

Initial Calibration Report for SequenceID : FC030625AL

AreaCount

Parameter Range	FC068379.D	FC068380.D	FC068381.D	FC068382.D	FC068383.D	
Aliphatic C9-C12	39954639.000	20878360.000	8970230.000	4655530.000	2315238.000	
Aliphatic C12-C16	26001533.000	13461156.000	5785198.000	2975467.000	1469811.000	
Aliphatic C16-C21	37462314.000	19491428.000	8377351.000	4346793.000	2184750.000	
Aliphatic C21-C28	46903363.000	24786762.000	10667848.000	5665949.000	2802680.000	
Aliphatic C28-C40	58963830.000	31532442.000	14144019.000	7470425.000	3939270.000	
Aliphatic EPH	209285679.000	110150148.000	47944646.000	25114164.000	12711749.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	146281.7126664	6.633				
Aliphatic C12-C16	141000.725	5.838				
Aliphatic C16-C21	136996.5699998	6.738				
Aliphatic C21-C28	131264.6085	7.997				
Aliphatic C28-C40	115412.8196666	11.796				
Aliphatic EPH	130520.6472218	8.325				

Concentration

Parameter Range	FC068379.D	FC068380.D	FC068381.D	FC068382.D	FC068383.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	FC068379.D	FC068380.D	FC068381.D	FC068382.D	FC068383.D	
Aliphatic C9-C12	133182.130000	139189.066666	149503.833333	155184.333333	154349.200000	
Aliphatic C12-C16	130007.665000	134611.560000	144629.950000	148773.350000	146981.100000	
Aliphatic C16-C21	124874.380000	129942.853333	139622.516666	144893.100000	145650.000000	

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Aliphatic C21-C28	117258.407500	123933.810000	133348.100000	141648.725000	140134.000000	
Aliphatic C28-C40	98273.050000	105108.140000	117866.825000	124507.083333	131309.000000	
Aliphatic EPH	116269.821666	122389.053333	133179.572222	139523.133333	141241.655555	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068379.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 09:36
 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: Mar 06 11:27:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 11:25:24 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)	11.402	14584967	94.559 ug/ml
Spiked Amount 50.000		Recovery =	189.12%
12) S 1-chlorooctadecane (S...	12.842	10728556	95.120 ug/ml
Spiked Amount 50.000		Recovery =	190.24%
Target Compounds			
1) T n-Nonane (C9)	3.204	13239636	94.184 ug/ml
2) T n-Decane (C10)	4.262	13392626	94.235 ug/ml
3) T A~Naphthalene (C11.7)	5.830	14751444	95.457 ug/ml
4) T n-Dodecane (C12)	6.272	13322377	94.259 ug/ml
5) T A~2-methylnaphthalene...	6.883	14034186	95.912 ug/ml
6) T n-Tetradecane (C14)	8.060	12937512	94.603 ug/ml
7) T n-Hexadecane (C16)	9.657	13064021	94.748 ug/ml
8) T n-Octadecane (C18)	11.096	12988915	94.576 ug/ml
10) T n-Eicosane (C20)	12.402	12354654	94.353 ug/ml
11) T n-Heneicosane (C21)	13.012	12118745	94.335 ug/ml
13) T n-Docosane (C22)	13.597	12005973	94.391 ug/ml
14) T n-Tetracosane (C24)	14.698	11896995	93.796 ug/ml
15) T n-Hexacosane (C26)	15.717	11665189	93.583 ug/ml
16) T n-Octacosane (C28)	16.665	11335206	92.510 ug/ml
17) T n-Tricontane (C30)	17.553	11523544	90.549 ug/ml
18) T n-Dotriacontane (C32)	18.383	11127915	89.537 ug/ml
19) T n-Tetratriacontane (C34)	19.166	10388704	90.081 ug/ml
20) T n-Hexatriacontane (C36)	19.904	9262420	91.045 ug/ml
21) T n-Octatriacontane (C38)	20.615	8581035	92.239 ug/ml
22) T n-Tetracontane (C40)	21.469	8080212	93.109 ug/ml

(f)=RT Delta > 1/2 Window

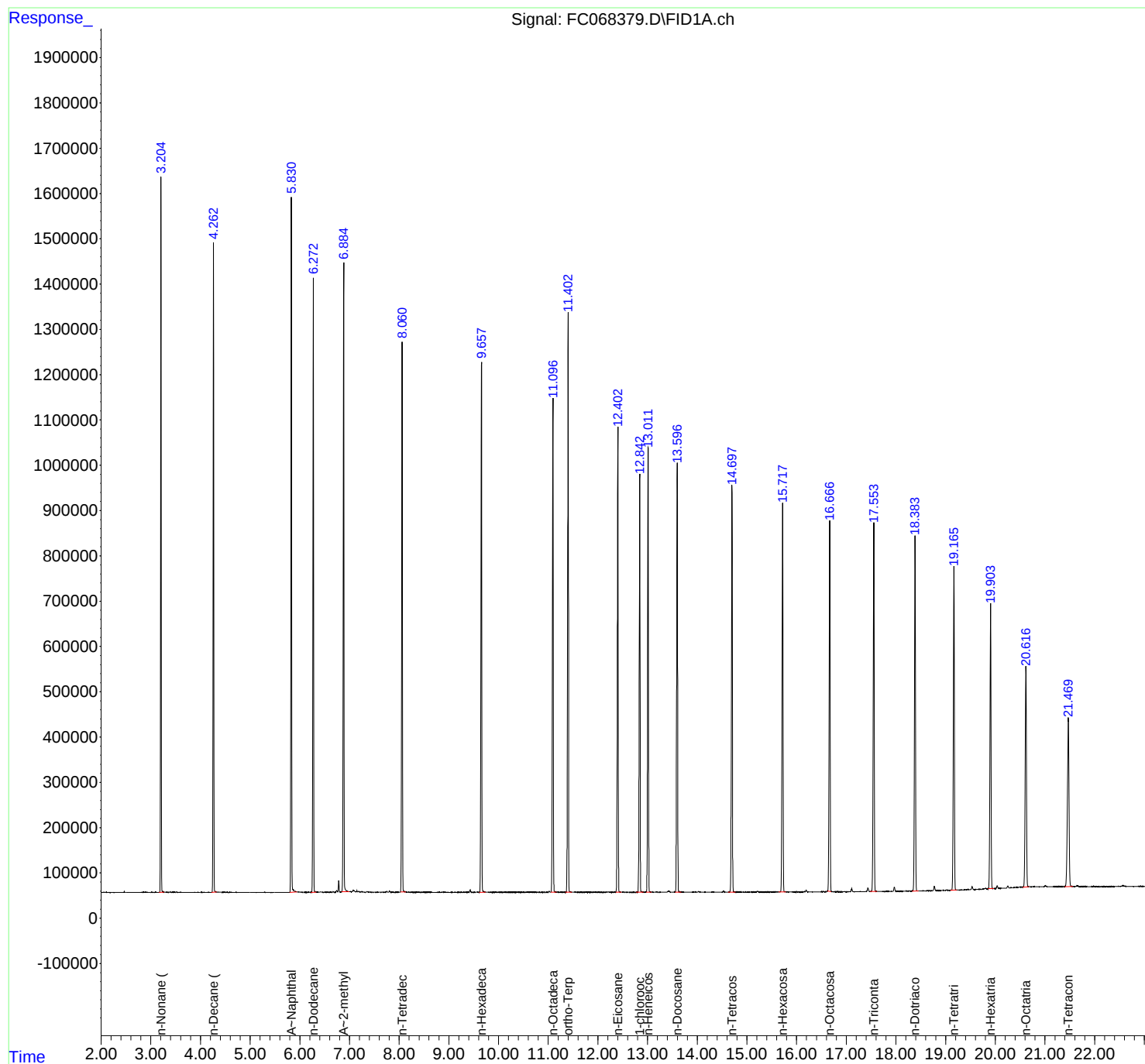
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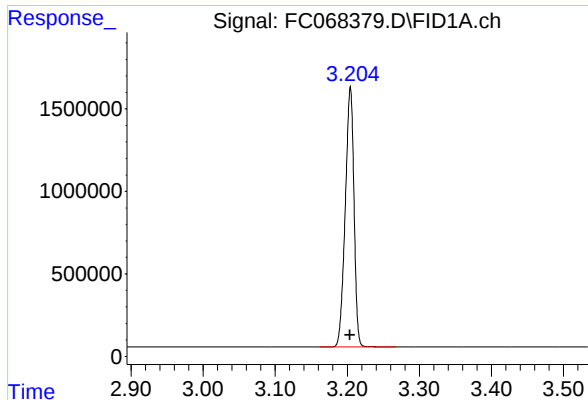
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
Data File : FC068379.D
Signal(s) : FID1A.ch
Acq On : 06 Mar 2025 09:36
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

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FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Mar 06 11:27:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 11:25:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

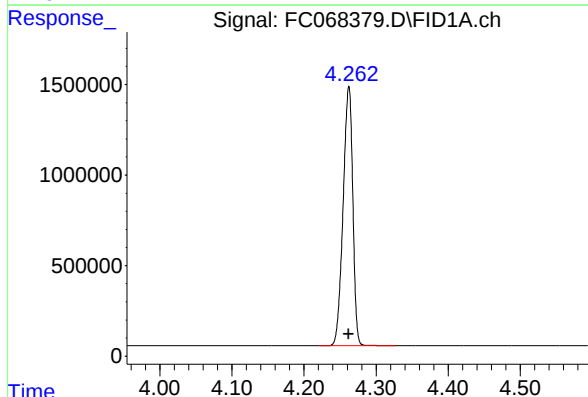




#1 n-Nonane (C9)

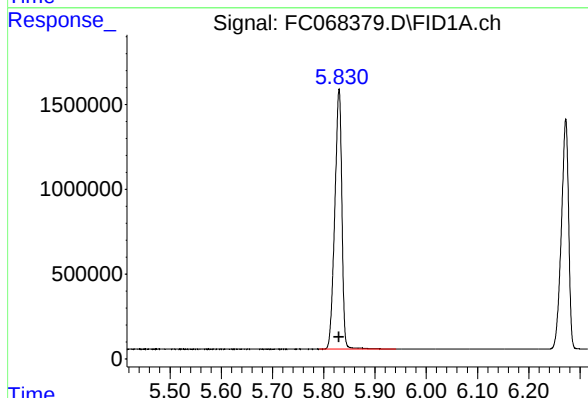
R.T.: 3.204 min
Delta R.T.: 0.000 min
Response: 13239636
Conc: 94.18 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



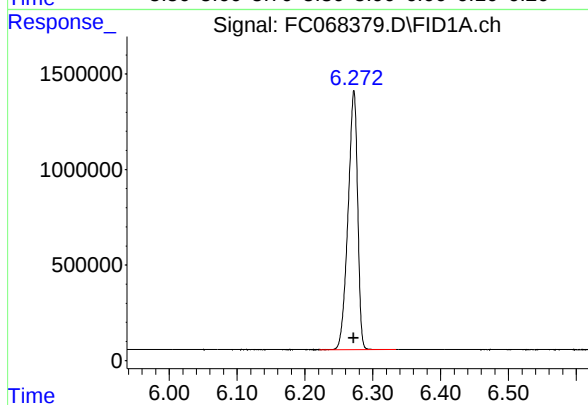
#2 n-Decane (C10)

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 13392626
Conc: 94.24 ug/ml



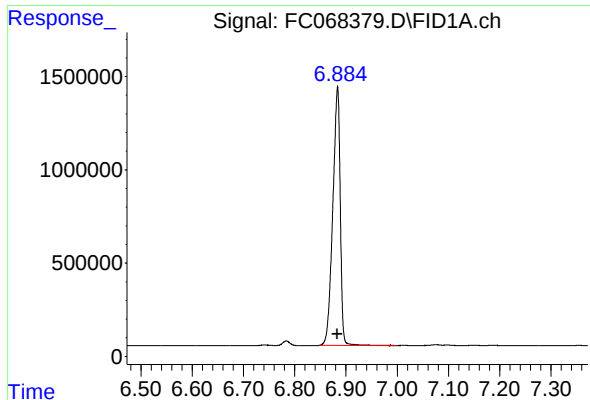
#3 A~Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 14751444
Conc: 95.46 ug/ml



#4 n-Dodecane (C12)

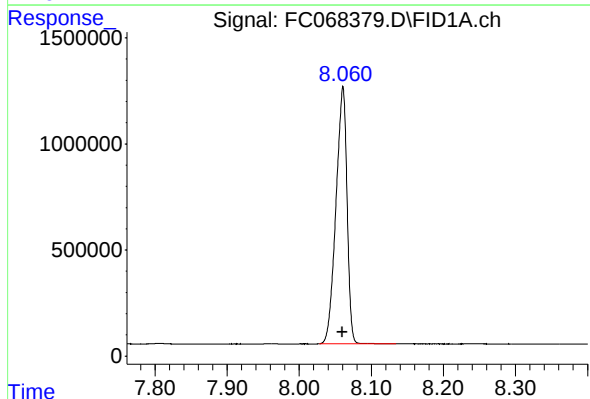
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 13322377
Conc: 94.26 ug/ml



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

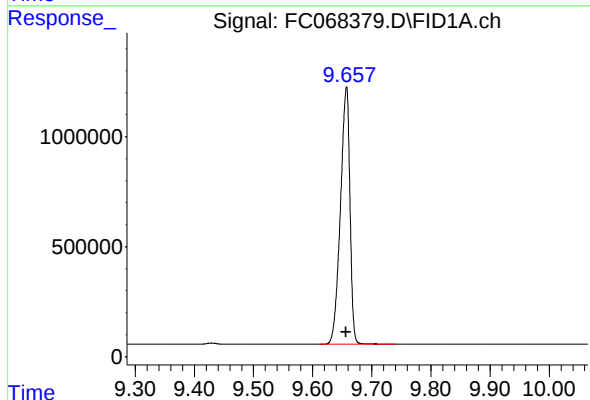
R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 14034186
Conc: 95.91 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



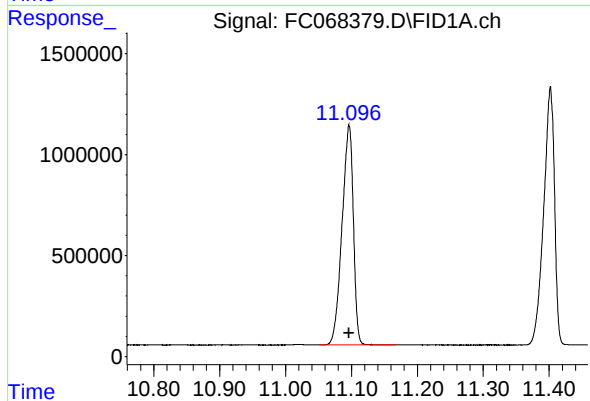
#6 n-Tetradecane (C14)

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 12937512
Conc: 94.60 ug/ml



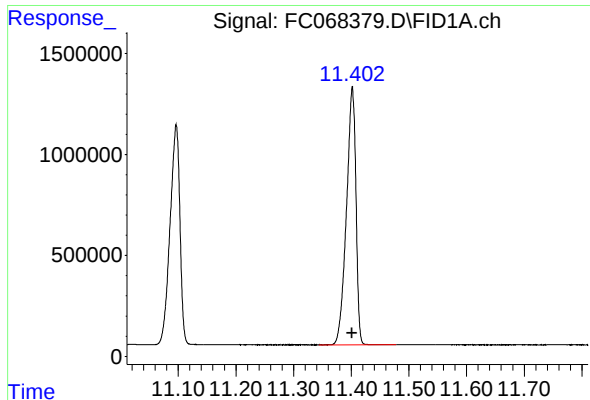
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 13064021
Conc: 94.75 ug/ml



#8 n-Octadecane (C18)

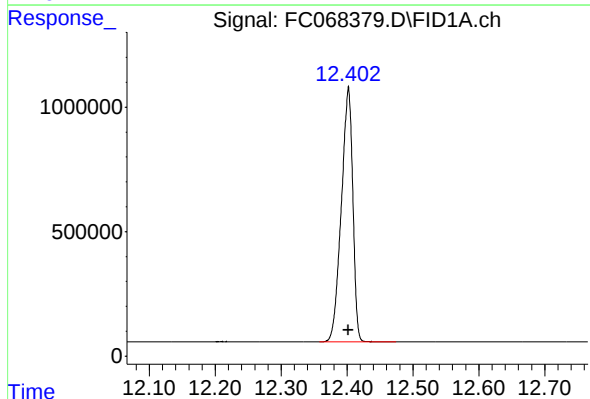
R.T.: 11.096 min
Delta R.T.: 0.000 min
Response: 12988915
Conc: 94.58 ug/ml



#9 ortho-Terphenyl (SURR)

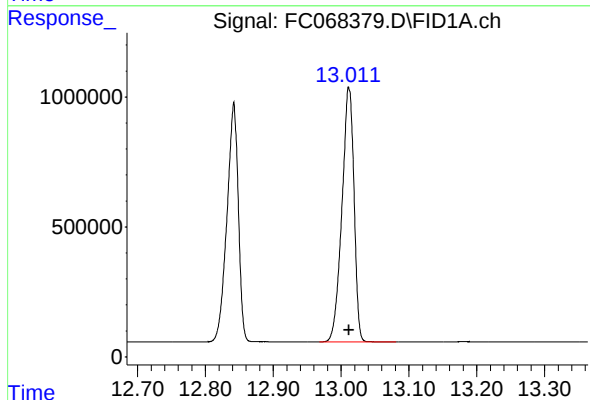
R.T.: 11.402 min
Delta R.T.: 0.000 min
Response: 14584967
Conc: 94.56 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



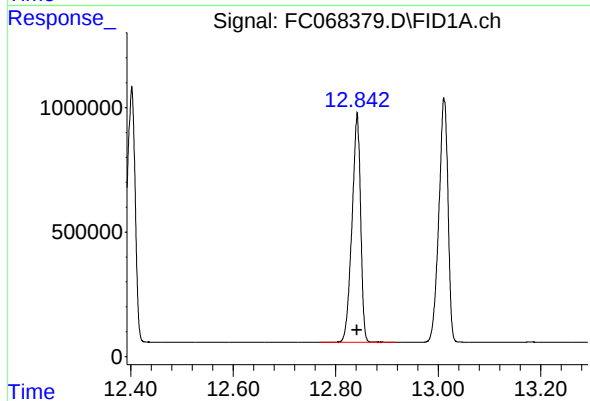
#10 n-Eicosane (C20)

R.T.: 12.402 min
Delta R.T.: 0.000 min
Response: 12354654
Conc: 94.35 ug/ml



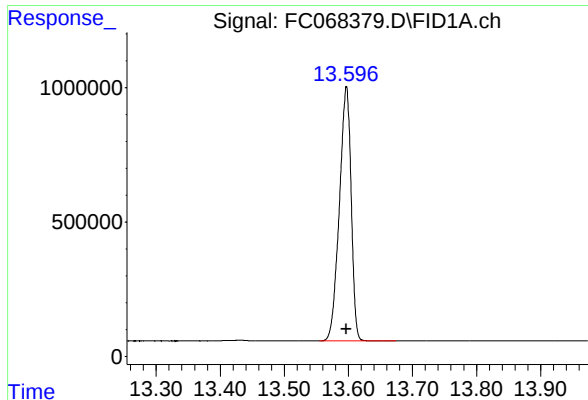
#11 n-Heneicosane (C21)

R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 12118745
Conc: 94.33 ug/ml



#12 1-chlorooctadecane (SURR)

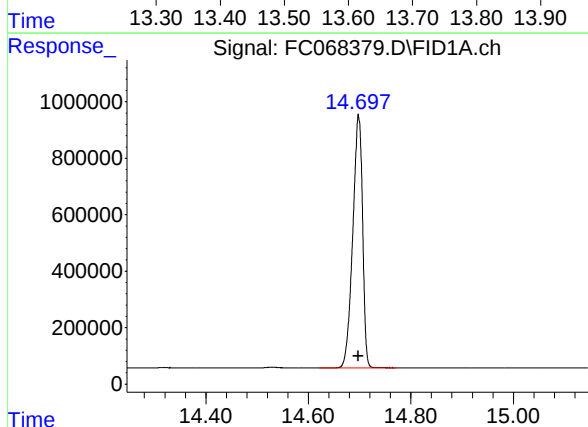
R.T.: 12.842 min
Delta R.T.: 0.000 min
Response: 10728556
Conc: 95.12 ug/ml



#13 n-Docosane (C22)

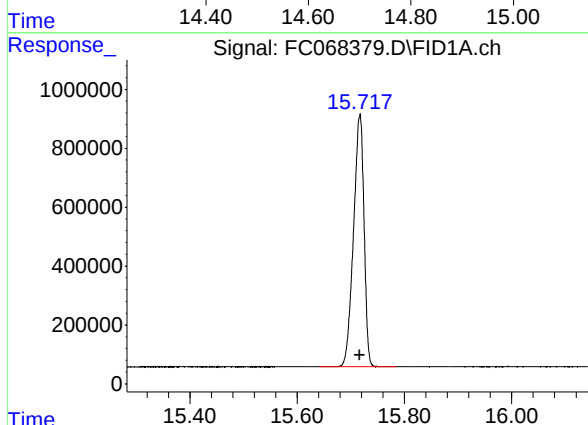
R.T.: 13.597 min
Delta R.T.: 0.000 min
Response: 12005973
Conc: 94.39 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



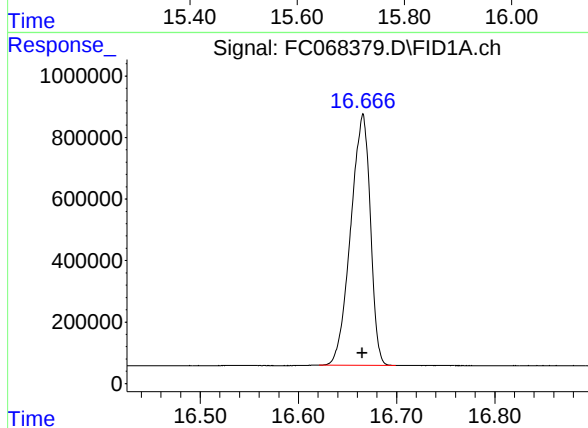
#14 n-Tetracosane (C24)

R.T.: 14.698 min
Delta R.T.: 0.000 min
Response: 11896995
Conc: 93.80 ug/ml



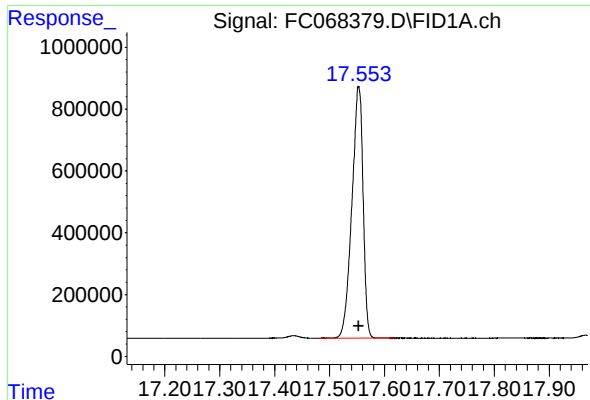
#15 n-Hexacosane (C26)

R.T.: 15.717 min
Delta R.T.: 0.000 min
Response: 11665189
Conc: 93.58 ug/ml



#16 n-Octacosane (C28)

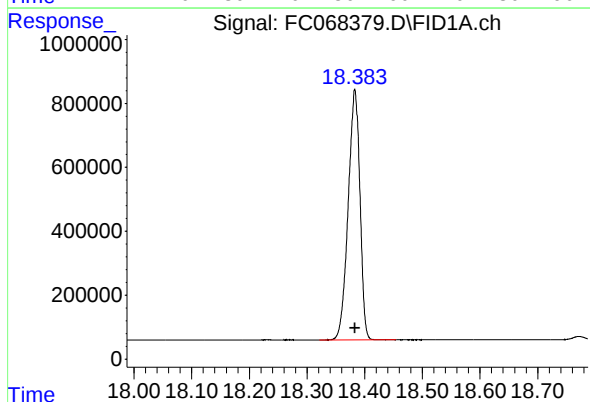
R.T.: 16.665 min
Delta R.T.: 0.000 min
Response: 11335206
Conc: 92.51 ug/ml



#17 n-Tricontane (C30)

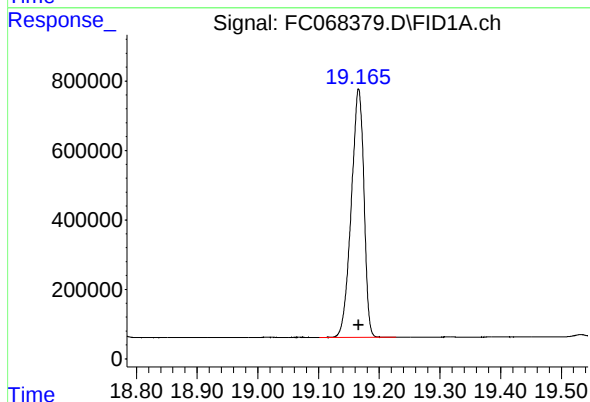
R.T.: 17.553 min
Delta R.T.: 0.000 min
Response: 11523544
Conc: 90.55 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



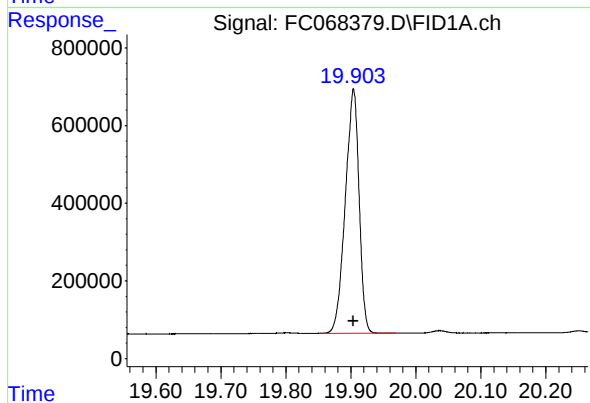
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: 0.000 min
Response: 11127915
Conc: 89.54 ug/ml



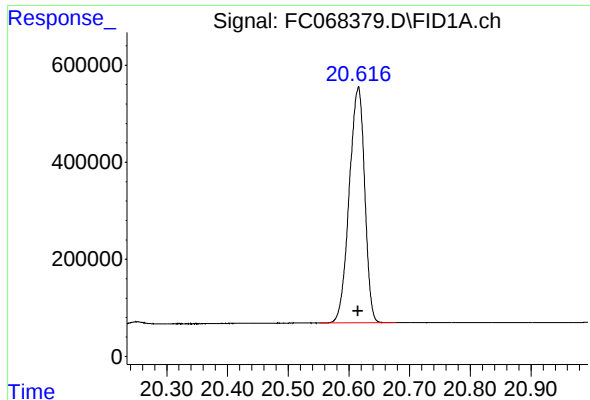
#19 n-Tetratriacontane (C34)

R.T.: 19.166 min
Delta R.T.: 0.000 min
Response: 10388704
Conc: 90.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.904 min
Delta R.T.: 0.000 min
Response: 9262420
Conc: 91.04 ug/ml



#21 n-Octatriacontane (C38)

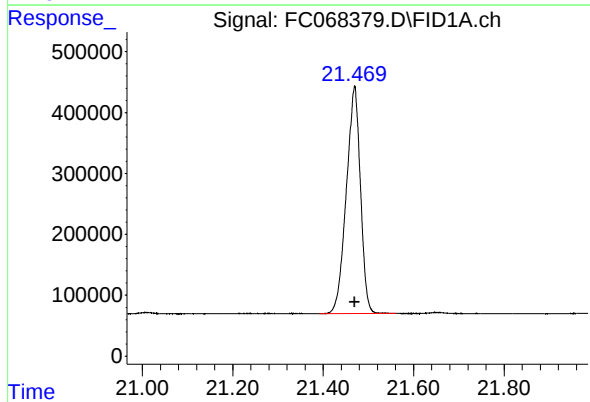
R.T.: 20.615 min
Delta R.T.: 0.000 min
Response: 8581035
Conc: 92.24 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.469 min
Delta R.T.: 0.000 min
Response: 8080212
Conc: 93.11 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068379.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 09:36
 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 030625.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	3.204	3.161	3.268	BB	1577230	13239636	89.75%	5.027%
2	4.262	4.221	4.328	BB	1416479	13392626	90.79%	5.085%
3	5.830	5.791	5.941	BB	1557459	14751444	100.00%	5.601%
4	6.272	6.221	6.334	BB	1336893	13322377	90.31%	5.058%
5	6.883	6.848	6.998	BB	1413786	14034186	95.14%	5.328%
6	8.060	8.028	8.134	BB	1221799	12937512	87.70%	4.912%
7	9.657	9.611	9.741	BB	1185917	13064021	88.56%	4.960%
8	11.096	11.051	11.168	BV	1099792	12988915	88.05%	4.932%
9	11.402	11.344	11.478	BB	1267801	14584967	98.87%	5.538%
10	12.402	12.358	12.474	BB	1005606	12354654	83.75%	4.691%
11	12.842	12.768	12.918	BB	907231	10728556	72.73%	4.073%
12	13.012	12.968	13.081	BB	983063	12118745	82.15%	4.601%
13	13.597	13.554	13.674	BB	954435	12005973	81.39%	4.558%
14	14.698	14.621	14.771	BB	894812	11896995	80.65%	4.517%
15	15.717	15.641	15.784	BB	859600	11665189	79.08%	4.429%
16	16.665	16.621	16.699	BBA	801077	11335206	76.84%	4.304%
17	17.553	17.481	17.621	BB	814358	11523544	78.12%	4.375%
18	18.383	18.321	18.454	BB	777694	11127915	75.44%	4.225%
19	19.166	19.101	19.228	BB	713571	10388704	70.42%	3.944%
20	19.904	19.851	19.969	BBA	629661	9262420	62.79%	3.517%
21	20.615	20.551	20.678	BB	482430	8581035	58.17%	3.258%
22	21.469	21.391	21.561	BB	374721	8080212	54.78%	3.068%
Sum of corrected areas:						263384830		

Aliphatic EPH 030625.M Thu Mar 06 13:19:40 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068380.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 10:13
 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: Mar 06 11:29:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
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Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
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Spiked Amount 50.000		Recovery =	98.82%
12) S 1-chlorooctadecane (S...	12.838	5553643	49.490 ug/ml
Spiked Amount 50.000		Recovery =	98.98%
Target Compounds			
1) T n-Nonane (C9)	3.201	6940243	49.579 ug/ml
2) T n-Decane (C10)	4.259	7001823	49.509 ug/ml
3) T A~Naphthalene (C11.7)	5.825	7660578	49.714 ug/ml
4) T n-Dodecane (C12)	6.268	6936294	49.380 ug/ml
5) T A~2-methylnaphthalene...	6.878	7236869	49.637 ug/ml
6) T n-Tetradecane (C14)	8.057	6700089	49.324 ug/ml
7) T n-Hexadecane (C16)	9.653	6761067	49.353 ug/ml
8) T n-Octadecane (C18)	11.092	6743951	49.399 ug/ml
10) T n-Eicosane (C20)	12.397	6436740	49.435 ug/ml
11) T n-Heneicosane (C21)	13.008	6310737	49.413 ug/ml
13) T n-Docosane (C22)	13.592	6260913	49.479 ug/ml
14) T n-Tetracosane (C24)	14.693	6297705	49.767 ug/ml
15) T n-Hexacosane (C26)	15.712	6193983	49.793 ug/ml
16) T n-Octacosane (C28)	16.661	6034161	49.495 ug/ml
17) T n-Tricontane (C30)	17.547	6153994	48.892 ug/ml
18) T n-Dotriacontane (C32)	18.379	5932451	48.466 ug/ml
19) T n-Tetratriacontane (C34)	19.161	5583854	48.934 ug/ml
20) T n-Hexatriacontane (C36)	19.900	4936360	49.005 ug/ml
21) T n-Octatriacontane (C38)	20.610	4580320	49.487 ug/ml
22) T n-Tetracontane (C40)	21.463	4345463	50.049 ug/ml

(f)=RT Delta > 1/2 Window

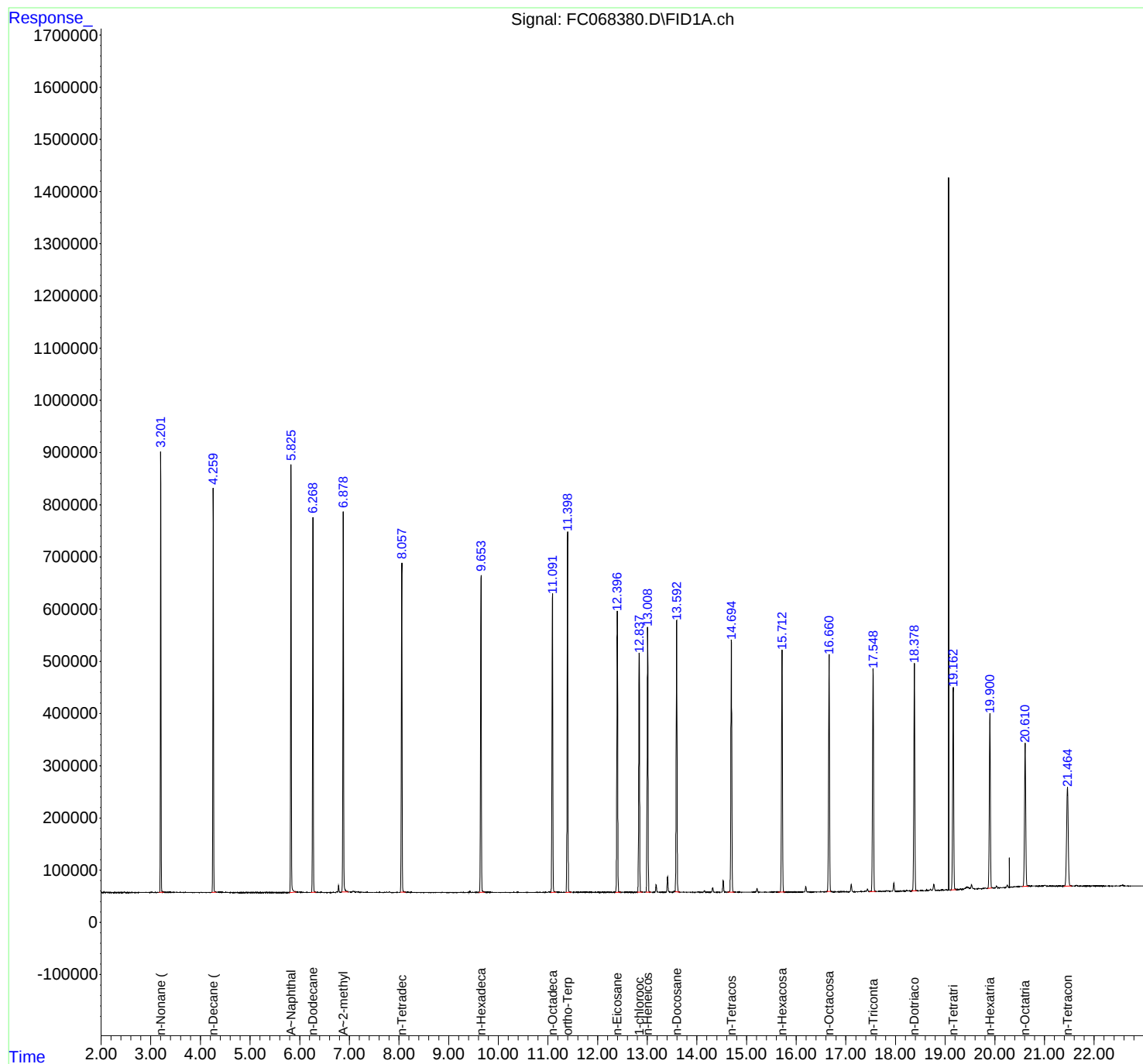
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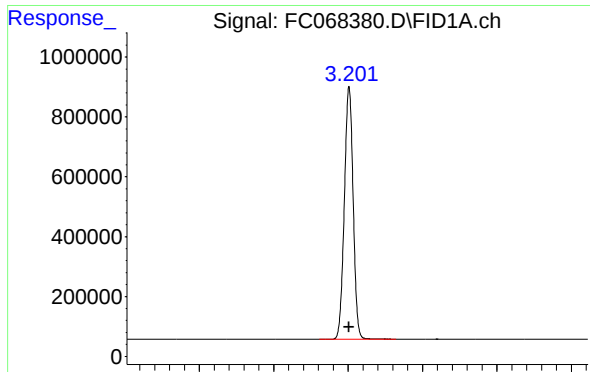
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Data File : FC068380.D
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
50 PPM ALIPHATIC HC STD2

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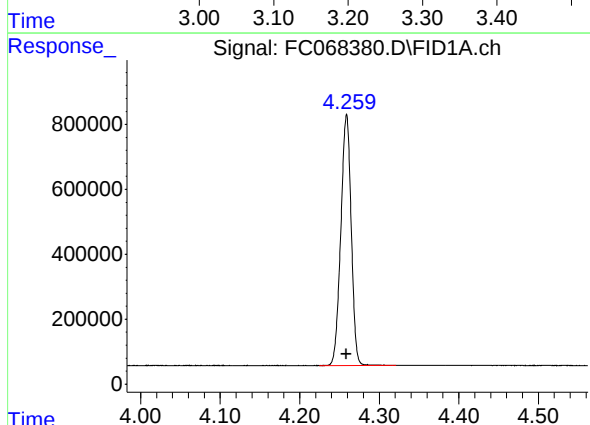




#1 n-Nonane (C9)

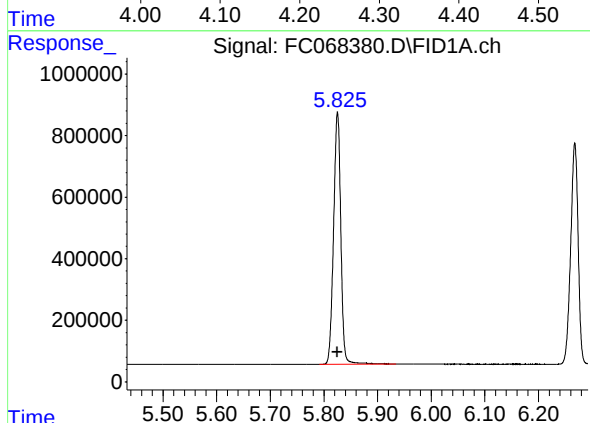
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 6940243
Conc: 49.58 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



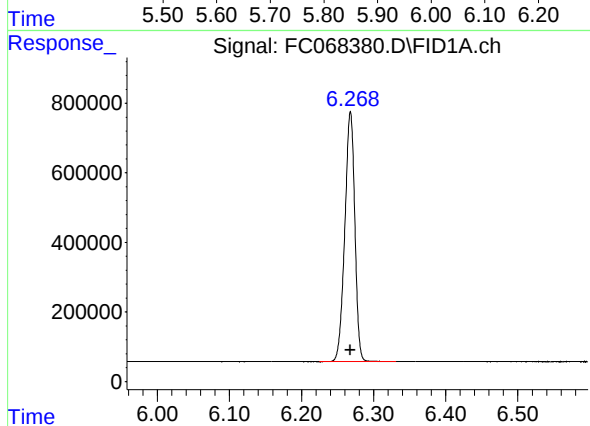
#2 n-Decane (C10)

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 7001823
Conc: 49.51 ug/ml



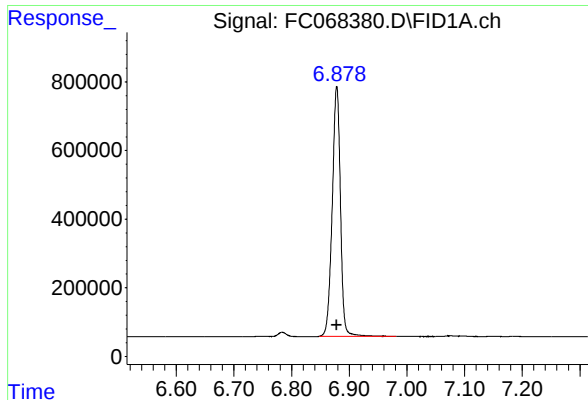
#3 A~Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 7660578
Conc: 49.71 ug/ml



#4 n-Dodecane (C12)

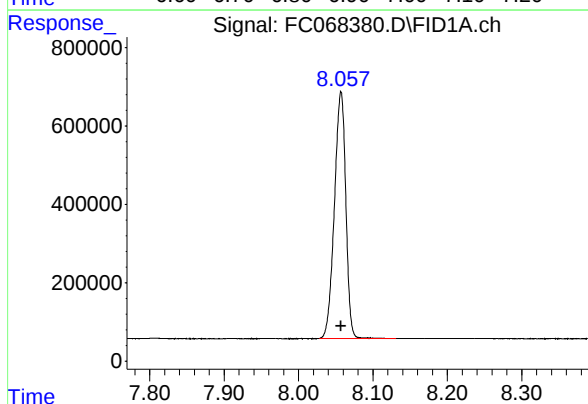
R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 6936294
Conc: 49.38 ug/ml



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

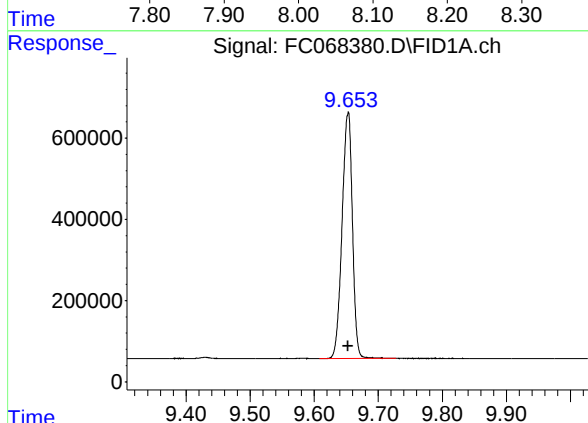
R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 7236869
Conc: 49.64 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



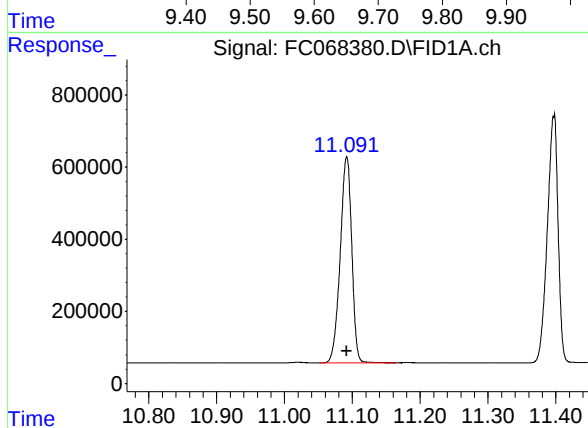
#6 n-Tetradecane (C14)

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 6700089
Conc: 49.32 ug/ml



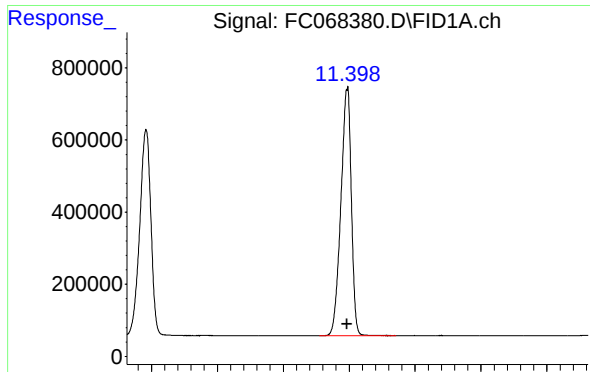
#7 n-Hexadecane (C16)

R.T.: 9.653 min
Delta R.T.: 0.000 min
Response: 6761067
Conc: 49.35 ug/ml



#8 n-Octadecane (C18)

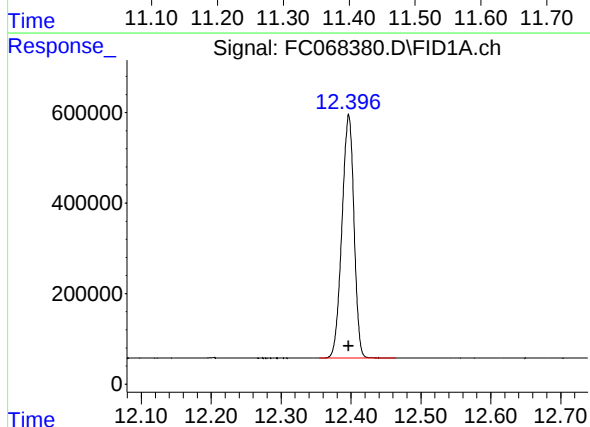
R.T.: 11.092 min
Delta R.T.: 0.000 min
Response: 6743951
Conc: 49.40 ug/ml



#9 ortho-Terphenyl (SURR)

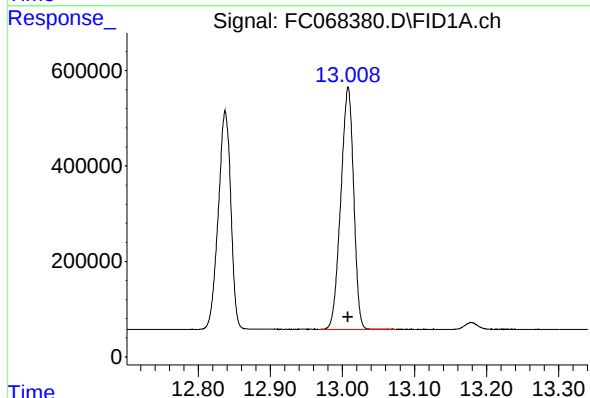
R.T.: 11.397 min
Delta R.T.: 0.000 min
Response: 7576638
Conc: 49.41 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



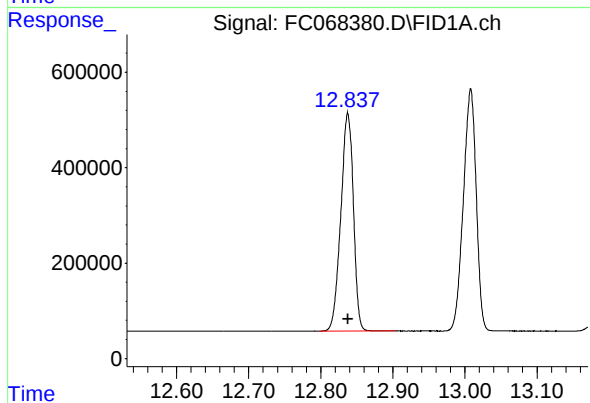
#10 n-Eicosane (C20)

R.T.: 12.397 min
Delta R.T.: 0.000 min
Response: 6436740
Conc: 49.44 ug/ml



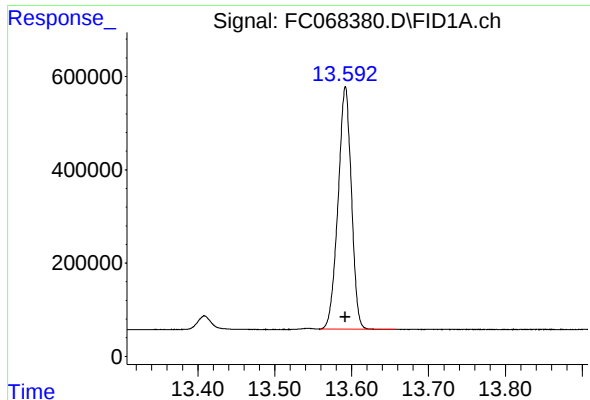
#11 n-Heneicosane (C21)

R.T.: 13.008 min
Delta R.T.: 0.000 min
Response: 6310737
Conc: 49.41 ug/ml



#12 1-chlorooctadecane (SURR)

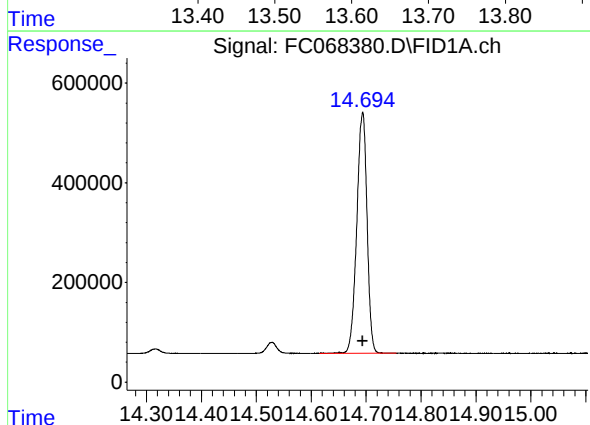
R.T.: 12.838 min
Delta R.T.: 0.000 min
Response: 5553643
Conc: 49.49 ug/ml



#13 n-Docosane (C22)

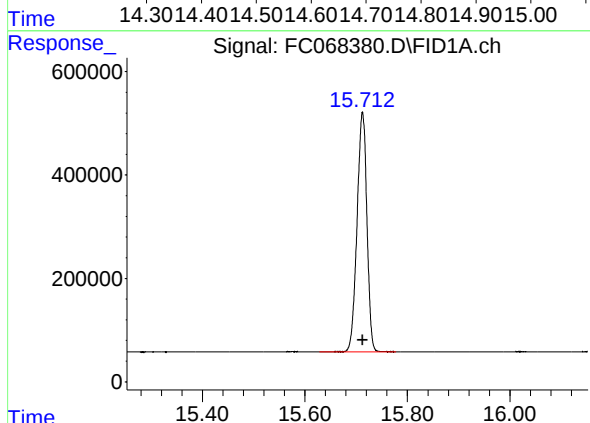
R.T.: 13.592 min
Delta R.T.: 0.000 min
Response: 6260913
Conc: 49.48 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



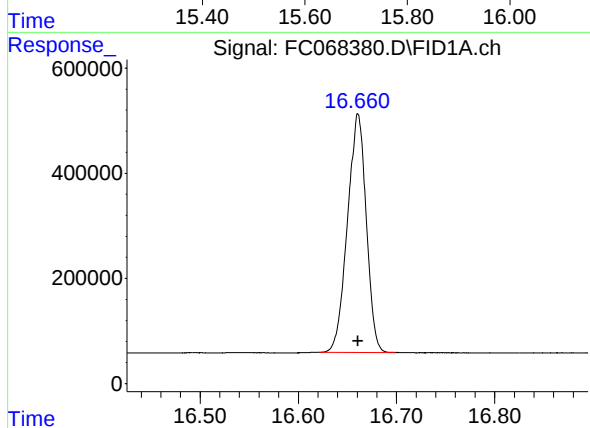
#14 n-Tetracosane (C24)

R.T.: 14.693 min
Delta R.T.: 0.000 min
Response: 6297705
Conc: 49.77 ug/ml



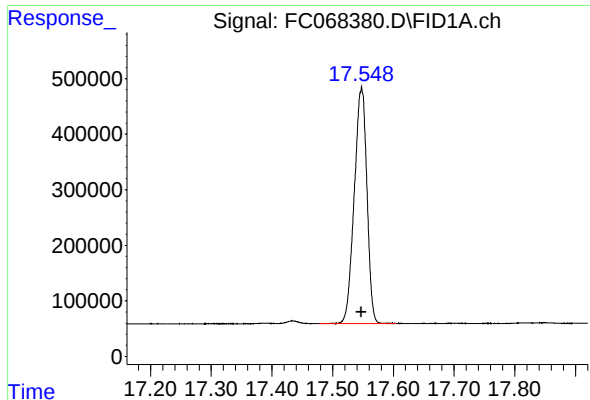
#15 n-Hexacosane (C26)

R.T.: 15.712 min
Delta R.T.: 0.000 min
Response: 6193983
Conc: 49.79 ug/ml



#16 n-Octacosane (C28)

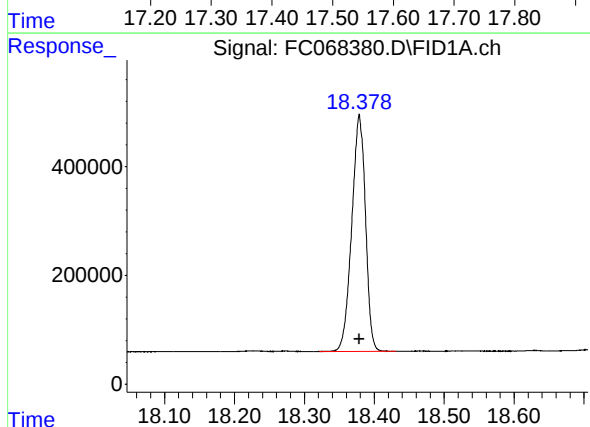
R.T.: 16.661 min
Delta R.T.: 0.000 min
Response: 6034161
Conc: 49.50 ug/ml



#17 n-Tricontane (C30)

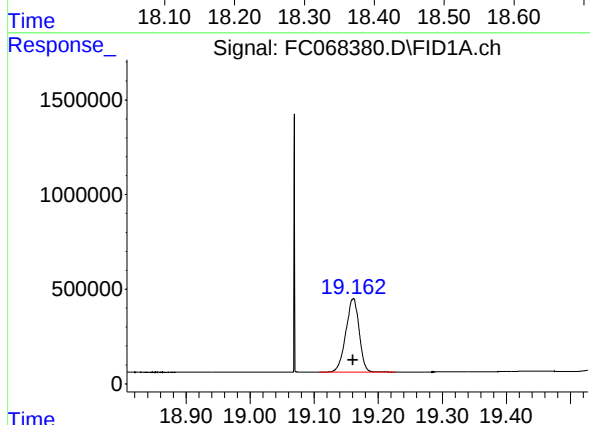
R.T.: 17.547 min
Delta R.T.: 0.000 min
Response: 6153994
Conc: 48.89 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



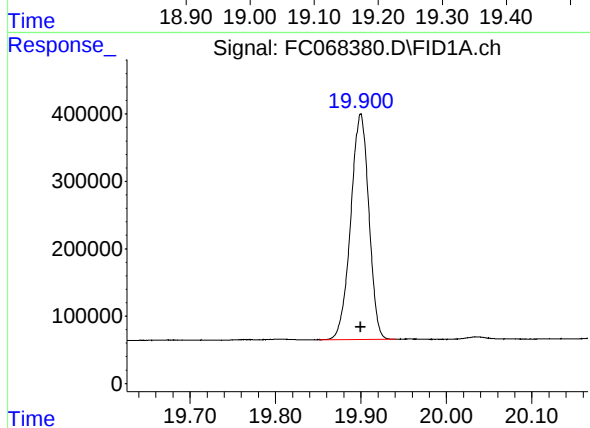
#18 n-Dotriacontane (C32)

R.T.: 18.379 min
Delta R.T.: 0.000 min
Response: 5932451
Conc: 48.47 ug/ml



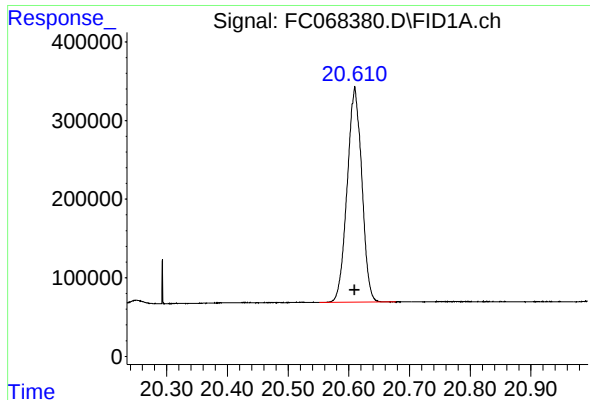
#19 n-Tetratriacontane (C34)

R.T.: 19.161 min
Delta R.T.: 0.000 min
Response: 5583854
Conc: 48.93 ug/ml



#20 n-Hexatriacontane (C36)

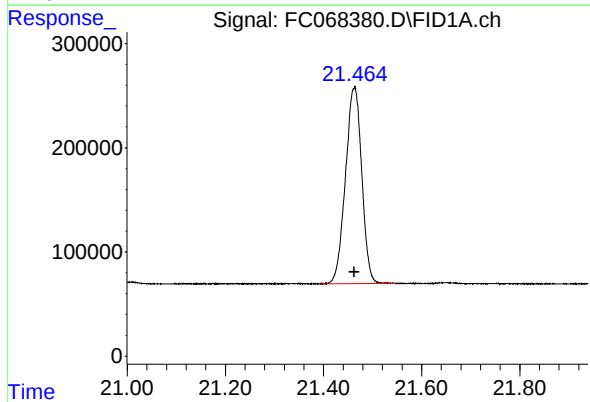
R.T.: 19.900 min
Delta R.T.: 0.000 min
Response: 4936360
Conc: 49.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.610 min
Delta R.T.: 0.000 min
Response: 4580320
Conc: 49.49 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.463 min
Delta R.T.: 0.000 min
Response: 4345463
Conc: 50.05 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068380.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 10:13
 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 030625.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	3.201	3.161	3.264	BB	842112	6940243	90.60%	5.023%
2	4.259	4.224	4.321	BB	764782	7001823	91.40%	5.067%
3	5.825	5.791	5.934	BB	814305	7660578	100.00%	5.544%
4	6.268	6.224	6.331	BB	718906	6936294	90.55%	5.020%
5	6.878	6.848	6.981	BB	727710	7236869	94.47%	5.237%
6	8.057	8.028	8.131	BB	633408	6700089	87.46%	4.849%
7	9.653	9.608	9.728	BB	602694	6761067	88.26%	4.893%
8	11.092	11.051	11.164	BB	571530	6743951	88.03%	4.881%
9	11.397	11.354	11.471	BB	698569	7576638	98.90%	5.483%
10	12.397	12.354	12.464	BB	539179	6436740	84.02%	4.658%
11	12.838	12.798	12.904	BB	455494	5553643	72.50%	4.019%
12	13.008	12.968	13.074	BB	507702	6310737	82.38%	4.567%
13	13.592	13.558	13.658	BB	516872	6260913	81.73%	4.531%
14	14.693	14.614	14.754	BB	486648	6297705	82.21%	4.558%
15	15.712	15.628	15.778	BB	462685	6193983	80.86%	4.483%
16	16.661	16.621	16.699	BBA	455532	6034161	78.77%	4.367%
17	17.547	17.478	17.604	BB	422995	6153994	80.33%	4.454%
18	18.379	18.321	18.431	BB	431962	5932451	77.44%	4.293%
19	19.161	19.108	19.228	BB	387912	5583854	72.89%	4.041%
20	19.900	19.851	19.941	BB	335104	4936360	64.44%	3.572%
21	20.610	20.551	20.678	BB	271398	4580320	59.79%	3.315%
22	21.463	21.391	21.548	BB	189375	4345463	56.73%	3.145%
Sum of corrected areas:						138177875		

Aliphatic EPH 030625.M Thu Mar 06 13:20:15 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068381.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 10:50
 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: Mar 06 11:25:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 11:25:24 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)	11.393	3252665	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.836	2365879	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.201	2974939	20.000 ug/ml
2) T n-Decane (C10)	4.258	3006238	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.824	3231104	20.000 ug/ml
4) T n-Dodecane (C12)	6.266	2989053	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.877	3046107	20.000 ug/ml
6) T n-Tetradecane (C14)	8.055	2882706	20.000 ug/ml
7) T n-Hexadecane (C16)	9.650	2902492	20.000 ug/ml
8) T n-Octadecane (C18)	11.088	2895770	20.000 ug/ml
10) T n-Eicosane (C20)	12.394	2766703	20.000 ug/ml
11) T n-Heneicosane (C21)	13.005	2714878	20.000 ug/ml
13) T n-Docosane (C22)	13.589	2686585	20.000 ug/ml
14) T n-Tetracosane (C24)	14.690	2694142	20.000 ug/ml
15) T n-Hexacosane (C26)	15.709	2652977	20.000 ug/ml
16) T n-Octacosane (C28)	16.657	2634144	20.000 ug/ml
17) T n-Tricontane (C30)	17.544	2785826	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.376	2745712	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.157	2535324	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.897	2216916	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.609	2004994	20.000 ug/ml
22) T n-Tetracontane (C40)	21.460	1855247	20.000 ug/ml

(f)=RT Delta > 1/2 Window

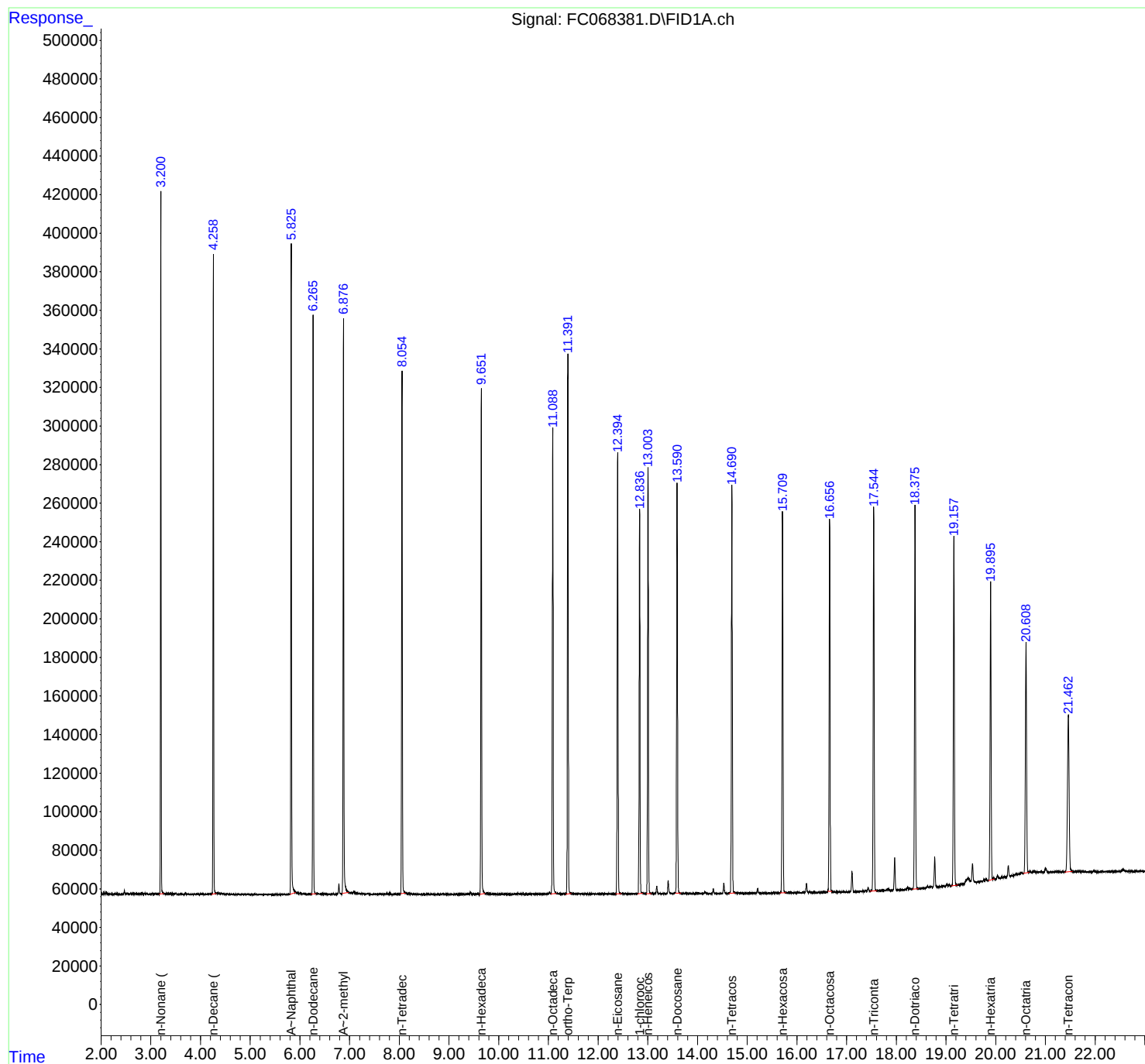
(m)=manual int.

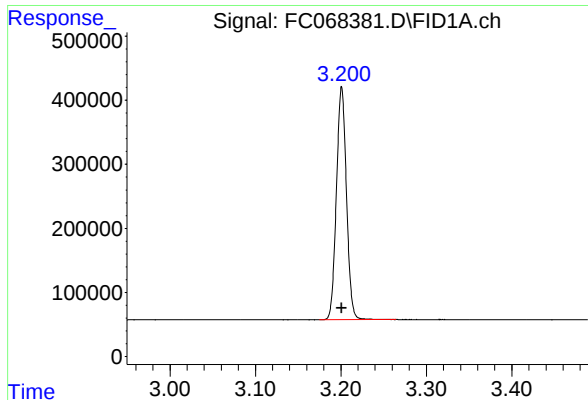
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
Data File : FC068381.D
Signal(s) : FID1A.ch
Acq On : 06 Mar 2025 10:50
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Mar 06 11:25:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 11:25:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

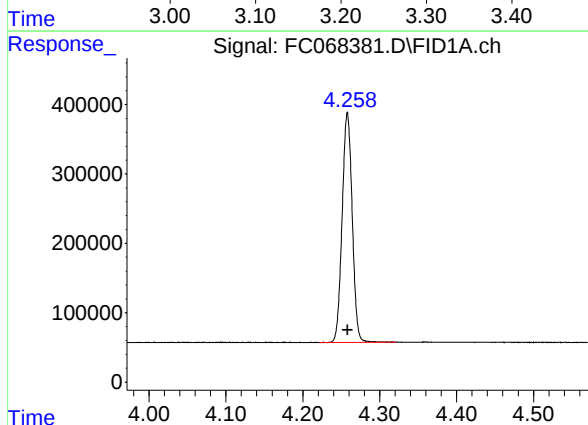




#1 n-Nonane (C9)

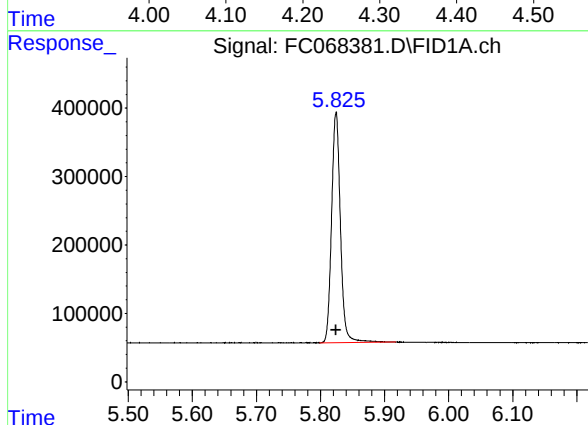
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 2974939
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



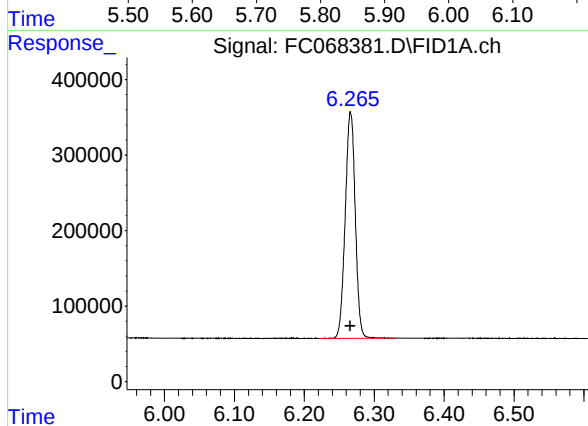
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 3006238
Conc: 20.00 ug/ml



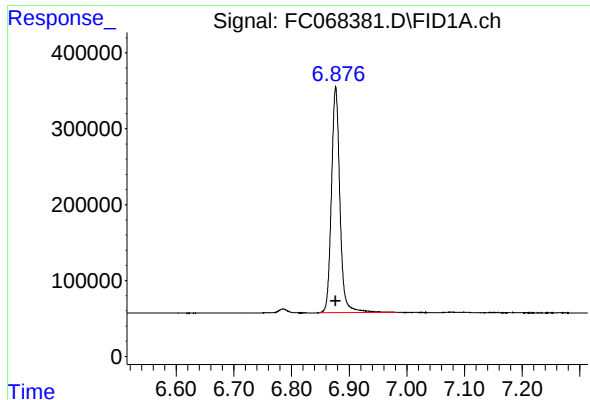
#3 A~Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 3231104
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

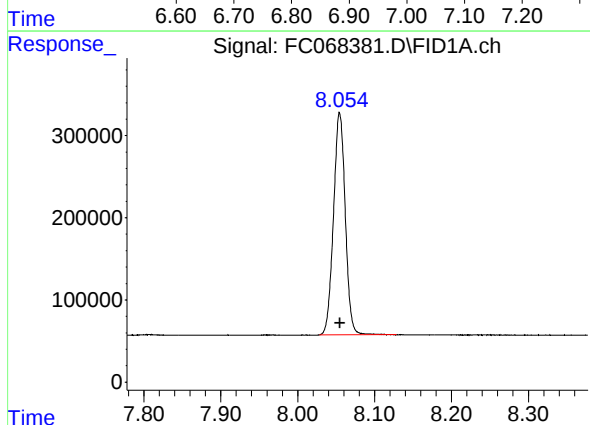
R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 2989053
Conc: 20.00 ug/ml



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

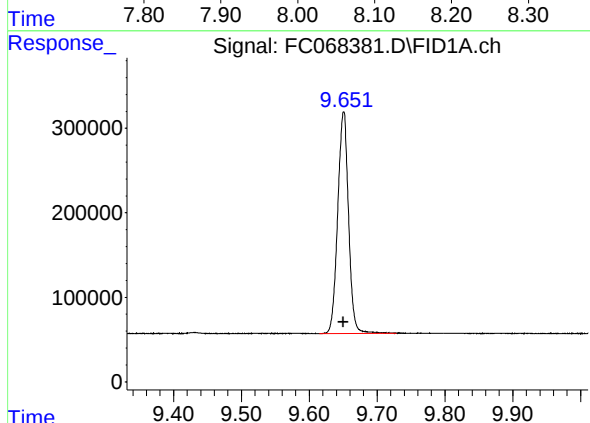
R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 3046107
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



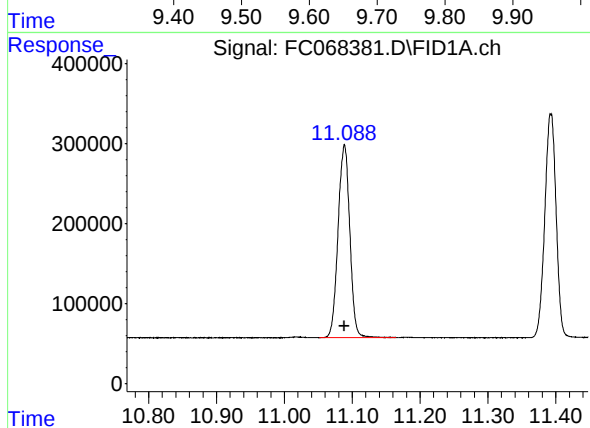
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 2882706
Conc: 20.00 ug/ml



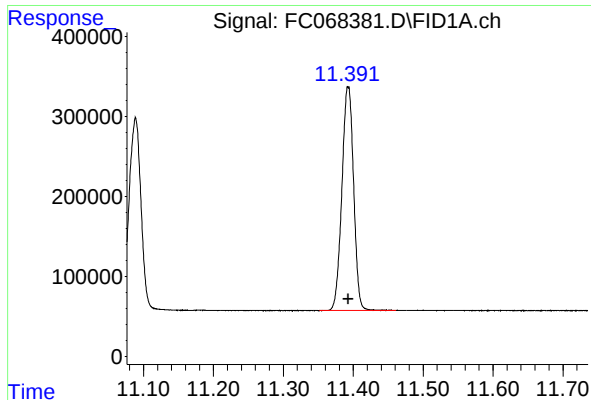
#7 n-Hexadecane (C16)

R.T.: 9.650 min
Delta R.T.: 0.000 min
Response: 2902492
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

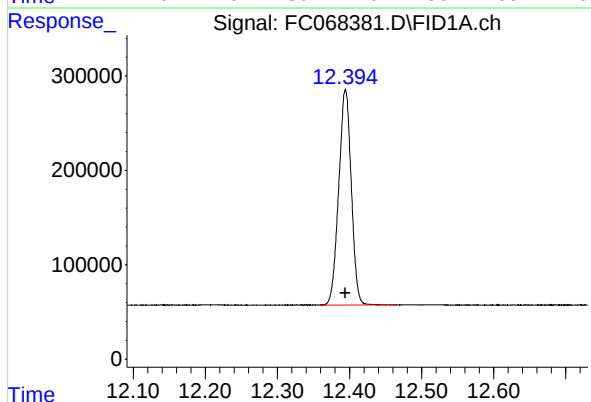
R.T.: 11.088 min
Delta R.T.: 0.000 min
Response: 2895770
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

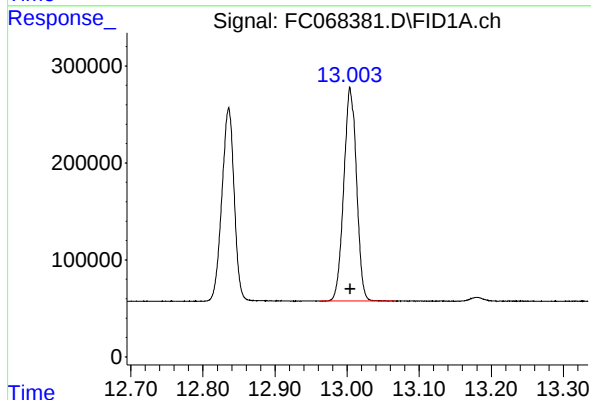
R.T.: 11.393 min
Delta R.T.: 0.000 min
Response: 3252665
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



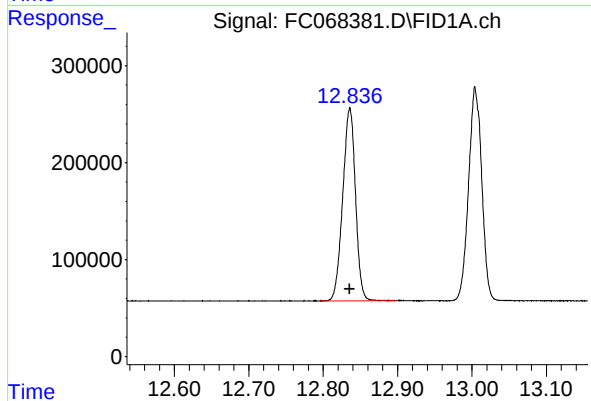
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: 0.000 min
Response: 2766703
Conc: 20.00 ug/ml



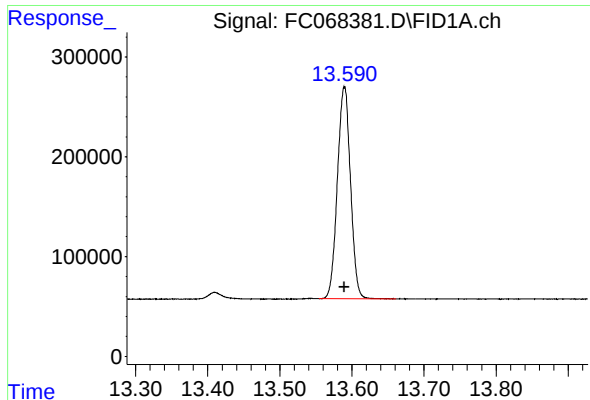
#11 n-Heneicosane (C21)

R.T.: 13.005 min
Delta R.T.: 0.000 min
Response: 2714878
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

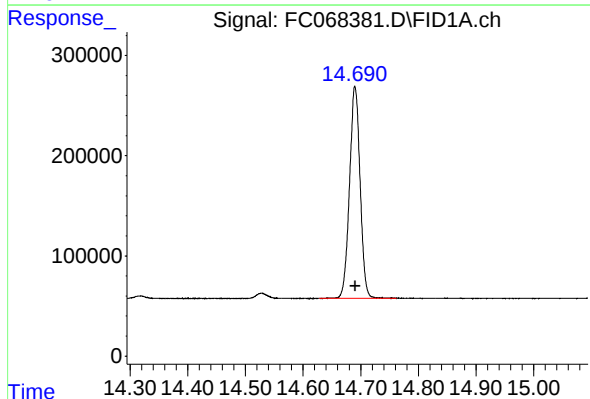
R.T.: 12.836 min
Delta R.T.: 0.000 min
Response: 2365879
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

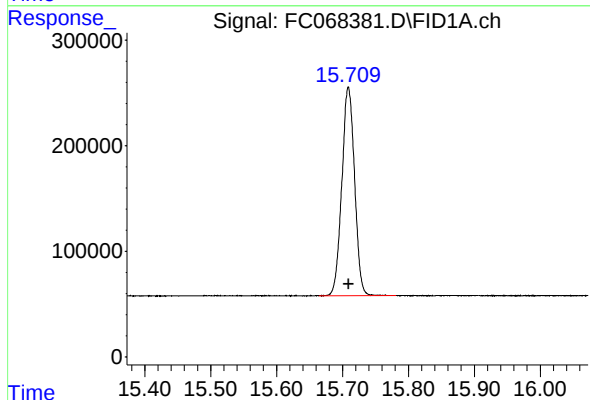
R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 2686585
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



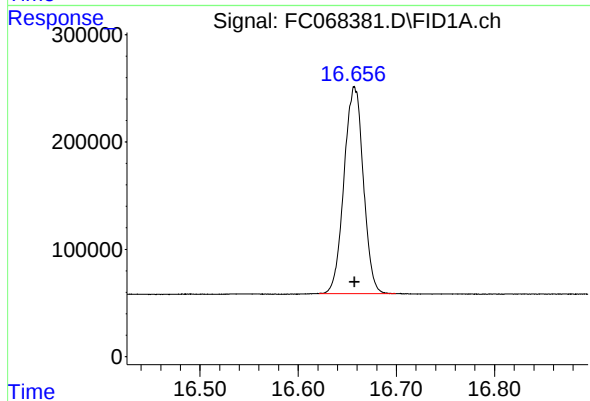
#14 n-Tetracosane (C24)

R.T.: 14.690 min
Delta R.T.: 0.000 min
Response: 2694142
Conc: 20.00 ug/ml



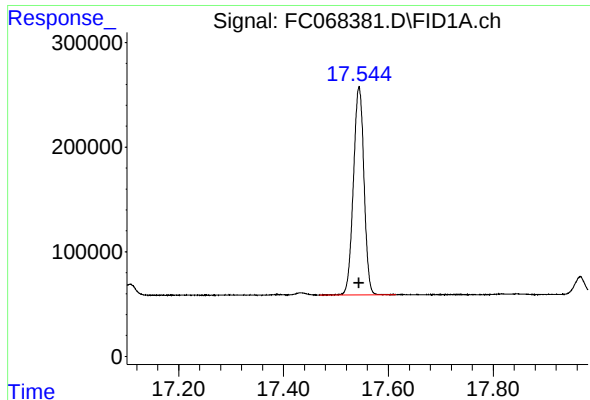
#15 n-Hexacosane (C26)

R.T.: 15.709 min
Delta R.T.: 0.000 min
Response: 2652977
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

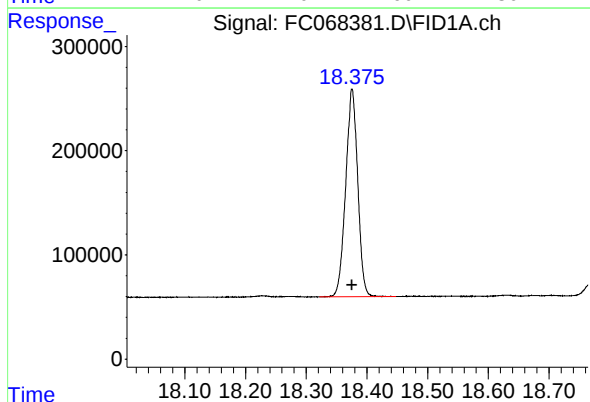
R.T.: 16.657 min
Delta R.T.: 0.000 min
Response: 2634144
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

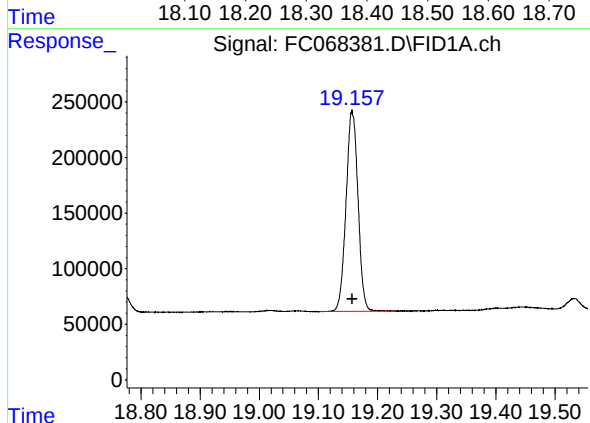
R.T.: 17.544 min
Delta R.T.: 0.000 min
Response: 2785826
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



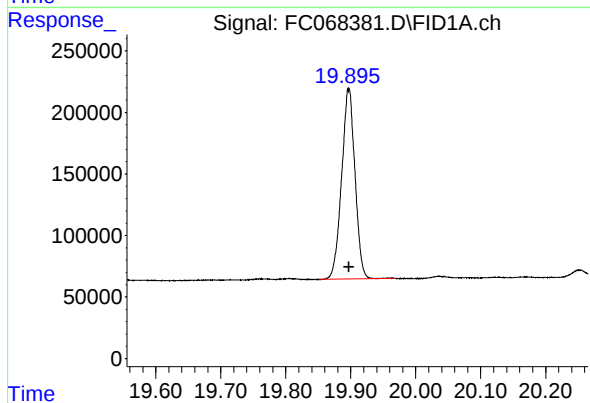
#18 n-Dotriacontane (C32)

R.T.: 18.376 min
Delta R.T.: 0.000 min
Response: 2745712
Conc: 20.00 ug/ml



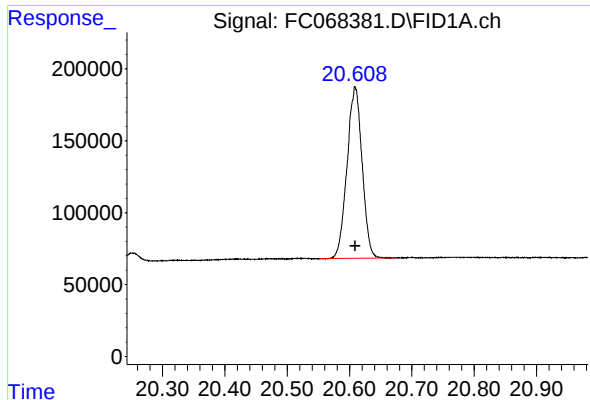
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: 0.000 min
Response: 2535324
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

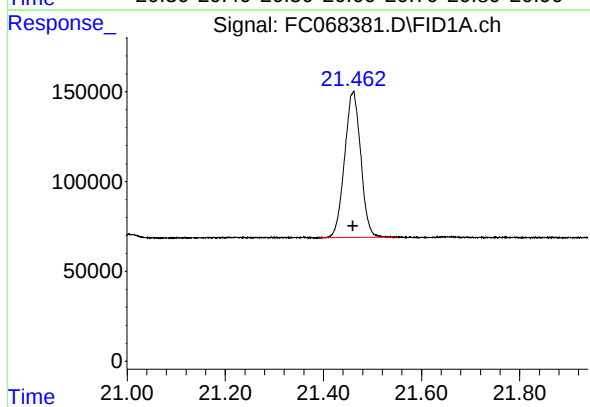
R.T.: 19.897 min
Delta R.T.: 0.000 min
Response: 2216916
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 2004994
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.460 min
Delta R.T.: 0.000 min
Response: 1855247
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068381.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 10:50
 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 030625.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	3.201	3.175	3.265	BB	362497	2974939	91.46%	4.971%
2	4.258	4.221	4.321	BB	330130	3006238	92.42%	5.024%
3	5.824	5.798	5.918	BB	336838	3231104	99.34%	5.400%
4	6.266	6.221	6.331	BB	300108	2989053	91.90%	4.995%
5	6.877	6.848	6.981	BB	295444	3046107	93.65%	5.090%
6	8.055	8.028	8.128	BB	270421	2882706	88.63%	4.817%
7	9.650	9.614	9.728	BB	265348	2902492	89.23%	4.850%
8	11.088	11.051	11.165	BB	239849	2895770	89.03%	4.839%
9	11.393	11.351	11.461	BB	281208	3252665	100.00%	5.436%
10	12.394	12.358	12.465	BB	228271	2766703	85.06%	4.623%
11	12.836	12.795	12.898	BB	197834	2365879	72.74%	3.954%
12	13.005	12.961	13.068	BB	218122	2714878	83.47%	4.537%
13	13.589	13.555	13.661	BB	211975	2686585	82.60%	4.490%
14	14.690	14.628	14.761	BB	210203	2694142	82.83%	4.502%
15	15.709	15.665	15.781	BB	197346	2652977	81.56%	4.433%
16	16.657	16.621	16.700	BBA	192418	2634144	80.98%	4.402%
17	17.544	17.468	17.615	BB	198742	2785826	85.65%	4.655%
18	18.376	18.321	18.448	BB	199367	2745712	84.41%	4.588%
19	19.157	19.101	19.231	BB	178993	2535324	77.95%	4.237%
20	19.897	19.851	19.970	BBA	154727	2216916	68.16%	3.705%
21	20.609	20.551	20.675	BB	118501	2004994	61.64%	3.351%
22	21.460	21.391	21.548	BB	81565	1855247	57.04%	3.100%
Sum of corrected areas:							59840402	

Aliphatic EPH 030625.M Thu Mar 06 13:20:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068382.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 11:28
 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: Mar 06 12:05:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 12:05:13 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)	11.392	1690796	10.751 ug/ml
Spiked Amount 50.000		Recovery =	21.50%
12) S 1-chlorooctadecane (S...	12.835	1218550	10.631 ug/ml
Spiked Amount 50.000		Recovery =	21.26%
Target Compounds			
1) T n-Nonane (C9)	3.202	1550054	10.784 ug/ml
2) T n-Decane (C10)	4.258	1556977	10.738 ug/ml
3) T A~Naphthalene (C11.7)	5.825	1644924	10.498 ug/ml
4) T n-Dodecane (C12)	6.266	1548499	10.749 ug/ml
5) T A~2-methylnaphthalene...	6.877	1537055	10.401 ug/ml
6) T n-Tetradecane (C14)	8.055	1488613	10.702 ug/ml
7) T n-Hexadecane (C16)	9.650	1486854	10.627 ug/ml
8) T n-Octadecane (C18)	11.088	1494741	10.695 ug/ml
10) T n-Eicosane (C20)	12.393	1438333	10.765 ug/ml
11) T n-Heneicosane (C21)	13.004	1413719	10.781 ug/ml
13) T n-Docosane (C22)	13.590	1396593	10.758 ug/ml
14) T n-Tetracosane (C24)	14.690	1434936	10.972 ug/ml
15) T n-Hexacosane (C26)	15.709	1421781	11.035 ug/ml
16) T n-Octacosane (C28)	16.657	1412639	11.145 ug/ml
17) T n-Tricontane (C30)	17.544	1494303	11.341 ug/ml
18) T n-Dotriacontane (C32)	18.375	1475095	11.463 ug/ml
19) T n-Tetratriacontane (C34)	19.157	1347823	11.300 ug/ml
20) T n-Hexatriacontane (C36)	19.896	1159444	11.091 ug/ml
21) T n-Octatriacontane (C38)	20.609	1044705	10.935 ug/ml
22) T n-Tetracontane (C40)	21.462	949055	10.682 ug/ml

(f)=RT Delta > 1/2 Window

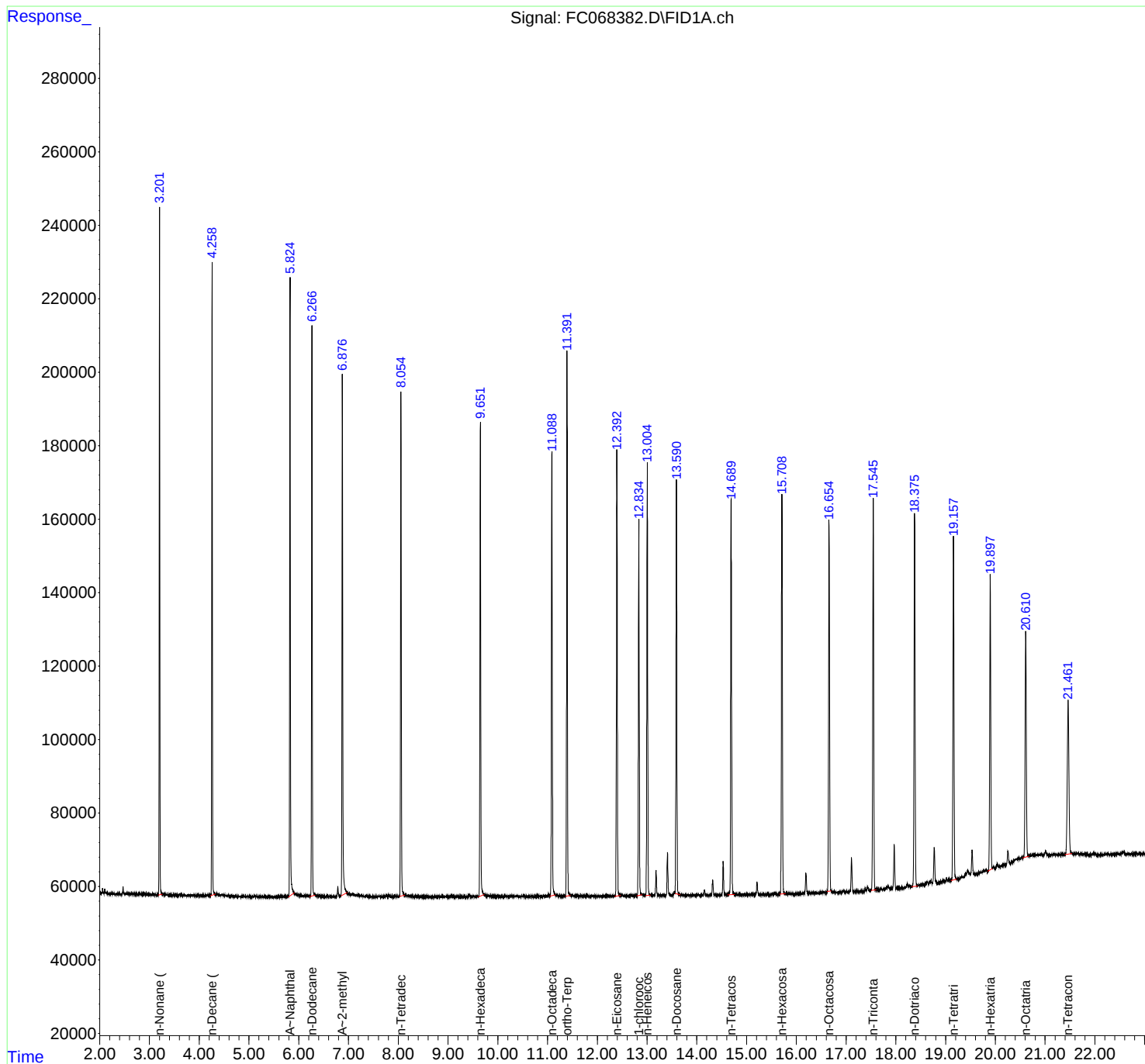
(m)=manual int.

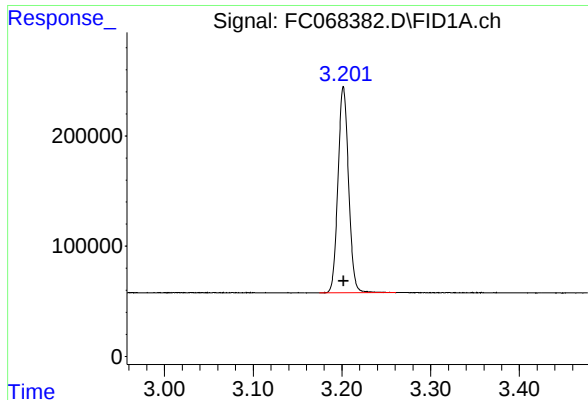
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
Data File : FC068382.D
Signal(s) : FID1A.ch
Acq On : 06 Mar 2025 11:28
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Mar 06 12:05:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

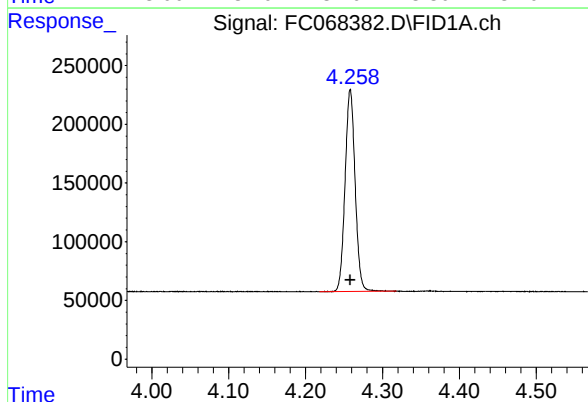




#1 n-Nonane (C9)

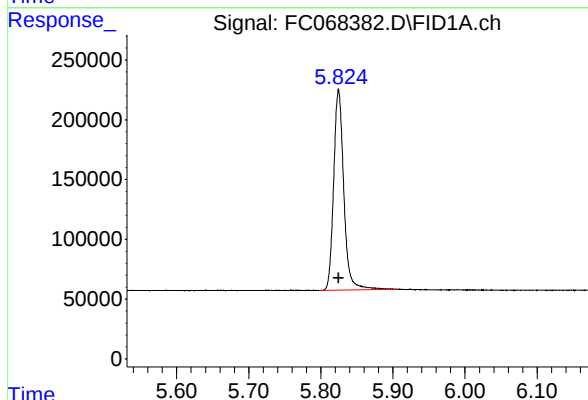
R.T.: 3.202 min
Delta R.T.: 0.000 min
Response: 1550054
Conc: 10.78 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



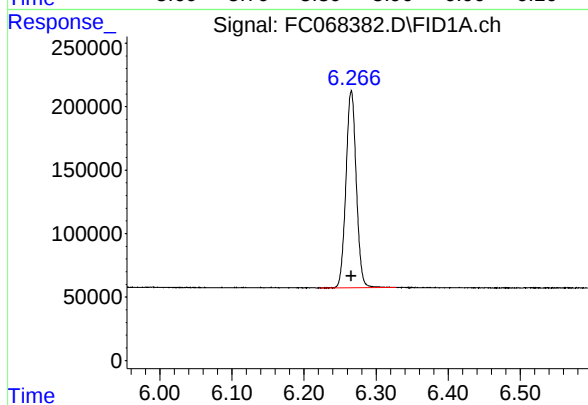
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1556977
Conc: 10.74 ug/ml



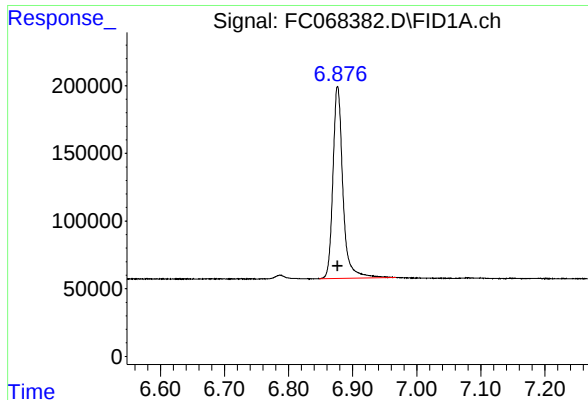
#3 A~Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 1644924
Conc: 10.50 ug/ml



#4 n-Dodecane (C12)

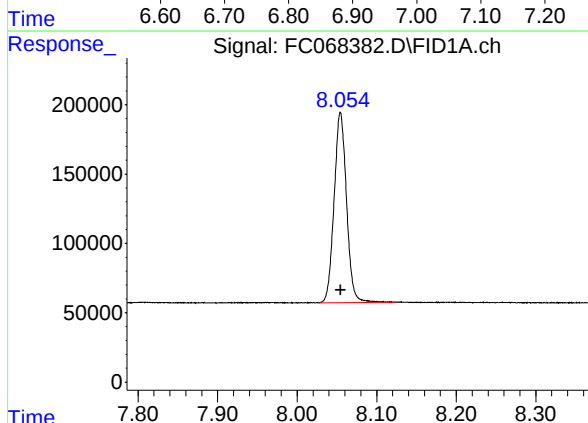
R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 1548499
Conc: 10.75 ug/ml



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

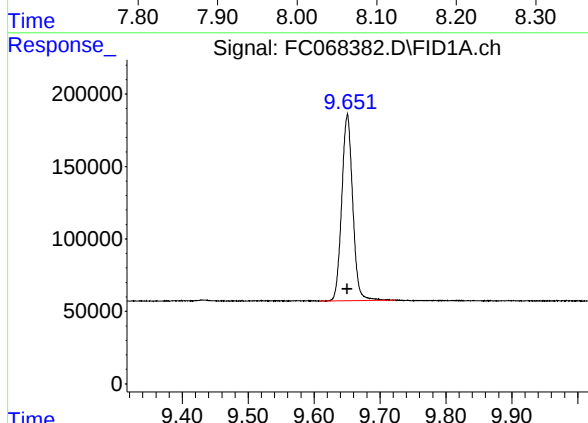
R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 1537055
Conc: 10.40 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



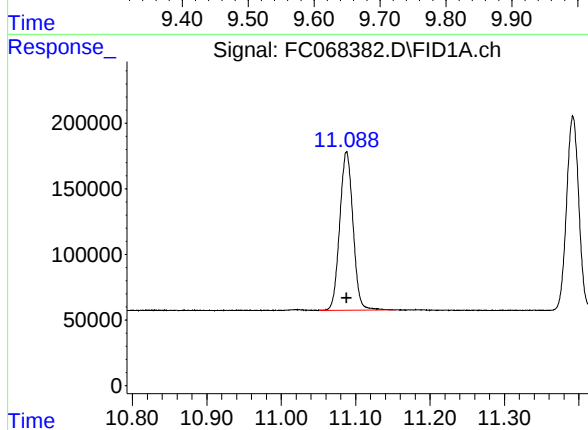
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 1488613
Conc: 10.70 ug/ml



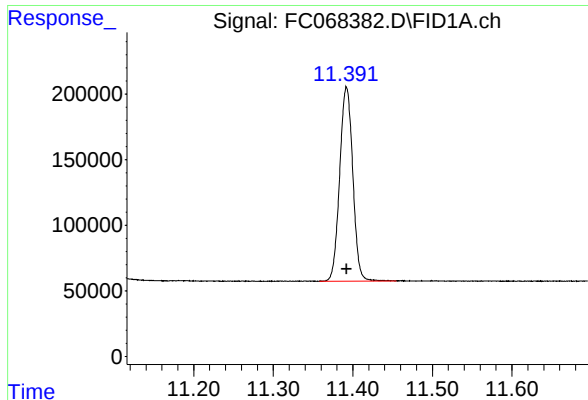
#7 n-Hexadecane (C16)

R.T.: 9.650 min
Delta R.T.: 0.000 min
Response: 1486854
Conc: 10.63 ug/ml



#8 n-Octadecane (C18)

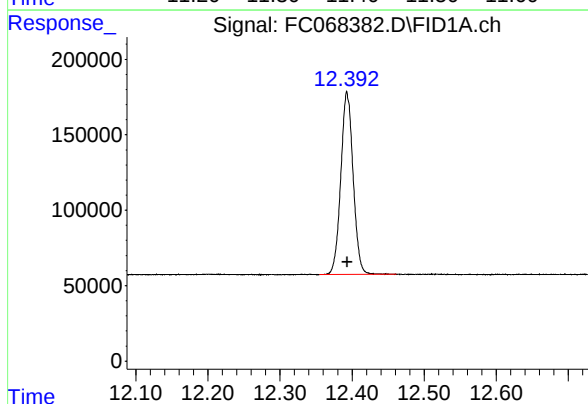
R.T.: 11.088 min
Delta R.T.: 0.000 min
Response: 1494741
Conc: 10.70 ug/ml



#9 ortho-Terphenyl (SURR)

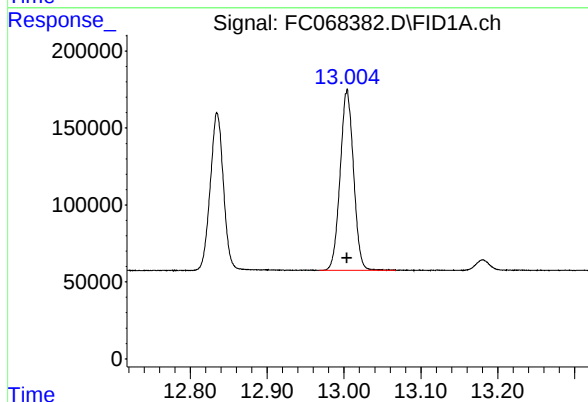
R.T.: 11.392 min
Delta R.T.: 0.000 min
Response: 1690796
Conc: 10.75 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



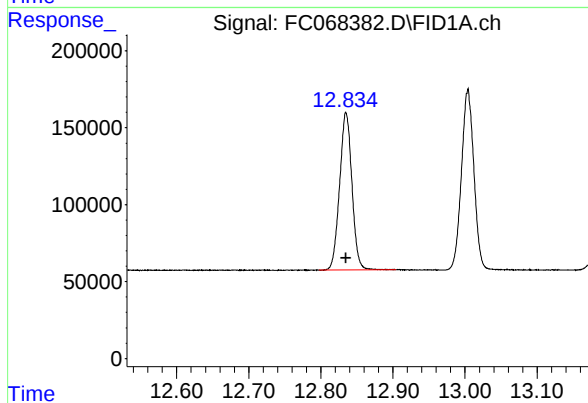
#10 n-Eicosane (C20)

R.T.: 12.393 min
Delta R.T.: 0.000 min
Response: 1438333
Conc: 10.76 ug/ml



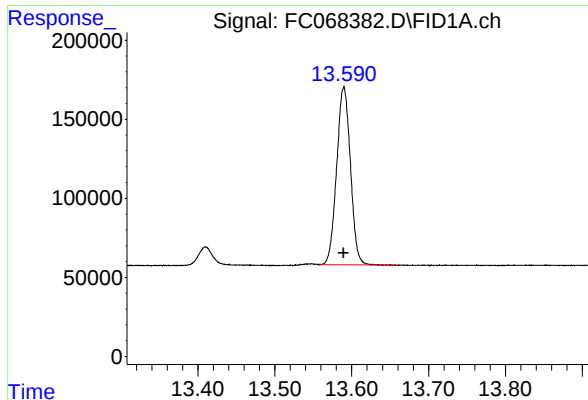
#11 n-Heneicosane (C21)

R.T.: 13.004 min
Delta R.T.: 0.000 min
Response: 1413719
Conc: 10.78 ug/ml



#12 1-chlorooctadecane (SURR)

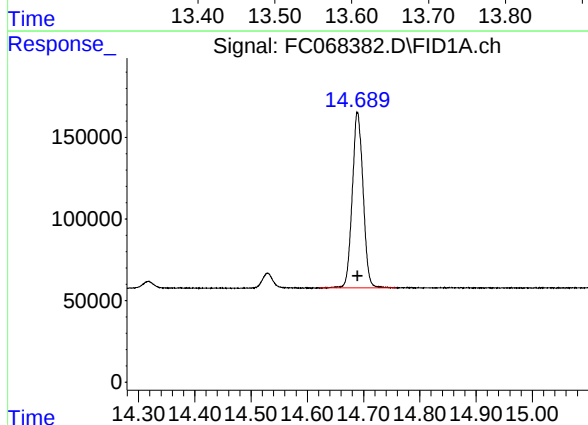
R.T.: 12.835 min
Delta R.T.: 0.000 min
Response: 1218550
Conc: 10.63 ug/ml



#13 n-Docosane (C22)

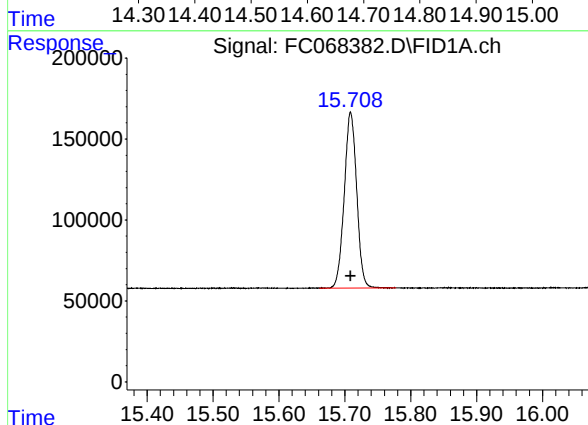
R.T.: 13.590 min
Delta R.T.: 0.000 min
Response: 1396593
Conc: 10.76 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



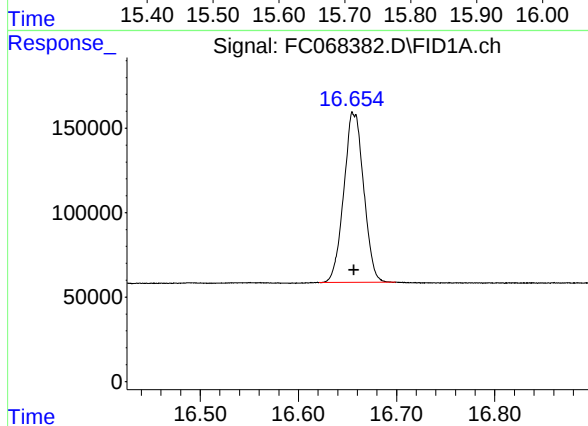
#14 n-Tetracosane (C24)

R.T.: 14.690 min
Delta R.T.: 0.000 min
Response: 1434936
Conc: 10.97 ug/ml



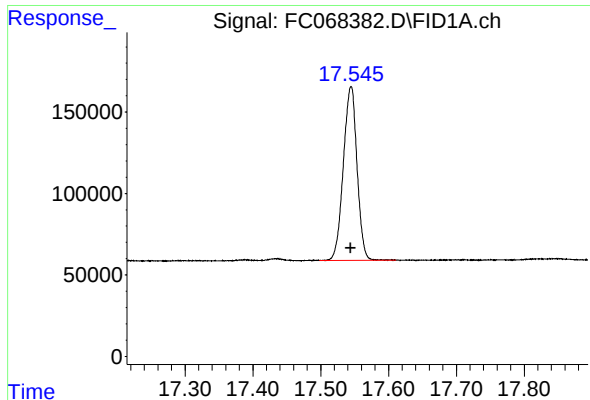
#15 n-Hexacosane (C26)

R.T.: 15.709 min
Delta R.T.: 0.000 min
Response: 1421781
Conc: 11.04 ug/ml



#16 n-Octacosane (C28)

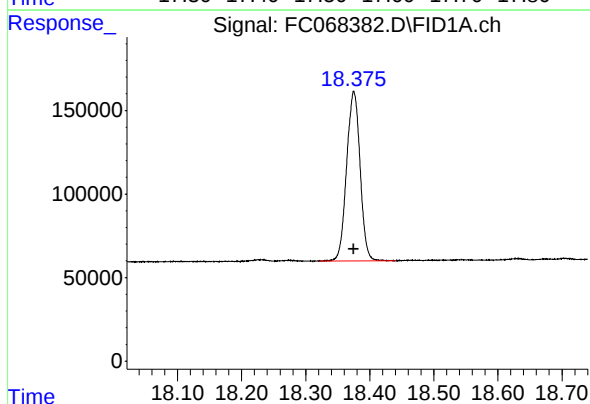
R.T.: 16.657 min
Delta R.T.: 0.000 min
Response: 1412639
Conc: 11.14 ug/ml



#17 n-Tricontane (C30)

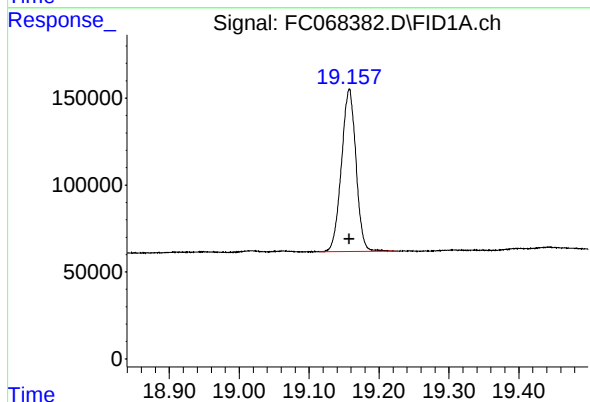
R.T.: 17.544 min
Delta R.T.: 0.000 min
Response: 1494303
Conc: 11.34 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



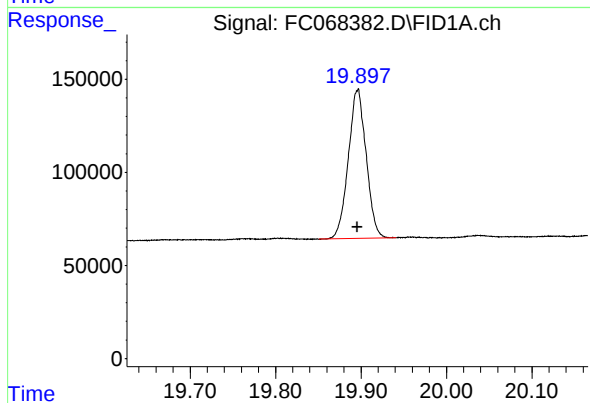
#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: 0.000 min
Response: 1475095
Conc: 11.46 ug/ml



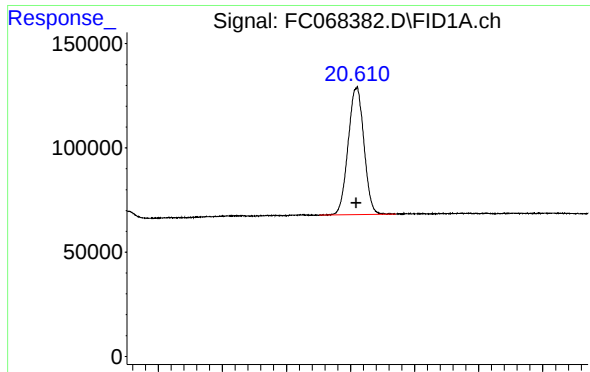
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: 0.000 min
Response: 1347823
Conc: 11.30 ug/ml



#20 n-Hexatriacontane (C36)

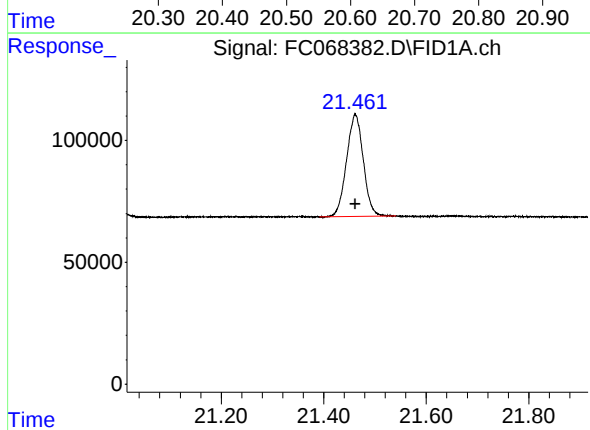
R.T.: 19.896 min
Delta R.T.: 0.000 min
Response: 1159444
Conc: 11.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 1044705
Conc: 10.94 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.462 min
Delta R.T.: 0.000 min
Response: 949055
Conc: 10.68 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068382.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 11:28
 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 030625.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	3.202	3.174	3.261	BB	186303	1550054	91.68%	4.967%
2	4.258	4.218	4.318	BB	171398	1556977	92.09%	4.989%
3	5.825	5.798	5.904	BB	166750	1644924	97.29%	5.271%
4	6.266	6.221	6.328	BB	154779	1548499	91.58%	4.962%
5	6.877	6.848	6.968	BB	141238	1537055	90.91%	4.926%
6	8.055	8.028	8.124	BB	137190	1488613	88.04%	4.770%
7	9.651	9.608	9.724	BB	128390	1486854	87.94%	4.765%
8	11.088	11.051	11.154	BB	120975	1494741	88.40%	4.790%
9	11.392	11.358	11.454	BB	147538	1690796	100.00%	5.418%
10	12.393	12.354	12.461	BB	119045	1438333	85.07%	4.609%
11	12.835	12.798	12.904	BB	102435	1218550	72.07%	3.905%
12	13.004	12.968	13.068	BB	116766	1413719	83.61%	4.530%
13	13.590	13.558	13.658	BB	112046	1396593	82.60%	4.475%
14	14.690	14.621	14.758	BB	106381	1434936	84.87%	4.598%
15	15.709	15.661	15.778	BB	108528	1421781	84.09%	4.556%
16	16.657	16.621	16.699	BBA	99171	1412639	83.55%	4.527%
17	17.544	17.498	17.611	BB	106959	1494303	88.38%	4.789%
18	18.375	18.321	18.441	BB	101348	1475095	87.24%	4.727%
19	19.157	19.114	19.224	BB	93573	1347823	79.72%	4.319%
20	19.896	19.851	19.941	BB	79963	1159444	68.57%	3.716%
21	20.609	20.551	20.671	BB	60898	1044705	61.79%	3.348%
22	21.462	21.391	21.541	BB	41899	949055	56.13%	3.041%
Sum of corrected areas:							31205487	

Aliphatic EPH 030625.M Thu Mar 06 13:20:48 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068383.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 12:05
 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: Mar 06 12:38:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 12:38:23 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)	11.391	857530	5.356 ug/ml
Spiked Amount 50.000		Recovery =	10.71%
12) S 1-chlorooctadecane (S...	12.834	603024	5.206 ug/ml
Spiked Amount 50.000		Recovery =	10.41%
Target Compounds			
1) T n-Nonane (C9)	3.201	773795	5.302 ug/ml
2) T n-Decane (C10)	4.258	772637	5.260 ug/ml
3) T A~Naphthalene (C11.7)	5.826	792586	5.046 ug/ml
4) T n-Dodecane (C12)	6.266	768806	5.266 ug/ml
5) T A~2-methylnaphthalene...	6.878	737052	4.990 ug/ml
6) T n-Tetradecane (C14)	8.054	733076	5.214 ug/ml
7) T n-Hexadecane (C16)	9.649	736735	5.210 ug/ml
8) T n-Octadecane (C18)	11.087	745197	5.262 ug/ml
10) T n-Eicosane (C20)	12.393	724852	5.334 ug/ml
11) T n-Heneicosane (C21)	13.004	714701	5.354 ug/ml
13) T n-Docosane (C22)	13.589	700245	5.310 ug/ml
14) T n-Tetracosane (C24)	14.690	698904	5.272 ug/ml
15) T n-Hexacosane (C26)	15.709	697244	5.324 ug/ml
16) T n-Octacosane (C28)	16.658	706287	5.448 ug/ml
17) T n-Tricontane (C30)	17.544	786711	5.748 ug/ml
18) T n-Dotriacontane (C32)	18.375	796099	5.906 ug/ml
19) T n-Tetratriacontane (C34)	19.158	726090	5.834 ug/ml
20) T n-Hexatriacontane (C36)	19.896	611389	5.657 ug/ml
21) T n-Octatriacontane (C38)	20.609	541975	5.524 ug/ml
22) T n-Tetracontane (C40)	21.462	477006	5.291 ug/ml

(f)=RT Delta > 1/2 Window

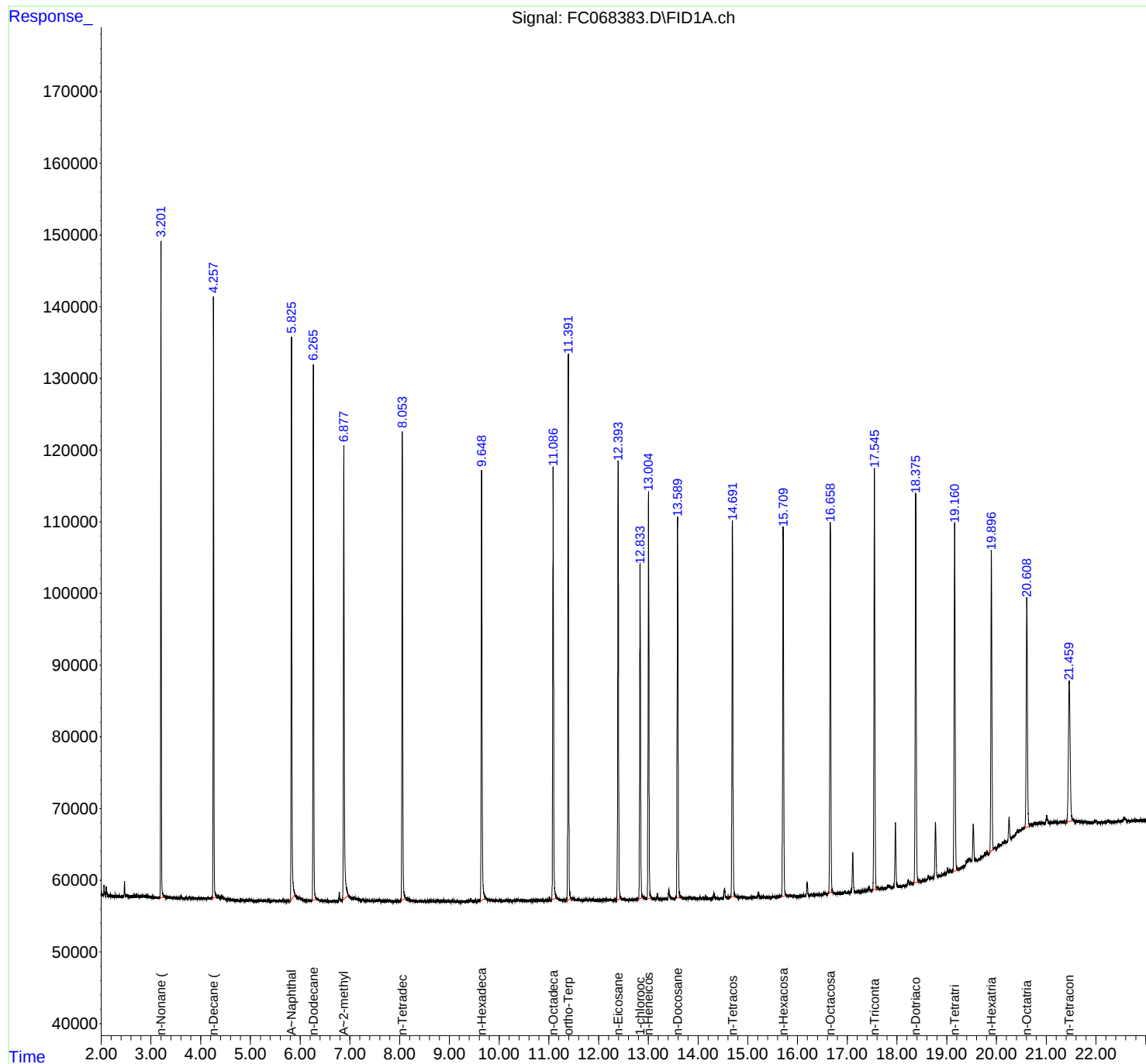
(m)=manual int.

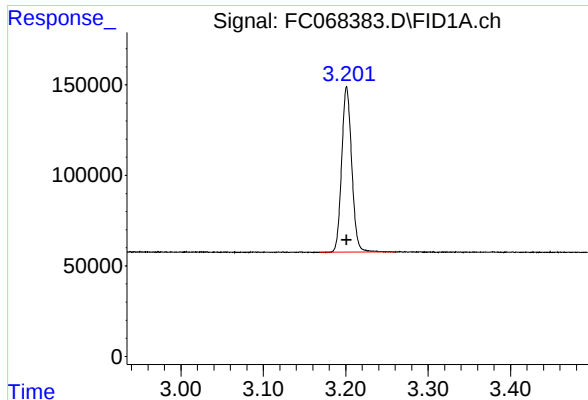
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
Data File : FC068383.D
Signal(s) : FID1A.ch
Acq On : 06 Mar 2025 12:05
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Mar 06 12:38:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:38:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

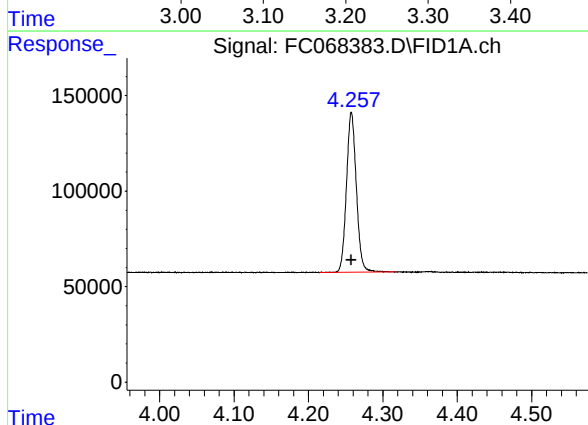




#1 n-Nonane (C9)

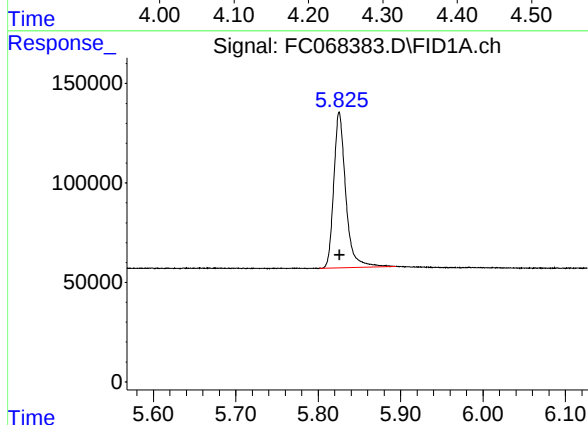
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 773795
Conc: 5.30 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



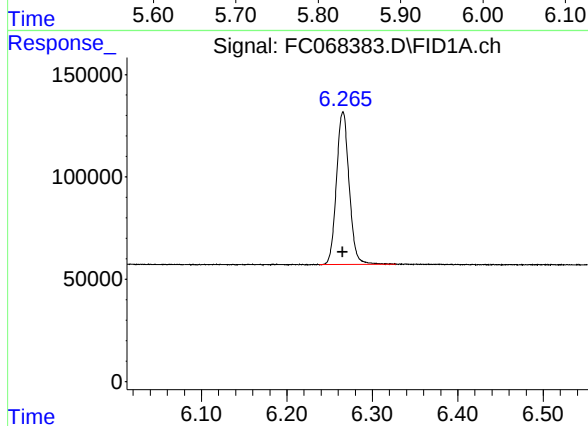
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 772637
Conc: 5.26 ug/ml



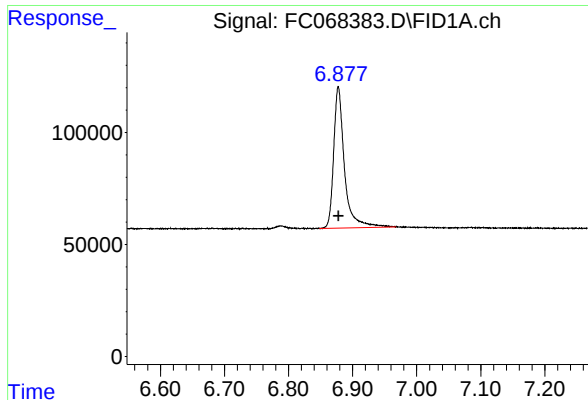
#3 A~Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 792586
Conc: 5.05 ug/ml



#4 n-Dodecane (C12)

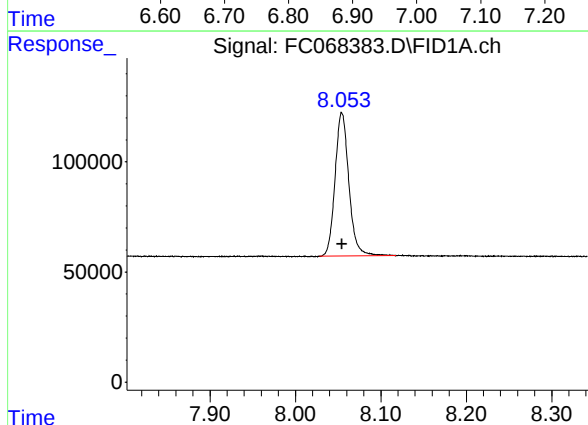
R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 768806
Conc: 5.27 ug/ml



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

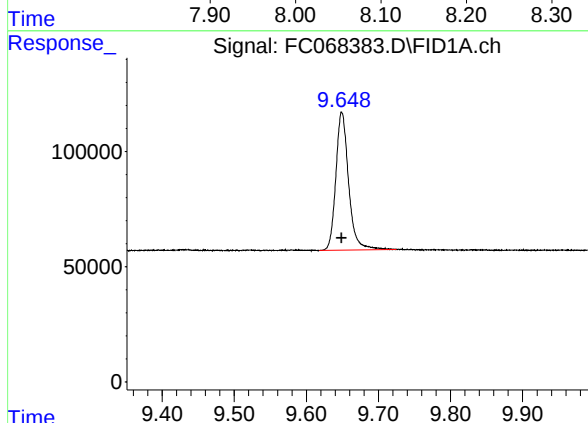
R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 737052
Conc: 4.99 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



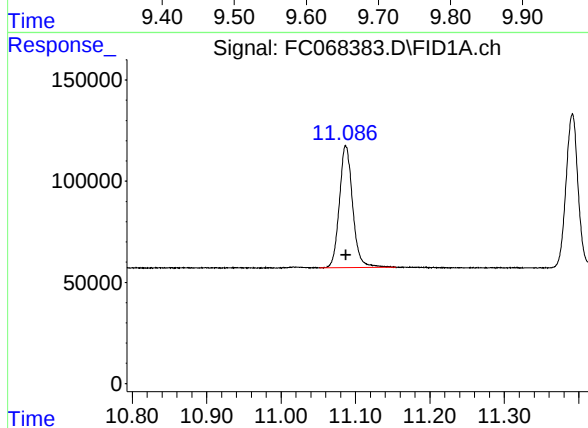
#6 n-Tetradecane (C14)

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 733076
Conc: 5.21 ug/ml



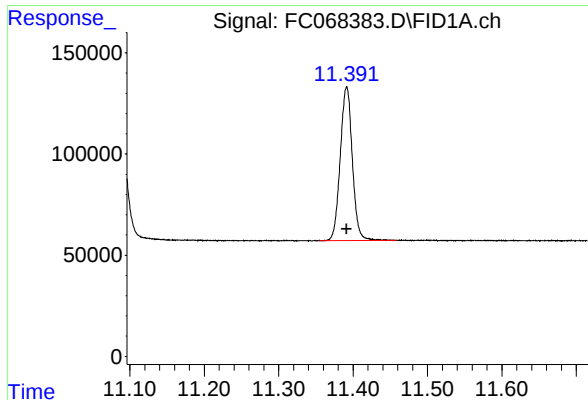
#7 n-Hexadecane (C16)

R.T.: 9.649 min
Delta R.T.: 0.000 min
Response: 736735
Conc: 5.21 ug/ml



#8 n-Octadecane (C18)

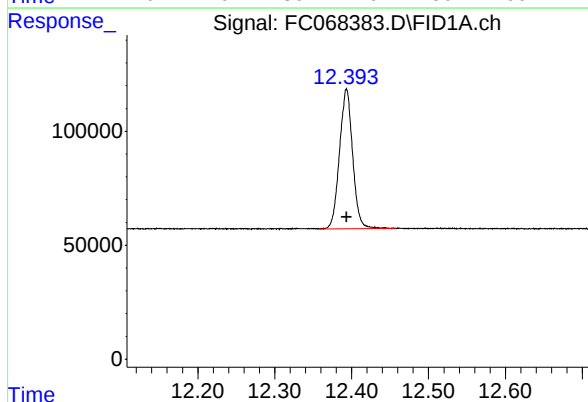
R.T.: 11.087 min
Delta R.T.: 0.000 min
Response: 745197
Conc: 5.26 ug/ml



#9 ortho-Terphenyl (SURR)

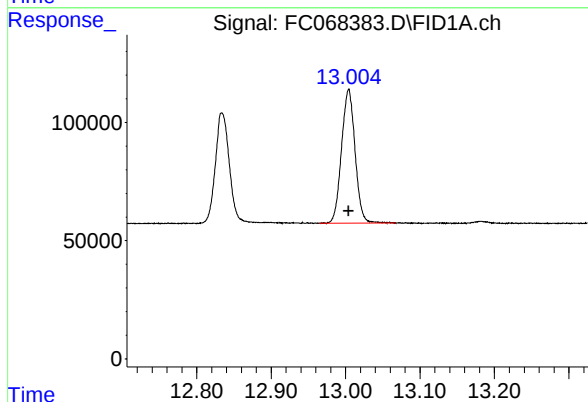
R.T.: 11.391 min
Delta R.T.: 0.000 min
Response: 857530
Conc: 5.36 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



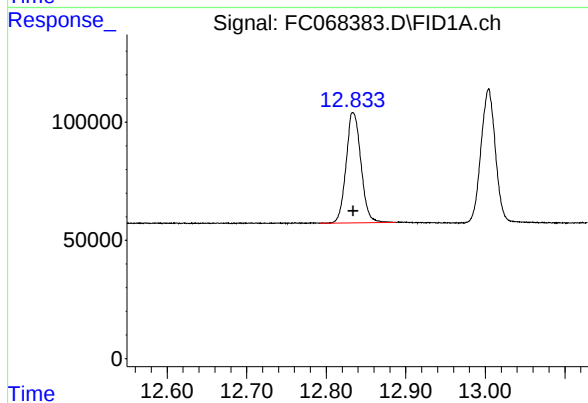
#10 n-Eicosane (C20)

R.T.: 12.393 min
Delta R.T.: 0.000 min
Response: 724852
Conc: 5.33 ug/ml



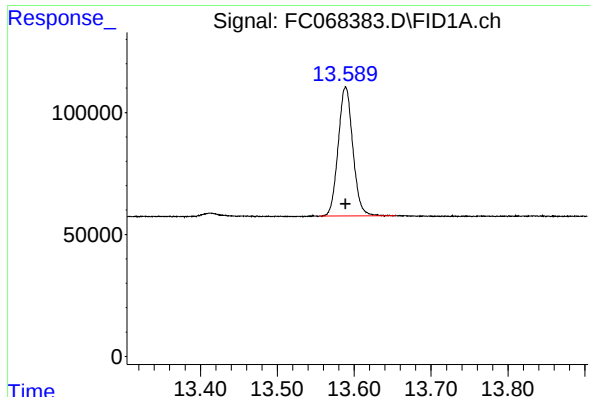
#11 n-Heneicosane (C21)

R.T.: 13.004 min
Delta R.T.: 0.000 min
Response: 714701
Conc: 5.35 ug/ml



#12 1-chlorooctadecane (SURR)

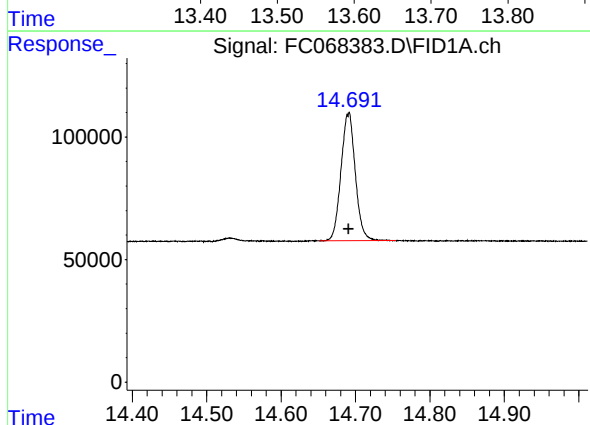
R.T.: 12.834 min
Delta R.T.: 0.000 min
Response: 603024
Conc: 5.21 ug/ml



#13 n-Docosane (C22)

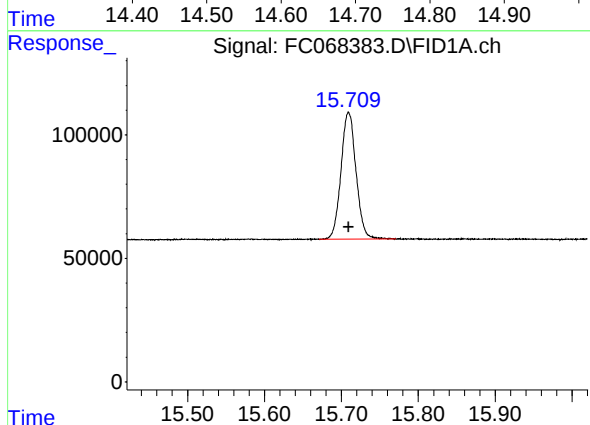
R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 700245
Conc: 5.31 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



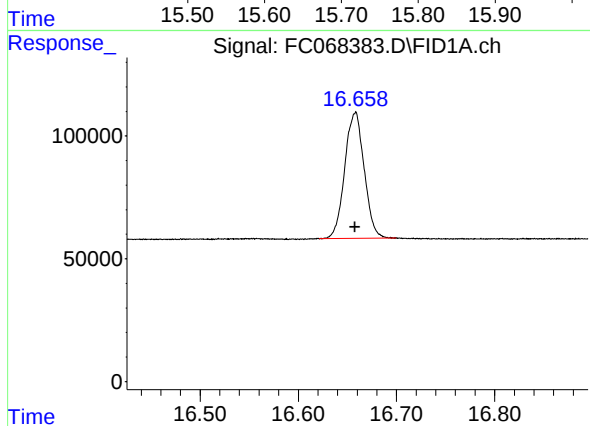
#14 n-Tetracosane (C24)

R.T.: 14.690 min
Delta R.T.: 0.000 min
Response: 698904
Conc: 5.27 ug/ml



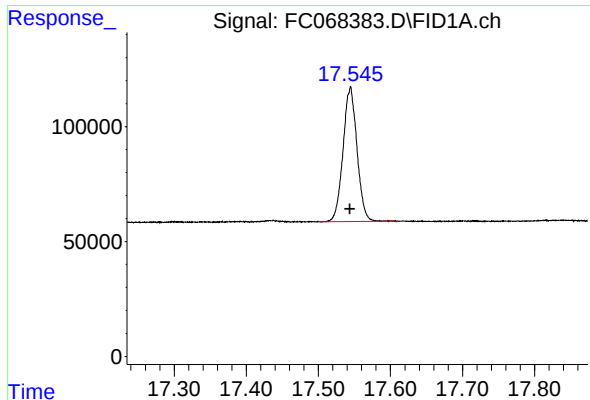
#15 n-Hexacosane (C26)

R.T.: 15.709 min
Delta R.T.: 0.000 min
Response: 697244
Conc: 5.32 ug/ml



#16 n-Octacosane (C28)

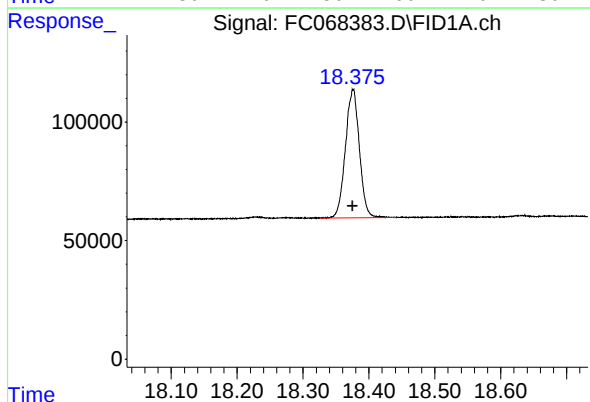
R.T.: 16.658 min
Delta R.T.: 0.000 min
Response: 706287
Conc: 5.45 ug/ml



#17 n-Tricontane (C30)

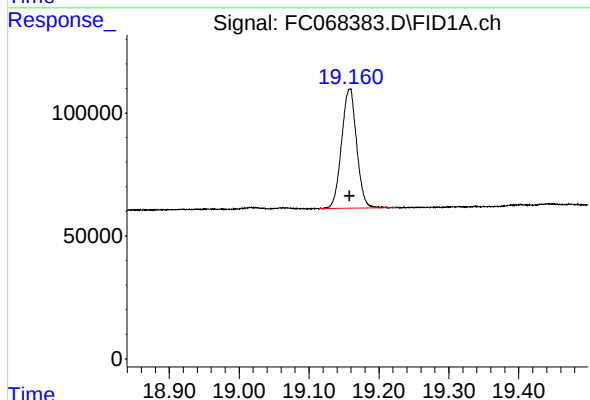
R.T.: 17.544 min
Delta R.T.: 0.000 min
Response: 786711
Conc: 5.75 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



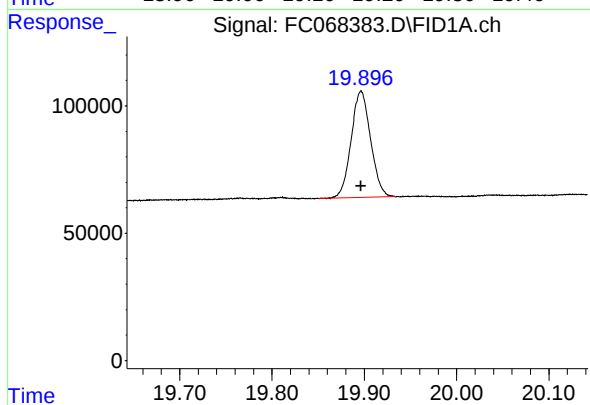
#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: 0.000 min
Response: 796099
Conc: 5.91 ug/ml



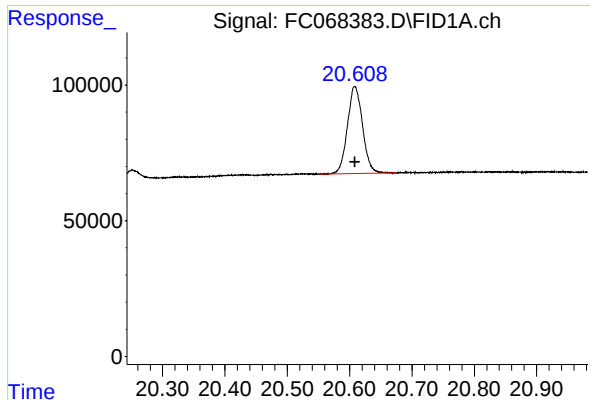
#19 n-Tetratriacontane (C34)

R.T.: 19.158 min
Delta R.T.: 0.000 min
Response: 726090
Conc: 5.83 ug/ml



#20 n-Hexatriacontane (C36)

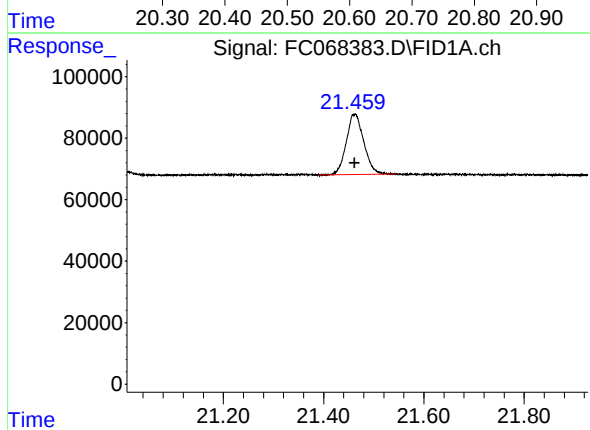
R.T.: 19.896 min
Delta R.T.: 0.000 min
Response: 611389
Conc: 5.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 541975
Conc: 5.52 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.462 min
Delta R.T.: 0.000 min
Response: 477006
Conc: 5.29 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068383.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 12:05
 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 030625.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	3.201	3.168	3.261	BB	90872	773795	90.24%	4.928%
2	4.258	4.214	4.318	BB	83596	772637	90.10%	4.921%
3	5.826	5.801	5.894	BB	77837	792586	92.43%	5.048%
4	6.266	6.238	6.328	BB	74482	768806	89.65%	4.896%
5	6.878	6.848	6.968	BB	62995	737052	85.95%	4.694%
6	8.054	8.028	8.118	BB	65112	733076	85.49%	4.669%
7	9.649	9.618	9.724	BB	59344	736735	85.91%	4.692%
8	11.087	11.051	11.154	BB	60046	745197	86.90%	4.746%
9	11.391	11.354	11.458	BB	75993	857530	100.00%	5.461%
10	12.393	12.358	12.458	BB	61575	724852	84.53%	4.616%
11	12.834	12.791	12.888	BB	46481	603024	70.32%	3.840%
12	13.004	12.964	13.068	BB	56705	714701	83.34%	4.552%
13	13.589	13.554	13.654	BB	52975	700245	81.66%	4.460%
14	14.690	14.651	14.754	BB	52080	698904	81.50%	4.451%
15	15.709	15.671	15.771	BB	51404	697244	81.31%	4.440%
16	16.658	16.621	16.699	BBA	51289	706287	82.36%	4.498%
17	17.544	17.501	17.608	BB	57948	786711	91.74%	5.010%
18	18.376	18.324	18.441	BB	53627	796099	92.84%	5.070%
19	19.158	19.114	19.224	BB	48549	726090	84.67%	4.624%
20	19.896	19.851	19.934	BB	41918	611389	71.30%	3.894%
21	20.609	20.551	20.674	BB	32097	541975	63.20%	3.452%
22	21.462	21.391	21.544	BB	19469	477006	55.63%	3.038%
Sum of corrected areas:							15701940	

Aliphatic EPH 030625.M Thu Mar 06 13:21:11 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068384.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 12:44
 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: Mar 06 13:21:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 12:39:25 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)	11.393	3352245	20.936 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
12) S 1-chlorooctadecane (S...	12.836	2450945	21.161 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
Target Compounds			
1) T n-Nonane (C9)	3.201	3031669	20.773 ug/ml
2) T n-Decane (C10)	4.258	3063105	20.852 ug/ml
3) T A~Naphthalene (C11.7)	5.825	3312851	21.093 ug/ml
4) T n-Dodecane (C12)	6.267	3048844	20.882 ug/ml
5) T A~2-methylnaphthalene...	6.877	3120533	21.127 ug/ml
6) T n-Tetradecane (C14)	8.055	2951729	20.994 ug/ml
7) T n-Hexadecane (C16)	9.651	2985873	21.116 ug/ml
8) T n-Octadecane (C18)	11.089	2992676	21.133 ug/ml
10) T n-Eicosane (C20)	12.394	2861830	21.061 ug/ml
11) T n-Heneicosane (C21)	13.006	2807961	21.035 ug/ml
13) T n-Docosane (C22)	13.590	2775794	21.051 ug/ml
14) T n-Tetracosane (C24)	14.691	2785205	21.008 ug/ml
15) T n-Hexacosane (C26)	15.711	2741697	20.935 ug/ml
16) T n-Octacosane (C28)	16.659	2723752	21.008 ug/ml
17) T n-Tricontane (C30)	17.546	2887103	21.093 ug/ml
18) T n-Dotriacontane (C32)	18.377	2859701	21.216 ug/ml
19) T n-Tetratriacontane (C34)	19.159	2624464	21.086 ug/ml
20) T n-Hexatriacontane (C36)	19.898	2273910	21.038 ug/ml
21) T n-Octatriacontane (C38)	20.609	2064012	21.039 ug/ml
22) T n-Tetracontane (C40)	21.464	1887620	20.937 ug/ml

(f)=RT Delta > 1/2 Window

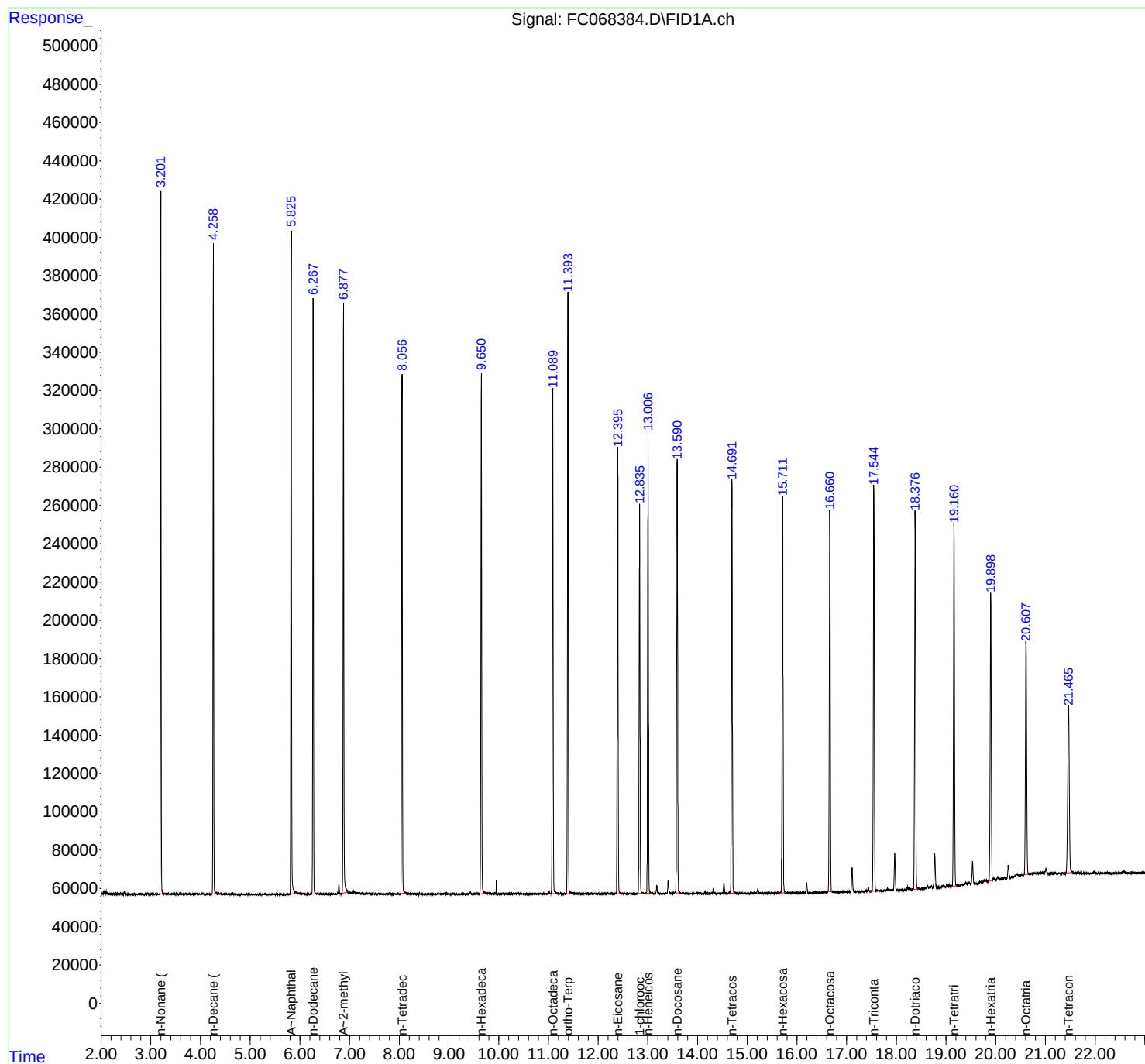
(m)=manual int.

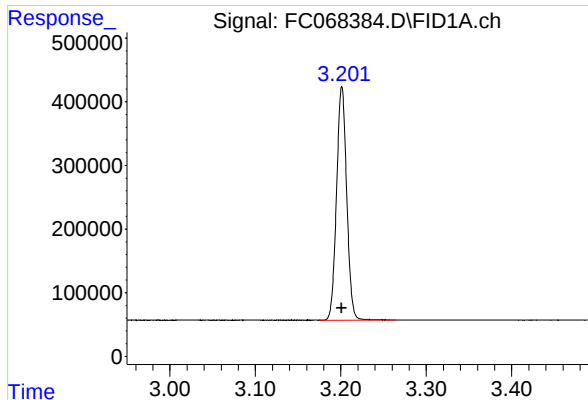
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
Data File : FC068384.D
Signal(s) : FID1A.ch
Acq On : 06 Mar 2025 12:44
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Mar 06 13:21:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

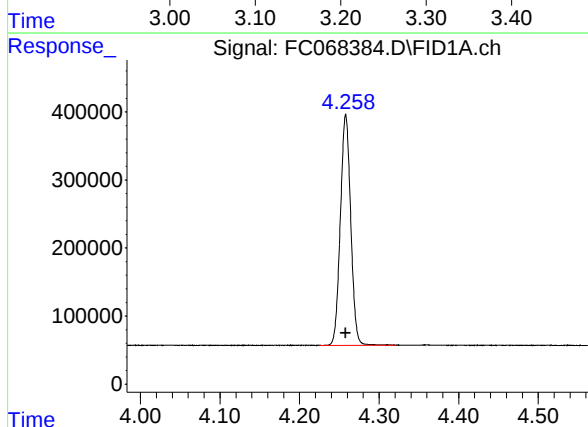




#1 n-Nonane (C9)

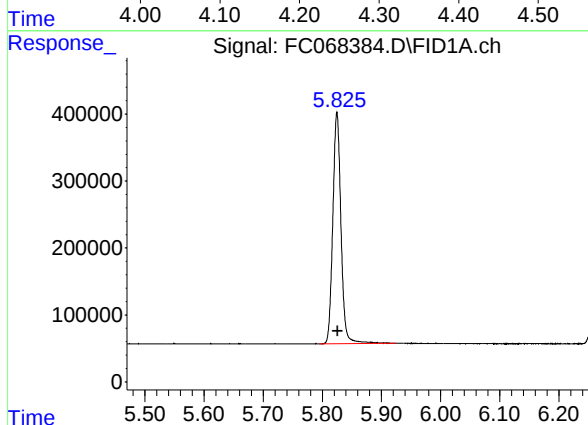
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 3031669
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



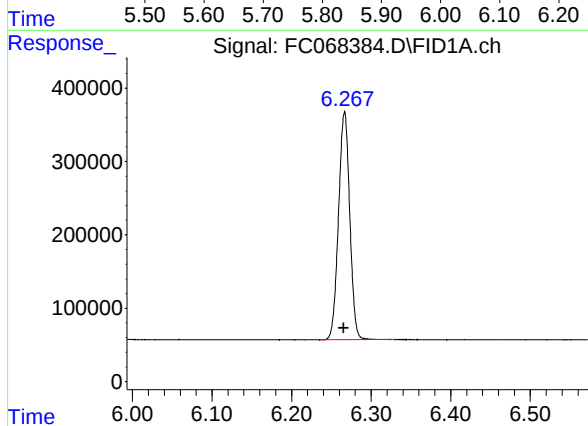
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 3063105
Conc: 20.85 ug/ml



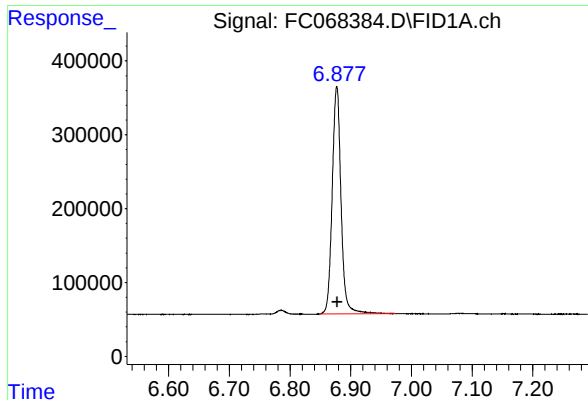
#3 A~Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 3312851
Conc: 21.09 ug/ml



#4 n-Dodecane (C12)

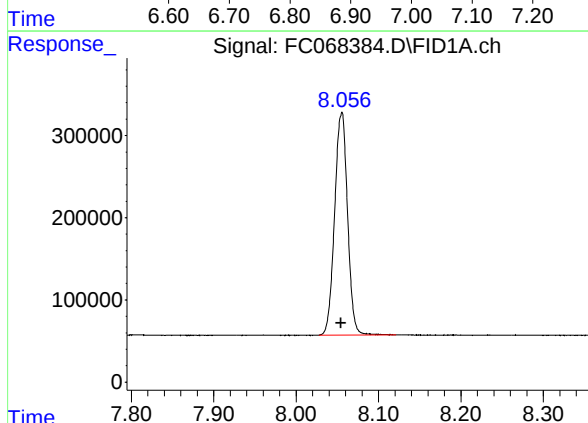
R.T.: 6.267 min
Delta R.T.: 0.001 min
Response: 3048844
Conc: 20.88 ug/ml



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

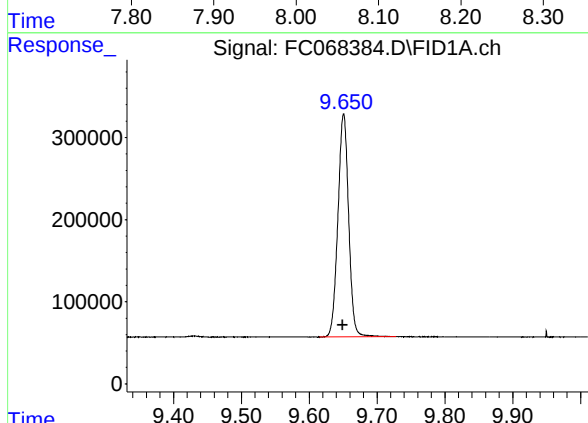
R.T.: 6.877 min
Delta R.T.: -0.001 min
Response: 3120533
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



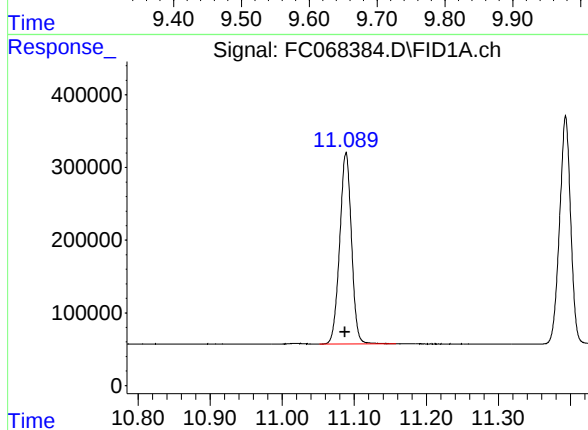
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 2951729
Conc: 20.99 ug/ml



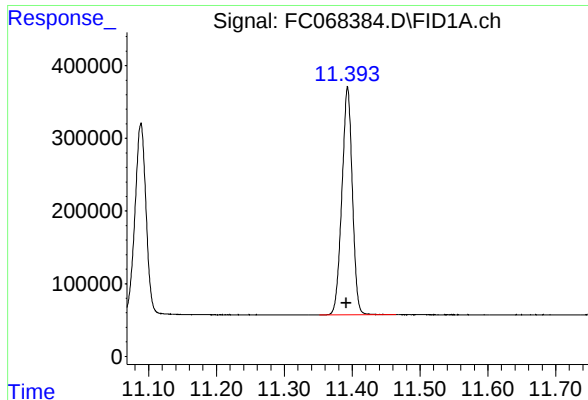
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: 0.001 min
Response: 2985873
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.089 min
Delta R.T.: 0.001 min
Response: 2992676
Conc: 21.13 ug/ml



#9 ortho-Terphenyl (SURR)

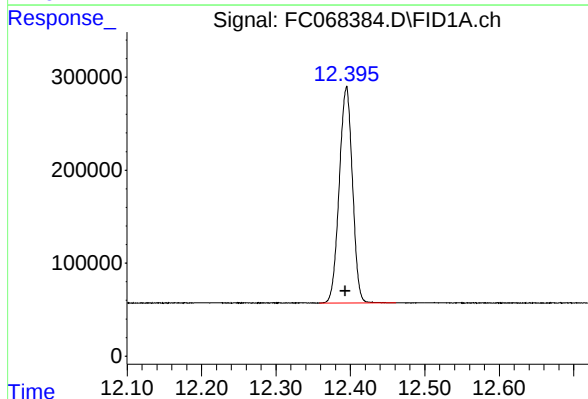
R.T.: 11.393 min
Delta R.T.: 0.002 min
Response: 3352245
Conc: 20.94 ug/ml

Instrument :

FID_C

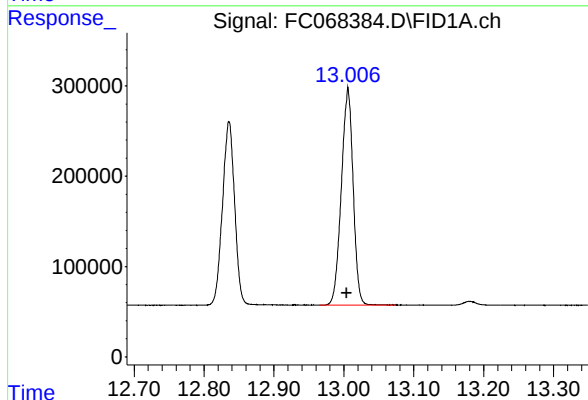
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



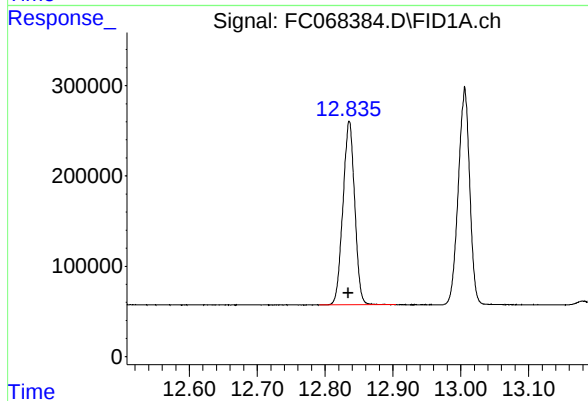
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: 0.001 min
Response: 2861830
Conc: 21.06 ug/ml



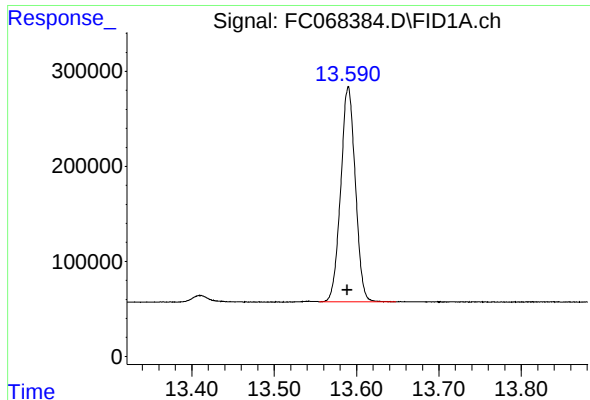
#11 n-Heneicosane (C21)

R.T.: 13.006 min
Delta R.T.: 0.002 min
Response: 2807961
Conc: 21.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.836 min
Delta R.T.: 0.001 min
Response: 2450945
Conc: 21.16 ug/ml



#13 n-Docosane (C22)

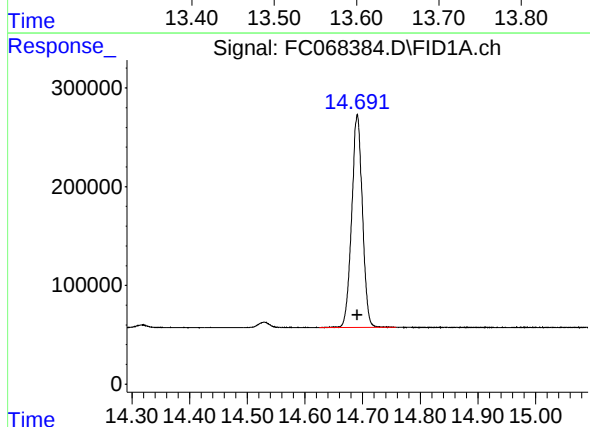
R.T.: 13.590 min
Delta R.T.: 0.001 min
Response: 2775794
Conc: 21.05 ug/ml

Instrument :

FID_C

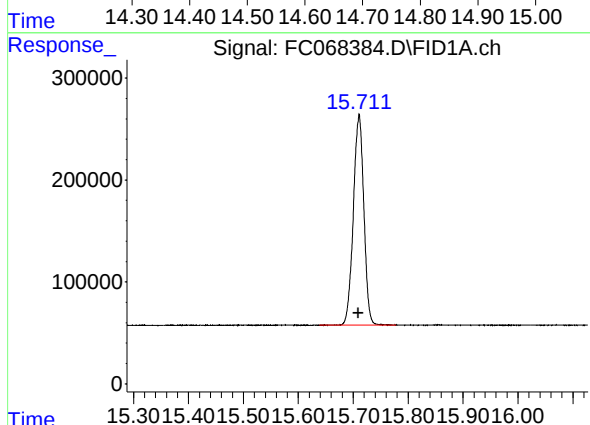
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



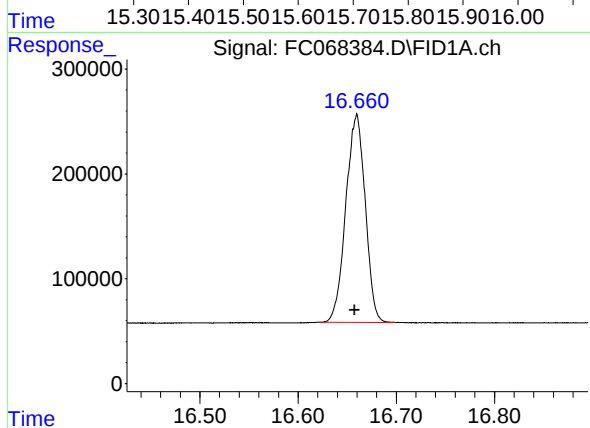
#14 n-Tetracosane (C24)

R.T.: 14.691 min
Delta R.T.: 0.000 min
Response: 2785205
Conc: 21.01 ug/ml



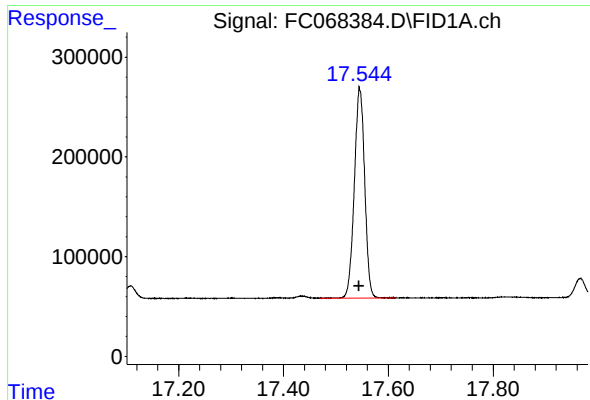
#15 n-Hexacosane (C26)

R.T.: 15.711 min
Delta R.T.: 0.001 min
Response: 2741697
Conc: 20.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.659 min
Delta R.T.: 0.002 min
Response: 2723752
Conc: 21.01 ug/ml



#17 n-Tricontane (C30)

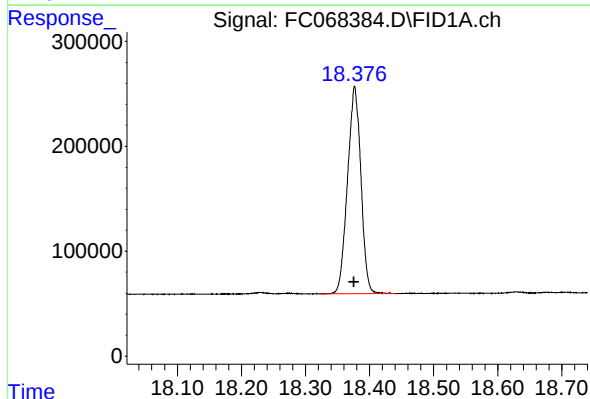
R.T.: 17.546 min
Delta R.T.: 0.001 min
Response: 2887103
Conc: 21.09 ug/ml

Instrument :

FID_C

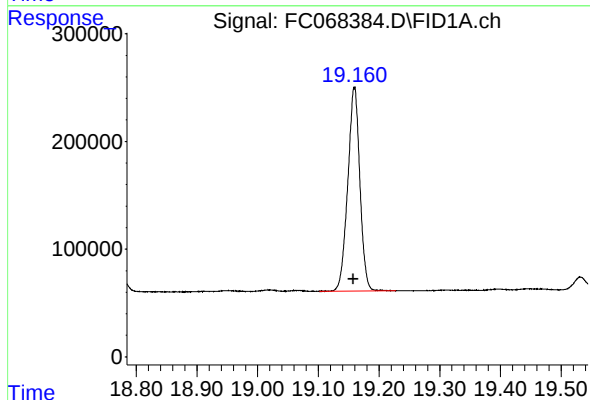
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



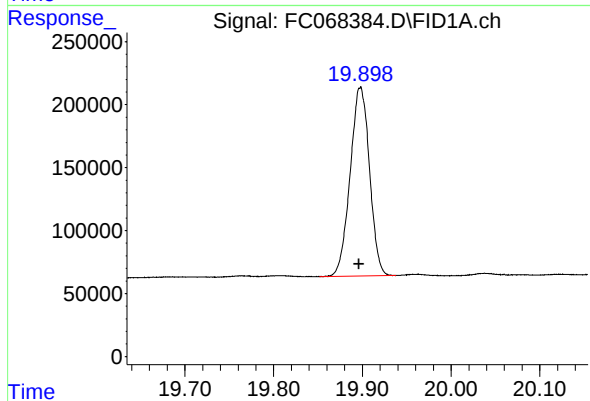
#18 n-Dotriacontane (C32)

R.T.: 18.377 min
Delta R.T.: 0.001 min
Response: 2859701
Conc: 21.22 ug/ml



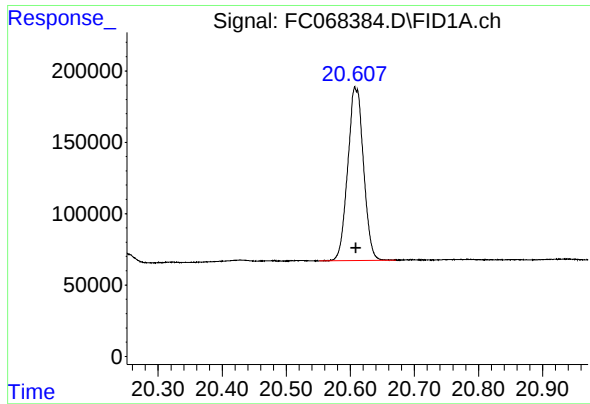
#19 n-Tetatriacontane (C34)

R.T.: 19.159 min
Delta R.T.: 0.002 min
Response: 2624464
Conc: 21.09 ug/ml



#20 n-Hexatriacontane (C36)

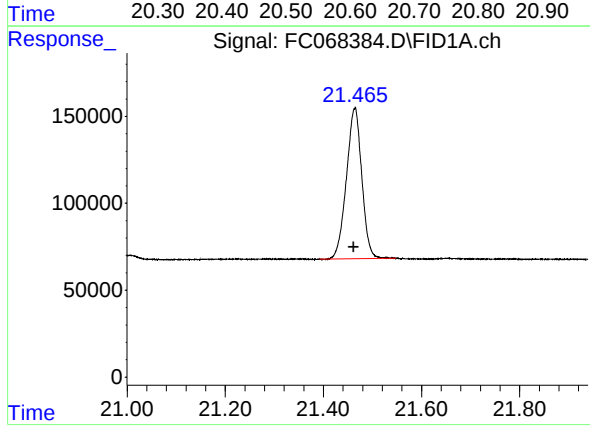
R.T.: 19.898 min
Delta R.T.: 0.001 min
Response: 2273910
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 2064012
Conc: 21.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.464 min
Delta R.T.: 0.002 min
Response: 1887620
Conc: 20.94 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068384.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 12:44
 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 030625.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	3.201	3.175	3.265	BB	366606	3031669	90.44%	4.921%
2	4.258	4.225	4.321	BB	338292	3063105	91.37%	4.972%
3	5.825	5.795	5.925	BB	344778	3312851	98.82%	5.378%
4	6.267	6.235	6.331	BB	310957	3048844	90.95%	4.949%
5	6.877	6.848	6.975	BB	309714	3120533	93.09%	5.066%
6	8.055	8.028	8.121	BB	269811	2951729	88.05%	4.791%
7	9.651	9.615	9.728	BB	272306	2985873	89.07%	4.847%
8	11.089	11.051	11.158	BB	262690	2992676	89.27%	4.858%
9	11.393	11.351	11.465	BB	311876	3352245	100.00%	5.442%
10	12.394	12.358	12.461	BB	232203	2861830	85.37%	4.646%
11	12.836	12.791	12.905	BB	202312	2450945	73.11%	3.979%
12	13.006	12.965	13.075	BB	234756	2807961	83.76%	4.558%
13	13.590	13.555	13.648	BB	225646	2775794	82.80%	4.506%
14	14.691	14.625	14.758	BB	215231	2785205	83.08%	4.521%
15	15.711	15.638	15.778	BB	206649	2741697	81.79%	4.451%
16	16.659	16.621	16.700	BBA	195046	2723752	81.25%	4.421%
17	17.546	17.468	17.615	BB	210637	2887103	86.12%	4.687%
18	18.377	18.321	18.441	BB	195607	2859701	85.31%	4.642%
19	19.159	19.101	19.228	BB	189454	2624464	78.29%	4.260%
20	19.898	19.851	19.938	BV	149818	2273910	67.83%	3.691%
21	20.609	20.551	20.671	BB	120644	2064012	61.57%	3.350%
22	21.464	21.391	21.548	BB	87000	1887620	56.31%	3.064%
Sum of corrected areas:							61603520	

Aliphatic EPH 030625.M Thu Mar 06 13:22:59 2025