

Initial Calibration Report for SequenceID : FC080125AL

AreaCount

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

AVG Response Factor

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

Concentration

Parameter Range	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069558.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 11:01
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 01 13:16:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:14:26 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)	11.682	14253274	96.812 ug/ml
Spiked Amount 50.000		Recovery =	193.62%
12) S 1-chlorooctadecane (S...	13.114	10515548	97.189 ug/ml
Spiked Amount 50.000		Recovery =	194.38%
Target Compounds			
1) T n-Nonane (C9)	3.407	13774723	96.965 ug/ml
2) T n-Decane (C10)	4.480	14093050	96.720 ug/ml
3) T A~Naphthalene (C11.7)	6.077	15000524	96.766 ug/ml
4) T n-Dodecane (C12)	6.506	14200875	96.793 ug/ml
5) T A~2-methylnaphthalene...	7.138	14366902	97.187 ug/ml
6) T n-Tetradecane (C14)	8.306	13912392	96.899 ug/ml
7) T n-Hexadecane (C16)	9.911	13931135	96.610 ug/ml
8) T n-Octadecane (C18)	11.358	13539702	96.568 ug/ml
10) T n-Eicosane (C20)	12.667	12534426	96.547 ug/ml
11) T n-Heneicosane (C21)	13.281	12140156	96.669 ug/ml
13) T n-Docosane (C22)	13.868	11884209	96.620 ug/ml
14) T n-Tetracosane (C24)	14.973	11473067	96.721 ug/ml
15) T n-Hexacosane (C26)	15.994	10972164	96.635 ug/ml
16) T n-Octacosane (C28)	16.945	10491091	96.074 ug/ml
17) T n-Tricontane (C30)	17.836	10399552	94.945 ug/ml
18) T n-Dotriacontane (C32)	18.669	9912896	94.027 ug/ml
19) T n-Tetratriacontane (C34)	19.454	9172293	94.283 ug/ml
20) T n-Hexatriacontane (C36)	20.195	8138973	94.805 ug/ml
21) T n-Octatriacontane (C38)	20.962	7522009	95.506 ug/ml
22) T n-Tetracontane (C40)	21.931	7136968	95.899 ug/ml

(f)=RT Delta > 1/2 Window

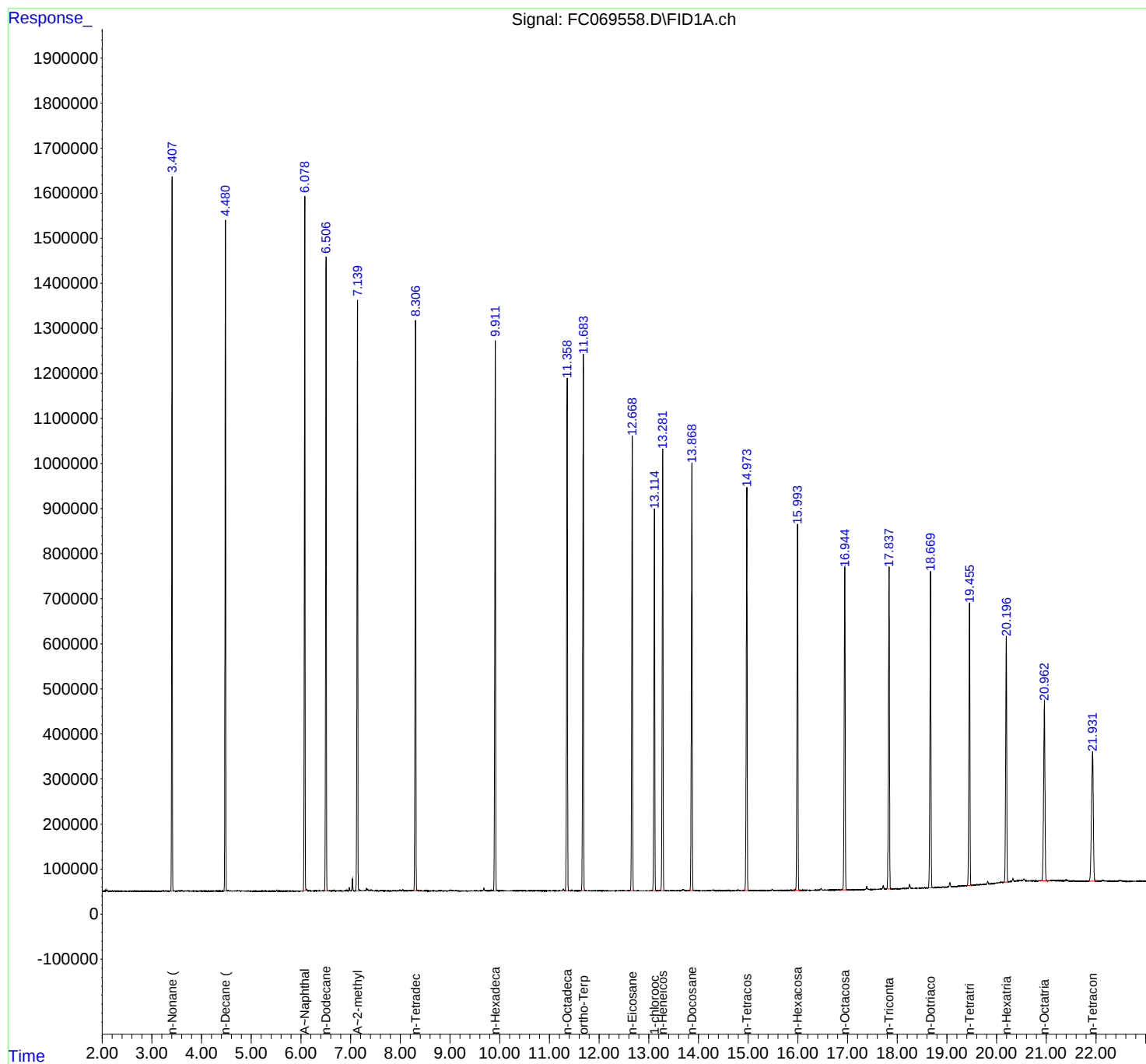
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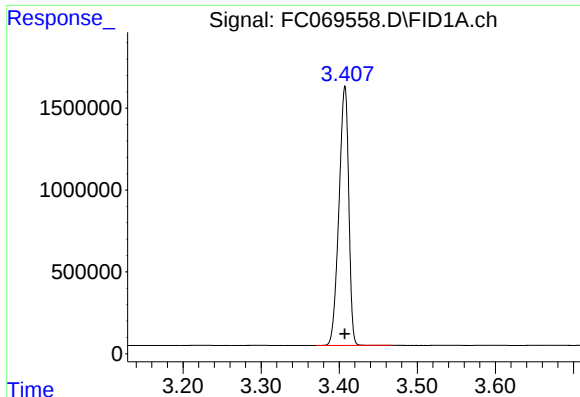
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069558.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 11:01
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Aug 01 13:16:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

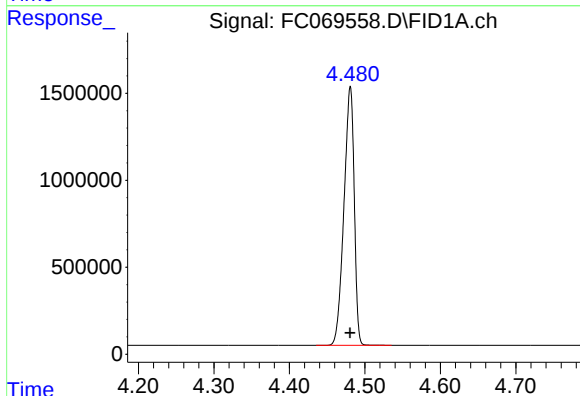




#1 n-Nonane (C9)

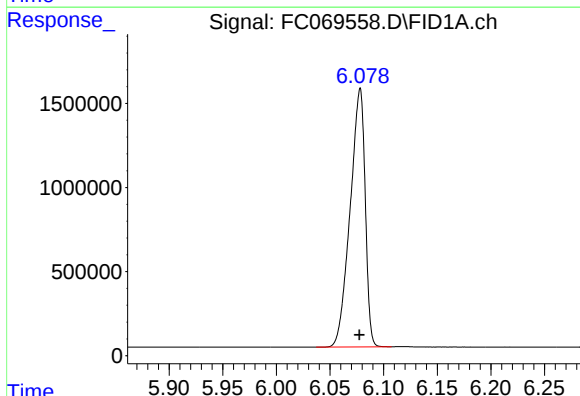
R.T.: 3.407 min
Delta R.T.: 0.000 min
Response: 13774723
Conc: 96.97 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



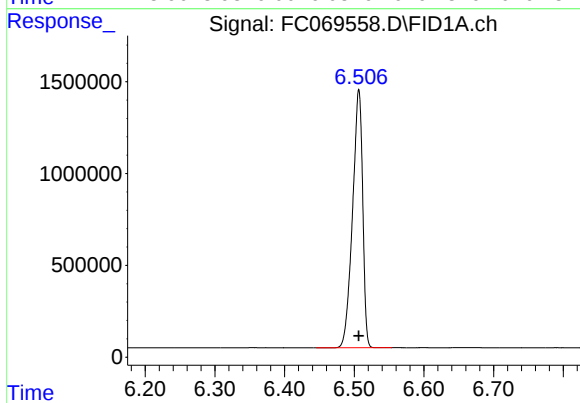
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 14093050
Conc: 96.72 ug/ml



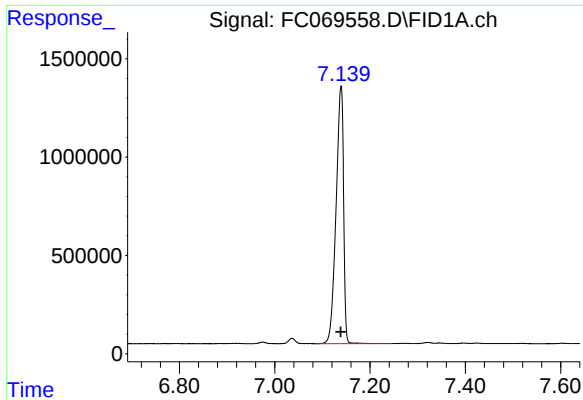
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 15000524
Conc: 96.77 ug/ml



#4 n-Dodecane (C12)

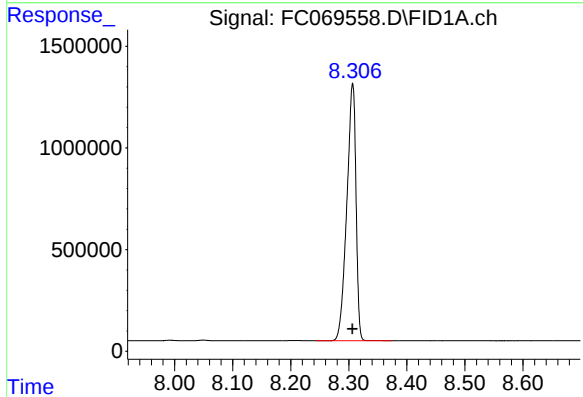
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 14200875
Conc: 96.79 ug/ml



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

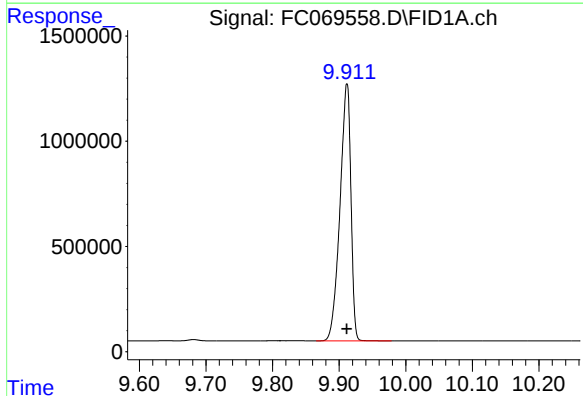
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 14366902
Conc: 97.19 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



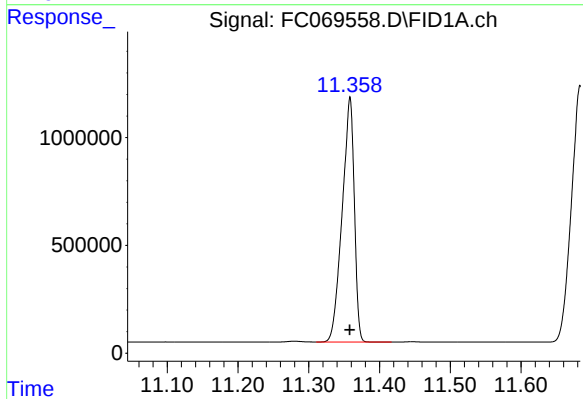
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 13912392
Conc: 96.90 ug/ml



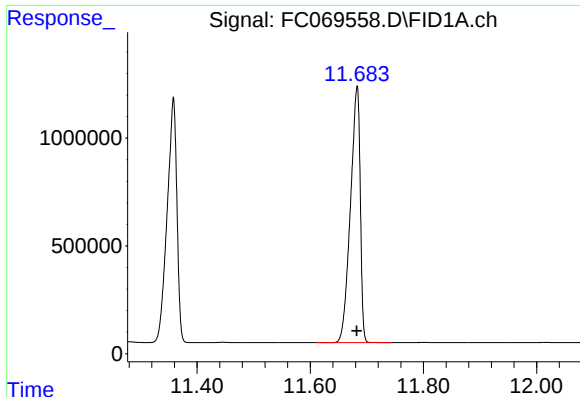
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 13931135
Conc: 96.61 ug/ml



#8 n-Octadecane (C18)

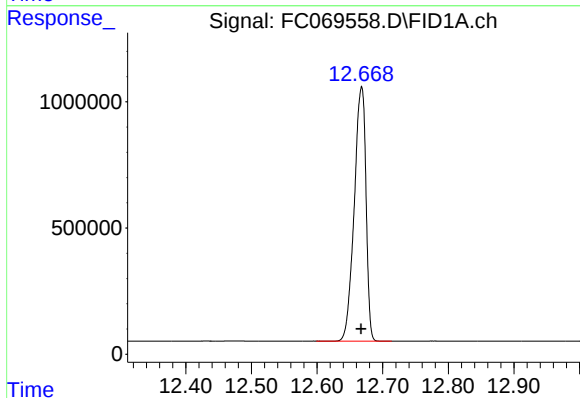
R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 13539702
Conc: 96.57 ug/ml



#9 ortho-Terphenyl (SURR)

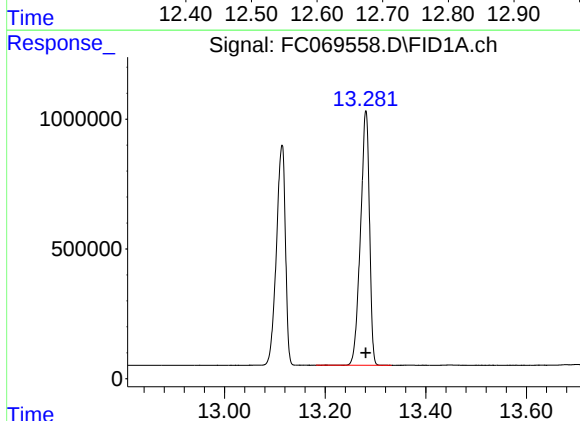
R.T.: 11.682 min
Delta R.T.: 0.000 min
Response: 14253274
Conc: 96.81 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



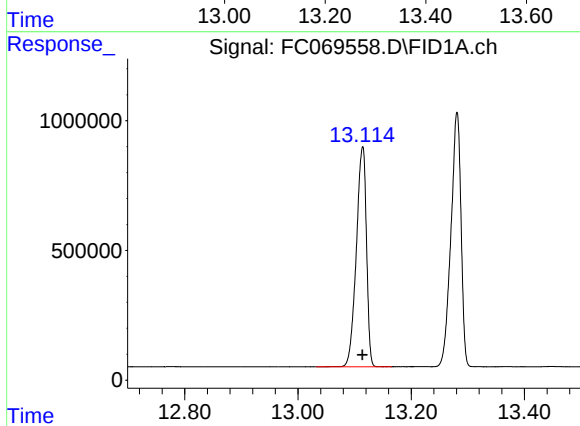
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: 0.000 min
Response: 12534426
Conc: 96.55 ug/ml



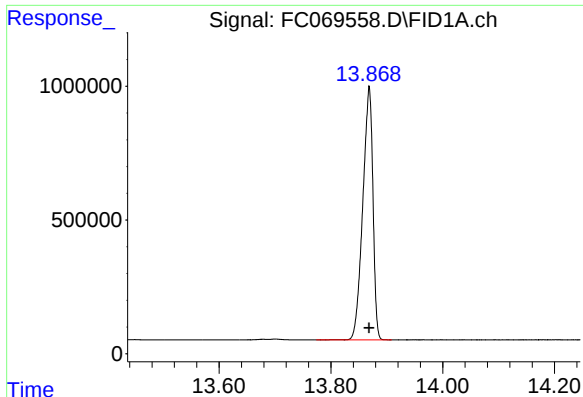
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: 0.000 min
Response: 12140156
Conc: 96.67 ug/ml



#12 1-chlorooctadecane (SURR)

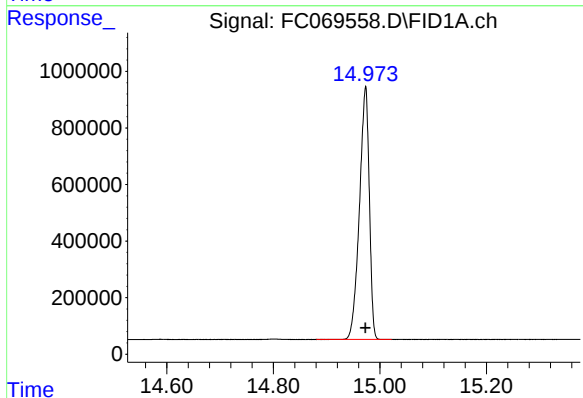
R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 10515548
Conc: 97.19 ug/ml



#13 n-Docosane (C22)

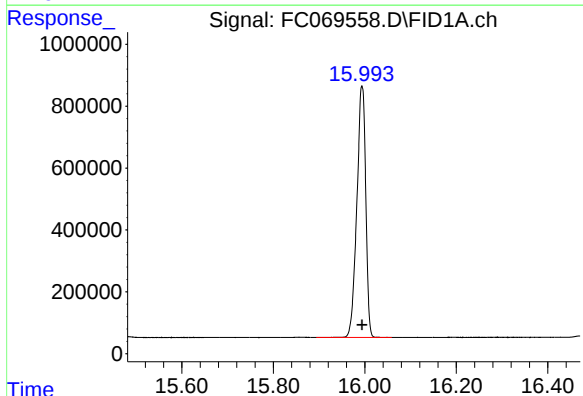
R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 11884209
Conc: 96.62 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



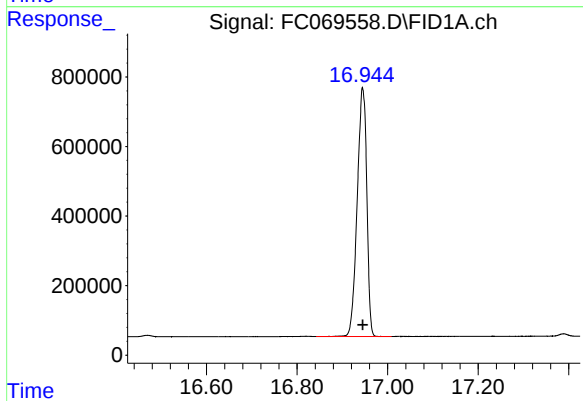
#14 n-Tetracosane (C24)

R.T.: 14.973 min
Delta R.T.: 0.000 min
Response: 11473067
Conc: 96.72 ug/ml



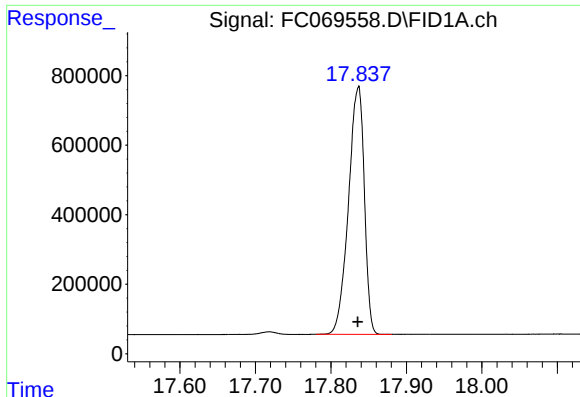
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: 0.000 min
Response: 10972164
Conc: 96.63 ug/ml



#16 n-Octacosane (C28)

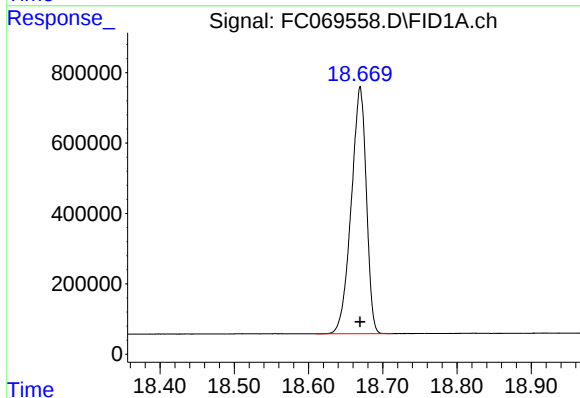
R.T.: 16.945 min
Delta R.T.: 0.000 min
Response: 10491091
Conc: 96.07 ug/ml



#17 n-Tricontane (C30)

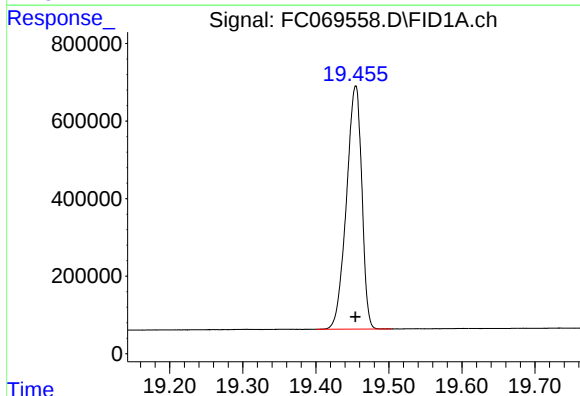
R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 10399552
Conc: 94.94 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



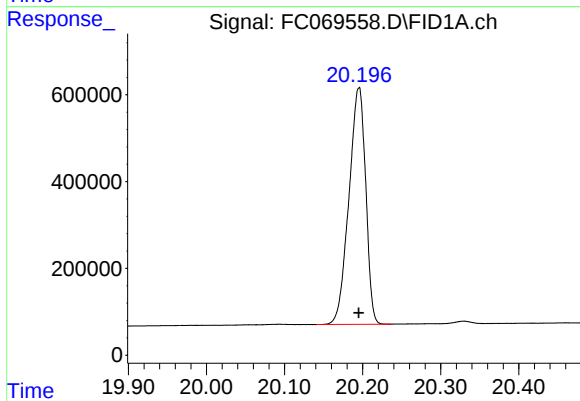
#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: 0.000 min
Response: 9912896
Conc: 94.03 ug/ml



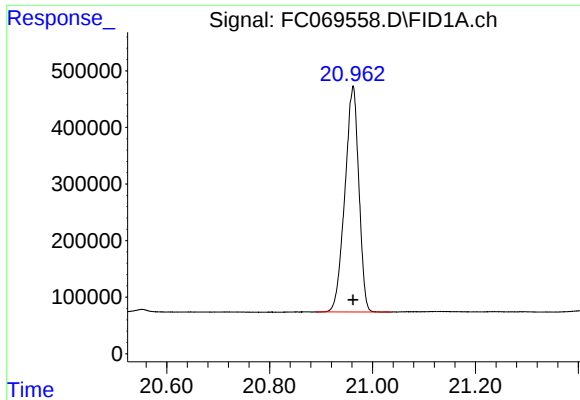
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: 0.000 min
Response: 9172293
Conc: 94.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.195 min
Delta R.T.: 0.000 min
Response: 8138973
Conc: 94.80 ug/ml



#21 n-Octatriacontane (C38)

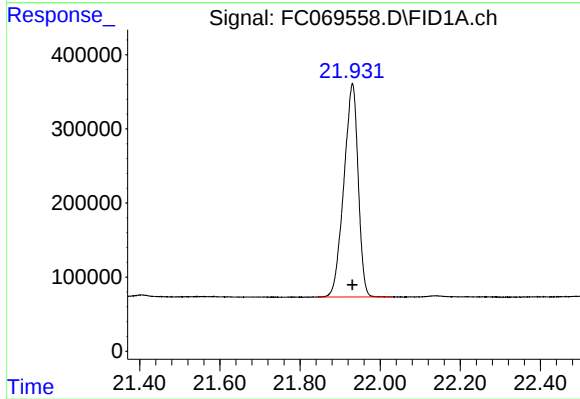
R.T.: 20.962 min
Delta R.T.: 0.000 min
Response: 7522009
Conc: 95.51 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.931 min
Delta R.T.: 0.000 min
Response: 7136968
Conc: 95.90 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069558.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 11:01
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.407	3.370	3.467	BB	1587444	13774723	91.83%	5.311%
2	4.480	4.435	4.535	BB	1491680	14093050	93.95%	5.434%
3	6.077	6.037	6.107	BV	1521287	15000524	100.00%	5.784%
4	6.506	6.445	6.554	BB	1414300	14200875	94.67%	5.475%
5	7.138	7.087	7.245	BB	1309498	14366902	95.78%	5.539%
6	8.306	8.244	8.374	BB	1270779	13912392	92.75%	5.364%
7	9.911	9.865	9.979	BB	1227725	13931135	92.87%	5.371%
8	11.358	11.310	11.417	BB	1144490	13539702	90.26%	5.220%
9	11.682	11.610	11.744	BB	1181092	14253274	95.02%	5.495%
10	12.667	12.599	12.714	BB	1005716	12534426	83.56%	4.833%
11	13.114	13.032	13.165	BB	847551	10515548	70.10%	4.054%
12	13.281	13.182	13.332	BB	980354	12140156	80.93%	4.681%
13	13.868	13.774	13.909	BB	952859	11884209	79.23%	4.582%
14	14.973	14.880	15.022	BB	889036	11473067	76.48%	4.424%
15	15.994	15.894	16.059	BB	812438	10972164	73.15%	4.230%
16	16.945	16.842	17.009	BB	711087	10491091	69.94%	4.045%
17	17.836	17.780	17.880	BB	708633	10399552	69.33%	4.010%
18	18.669	18.610	18.712	BB	700961	9912896	66.08%	3.822%
19	19.454	19.400	19.504	BB	626705	9172293	61.15%	3.536%
20	20.195	20.140	20.237	BV	545514	8138973	54.26%	3.138%
21	20.962	20.890	21.037	BV	399679	7522009	50.14%	2.900%
22	21.931	21.840	22.029	BB	288157	7136968	47.58%	2.752%
Sum of corrected areas:						259365928		

Aliphatic EPH 080125.M Fri Aug 01 15:08:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069559.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 11:43
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 01 13:17:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
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Spiked Amount 50.000		Recovery =	95.22%
Target Compounds			
1) T n-Nonane (C9)	3.402	6460632	46.892 ug/ml
2) T n-Decane (C10)	4.476	6602241	46.773 ug/ml
3) T A~Naphthalene (C11.7)	6.072	7117131	47.198 ug/ml
4) T n-Dodecane (C12)	6.501	6628143	46.678 ug/ml
5) T A~2-methylnaphthalene...	7.132	6792629	47.225 ug/ml
6) T n-Tetradecane (C14)	8.301	6486829	46.680 ug/ml
7) T n-Hexadecane (C16)	9.906	6527978	46.744 ug/ml
8) T n-Octadecane (C18)	11.351	6407218	47.047 ug/ml
10) T n-Eicosane (C20)	12.662	5985413	47.333 ug/ml
11) T n-Heneicosane (C21)	13.275	5808893	47.439 ug/ml
13) T n-Docosane (C22)	13.862	5705652	47.532 ug/ml
14) T n-Tetracosane (C24)	14.967	5527058	47.677 ug/ml
15) T n-Hexacosane (C26)	15.990	5299336	47.731 ug/ml
16) T n-Octacosane (C28)	16.941	5093903	47.715 ug/ml
17) T n-Tricontane (C30)	17.830	5089600	47.587 ug/ml
18) T n-Dotriacontane (C32)	18.663	4885889	47.502 ug/ml
19) T n-Tetratriacontane (C34)	19.449	4493512	47.393 ug/ml
20) T n-Hexatriacontane (C36)	20.189	3952844	47.291 ug/ml
21) T n-Octatriacontane (C38)	20.953	3637053	47.386 ug/ml
22) T n-Tetracontane (C40)	21.922	3462128	47.625 ug/ml

(f)=RT Delta > 1/2 Window

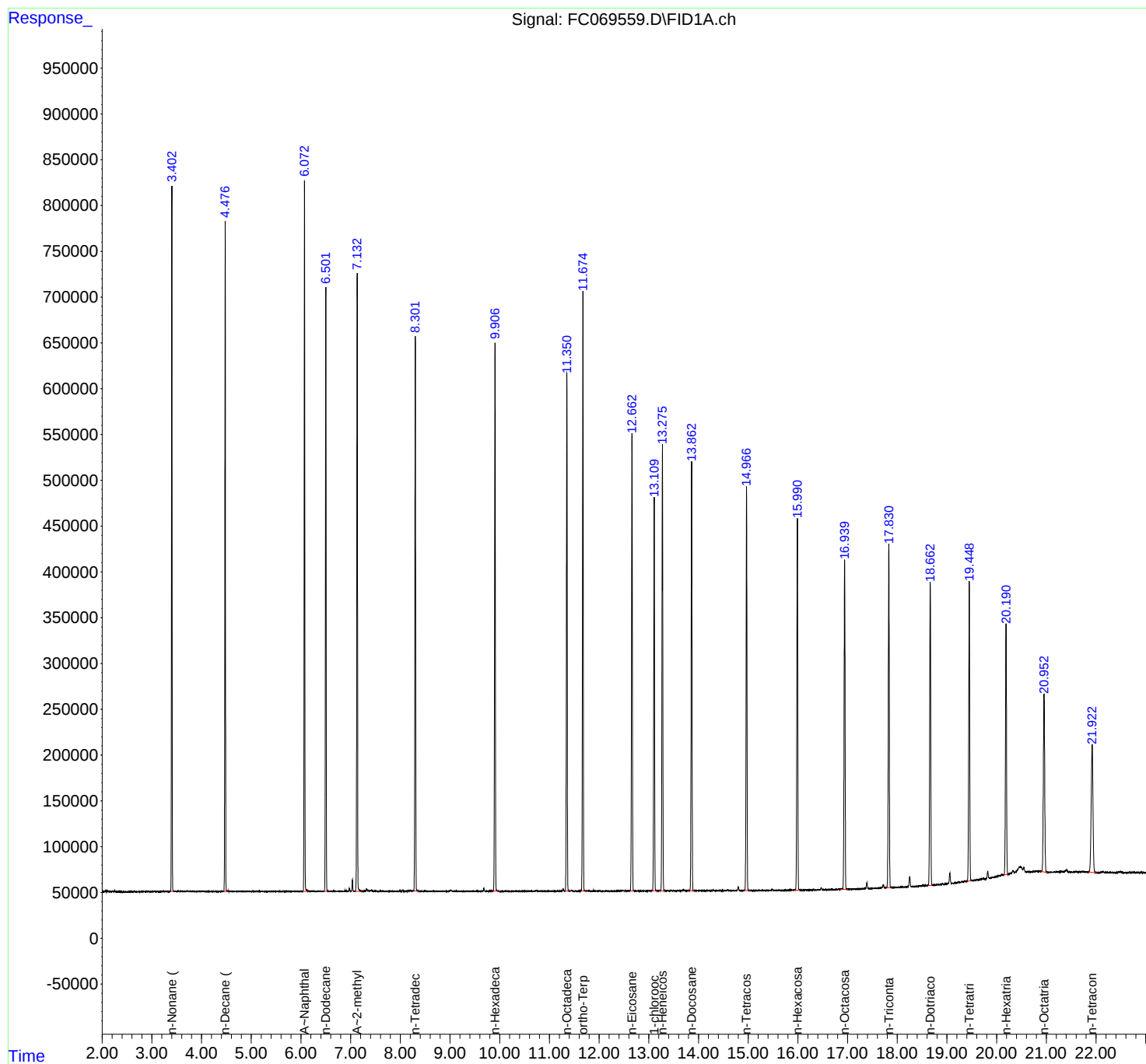
(m)=manual int.

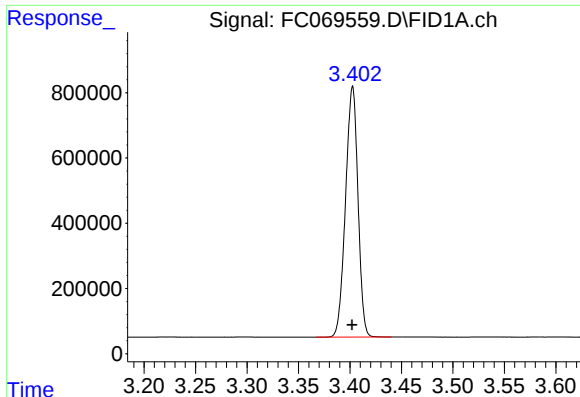
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069559.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 11:43
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Aug 01 13:17:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

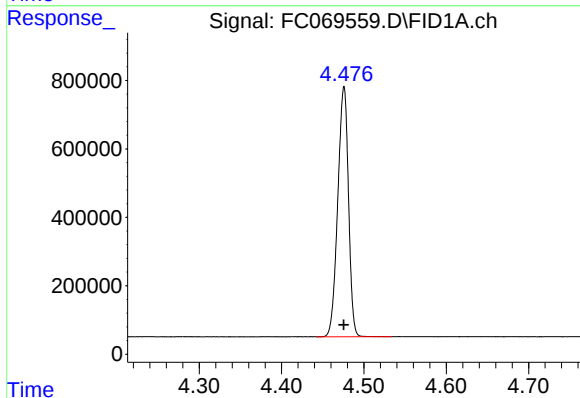




#1 n-Nonane (C9)

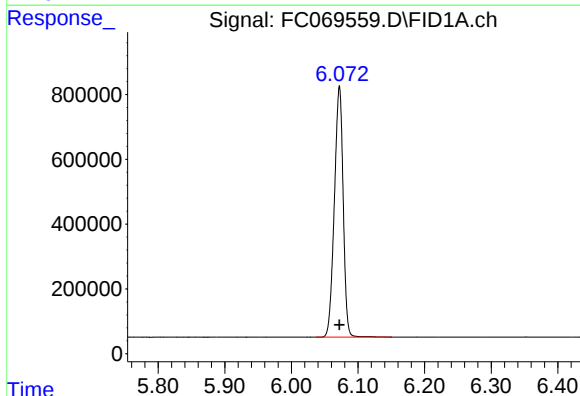
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 6460632
Conc: 46.89 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



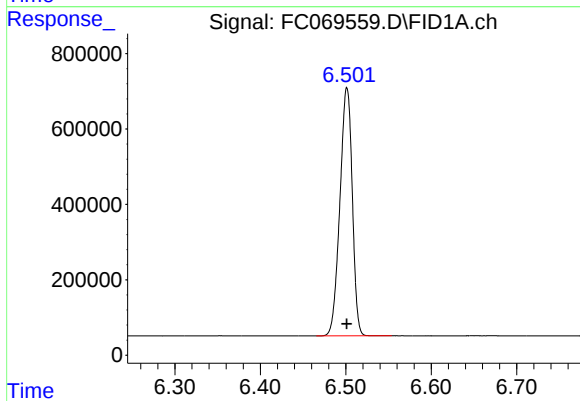
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 6602241
Conc: 46.77 ug/ml



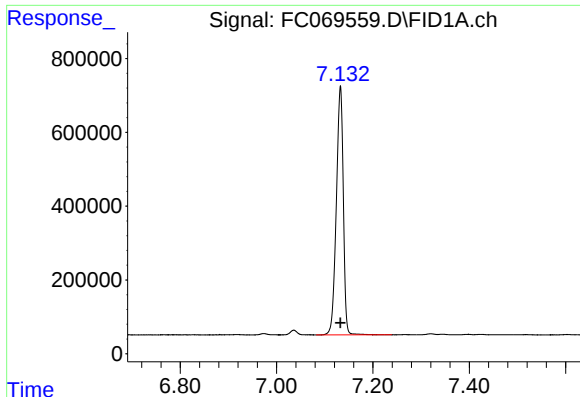
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 7117131
Conc: 47.20 ug/ml



#4 n-Dodecane (C12)

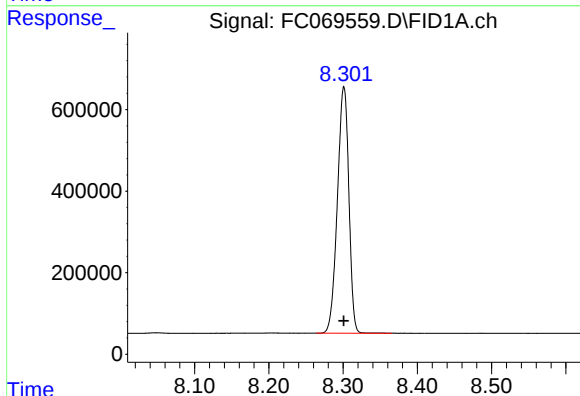
R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 6628143
Conc: 46.68 ug/ml



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

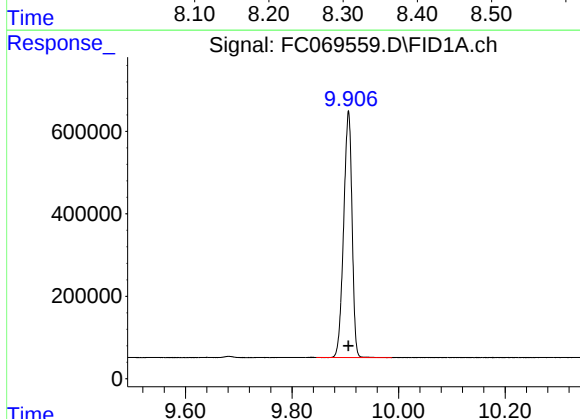
R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 6792629
Conc: 47.22 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



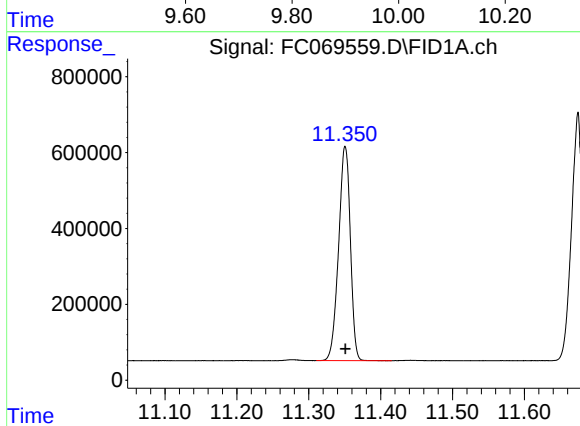
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: 0.000 min
Response: 6486829
Conc: 46.68 ug/ml



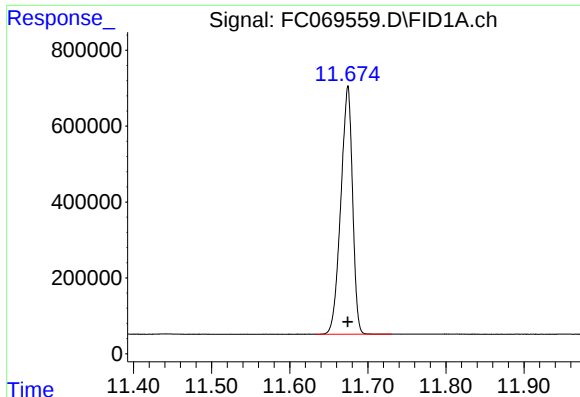
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: 0.000 min
Response: 6527978
Conc: 46.74 ug/ml



#8 n-Octadecane (C18)

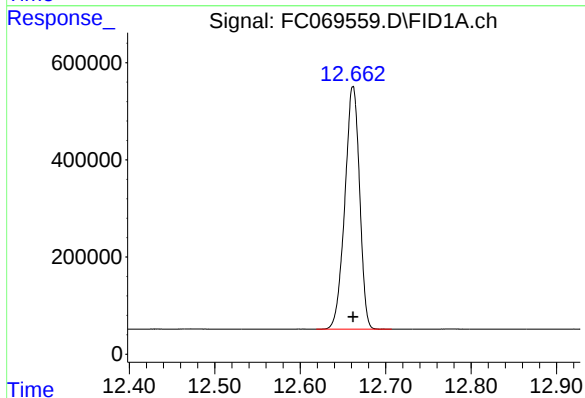
R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 6407218
Conc: 47.05 ug/ml



#9 ortho-Terphenyl (SURR)

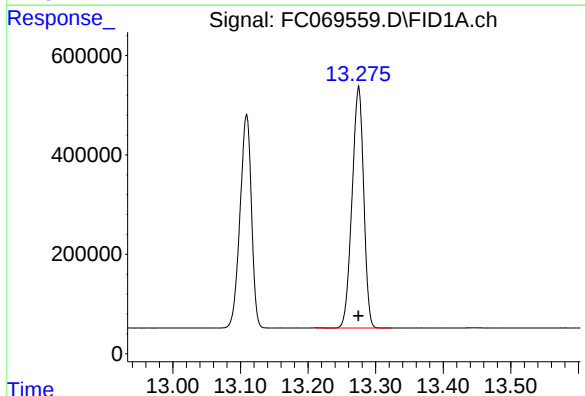
R.T.: 11.674 min
Delta R.T.: 0.000 min
Response: 6835847
Conc: 47.56 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



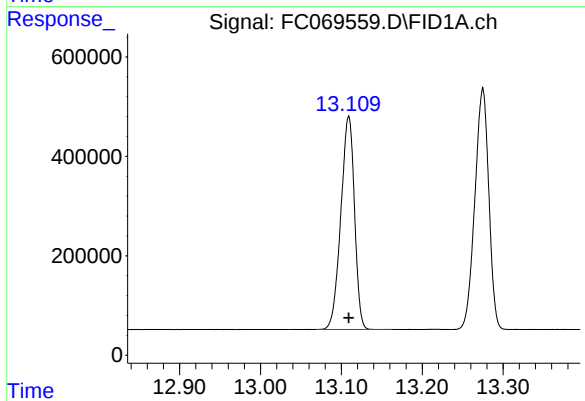
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: 0.000 min
Response: 5985413
Conc: 47.33 ug/ml



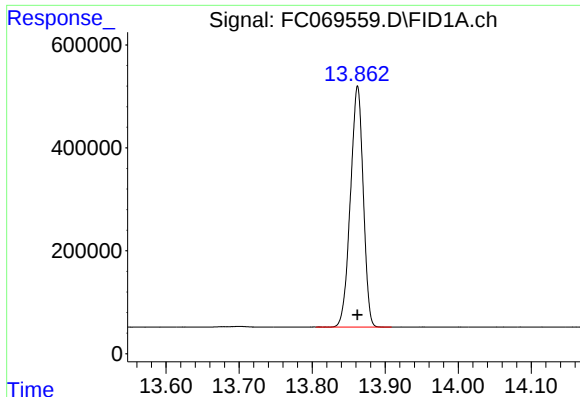
#11 n-Heneicosane (C21)

R.T.: 13.275 min
Delta R.T.: 0.000 min
Response: 5808893
Conc: 47.44 ug/ml



#12 1-chlorooctadecane (SURR)

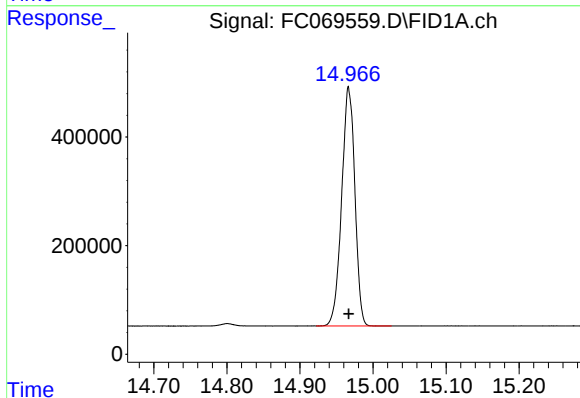
R.T.: 13.109 min
Delta R.T.: 0.000 min
Response: 5030704
Conc: 47.61 ug/ml



#13 n-Docosane (C22)

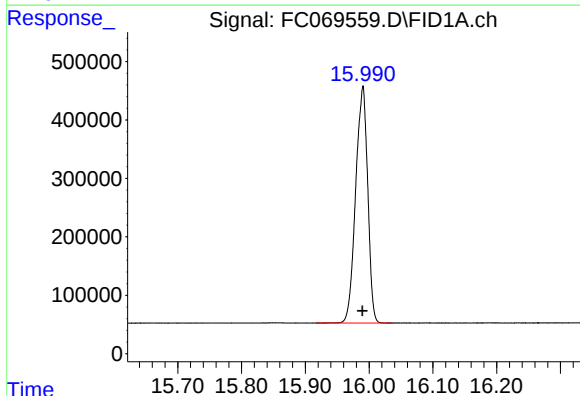
R.T.: 13.862 min
Delta R.T.: 0.000 min
Response: 5705652
Conc: 47.53 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



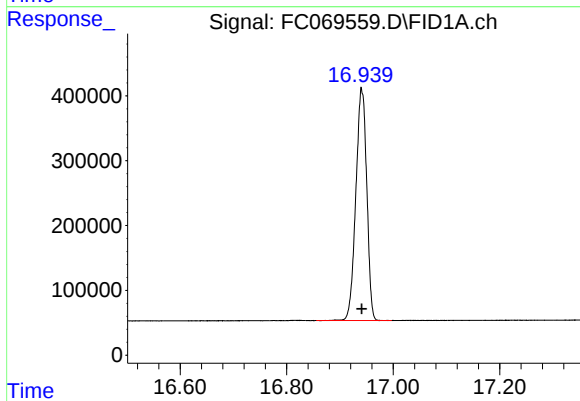
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: 0.000 min
Response: 5527058
Conc: 47.68 ug/ml



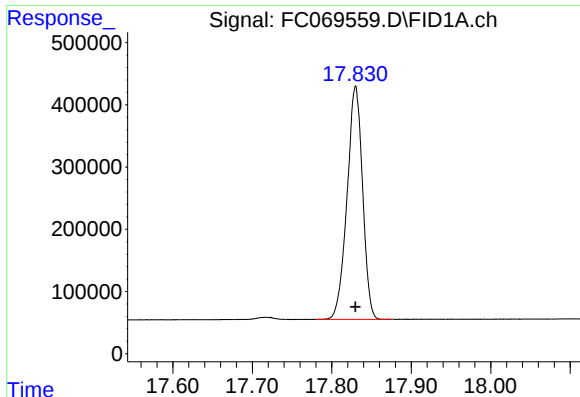
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: 0.000 min
Response: 5299336
Conc: 47.73 ug/ml



#16 n-Octacosane (C28)

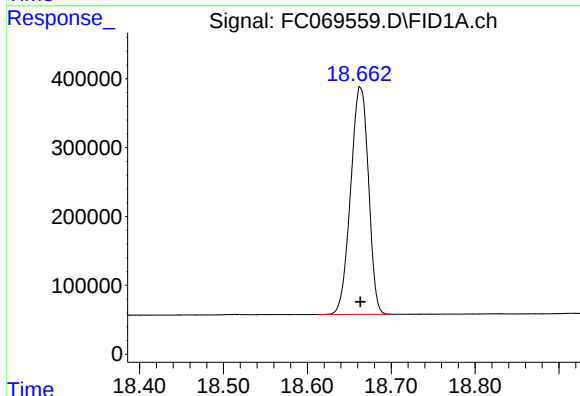
R.T.: 16.941 min
Delta R.T.: 0.000 min
Response: 5093903
Conc: 47.71 ug/ml



#17 n-Tricontane (C30)

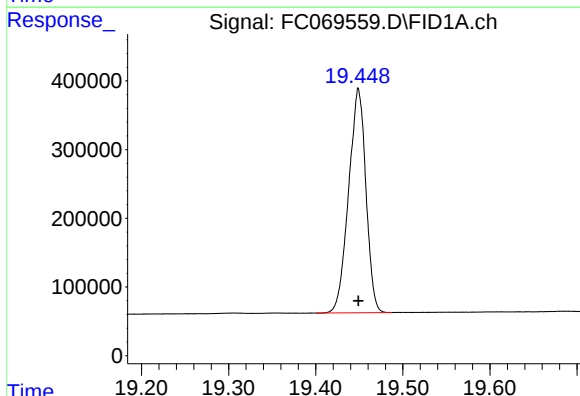
R.T.: 17.830 min
Delta R.T.: 0.000 min
Response: 5089600
Conc: 47.59 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



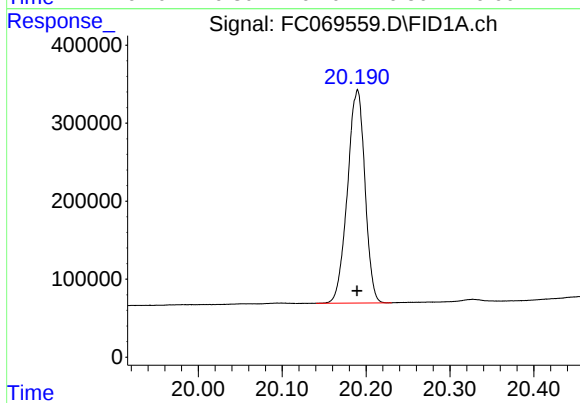
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: 0.000 min
Response: 4885889
Conc: 47.50 ug/ml



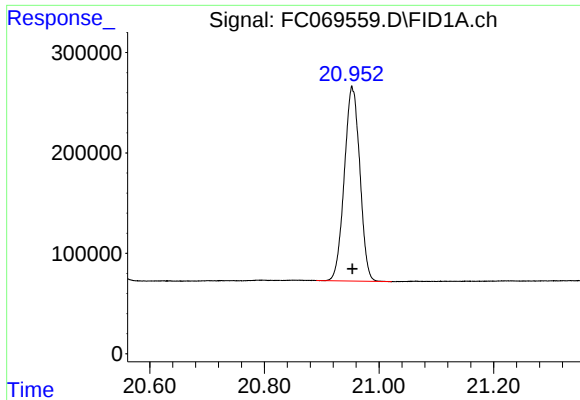
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min
Delta R.T.: 0.000 min
Response: 4493512
Conc: 47.39 ug/ml



#20 n-Hexatriacontane (C36)

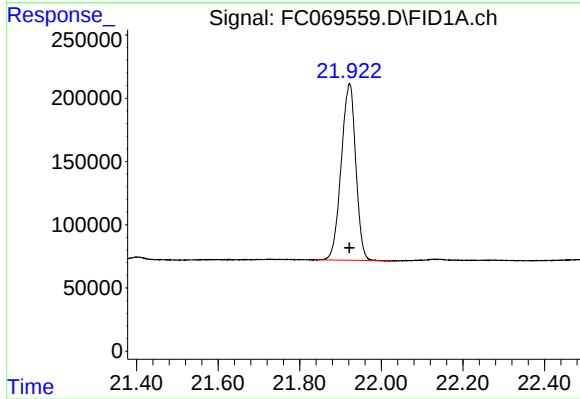
R.T.: 20.189 min
Delta R.T.: 0.000 min
Response: 3952844
Conc: 47.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.000 min
Response: 3637053
Conc: 47.39 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.922 min
Delta R.T.: 0.000 min
Response: 3462128
Conc: 47.63 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069559.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 11:43
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.402	3.367	3.440	BB	767884	6460632	90.78%	5.217%
2	4.476	4.442	4.534	BB	730907	6602241	92.77%	5.332%
3	6.072	6.037	6.150	BB	777576	7117131	100.00%	5.747%
4	6.501	6.465	6.554	BB	659056	6628143	93.13%	5.353%
5	7.132	7.082	7.239	BB	674204	6792629	95.44%	5.485%
6	8.301	8.264	8.365	BB	604554	6486829	91.14%	5.238%
7	9.906	9.845	9.987	BB	596945	6527978	91.72%	5.272%
8	11.351	11.310	11.415	BB	565203	6407218	90.03%	5.174%
9	11.674	11.634	11.730	BB	651686	6835847	96.05%	5.520%
10	12.662	12.619	12.707	BB	499653	5985413	84.10%	4.834%
11	13.109	13.069	13.162	BB	428770	5030704	70.68%	4.063%
12	13.275	13.212	13.324	BB	487675	5808893	81.62%	4.691%
13	13.862	13.805	13.909	BB	469221	5705652	80.17%	4.608%
14	14.967	14.922	15.025	BB	435680	5527058	77.66%	4.463%
15	15.990	15.917	16.035	BB	406930	5299336	74.46%	4.280%
16	16.941	16.855	16.997	BB	357249	5093903	71.57%	4.114%
17	17.830	17.780	17.875	BB	375927	5089600	71.51%	4.110%
18	18.663	18.610	18.700	BB	328772	4885889	68.65%	3.946%
19	19.449	19.400	19.487	BB	326962	4493512	63.14%	3.629%
20	20.189	20.140	20.230	BV	271528	3952844	55.54%	3.192%
21	20.953	20.890	21.022	BB	192089	3637053	51.10%	2.937%
22	21.922	21.840	22.025	BB	139624	3462128	48.64%	2.796%
Sum of corrected areas:						123830632		

Aliphatic EPH 080125.M Fri Aug 01 15:08:48 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069560.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 12:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 01 13:14:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:14:26 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)	11.671	3038421	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.106	2224752	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.402	2927397	20.000 ug/ml
2) T n-Decane (C10)	4.474	3009770	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.070	3200665	20.000 ug/ml
4) T n-Dodecane (C12)	6.499	3028365	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.130	3039698	20.000 ug/ml
6) T n-Tetradecane (C14)	8.299	2960582	20.000 ug/ml
7) T n-Hexadecane (C16)	9.902	2981739	20.000 ug/ml
8) T n-Octadecane (C18)	11.348	2900399	20.000 ug/ml
10) T n-Eicosane (C20)	12.659	2686211	20.000 ug/ml
11) T n-Heneicosane (C21)	13.273	2595361	20.000 ug/ml
13) T n-Docosane (C22)	13.860	2543151	20.000 ug/ml
14) T n-Tetracosane (C24)	14.964	2450175	20.000 ug/ml
15) T n-Hexacosane (C26)	15.986	2347283	20.000 ug/ml
16) T n-Octacosane (C28)	16.938	2269696	20.000 ug/ml
17) T n-Tricontane (C30)	17.827	2301407	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.660	2234449	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.446	2056944	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.186	1806195	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.952	1645997	20.000 ug/ml
22) T n-Tetracontane (C40)	21.918	1549473	20.000 ug/ml

(f)=RT Delta > 1/2 Window

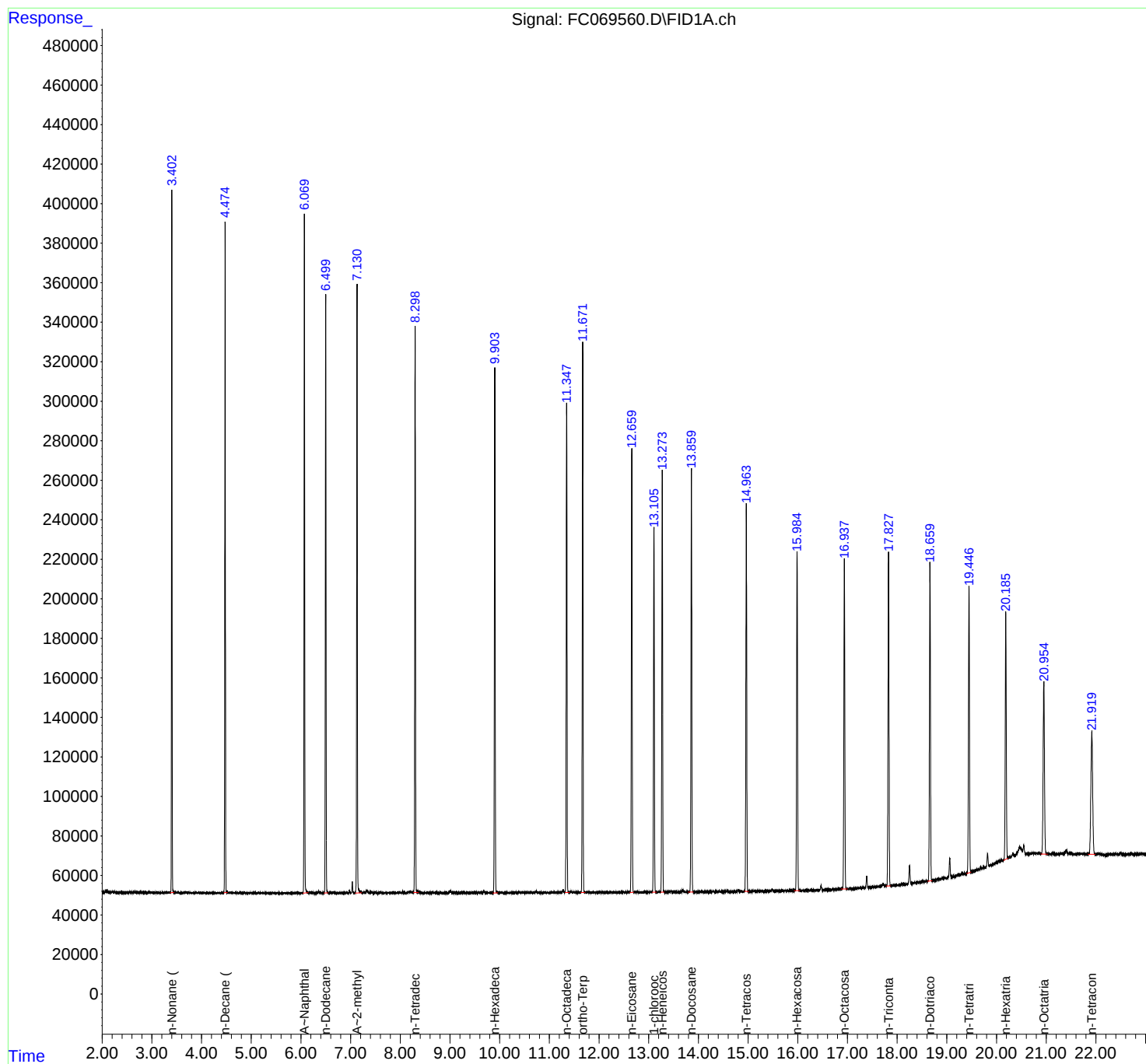
(m)=manual int.

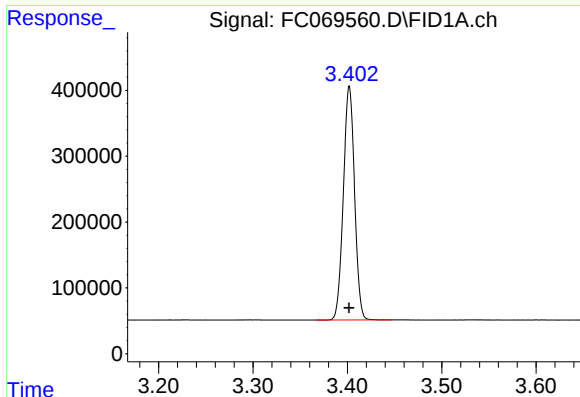
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069560.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 12:24
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Aug 01 13:14:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

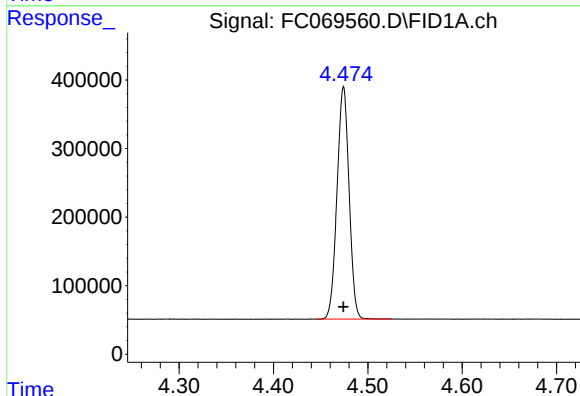




#1 n-Nonane (C9)

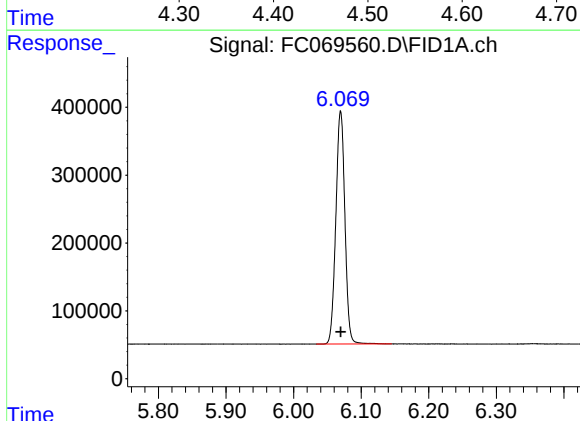
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 2927397
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



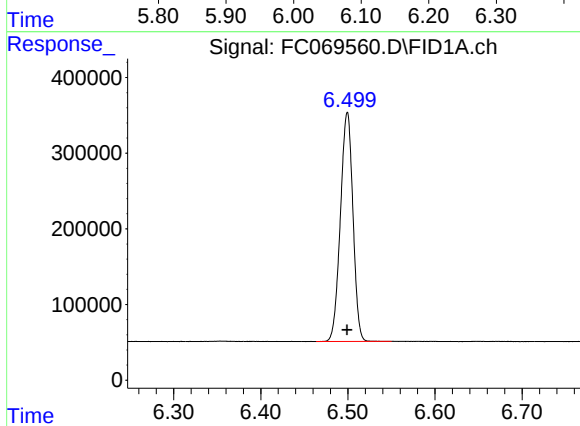
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 3009770
Conc: 20.00 ug/ml



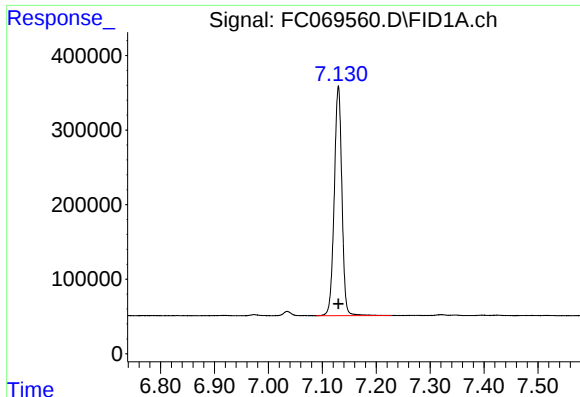
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 3200665
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

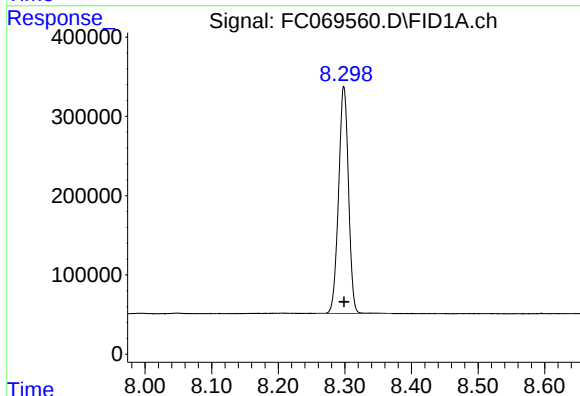
R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 3028365
Conc: 20.00 ug/ml



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

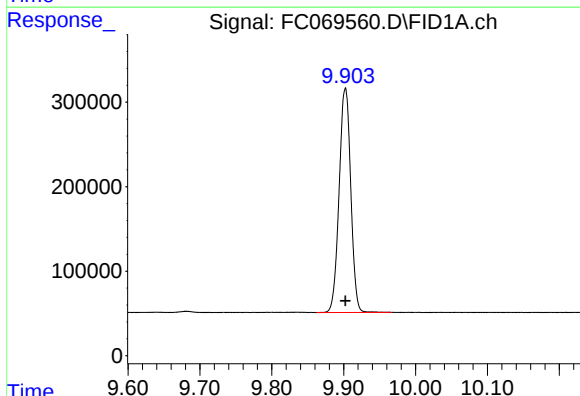
R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 3039698
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



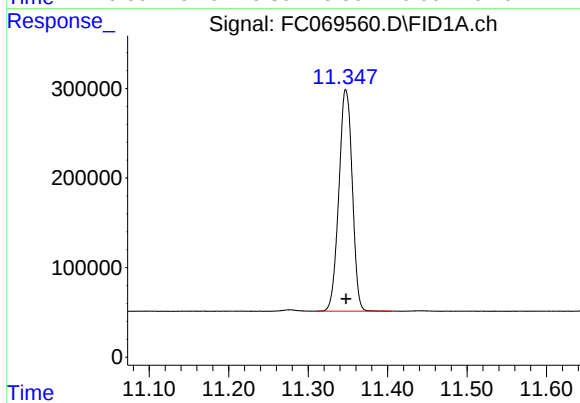
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 2960582
Conc: 20.00 ug/ml



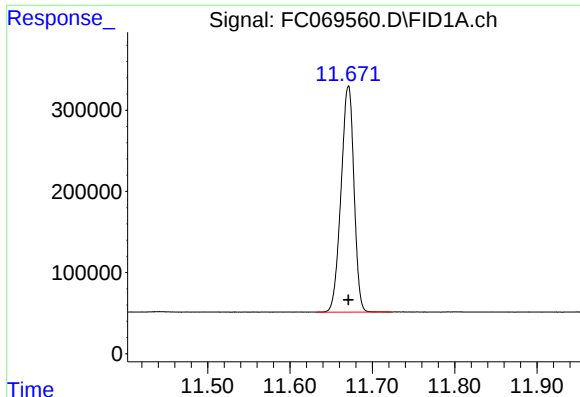
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 2981739
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

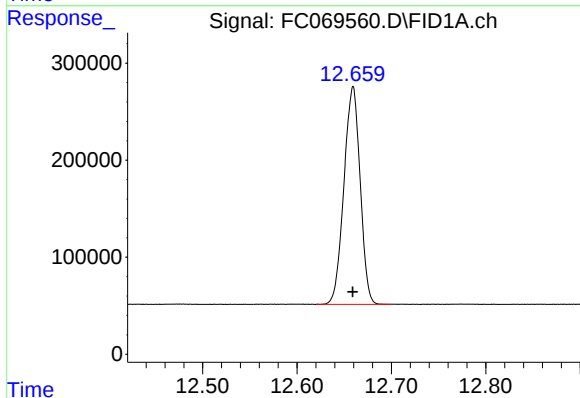
R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 2900399
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

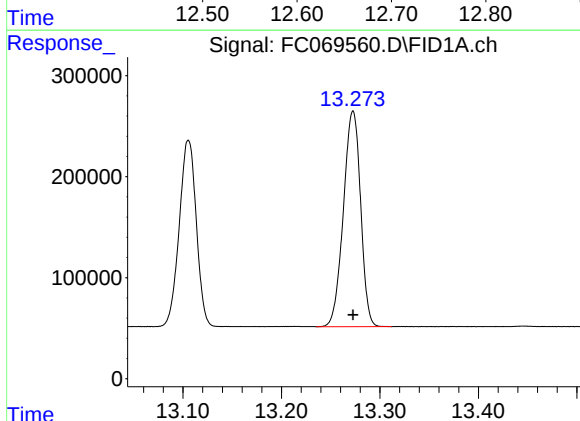
R.T.: 11.671 min
Delta R.T.: 0.000 min
Response: 3038421
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



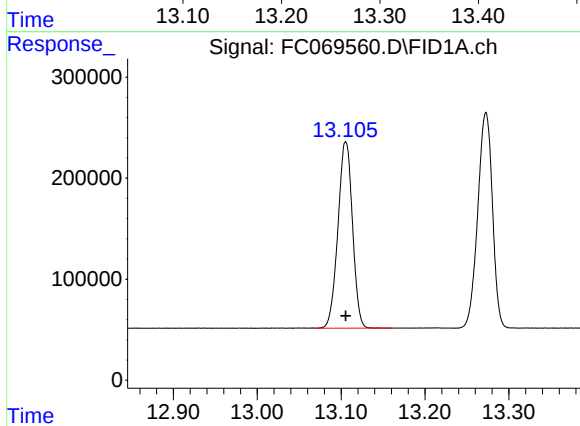
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 2686211
Conc: 20.00 ug/ml



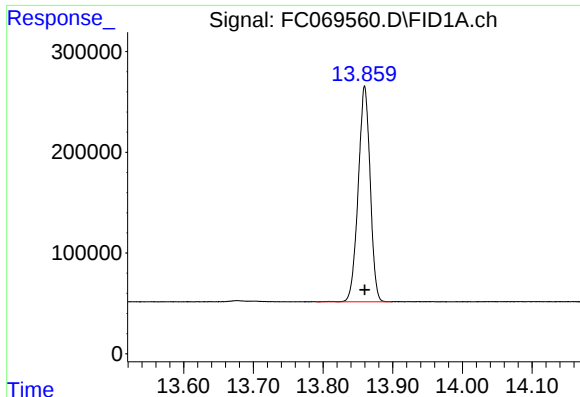
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.000 min
Response: 2595361
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

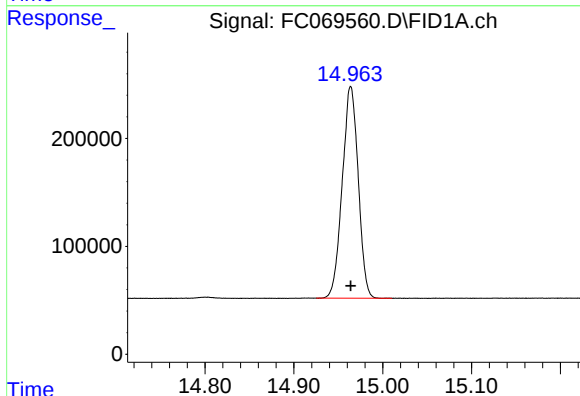
R.T.: 13.106 min
Delta R.T.: 0.000 min
Response: 2224752
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

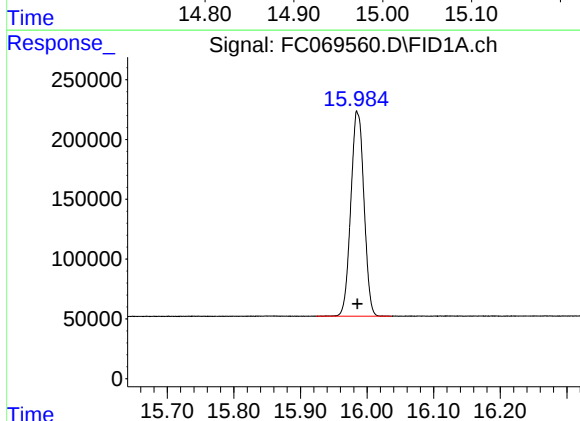
R.T.: 13.860 min
Delta R.T.: 0.000 min
Response: 2543151
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



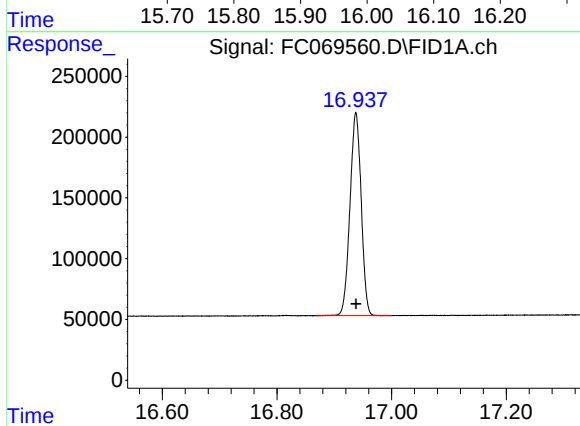
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: 0.000 min
Response: 2450175
Conc: 20.00 ug/ml



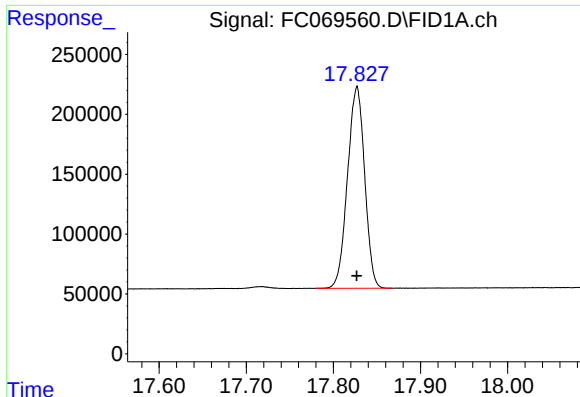
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: 0.000 min
Response: 2347283
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

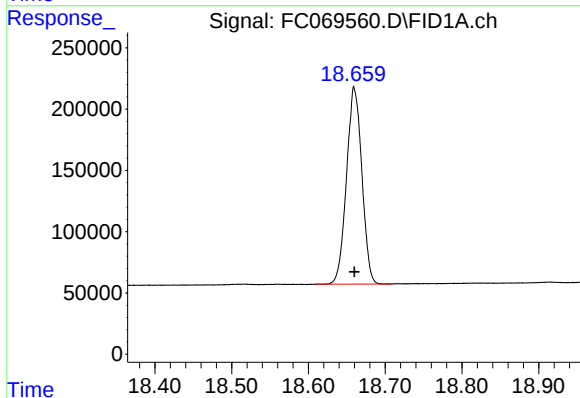
R.T.: 16.938 min
Delta R.T.: 0.000 min
Response: 2269696
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

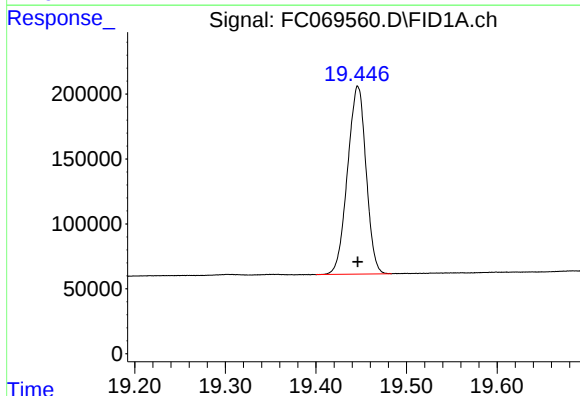
R.T.: 17.827 min
Delta R.T.: 0.000 min
Response: 2301407
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



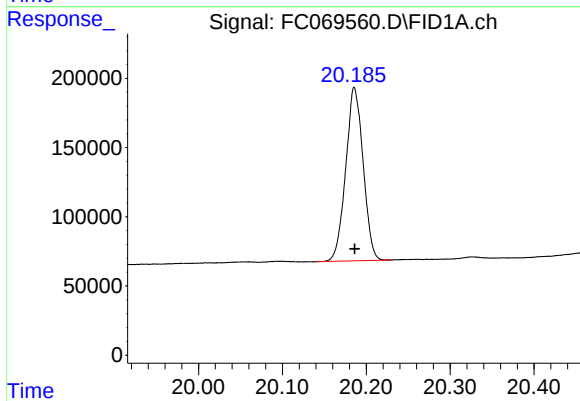
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: 0.000 min
Response: 2234449
Conc: 20.00 ug/ml



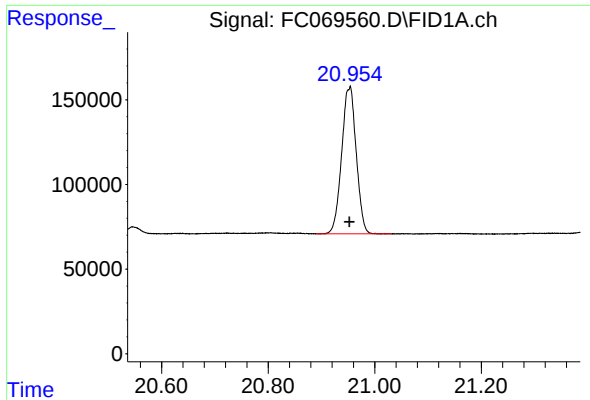
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min
Delta R.T.: 0.000 min
Response: 2056944
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

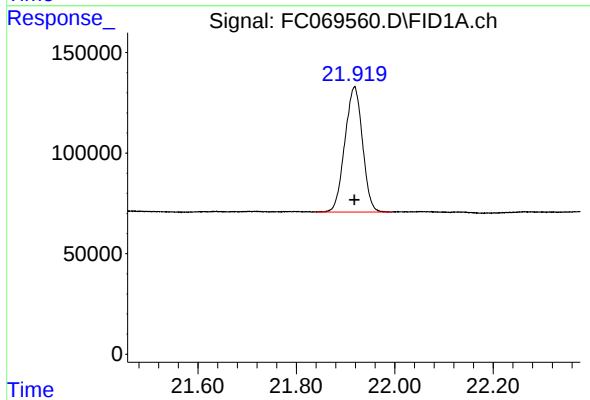
R.T.: 20.186 min
Delta R.T.: 0.000 min
Response: 1806195
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.000 min
Response: 1645997
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.918 min
Delta R.T.: 0.000 min
Response: 1549473
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069560.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 12:24
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.402	3.367	3.447	BB	355162	2927397	91.46%	5.246%
2	4.474	4.445	4.525	BB	338269	3009770	94.04%	5.394%
3	6.070	6.033	6.145	BB	343195	3200665	100.00%	5.736%
4	6.499	6.463	6.550	BB	302438	3028365	94.62%	5.427%
5	7.130	7.088	7.228	BB	308518	3039698	94.97%	5.448%
6	8.299	8.257	8.370	BB	286366	2960582	92.50%	5.306%
7	9.902	9.862	9.967	BB	264774	2981739	93.16%	5.344%
8	11.348	11.310	11.405	BB	246104	2900399	90.62%	5.198%
9	11.671	11.632	11.723	BB	277969	3038421	94.93%	5.445%
10	12.659	12.620	12.700	BB	224081	2686211	83.93%	4.814%
11	13.106	13.070	13.160	BB	184547	2224752	69.51%	3.987%
12	13.273	13.235	13.312	BB	213340	2595361	81.09%	4.651%
13	13.860	13.790	13.898	BB	214096	2543151	79.46%	4.558%
14	14.964	14.925	15.010	BB	196220	2450175	76.55%	4.391%
15	15.986	15.923	16.037	BB	170402	2347283	73.34%	4.207%
16	16.938	16.868	17.000	BB	167286	2269696	70.91%	4.068%
17	17.827	17.780	17.867	BB	168435	2301407	71.90%	4.125%
18	18.660	18.610	18.708	BB	158841	2234449	69.81%	4.005%
19	19.446	19.400	19.483	BB	144512	2056944	64.27%	3.686%
20	20.186	20.140	20.230	BV	124468	1806195	56.43%	3.237%
21	20.952	20.890	21.032	BB	85565	1645997	51.43%	2.950%
22	21.918	21.840	21.993	BB	62374	1549473	48.41%	2.777%
Sum of corrected areas:						55798128		

Aliphatic EPH 080125.M Fri Aug 01 15:09:21 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069561.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 13:06
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 01 13:29:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:29:13 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)	11.669	1534923	10.501 ug/ml
Spiked Amount 50.000		Recovery =	21.00%
12) S 1-chlorooctadecane (S...	13.105	1117333	10.424 ug/ml
Spiked Amount 50.000		Recovery =	20.85%
Target Compounds			
1) T n-Nonane (C9)	3.400	1439879	10.334 ug/ml
2) T n-Decane (C10)	4.473	1462951	10.271 ug/ml
3) T A~Naphthalene (C11.7)	6.069	1569203	10.302 ug/ml
4) T n-Dodecane (C12)	6.498	1467891	10.251 ug/ml
5) T A~2-methylnaphthalene...	7.128	1485813	10.245 ug/ml
6) T n-Tetradecane (C14)	8.297	1433466	10.235 ug/ml
7) T n-Hexadecane (C16)	9.902	1464276	10.359 ug/ml
8) T n-Octadecane (C18)	11.346	1447437	10.464 ug/ml
10) T n-Eicosane (C20)	12.658	1356080	10.533 ug/ml
11) T n-Heneicosane (C21)	13.271	1316459	10.553 ug/ml
13) T n-Docosane (C22)	13.858	1289069	10.544 ug/ml
14) T n-Tetracosane (C24)	14.963	1243261	10.534 ug/ml
15) T n-Hexacosane (C26)	15.985	1187475	10.513 ug/ml
16) T n-Octacosane (C28)	16.937	1148200	10.556 ug/ml
17) T n-Tricontane (C30)	17.825	1169356	10.684 ug/ml
18) T n-Dotriacontane (C32)	18.659	1129813	10.721 ug/ml
19) T n-Tetratriacontane (C34)	19.444	1035291	10.674 ug/ml
20) T n-Hexatriacontane (C36)	20.186	908236	10.636 ug/ml
21) T n-Octatriacontane (C38)	20.951	799482	10.309 ug/ml
22) T n-Tetracontane (C40)	21.915	749275	10.229 ug/ml

(f)=RT Delta > 1/2 Window

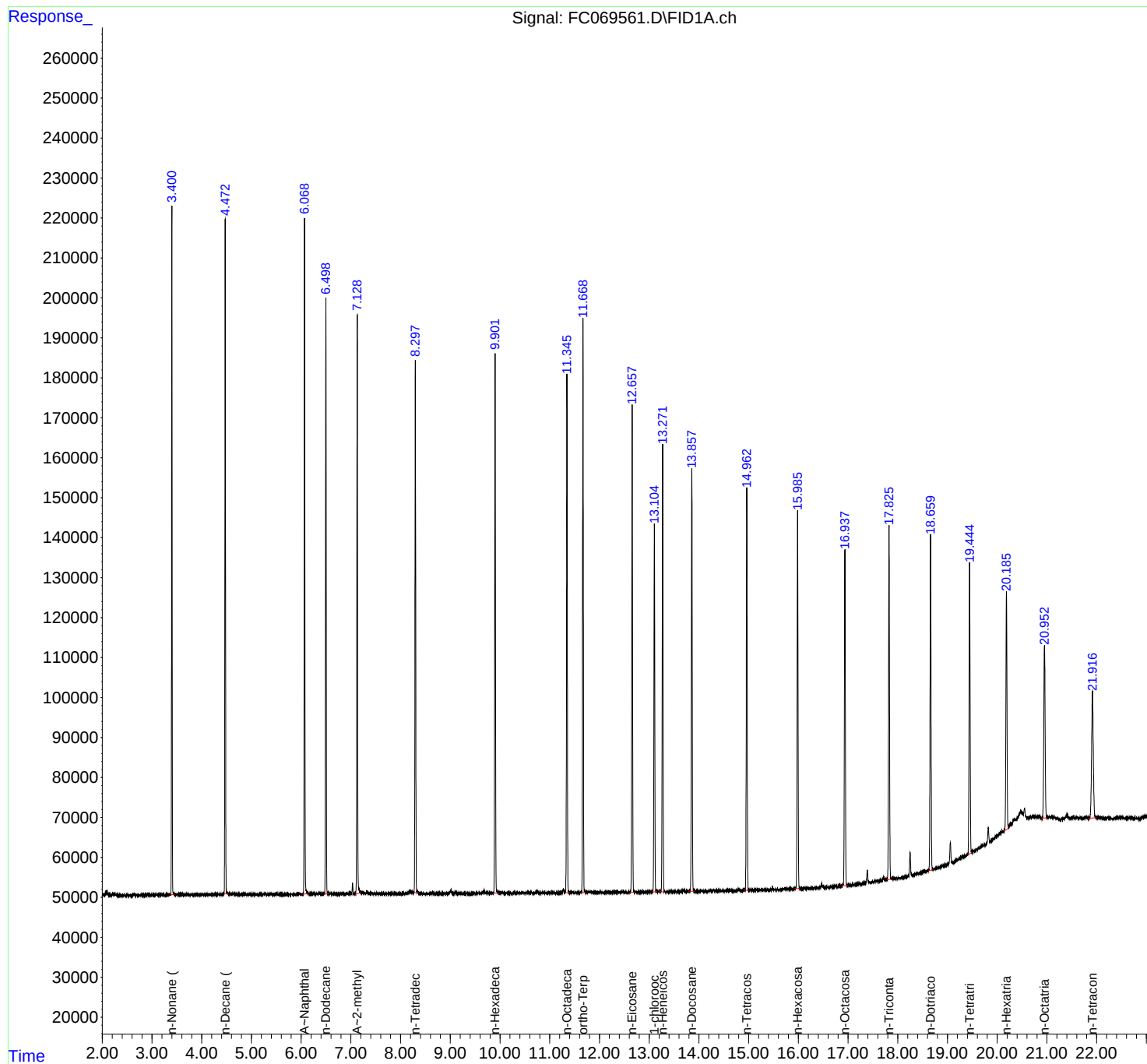
(m)=manual int.

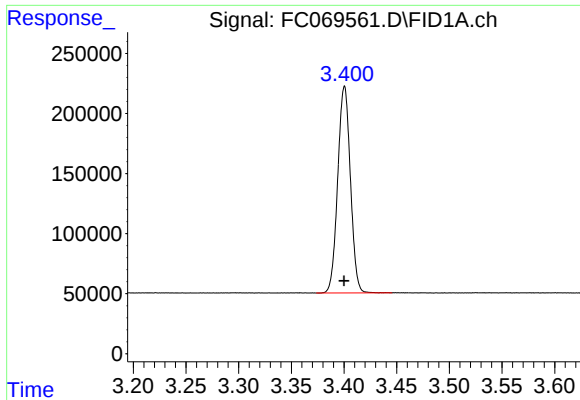
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069561.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 13:06
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Aug 01 13:29:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:29:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

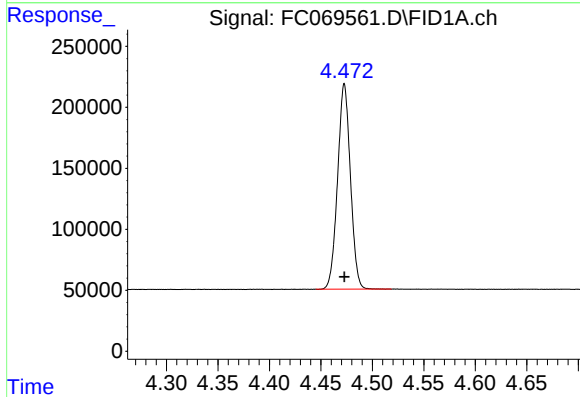




#1 n-Nonane (C9)

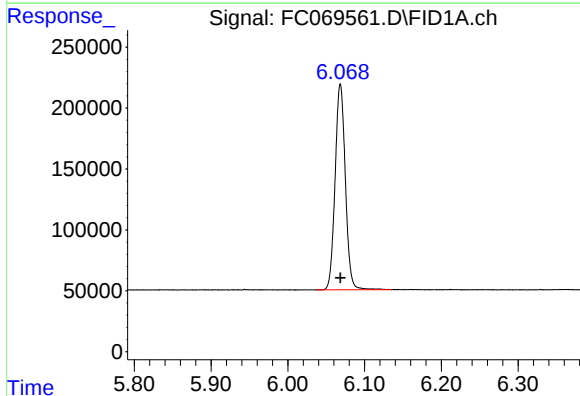
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 1439879
Conc: 10.33 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



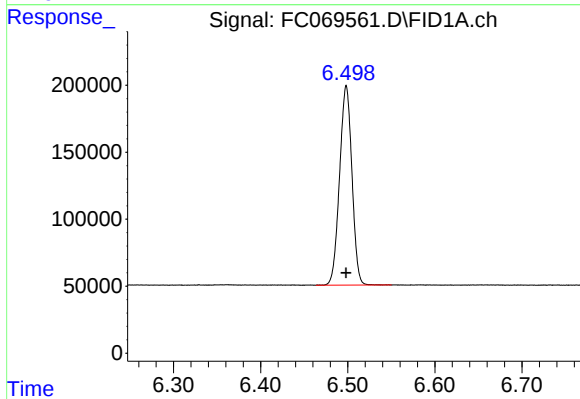
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 1462951
Conc: 10.27 ug/ml



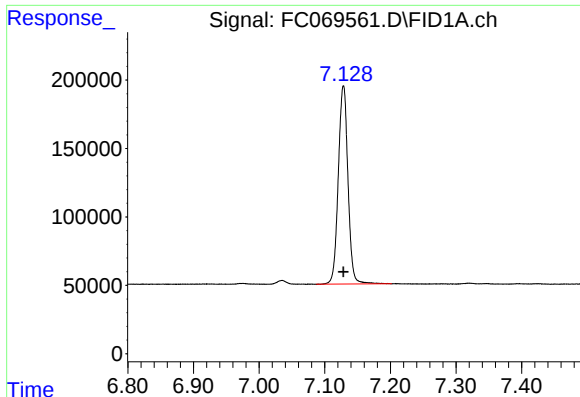
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 1569203
Conc: 10.30 ug/ml



#4 n-Dodecane (C12)

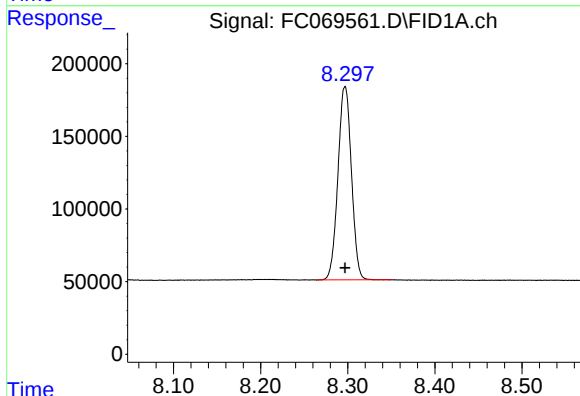
R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 1467891
Conc: 10.25 ug/ml



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

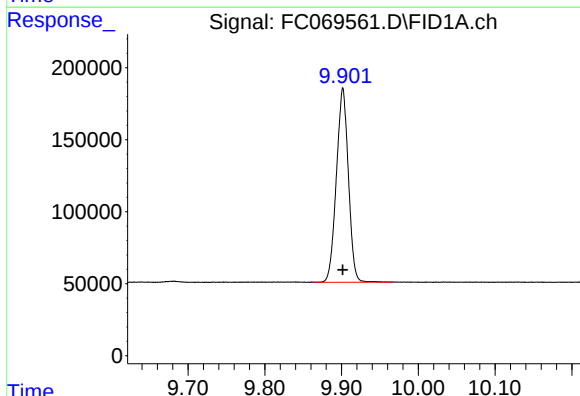
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 1485813
Conc: 10.25 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



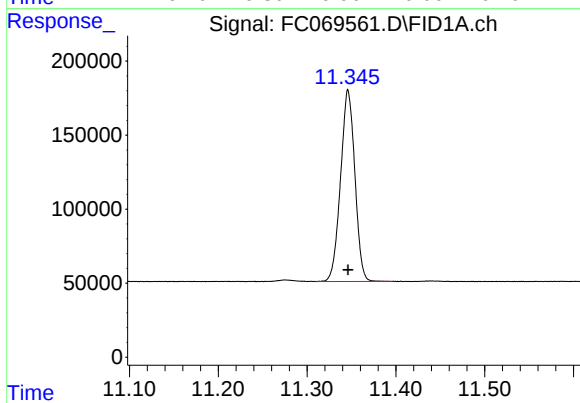
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 1433466
Conc: 10.23 ug/ml



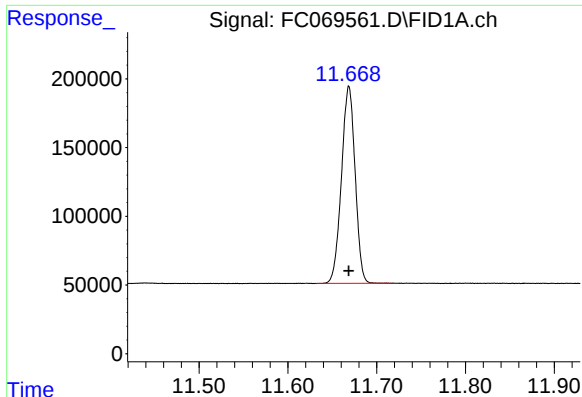
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 1464276
Conc: 10.36 ug/ml



#8 n-Octadecane (C18)

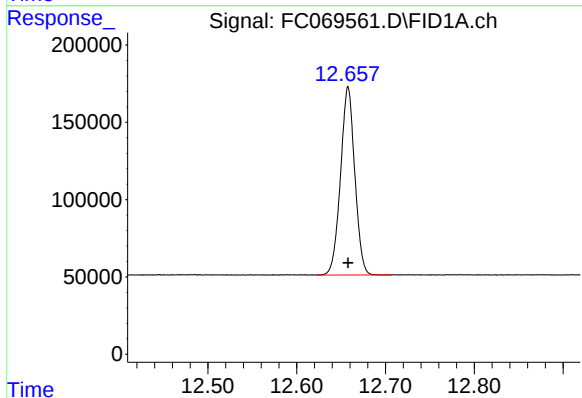
R.T.: 11.346 min
Delta R.T.: 0.000 min
Response: 1447437
Conc: 10.46 ug/ml



#9 ortho-Terphenyl (SURR)

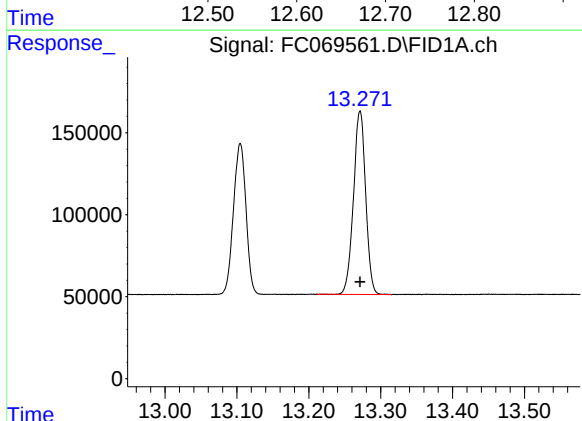
R.T.: 11.669 min
Delta R.T.: 0.000 min
Response: 1534923
Conc: 10.50 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



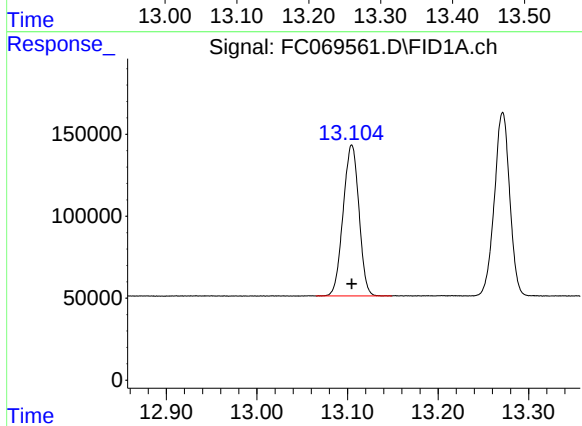
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 1356080
Conc: 10.53 ug/ml



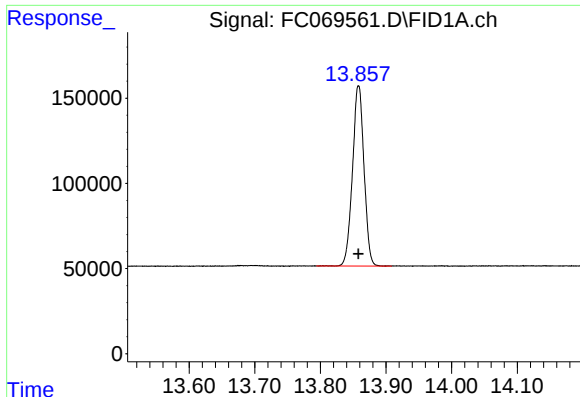
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.000 min
Response: 1316459
Conc: 10.55 ug/ml



#12 1-chlorooctadecane (SURR)

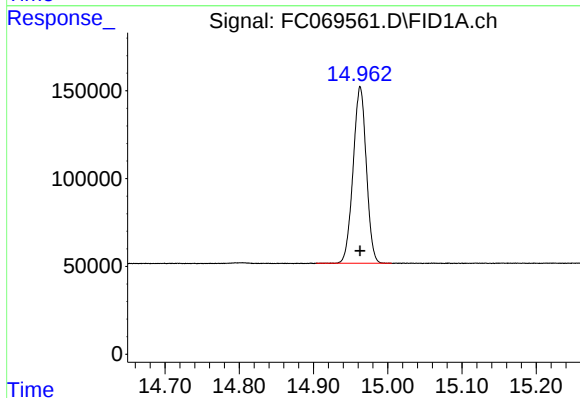
R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 1117333
Conc: 10.42 ug/ml



#13 n-Docosane (C22)

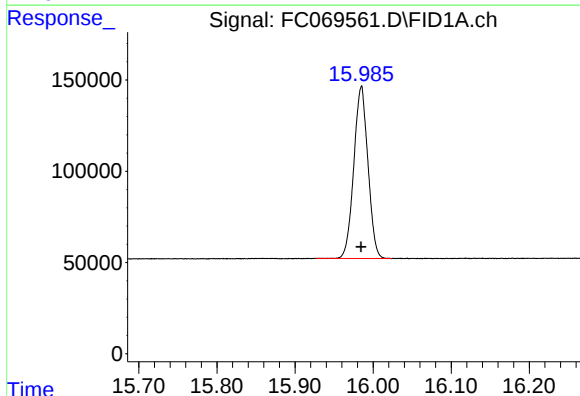
R.T.: 13.858 min
Delta R.T.: 0.000 min
Response: 1289069
Conc: 10.54 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



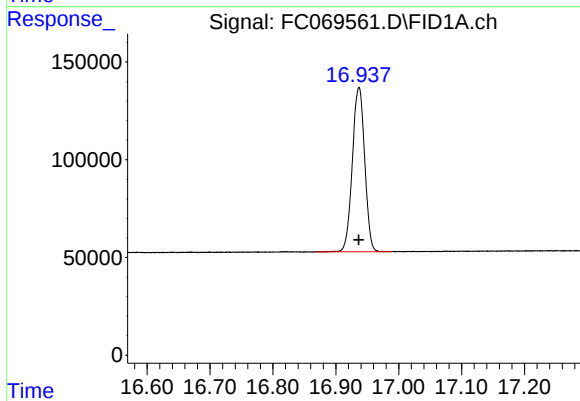
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: 0.000 min
Response: 1243261
Conc: 10.53 ug/ml



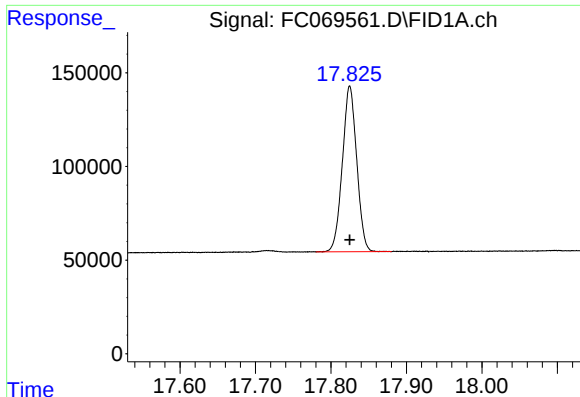
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.000 min
Response: 1187475
Conc: 10.51 ug/ml



#16 n-Octacosane (C28)

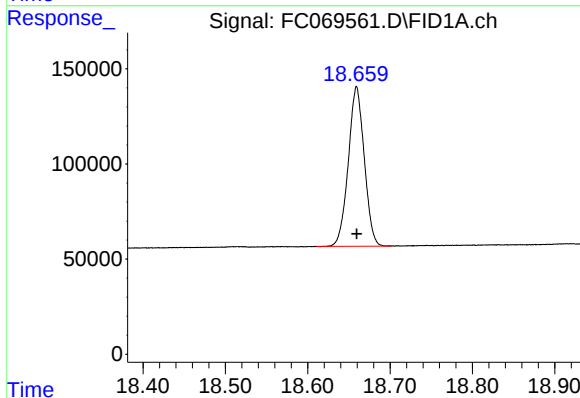
R.T.: 16.937 min
Delta R.T.: 0.000 min
Response: 1148200
Conc: 10.56 ug/ml



#17 n-Tricontane (C30)

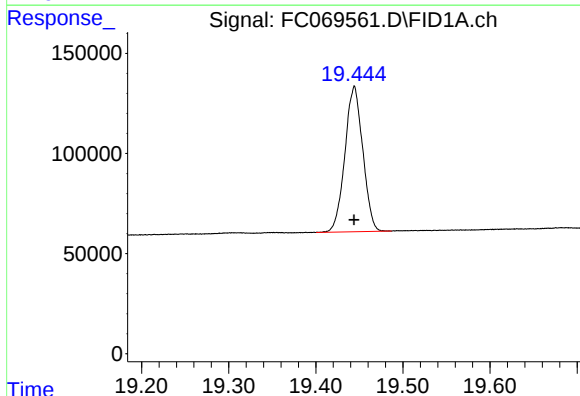
R.T.: 17.825 min
Delta R.T.: 0.000 min
Response: 1169356
Conc: 10.68 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



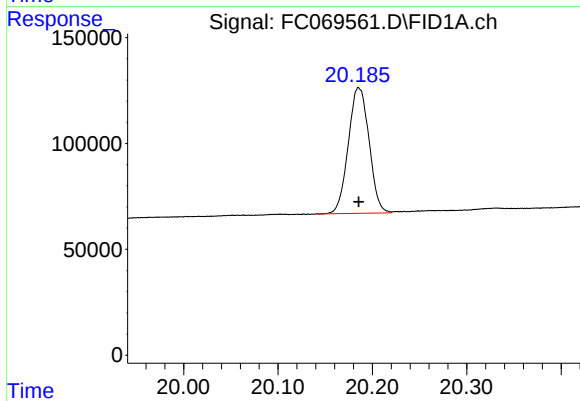
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: 0.000 min
Response: 1129813
Conc: 10.72 ug/ml



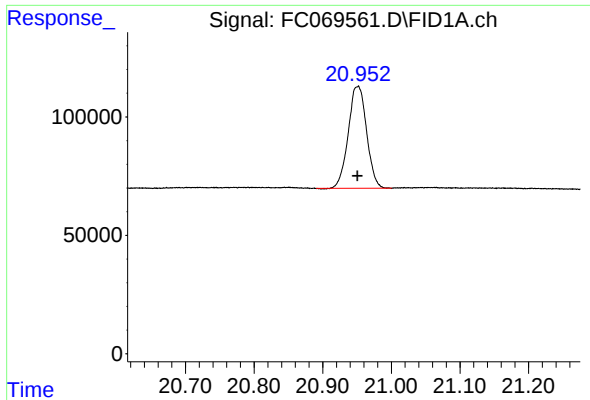
#19 n-Tetratriacontane (C34)

R.T.: 19.444 min
Delta R.T.: 0.000 min
Response: 1035291
Conc: 10.67 ug/ml



#20 n-Hexatriacontane (C36)

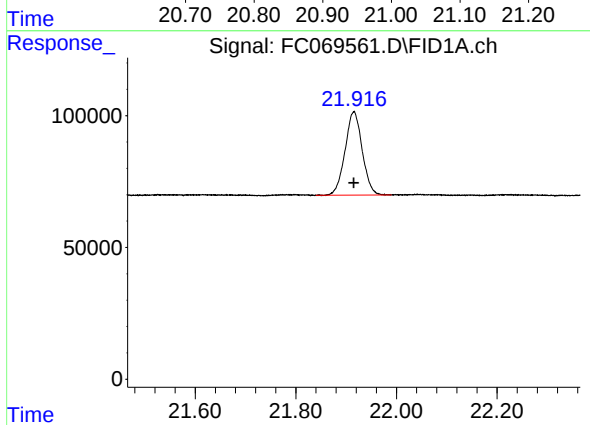
R.T.: 20.186 min
Delta R.T.: 0.000 min
Response: 908236
Conc: 10.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.951 min
Delta R.T.: 0.000 min
Response: 799482
Conc: 10.31 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: 0.000 min
Response: 749275
Conc: 10.23 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069561.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 13:06
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.400	3.374	3.445	BB	172113	1439879	91.76%	5.188%
2	4.473	4.445	4.519	BB	167943	1462951	93.23%	5.271%
3	6.069	6.037	6.135	BB	168967	1569203	100.00%	5.654%
4	6.498	6.464	6.550	BB	149172	1467891	93.54%	5.289%
5	7.128	7.087	7.202	BB	145315	1485813	94.69%	5.353%
6	8.297	8.264	8.350	BB	133068	1433466	91.35%	5.165%
7	9.902	9.867	9.965	BB	135234	1464276	93.31%	5.276%
8	11.346	11.310	11.395	BB	128377	1447437	92.24%	5.215%
9	11.669	11.632	11.717	BB	143989	1534923	97.82%	5.530%
10	12.658	12.622	12.707	BB	121821	1356080	86.42%	4.886%
11	13.105	13.065	13.149	BB	92191	1117333	71.20%	4.026%
12	13.271	13.210	13.315	BB	112196	1316459	83.89%	4.743%
13	13.858	13.794	13.909	BB	105843	1289069	82.15%	4.644%
14	14.963	14.904	15.005	BB	100401	1243261	79.23%	4.479%
15	15.985	15.927	16.024	BB	94931	1187475	75.67%	4.278%
16	16.937	16.869	16.989	BB	84232	1148200	73.17%	4.137%
17	17.825	17.780	17.880	BB	88459	1169356	74.52%	4.213%
18	18.659	18.610	18.702	BB	84000	1129813	72.00%	4.071%
19	19.444	19.400	19.487	BB	72518	1035291	65.98%	3.730%
20	20.186	20.140	20.220	BV	59413	908236	57.88%	3.272%
21	20.951	20.890	21.000	BB	42908	799482	50.95%	2.880%
22	21.915	21.840	21.990	BB	31700	749275	47.75%	2.700%
Sum of corrected areas:						27755170		

Aliphatic EPH 080125.M Fri Aug 01 15:09:44 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069562.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 13:47
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 01 14:13:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:13:39 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)	11.667	806321	5.405 ug/ml
Spiked Amount 50.000		Recovery =	10.81%
12) S 1-chlorooctadecane (S...	13.104	581885	5.337 ug/ml
Spiked Amount 50.000		Recovery =	10.67%
Target Compounds			
1) T n-Nonane (C9)	3.401	775207	5.441 ug/ml
2) T n-Decane (C10)	4.473	785741	5.405 ug/ml
3) T A~Naphthalene (C11.7)	6.068	832580	5.366 ug/ml
4) T n-Dodecane (C12)	6.497	790720	5.409 ug/ml
5) T A~2-methylnaphthalene...	7.128	781407	5.306 ug/ml
6) T n-Tetradecane (C14)	8.297	766590	5.372 ug/ml
7) T n-Hexadecane (C16)	9.901	777062	5.390 ug/ml
8) T n-Octadecane (C18)	11.345	768778	5.436 ug/ml
10) T n-Eicosane (C20)	12.656	718355	5.453 ug/ml
11) T n-Heneicosane (C21)	13.270	693612	5.438 ug/ml
13) T n-Docosane (C22)	13.857	677921	5.427 ug/ml
14) T n-Tetracosane (C24)	14.962	656255	5.438 ug/ml
15) T n-Hexacosane (C26)	15.984	629658	5.449 ug/ml
16) T n-Octacosane (C28)	16.935	626748	5.592 ug/ml
17) T n-Tricontane (C30)	17.824	673441	5.882 ug/ml
18) T n-Dotriacontane (C32)	18.658	669294	6.025 ug/ml
19) T n-Tetratriacontane (C34)	19.443	605748	5.949 ug/ml
20) T n-Hexatriacontane (C36)	20.185	521228	5.846 ug/ml
21) T n-Octatriacontane (C38)	20.949	460015	5.719 ug/ml
22) T n-Tetracontane (C40)	21.915	406976	5.435 ug/ml

(f)=RT Delta > 1/2 Window

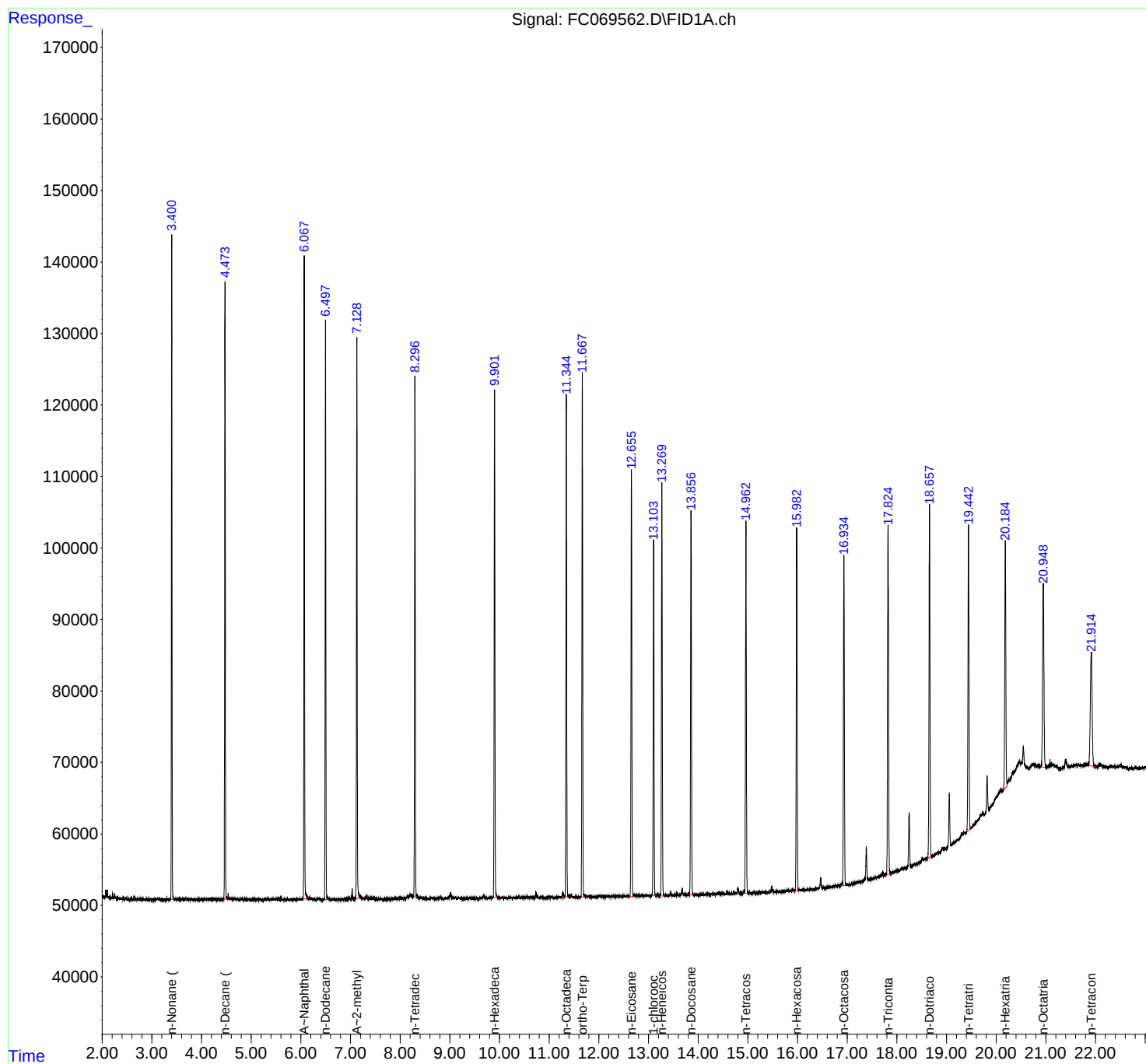
(m)=manual int.

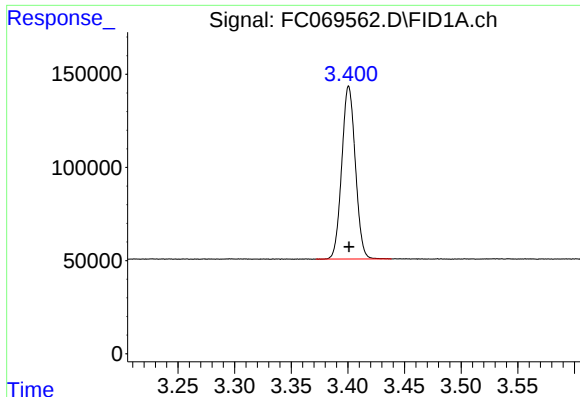
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069562.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 13:47
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Aug 01 14:13:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:13:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

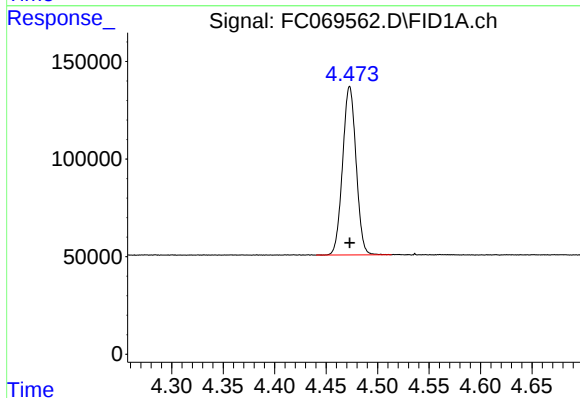




#1 n-Nonane (C9)

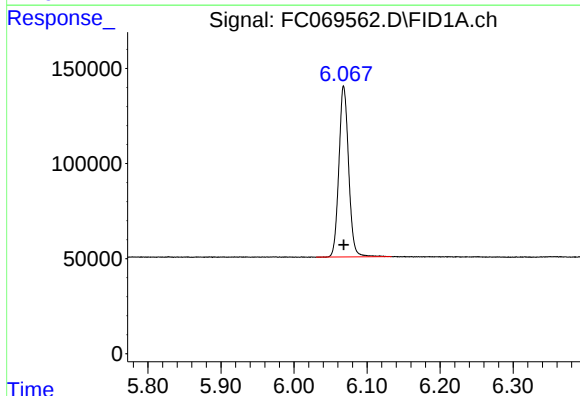
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 775207
Conc: 5.44 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



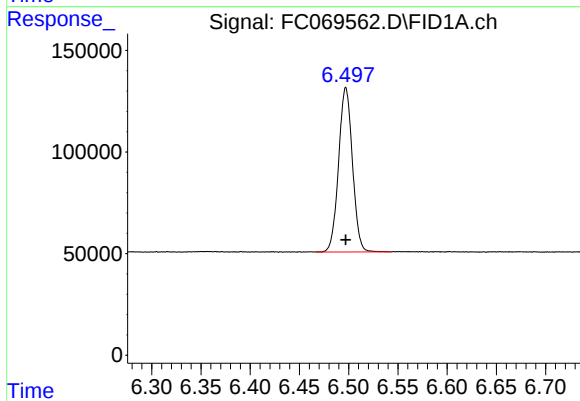
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 785741
Conc: 5.40 ug/ml



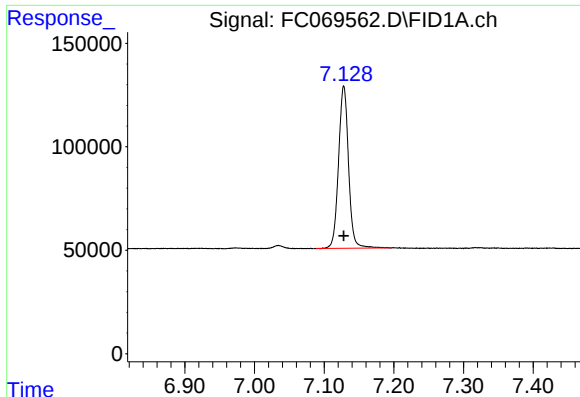
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 832580
Conc: 5.37 ug/ml



#4 n-Dodecane (C12)

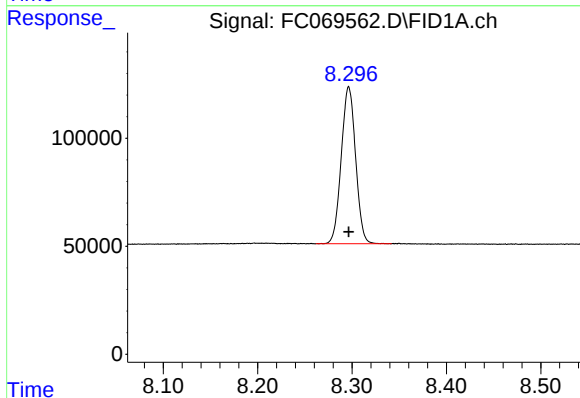
R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 790720
Conc: 5.41 ug/ml



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

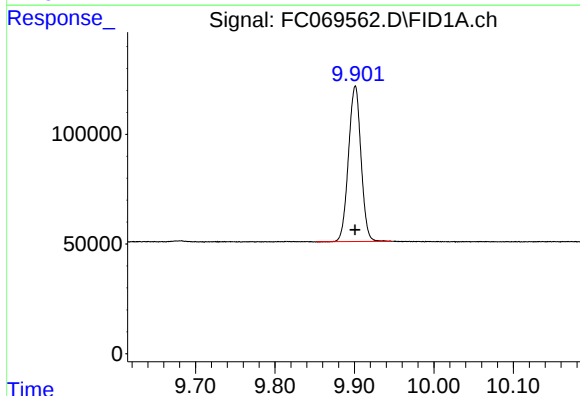
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 781407
Conc: 5.31 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



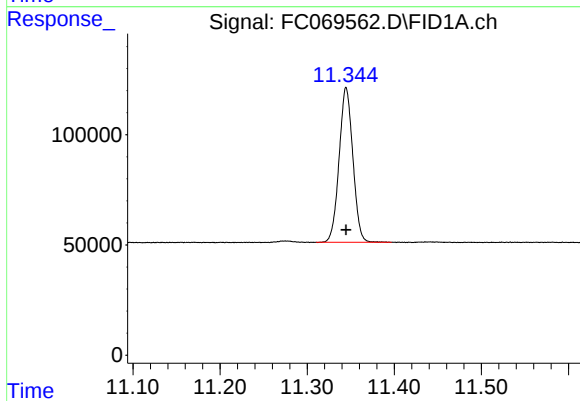
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 766590
Conc: 5.37 ug/ml



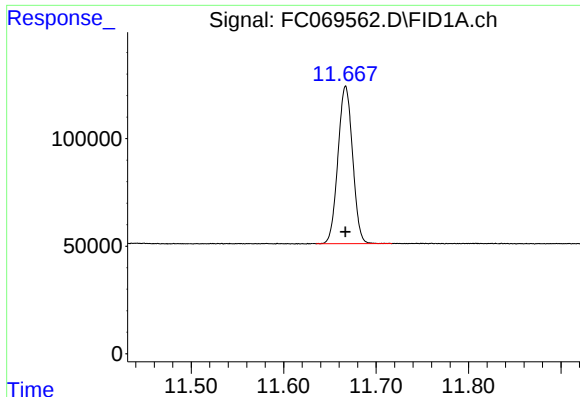
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: 0.000 min
Response: 777062
Conc: 5.39 ug/ml



#8 n-Octadecane (C18)

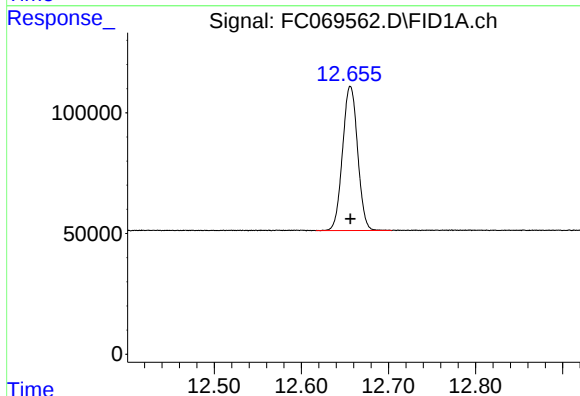
R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 768778
Conc: 5.44 ug/ml



#9 ortho-Terphenyl (SURR)

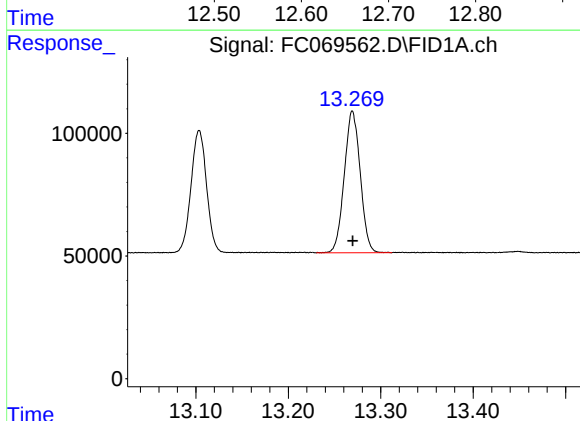
R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 806321
Conc: 5.40 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



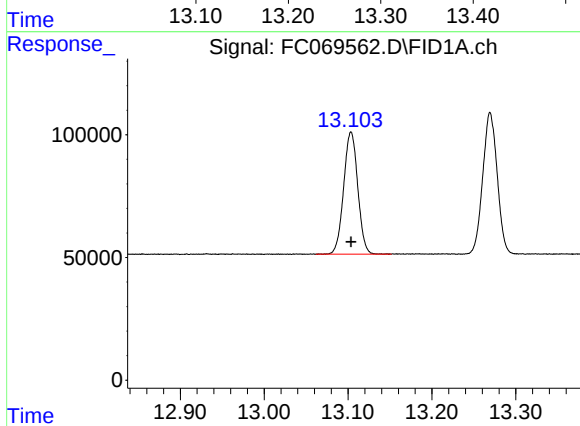
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.000 min
Response: 718355
Conc: 5.45 ug/ml



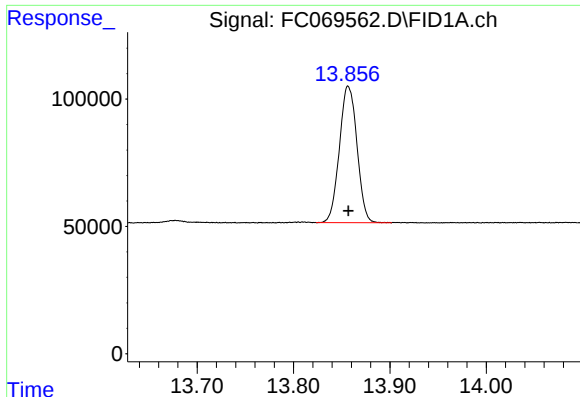
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 693612
Conc: 5.44 ug/ml



#12 1-chlorooctadecane (SURR)

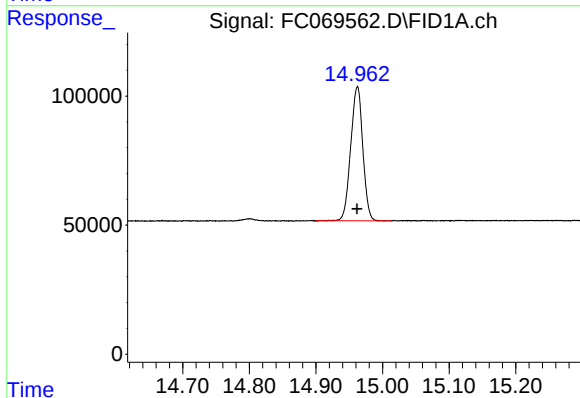
R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 581885
Conc: 5.34 ug/ml



#13 n-Docosane (C22)

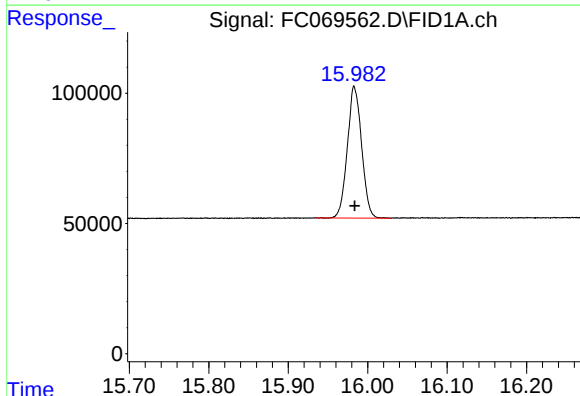
R.T.: 13.857 min
Delta R.T.: 0.000 min
Response: 677921
Conc: 5.43 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



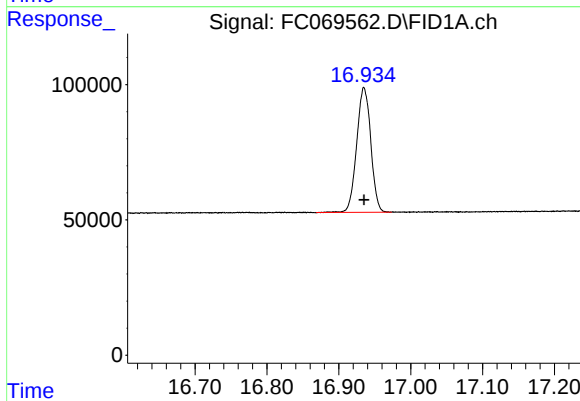
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: 0.000 min
Response: 656255
Conc: 5.44 ug/ml



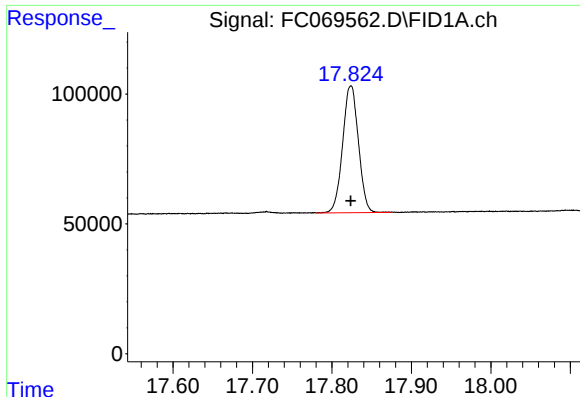
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.000 min
Response: 629658
Conc: 5.45 ug/ml



#16 n-Octacosane (C28)

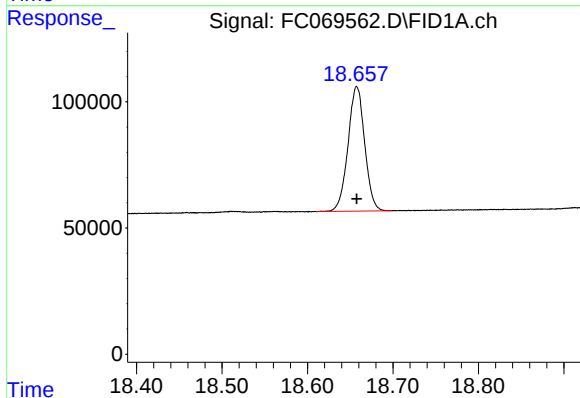
R.T.: 16.935 min
Delta R.T.: 0.000 min
Response: 626748
Conc: 5.59 ug/ml



#17 n-Tricontane (C30)

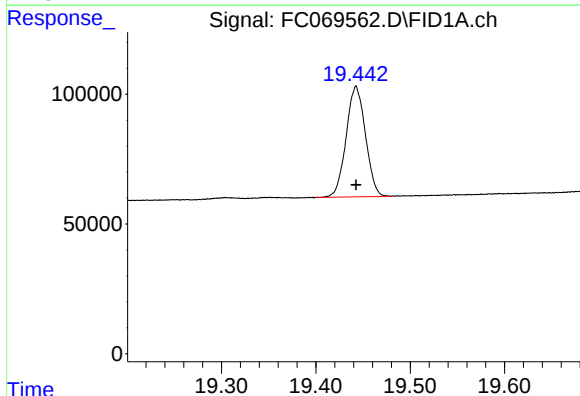
R.T.: 17.824 min
Delta R.T.: 0.000 min
Response: 673441
Conc: 5.88 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



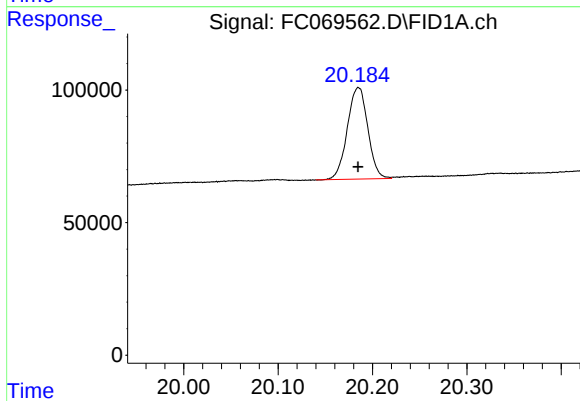
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.000 min
Response: 669294
Conc: 6.03 ug/ml



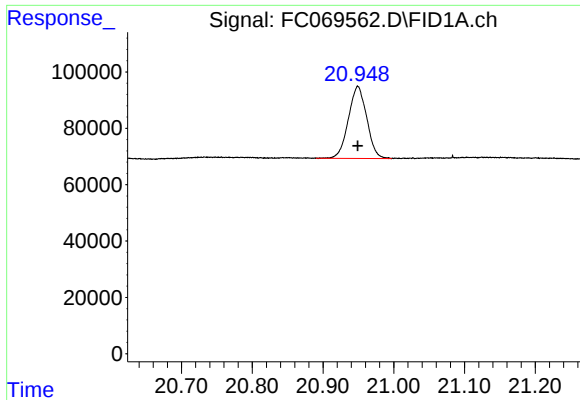
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: 0.000 min
Response: 605748
Conc: 5.95 ug/ml



#20 n-Hexatriacontane (C36)

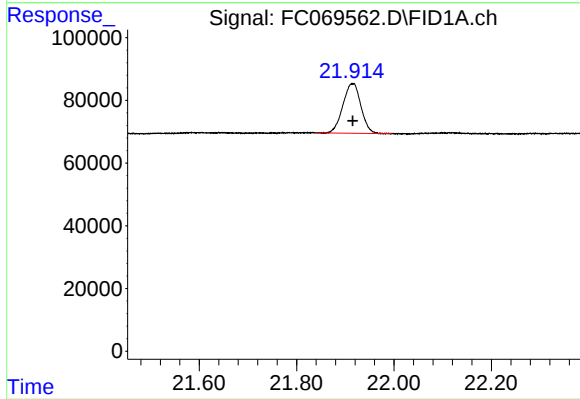
R.T.: 20.185 min
Delta R.T.: 0.000 min
Response: 521228
Conc: 5.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.949 min
Delta R.T.: 0.000 min
Response: 460015
Conc: 5.72 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: 0.000 min
Response: 406976
Conc: 5.43 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069562.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 13:47
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.401	3.372	3.439	BB	92846	775207	93.11%	5.166%
2	4.473	4.440	4.514	BB	86387	785741	94.37%	5.236%
3	6.068	6.030	6.134	BB	89375	832580	100.00%	5.548%
4	6.497	6.467	6.544	BB	81025	790720	94.97%	5.270%
5	7.128	7.089	7.197	BB	78607	781407	93.85%	5.207%
6	8.297	8.262	8.342	BB	72705	766590	92.07%	5.109%
7	9.901	9.852	9.947	BB	70840	777062	93.33%	5.178%
8	11.345	11.310	11.397	BB	70089	768778	92.34%	5.123%
9	11.667	11.635	11.717	BB	73361	806321	96.85%	5.373%
10	12.656	12.617	12.704	BB	59753	718355	86.28%	4.787%
11	13.104	13.062	13.152	BB	49853	581885	69.89%	3.878%
12	13.270	13.230	13.312	BB	57609	693612	83.31%	4.622%
13	13.857	13.824	13.902	BB	53524	677921	81.42%	4.518%
14	14.962	14.900	15.014	BB	51940	656255	78.82%	4.373%
15	15.984	15.935	16.030	BB	50097	629658	75.63%	4.196%
16	16.935	16.869	16.974	BB	46038	626748	75.28%	4.177%
17	17.824	17.780	17.875	BB	48811	673441	80.89%	4.488%
18	18.658	18.610	18.699	BB	49432	669294	80.39%	4.460%
19	19.443	19.400	19.480	BB	42595	605748	72.76%	4.037%
20	20.185	20.140	20.220	BV	34631	521228	62.60%	3.474%
21	20.949	20.890	20.997	BB	25663	460015	55.25%	3.066%
22	21.915	21.840	21.995	BB	15790	406976	48.88%	2.712%
Sum of corrected areas:						15005541		

Aliphatic EPH 080125.M Fri Aug 01 15:10:07 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069563.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 14:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 01 15:10:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.669	3105191	20.814 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
12) S 1-chlorooctadecane (S...	13.104	2286929	20.976 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T n-Nonane (C9)	3.400	2855286	20.041 ug/ml
2) T n-Decane (C10)	4.473	2929618	20.151 ug/ml
3) T A~Naphthalene (C11.7)	6.069	3158669	20.357 ug/ml
4) T n-Dodecane (C12)	6.498	2937597	20.095 ug/ml
5) T A~2-methylnaphthalene...	7.129	3013832	20.464 ug/ml
6) T n-Tetradecane (C14)	8.298	2888977	20.244 ug/ml
7) T n-Hexadecane (C16)	9.902	2948651	20.454 ug/ml
8) T n-Octadecane (C18)	11.346	2922239	20.665 ug/ml
10) T n-Eicosane (C20)	12.658	2742899	20.822 ug/ml
11) T n-Heneicosane (C21)	13.271	2664174	20.888 ug/ml
13) T n-Docosane (C22)	13.858	2615907	20.941 ug/ml
14) T n-Tetracosane (C24)	14.963	2528973	20.957 ug/ml
15) T n-Hexacosane (C26)	15.987	2413151	20.884 ug/ml
16) T n-Octacosane (C28)	16.937	2329648	20.784 ug/ml
17) T n-Tricontane (C30)	17.826	2357945	20.594 ug/ml
18) T n-Dotriacontane (C32)	18.659	2285649	20.576 ug/ml
19) T n-Tetratriacontane (C34)	19.445	2091381	20.539 ug/ml
20) T n-Hexatriacontane (C36)	20.186	1824700	20.464 ug/ml
21) T n-Octatriacontane (C38)	20.951	1652539	20.543 ug/ml
22) T n-Tetracontane (C40)	21.914	1550924	20.712 ug/ml

(f)=RT Delta > 1/2 Window

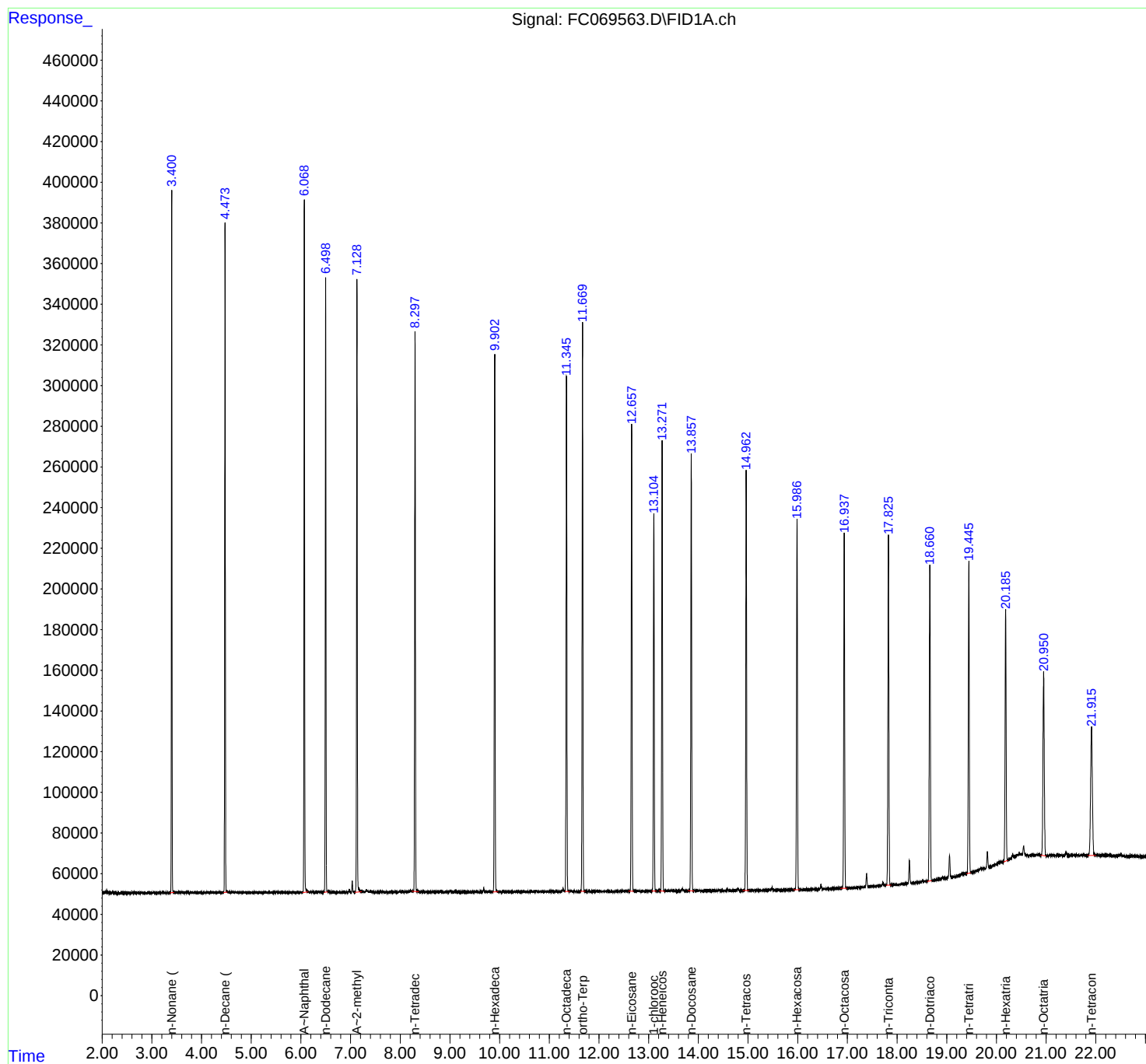
(m)=manual int.

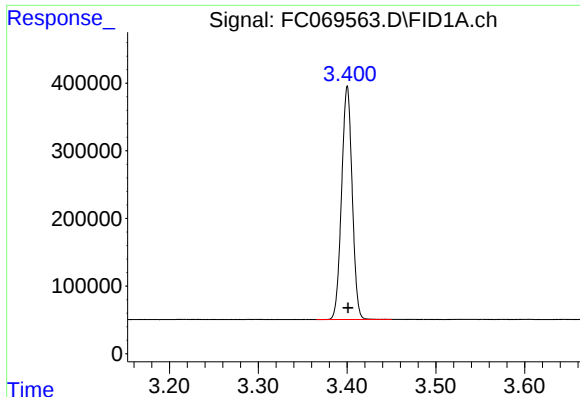
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069563.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 14:28
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Aug 01 15:10:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

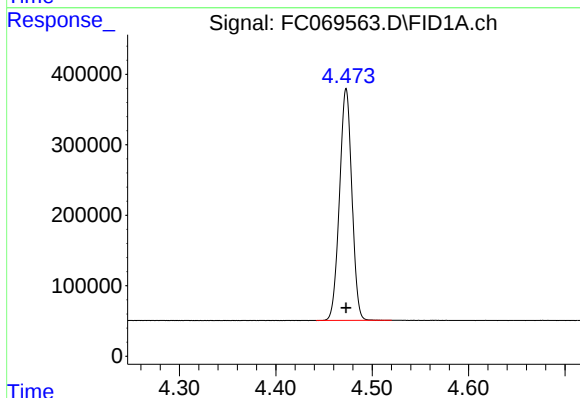
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2855286
Conc: 20.04 ug/ml

Instrument :

FID_C

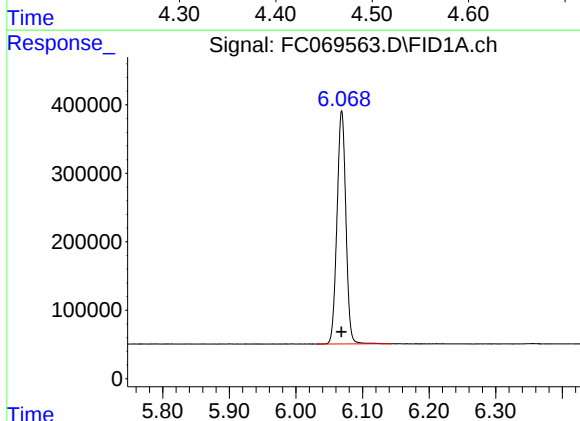
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



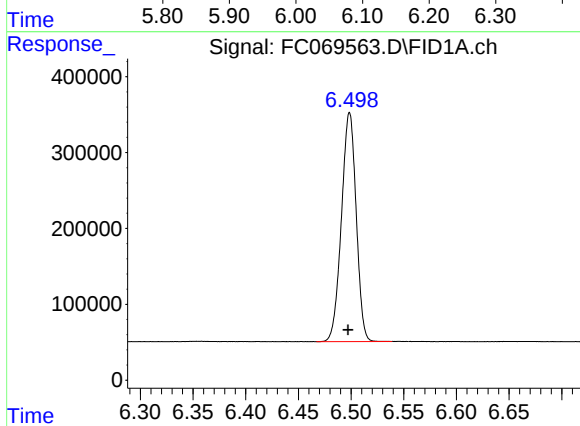
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 2929618
Conc: 20.15 ug/ml



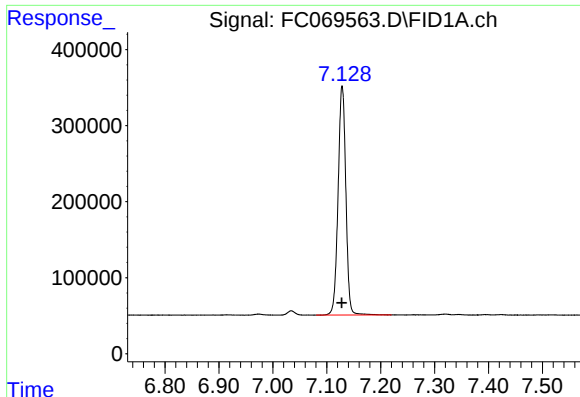
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 3158669
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.498 min
Delta R.T.: 0.001 min
Response: 2937597
Conc: 20.10 ug/ml



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

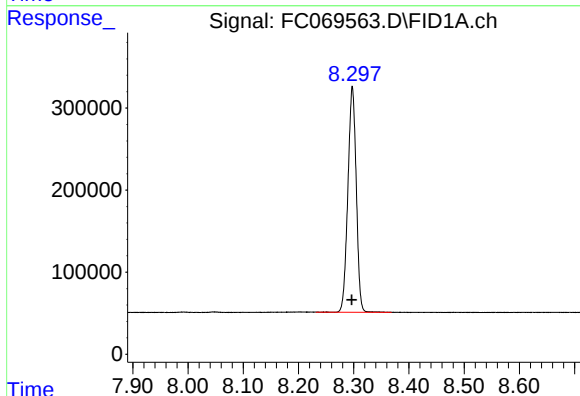
R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 3013832
Conc: 20.46 ug/ml

Instrument :

FID_C

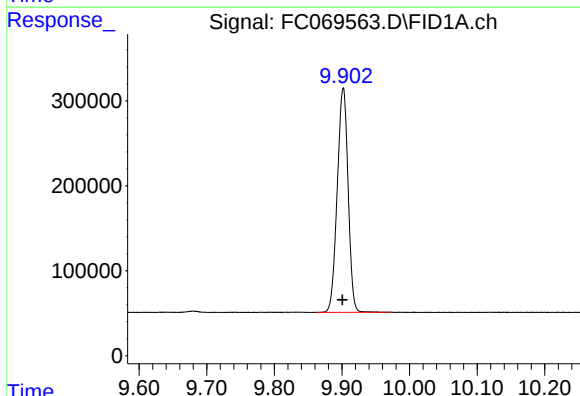
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



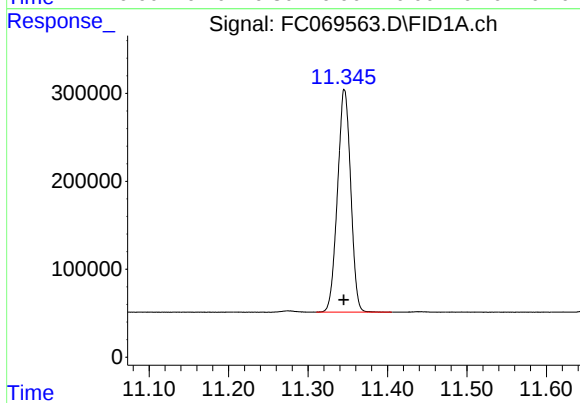
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.001 min
Response: 2888977
Conc: 20.24 ug/ml



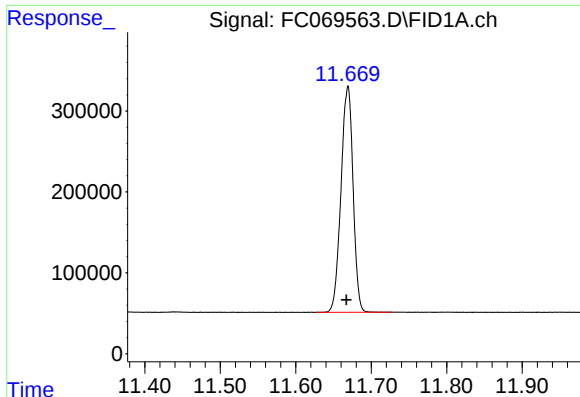
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 2948651
Conc: 20.45 ug/ml



#8 n-Octadecane (C18)

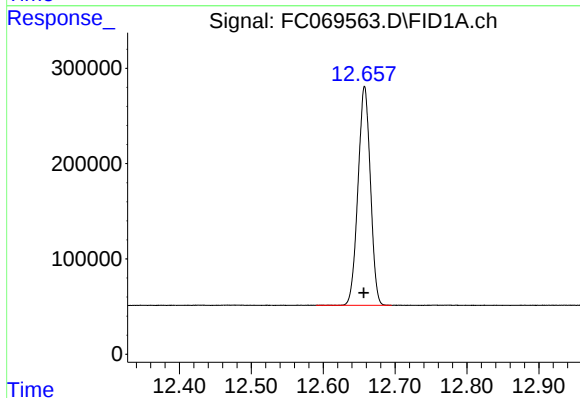
R.T.: 11.346 min
Delta R.T.: 0.001 min
Response: 2922239
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

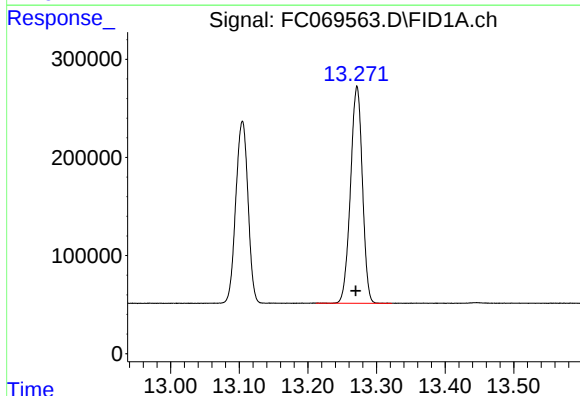
R.T.: 11.669 min
Delta R.T.: 0.002 min
Response: 3105191
Conc: 20.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



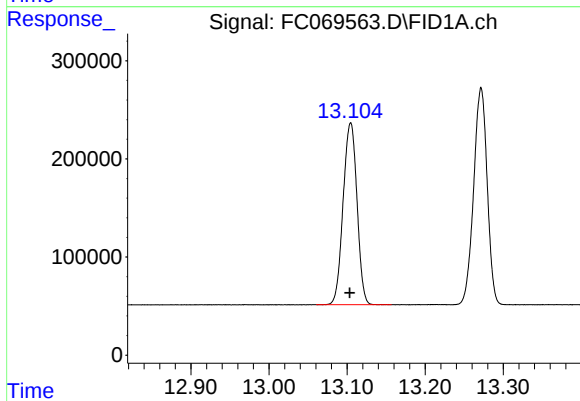
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.001 min
Response: 2742899
Conc: 20.82 ug/ml



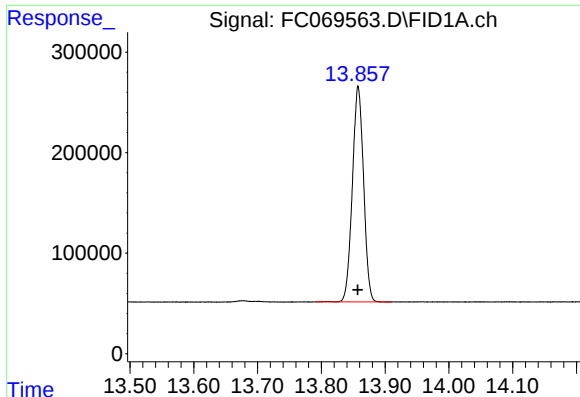
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.002 min
Response: 2664174
Conc: 20.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 2286929
Conc: 20.98 ug/ml



#13 n-Docosane (C22)

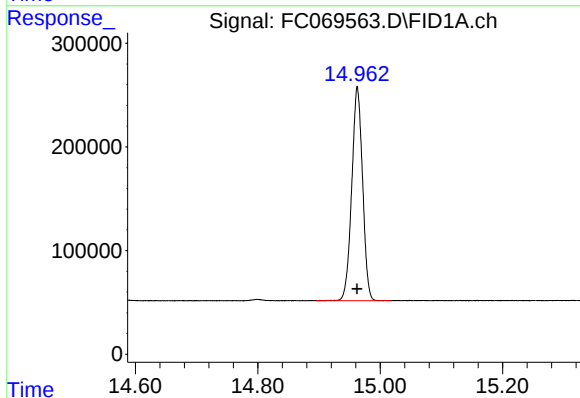
R.T.: 13.858 min
Delta R.T.: 0.000 min
Response: 2615907
Conc: 20.94 ug/ml

Instrument :

FID_C

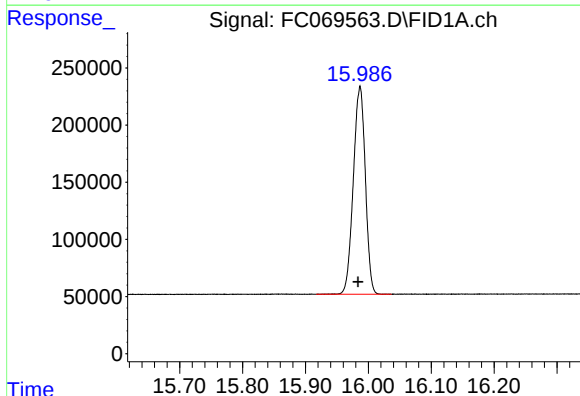
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



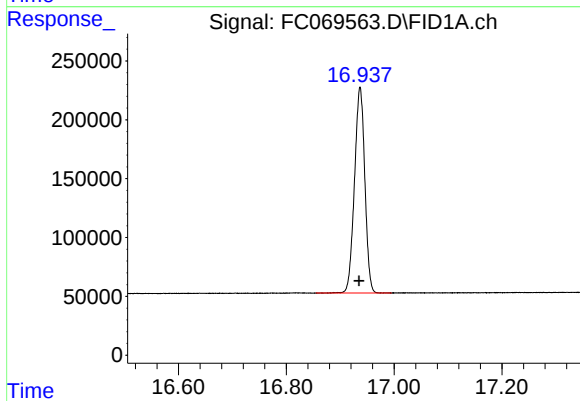
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: 0.000 min
Response: 2528973
Conc: 20.96 ug/ml



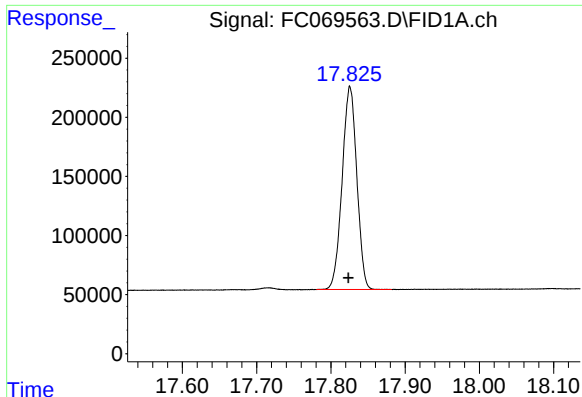
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: 0.003 min
Response: 2413151
Conc: 20.88 ug/ml



#16 n-Octacosane (C28)

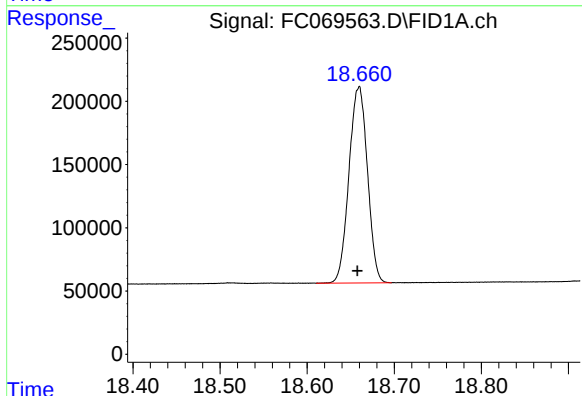
R.T.: 16.937 min
Delta R.T.: 0.002 min
Response: 2329648
Conc: 20.78 ug/ml



#17 n-Tricontane (C30)

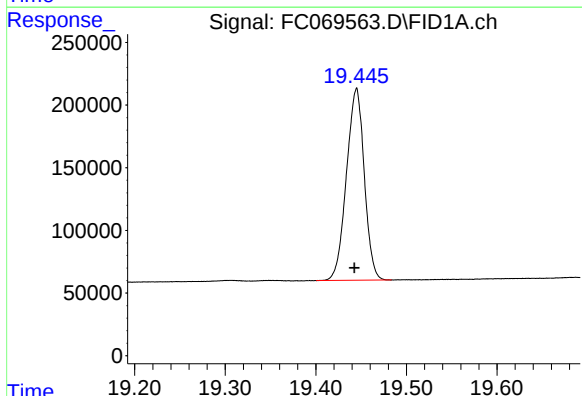
R.T.: 17.826 min
Delta R.T.: 0.002 min
Response: 2357945
Conc: 20.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



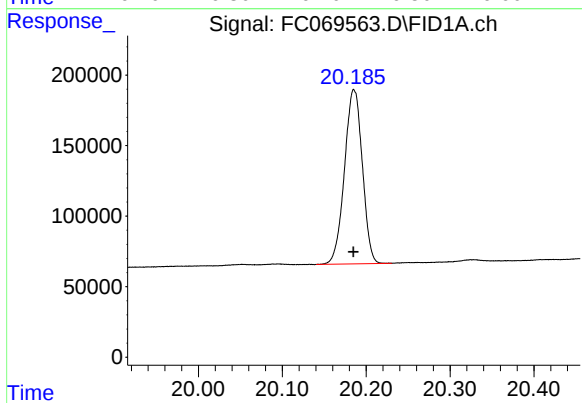
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: 0.002 min
Response: 2285649
Conc: 20.58 ug/ml



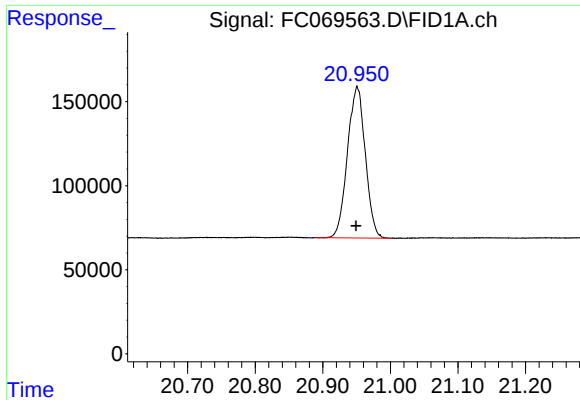
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min
Delta R.T.: 0.002 min
Response: 2091381
Conc: 20.54 ug/ml



#20 n-Hexatriacontane (C36)

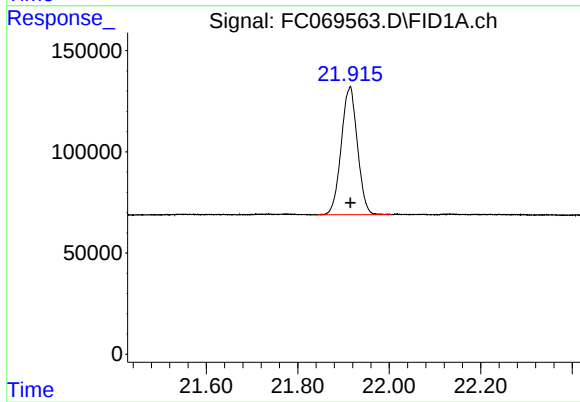
R.T.: 20.186 min
Delta R.T.: 0.000 min
Response: 1824700
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.951 min
Delta R.T.: 0.002 min
Response: 1652539
Conc: 20.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: -0.001 min
Response: 1550924
Conc: 20.71 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069563.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 14:28
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.400	3.365	3.450	BB	345533	2855286	90.40%	5.089%
2	4.473	4.442	4.520	BB	329590	2929618	92.75%	5.222%
3	6.069	6.030	6.144	BB	341017	3158669	100.00%	5.630%
4	6.498	6.467	6.539	BB	302521	2937597	93.00%	5.236%
5	7.129	7.080	7.220	BB	301277	3013832	95.41%	5.372%
6	8.298	8.232	8.369	BB	275150	2888977	91.46%	5.149%
7	9.902	9.862	9.974	BB	264575	2948651	93.35%	5.256%
8	11.346	11.310	11.405	BB	253768	2922239	92.51%	5.209%
9	11.669	11.627	11.727	BB	278698	3105191	98.31%	5.535%
10	12.658	12.590	12.695	BB	229882	2742899	86.84%	4.889%
11	13.104	13.060	13.157	BB	186071	2286929	72.40%	4.076%
12	13.271	13.212	13.322	BB	221820	2664174	84.34%	4.749%
13	13.858	13.792	13.910	BB	213600	2615907	82.82%	4.663%
14	14.963	14.895	15.019	BB	204760	2528973	80.06%	4.508%
15	15.987	15.917	16.037	BB	182485	2413151	76.40%	4.301%
16	16.937	16.855	16.995	BB	174956	2329648	73.75%	4.152%
17	17.826	17.780	17.882	BB	172096	2357945	74.65%	4.203%
18	18.659	18.610	18.697	BB	154350	2285649	72.36%	4.074%
19	19.445	19.400	19.484	BB	153912	2091381	66.21%	3.728%
20	20.186	20.140	20.230	BV	123578	1824700	57.77%	3.252%
21	20.951	20.890	21.002	BB	90222	1652539	52.32%	2.945%
22	21.914	21.840	22.005	BB	63034	1550924	49.10%	2.764%
Sum of corrected areas:						56104876		

Aliphatic EPH 080125.M Fri Aug 01 15:12:08 2025