

Initial Calibration Report for SequenceID : FC082725AL

AreaCount

Parameter Range	FC069754.D	FC069755.D	FC069756.D	FC069757.D	FC069758.D	
Aliphatic C9-C12	35531402.000	18489231.000	7590492.000	3883362.000	2058262.000	
Aliphatic C12-C16	24138319.000	12448483.000	5088945.000	2621413.000	1382290.000	
Aliphatic C16-C21	33495418.000	17149774.000	6982706.000	3597125.000	1897890.000	
Aliphatic C21-C28	38865982.000	19879867.000	8107649.000	4191362.000	2208721.000	
Aliphatic C28-C40	45035501.000	23338956.000	9624247.000	5076554.000	2686552.000	
Aliphatic EPH	177066622.000	91306311.000	37394039.000	19369816.000	10233715.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	126974.1226664	5.54				
Aliphatic C12-C16	128339.94	5.225				
Aliphatic C16-C21	117758.3639996	4.886				
Aliphatic C21-C28	102626.0005	5.052				
Aliphatic C28-C40	81443.7426664	7.036				
Aliphatic EPH	105002.4332216	5.643				

Concentration

Parameter Range	FC069754.D	FC069755.D	FC069756.D	FC069757.D	FC069758.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	FC069754.D	FC069755.D	FC069756.D	FC069757.D	FC069758.D	
Aliphatic C9-C12	118438.006666	123261.540000	126508.200000	129445.400000	137217.466666	
Aliphatic C12-C16	120691.595000	124484.830000	127223.625000	131070.650000	138229.000000	
Aliphatic C16-C21	111651.393333	114331.826666	116378.433333	119904.166666	126526.000000	

Initial Calibration Report for SequenceID : FC082725AL

Aliphatic C21-C28	97164.955000	99399.335000	101345.612500	104784.050000	110436.050000	
Aliphatic C28-C40	75059.168333	77796.520000	80202.058333	84609.233333	89551.733333	
Aliphatic EPH	98370.345555	101451.456666	103872.330555	107610.088888	113707.944444	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069754.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 08:47
 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 27 11:09:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 11:07:55 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)	11.670	12262642	97.875 ug/ml
Spiked Amount 50.000		Recovery =	195.75%
12) S 1-chlorooctadecane (S...	13.104	9191788	98.484 ug/ml
Spiked Amount 50.000		Recovery =	196.97%
Target Compounds			
1) T n-Nonane (C9)	3.400	11609744	96.310 ug/ml
2) T n-Decane (C10)	4.473	11868102	96.620 ug/ml
3) T A~Naphthalene (C11.7)	6.068	12562523	96.721 ug/ml
4) T n-Dodecane (C12)	6.498	12053556	97.174 ug/ml
5) T A~2-methylnaphthalene...	7.128	12111784	97.546 ug/ml
6) T n-Tetradecane (C14)	8.297	11970742	97.234 ug/ml
7) T n-Hexadecane (C16)	9.902	12167577	97.494 ug/ml
8) T n-Octadecane (C18)	11.348	11880048	97.889 ug/ml
10) T n-Eicosane (C20)	12.658	10995483	97.890 ug/ml
11) T n-Heneicosane (C21)	13.271	10619887	98.008 ug/ml
13) T n-Docosane (C22)	13.858	10359682	98.010 ug/ml
14) T n-Tetracosane (C24)	14.962	9958197	98.059 ug/ml
15) T n-Hexacosane (C26)	15.985	9491655	97.898 ug/ml
16) T n-Octacosane (C28)	16.936	9056448	97.578 ug/ml
17) T n-Tricontane (C30)	17.825	8941551	97.222 ug/ml
18) T n-Dotriacontane (C32)	18.658	8542354	96.763 ug/ml
19) T n-Tetratriacontane (C34)	19.443	7915865	96.615 ug/ml
20) T n-Hexatriacontane (C36)	20.183	7035635	96.679 ug/ml
21) T n-Octatriacontane (C38)	20.949	6498707	96.555 ug/ml
22) T n-Tetracontane (C40)	21.908	6101389	96.053 ug/ml

(f)=RT Delta > 1/2 Window

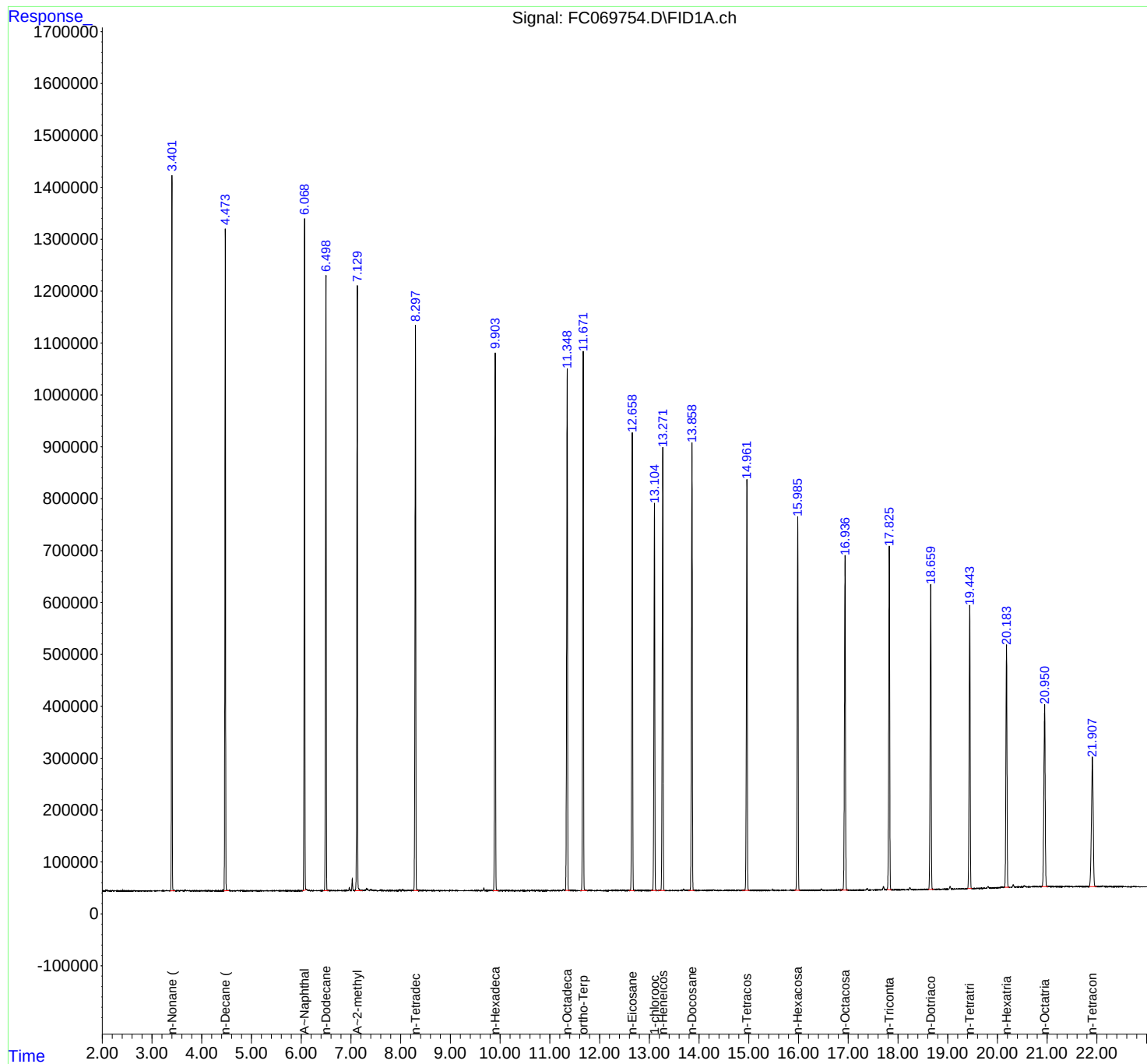
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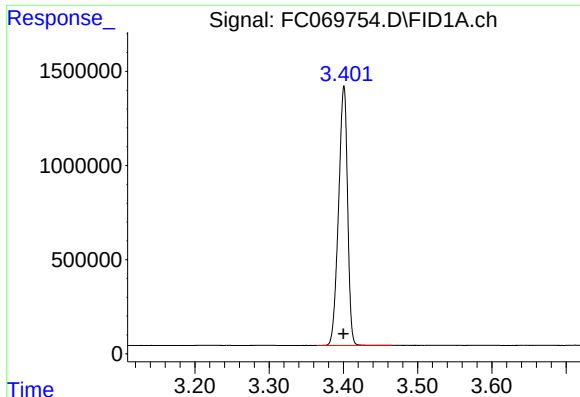
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
Data File : FC069754.D
Signal(s) : FID1A.ch
Acq On : 27 Aug 2025 08:47
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Aug 27 11:09:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
Quant Title : GC Extractables
QLast Update : Wed Aug 27 11:07:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

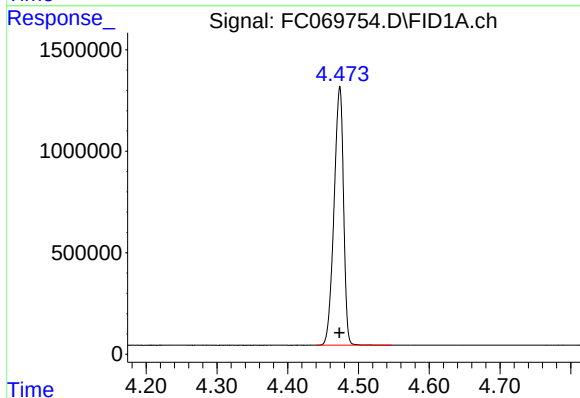




#1 n-Nonane (C9)

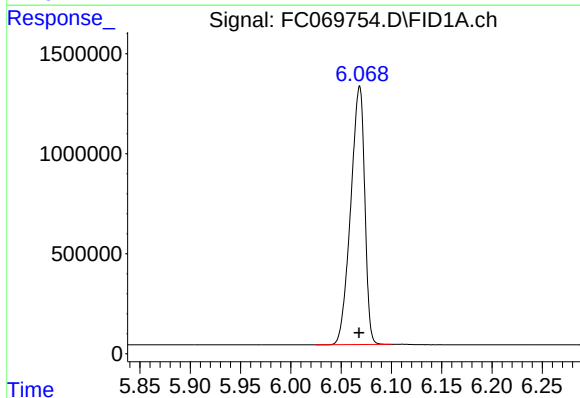
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 11609744
Conc: 96.31 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



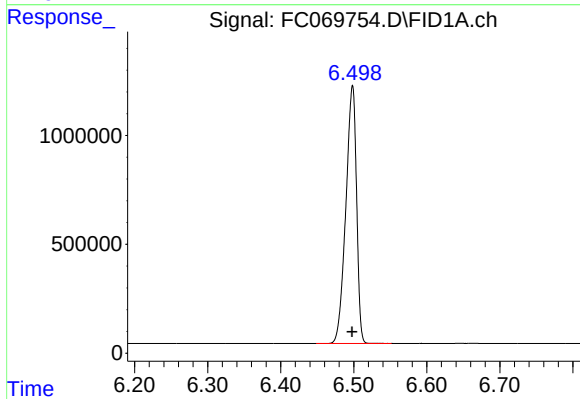
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 11868102
Conc: 96.62 ug/ml



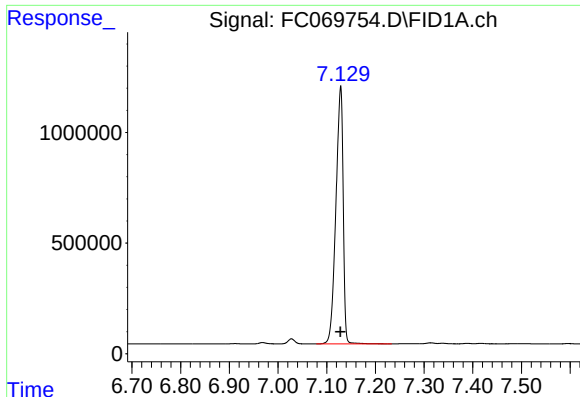
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 12562523
Conc: 96.72 ug/ml



#4 n-Dodecane (C12)

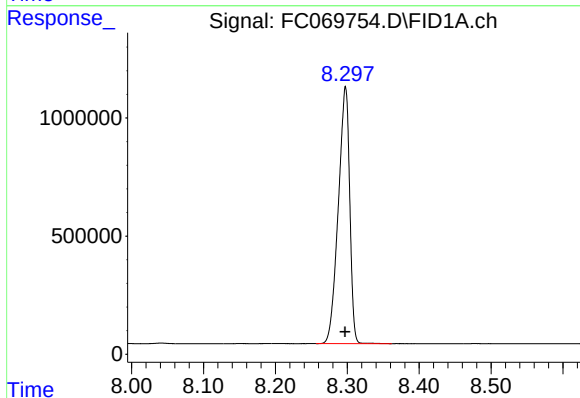
R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 12053556
Conc: 97.17 ug/ml



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

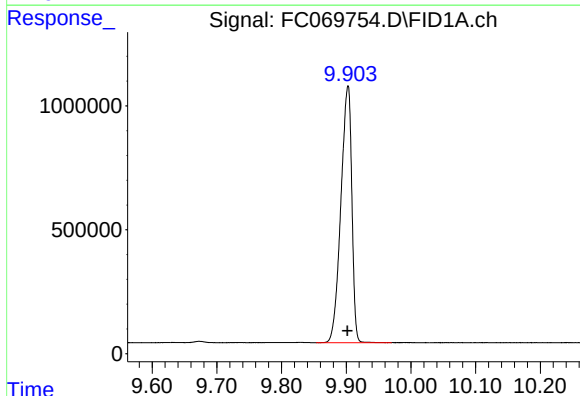
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 12111784
Conc: 97.55 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



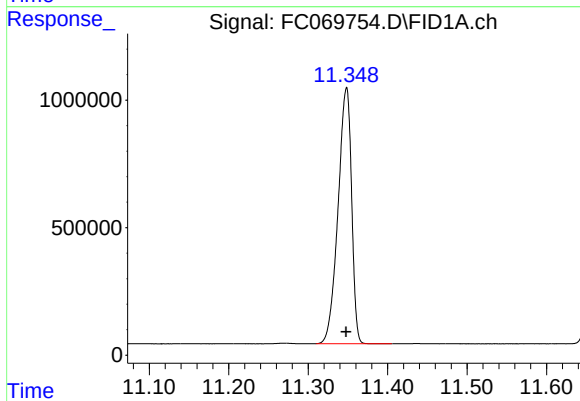
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 11970742
Conc: 97.23 ug/ml



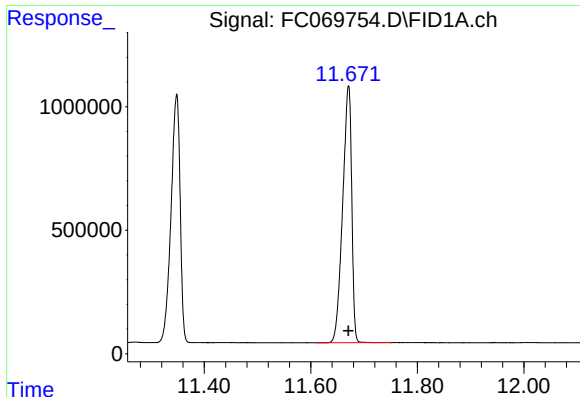
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 12167577
Conc: 97.49 ug/ml



#8 n-Octadecane (C18)

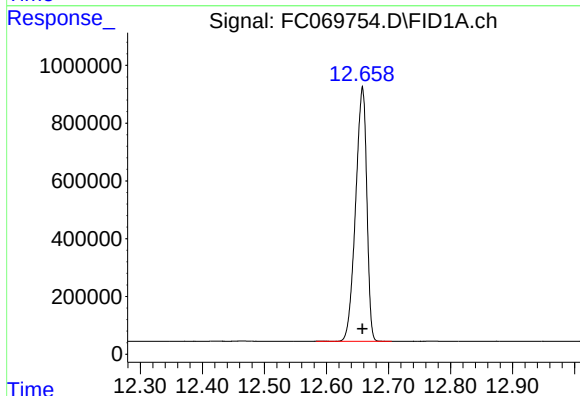
R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 11880048
Conc: 97.89 ug/ml



#9 ortho-Terphenyl (SURR)

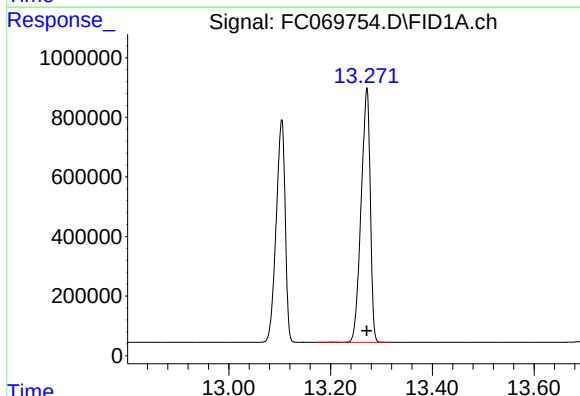
R.T.: 11.670 min
Delta R.T.: 0.000 min
Response: 12262642
Conc: 97.88 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



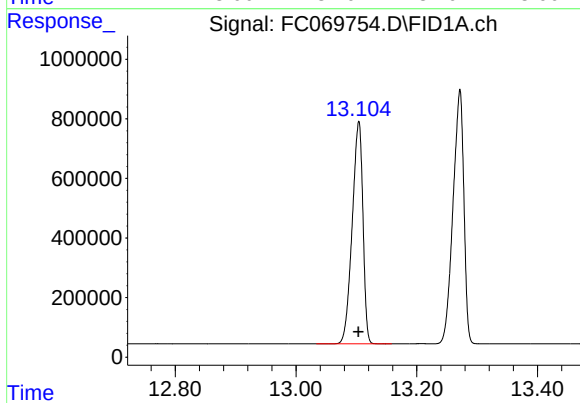
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 10995483
Conc: 97.89 ug/ml



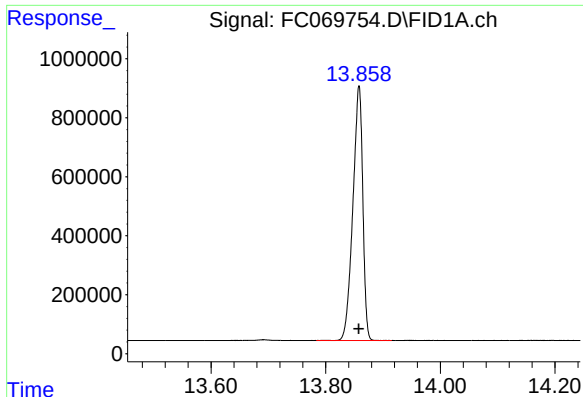
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.000 min
Response: 10619887
Conc: 98.01 ug/ml



#12 1-chlorooctadecane (SURR)

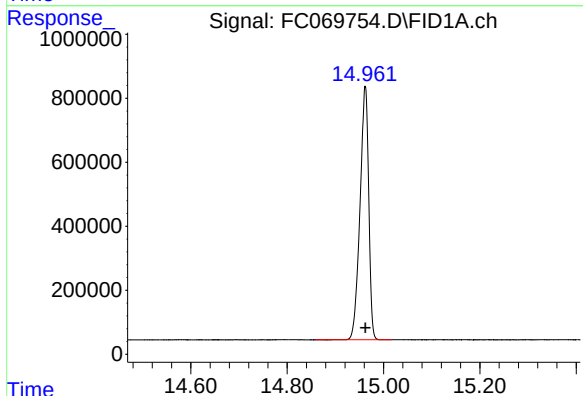
R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 9191788
Conc: 98.48 ug/ml



#13 n-Docosane (C22)

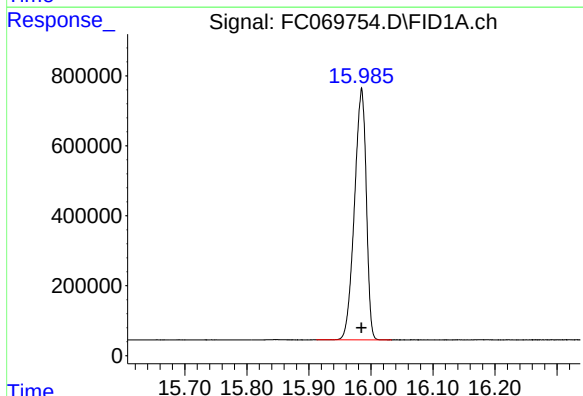
R.T.: 13.858 min
Delta R.T.: 0.000 min
Response: 10359682
Conc: 98.01 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



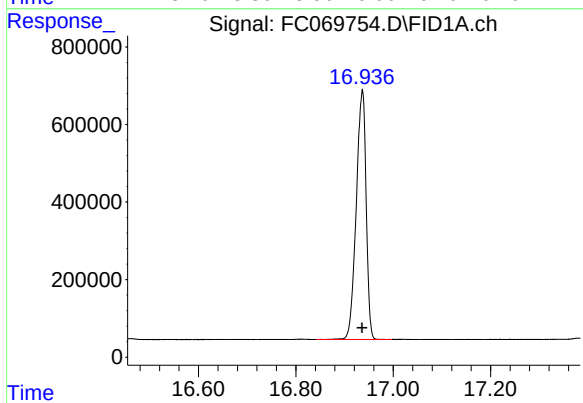
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: 0.000 min
Response: 9958197
Conc: 98.06 ug/ml



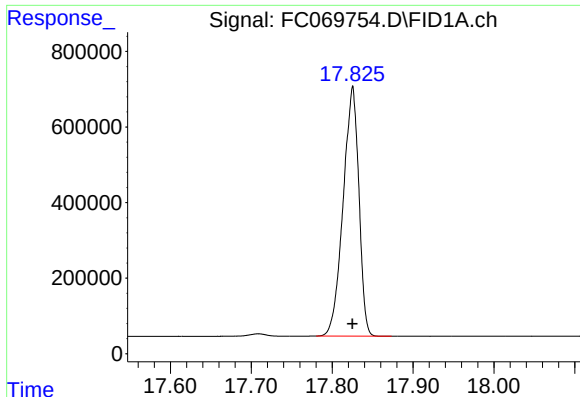
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.000 min
Response: 9491655
Conc: 97.90 ug/ml



#16 n-Octacosane (C28)

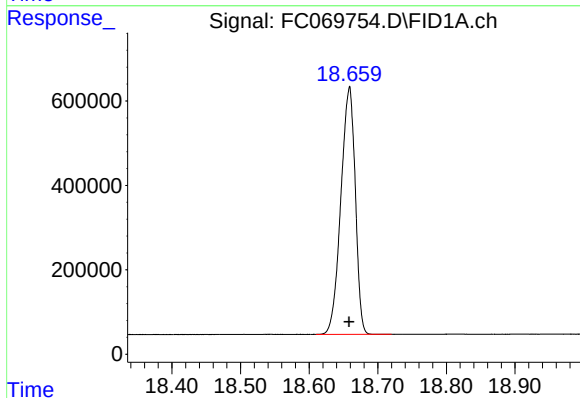
R.T.: 16.936 min
Delta R.T.: 0.000 min
Response: 9056448
Conc: 97.58 ug/ml



#17 n-Tricontane (C30)

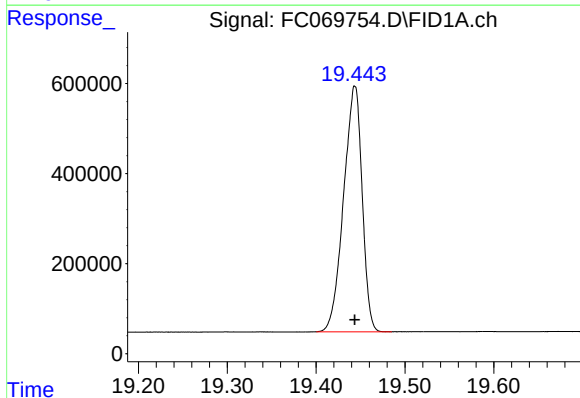
R.T.: 17.825 min
Delta R.T.: 0.000 min
Response: 8941551
Conc: 97.22 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



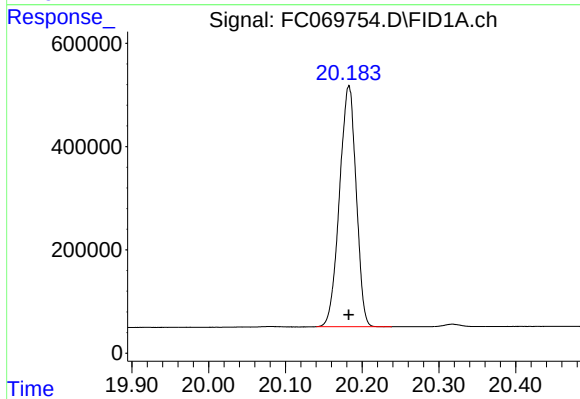
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.000 min
Response: 8542354
Conc: 96.76 ug/ml



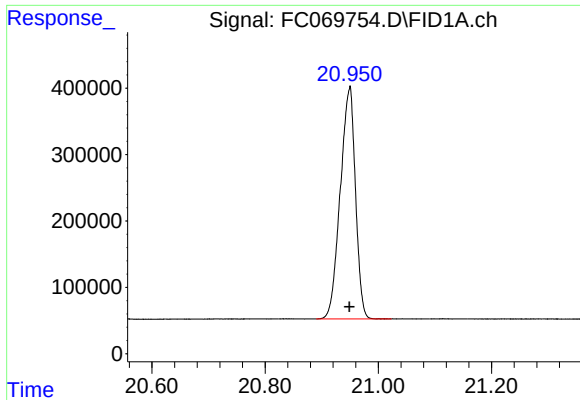
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: 0.000 min
Response: 7915865
Conc: 96.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.183 min
Delta R.T.: 0.000 min
Response: 7035635
Conc: 96.68 ug/ml



#21 n-Octatriacontane (C38)

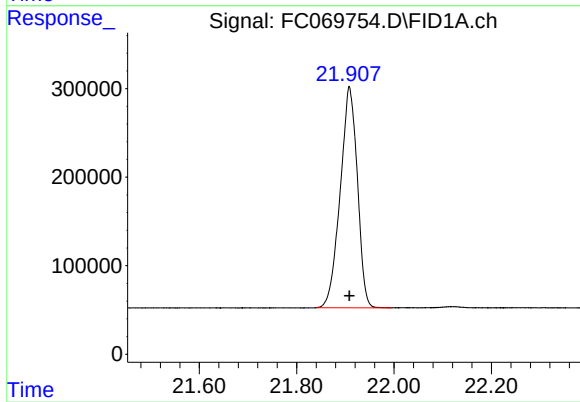
R.T.: 20.949 min
Delta R.T.: 0.000 min
Response: 6498707
Conc: 96.56 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: 0.000 min
Response: 6101389
Conc: 96.05 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069754.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 08:47
 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 082725.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	3.363	3.465	BB	1373506	11609744	92.42%	5.202%
2	4.473	4.440	4.547	BB	1276199	11868102	94.47%	5.317%
3	6.068	6.025	6.100	BV	1301444	12562523	100.00%	5.628%
4	6.498	6.448	6.552	BB	1191915	12053556	95.95%	5.400%
5	7.128	7.078	7.233	BB	1167143	12111784	96.41%	5.427%
6	8.297	8.257	8.362	BB	1088224	11970742	95.29%	5.363%
7	9.902	9.853	9.970	BB	1031188	12167577	96.86%	5.452%
8	11.348	11.310	11.405	BB	1008941	11880048	94.57%	5.323%
9	11.670	11.610	11.752	BB	1039837	12262642	97.61%	5.494%
10	12.658	12.583	12.705	BB	883720	10995483	87.53%	4.926%
11	13.104	13.033	13.158	BB	746874	9191788	73.17%	4.118%
12	13.271	13.172	13.320	BB	858707	10619887	84.54%	4.758%
13	13.858	13.783	13.915	BB	867150	10359682	82.46%	4.642%
14	14.962	14.860	15.017	BB	794470	9958197	79.27%	4.462%
15	15.985	15.912	16.033	BB	721342	9491655	75.56%	4.253%
16	16.936	16.842	16.997	BB	646419	9056448	72.09%	4.058%
17	17.825	17.780	17.873	BB	661493	8941551	71.18%	4.006%
18	18.658	18.610	18.720	BB	585697	8542354	68.00%	3.827%
19	19.443	19.400	19.485	BB	546786	7915865	63.01%	3.547%
20	20.183	20.140	20.238	BB	465942	7035635	56.00%	3.152%
21	20.949	20.890	21.023	BB	346683	6498707	51.73%	2.912%
22	21.908	21.840	21.995	BB	249499	6101389	48.57%	2.734%
Sum of corrected areas:						223195359		

Aliphatic EPH 082725.M Wed Aug 27 12:14:26 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069755.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 09:29
 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 27 11:12:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 11:07:55 2025
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 Integrator: ChemStation

Volume Inj. : 1 ul
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Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
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Spiked Amount 50.000		Recovery =	100.25%
12) S 1-chlorooctadecane (S...	13.099	4680831	50.101 ug/ml
Spiked Amount 50.000		Recovery =	100.20%
Target Compounds			
1) T n-Nonane (C9)	3.398	6060981	50.186 ug/ml
2) T n-Decane (C10)	4.470	6181181	50.214 ug/ml
3) T A~Naphthalene (C11.7)	6.064	6543987	50.255 ug/ml
4) T n-Dodecane (C12)	6.494	6247069	50.241 ug/ml
5) T A~2-methylnaphthalene...	7.123	6245926	50.202 ug/ml
6) T n-Tetradecane (C14)	8.293	6187184	50.171 ug/ml
7) T n-Hexadecane (C16)	9.897	6261299	50.113 ug/ml
8) T n-Octadecane (C18)	11.342	6097108	50.159 ug/ml
10) T n-Eicosane (C20)	12.653	5627630	50.068 ug/ml
11) T n-Heneicosane (C21)	13.265	5425036	50.044 ug/ml
13) T n-Docosane (C22)	13.853	5297854	50.081 ug/ml
14) T n-Tetracosane (C24)	14.958	5084446	50.045 ug/ml
15) T n-Hexacosane (C26)	15.980	4853562	50.040 ug/ml
16) T n-Octacosane (C28)	16.930	4644005	50.024 ug/ml
17) T n-Tricontane (C30)	17.821	4598262	49.998 ug/ml
18) T n-Dotriacontane (C32)	18.653	4414394	50.003 ug/ml
19) T n-Tetratriacontane (C34)	19.438	4100779	50.034 ug/ml
20) T n-Hexatriacontane (C36)	20.180	3646224	50.069 ug/ml
21) T n-Octatriacontane (C38)	20.946	3378956	50.135 ug/ml
22) T n-Tetracontane (C40)	21.905	3200341	50.254 ug/ml

(f)=RT Delta > 1/2 Window

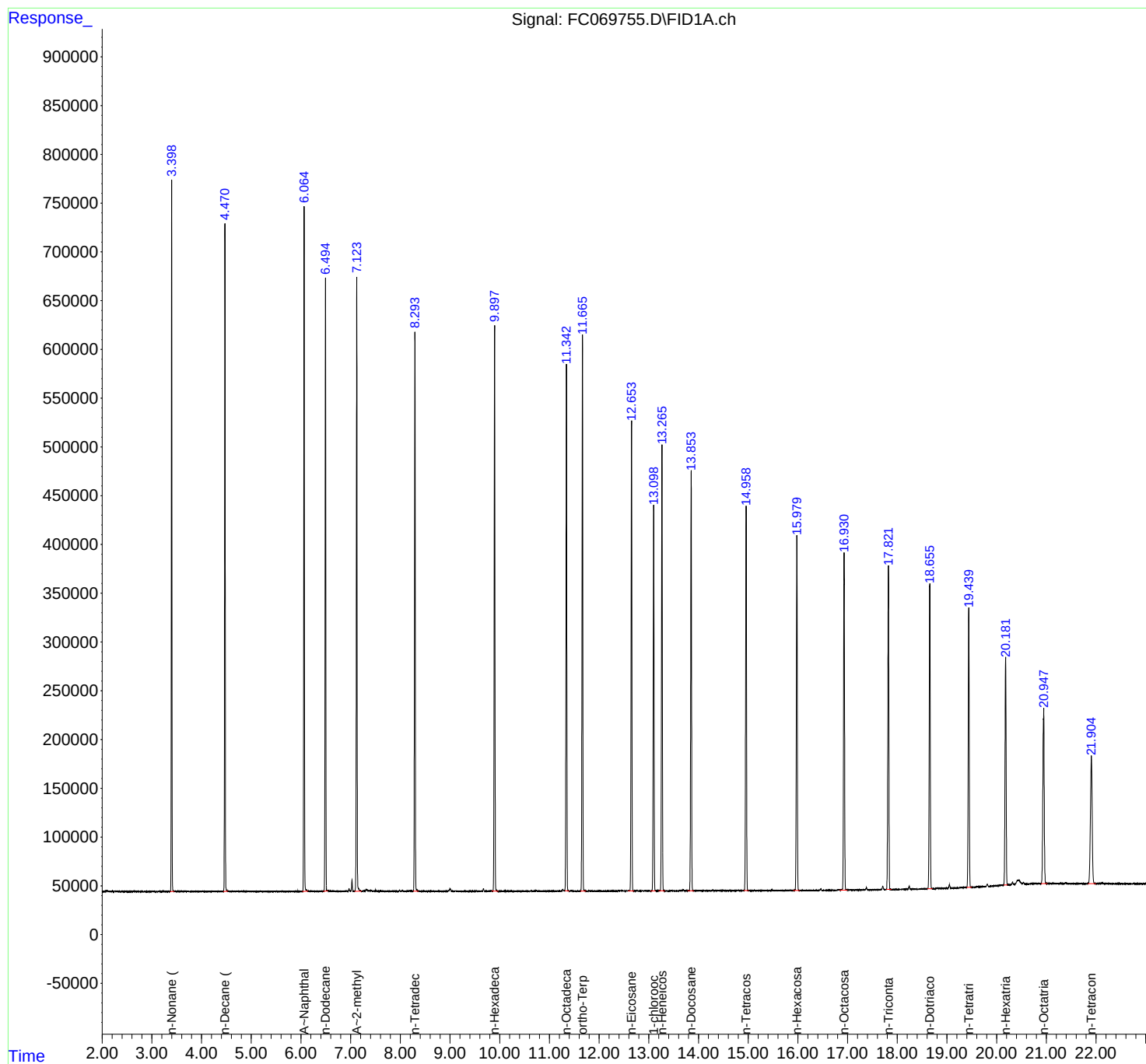
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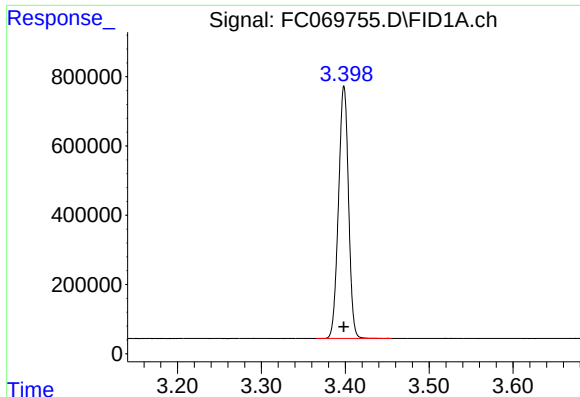
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
Data File : FC069755.D
Signal(s) : FID1A.ch
Acq On : 27 Aug 2025 09:29
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Aug 27 11:12:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
Quant Title : GC Extractables
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

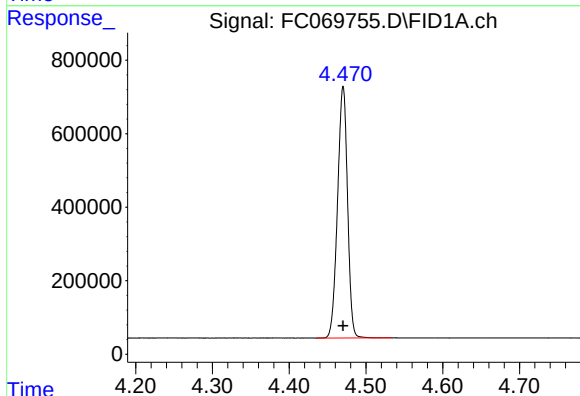




#1 n-Nonane (C9)

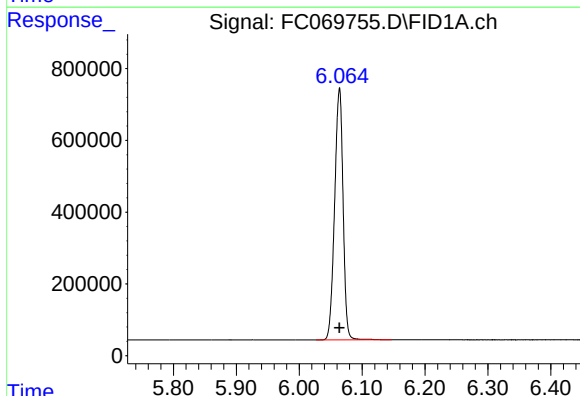
R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 6060981
Conc: 50.19 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



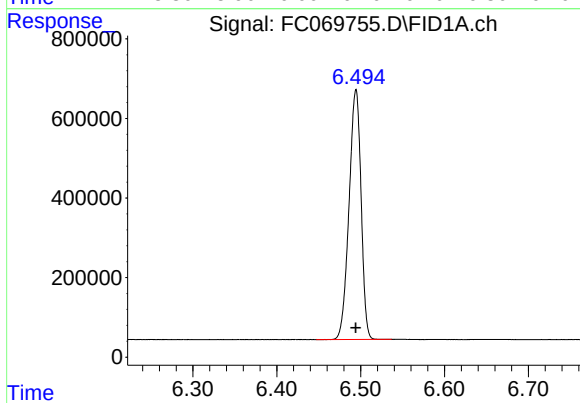
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 6181181
Conc: 50.21 ug/ml



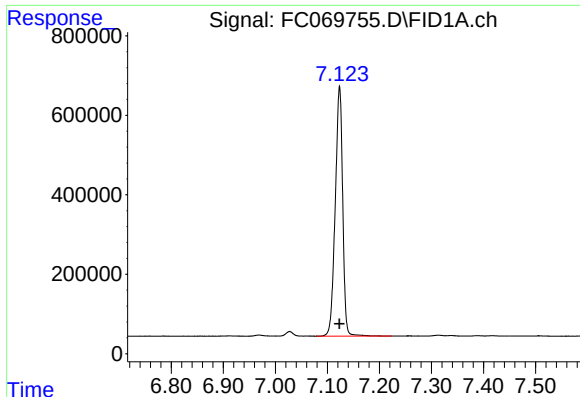
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 6543987
Conc: 50.25 ug/ml



#4 n-Dodecane (C12)

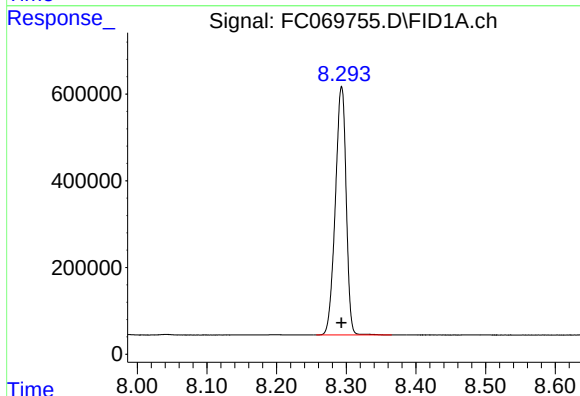
R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 6247069
Conc: 50.24 ug/ml



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

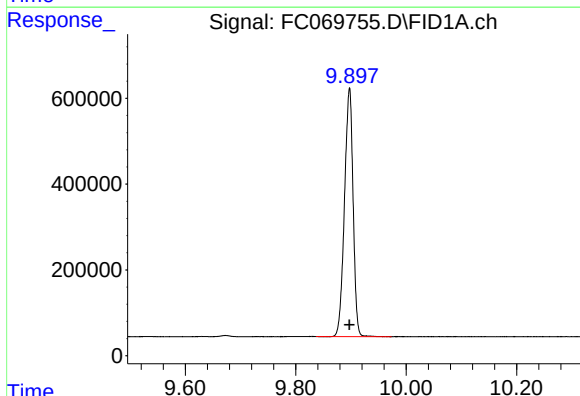
R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 6245926
Conc: 50.20 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



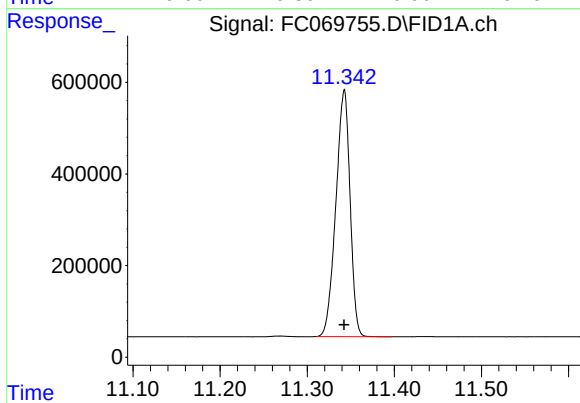
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 6187184
Conc: 50.17 ug/ml



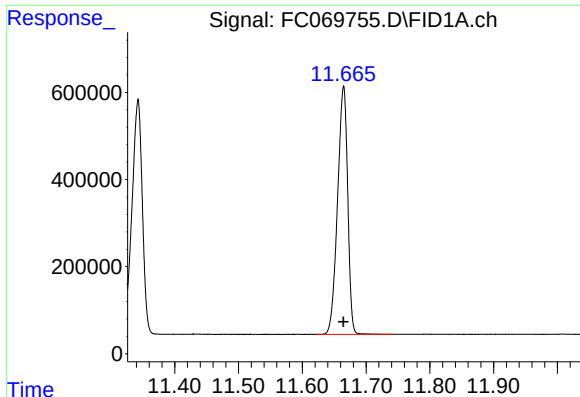
#7 n-Hexadecane (C16)

R.T.: 9.897 min
Delta R.T.: 0.000 min
Response: 6261299
Conc: 50.11 ug/ml



#8 n-Octadecane (C18)

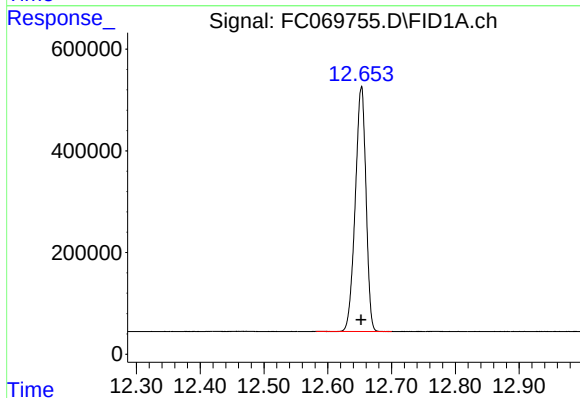
R.T.: 11.342 min
Delta R.T.: 0.000 min
Response: 6097108
Conc: 50.16 ug/ml



#9 ortho-Terphenyl (SURR)

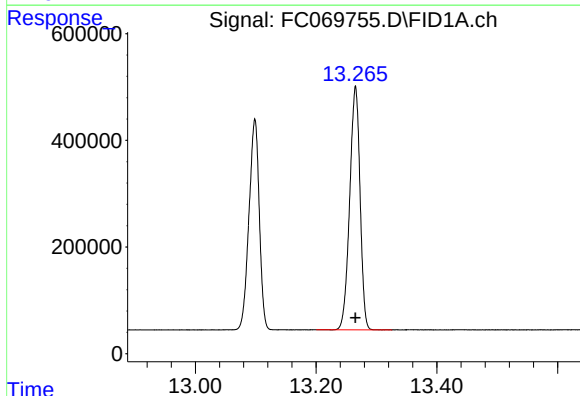
R.T.: 11.665 min
Delta R.T.: 0.000 min
Response: 6287987
Conc: 50.13 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



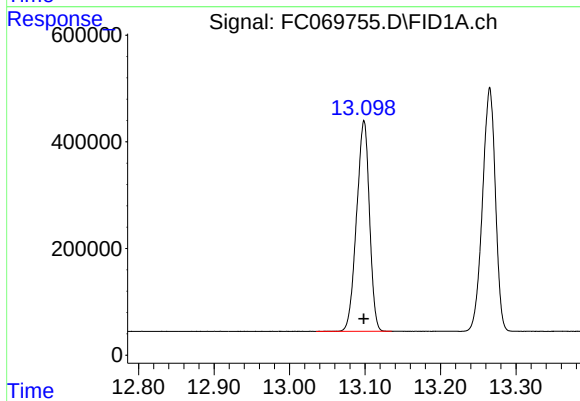
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: 0.000 min
Response: 5627630
Conc: 50.07 ug/ml



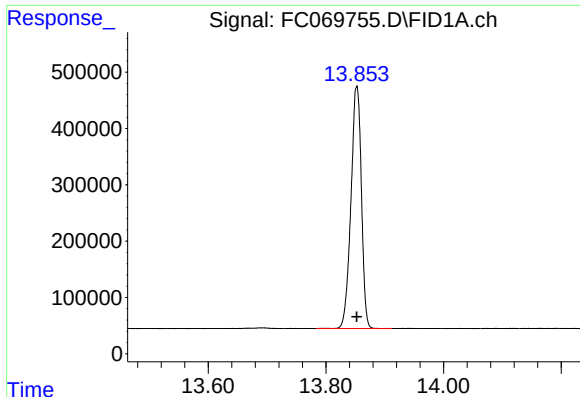
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: 0.000 min
Response: 5425036
Conc: 50.04 ug/ml



#12 1-chlorooctadecane (SURR)

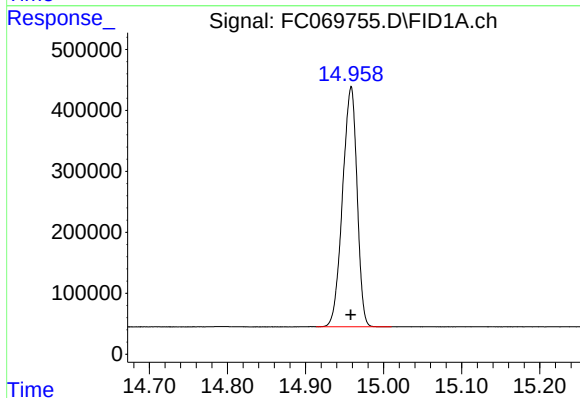
R.T.: 13.099 min
Delta R.T.: 0.000 min
Response: 4680831
Conc: 50.10 ug/ml



#13 n-Docosane (C22)

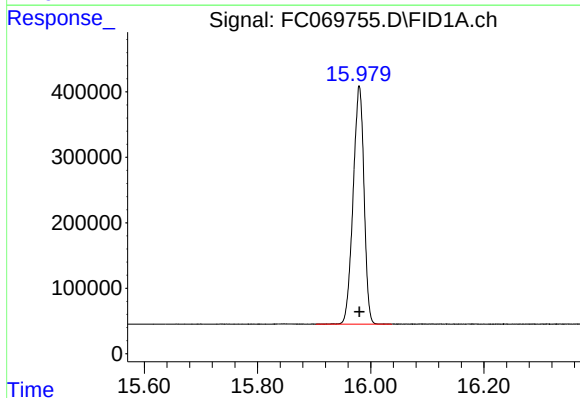
R.T.: 13.853 min
Delta R.T.: 0.000 min
Response: 5297854
Conc: 50.08 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



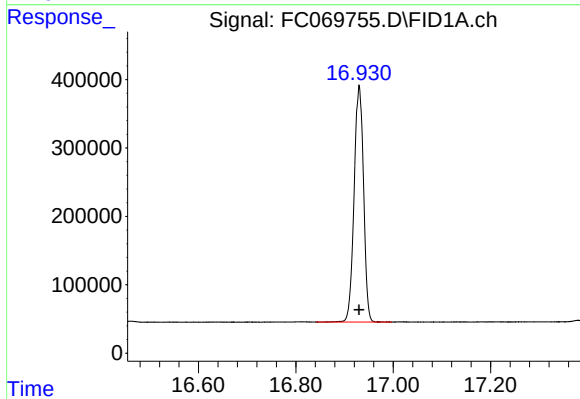
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: 0.000 min
Response: 5084446
Conc: 50.04 ug/ml



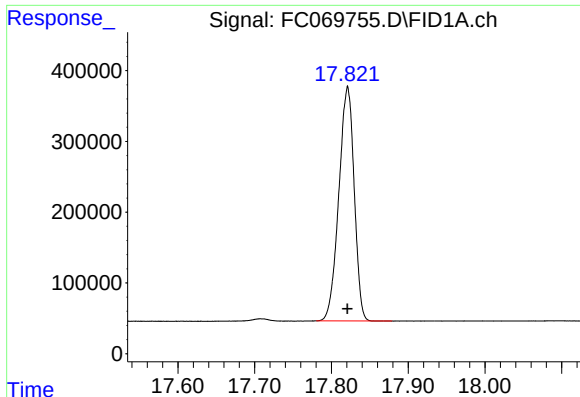
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: 0.000 min
Response: 4853562
Conc: 50.04 ug/ml



#16 n-Octacosane (C28)

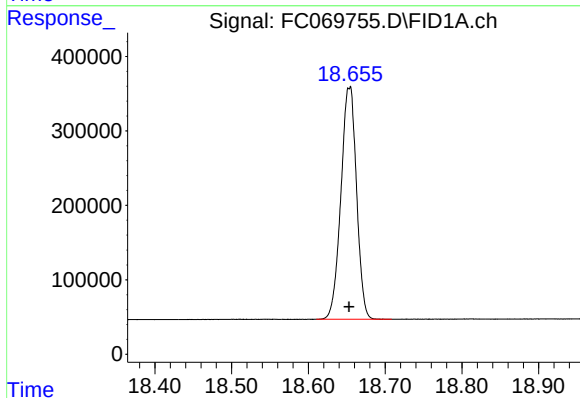
R.T.: 16.930 min
Delta R.T.: 0.000 min
Response: 4644005
Conc: 50.02 ug/ml



#17 n-Tricontane (C30)

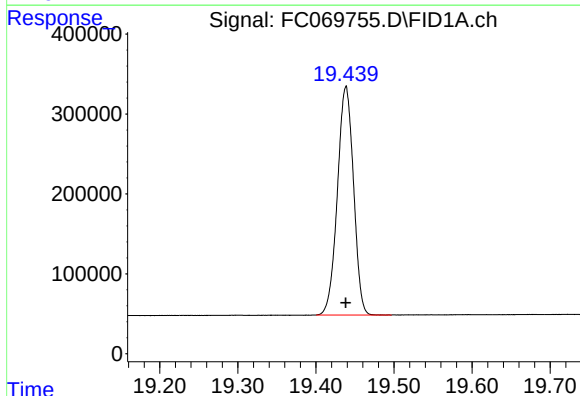
R.T.: 17.821 min
Delta R.T.: 0.000 min
Response: 4598262
Conc: 50.00 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



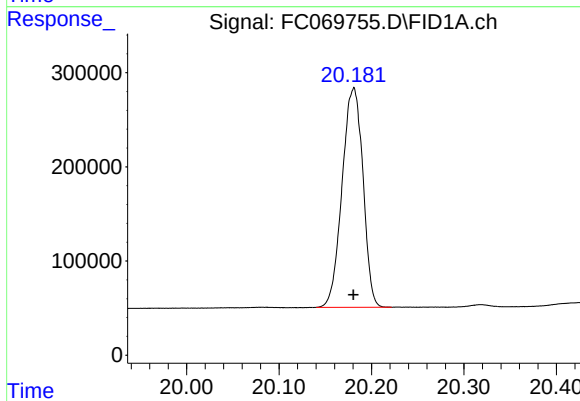
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: 0.000 min
Response: 4414394
Conc: 50.00 ug/ml



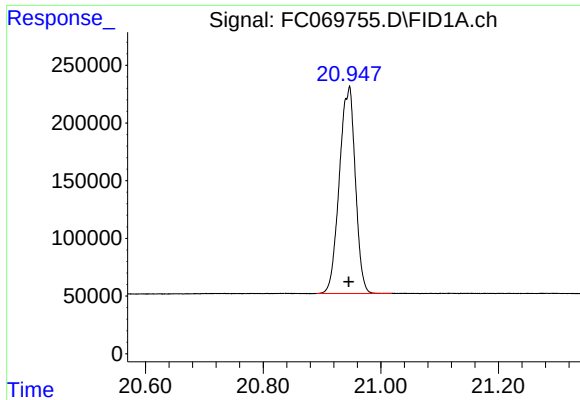
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: 0.000 min
Response: 4100779
Conc: 50.03 ug/ml



#20 n-Hexatriacontane (C36)

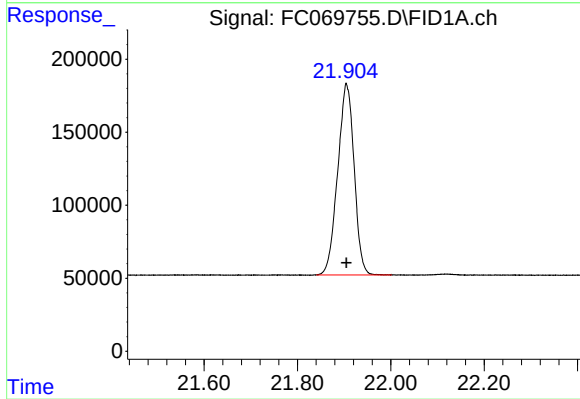
R.T.: 20.180 min
Delta R.T.: 0.000 min
Response: 3646224
Conc: 50.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: 0.000 min
Response: 3378956
Conc: 50.14 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.905 min
Delta R.T.: 0.000 min
Response: 3200341
Conc: 50.25 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069755.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 09:29
 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 082725.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	3.398	3.365	3.455	BB	730257	6060981	92.62%	5.267%
2	4.470	4.435	4.534	BB	686211	6181181	94.46%	5.372%
3	6.064	6.027	6.147	BB	699188	6543987	100.00%	5.687%
4	6.494	6.447	6.537	BB	625762	6247069	95.46%	5.429%
5	7.123	7.079	7.224	BB	631129	6245926	95.45%	5.428%
6	8.293	8.257	8.365	BB	573946	6187184	94.55%	5.377%
7	9.897	9.837	9.974	BB	579476	6261299	95.68%	5.442%
8	11.342	11.310	11.397	BB	536109	6097108	93.17%	5.299%
9	11.665	11.622	11.740	BB	573272	6287987	96.09%	5.465%
10	12.653	12.582	12.700	BB	479908	5627630	86.00%	4.891%
11	13.099	13.035	13.135	BB	395867	4680831	71.53%	4.068%
12	13.265	13.200	13.325	BB	457753	5425036	82.90%	4.715%
13	13.853	13.784	13.912	BB	429759	5297854	80.96%	4.604%
14	14.958	14.914	15.010	BB	395222	5084446	77.70%	4.419%
15	15.980	15.904	16.037	BB	363909	4853562	74.17%	4.218%
16	16.930	16.842	16.997	BB	346197	4644005	70.97%	4.036%
17	17.821	17.780	17.879	BB	329587	4598262	70.27%	3.996%
18	18.653	18.610	18.709	BB	309861	4414394	67.46%	3.836%
19	19.438	19.400	19.497	BB	286411	4100779	62.66%	3.564%
20	20.180	20.140	20.222	BB	232300	3646224	55.72%	3.169%
21	20.946	20.890	21.019	BB	176818	3378956	51.63%	2.937%
22	21.905	21.840	22.002	BB	130731	3200341	48.91%	2.781%
Sum of corrected areas:						115065043		

Aliphatic EPH 082725.M Wed Aug 27 12:15:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069756.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 10:12
 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 27 11:08:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 11:07:55 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)	11.660	2559018	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.096	1894959	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.397	2499891	20.000 ug/ml
2) T n-Decane (C10)	4.468	2539667	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2682868	20.000 ug/ml
4) T n-Dodecane (C12)	6.492	2550934	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.121	2544260	20.000 ug/ml
6) T n-Tetradecane (C14)	8.290	2530351	20.000 ug/ml
7) T n-Hexadecane (C16)	9.894	2558594	20.000 ug/ml
8) T n-Octadecane (C18)	11.338	2478487	20.000 ug/ml
10) T n-Eicosane (C20)	12.649	2293897	20.000 ug/ml
11) T n-Heneicosane (C21)	13.264	2210322	20.000 ug/ml
13) T n-Docosane (C22)	13.850	2156093	20.000 ug/ml
14) T n-Tetracosane (C24)	14.955	2070490	20.000 ug/ml
15) T n-Hexacosane (C26)	15.977	1979860	20.000 ug/ml
16) T n-Octacosane (C28)	16.928	1901206	20.000 ug/ml
17) T n-Tricontane (C30)	17.817	1890511	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.652	1822762	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.436	1694111	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.178	1503803	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.942	1392489	20.000 ug/ml
22) T n-Tetracontane (C40)	21.903	1320571	20.000 ug/ml

(f)=RT Delta > 1/2 Window

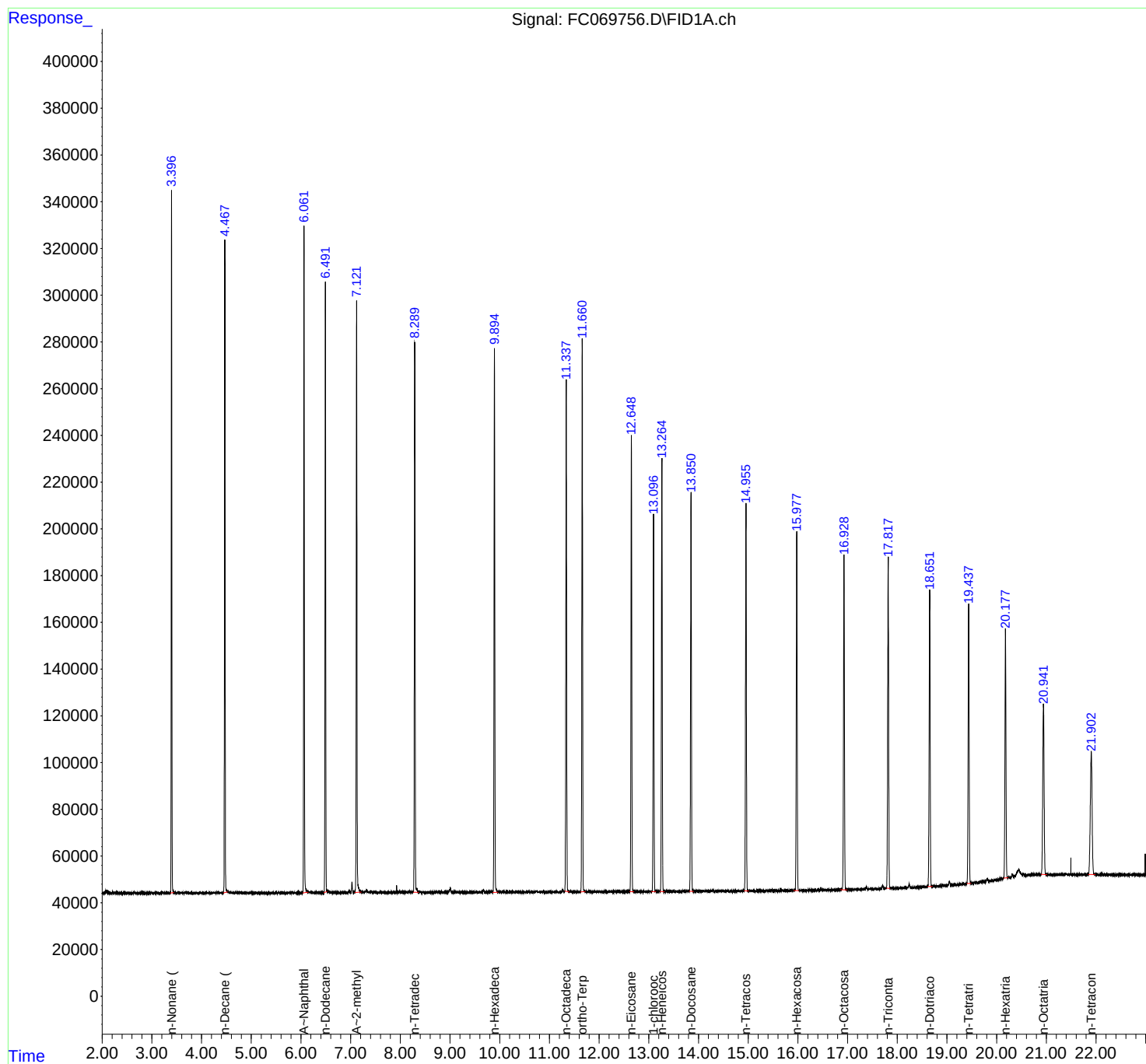
(m)=manual int.

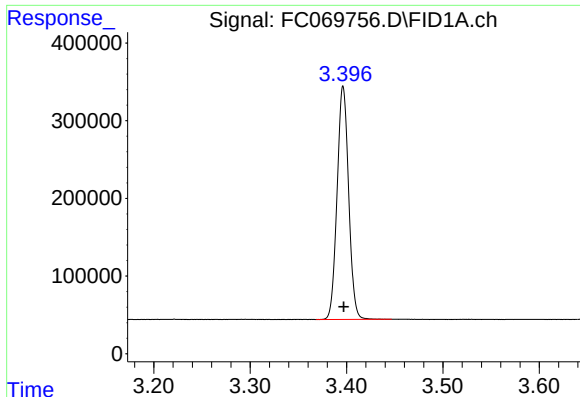
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
Data File : FC069756.D
Signal(s) : FID1A.ch
Acq On : 27 Aug 2025 10:12
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Aug 27 11:08:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
Quant Title : GC Extractables
QLast Update : Wed Aug 27 11:07:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

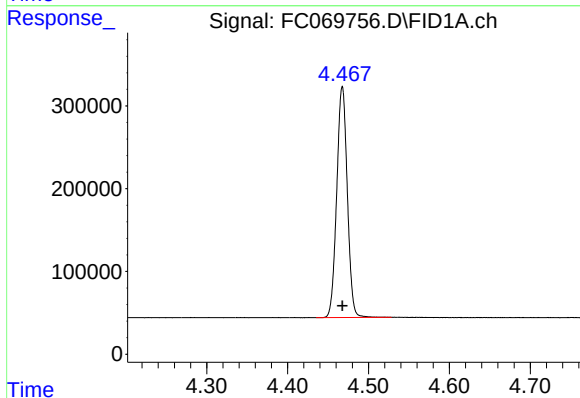




#1 n-Nonane (C9)

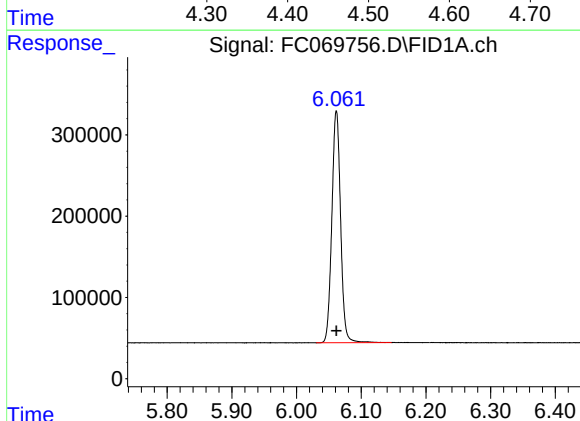
R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 2499891
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



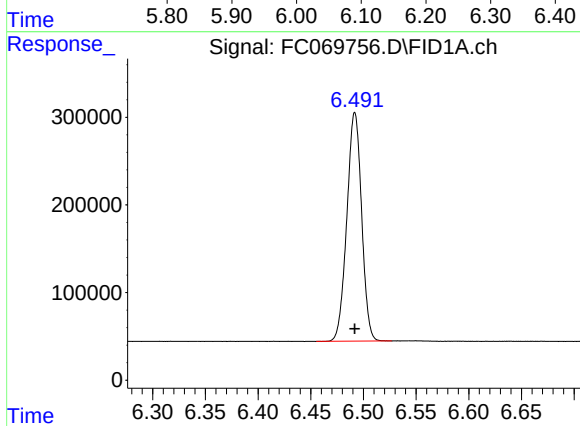
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 2539667
Conc: 20.00 ug/ml



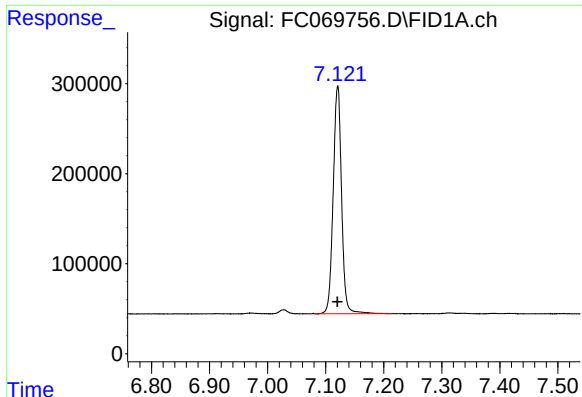
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 2682868
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

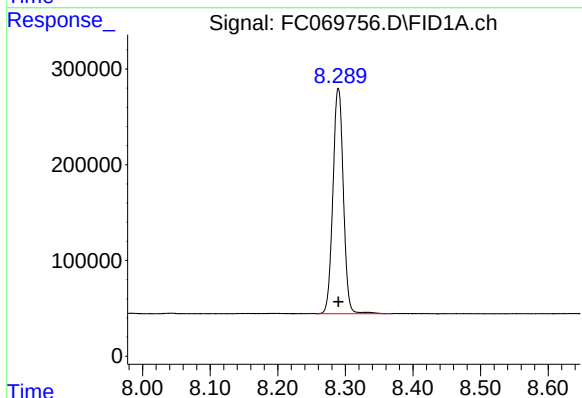
R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 2550934
Conc: 20.00 ug/ml



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

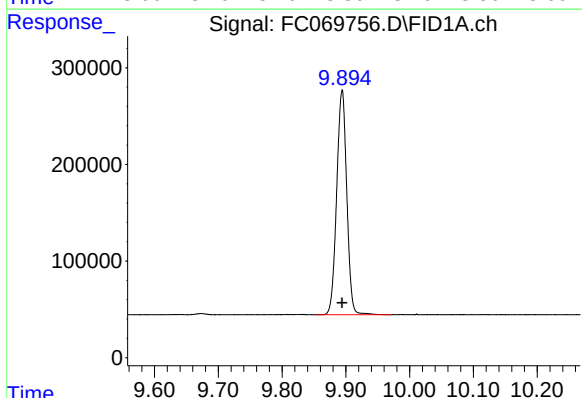
R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 2544260
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



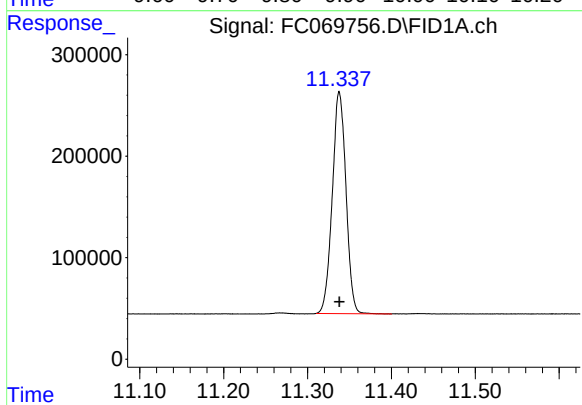
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 2530351
Conc: 20.00 ug/ml



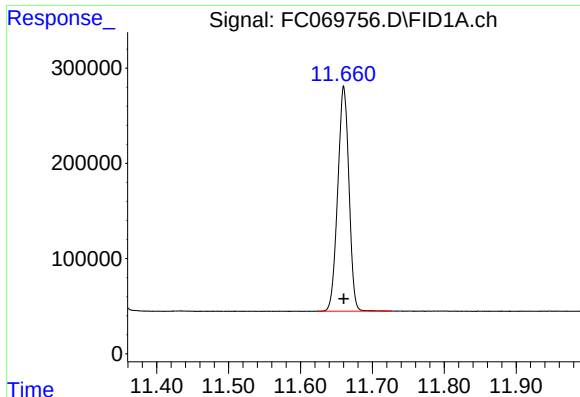
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 2558594
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

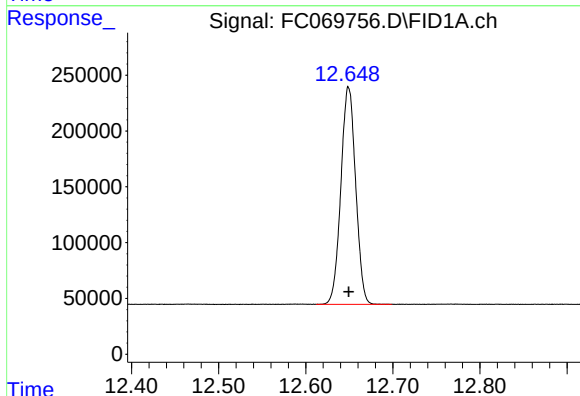
R.T.: 11.338 min
Delta R.T.: 0.000 min
Response: 2478487
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

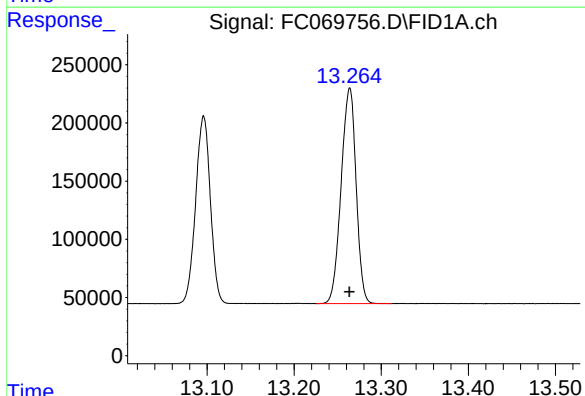
R.T.: 11.660 min
Delta R.T.: 0.000 min
Response: 2559018
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



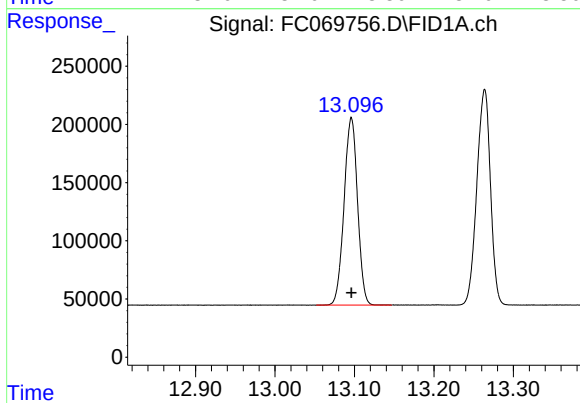
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: 0.000 min
Response: 2293897
Conc: 20.00 ug/ml



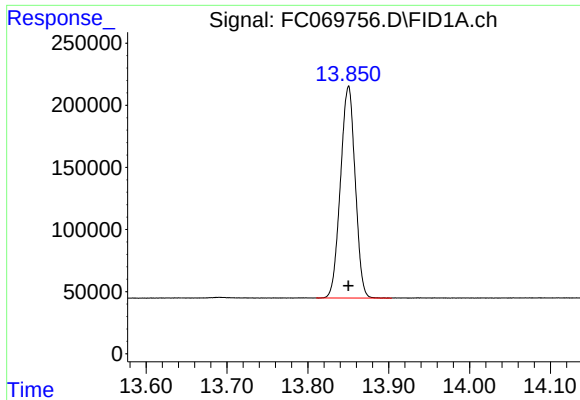
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 2210322
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

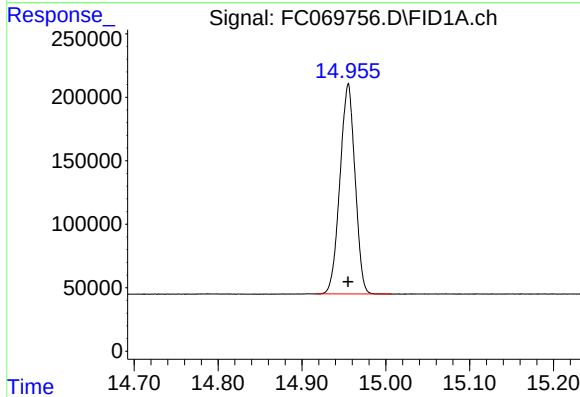
R.T.: 13.096 min
Delta R.T.: 0.000 min
Response: 1894959
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

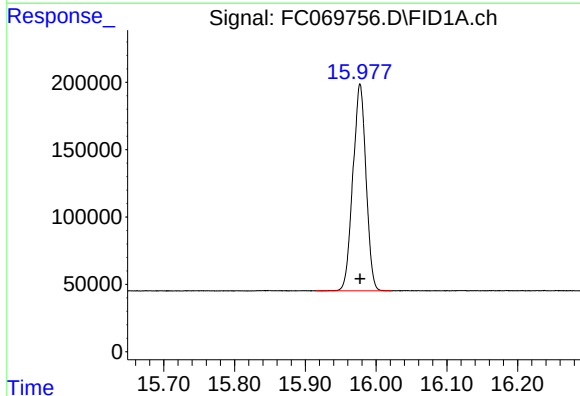
R.T.: 13.850 min
Delta R.T.: 0.000 min
Response: 2156093
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



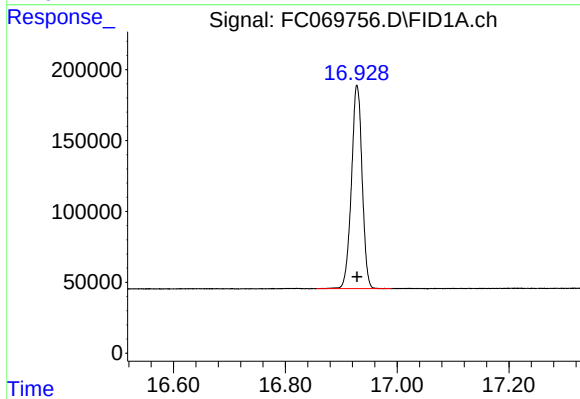
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: 0.000 min
Response: 2070490
Conc: 20.00 ug/ml



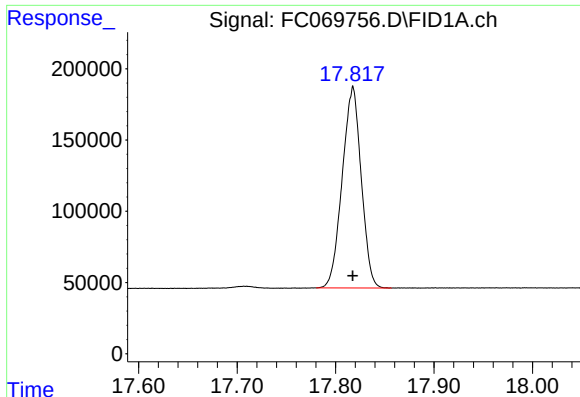
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: 0.000 min
Response: 1979860
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

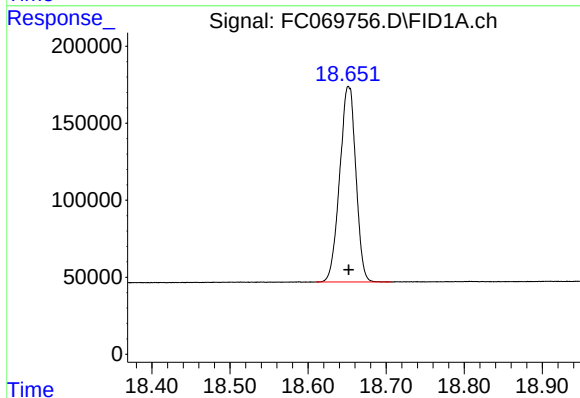
R.T.: 16.928 min
Delta R.T.: 0.000 min
Response: 1901206
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

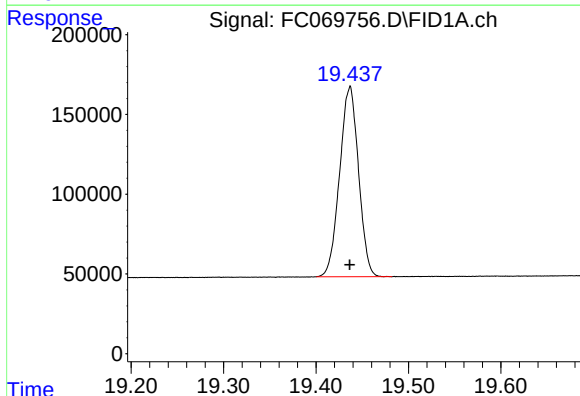
R.T.: 17.817 min
Delta R.T.: 0.000 min
Response: 1890511
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



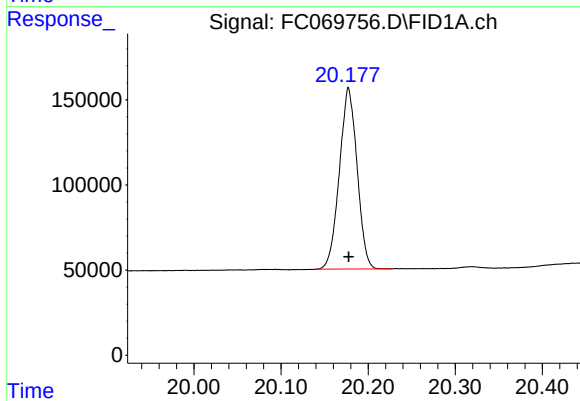
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: 0.000 min
Response: 1822762
Conc: 20.00 ug/ml



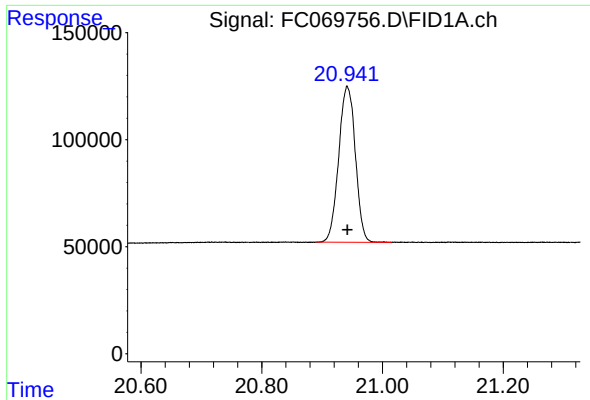
#19 n-Tetratriacontane (C34)

R.T.: 19.436 min
Delta R.T.: 0.000 min
Response: 1694111
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

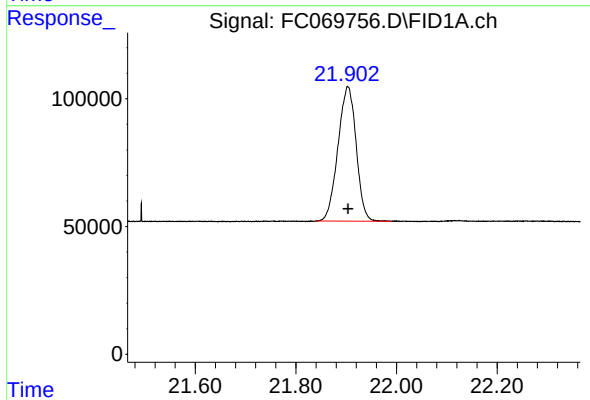
R.T.: 20.178 min
Delta R.T.: 0.000 min
Response: 1503803
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.942 min
Delta R.T.: 0.000 min
Response: 1392489
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.903 min
Delta R.T.: 0.000 min
Response: 1320571
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069756.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 10:12
 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 082725.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	3.397	3.369	3.447	BB	299836	2499891	93.18%	5.310%
2	4.468	4.435	4.529	BB	278926	2539667	94.66%	5.395%
3	6.062	6.030	6.147	BB	285562	2682868	100.00%	5.699%
4	6.492	6.455	6.527	BB	261320	2550934	95.08%	5.419%
5	7.121	7.084	7.214	BB	252861	2544260	94.83%	5.405%
6	8.290	8.257	8.369	BB	235385	2530351	94.32%	5.375%
7	9.894	9.854	9.972	BB	231745	2558594	95.37%	5.435%
8	11.338	11.310	11.400	BB	217374	2478487	92.38%	5.265%
9	11.660	11.622	11.727	BB	236107	2559018	95.38%	5.436%
10	12.649	12.612	12.699	BB	195361	2293897	85.50%	4.873%
11	13.096	13.052	13.147	BB	161005	1894959	70.63%	4.025%
12	13.264	13.225	13.312	BB	185628	2210322	82.39%	4.695%
13	13.850	13.810	13.904	BB	170674	2156093	80.37%	4.580%
14	14.955	14.917	15.007	BB	165778	2070490	77.17%	4.398%
15	15.977	15.915	16.022	BB	153625	1979860	73.80%	4.206%
16	16.928	16.855	16.990	BB	143194	1901206	70.86%	4.039%
17	17.817	17.780	17.857	BB	139956	1890511	70.47%	4.016%
18	18.652	18.610	18.707	BB	126962	1822762	67.94%	3.872%
19	19.436	19.400	19.482	BB	119677	1694111	63.15%	3.599%
20	20.178	20.140	20.227	BB	106507	1503803	56.05%	3.194%
21	20.942	20.890	21.015	BB	72813	1392489	51.90%	2.958%
22	21.903	21.840	21.990	BB	52597	1320571	49.22%	2.805%
Sum of corrected areas:						47075142		

Aliphatic EPH 082725.M Wed Aug 27 12:15:20 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069757.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 10:56
 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 27 11:24:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 11:24:36 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)	11.658	1320668	10.391 ug/ml
Spiked Amount 50.000		Recovery =	20.78%
12) S 1-chlorooctadecane (S...	13.095	968499	10.272 ug/ml
Spiked Amount 50.000		Recovery =	20.54%
Target Compounds			
1) T n-Nonane (C9)	3.397	1283969	10.466 ug/ml
2) T n-Decane (C10)	4.467	1297162	10.398 ug/ml
3) T A~Naphthalene (C11.7)	6.061	1375144	10.415 ug/ml
4) T n-Dodecane (C12)	6.491	1302231	10.351 ug/ml
5) T A~2-methylnaphthalene...	7.120	1301970	10.344 ug/ml
6) T n-Tetradecane (C14)	8.290	1302770	10.417 ug/ml
7) T n-Hexadecane (C16)	9.893	1318643	10.410 ug/ml
8) T n-Octadecane (C18)	11.337	1276289	10.370 ug/ml
10) T n-Eicosane (C20)	12.648	1182906	10.388 ug/ml
11) T n-Heneicosane (C21)	13.262	1137930	10.368 ug/ml
13) T n-Docosane (C22)	13.849	1112173	10.380 ug/ml
14) T n-Tetracosane (C24)	14.953	1070392	10.396 ug/ml
15) T n-Hexacosane (C26)	15.975	1021655	10.395 ug/ml
16) T n-Octacosane (C28)	16.928	987142	10.468 ug/ml
17) T n-Tricontane (C30)	17.816	993976	10.594 ug/ml
18) T n-Dotriacontane (C32)	18.650	973259	10.749 ug/ml
19) T n-Tetratriacontane (C34)	19.435	900481	10.722 ug/ml
20) T n-Hexatriacontane (C36)	20.176	794813	10.670 ug/ml
21) T n-Octatriacontane (C38)	20.940	728503	10.595 ug/ml
22) T n-Tetracontane (C40)	21.900	685522	10.563 ug/ml

(f)=RT Delta > 1/2 Window

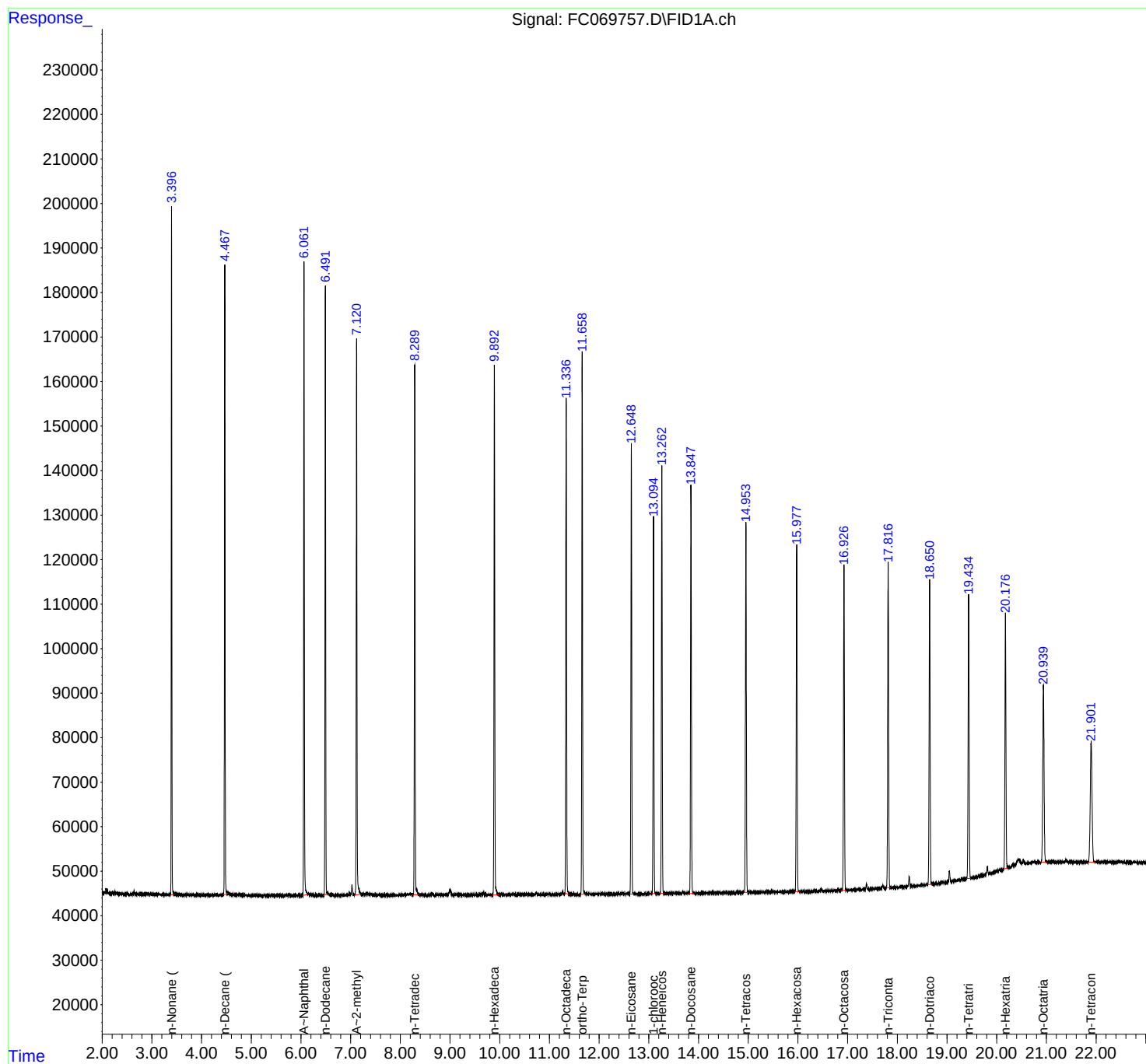
(m)=manual int.

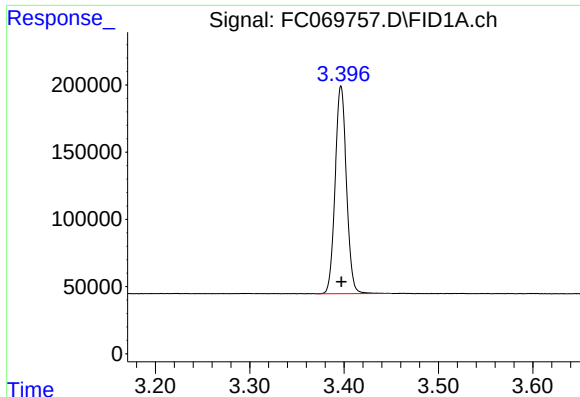
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
Data File : FC069757.D
Signal(s) : FID1A.ch
Acq On : 27 Aug 2025 10:56
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Aug 27 11:24:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
Quant Title : GC Extractables
QLast Update : Wed Aug 27 11:24:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

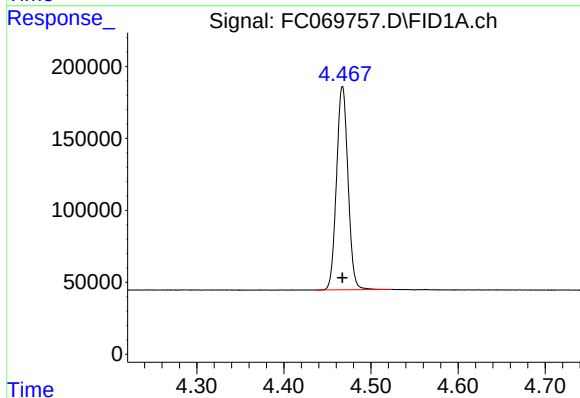




#1 n-Nonane (C9)

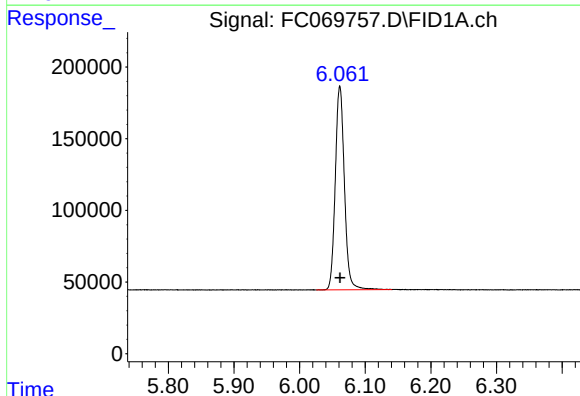
R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 1283969
Conc: 10.47 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



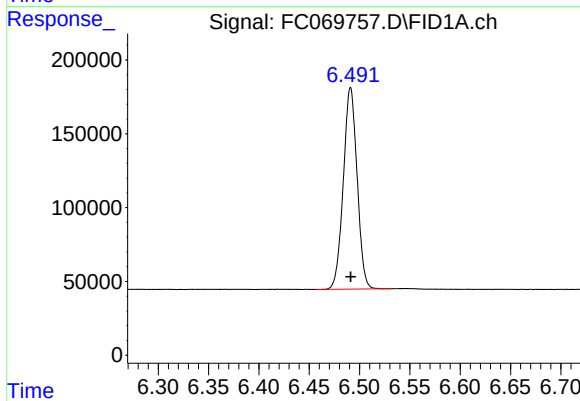
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 1297162
Conc: 10.40 ug/ml



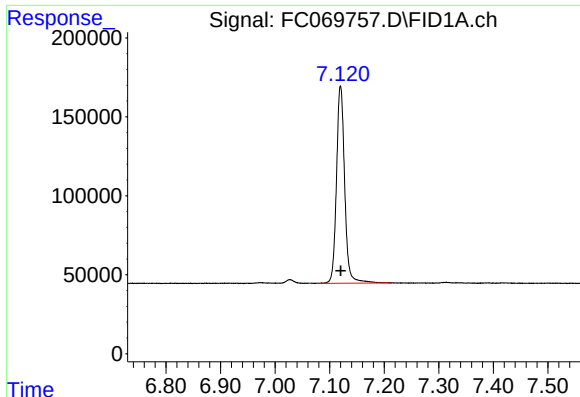
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 1375144
Conc: 10.41 ug/ml



#4 n-Dodecane (C12)

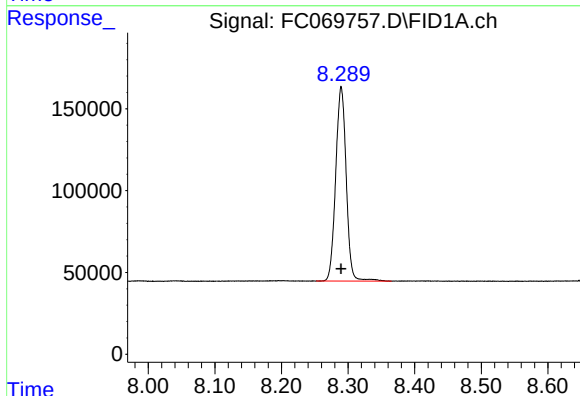
R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 1302231
Conc: 10.35 ug/ml



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

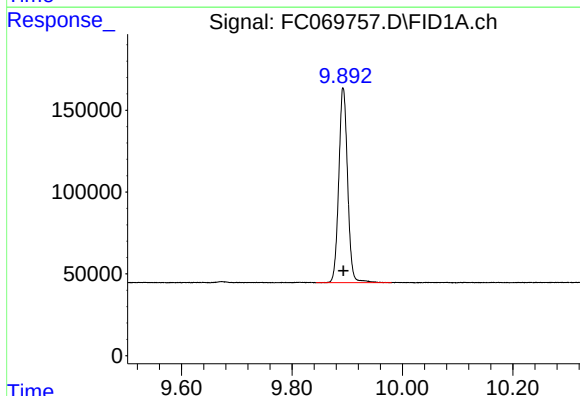
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 1301970
Conc: 10.34 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



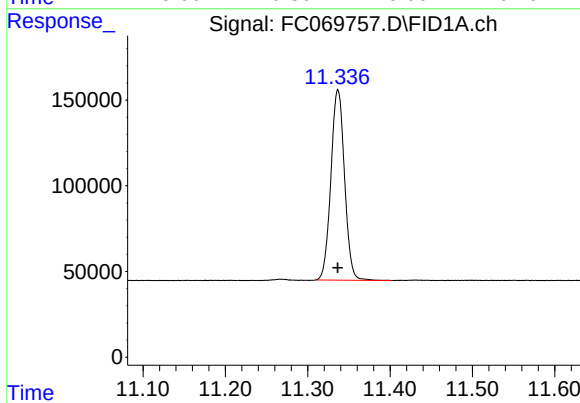
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 1302770
Conc: 10.42 ug/ml



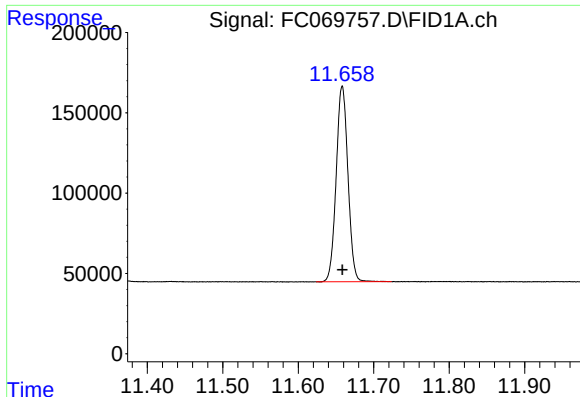
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 1318643
Conc: 10.41 ug/ml



#8 n-Octadecane (C18)

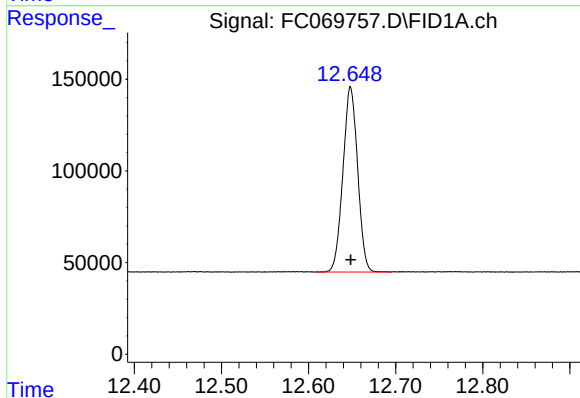
R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 1276289
Conc: 10.37 ug/ml



#9 ortho-Terphenyl (SURR)

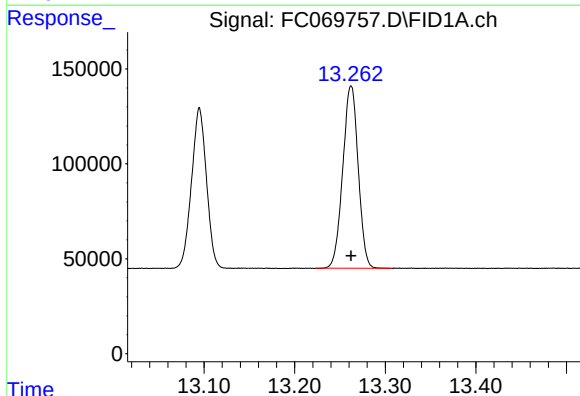
R.T.: 11.658 min
Delta R.T.: 0.000 min
Response: 1320668
Conc: 10.39 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



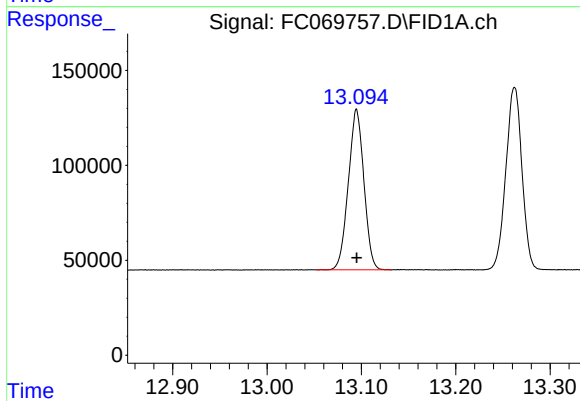
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: 0.000 min
Response: 1182906
Conc: 10.39 ug/ml



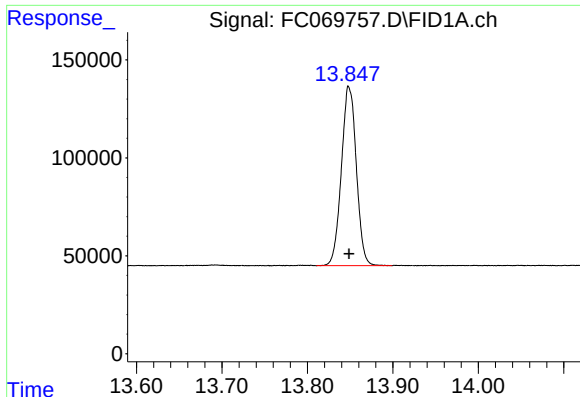
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.000 min
Response: 1137930
Conc: 10.37 ug/ml



#12 1-chlorooctadecane (SURR)

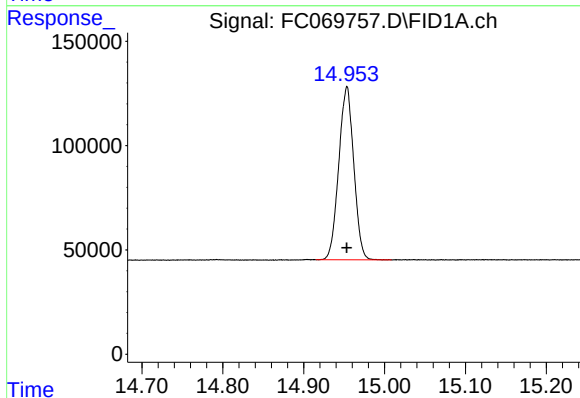
R.T.: 13.095 min
Delta R.T.: 0.000 min
Response: 968499
Conc: 10.27 ug/ml



#13 n-Docosane (C22)

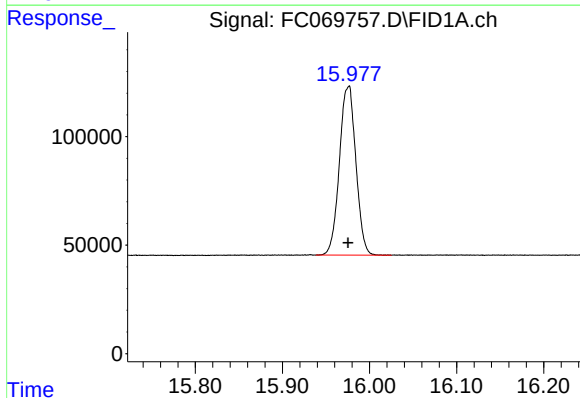
R.T.: 13.849 min
Delta R.T.: 0.000 min
Response: 1112173
Conc: 10.38 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



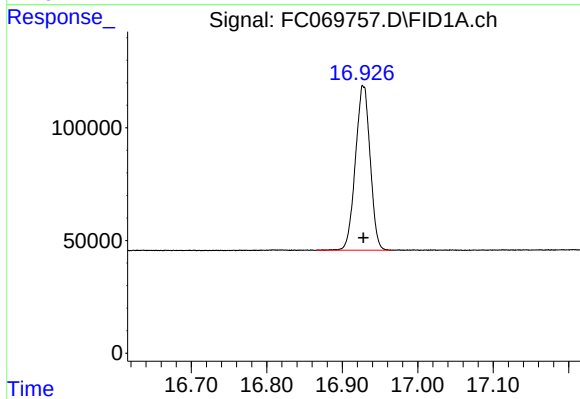
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 1070392
Conc: 10.40 ug/ml



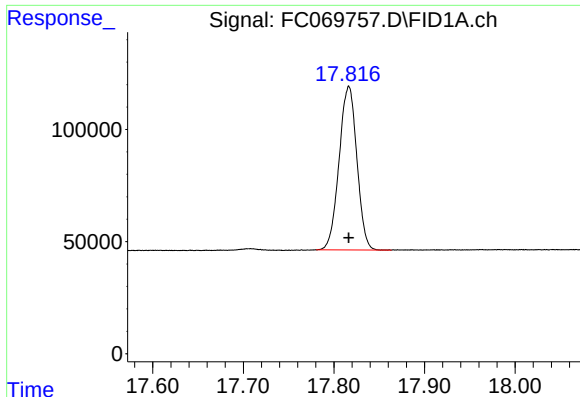
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.000 min
Response: 1021655
Conc: 10.39 ug/ml



#16 n-Octacosane (C28)

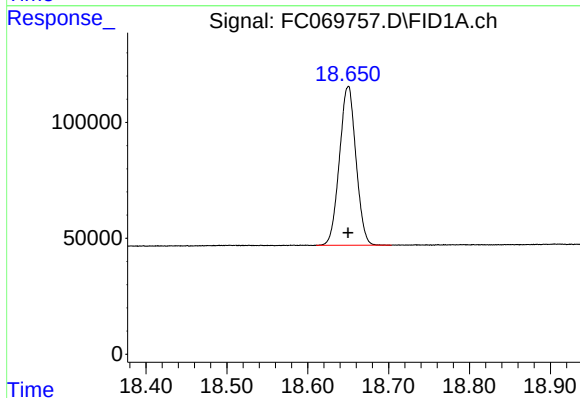
R.T.: 16.928 min
Delta R.T.: 0.000 min
Response: 987142
Conc: 10.47 ug/ml



#17 n-Tricontane (C30)

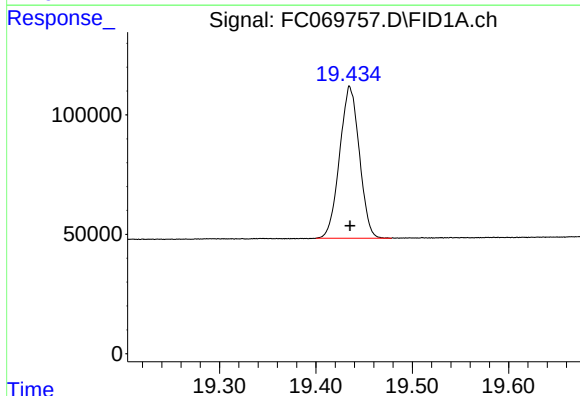
R.T.: 17.816 min
Delta R.T.: 0.000 min
Response: 993976
Conc: 10.59 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



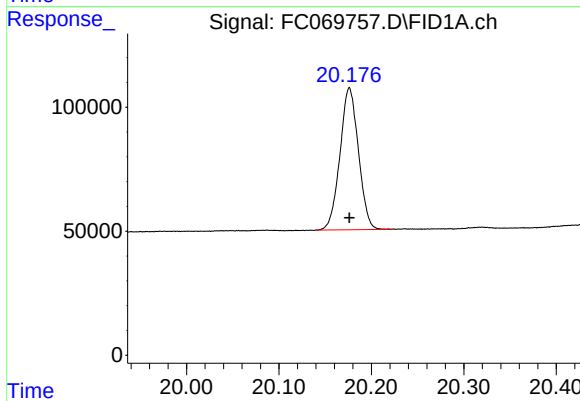
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: 0.000 min
Response: 973259
Conc: 10.75 ug/ml



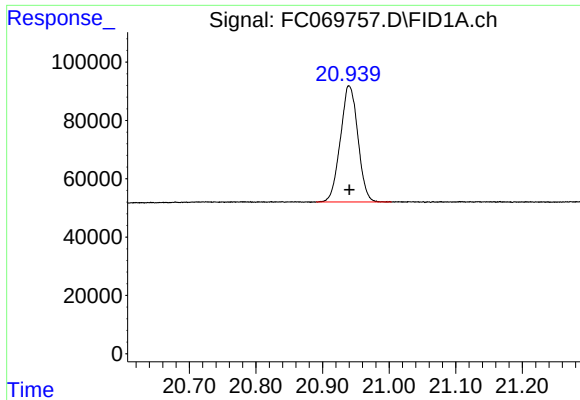
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.000 min
Response: 900481
Conc: 10.72 ug/ml



#20 n-Hexatriacontane (C36)

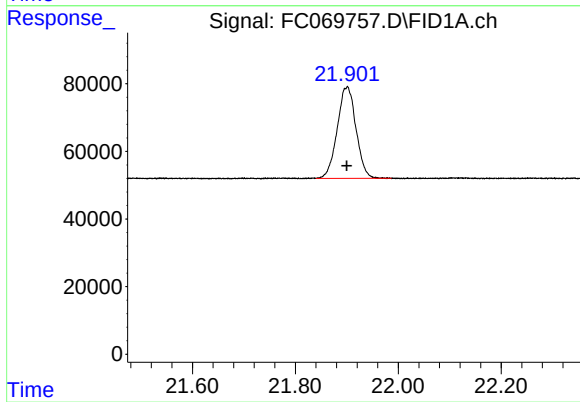
R.T.: 20.176 min
Delta R.T.: 0.000 min
Response: 794813
Conc: 10.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: 0.000 min
Response: 728503
Conc: 10.59 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: 0.000 min
Response: 685522
Conc: 10.56 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069757.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 10:56
 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 082725.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	3.397	3.370	3.450	BB	154527	1283969	93.37%	5.276%
2	4.467	4.437	4.524	BB	141494	1297162	94.33%	5.330%
3	6.061	6.025	6.140	BB	142160	1375144	100.00%	5.651%
4	6.491	6.457	6.532	BB	136762	1302231	94.70%	5.351%
5	7.120	7.075	7.214	BB	124790	1301970	94.68%	5.350%
6	8.290	8.252	8.365	BB	118529	1302770	94.74%	5.353%
7	9.893	9.844	9.980	BB	118659	1318643	95.89%	5.418%
8	11.337	11.310	11.402	BB	111041	1276289	92.81%	5.244%
9	11.658	11.624	11.724	BB	121861	1320668	96.04%	5.427%
10	12.648	12.609	12.695	BB	100815	1182906	86.02%	4.861%
11	13.095	13.052	13.132	BB	84550	968499	70.43%	3.980%
12	13.262	13.224	13.307	BB	96159	1137930	82.75%	4.676%
13	13.849	13.810	13.899	BB	90887	1112173	80.88%	4.570%
14	14.953	14.915	15.009	BB	83459	1070392	77.84%	4.398%
15	15.975	15.939	16.025	BB	77367	1021655	74.29%	4.198%
16	16.928	16.865	16.965	BB	72357	987142	71.78%	4.056%
17	17.816	17.780	17.864	BB	73202	993976	72.28%	4.084%
18	18.650	18.610	18.704	BB	68619	973259	70.78%	3.999%
19	19.435	19.400	19.479	BB	63488	900481	65.48%	3.700%
20	20.176	20.140	20.222	BB	57301	794813	57.80%	3.266%
21	20.940	20.890	21.004	BB	39738	728503	52.98%	2.994%
22	21.900	21.840	21.987	BB	27071	685522	49.85%	2.817%
Sum of corrected areas:						24336095		

Aliphatic EPH 082725.M Wed Aug 27 12:15:41 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069758.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 11:38
 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 27 12:10:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:10:11 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)	11.658	695300	5.369 ug/ml
Spiked Amount 50.000		Recovery =	10.74%
12) S 1-chlorooctadecane (S...	13.094	506455	5.293 ug/ml
Spiked Amount 50.000		Recovery =	10.59%
Target Compounds			
1) T n-Nonane (C9)	3.396	680600	5.429 ug/ml
2) T n-Decane (C10)	4.467	690510	5.419 ug/ml
3) T A~Naphthalene (C11.7)	6.061	722247	5.369 ug/ml
4) T n-Dodecane (C12)	6.490	687152	5.363 ug/ml
5) T A~2-methylnaphthalene...	7.120	684537	5.345 ug/ml
6) T n-Tetradecane (C14)	8.289	687247	5.389 ug/ml
7) T n-Hexadecane (C16)	9.892	695043	5.382 ug/ml
8) T n-Octadecane (C18)	11.336	673068	5.368 ug/ml
10) T n-Eicosane (C20)	12.647	624363	5.379 ug/ml
11) T n-Heneicosane (C21)	13.261	600459	5.370 ug/ml
13) T n-Docosane (C22)	13.849	585353	5.364 ug/ml
14) T n-Tetracosane (C24)	14.953	562662	5.365 ug/ml
15) T n-Hexacosane (C26)	15.976	539690	5.385 ug/ml
16) T n-Octacosane (C28)	16.927	521016	5.411 ug/ml
17) T n-Tricontane (C30)	17.817	527793	5.488 ug/ml
18) T n-Dotriacontane (C32)	18.651	517945	5.560 ug/ml
19) T n-Tetratriacontane (C34)	19.435	477726	5.536 ug/ml
20) T n-Hexatriacontane (C36)	20.177	417448	5.472 ug/ml
21) T n-Octatriacontane (C38)	20.940	382892	5.445 ug/ml
22) T n-Tetracontane (C40)	21.901	362748	5.461 ug/ml

(f)=RT Delta > 1/2 Window

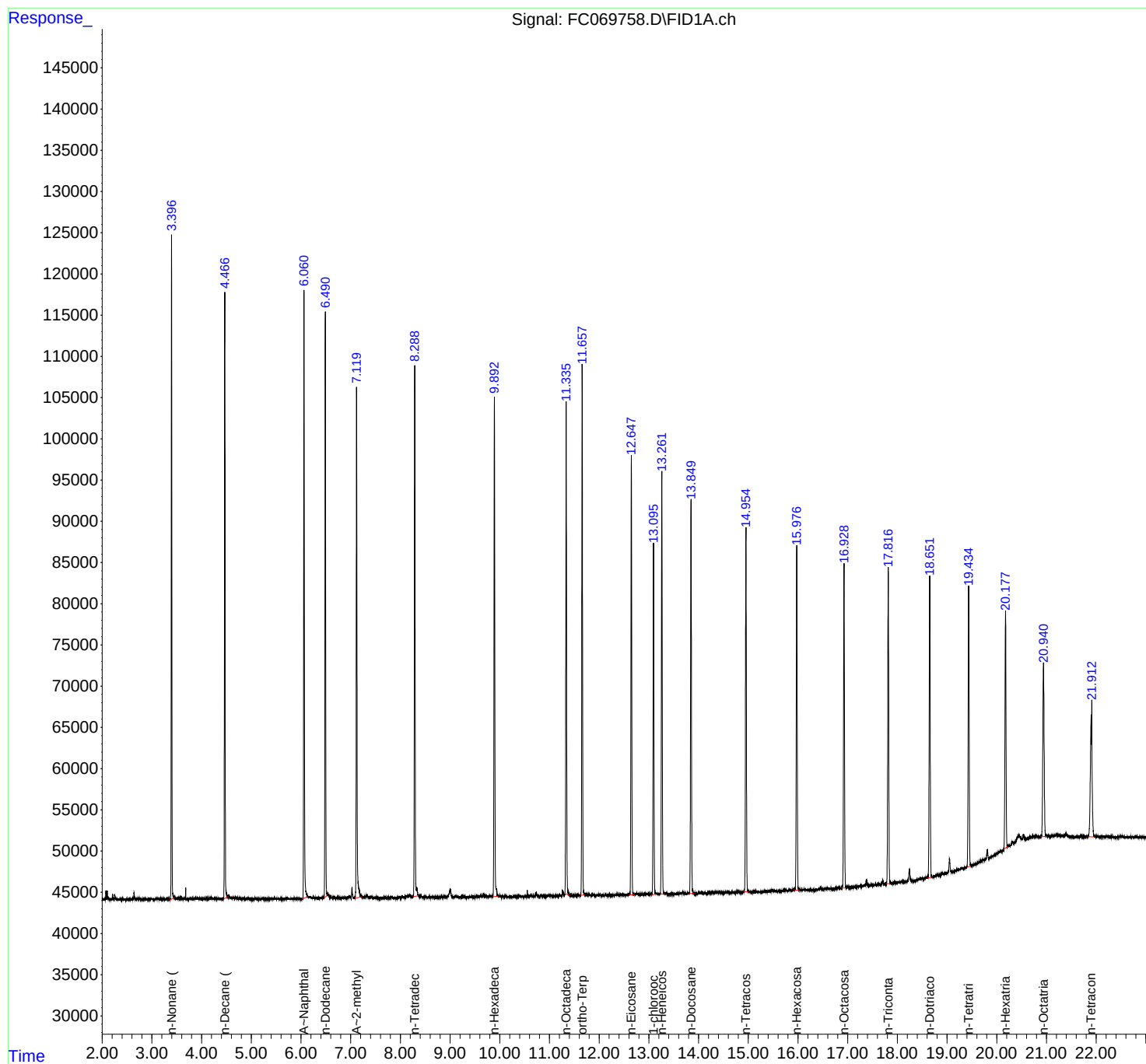
(m)=manual int.

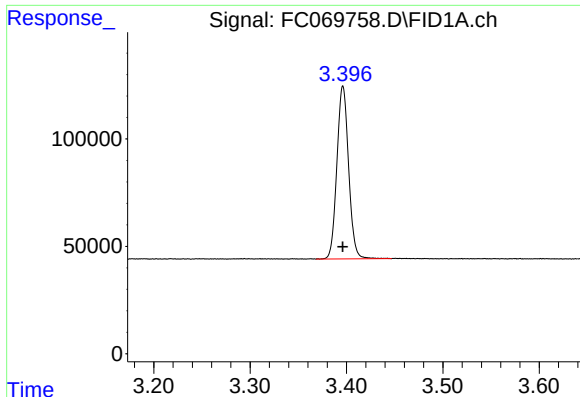
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
Data File : FC069758.D
Signal(s) : FID1A.ch
Acq On : 27 Aug 2025 11:38
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Aug 27 12:10:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
Quant Title : GC Extractables
QLast Update : Wed Aug 27 12:10:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

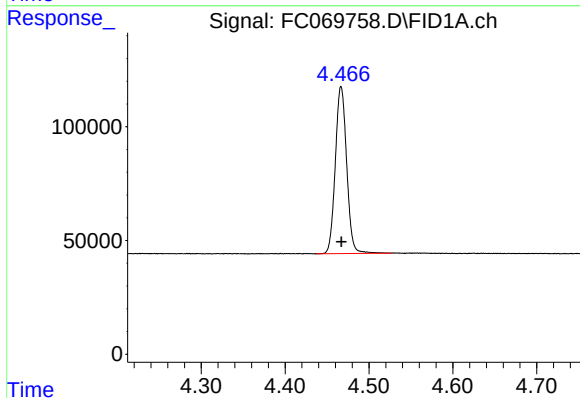




#1 n-Nonane (C9)

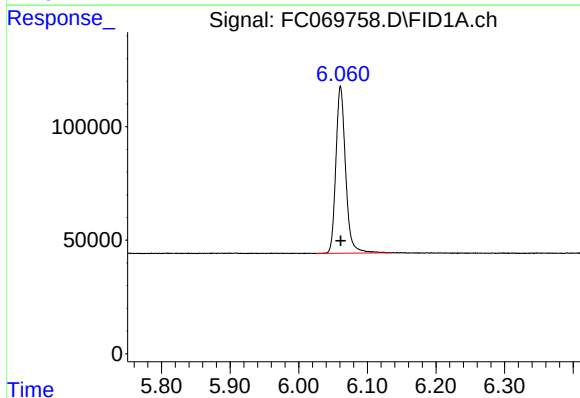
R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 680600
Conc: 5.43 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



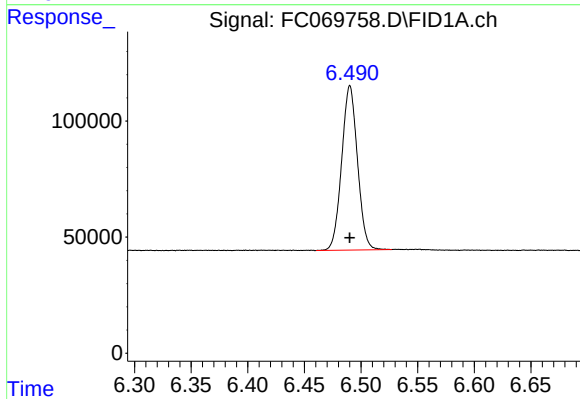
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 690510
Conc: 5.42 ug/ml



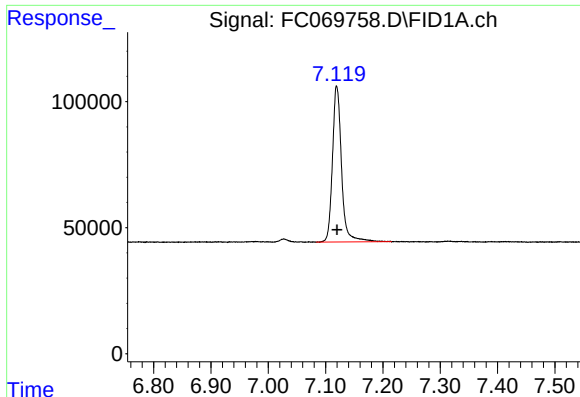
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 722247
Conc: 5.37 ug/ml



#4 n-Dodecane (C12)

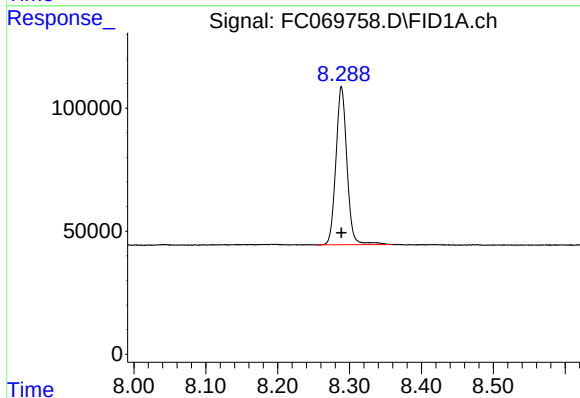
R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 687152
Conc: 5.36 ug/ml



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

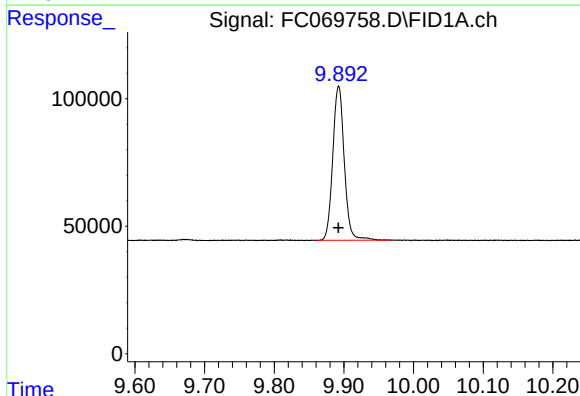
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 684537
Conc: 5.34 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



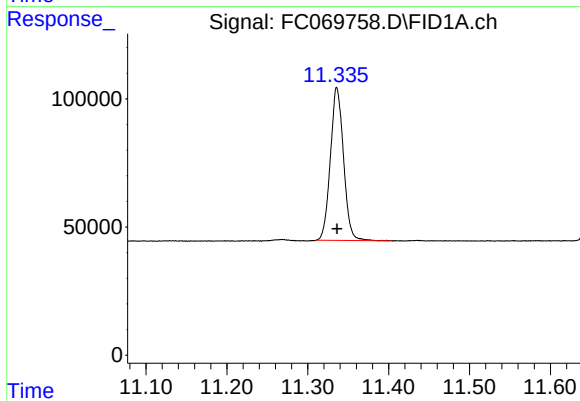
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 687247
Conc: 5.39 ug/ml



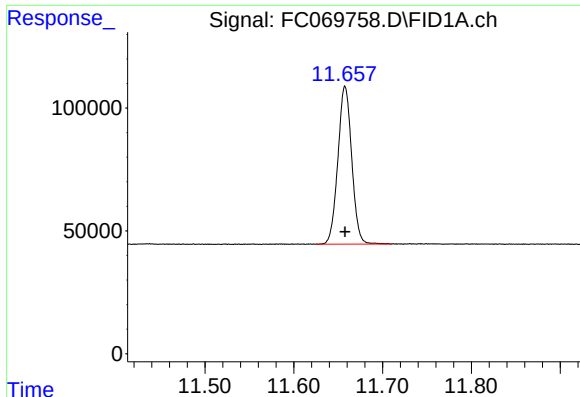
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 695043
Conc: 5.38 ug/ml



#8 n-Octadecane (C18)

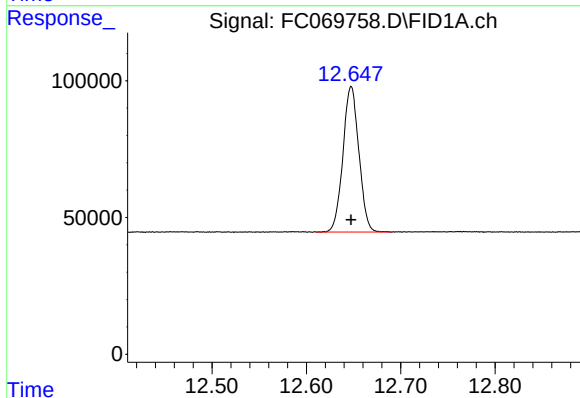
R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 673068
Conc: 5.37 ug/ml



#9 ortho-Terphenyl (SURR)

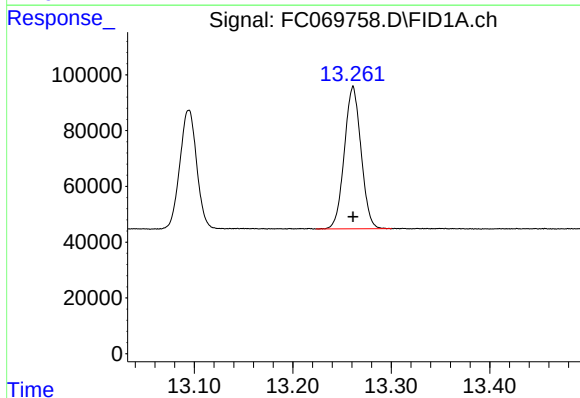
R.T.: 11.658 min
Delta R.T.: 0.000 min
Response: 695300
Conc: 5.37 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



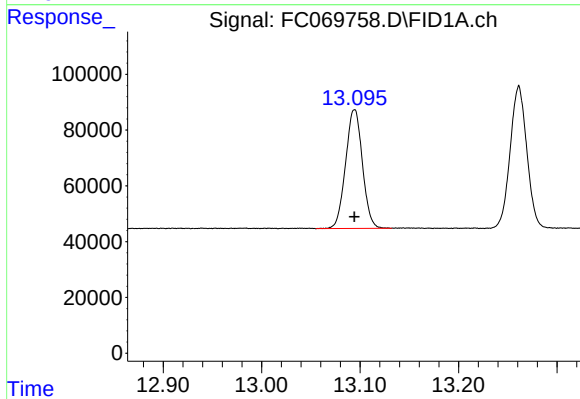
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 624363
Conc: 5.38 ug/ml



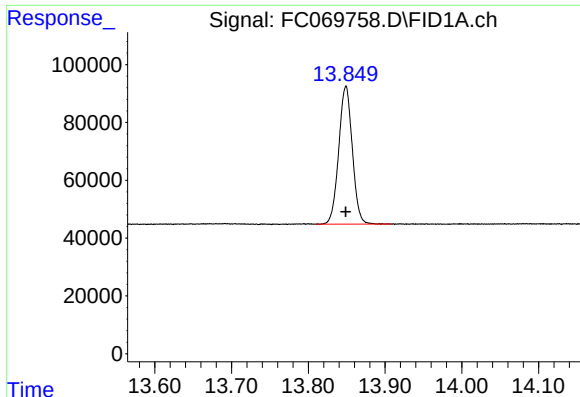
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: 0.000 min
Response: 600459
Conc: 5.37 ug/ml



#12 1-chlorooctadecane (SURR)

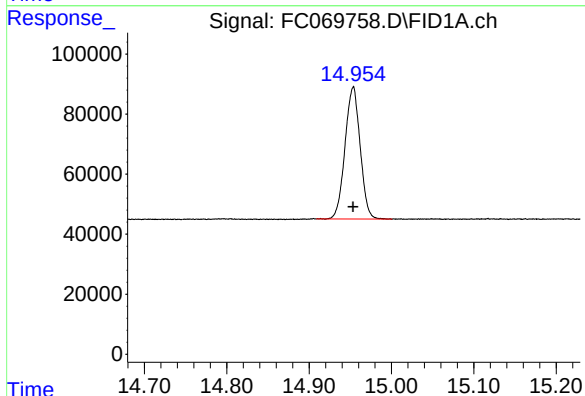
R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 506455
Conc: 5.29 ug/ml



#13 n-Docosane (C22)

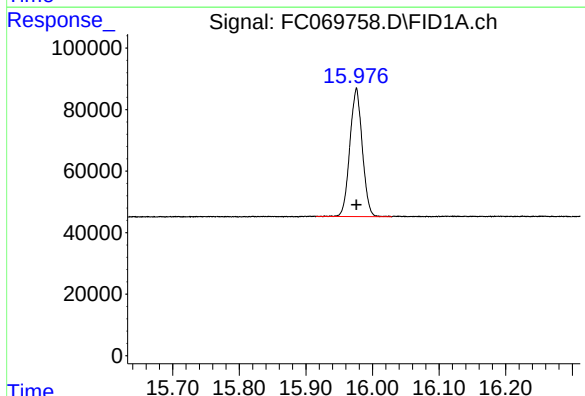
R.T.: 13.849 min
Delta R.T.: 0.000 min
Response: 585353
Conc: 5.36 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



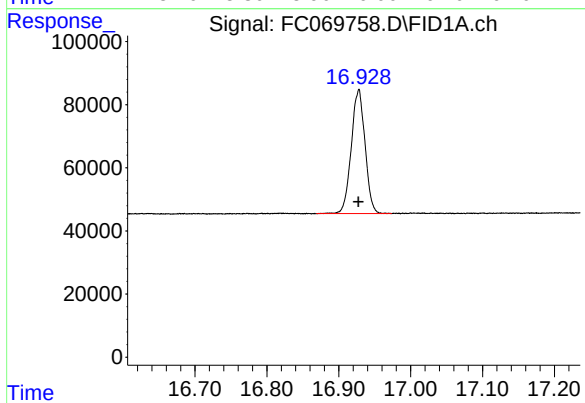
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 562662
Conc: 5.37 ug/ml



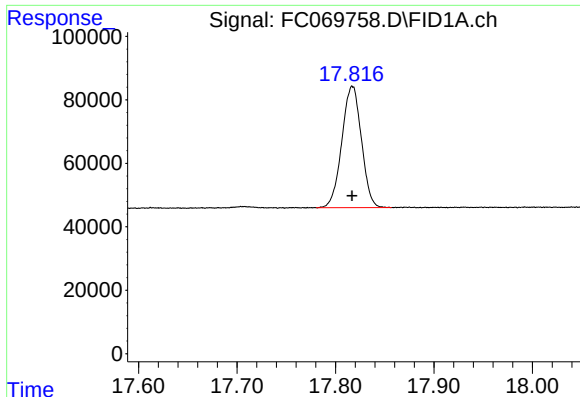
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: 0.000 min
Response: 539690
Conc: 5.39 ug/ml



#16 n-Octacosane (C28)

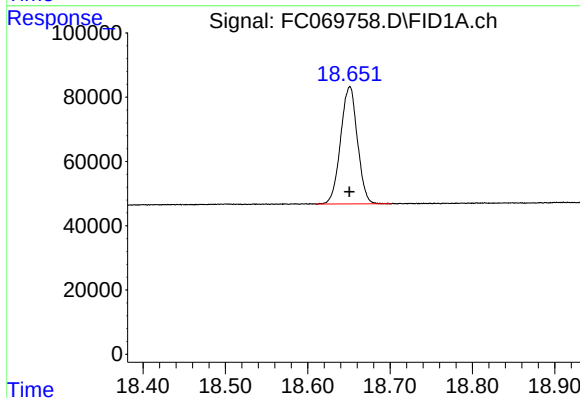
R.T.: 16.927 min
Delta R.T.: 0.000 min
Response: 521016
Conc: 5.41 ug/ml



#17 n-Tricontane (C30)

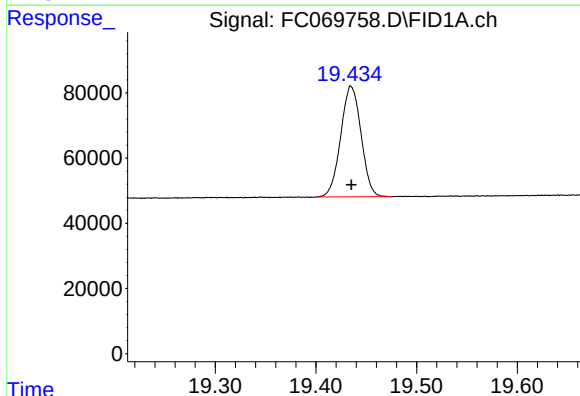
R.T.: 17.817 min
Delta R.T.: 0.000 min
Response: 527793
Conc: 5.49 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



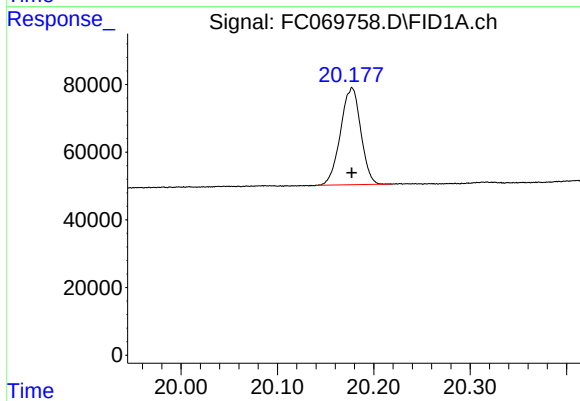
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: 0.000 min
Response: 517945
Conc: 5.56 ug/ml



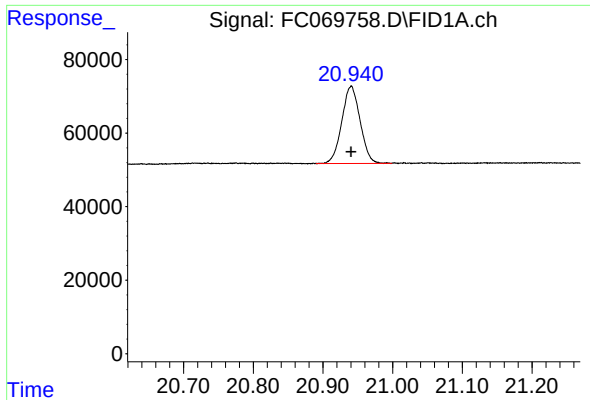
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.000 min
Response: 477726
Conc: 5.54 ug/ml



#20 n-Hexatriacontane (C36)

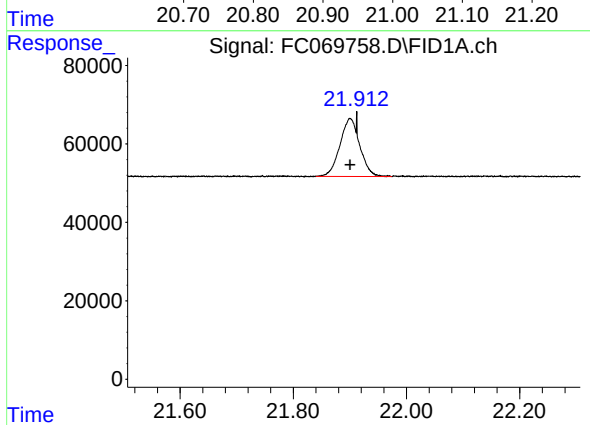
R.T.: 20.177 min
Delta R.T.: 0.000 min
Response: 417448
Conc: 5.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: 0.000 min
Response: 382892
Conc: 5.44 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: 0.000 min
Response: 362748
Conc: 5.46 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069758.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 11:38
 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 082725.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.396	3.369	3.447	BB	80478	680600	94.23%	5.300%
2	4.467	4.437	4.527	BB	73419	690510	95.61%	5.377%
3	6.061	6.025	6.135	BB	73674	722247	100.00%	5.624%
4	6.490	6.460	6.527	BB	71001	687152	95.14%	5.351%
5	7.120	7.084	7.215	BB	61330	684537	94.78%	5.330%
6	8.289	8.254	8.359	BB	64350	687247	95.15%	5.351%
7	9.892	9.860	9.969	BB	60562	695043	96.23%	5.412%
8	11.336	11.310	11.404	BB	59019	673068	93.19%	5.241%
9	11.658	11.625	11.710	BB	64001	695300	96.27%	5.414%
10	12.647	12.610	12.690	BB	53229	624363	86.45%	4.862%
11	13.094	13.055	13.132	BB	42643	506455	70.12%	3.944%
12	13.261	13.224	13.300	BB	51275	600459	83.14%	4.676%
13	13.849	13.810	13.909	BB	47632	585353	81.05%	4.558%
14	14.953	14.909	15.000	BB	44130	562662	77.90%	4.381%
15	15.976	15.915	16.029	BB	41560	539690	74.72%	4.202%
16	16.927	16.869	16.974	BB	38958	521016	72.14%	4.057%
17	17.817	17.780	17.857	BB	38324	527793	73.08%	4.110%
18	18.651	18.610	18.702	BB	36486	517945	71.71%	4.033%
19	19.435	19.400	19.475	BB	33810	477726	66.14%	3.720%
20	20.177	20.140	20.219	BB	28715	417448	57.80%	3.251%
21	20.940	20.890	20.999	BB	21023	382892	53.01%	2.982%
22	21.901	21.840	21.974	BB	14725	362748	50.22%	2.825%
Sum of corrected areas:							12842253	

Aliphatic EPH 082725.M Wed Aug 27 12:16:04 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069759.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 12:21
 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 27 12:51:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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)	11.660	2591431	20.012 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	13.096	1912539	19.988 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T n-Nonane (C9)	3.397	2531837	20.196 ug/ml
2) T n-Decane (C10)	4.468	2576541	20.221 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2711124	20.154 ug/ml
4) T n-Dodecane (C12)	6.492	2591892	20.228 ug/ml
5) T A~2-methylnaphthalene...	7.120	2572440	20.086 ug/ml
6) T n-Tetradecane (C14)	8.290	2570997	20.159 ug/ml
7) T n-Hexadecane (C16)	9.893	2602899	20.155 ug/ml
8) T n-Octadecane (C18)	11.338	2521086	20.107 ug/ml
10) T n-Eicosane (C20)	12.650	2325499	20.035 ug/ml
11) T n-Heneicosane (C21)	13.262	2239275	20.026 ug/ml
13) T n-Docosane (C22)	13.850	2179178	19.969 ug/ml
14) T n-Tetracosane (C24)	14.955	2092946	19.957 ug/ml
15) T n-Hexacosane (C26)	15.977	1997330	19.930 ug/ml
16) T n-Octacosane (C28)	16.928	1923829	19.981 ug/ml
17) T n-Tricontane (C30)	17.818	1919681	19.961 ug/ml
18) T n-Dotriacontane (C32)	18.651	1855093	19.915 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1720924	19.942 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1517663	19.894 ug/ml
21) T n-Octatriacontane (C38)	20.942	1387031	19.723 ug/ml
22) T n-Tetracontane (C40)	21.901	1278490	19.246 ug/ml

(f)=RT Delta > 1/2 Window

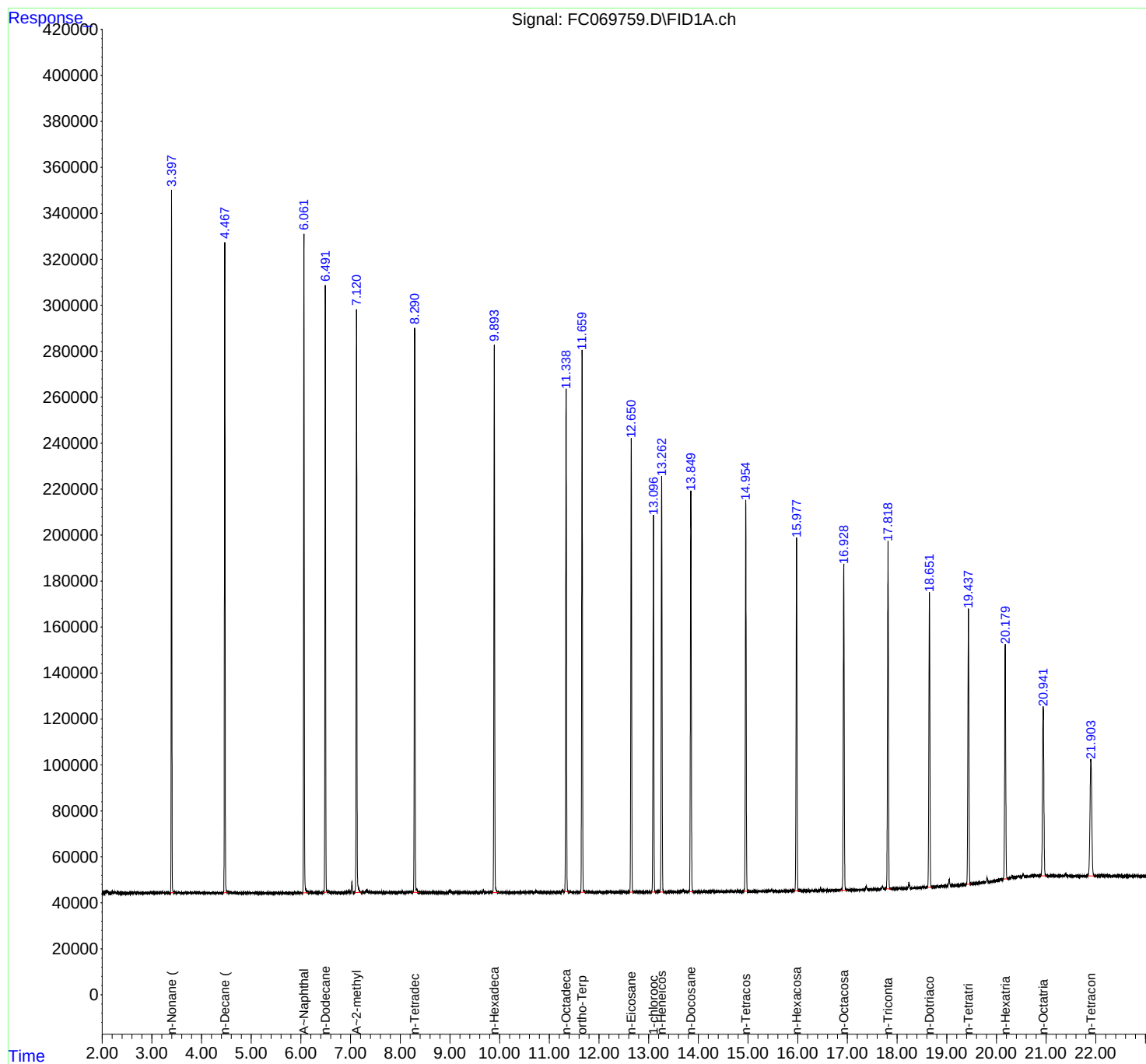
(m)=manual int.

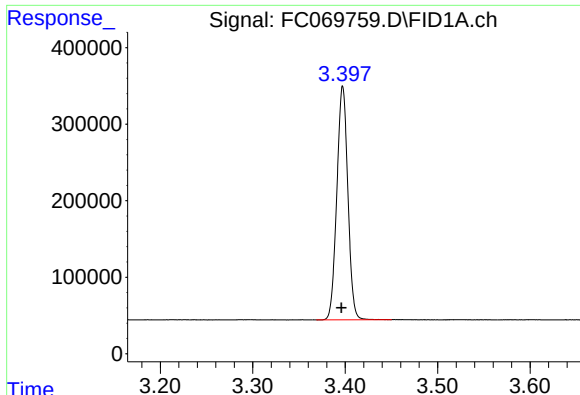
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
Data File : FC069759.D
Signal(s) : FID1A.ch
Acq On : 27 Aug 2025 12:21
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Aug 27 12:51:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
Quant Title : GC Extractables
QLast Update : Wed Aug 27 12:11:00 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)

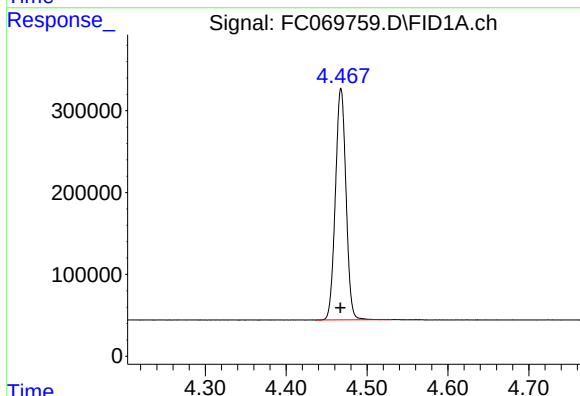
R.T.: 3.397 min
Delta R.T.: 0.001 min
Response: 2531837
Conc: 20.20 ug/ml

Instrument :

FID_C

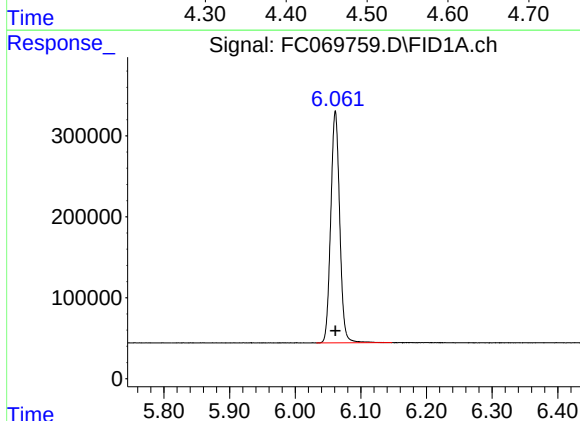
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



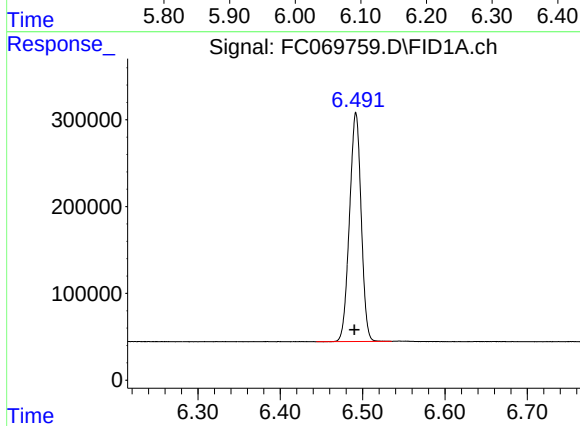
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 2576541
Conc: 20.22 ug/ml



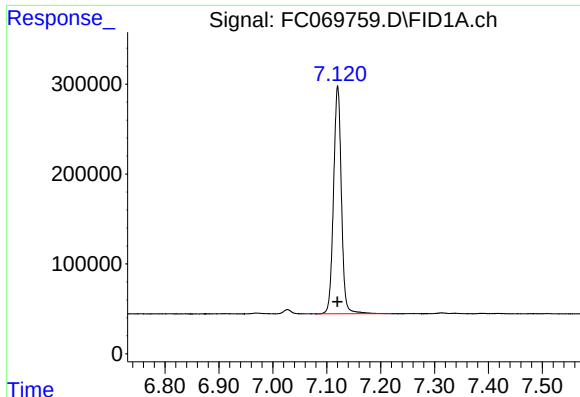
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2711124
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

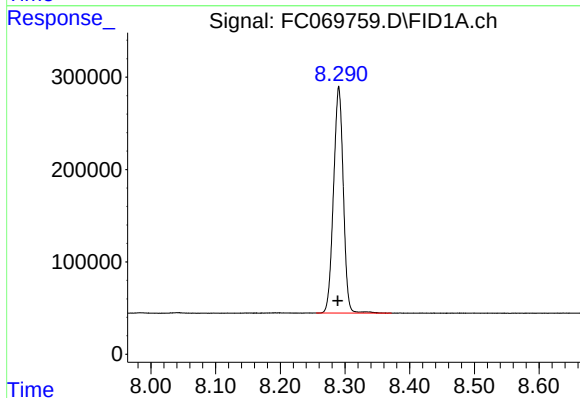
R.T.: 6.492 min
Delta R.T.: 0.002 min
Response: 2591892
Conc: 20.23 ug/ml



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

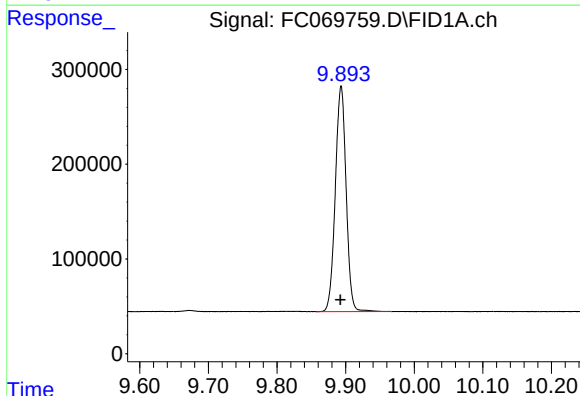
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 2572440
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



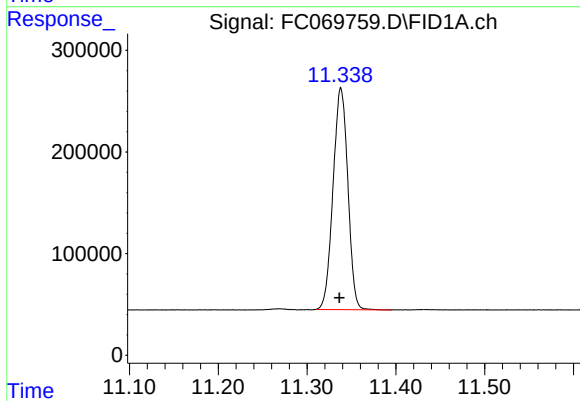
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: 0.002 min
Response: 2570997
Conc: 20.16 ug/ml



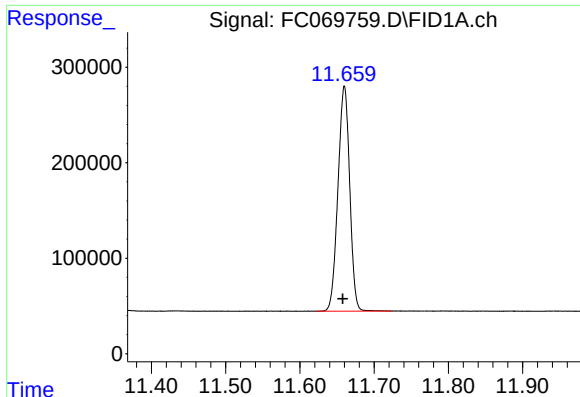
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 2602899
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: 0.002 min
Response: 2521086
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

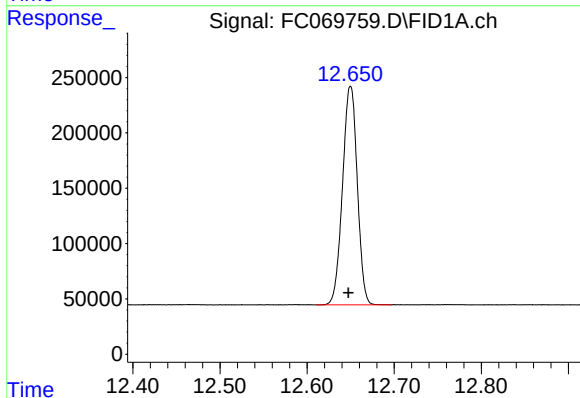
R.T.: 11.660 min
Delta R.T.: 0.002 min
Response: 2591431
Conc: 20.01 ug/ml

Instrument :

FID_C

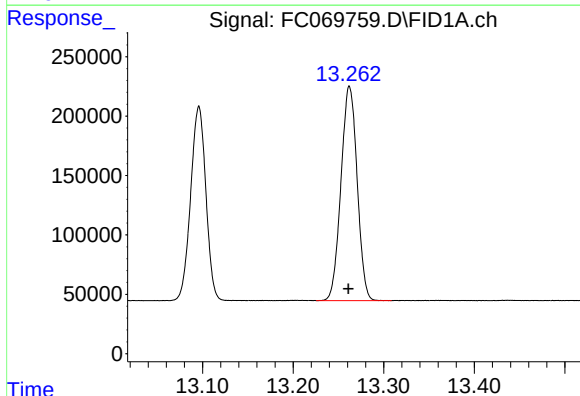
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



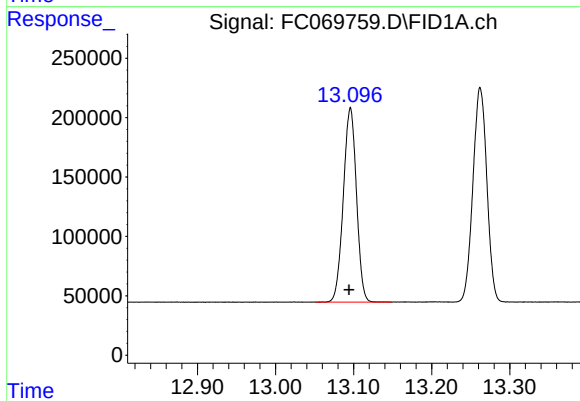
#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: 0.002 min
Response: 2325499
Conc: 20.03 ug/ml



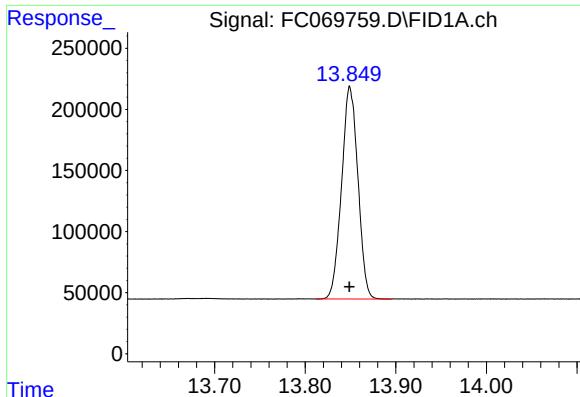
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.001 min
Response: 2239275
Conc: 20.03 ug/ml



#12 1-chlorooctadecane (SURR)

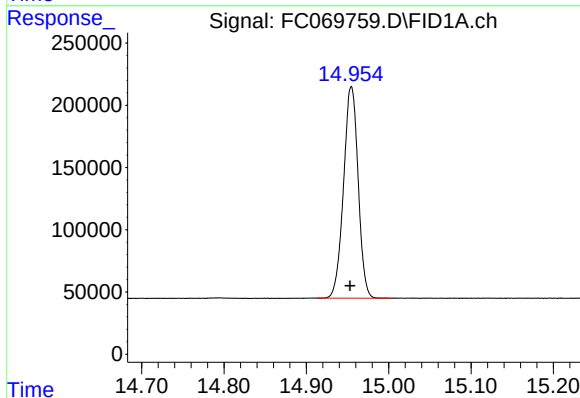
R.T.: 13.096 min
Delta R.T.: 0.002 min
Response: 1912539
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

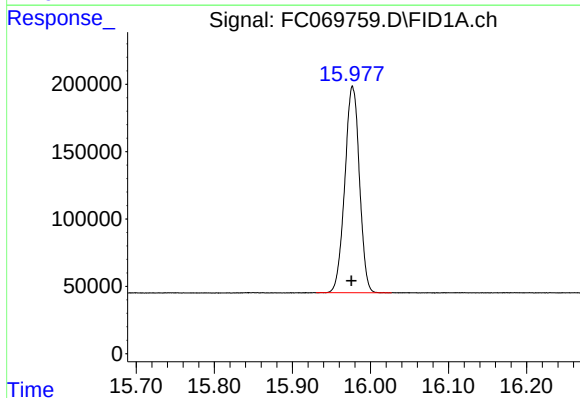
R.T.: 13.850 min
Delta R.T.: 0.000 min
Response: 2179178
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



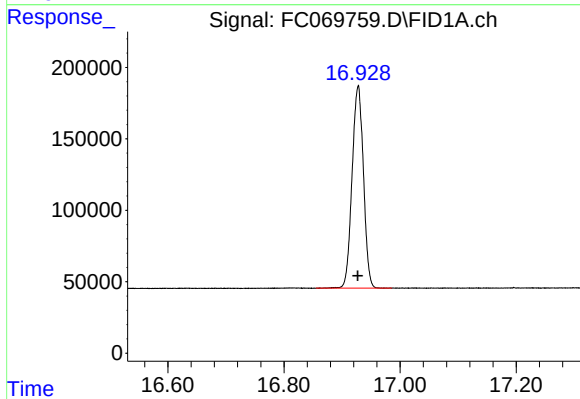
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: 0.001 min
Response: 2092946
Conc: 19.96 ug/ml



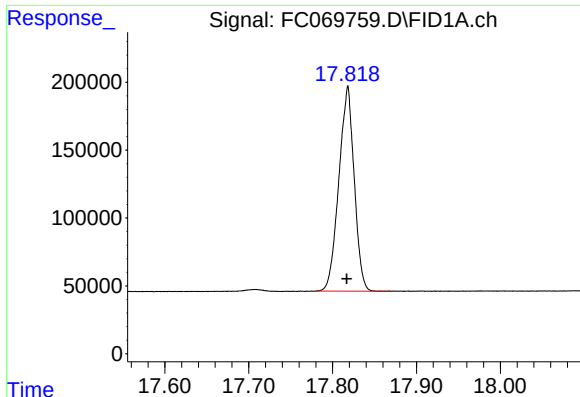
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: 0.001 min
Response: 1997330
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

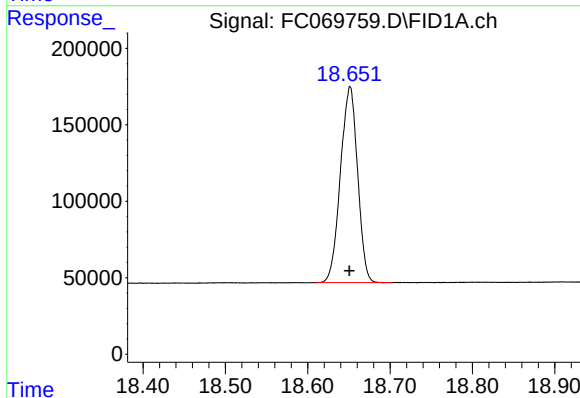
R.T.: 16.928 min
Delta R.T.: 0.000 min
Response: 1923829
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

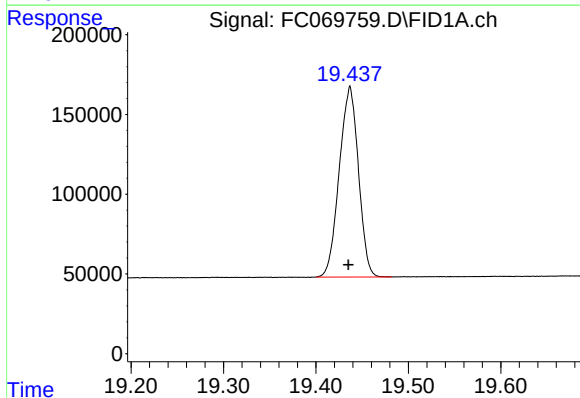
R.T.: 17.818 min
Delta R.T.: 0.000 min
Response: 1919681
Conc: 19.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



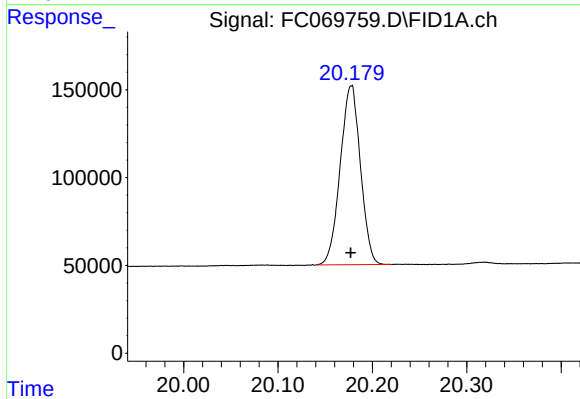
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: 0.000 min
Response: 1855093
Conc: 19.91 ug/ml



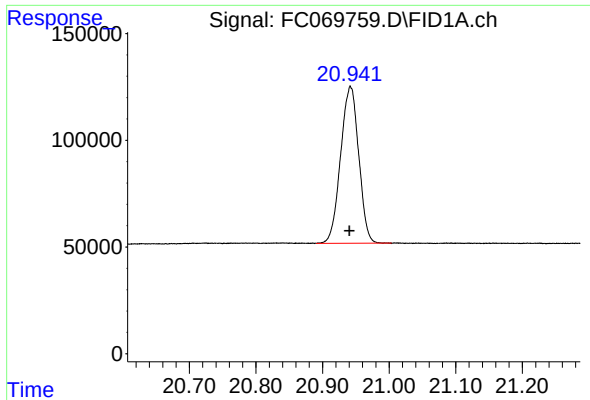
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: 0.002 min
Response: 1720924
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

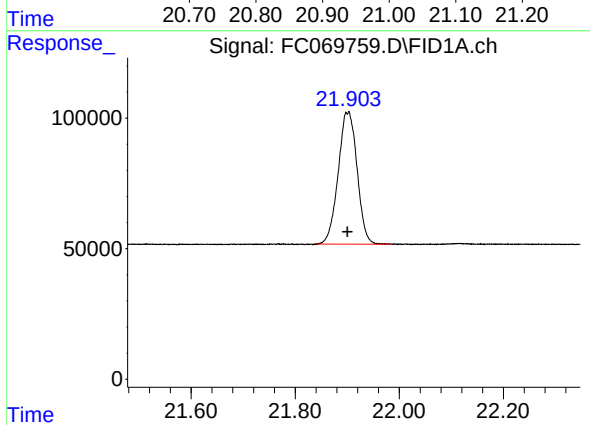
R.T.: 20.177 min
Delta R.T.: 0.000 min
Response: 1517663
Conc: 19.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.942 min
Delta R.T.: 0.002 min
Response: 1387031
Conc: 19.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: 0.000 min
Response: 1278490
Conc: 19.25 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069759.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 12:21
 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 082725.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	3.397	3.369	3.450	BB	305894	2531837	93.39%	5.317%
2	4.468	4.437	4.530	BB	283076	2576541	95.04%	5.411%
3	6.061	6.032	6.147	BB	286691	2711124	100.00%	5.693%
4	6.492	6.444	6.535	BB	264152	2591892	95.60%	5.443%
5	7.120	7.080	7.220	BB	253791	2572440	94.88%	5.402%
6	8.290	8.255	8.372	BB	245415	2570997	94.83%	5.399%
7	9.893	9.857	9.967	BB	238702	2602899	96.01%	5.466%
8	11.338	11.310	11.395	BB	217577	2521086	92.99%	5.294%
9	11.660	11.622	11.724	BB	236154	2591431	95.59%	5.442%
10	12.650	12.610	12.697	BB	197736	2325499	85.78%	4.883%
11	13.096	13.052	13.149	BB	163457	1912539	70.54%	4.016%
12	13.262	13.225	13.309	BB	180495	2239275	82.60%	4.702%
13	13.850	13.812	13.895	BB	171623	2179178	80.38%	4.576%
14	14.955	14.912	15.004	BB	170286	2092946	77.20%	4.395%
15	15.977	15.930	16.027	BB	153232	1997330	73.67%	4.194%
16	16.928	16.855	16.985	BB	141237	1923829	70.96%	4.040%
17	17.818	17.780	17.870	BB	148888	1919681	70.81%	4.031%
18	18.651	18.610	18.702	BB	128486	1855093	68.43%	3.896%
19	19.437	19.400	19.482	BB	120043	1720924	63.48%	3.614%
20	20.177	20.140	20.220	BB	102023	1517663	55.98%	3.187%
21	20.942	20.890	21.004	BB	73566	1387031	51.16%	2.913%
22	21.901	21.840	21.985	BB	49869	1278490	47.16%	2.685%
Sum of corrected areas:							47619723	

Aliphatic EPH 082725.M Wed Aug 27 12:53:29 2025