB	259676	2578568	83.20%	4.635%
3	6.341	6.313	6.453	BB	257726	2678368	86.42%	4.815%
4	6.804	6.771	6.864	BB	262287	2625010	84.69%	4.719%
5	7.444	7.410	7.553	BB	229955	2516631	81.20%	4.524%
6	8.644	8.598	8.723	BB	248588	2594883	83.72%	4.665%
7	10.261	10.220	10.340	BB	235638	2681724	86.52%	4.821%
8	11.714	11.670	11.785	BB	235680	2776442	89.58%	4.991%
9	12.038	11.990	12.104	BB	285511	3099392	100.00%	5.572%
10	13.034	12.987	13.094	BB	228570	2728525	88.03%	4.905%
11	13.484	13.442	13.557	BB	190131	2343032	75.60%	4.212%
12	13.651	13.613	13.713	BB	221063	2706280	87.32%	4.865%
13	14.241	14.209	14.304	VB	227462	2701303	87.16%	4.856%
14	15.353	15.286	15.423	BB	215357	2727349	88.00%	4.903%
15	16.381	16.338	16.447	BB	202280	2673018	86.24%	4.805%
16	17.338	17.289	17.403	BB	199814	2624857	84.69%	4.719%
17	18.232	18.176	18.298	BB	194229	2703429	87.22%	4.860%
18	19.070	19.023	19.139	BB	188857	2638268	85.12%	4.743%
19	19.858	19.803	19.921	BB	164571	2351595	75.87%	4.227%
20	20.604	20.548	20.652	BB	129688	1974738	63.71%	3.550%
21	21.380	21.318	21.465	BB	94050	1768130	57.05%	3.178%
22	22.364	22.280	22.500	BB	62260	1648739	53.20%	2.964%
Sum of corrected areas:							55628198	

Aliphatic EPH 102925.M Fri Nov 14 04:53:28 2025

Continuing Calibration Report for SequenceID : FG111325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FG016912.D

Aliphatic C9-C12	7839554.000	60.000	3.260	6.903	130659.233	122003.227	-7.095
Aliphatic C12-C16	5425659.000	40.000	6.904	10.362	135641.475	122851.240	-10.411
Aliphatic C16-C21	8437707.000	60.000	10.363	13.751	140628.450	132396.253	-6.218
Aliphatic C21-C28	10845602.000	80.000	13.752	17.437	135570.025	139034.659	2.492
Aliphatic C28-C40	13108710.000	120.000	17.438	22.462	109239.250	113794.545	4.003
Aliphatic EPH	45657232.000	360.000	3.260	22.462	126825.644	124878.157	-1.560

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	13 Nov 2025 14:36
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016912.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.260	6.903	7839554.000	60.000	ug/ml
Aliphatic C12-C16	6.904	10.362	5425659.000	40.000	ug/ml
Aliphatic C16-C21	10.363	13.751	8437707.000	60.000	ug/ml
Aliphatic C21-C28	13.752	17.437	10845602.000	80.000	ug/ml
Aliphatic C28-C40	17.438	22.462	13108710.000	120.000	ug/ml
Aliphatic EPH	3.260	22.462	45657232.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
 Data File : FG016912.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2025 14:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 14 04:28:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.037	3174949	20.103 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.483	2403841	19.960 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T n-Nonane (C9)	3.362	2526322	20.277 ug/ml
2) T n-Decane (C10)	4.622	2625628	20.509 ug/ml
3) T A~Naphthalene (C11.7)	6.341	2733035	20.888 ug/ml
4) T n-Dodecane (C12)	6.803	2687604	20.613 ug/ml
5) T A~2-methylnaphthalene...	7.444	2579226	21.433 ug/ml
6) T n-Tetradecane (C14)	8.644	2663742	20.850 ug/ml
7) T n-Hexadecane (C16)	10.261	2761917	20.902 ug/ml
8) T n-Octadecane (C18)	11.715	2857874	20.508 ug/ml
10) T n-Eicosane (C20)	13.034	2807573	20.086 ug/ml
11) T n-Heneicosane (C21)	13.650	2772260	19.940 ug/ml
13) T n-Docosane (C22)	14.240	2760227	19.510 ug/ml
14) T n-Tetracosane (C24)	15.352	2759791	18.770 ug/ml
15) T n-Hexacosane (C26)	16.381	2692151	18.350 ug/ml
16) T n-Octacosane (C28)	17.338	2633433	17.889 ug/ml
17) T n-Tricontane (C30)	18.230	2708538	17.900 ug/ml
18) T n-Dotriacontane (C32)	19.070	2648349	17.966 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2375230	18.432 ug/ml
20) T n-Hexatriacontane (C36)	20.602	1982607	19.155 ug/ml
21) T n-Octatriacontane (C38)	21.378	1768652	20.062 ug/ml
22) T n-Tetracontane (C40)	22.361	1625334	20.758 ug/ml

(f)=RT Delta > 1/2 Window

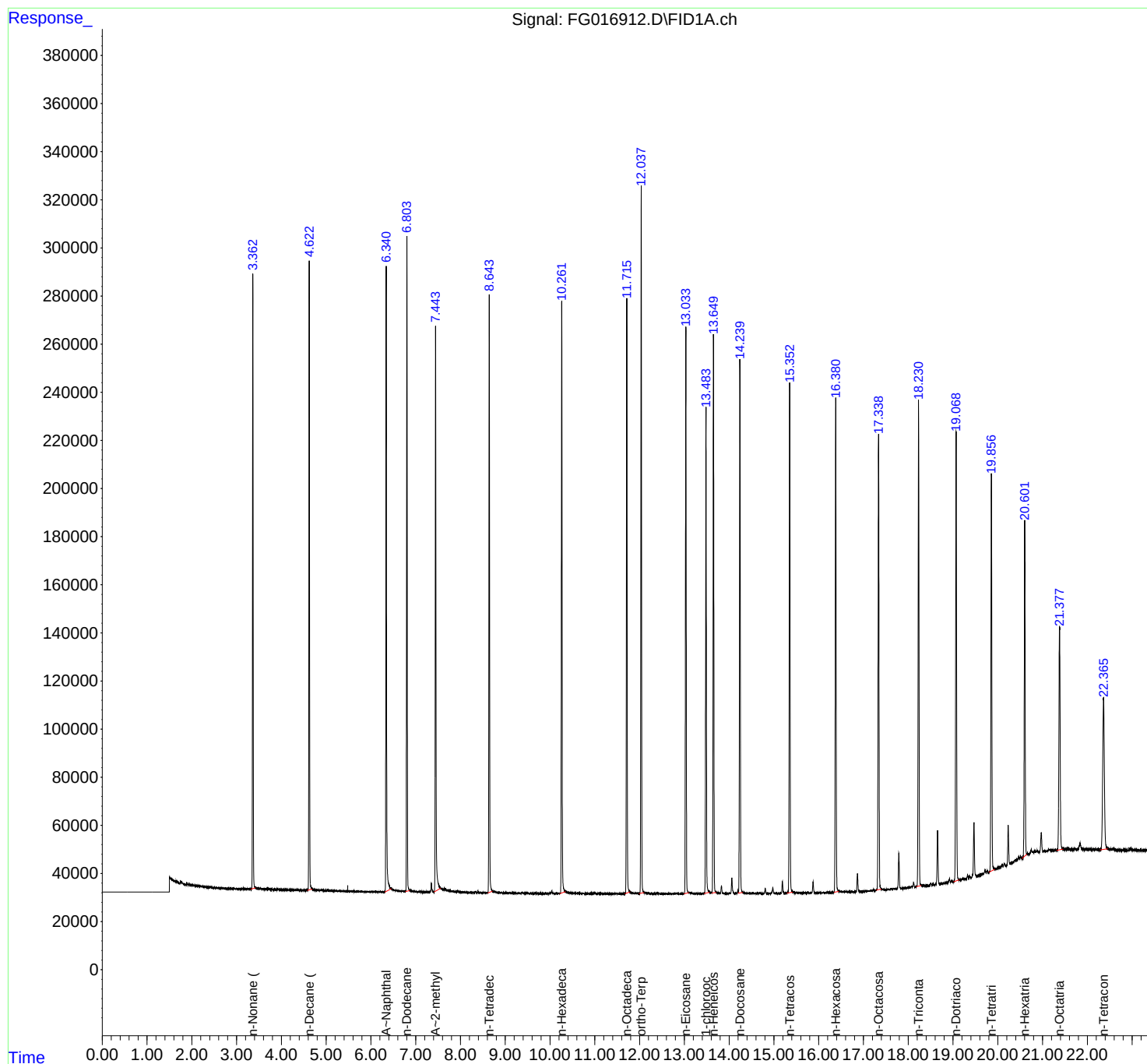
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016912.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 14:36
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Nov 14 04:28:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
 Data File : FG016912.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2025 14:36
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.362	3.320	3.424	BB	255331	2526322	79.57%	4.468%
2	4.622	4.584	4.689	BB	261450	2625628	82.70%	4.643%
3	6.341	6.309	6.454	BB	260027	2733035	86.08%	4.833%
4	6.803	6.771	6.869	BB	272061	2687604	84.65%	4.753%
5	7.444	7.409	7.558	BB	233482	2579226	81.24%	4.561%
6	8.644	8.613	8.717	BB	248197	2663742	83.90%	4.711%
7	10.261	10.216	10.346	BB	244588	2761917	86.99%	4.884%
8	11.715	11.672	11.785	BB	247221	2857874	90.01%	5.054%
9	12.037	11.994	12.103	BB	293892	3174949	100.00%	5.615%
10	13.034	12.990	13.100	BB	235239	2807573	88.43%	4.965%
11	13.483	13.438	13.563	BB	201724	2403841	75.71%	4.251%
12	13.650	13.613	13.713	BB	231720	2772260	87.32%	4.902%
13	14.240	14.209	14.308	VB	221291	2760227	86.94%	4.881%
14	15.352	15.288	15.422	BB	211689	2759791	86.92%	4.880%
15	16.381	16.338	16.449	BB	205251	2692151	84.79%	4.761%
16	17.338	17.289	17.403	BB	188480	2633433	82.94%	4.657%
17	18.230	18.181	18.293	BB	201280	2708538	85.31%	4.790%
18	19.070	19.012	19.138	BB	186025	2648349	83.41%	4.683%
19	19.858	19.803	19.928	BB	162140	2375230	74.81%	4.200%
20	20.602	20.547	20.652	BB	139422	1982607	62.45%	3.506%
21	21.378	21.312	21.460	BB	92655	1768652	55.71%	3.128%
22	22.361	22.281	22.458	BB	62712	1625334	51.19%	2.874%
Sum of corrected areas:							56548283	

Aliphatic EPH 102925.M Fri Nov 14 04:55:55 2025



QC SAMPLE DATA

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170496BL		SDG No.:	Q3584
Lab Sample ID:	PB170496BL		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 2000 uL	Test:	EPH
Prep Method :		Prep Date : 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	FE056802.D	11/13/25 5:58	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	FE056802.D	11/13/25 5:58	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	FE056802.D	11/13/25 5:58	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FE056802.D	11/13/25 5:58	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	1	23.8	60.0	ug/l	FE056802.D	11/13/25 5:58	PB170496
Aromatic C10-C12	Aromatic C10-C12	2.07	U	1	2.07	20.0	ug/l	FF016657.D	11/12/25 15:13	PB170496
Aromatic C12-C16	Aromatic C12-C16	4.26	U	1	4.26	30.0	ug/l	FF016657.D	11/12/25 15:13	PB170496
Aromatic C16-C21	Aromatic C16-C21	8.27	U	1	8.27	50.0	ug/l	FF016657.D	11/12/25 15:13	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FF016657.D	11/12/25 15:13	PB170496
Total AliphaticEPH	Total AliphaticEPH	66.4	U		66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	38.4	U		38.4	180	ug/l			
Total EPH	Total EPH	105	U		105	360	ug/l			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170496BL		SDG No.:	Q3584
Lab Sample ID:	PB170496BL		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	11/12/25	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	1	23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.7			40 - 140	49%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170496BL	Acq On:	13 Nov 2025 05:58
Client Sample ID:	PB170496BL	Operator:	YP\AJ
Data file:	FE056802.D	Misc:	
Instrument:	FID_E	ALS Vial:	45
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.218	6.840	0	0	300	ug/ml
Aliphatic C12-C16	6.841	10.285	0	0	200	ug/ml
Aliphatic C16-C21	10.286	13.658	0	0	300	ug/ml
Aliphatic C21-C28	13.659	17.327	0	0	400	ug/ml
Aliphatic C28-C40	17.328	22.264	0	0	600	ug/ml
Aliphatic EPH	3.218	22.264	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.391	13.391	3974189	24.67		ug/ml
Aliphatic C9-C28	3.218	17.327	0	0	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056802.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 05:58
Operator : YP\AJ
Sample : PB170496BL
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170496BL

Integration File: sample.E
Quant Time: Nov 14 00:26:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 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...	13.391	3974189	24.666 ug/ml
Spiked Amount 50.000		Recovery =	49.33%

Target Compounds

(f)=RT Delta > 1/2 Window

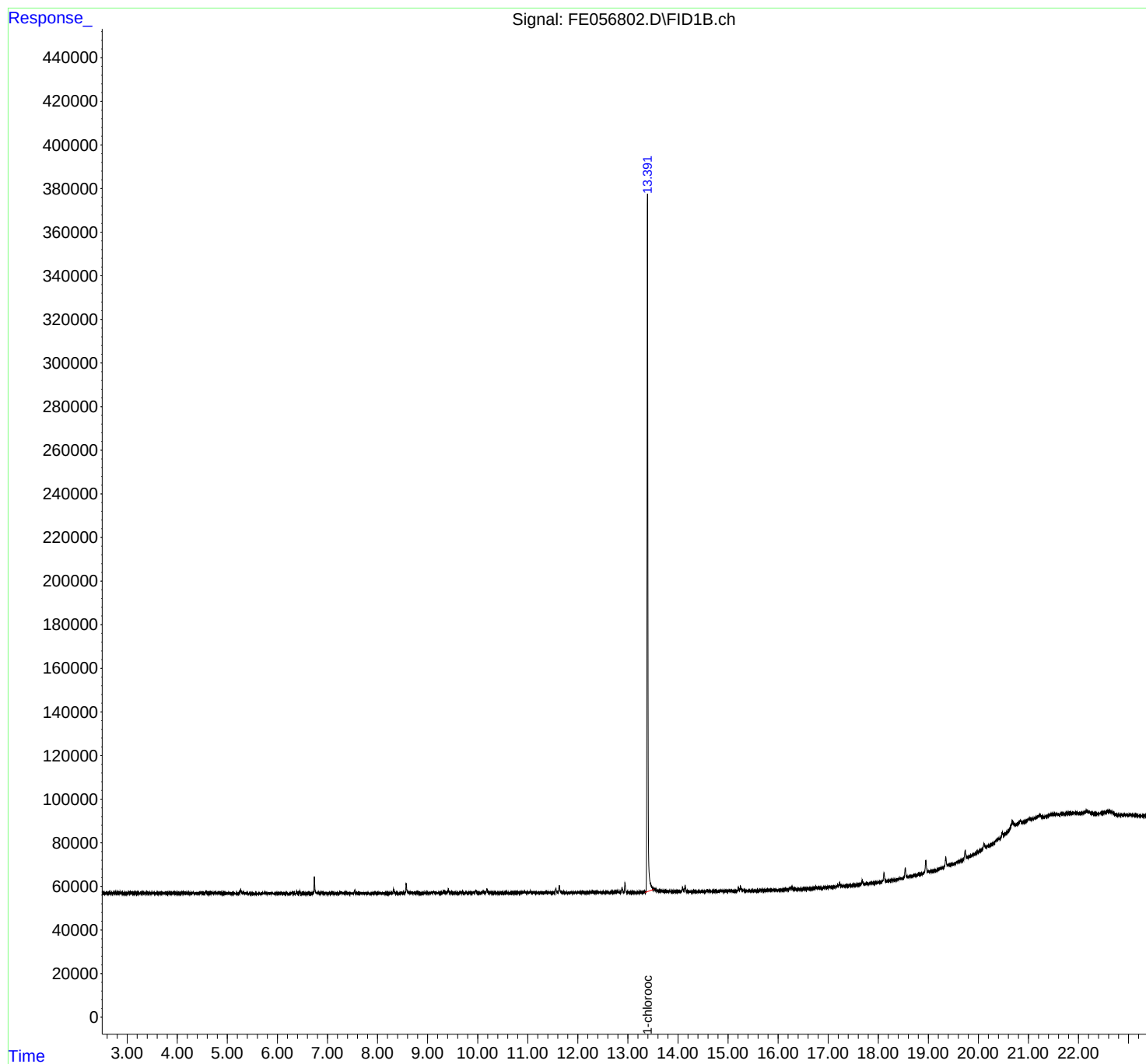
(m)=manual int.

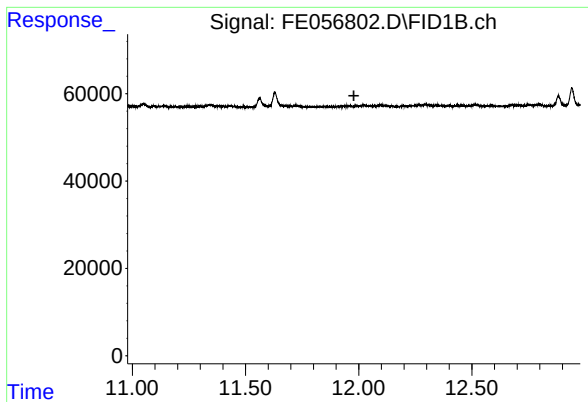
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056802.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 05:58
Operator : YP\AJ
Sample : PB170496BL
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170496BL

Integration File: sample.E
Quant Time: Nov 14 00:26:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

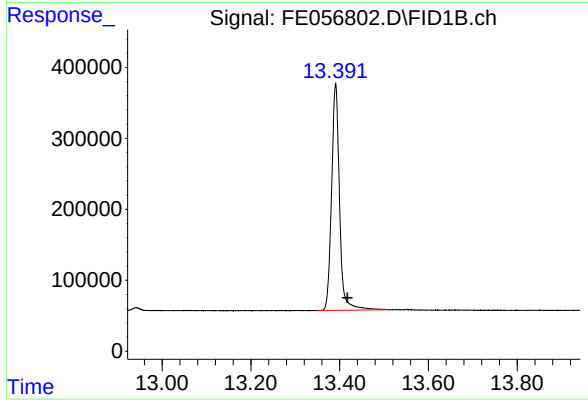




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.979 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
PB170496BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.391 min
Delta R.T.: -0.026 min
Response: 3974189
Conc: 24.67 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056802.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 05:58
Sample : PB170496BL
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	13.391	13.347	13.517	BB	318841	3974189	100.00%	100.000%
Sum of corrected areas:						3974189		

Aliphatic EPH 103025.M Fri Nov 14 00:48:01 2025

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170496BL		SDG No.:	Q3584
Lab Sample ID:	PB170496BL		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 2000 uL	Test:	EPH
Prep Method :		Prep Date 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	2.07	U	1	2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	4.26	U	1	4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	8.27	U	1	8.27	50.0	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	55.0			40 - 140	110%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	59.0			40 - 140	118%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	44.0			40 - 140	88%	SPK: 50		



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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170496BL	Acq On:	12 Nov 2025 15:13
Client Sample ID:	PB170496BL	Operator:	YP\AJ
Data file:	FF016657.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	0	0	200	ug/ml
Aromatic C12-C16	6.385	9.088	0	0	300	ug/ml
Aromatic C16-C21	9.089	13.409	0	0	500	ug/ml
Aromatic C21-C36	13.410	18.874	0	0	800	ug/ml
Aromatic EPH	4.507	18.874	0	0		ug/ml
2-Bromonaphthalene (SURR)	8.015	8.015	6229895	54.98		ug/ml
2-Fluorobiphenyl (SURR)	8.891	8.891	4204704	58.95		ug/ml
ortho-Terphenyl (SURR)	11.960	11.960	6453726	43.95		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016657.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 15:13
 Operator : YP\AJ
 Sample : PB170496BL
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170496BL

Integration File: autoint1.e
 Quant Time: Nov 14 05:17:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.015	6229895	54.975 ug/ml
Spiked Amount 50.000		Recovery =	109.95%
6) S 2-Fluorobiphenyl (SURR)	8.891	4204704	58.954 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.91%
11) S ortho-Terphenyl (SURR)	11.960	6453726	43.947 ug/ml
Spiked Amount 50.000		Recovery =	87.89%

Target Compounds

(f)=RT Delta > 1/2 Window

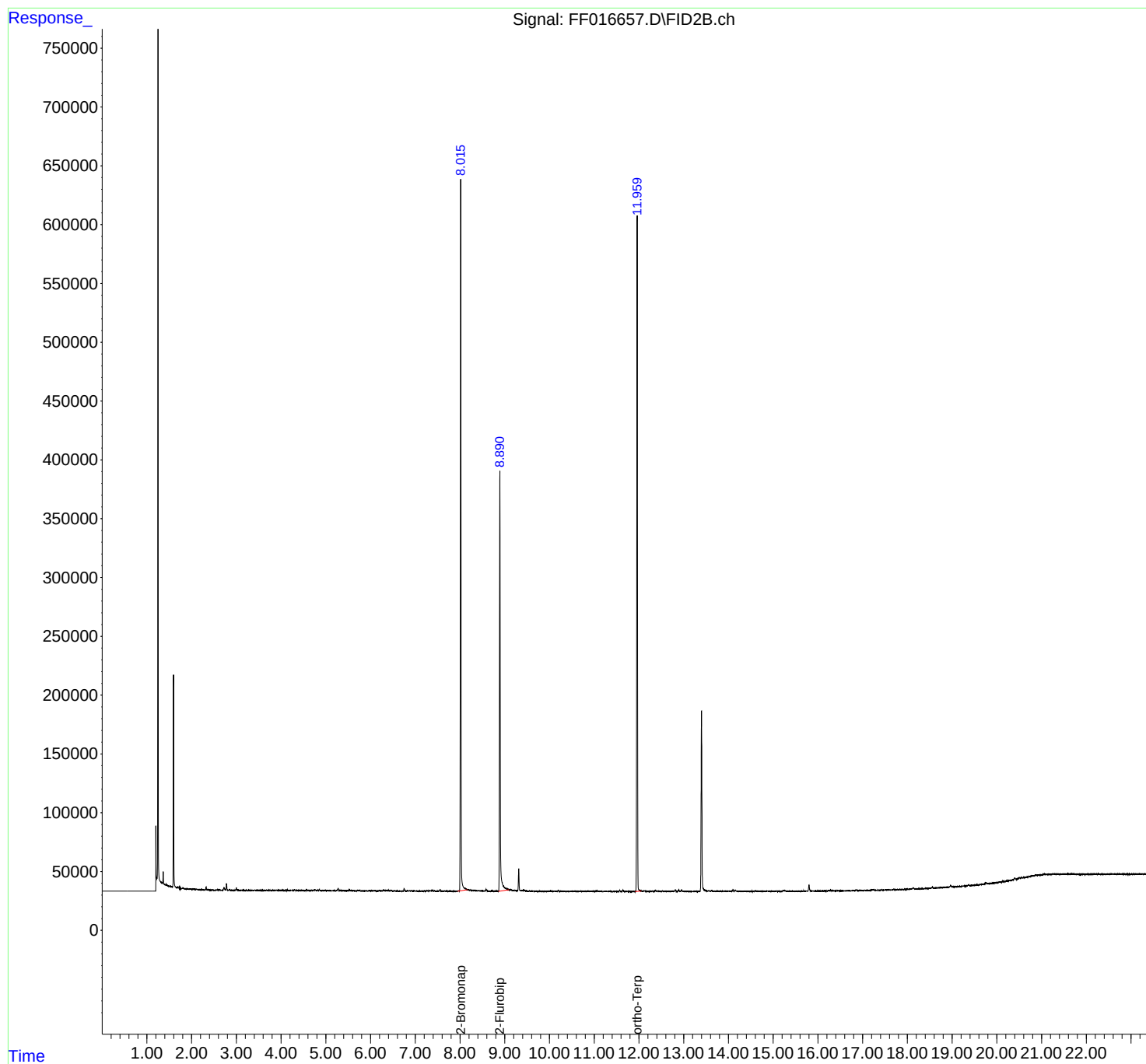
(m)=manual int.

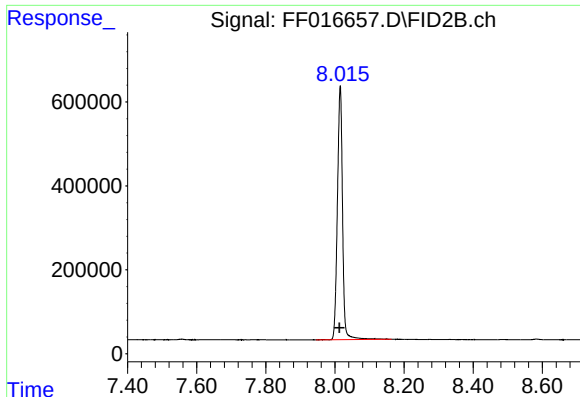
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016657.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 15:13
Operator : YP\AJ
Sample : PB170496BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170496BL

Integration File: autoint1.e
Quant Time: Nov 14 05:17:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

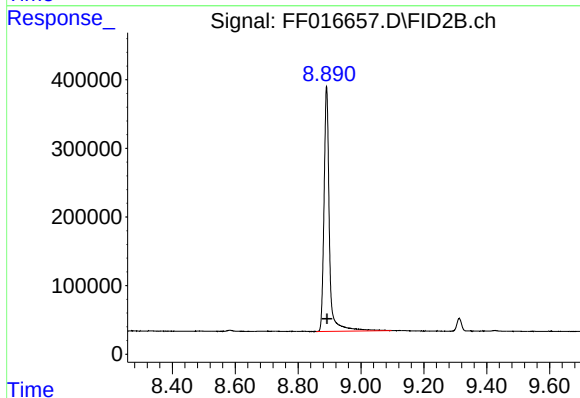




#4 2-Bromonaphthalene (SURRE)

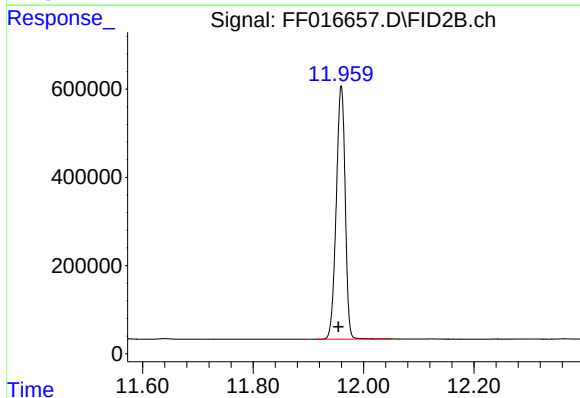
R.T.: 8.015 min
Delta R.T.: 0.002 min
Response: 6229895
Conc: 54.98 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170496BL



#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.891 min
Delta R.T.: -0.002 min
Response: 4204704
Conc: 58.95 ug/ml



#11 ortho-Terphenyl (SURRE)

R.T.: 11.960 min
Delta R.T.: 0.005 min
Response: 6453726
Conc: 43.95 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016657.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 15:13
Sample : PB170496BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	8.015	7.946	8.164	BB	608514	6229895	96.53%	36.889%
2	8.891	8.857	9.097	BB	356572	4204704	65.15%	24.897%
3	11.960	11.914	12.051	BB	575303	6453726	100.00%	38.214%
Sum of corrected areas:							16888324	

Aromatic EPH 102925.M Fri Nov 14 05:37:34 2025

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170496BS		SDG No.:	Q3584
Lab Sample ID:	PB170496BS		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 2000 uL	Test:	EPH
Prep Method :		Prep Date : 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	160		1	8.28	30.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	132		1	13.5	20.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	216		1	8.34	30.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	271		1	12.5	40.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	457		1	23.8	60.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aromatic C10-C12	Aromatic C10-C12	150		1	2.07	20.0	ug/l	FF016658.D	11/12/25 15:49	PB170496
Aromatic C12-C16	Aromatic C12-C16	245		1	4.26	30.0	ug/l	FF016658.D	11/12/25 15:49	PB170496
Aromatic C16-C21	Aromatic C16-C21	476		1	8.27	50.0	ug/l	FF016658.D	11/12/25 15:49	PB170496
Aromatic C21-C36	Aromatic C21-C36	835		1	23.8	80.0	ug/l	FF016658.D	11/12/25 15:49	PB170496
Total AliphaticEPH	Total AliphaticEPH	1240			66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	1710			38.4	180	ug/l			
Total EPH	Total EPH	2940			105	360	ug/l			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170496BS		SDG No.:	Q3584
Lab Sample ID:	PB170496BS		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	11/12/25	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	160	1		8.28	30.0	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	132	1		13.5	20.0	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	216	1		8.34	30.0	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	271	1		12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	457	1		23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.1			40 - 140	46%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170496BS	Acq On:	13 Nov 2025 06:28
Client Sample ID:	PB170496BS	Operator:	YP\AJ
Data file:	FE056803.D	Misc:	
Instrument:	FID_E	ALS Vial:	46
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.218	6.840	13760924	80.397	300	ug/ml
Aliphatic C12-C16	6.841	10.285	11846520	66.273	200	ug/ml
Aliphatic C16-C21	10.286	13.658	20176917	108.184	300	ug/ml
Aliphatic C21-C28	13.659	17.327	26125766	135.531	400	ug/ml
Aliphatic C28-C40	17.328	22.264	36407848	228.528	600	ug/ml
Aliphatic EPH	3.218	22.264	108317975	618.912		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.389	13.389	3725257	23.12		ug/ml
Aliphatic C9-C28	3.218	17.327	71910127	390.385	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056803.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 06:28
 Operator : YP\AJ
 Sample : PB170496BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170496BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
 Quant Time: Nov 14 00:26:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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...	13.389	3725257	23.121 ug/ml
Spiked Amount 50.000		Recovery =	46.24%
Target Compounds			
1) T n-Nonane (C9)	3.315	3795274	22.596 ug/ml
2) T n-Decane (C10)	4.566	4635444	27.014 ug/ml
4) T n-Dodecane (C12)	6.738	5330206	30.646 ug/ml
6) T n-Tetradecane (C14)	8.571	5684248	32.565 ug/ml
7) T n-Hexadecane (C16)	10.183	6162272	33.682 ug/ml
8) T n-Octadecane (C18)	11.630	6558937	34.654 ug/ml
10) T n-Eicosane (C20)	12.944	6815764	36.572 ug/ml
11) T n-Heneicosane (C21)	13.557	6802216	36.992 ug/ml
13) T n-Docosane (C22)	14.146	6774224	36.187 ug/ml
14) T n-Tetracosane (C24)	15.250	6643273	33.918 ug/ml
15) T n-Hexacosane (C26)	16.274	6430006	33.087 ug/ml
16) T n-Octacosane (C28)	17.226	6278263	32.419 ug/ml
17) T n-Tricontane (C30)	18.116	6066062	30.255 ug/ml
18) T n-Dotriacontane (C32)	18.950	6000656	30.514 ug/ml
19) T n-Tetratriacontane (C34)	19.735	5980839	34.649 ug/ml
20) T n-Hexatriacontane (C36)	20.476	5920174	40.926 ug/mlm
21) T n-Octatriacontane (C38)	21.226	6119197	48.619 ug/ml
22) T n-Tetracontane (C40)	22.163	6315870	54.629 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056803.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 06:28
Operator : YP\AJ
Sample : PB170496BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

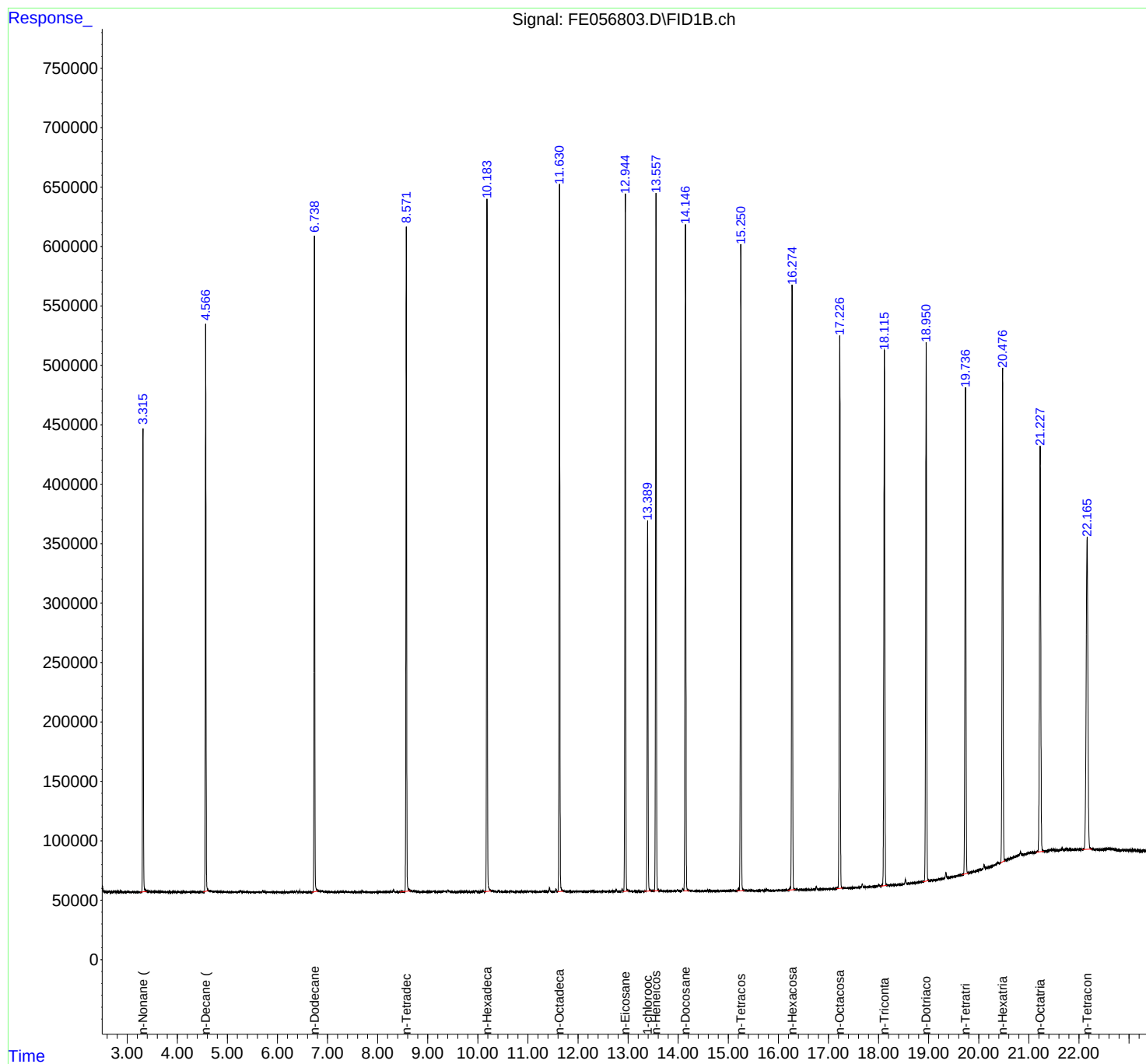
Instrument :
FID_E
ClientSampleId :
PB170496BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
Quant Time: Nov 14 00:26:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :

FID_E

ClientSampleId :

PB170496BS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE11122
Data File : FE056803.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 06:28
Sample : PB170496BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.315	3.257	3.392	BB	389860	3795274	55.68%	3.387%
2	4.566	4.512	4.620	BBA	474979	4635444	68.01%	4.137%
3	6.738	6.682	6.815	BB	553459	5330206	78.20%	4.757%
4	8.571	8.437	8.654	BB	558896	5684248	83.40%	5.073%
5	10.183	10.125	10.270	BB	582177	6162272	90.41%	5.500%
6	11.630	11.590	11.712	BB	592632	6558937	96.23%	5.854%
7	12.944	12.902	13.009	PB	582826	6815764	100.00%	6.083%
8	13.389	13.322	13.464	BB	311851	3725257	54.66%	3.325%
9	13.557	13.490	13.620	BB	586422	6802216	99.80%	6.071%
10	14.146	14.110	14.220	VB	558944	6774224	99.39%	6.046%
11	15.250	15.164	15.324	BB	541070	6643273	97.47%	5.929%
12	16.274	16.185	16.340	BB	509154	6430006	94.34%	5.739%
13	17.226	17.157	17.289	BB	465114	6278263	92.11%	5.603%
14	18.116	18.042	18.172	BB	450429	6066062	89.00%	5.414%
15	18.950	18.879	18.999	BB	453997	6000656	88.04%	5.356%
16	19.735	19.665	19.799	BB	407324	5980839	87.75%	5.338%
17	20.477	20.320	20.525	BB	414233	5925224	86.93%	5.288%
18	21.226	21.145	21.305	BB	342120	6119197	89.78%	5.461%
19	22.163	22.062	22.265	BB	261747	6315870	92.67%	5.637%
Sum of corrected areas:						112043231		

Aliphatic EPH 103025.M Fri Nov 14 00:48:18 2025

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170496BS		SDG No.:	Q3584
Lab Sample ID:	PB170496BS		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	11/12/25	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	150	1		2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	245	1		4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	476	1		8.27	50.0	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	835	1		23.8	80.0	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	52.0			40 - 140	104%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	55.9			40 - 140	112%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	40.8			40 - 140	82%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170496BS	Acq On:	12 Nov 2025 15:49
Client Sample ID:	PB170496BS	Operator:	YP\AJ
Data file:	FF016658.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	9959417	75.471	200	ug/ml
Aromatic C12-C16	6.385	9.088	16579390	122.659	300	ug/ml
Aromatic C16-C21	9.089	13.409	31847091	238.121	500	ug/ml
Aromatic C21-C36	13.410	18.874	49179238	417.956	800	ug/ml
Aromatic EPH	4.507	18.874	107565136	854.207		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	5888454	51.96		ug/ml
2-Fluorobiphenyl (SURR)	8.888	8.888	3984260	55.86		ug/ml
ortho-Terphenyl (SURR)	11.957	11.957	5984731	40.75		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016658.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 15:49
 Operator : YP\AJ
 Sample : PB170496BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170496BS

Integration File: autoint1.e
 Quant Time: Nov 21 03:56:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.011	5888454	51.962 ug/ml
Spiked Amount 50.000		Recovery =	103.92%
6) S 2-Fluorobiphenyl (SURR)	8.888	3984260	55.864 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.73%
11) S ortho-Terphenyl (SURR)	11.957	5984731	40.754 ug/ml
Spiked Amount 50.000		Recovery =	81.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.600	4752462	36.103 ug/ml
2) T Naphthalene (C11.7)	6.278	5206955	39.360 ug/ml
3) T 2-Methylnaphthalene (...)	7.380	4909913	36.935 ug/ml
5) T Acenaphthylene (C15.06)	8.687	5794196	42.887 ug/ml
7) T Acenaphthene (C15.5)	8.988	5875281	42.742 ug/ml
8) T Flouorene (C16.55)	9.778	6109006	46.924 ug/ml
9) T Phenanthrene (C19.36)	11.188	6300464	47.648 ug/ml
10) T Anthracene (C19.43)	11.264	6481717	47.833 ug/ml
12) T Fluoranthene (C21.85)	13.014	6509826	47.435 ug/ml
13) T Pyrene (C20.8)	13.314	6446078	47.036 ug/ml
14) T Benzo[a]anthracene (C...	15.201	6029806	52.944 ug/ml
15) T Chrysene (C27.41)	15.245	7171319	50.819 ug/ml
16) T benzo[b]fluoranthene ...	16.765	5924404	53.307 ug/ml
17) T Bnezo[k]fluoranthene ...	16.800	6047048	49.507 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.147	5756020	52.447 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.528	6008310	69.822 ug/ml
20) T Dibenz[a,h]anthracene...	18.565	6046437	45.913 ug/ml
21) T Benzo[g,h,i]perylene ...	18.786	6052150	57.111 ug/ml

(f)=RT Delta > 1/2 Window

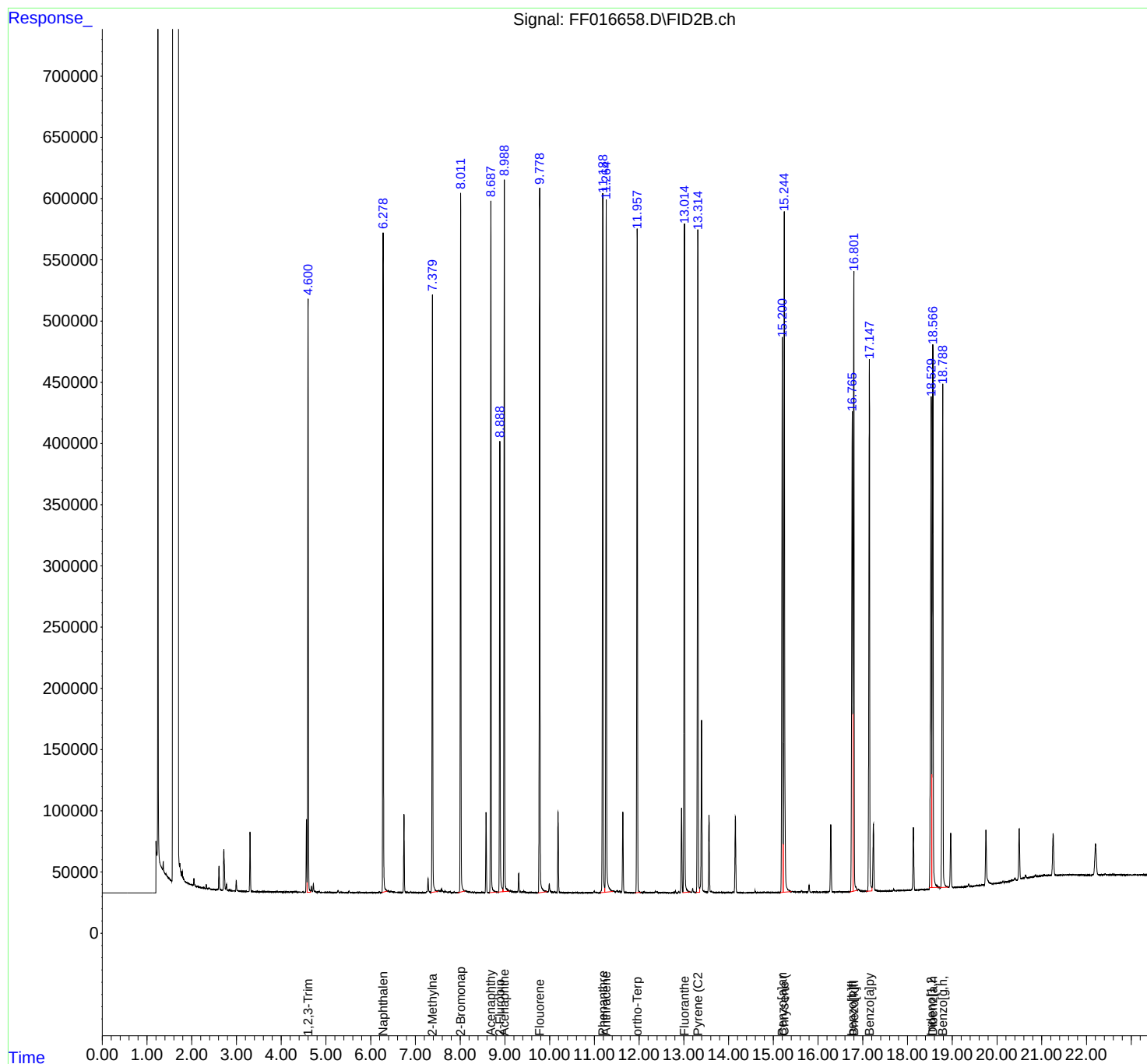
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016658.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 15:49
Operator : YP\AJ
Sample : PB170496BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170496BS

Integration File: autoint1.e
Quant Time: Nov 21 03:56:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 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_F\Data\FF111225AR\
Data File : FF016658.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 15:49
Sample : PB170496BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.600	4.579	4.656	VV	485306	4752462	66.27%	3.851%
2	6.278	6.247	6.374	BV	539429	5206955	72.61%	4.219%
3	7.380	7.342	7.502	PV	486217	4909913	68.47%	3.978%
4	8.011	7.944	8.114	BB	568996	5888454	82.11%	4.771%
5	8.687	8.652	8.804	BB	564432	5794196	80.80%	4.695%
6	8.888	8.830	8.957	BV	368691	3984260	55.56%	3.228%
7	8.988	8.957	9.104	VB	579626	5875281	81.93%	4.760%
8	9.778	9.742	9.939	BB	573760	6109006	85.19%	4.950%
9	11.188	11.132	11.232	BV	569581	6300464	87.86%	5.105%
10	11.264	11.232	11.420	VB	564720	6481717	90.38%	5.252%
11	11.957	11.912	12.035	BB	542637	5984731	83.45%	4.849%
12	13.014	12.978	13.135	VB	545735	6509826	90.78%	5.274%
13	13.314	13.272	13.353	BV	542003	6446078	89.89%	5.223%
14	15.201	15.150	15.220	BV	453535	6029806	84.08%	4.885%
15	15.245	15.220	15.407	VB	557988	7171319	100.00%	5.810%
16	16.765	16.705	16.781	BV	391506	5924404	82.61%	4.800%
17	16.800	16.781	16.887	VV	506629	6047048	84.32%	4.899%
18	17.147	17.072	17.206	BV	434893	5756020	80.26%	4.664%
19	18.528	18.480	18.543	BV	402938	6052831	84.40%	4.904%
20	18.565	18.543	18.730	VBA	443737	6132721	85.52%	4.969%
21	18.786	18.730	18.917	BB	402835	6065089	84.57%	4.914%
Sum of corrected areas:						123422580		

Aromatic EPH 102925.M Fri Nov 14 05:38:31 2025

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170496BSD		SDG No.:	Q3584
Lab Sample ID:	PB170496BSD		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 2000 uL	Test:	EPH
Prep Method :		Prep Date : 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	161		1	8.28	30.0	ug/l	FE056804.D	11/13/25 6:58	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	132		1	13.5	20.0	ug/l	FE056804.D	11/13/25 6:58	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	216		1	8.34	30.0	ug/l	FE056804.D	11/13/25 6:58	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	270		1	12.5	40.0	ug/l	FE056804.D	11/13/25 6:58	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	500		1	23.8	60.0	ug/l	FE056804.D	11/13/25 6:58	PB170496
Aromatic C10-C12	Aromatic C10-C12	147		1	2.07	20.0	ug/l	FF016659.D	11/12/25 16:26	PB170496
Aromatic C12-C16	Aromatic C12-C16	239		1	4.26	30.0	ug/l	FF016659.D	11/12/25 16:26	PB170496
Aromatic C16-C21	Aromatic C16-C21	468		1	8.27	50.0	ug/l	FF016659.D	11/12/25 16:26	PB170496
Aromatic C21-C36	Aromatic C21-C36	818		1	23.8	80.0	ug/l	FF016659.D	11/12/25 16:26	PB170496
Total AliphaticEPH	Total AliphaticEPH	1280			66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	1670			38.4	180	ug/l			
Total EPH	Total EPH	2950			105	360	ug/l			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170496BSD		SDG No.:	Q3584
Lab Sample ID:	PB170496BSD		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	11/12/25	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	161	1		8.28	30.0	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	132	1		13.5	20.0	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	216	1		8.34	30.0	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	270	1		12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	500	1		23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	22.4			40 - 140	45%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170496BSD	Acq On:	13 Nov 2025 06:58
Client Sample ID:	PB170496BSD	Operator:	YP\AJ
Data file:	FE056804.D	Misc:	
Instrument:	FID_E	ALS Vial:	47
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.218	6.840	13844674	80.886	300	ug/ml
Aliphatic C12-C16	6.841	10.285	11880552	66.463	200	ug/ml
Aliphatic C16-C21	10.286	13.658	20148830	108.033	300	ug/ml
Aliphatic C21-C28	13.659	17.327	26092970	135.361	400	ug/ml
Aliphatic C28-C40	17.328	22.264	39904849	250.478	600	ug/ml
Aliphatic EPH	3.218	22.264	111871875	641.222		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.389	13.389	3602185	22.36		ug/ml
Aliphatic C9-C28	3.218	17.327	71967026	390.743	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056804.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 06:58
 Operator : YP\AJ
 Sample : PB170496BSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170496BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
 Quant Time: Nov 14 00:27:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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...	13.389	3602185	22.358 ug/ml
Spiked Amount 50.000		Recovery =	44.72%
Target Compounds			
1) T n-Nonane (C9)	3.314	3815356	22.715 ug/ml
2) T n-Decane (C10)	4.566	4665007	27.186 ug/ml
4) T n-Dodecane (C12)	6.738	5364311	30.842 ug/ml
6) T n-Tetradecane (C14)	8.571	5707481	32.698 ug/ml
7) T n-Hexadecane (C16)	10.183	6173071	33.741 ug/ml
8) T n-Octadecane (C18)	11.630	6568829	34.706 ug/ml
10) T n-Eicosane (C20)	12.944	6805799	36.519 ug/ml
11) T n-Heneicosane (C21)	13.558	6774202	36.840 ug/ml
13) T n-Docosane (C22)	14.145	6741751	36.013 ug/ml
14) T n-Tetracosane (C24)	15.251	6598513	33.689 ug/ml
15) T n-Hexacosane (C26)	16.274	6405689	32.962 ug/ml
16) T n-Octacosane (C28)	17.226	6347017	32.774 ug/ml
17) T n-Tricontane (C30)	18.116	6431694	32.079 ug/ml
18) T n-Dotriacontane (C32)	18.951	6789467	34.526 ug/ml
19) T n-Tetratriacontane (C34)	19.736	6796369	39.374 ug/ml
20) T n-Hexatriacontane (C36)	20.477	6581823	45.500 ug/mlm
21) T n-Octatriacontane (C38)	21.228	6555152	52.082 ug/ml
22) T n-Tetracontane (C40)	22.163	6759867	58.469 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056804.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 06:58
Operator : YP\AJ
Sample : PB170496BSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

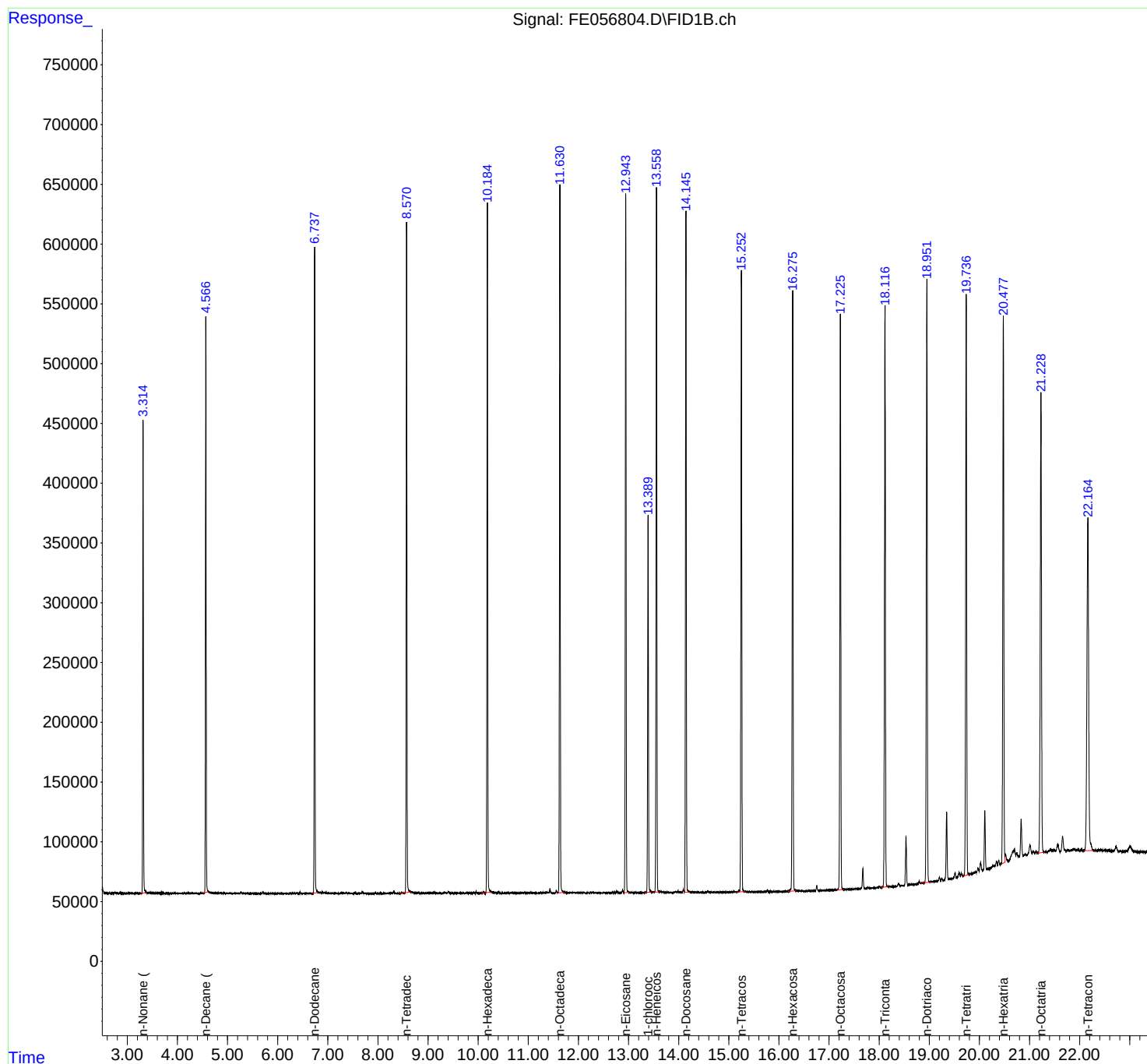
Instrument :
FID_E
ClientSampleId :
PB170496BSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
Quant Time: Nov 14 00:27:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :

FID_E

ClientSampleId :

PB170496BSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE11122
Data File : FE056804.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 06:58
Sample : PB170496BSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.314	3.260	3.387	BB	395177	3815356	56.06%	3.304%
2	4.566	4.507	4.619	BBA	481799	4665007	68.54%	4.040%
3	6.738	6.680	6.807	BB	541011	5364311	78.82%	4.645%
4	8.571	8.439	8.657	BB	558461	5707481	83.86%	4.943%
5	10.183	10.059	10.265	BB	576591	6173071	90.70%	5.346%
6	11.630	11.590	11.717	BB	594171	6568829	96.52%	5.689%
7	12.944	12.905	13.007	PB	584902	6805799	100.00%	5.894%
8	13.389	13.322	13.459	BB	315547	3602185	52.93%	3.119%
9	13.558	13.499	13.615	BB	584970	6774202	99.54%	5.866%
10	14.145	14.109	14.214	VB	568326	6741751	99.06%	5.838%
11	15.251	15.160	15.319	BB	517026	6598513	96.95%	5.714%
12	16.274	16.185	16.344	BB	497366	6405689	94.12%	5.547%
13	17.226	17.159	17.294	BB	480066	6347017	93.26%	5.496%
14	18.116	18.040	18.180	BB	487042	6431694	94.50%	5.570%
15	18.951	18.830	19.017	BB	498369	6789467	99.76%	5.880%
16	19.736	19.670	19.797	BB	484358	6796369	99.86%	5.886%
17	20.478	20.422	20.510	BV	456149	6572300	96.57%	5.692%
18	21.228	21.162	21.302	BB	385299	6555152	96.32%	5.677%
19	22.163	22.075	22.277	BB	277215	6759867	99.33%	5.854%

Sum of corrected areas: 115474061

Aliphatic EPH 103025.M Fri Nov 14 00:48:49 2025

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170496BSD		SDG No.:	Q3584
Lab Sample ID:	PB170496BSD		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	11/12/25	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	147	1		2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	239	1		4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	468	1		8.27	50.0	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	818	1		23.8	80.0	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	50.7			40 - 140	101%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	54.5			40 - 140	109%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.9			40 - 140	80%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170496BSD	Acq On:	12 Nov 2025 16:26
Client Sample ID:	PB170496BSD	Operator:	YP\AJ
Data file:	FF016659.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	9717982	73.641	200	ug/ml
Aromatic C12-C16	6.385	9.088	16184177	119.735	300	ug/ml
Aromatic C16-C21	9.089	13.409	31344452	234.363	500	ug/ml
Aromatic C21-C36	13.410	18.874	48161786	409.309	800	ug/ml
Aromatic EPH	4.507	18.874	105408397	837.048		ug/ml
ortho-Terphenyl (SURR)	11.955	11.955	5860648	39.91		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	5746409	50.71		ug/ml
2-Fluorobiphenyl (SURR)	8.887	8.887	3887130	54.5		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016659.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 16:26
 Operator : YP\AJ
 Sample : PB170496BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170496BSD

Integration File: autoint1.e
 Quant Time: Nov 14 05:18:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.010	5746409	50.709 ug/ml
Spiked Amount 50.000		Recovery =	101.42%
6) S 2-Fluorobiphenyl (SURR)	8.887	3887130	54.502 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.00%
11) S ortho-Terphenyl (SURR)	11.955	5860648	39.909 ug/ml
Spiked Amount 50.000		Recovery =	79.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.599	4636566	35.223 ug/ml
2) T Naphthalene (C11.7)	6.277	5081416	38.411 ug/ml
3) T 2-Methylnaphthalene (...)	7.379	4784604	35.992 ug/ml
5) T Acenaphthylene (C15.06)	8.686	5656457	41.867 ug/ml
7) T Acenaphthene (C15.5)	8.987	5743116	41.780 ug/ml
8) T Flouorene (C16.55)	9.777	5958264	45.766 ug/ml
9) T Phenanthrene (C19.36)	11.186	6182787	46.758 ug/ml
10) T Anthracene (C19.43)	11.263	6416108	47.348 ug/ml
12) T Fluoranthene (C21.85)	13.012	6425225	46.818 ug/ml
13) T Pyrene (C20.8)	13.311	6362068	46.423 ug/ml
14) T Benzo[a]anthracene (C...	15.199	5967029	52.392 ug/ml
15) T Chrysene (C27.41)	15.244	7099031	50.306 ug/ml
16) T benzo[b]fluoranthene ...	16.764	5793182	52.126 ug/ml
17) T Bnezo[k]fluoranthene ...	16.799	5955235	48.755 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.146	5626375	51.265 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.527	5883081	68.367 ug/ml
20) T Dibenz[a,h]anthracene...	18.564	5958476	45.245 ug/ml
21) T Benzo[g,h,i]perylene ...	18.785	5879377	55.480 ug/ml

(f)=RT Delta > 1/2 Window

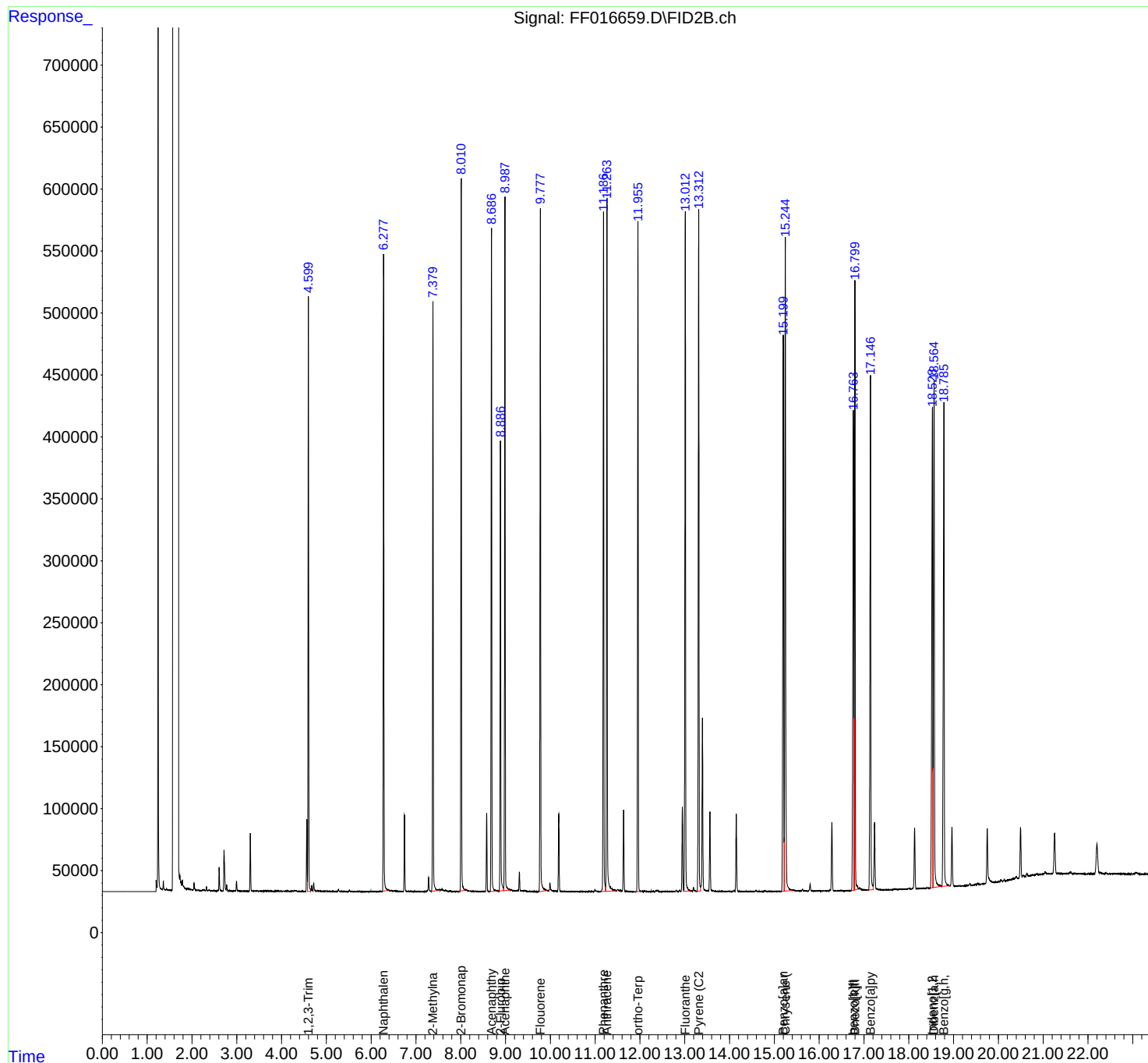
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016659.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 16:26
Operator : YP\AJ
Sample : PB170496BSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170496BSD

Integration File: autoint1.e
Quant Time: Nov 14 05:18:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 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_F\Data\FF111225AR\
Data File : FF016659.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 16:26
Sample : PB170496BSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.599	4.578	4.654	VV	479310	4636566	65.31%	3.835%
2	6.277	6.245	6.372	BV	513913	5081416	71.58%	4.203%
3	7.379	7.340	7.499	PB	475710	4784604	67.40%	3.957%
4	8.010	7.944	8.112	BB	576888	5746409	80.95%	4.753%
5	8.686	8.644	8.799	BB	533982	5656457	79.68%	4.679%
6	8.887	8.827	8.957	BV	363235	3887130	54.76%	3.215%
7	8.987	8.957	9.114	VB	561627	5743116	80.90%	4.750%
8	9.777	9.740	9.927	BB	551433	5958264	83.93%	4.928%
9	11.186	11.130	11.232	BV	550415	6182787	87.09%	5.114%
10	11.263	11.232	11.475	VB	557861	6416108	90.38%	5.307%
11	11.955	11.897	12.034	BB	540762	5860648	82.56%	4.847%
12	13.012	12.976	13.140	VB	549114	6425225	90.51%	5.314%
13	13.311	13.269	13.351	BV	553038	6362068	89.62%	5.262%
14	15.199	15.155	15.218	BV	449130	5967029	84.05%	4.935%
15	15.244	15.218	15.407	VB	527463	7099031	100.00%	5.872%
16	16.764	16.717	16.780	BV	386678	5793182	81.61%	4.792%
17	16.799	16.780	16.882	VV	492364	5955235	83.89%	4.926%
18	17.146	17.067	17.204	BV	415840	5626375	79.26%	4.654%
19	18.527	18.480	18.541	BV	386887	5883081	82.87%	4.866%
20	18.564	18.541	18.730	VBA	409088	5958476	83.93%	4.928%
21	18.785	18.730	18.915	BB	388128	5879377	82.82%	4.863%
Sum of corrected areas:						120902582		

Aromatic EPH 102925.M Fri Nov 14 05:39:23 2025

Manual Integration Report

Sequence:

FE103025AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3485-01	FE056583.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:28 PM	yogesh	10/31/2025 4:28:57	Peak Integrated by Software
Q3485-02	FE056584.D	1-chlorooctadecane (SURR)	rahul	10/31/2025 4:28:31 PM	yogesh	10/31/2025 4:28:58	Peak Integrated by Software
Q3485-02	FE056584.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:31 PM	yogesh	10/31/2025 4:28:58	Peak Integrated by Software
Q3490-01	FE056595.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:34 PM	yogesh	10/31/2025 4:29:00	Peak Integrated by Software

Manual Integration Report

Sequence:

FE111225AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3590-03	FE056764.D	ortho-Terphenyl (SURR)	rahul	11/13/2025 11:02:11 AM	yogesh	11/13/2025 1:21:10	Peak Integrated by Software
Q3593-08DL	FE056770.D	ortho-Terphenyl (SURR)	rahul	11/13/2025 11:02:16 AM	yogesh	11/13/2025 1:21:11	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056779.D	n-Tetracontane (C40)	rahul	11/13/2025 1:14:34 PM	yogesh	11/13/2025 1:21:14	Peak Integrated by Software
PB170496BS	FE056803.D	n-Hexatriacontane (C36)	rahul	11/14/2025 9:08:30 AM	Sohil	11/14/2025 4:12:25	Peak Integrated by Software
PB170496BSD	FE056804.D	n-Hexatriacontane (C36)	rahul	11/14/2025 9:08:34 AM	Sohil	11/14/2025 4:12:30	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056806.D	n-Octatriacontane (C38)	rahul	11/14/2025 9:08:39 AM	Sohil	11/14/2025 4:12:38	Peak Integrated by Software



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

Manual Integration Report

Sequence:

FF102925AR

Instrument

FID_f

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:

FF111225AR

Instrument

FID_f

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:

FG102925AL

Instrument

FID_g

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:

FG111325AL

Instrument

FID_g

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM
SubDirectory	FE103025AL	HP Acquire Method	HP Processing Method FE103025AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE056573.D	30 Oct 2025 09:19	YP\AJ	Ok
2	I.BLK	FE056574.D	30 Oct 2025 09:49	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE056575.D	30 Oct 2025 10:20	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE056576.D	30 Oct 2025 10:50	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE056577.D	30 Oct 2025 11:20	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE056578.D	30 Oct 2025 11:51	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE056579.D	30 Oct 2025 12:21	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE056580.D	30 Oct 2025 12:51	YP\AJ	Ok
9	I.BLK	FE056581.D	30 Oct 2025 13:21	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE056582.D	30 Oct 2025 13:52	YP\AJ	Ok
11	Q3485-01	FE056583.D	30 Oct 2025 14:52	YP\AJ	Ok,M
12	Q3485-02	FE056584.D	30 Oct 2025 15:23	YP\AJ	Ok,M
13	Q3486-01	FE056585.D	30 Oct 2025 15:53	YP\AJ	Ok
14	Q3486-02	FE056586.D	30 Oct 2025 16:25	YP\AJ	Ok
15	Q3486-03	FE056587.D	30 Oct 2025 16:56	YP\AJ	Dilution
16	Q3486-04	FE056588.D	30 Oct 2025 17:26	YP\AJ	Ok
17	Q3486-06	FE056589.D	30 Oct 2025 17:57	YP\AJ	Ok
18	Q3486-07	FE056590.D	30 Oct 2025 18:27	YP\AJ	ReRun
19	Q3486-08	FE056591.D	30 Oct 2025 18:58	YP\AJ	ReRun
20	Q3488-01	FE056592.D	30 Oct 2025 19:28	YP\AJ	Ok
21	Q3488-04	FE056593.D	30 Oct 2025 19:59	YP\AJ	Dilution

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM
SubDirectory	FE103025AL	HP Acquire Method	HP Processing Method FE103025AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

22	Q3488-06	FE056594.D	30 Oct 2025 20:29	YP\AJ	Dilution
23	Q3490-01	FE056595.D	30 Oct 2025 21:00	YP\AJ	Dilution
24	Q3488-02	FE056596.D	30 Oct 2025 21:30	YP\AJ	Dilution
25	I.BLK	FE056597.D	30 Oct 2025 23:01	YP\AJ	Ok
26	20 PPM ALIPHATIC HC STD	FE056598.D	30 Oct 2025 23:32	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM
SubDirectory	FE111225AL	HP Acquire Method	HP Processing Method FE103025AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE056761.D	12 Nov 2025 07:18	YP\AJ	Ok
2	I.BLK	FE056762.D	12 Nov 2025 07:48	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE056763.D	12 Nov 2025 08:18	YP\AJ	Ok
4	Q3590-03	FE056764.D	12 Nov 2025 08:48	YP\AJ	Dilution
5	Q3588-04DL	FE056765.D	12 Nov 2025 09:18	YP\AJ	Ok
6	Q3593-04DL	FE056766.D	12 Nov 2025 09:49	YP\AJ	Dilution
7	Q3593-04DL2	FE056767.D	12 Nov 2025 10:19	YP\AJ	Ok
8	Q3593-06DL	FE056768.D	12 Nov 2025 10:49	YP\AJ	Dilution
9	Q3593-06DL2	FE056769.D	12 Nov 2025 11:19	YP\AJ	Ok
10	Q3593-08DL	FE056770.D	12 Nov 2025 11:49	YP\AJ	Ok,M
11	Q3593-10DL	FE056771.D	12 Nov 2025 12:20	YP\AJ	Ok
12	Q3582-04DL	FE056772.D	12 Nov 2025 12:50	YP\AJ	Dilution
13	Q3582-04DL2	FE056773.D	12 Nov 2025 13:20	YP\AJ	Ok
14	Q3582-05DL	FE056774.D	12 Nov 2025 13:50	YP\AJ	Dilution
15	Q3582-05DL2	FE056775.D	12 Nov 2025 14:21	YP\AJ	Ok
16	Q3590-01DL	FE056776.D	12 Nov 2025 14:51	YP\AJ	Ok
17	Q3590-05DL	FE056777.D	12 Nov 2025 15:21	YP\AJ	Ok
18	I.BLK	FE056778.D	12 Nov 2025 16:22	YP\AJ	Ok
19	20 PPM ALIPHATIC HC STD	FE056779.D	12 Nov 2025 16:52	YP\AJ	Ok,M
20	Q3587-02	FE056780.D	12 Nov 2025 17:52	YP\AJ	Ok
21	Q3597-01	FE056781.D	12 Nov 2025 18:23	YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM
SubDirectory	FE111225AL	HP Acquire Method	HP Processing Method FE103025AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

22	Q3597-02	FE056782.D	12 Nov 2025 18:53	YPIAJ	Ok
23	Q3597-03	FE056783.D	12 Nov 2025 19:23	YPIAJ	Ok
24	Q3597-04	FE056784.D	12 Nov 2025 19:53	YPIAJ	Ok
25	Q3597-05	FE056785.D	12 Nov 2025 20:23	YPIAJ	Ok
26	Q3597-06	FE056786.D	12 Nov 2025 20:54	YPIAJ	Ok
27	Q3597-07	FE056787.D	12 Nov 2025 21:24	YPIAJ	Ok
28	Q3597-08	FE056788.D	12 Nov 2025 21:54	YPIAJ	Ok
29	Q3597-09	FE056789.D	12 Nov 2025 22:25	YPIAJ	Ok
30	Q3597-10	FE056790.D	12 Nov 2025 22:55	YPIAJ	Ok
31	Q3597-11	FE056791.D	12 Nov 2025 23:25	YPIAJ	Ok
32	Q3597-12	FE056792.D	12 Nov 2025 23:55	YPIAJ	Ok
33	Q3598-01	FE056793.D	13 Nov 2025 00:25	YPIAJ	Ok
34	Q3599-01	FE056794.D	13 Nov 2025 00:55	YPIAJ	Ok
35	Q3600-01	FE056795.D	13 Nov 2025 01:26	YPIAJ	ReRun
36	Q3600-02	FE056796.D	13 Nov 2025 01:56	YPIAJ	Ok
37	Q3584-01	FE056797.D	13 Nov 2025 02:26	YPIAJ	ReRun
38	Q3584-02	FE056798.D	13 Nov 2025 02:56	YPIAJ	ReRun
39	Q3584-03	FE056799.D	13 Nov 2025 03:27	YPIAJ	ReRun
40	I.BLK	FE056800.D	13 Nov 2025 04:27	YPIAJ	Ok
41	20 PPM ALIPHATIC HC STD	FE056801.D	13 Nov 2025 04:57	YPIAJ	Ok
42	PB170496BL	FE056802.D	13 Nov 2025 05:58	YPIAJ	Ok
43	PB170496BS	FE056803.D	13 Nov 2025 06:28	YPIAJ	Ok,M
44	PB170496BSD	FE056804.D	13 Nov 2025 06:58	YPIAJ	Ok,M

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM
SubDirectory	FE111225AL	HP Acquire Method	HP Processing Method FE103025AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

45	I.BLK	FE056805.D	13 Nov 2025 07:28	YP\AJ	Ok
46	20 PPM ALIPHATIC HC STD	FE056806.D	13 Nov 2025 07:58	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF102925AR

Review By	yogesh	Review On	10/29/2025 1:14:34 PM
Supervise By	Sohil	Supervise On	10/30/2025 4:01:10 PM
SubDirectory	FF102925AR	HP Acquire Method	HP Processing Method FF102925AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959		
CCC Internal Standard/PEM	PP24961		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24955,PP24960		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016609.D	29 Oct 2025 13:36	YP\AJ	Ok
2	I.BLK	FF016610.D	29 Oct 2025 14:05	YP\AJ	Ok
3	100 PPM AROMATIC HC STD1	FF016611.D	29 Oct 2025 14:35	YP\AJ	Not Ok
4	50 PPM AROMATIC HC STD2	FF016612.D	29 Oct 2025 15:04	YP\AJ	Ok
5	20 PPM AROMATIC HC STD3	FF016613.D	29 Oct 2025 15:34	YP\AJ	Ok
6	10 PPM AROMATIC HC STD4	FF016614.D	29 Oct 2025 16:03	YP\AJ	Ok
7	100 PPM AROMATIC HC STD1	FF016615.D	29 Oct 2025 17:02	YP\AJ	Ok
8	5 PPM AROMATIC HC STD5	FF016616.D	29 Oct 2025 18:07	YP\AJ	Ok
9	20 PPM AROMATIC HC STD ICV	FF016617.D	29 Oct 2025 19:06	YP\AJ	Ok
10	I.BLK	FF016618.D	29 Oct 2025 20:05	YP\AJ	Ok
11	20 PPM AROMATIC HC STD	FF016619.D	29 Oct 2025 20:34	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF111225AR

Review By	rahul	Review On	11/19/2025 2:39:14 PM
Supervise By	Sohil	Supervise On	11/19/2025 3:27:27 PM
SubDirectory	FF111225AR	HP Acquire Method	HP Processing Method FF102925AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959		
CCC Internal Standard/PEM	PP24961		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24955,PP24960		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016654.D	12 Nov 2025 07:47	YP\AJ	Ok
2	I.BLK	FF016655.D	12 Nov 2025 12:16	YP\AJ	Ok
3	20 PPM AROMATIC HC STD	FF016656.D	12 Nov 2025 13:15	YP\AJ	Ok
4	PB170496BL	FF016657.D	12 Nov 2025 15:13	YP\AJ	Ok
5	PB170496BS	FF016658.D	12 Nov 2025 15:49	YP\AJ	Ok
6	PB170496BSD	FF016659.D	12 Nov 2025 16:26	YP\AJ	Ok
7	Q3584-01	FF016660.D	12 Nov 2025 16:55	YP\AJ	Ok
8	Q3584-02	FF016661.D	12 Nov 2025 17:25	YP\AJ	Ok
9	Q3584-03	FF016662.D	12 Nov 2025 17:54	YP\AJ	Ok
10	I.BLK	FF016663.D	12 Nov 2025 18:53	YP\AJ	Ok
11	20 PPM AROMATIC HC STD	FF016664.D	12 Nov 2025 19:23	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG102925AL

Review By	yogesh	Review On	10/29/2025 1:10:18 PM
Supervise By	Sohil	Supervise On	10/30/2025 4:00:31 PM
SubDirectory	FG102925AL	HP Acquire Method	HP Processing Method FG102925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016845.D	29 Oct 2025 13:06	YP\AJ	Ok
2	I.BLK	FG016846.D	29 Oct 2025 13:36	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FG016847.D	29 Oct 2025 14:05	YP\AJ	Not Ok
4	50 PPM ALIPHATIC HC STD2	FG016848.D	29 Oct 2025 14:35	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FG016849.D	29 Oct 2025 15:04	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FG016850.D	29 Oct 2025 15:34	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FG016851.D	29 Oct 2025 16:03	YP\AJ	Ok
8	100 PPM ALIPHATIC HC STD1	FG016852.D	29 Oct 2025 16:33	YP\AJ	Ok
9	20 PPM ALIPHATIC HC STD ICV	FG016853.D	29 Oct 2025 17:32	YP\AJ	Ok
10	I.BLK	FG016854.D	29 Oct 2025 19:35	YP\AJ	Ok
11	20 PPM ALIPHATIC HC STD	FG016855.D	29 Oct 2025 20:05	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG111325AL

Review By	rahul	Review On	11/14/2025 12:58:56 PM
Supervise By	Sohil	Supervise On	11/14/2025 4:14:57 PM
SubDirectory	FG111325AL	HP Acquire Method	HP Processing Method FG102925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016901.D	13 Nov 2025 08:08	YP\AJ	Ok
2	I.BLK	FG016902.D	13 Nov 2025 08:37	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG016903.D	13 Nov 2025 09:06	YP\AJ	Ok
4	Q3601-09DL	FG016904.D	13 Nov 2025 10:22	YP\AJ	Not Ok
5	Q3601-10DL	FG016905.D	13 Nov 2025 10:58	YP\AJ	Not Ok
6	I.BLK	FG016906.D	13 Nov 2025 11:27	YP\AJ	Ok
7	20 PPM ALIPHATIC HC STD	FG016907.D	13 Nov 2025 11:57	YP\AJ	Ok
8	Q3584-01	FG016908.D	13 Nov 2025 12:38	YP\AJ	Ok
9	Q3584-02	FG016909.D	13 Nov 2025 13:08	YP\AJ	Ok
10	Q3584-03	FG016910.D	13 Nov 2025 13:37	YP\AJ	Ok
11	I.BLK	FG016911.D	13 Nov 2025 14:07	YP\AJ	Ok
12	20 PPM ALIPHATIC HC STD	FG016912.D	13 Nov 2025 14:36	YP\AJ	Ok
13	PB170529BL	FG016913.D	13 Nov 2025 15:05	YP\AJ	Ok
14	PB170529BS	FG016914.D	13 Nov 2025 15:35	YP\AJ	Ok
15	PB170529BSD	FG016915.D	13 Nov 2025 16:04	YP\AJ	Ok
16	Q3611-11	FG016916.D	13 Nov 2025 16:34	YP\AJ	Ok
17	Q3611-11D	FG016917.D	13 Nov 2025 17:03	YP\AJ	Ok
18	Q3611-11MS	FG016918.D	13 Nov 2025 17:33	YP\AJ	Ok
19	Q3611-11MSD	FG016919.D	13 Nov 2025 18:02	YP\AJ	Ok
20	Q3611-12	FG016920.D	13 Nov 2025 18:32	YP\AJ	Ok
21	I.BLK	FG016921.D	13 Nov 2025 19:31	YP\AJ	Ok

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG111325AL

Review By	rahul	Review On	11/14/2025 12:58:56 PM
Supervise By	Sohil	Supervise On	11/14/2025 4:14:57 PM
SubDirectory	FG111325AL	HP Acquire Method	HP Processing Method FG102925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

22	20 PPM ALIPHATIC HC STD	FG016922.D	13 Nov 2025 20:00	YP\AJ	Ok
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M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM
SubDirectory	FE103025AL	HP Acquire Method	HP Processing Method FE103025AL

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC Internal Standard/PEM	PP24771
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE056573.D	30 Oct 2025 09:19		YPIAJ	Ok
2	I.BLK	I.BLK	FE056574.D	30 Oct 2025 09:49		YPIAJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FE056575.D	30 Oct 2025 10:20		YPIAJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE056576.D	30 Oct 2025 10:50		YPIAJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056577.D	30 Oct 2025 11:20		YPIAJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE056578.D	30 Oct 2025 11:51		YPIAJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE056579.D	30 Oct 2025 12:21		YPIAJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056580.D	30 Oct 2025 12:51		YPIAJ	Ok
9	I.BLK	I.BLK	FE056581.D	30 Oct 2025 13:21		YPIAJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056582.D	30 Oct 2025 13:52		YPIAJ	Ok
11	Q3485-01	TR-04-102925	FE056583.D	30 Oct 2025 14:52		YPIAJ	Ok,M
12	Q3485-02	TR-04-102925-E2	FE056584.D	30 Oct 2025 15:23		YPIAJ	Ok,M
13	Q3486-01	TP3	FE056585.D	30 Oct 2025 15:53		YPIAJ	Ok
14	Q3486-02	TP3-E2	FE056586.D	30 Oct 2025 16:25		YPIAJ	Ok
15	Q3486-03	TP4	FE056587.D	30 Oct 2025 16:56	Need 5X,Surrogate fail	YPIAJ	Dilution
16	Q3486-04	TP4-E2	FE056588.D	30 Oct 2025 17:26		YPIAJ	Ok
17	Q3486-06	TP5-E2	FE056589.D	30 Oct 2025 17:57		YPIAJ	Ok
18	Q3486-07	TP6	FE056590.D	30 Oct 2025 18:27	Surrogate fail	YPIAJ	ReRun

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM
SubDirectory	FE103025AL	HP Acquire Method	HP Processing Method FE103025AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

19	Q3486-08	TP6-E2	FE056591.D	30 Oct 2025 18:58	Surrogate fail	YP\AJ	ReRun
20	Q3488-01	MOO-25-0294-0298	FE056592.D	30 Oct 2025 19:28		YP\AJ	Ok
21	Q3488-04	MOO-25-0302-0310	FE056593.D	30 Oct 2025 19:59	Need 500X	YP\AJ	Dilution
22	Q3488-06	MOO-25-0311-0313	FE056594.D	30 Oct 2025 20:29	Need further 20X	YP\AJ	Dilution
23	Q3490-01	LAW-25-0151	FE056595.D	30 Oct 2025 21:00	Need further 10X	YP\AJ	Dilution
24	Q3488-02	MOO-25-0299	FE056596.D	30 Oct 2025 21:30	Need further 20X	YP\AJ	Dilution
25	I.BLK	I.BLK	FE056597.D	30 Oct 2025 23:01		YP\AJ	Ok
26	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056598.D	30 Oct 2025 23:32		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM
SubDirectory	FE111225AL	HP Acquire Method	HP Processing Method FE103025AL

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC Internal Standard/PEM	PP24771
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE056761.D	12 Nov 2025 07:18		YP\AJ	Ok
2	I.BLK	I.BLK	FE056762.D	12 Nov 2025 07:48		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056763.D	12 Nov 2025 08:18		YP\AJ	Ok
4	Q3590-03	MOO-25-0317-0318-CQ	FE056764.D	12 Nov 2025 08:48		YP\AJ	Dilution
5	Q3588-04DL	TR-01-11072025-E2DL	FE056765.D	12 Nov 2025 09:18		YP\AJ	Ok
6	Q3593-04DL	A-LAW-25-0167-0175-CQ	FE056766.D	12 Nov 2025 09:49	Need more dilution	YP\AJ	Dilution
7	Q3593-04DL2	A-LAW-25-0167-0175-CQ	FE056767.D	12 Nov 2025 10:19		YP\AJ	Ok
8	Q3593-06DL	B-LAW-25-0167-0175-CQ	FE056768.D	12 Nov 2025 10:49	Need more dilution	YP\AJ	Dilution
9	Q3593-06DL2	B-LAW-25-0167-0175-CQ	FE056769.D	12 Nov 2025 11:19		YP\AJ	Ok
10	Q3593-08DL	C-LAW-25-0156-0166-CQ	FE056770.D	12 Nov 2025 11:49		YP\AJ	Ok,M
11	Q3593-10DL	D-LAW-25-0156-0166-CQ	FE056771.D	12 Nov 2025 12:20		YP\AJ	Ok
12	Q3582-04DL	RT4912DL	FE056772.D	12 Nov 2025 12:50	Need more dilution	YP\AJ	Dilution
13	Q3582-04DL2	RT4912DL2	FE056773.D	12 Nov 2025 13:20		YP\AJ	Ok
14	Q3582-05DL	RT4912-E2DL	FE056774.D	12 Nov 2025 13:50	Need more dilution	YP\AJ	Dilution
15	Q3582-05DL2	RT4912-E2DL2	FE056775.D	12 Nov 2025 14:21		YP\AJ	Ok
16	Q3590-01DL	MOO-25-0314-0316-CQ	FE056776.D	12 Nov 2025 14:51		YP\AJ	Ok
17	Q3590-05DL	MOO-25-0319DL	FE056777.D	12 Nov 2025 15:21		YP\AJ	Ok
18	I.BLK	I.BLK	FE056778.D	12 Nov 2025 16:22		YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM
SubDirectory	FE111225AL	HP Acquire Method	HP Processing Method
			FE103025AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056779.D	12 Nov 2025 16:52		YPIAJ	Ok,M
20	Q3587-02	NB-08-110725-E2	FE056780.D	12 Nov 2025 17:52		YPIAJ	Ok
21	Q3597-01	TP-1	FE056781.D	12 Nov 2025 18:23		YPIAJ	Ok
22	Q3597-02	TP-1-EPH-0-3	FE056782.D	12 Nov 2025 18:53		YPIAJ	Ok
23	Q3597-03	TP-1-EPH-3-6	FE056783.D	12 Nov 2025 19:23		YPIAJ	Ok
24	Q3597-04	TP-2	FE056784.D	12 Nov 2025 19:53		YPIAJ	Ok
25	Q3597-05	TP-2-EPH-0-3	FE056785.D	12 Nov 2025 20:23		YPIAJ	Ok
26	Q3597-06	TP-2-EPH-3-6	FE056786.D	12 Nov 2025 20:54		YPIAJ	Ok
27	Q3597-07	TP-3	FE056787.D	12 Nov 2025 21:24		YPIAJ	Ok
28	Q3597-08	TP-3-EPH-0-3	FE056788.D	12 Nov 2025 21:54		YPIAJ	Ok
29	Q3597-09	TP-3-EPH-3-6	FE056789.D	12 Nov 2025 22:25		YPIAJ	Ok
30	Q3597-10	TP-4	FE056790.D	12 Nov 2025 22:55		YPIAJ	Ok
31	Q3597-11	TP-4-EPH-0-3	FE056791.D	12 Nov 2025 23:25		YPIAJ	Ok
32	Q3597-12	TP-4-EPH-3-6	FE056792.D	12 Nov 2025 23:55		YPIAJ	Ok
33	Q3598-01	EO-CONCRETE	FE056793.D	13 Nov 2025 00:25		YPIAJ	Ok
34	Q3599-01	LIVINGSTON-SOIL	FE056794.D	13 Nov 2025 00:55		YPIAJ	Ok
35	Q3600-01	CENTRAL-ROW-CONC	FE056795.D	13 Nov 2025 01:26	surrogate fail low	YPIAJ	ReRun
36	Q3600-02	CENTRAL-ROW-CONC	FE056796.D	13 Nov 2025 01:56		YPIAJ	Ok
37	Q3584-01	Q3584-01	FE056797.D	13 Nov 2025 02:26	surrogate fail low	YPIAJ	ReRun

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM
SubDirectory	FE111225AL	HP Acquire Method	HP Processing Method FE103025AL
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			

38	Q3584-02	Q3584-02	FE056798.D	13 Nov 2025 02:56	surrogate fail low	YP\AJ	ReRun
39	Q3584-03	Q3584-03	FE056799.D	13 Nov 2025 03:27	surrogate fail low	YP\AJ	ReRun
40	I.BLK	I.BLK	FE056800.D	13 Nov 2025 04:27		YP\AJ	Ok
41	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056801.D	13 Nov 2025 04:57		YP\AJ	Ok
42	PB170496BL	PB170496BL	FE056802.D	13 Nov 2025 05:58		YP\AJ	Ok
43	PB170496BS	PB170496BS	FE056803.D	13 Nov 2025 06:28		YP\AJ	Ok,M
44	PB170496BSD	PB170496BSD	FE056804.D	13 Nov 2025 06:58		YP\AJ	Ok,M
45	I.BLK	I.BLK	FE056805.D	13 Nov 2025 07:28		YP\AJ	Ok
46	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056806.D	13 Nov 2025 07:58		YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF102925AR

Review By	yogesh	Review On	10/29/2025 1:14:34 PM
Supervise By	Sohil	Supervise On	10/30/2025 4:01:10 PM
SubDirectory	FF102925AR	HP Acquire Method	HP Processing Method FF102925AR

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959
CCC Internal Standard/PEM	PP24961
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24955,PP24960

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016609.D	29 Oct 2025 13:36		YP\AJ	Ok
2	I.BLK	I.BLK	FF016610.D	29 Oct 2025 14:05		YP\AJ	Ok
3	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FF016611.D	29 Oct 2025 14:35		YP\AJ	Not Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FF016612.D	29 Oct 2025 15:04		YP\AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016613.D	29 Oct 2025 15:34		YP\AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FF016614.D	29 Oct 2025 16:03		YP\AJ	Ok
7	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FF016615.D	29 Oct 2025 17:02		YP\AJ	Ok
8	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FF016616.D	29 Oct 2025 18:07		YP\AJ	Ok
9	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016617.D	29 Oct 2025 19:06		YP\AJ	Ok
10	I.BLK	I.BLK	FF016618.D	29 Oct 2025 20:05		YP\AJ	Ok
11	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016619.D	29 Oct 2025 20:34		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF111225AR

Review By	rahul	Review On	11/19/2025 2:39:14 PM
Supervise By	Sohil	Supervise On	11/19/2025 3:27:27 PM
SubDirectory	FF111225AR	HP Acquire Method	HP Processing Method FF102925AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959		
CCC	PP24961		
Internal Standard/PEM			
ICV/I.BLK	PP24955,PP24960		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016654.D	12 Nov 2025 07:47		YP\AJ	Ok
2	I.BLK	I.BLK	FF016655.D	12 Nov 2025 12:16		YP\AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016656.D	12 Nov 2025 13:15		YP\AJ	Ok
4	PB170496BL	PB170496BL	FF016657.D	12 Nov 2025 15:13		YP\AJ	Ok
5	PB170496BS	PB170496BS	FF016658.D	12 Nov 2025 15:49		YP\AJ	Ok
6	PB170496BSD	PB170496BSD	FF016659.D	12 Nov 2025 16:26		YP\AJ	Ok
7	Q3584-01	SW-1	FF016660.D	12 Nov 2025 16:55		YP\AJ	Ok
8	Q3584-02	SW-2	FF016661.D	12 Nov 2025 17:25		YP\AJ	Ok
9	Q3584-03	SW-3	FF016662.D	12 Nov 2025 17:54		YP\AJ	Ok
10	I.BLK	I.BLK	FF016663.D	12 Nov 2025 18:53		YP\AJ	Ok
11	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016664.D	12 Nov 2025 19:23		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG102925AL

Review By	yogesh	Review On	10/29/2025 1:10:18 PM
Supervise By	Sohil	Supervise On	10/30/2025 4:00:31 PM
SubDirectory	FG102925AL	HP Acquire Method	HP Processing Method FG102925AL
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	FG016845.D	29 Oct 2025 13:06		YP\AJ	Ok
2	I.BLK	I.BLK	FG016846.D	29 Oct 2025 13:36		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FG016847.D	29 Oct 2025 14:05		YP\AJ	Not Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FG016848.D	29 Oct 2025 14:35		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016849.D	29 Oct 2025 15:04		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FG016850.D	29 Oct 2025 15:34		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FG016851.D	29 Oct 2025 16:03		YP\AJ	Ok
8	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FG016852.D	29 Oct 2025 16:33		YP\AJ	Ok
9	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016853.D	29 Oct 2025 17:32		YP\AJ	Ok
10	I.BLK	I.BLK	FG016854.D	29 Oct 2025 19:35		YP\AJ	Ok
11	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016855.D	29 Oct 2025 20:05		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG111325AL

Review By	rahul	Review On	11/14/2025 12:58:56 PM
Supervise By	Sohil	Supervise On	11/14/2025 4:14:57 PM
SubDirectory	FG111325AL	HP Acquire Method	HP Processing Method FG102925AL
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	FG016901.D	13 Nov 2025 08:08		YP\AJ	Ok
2	I.BLK	I.BLK	FG016902.D	13 Nov 2025 08:37		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016903.D	13 Nov 2025 09:06		YP\AJ	Ok
4	Q3601-09DL	TP-3DL	FG016904.D	13 Nov 2025 10:22	not required	YP\AJ	Not Ok
5	Q3601-10DL	TP-3-EPHDL	FG016905.D	13 Nov 2025 10:58	not required	YP\AJ	Not Ok
6	I.BLK	I.BLK	FG016906.D	13 Nov 2025 11:27		YP\AJ	Ok
7	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016907.D	13 Nov 2025 11:57		YP\AJ	Ok
8	Q3584-01	SW-1	FG016908.D	13 Nov 2025 12:38		YP\AJ	Ok
9	Q3584-02	SW-2	FG016909.D	13 Nov 2025 13:08		YP\AJ	Ok
10	Q3584-03	SW-3	FG016910.D	13 Nov 2025 13:37		YP\AJ	Ok
11	I.BLK	I.BLK	FG016911.D	13 Nov 2025 14:07		YP\AJ	Ok
12	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016912.D	13 Nov 2025 14:36		YP\AJ	Ok
13	PB170529BL	PB170529BL	FG016913.D	13 Nov 2025 15:05		YP\AJ	Ok
14	PB170529BS	PB170529BS	FG016914.D	13 Nov 2025 15:35		YP\AJ	Ok
15	PB170529BSD	PB170529BSD	FG016915.D	13 Nov 2025 16:04		YP\AJ	Ok
16	Q3611-11	AU-713-11	FG016916.D	13 Nov 2025 16:34		YP\AJ	Ok
17	Q3611-11D	Q3611-11D	FG016917.D	13 Nov 2025 17:03		YP\AJ	Ok
18	Q3611-11MS	AU-713-11MS	FG016918.D	13 Nov 2025 17:33	FG016916.D	YP\AJ	Ok

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG111325AL

Review By	rahul	Review On	11/14/2025 12:58:56 PM
Supervise By	Sohil	Supervise On	11/14/2025 4:14:57 PM
SubDirectory	FG111325AL	HP Acquire Method	HP Processing Method FG102925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3611-11MSD	AU-713-11MSD	FG016919.D	13 Nov 2025 18:02	FG016916.D!FG016918.D	YP\AJ	Ok
20	Q3611-12	AU-713-12	FG016920.D	13 Nov 2025 18:32		YP\AJ	Ok
21	I.BLK	I.BLK	FG016921.D	13 Nov 2025 19:31		YP\AJ	Ok
22	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016922.D	13 Nov 2025 20:00		YP\AJ	Ok

M : Manual Integration

SOP ID: MNJDEP-EPH-8

Clean Up SOP #: N/A **Extraction Start Date :** 11/12/2025

Matrix : Water **Extraction Start Time :** 08:40

Weight By: N/A **Extraction By:** RS **Extraction End Date :** 11/12/2025

Balance check: N/A **Filter By:** RS **Extraction End Time :** 14:40

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3953 **Hood ID:** 4,6,7 **Supervisor By :** RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP25005
Surrogate	1.0ML	100 PPM	PP25012
Fractionation Surrogate	1.0ML	100 PPM	PP24994
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
Hexane	N/A	E3981
6N HCL	N/A	EP2635
EPH Cartridge	N/A	E3970
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1 **Envap ID:** NE VAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/12/25	RS (Ext-6b)	Y-P. POTHIRU.
14:45	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-8

Concentration Date: 11/12/2025

Sample ID	Client Sample ID	Test	g (ml)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170496BL	PB170496BL	EPH	1000	<2	RUPESH	ritesh	2			SEP-1
PB170496BS	PB170496BS	EPH	1000	<2	RUPESH	ritesh	2			2
PB170496BSD	PB170496BSD	EPH	1000	<2	RUPESH	ritesh	2			3
Q3584-01	SW-1	EPH	990	<2	RUPESH	ritesh	2	K		4
Q3584-02	SW-2	EPH	1000	<2	RUPESH	ritesh	2	K		5
Q3584-03	SW-3	EPH	1000	<2	RUPESH	ritesh	2	K		6

RS
11/12

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3584EPH WorkList ID : 193062 Department : Extraction Date : 11-12-2025 08:33:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3584-01	SW-1	Water	EPH	1:1 HCl to pH < 2	REMI02	D41	11/06/2025	NJEPH
Q3584-02	SW-2	Water	EPH	1:1 HCl to pH < 2	REMI02	D41	11/07/2025	NJEPH
Q3584-03	SW-3	Water	EPH	1:1 HCl to pH < 2	REMI02	D41	11/07/2025	NJEPH

Date/Time 11/12/25 8:35
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: CP

Date/Time 11/12/25 9:00
Raw Sample Received by: CP
Raw Sample Relinquished by: RS (Ext Lab)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Remington & Vemick Engineers

ADDRESS: 2059 Springdale Road

CITY: Cherry Hill STATE: NJ ZIP: 08003

ATTENTION: byle.canson@ne.com

PHONE: 609-682-3049 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Edison Landfill

PROJECT NO.: 1205T007 LOCATION: Edison, NJ

PROJECT MANAGER: Leslie Hartzell

e-mail: Leslie.Hartzell@ne.com

PHONE: 610-663-4145 FAX:

CLIENT BILLING INFORMATION

BILL TO: APinow@ne.com PO#: 1205T007

ADDRESS: 2059 Springdale Road

CITY: Cherry Hill STATE: NJ ZIP: 08003

ATTENTION: Leslie Hartzell PHONE: 610-663-4665

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*

HARDCOPY (DATA PACKAGE): STAT _____ DAYS*

EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data) ☐ Other

☒ EDD FORMAT: NJ HOTS+P

1. TOTAL+30
2. EPH
3. VOCs
4. Hexachloro
5. TALNEALS
6. CYANIDE
7. COD
8. TKN
9. OIL & GREASE

ALLIANCE
SAMPLE
ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE

SAMPLE
COLLECTION

COMP

GRAB

DATE

TIME

OF BOTTLES

E

A

A

F

B

D

C

C

C

C

C

C

COMMENTS

← Specify Preservatives

A-HCl

D-NaOH

B-HNO3

E-ICE

C-H2SO4

F-OTHER

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

RELINQUISHED BY SAMPLER:

1. Arina Narex

DATE/TIME:

11/17/25 (10:00)

RECEIVED BY:

1.

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP

Comments:

3.5 ± 0.5 °C

RELINQUISHED BY SAMPLER:

2.

DATE/TIME: 11-7-25

RECEIVED BY:

2.

IT

RELINQUISHED BY SAMPLER:

3.

DATE/TIME: 11-7-25

RECEIVED BY:

3.

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

Laboratory Certification

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3584	REMI02	Order Date : 11/7/2025 3:17:00 PM	Project Mgr : Yazmeen
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive DateTime : 11/7/2025 12:00:00 AM <i>dm</i>	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order : 1720	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff : 11/7/2025 4:43:47 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3584-01	SW-1	Water	11/06/2025	14:15	VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-02	SW-2	Water	11/07/2025	08:30	VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-03	SW-3	Water	11/07/2025	08:15	VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-04	EB-2	Water	11/06/2025	15:25	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3584-05	FB-2	Water	11/07/2025	08:55	VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-06	TB-3	Water	11/07/2025	08:00	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3584-07	SEEP-1	Water	11/07/2025	10:40	VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3584	REMI02	Order Date : 11/7/2025 3:17:00 PM	Project Mgr : Yazmeen
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive DateTime : 11/7/2025 12:00:00 AM <i>17:20</i>	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order :	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff : 11/7/2025 4:43:47 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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*Stored in VOA
Ref # 04*

Relinquished By :

Date / Time : *11/10/25 10:35*

Received By :

Date / Time : *11/10/25 10:35*

Storage Area : VOA Refridgerator Room