

Initial Calibration Report for SequenceID : FE042724AL

AreaCount

Parameter Range	FE047840.D	FE047841.D	FE047842.D	FE047843.D	FE047844.D	
Aliphatic C9-C12	37873649.000	18943842.000	7875057.000	4036456.000	2071089.000	
Aliphatic C12-C16	25806224.000	12897422.000	5387456.000	2754122.000	1447392.000	
Aliphatic C16-C21	38637081.000	19240990.000	8115506.000	4144551.000	2200774.000	
Aliphatic C21-C28	49711363.000	24753847.000	10472848.000	5460101.000	2997385.000	
Aliphatic C28-C40	76618508.000	38043452.000	16219858.000	8453177.000	4711932.000	
Aliphatic EPH	228646825.000	113879553.000	48070725.000	24848407.000	13428572.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	131281.9719998	3.941				
Aliphatic C12-C16	135027.408	4.887				
Aliphatic C16-C21	135438.387333	5.601				
Aliphatic C21-C28	133066.0035	8.08				
Aliphatic C28-C40	137525.037333	8.98				
Aliphatic EPH	134868.340666	6.92				

Concentration

Parameter Range	FE047840.D	FE047841.D	FE047842.D	FE047843.D	FE047844.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	FE047840.D	FE047841.D	FE047842.D	FE047843.D	FE047844.D	
Aliphatic C9-C12	126245.496666	126292.280000	131250.950000	134548.533333	138072.600000	
Aliphatic C12-C16	129031.120000	128974.220000	134686.400000	137706.100000	144739.200000	
Aliphatic C16-C21	128790.270000	128273.266666	135258.433333	138151.700000	146718.266666	

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Aliphatic C21-C28	124278.407500	123769.235000	130910.600000	136502.525000	149869.250000	
Aliphatic C28-C40	127697.513333	126811.506666	135165.483333	140886.283333	157064.400000	
Aliphatic EPH	127026.013888	126532.836666	133529.791666	138046.705555	149206.355555	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
 Data File : FE047840.D
 Signal(s) : FID1B.ch
 Acq On : 26 Apr 2024 23:44
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 03:19:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:19:20 2024
 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)	11.981	13782607	97.662 ug/ml
Spiked Amount 50.000		Recovery =	195.32%
12) S 1-chlorooctadecane (S...	13.411	10714256	97.890 ug/ml
Spiked Amount 50.000		Recovery =	195.78%
Target Compounds			
1) T n-Nonane (C9)	3.357	12431367	98.121 ug/ml
2) T n-Decane (C10)	4.611	12668538	98.119 ug/ml
3) T A~Naphthalene (C11.7)	6.319	13529383	98.757 ug/ml
4) T n-Dodecane (C12)	6.778	12773744	97.930 ug/ml
5) T A~2-methylnaphthalene...	7.416	13079234	98.890 ug/ml
6) T n-Tetradecane (C14)	8.606	12691728	98.017 ug/ml
7) T n-Hexadecane (C16)	10.214	13114496	97.700 ug/ml
8) T n-Octadecane (C18)	11.658	13262615	97.596 ug/ml
10) T n-Eicosane (C20)	12.966	12783734	97.516 ug/ml
11) T n-Heneicosane (C21)	13.578	12590732	97.538 ug/ml
13) T n-Docosane (C22)	14.164	12541358	97.556 ug/ml
14) T n-Tetracosane (C24)	15.266	12512809	97.457 ug/ml
15) T n-Hexacosane (C26)	16.286	12395057	97.338 ug/ml
16) T n-Octacosane (C28)	17.235	12262139	97.251 ug/ml
17) T n-Tricontane (C30)	18.122	12510653	96.863 ug/ml
18) T n-Dotriacontane (C32)	18.954	12462473	96.377 ug/ml
19) T n-Tetratriacontane (C34)	19.737	12556137	96.858 ug/ml
20) T n-Hexatriacontane (C36)	20.476	12752235	97.545 ug/ml
21) T n-Octatriacontane (C38)	21.220	13086802	97.546 ug/ml
22) T n-Tetracontane (C40)	22.151	13250208	97.719 ug/ml

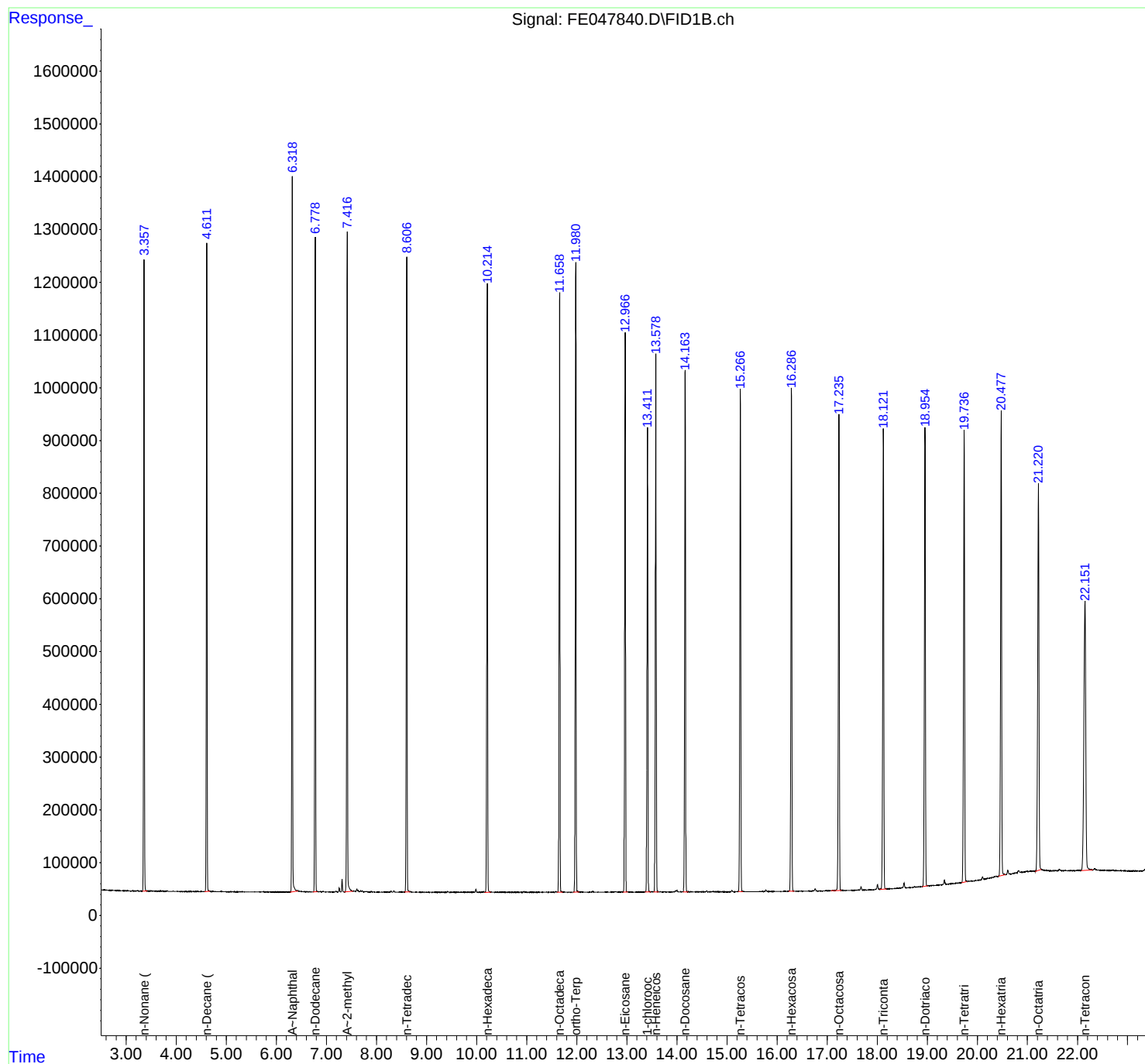
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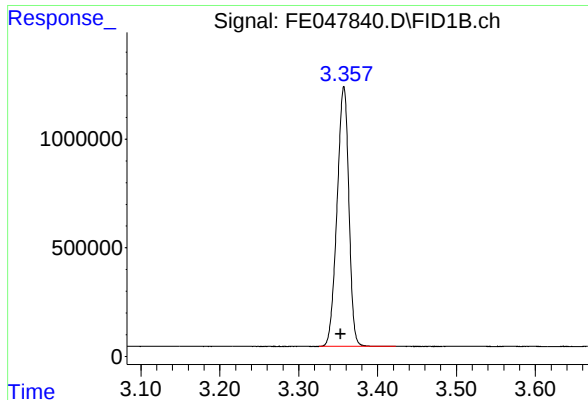
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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047840.D
Signal(s) : FID1B.ch
Acq On : 26 Apr 2024 23:44
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Apr 29 03:19:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:19:20 2024
Response via : Initial Calibration
Integrator: ChemStation

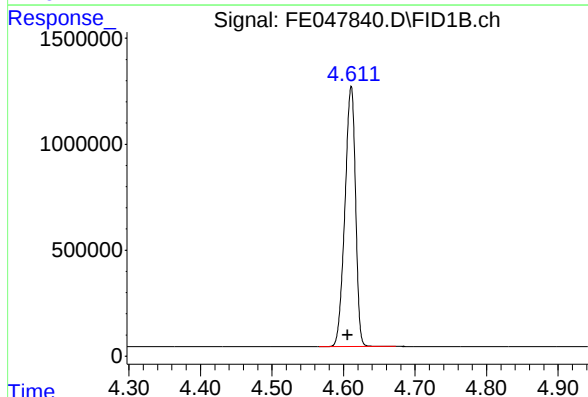
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





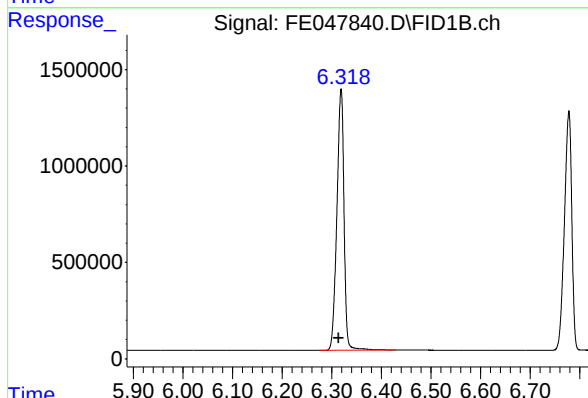
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: 0.004 min
Response: 12431367
Conc: 98.12 ug/ml



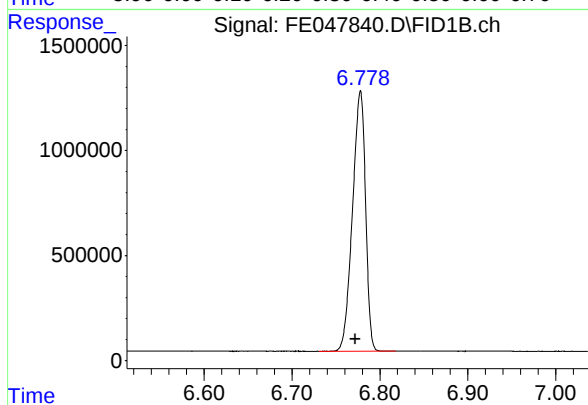
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: 0.005 min
Response: 12668538
Conc: 98.12 ug/ml



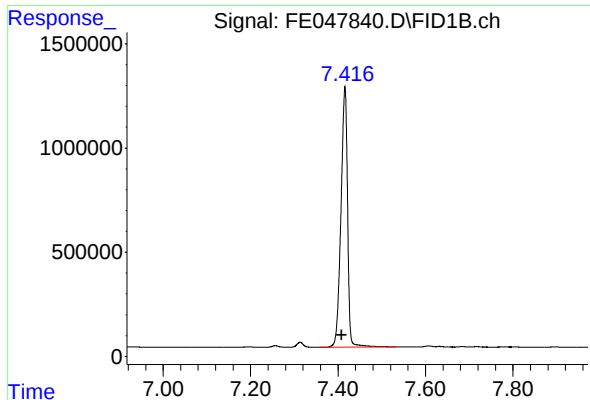
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: 0.005 min
Response: 13529383
Conc: 98.76 ug/ml



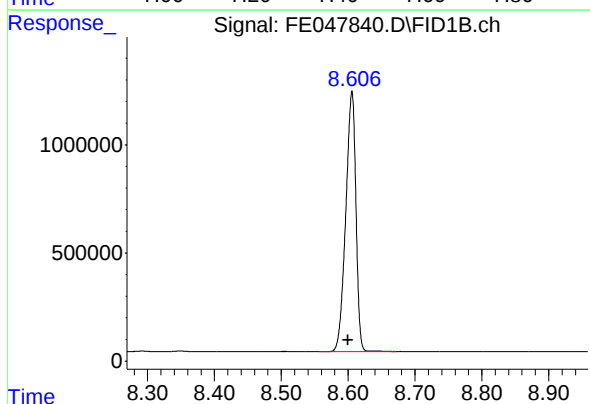
#4 n-Dodecane (C12)

R.T.: 6.778 min
Delta R.T.: 0.006 min
Response: 12773744
Conc: 97.93 ug/ml



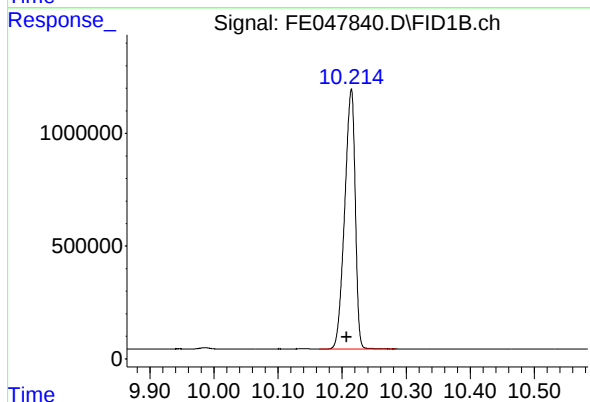
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.416 min
Delta R.T.: 0.007 min
Response: 13079234
Conc: 98.89 ug/ml



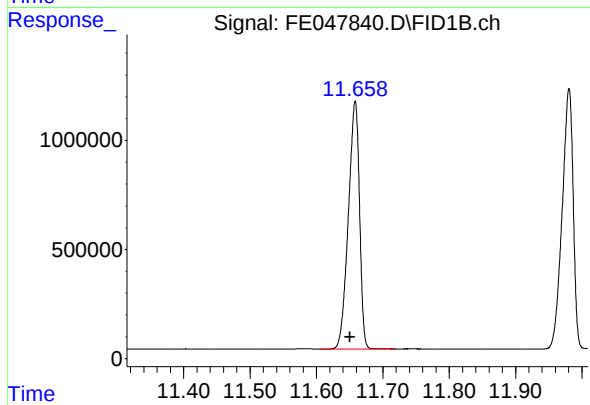
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.006 min
Response: 12691728
Conc: 98.02 ug/ml



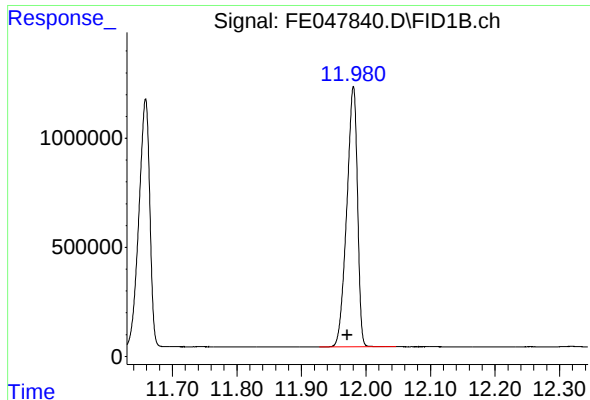
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.007 min
Response: 13114496
Conc: 97.70 ug/ml



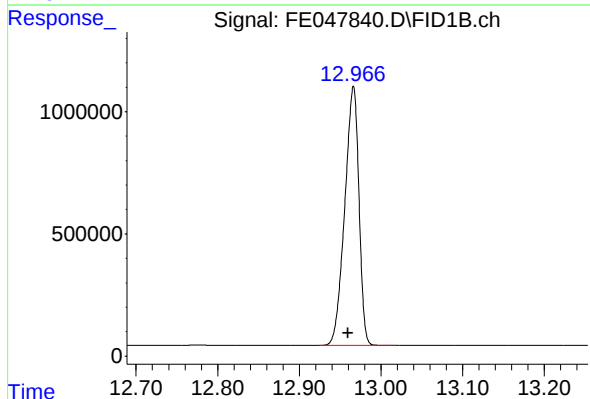
#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: 0.008 min
Response: 13262615
Conc: 97.60 ug/ml



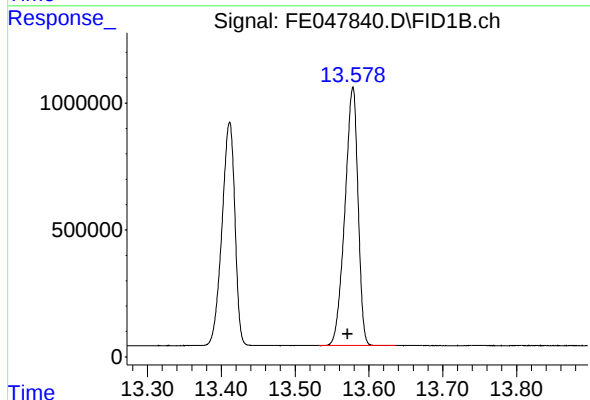
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: 0.010 min
Response: 13782607
Conc: 97.66 ug/ml



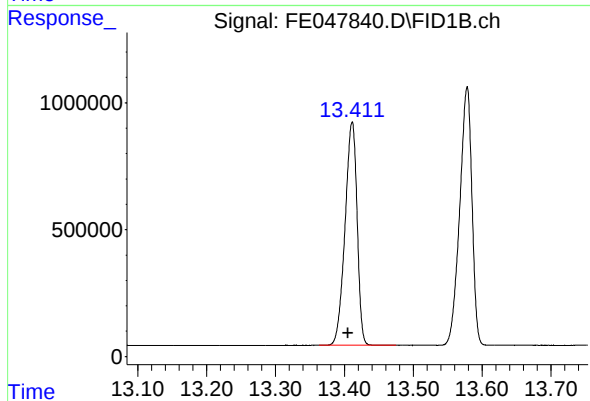
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.007 min
Response: 12783734
Conc: 97.52 ug/ml



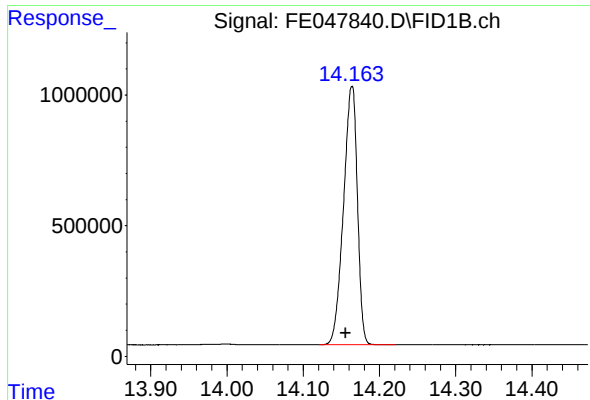
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.007 min
Response: 12590732
Conc: 97.54 ug/ml



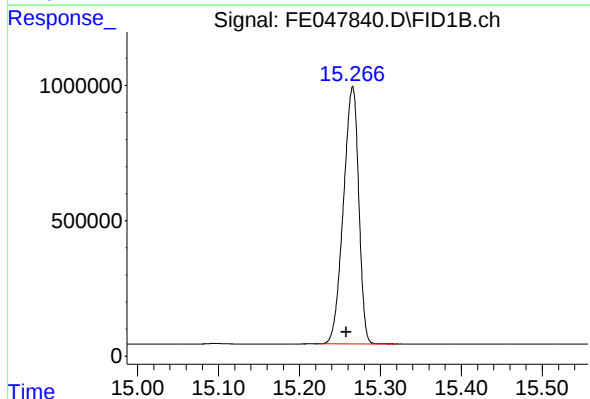
#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.006 min
Response: 10714256
Conc: 97.89 ug/ml



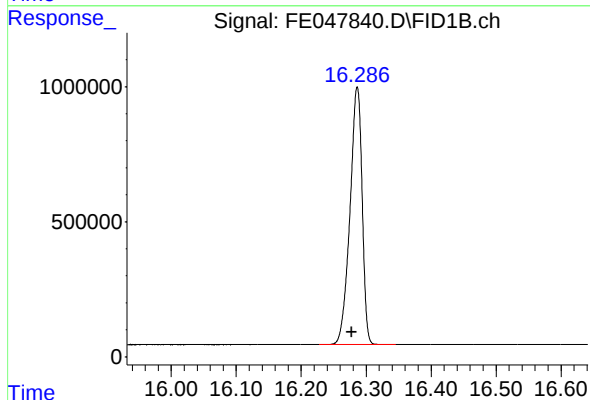
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: 0.008 min
Response: 12541358
Conc: 97.56 ug/ml



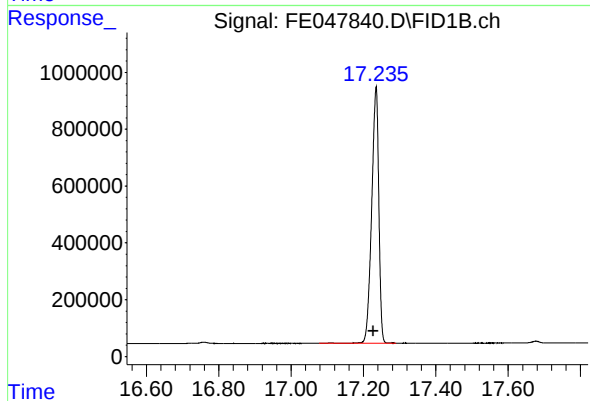
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: 0.008 min
Response: 12512809
Conc: 97.46 ug/ml



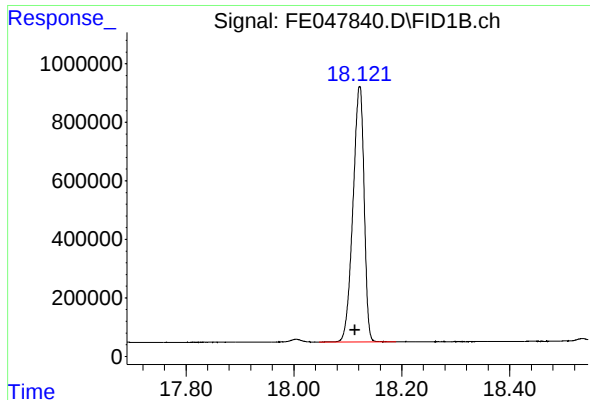
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.008 min
Response: 12395057
Conc: 97.34 ug/ml



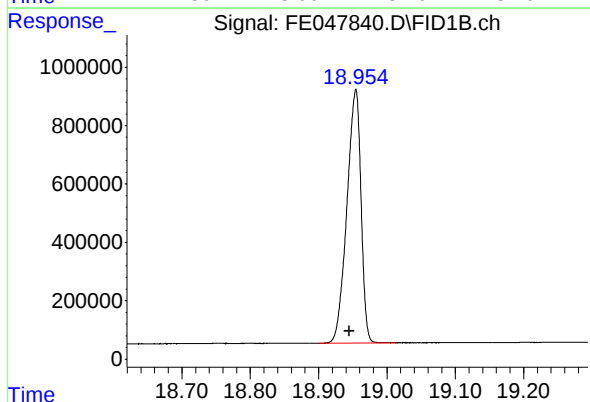
#16 n-Octacosane (C28)

R.T.: 17.235 min
Delta R.T.: 0.008 min
Response: 12262139
Conc: 97.25 ug/ml



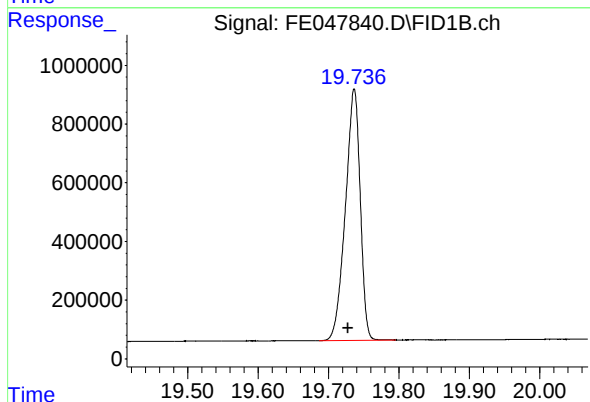
#17 n-Tricontane (C30)

R.T.: 18.122 min
Delta R.T.: 0.009 min
Response: 12510653
Conc: 96.86 ug/ml



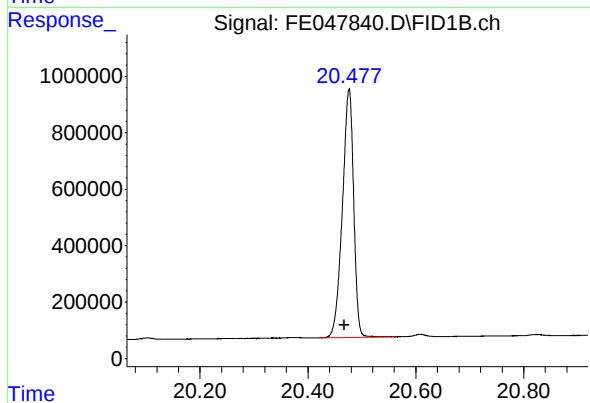
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.010 min
Response: 12462473
Conc: 96.38 ug/ml



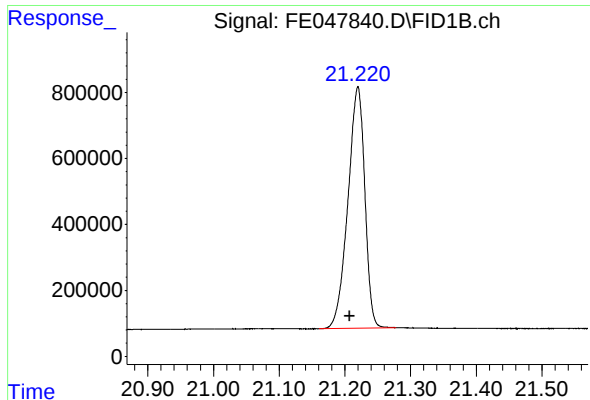
#19 n-Tetatriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.009 min
Response: 12556137
Conc: 96.86 ug/ml



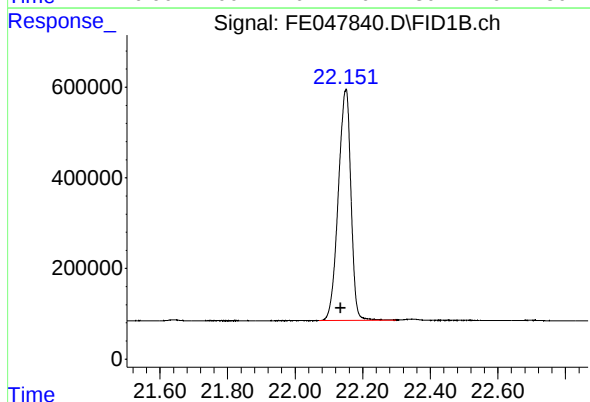
#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: 0.009 min
Response: 12752235
Conc: 97.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.012 min
Response: 13086802
Conc: 97.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.017 min
Response: 13250208
Conc: 97.72 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047840.D
Signal(s) : FID1B.ch
Acq On : 26 Apr 2024 23:44
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.357	3.326	3.423	BB	1197203	12431367	90.20%	4.444%
2	4.611	4.566	4.673	BB	1228683	12668538	91.92%	4.528%
3	6.319	6.274	6.429	BB	1354208	13529383	98.16%	4.836%
4	6.778	6.731	6.818	BB	1241604	12773744	92.68%	4.566%
5	7.416	7.357	7.532	BV	1249892	13079234	94.90%	4.675%
6	8.606	8.557	8.672	BB	1202660	12691728	92.09%	4.537%
7	10.214	10.164	10.284	BB	1151724	13114496	95.15%	4.688%
8	11.658	11.604	11.720	BB	1136201	13262615	96.23%	4.741%
9	11.981	11.927	12.047	BB	1193936	13782607	100.00%	4.927%
10	12.966	12.924	13.018	BB	1060333	12783734	92.75%	4.570%
11	13.411	13.363	13.475	BB	880287	10714256	77.74%	3.830%
12	13.578	13.532	13.637	BB	1018605	12590732	91.35%	4.501%
13	14.164	14.121	14.222	BB	988470	12541358	90.99%	4.483%
14	15.266	15.224	15.319	BB	951900	12512809	90.79%	4.473%
15	16.286	16.227	16.346	BB	953896	12395057	89.93%	4.431%
16	17.235	17.077	17.290	BB	902018	12262139	88.97%	4.383%
17	18.122	18.047	18.189	BB	872201	12510653	90.77%	4.472%
18	18.954	18.901	19.013	BB	870791	12462473	90.42%	4.455%
19	19.737	19.687	19.796	BB	856707	12556137	91.10%	4.488%
20	20.476	20.421	20.563	BB	880725	12752235	92.52%	4.558%
21	21.220	21.161	21.278	BBA	732889	13086802	94.95%	4.678%
22	22.151	22.071	22.298	BB	510423	13250208	96.14%	4.736%
Sum of corrected areas:						279752303		

Aliphatic EPH 042724.M Mon Apr 29 03:45:41 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
 Data File : FE047841.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2024 00:15
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 03:25:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:25:34 2024
 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)	11.975	6855729	47.699 ug/ml
Spiked Amount 50.000		Recovery =	95.40%
12) S 1-chlorooctadecane (S...	13.407	5319382	47.759 ug/ml
Spiked Amount 50.000		Recovery =	95.52%
Target Compounds			
1) T n-Nonane (C9)	3.355	6201611	48.489 ug/ml
2) T n-Decane (C10)	4.607	6329970	48.384 ug/ml
3) T A~Naphthalene (C11.7)	6.315	6727035	48.931 ug/ml
4) T n-Dodecane (C12)	6.774	6412261	48.332 ug/ml
5) T A~2-methylnaphthalene...	7.411	6518950	49.052 ug/ml
6) T n-Tetradecane (C14)	8.602	6351413	48.151 ug/ml
7) T n-Hexadecane (C16)	10.210	6546009	47.848 ug/ml
8) T n-Octadecane (C18)	11.653	6608806	47.695 ug/ml
10) T n-Eicosane (C20)	12.961	6363562	47.505 ug/ml
11) T n-Heneicosane (C21)	13.574	6268622	47.576 ug/ml
13) T n-Docosane (C22)	14.159	6237380	47.334 ug/ml
14) T n-Tetracosane (C24)	15.262	6234920	47.074 ug/ml
15) T n-Hexacosane (C26)	16.281	6177594	46.623 ug/ml
16) T n-Octacosane (C28)	17.231	6103953	46.207 ug/ml
17) T n-Tricontane (C30)	18.116	6232269	45.561 ug/ml
18) T n-Dotriacontane (C32)	18.949	6212619	45.398 ug/ml
19) T n-Tetratriacontane (C34)	19.733	6247694	46.132 ug/ml
20) T n-Hexatriacontane (C36)	20.472	6298754	46.717 ug/ml
21) T n-Octatriacontane (C38)	21.215	6473669	47.096 ug/ml
22) T n-Tetracontane (C40)	22.141	6578447	47.410 ug/ml

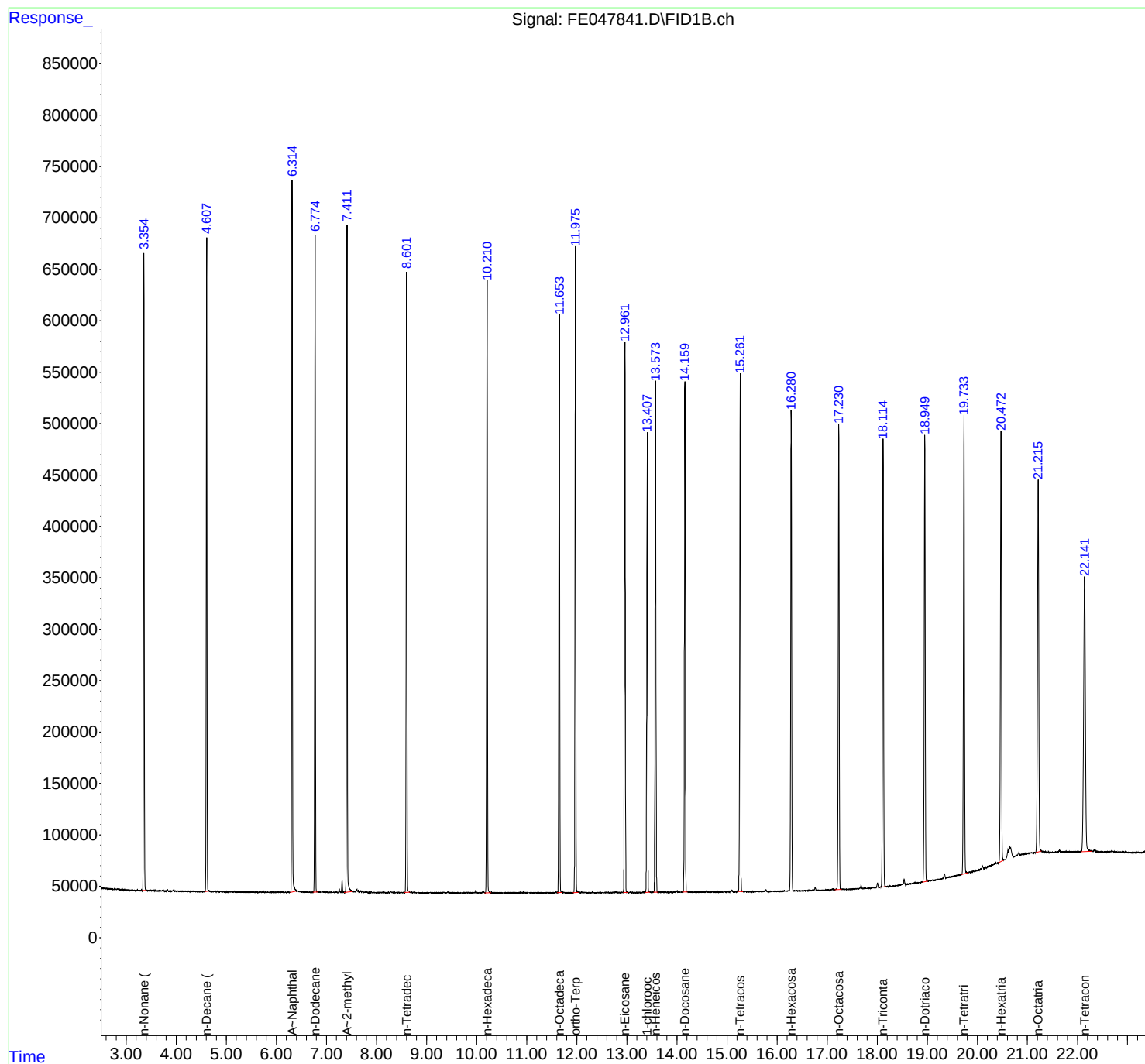
(f)=RT Delta > 1/2 Window

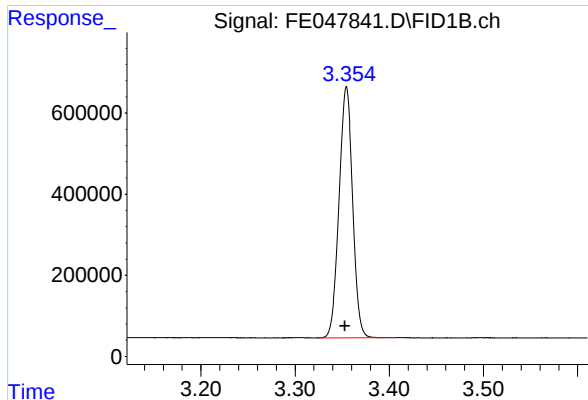
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047841.D
Signal(s) : FID1B.ch
Acq On : 27 Apr 2024 00:15
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Apr 29 03:25:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:25:34 2024
Response via : Initial Calibration
Integrator: ChemStation

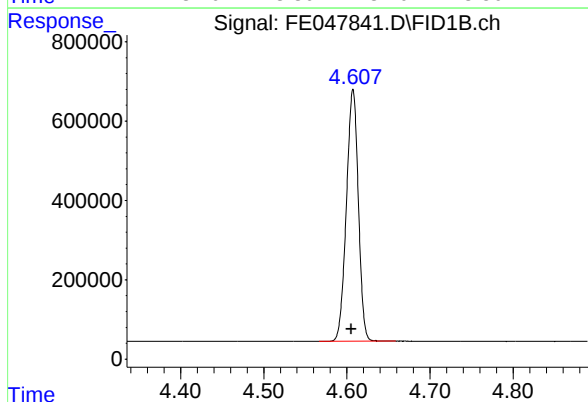
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





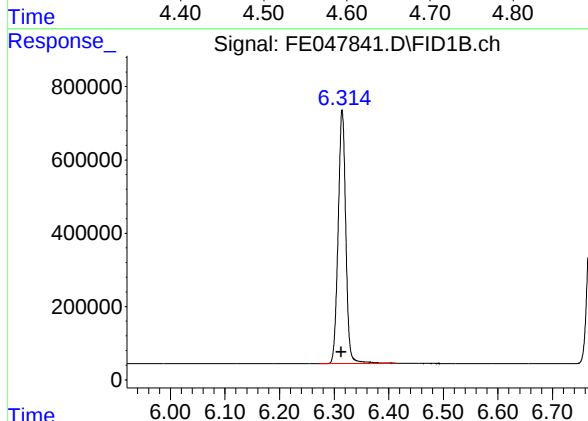
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: 0.002 min
Response: 6201611
Conc: 48.49 ug/ml



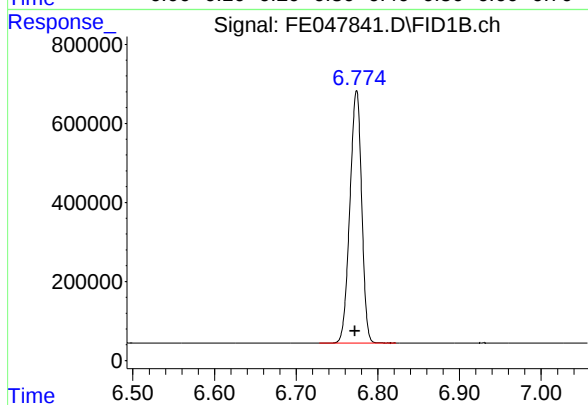
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 6329970
Conc: 48.38 ug/ml



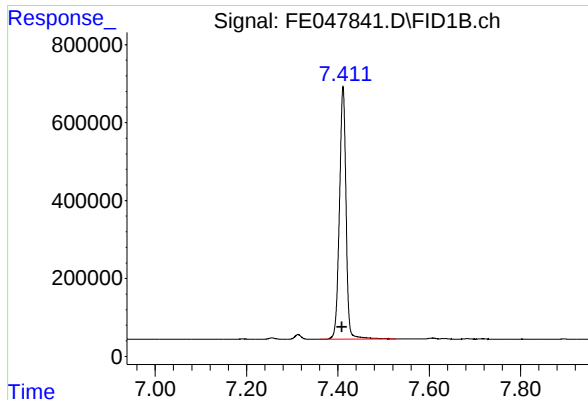
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: 0.001 min
Response: 6727035
Conc: 48.93 ug/ml



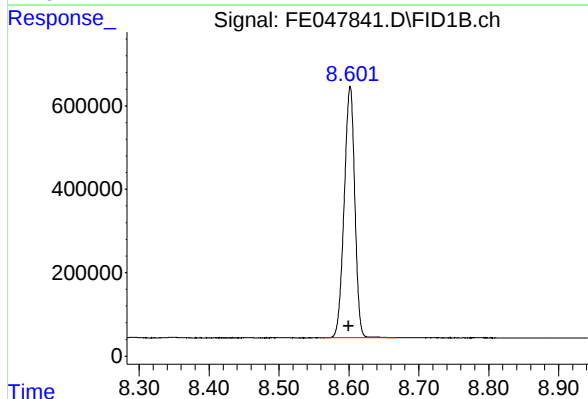
#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.002 min
Response: 6412261
Conc: 48.33 ug/ml



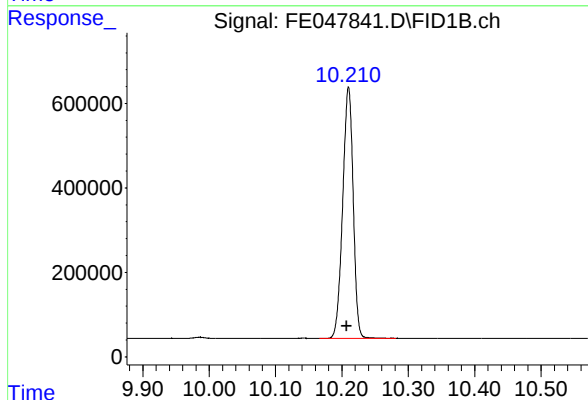
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.002 min
Response: 6518950
Conc: 49.05 ug/ml



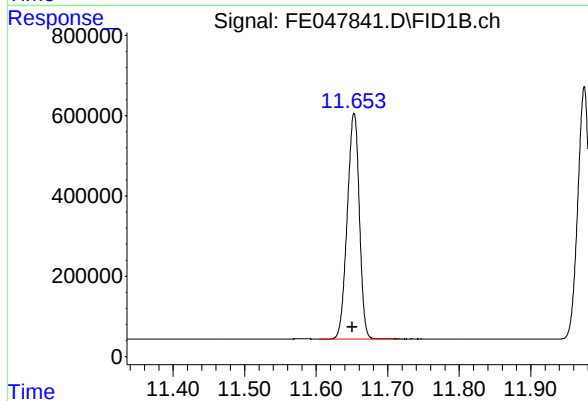
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.002 min
Response: 6351413
Conc: 48.15 ug/ml



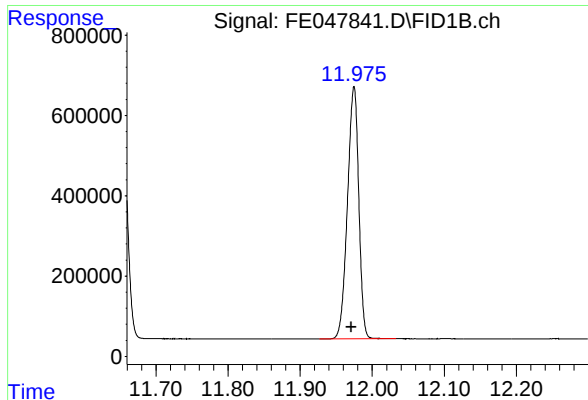
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 6546009
Conc: 47.85 ug/ml



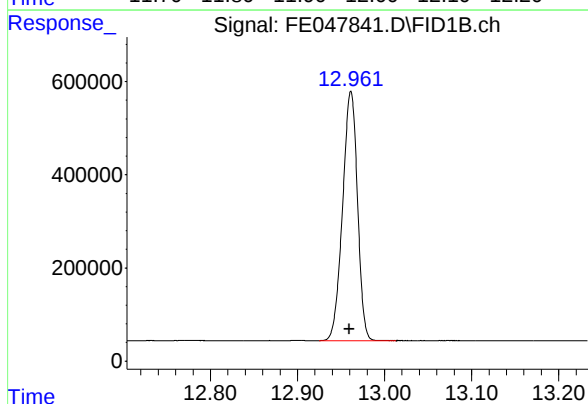
#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: 0.002 min
Response: 6608806
Conc: 47.70 ug/ml



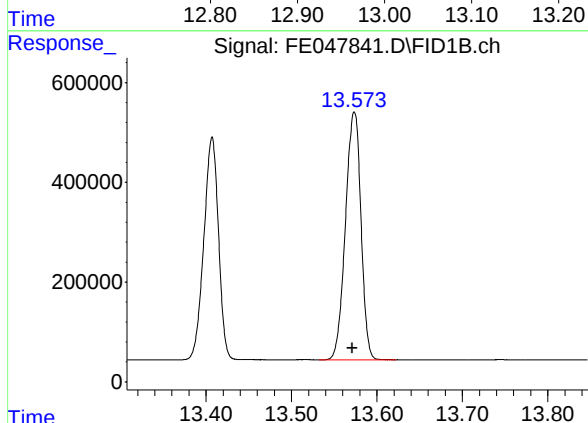
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: 0.004 min
Response: 6855729
Conc: 47.70 ug/ml



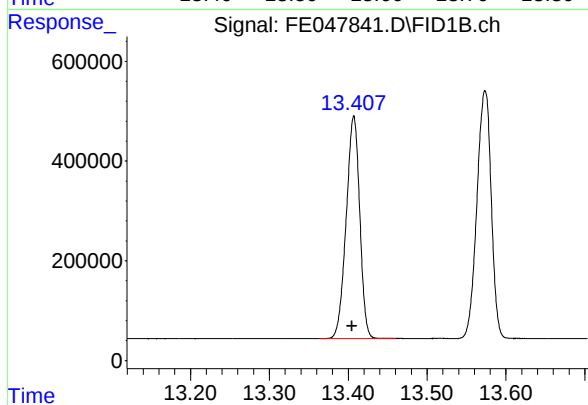
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: 0.002 min
Response: 6363562
Conc: 47.50 ug/ml



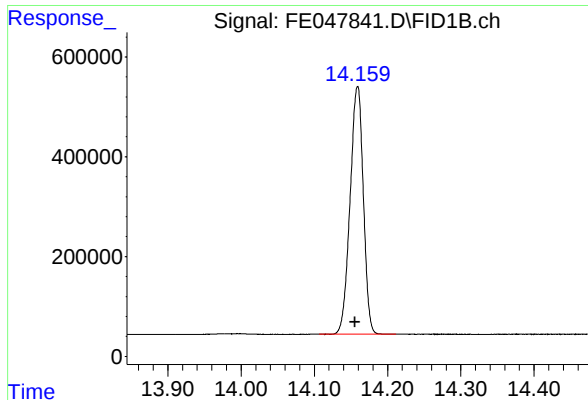
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: 0.003 min
Response: 6268622
Conc: 47.58 ug/ml



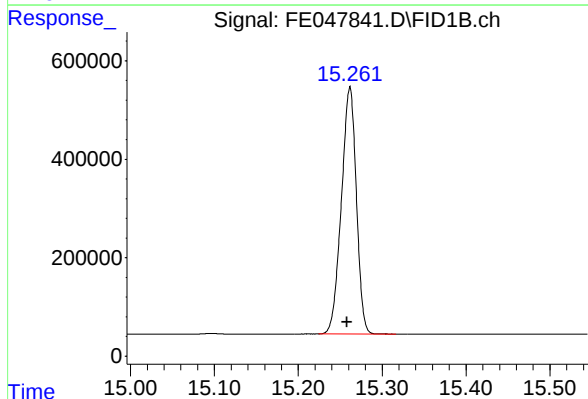
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.002 min
Response: 5319382
Conc: 47.76 ug/ml



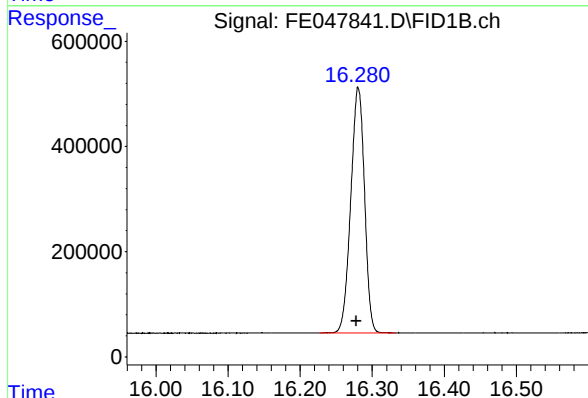
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: 0.004 min
Response: 6237380
Conc: 47.33 ug/ml



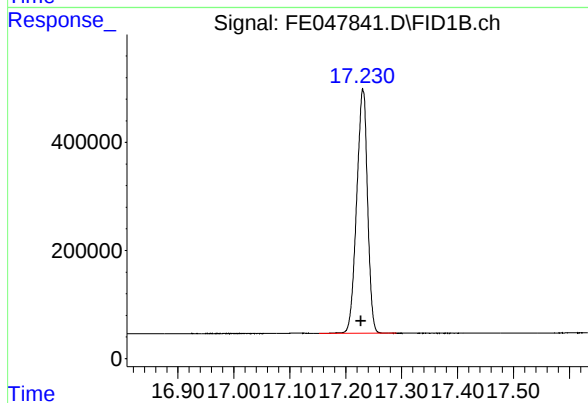
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: 0.004 min
Response: 6234920
Conc: 47.07 ug/ml



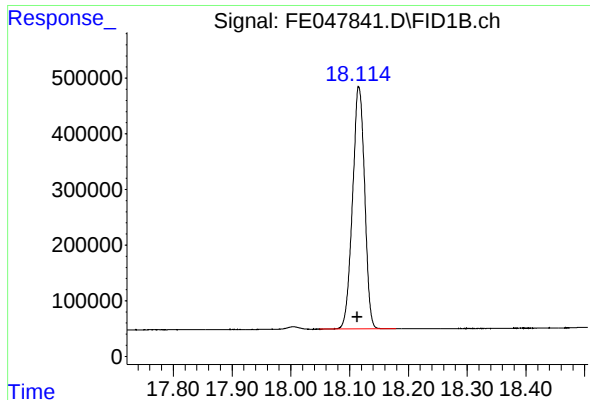
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: 0.003 min
Response: 6177594
Conc: 46.62 ug/ml



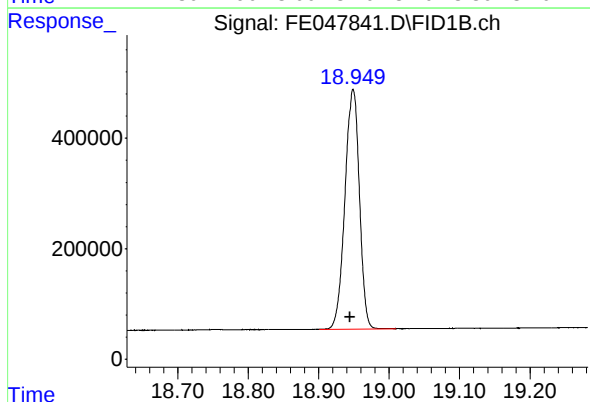
#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.004 min
Response: 6103953
Conc: 46.21 ug/ml



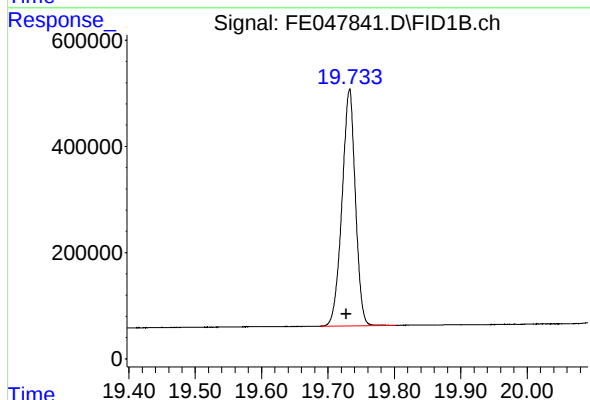
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: 0.002 min
Response: 6232269
Conc: 45.56 ug/ml



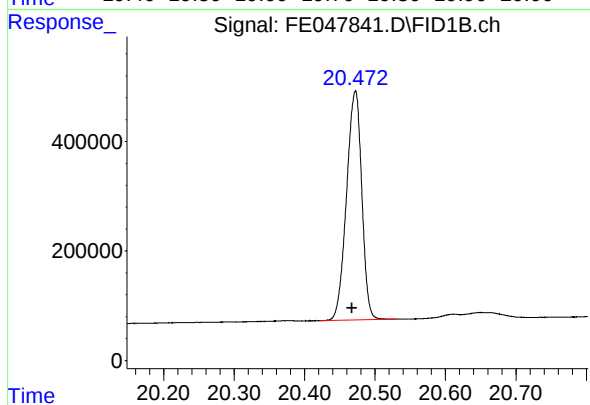
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: 0.004 min
Response: 6212619
Conc: 45.40 ug/ml



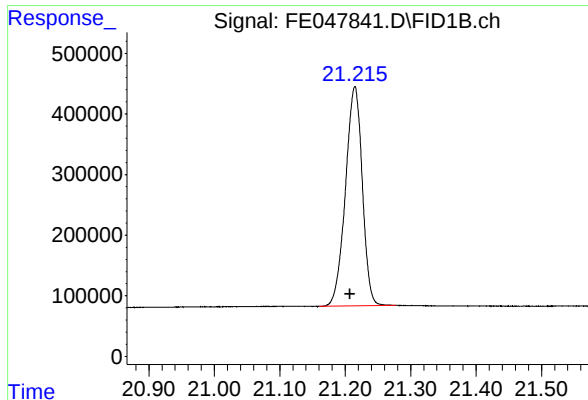
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: 0.005 min
Response: 6247694
Conc: 46.13 ug/ml



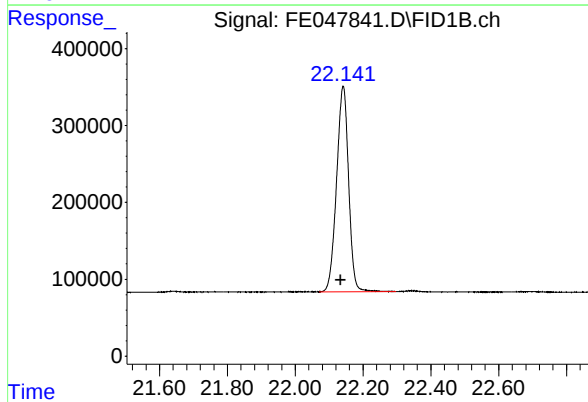
#20 n-Hexatriacontane (C36)

R.T.: 20.472 min
Delta R.T.: 0.005 min
Response: 6298754
Conc: 46.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: 0.007 min
Response: 6473669
Conc: 47.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: 0.007 min
Response: 6578447
Conc: 47.41 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047841.D
Signal(s) : FID1B.ch
Acq On : 27 Apr 2024 00:15
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.355	3.326	3.407	BB	619997	6201611	90.46%	4.452%
2	4.607	4.566	4.659	BB	635187	6329970	92.33%	4.544%
3	6.315	6.272	6.413	BB	690919	6727035	98.12%	4.829%
4	6.774	6.728	6.822	BB	638525	6412261	93.53%	4.603%
5	7.411	7.359	7.527	BB	648596	6518950	95.09%	4.680%
6	8.602	8.557	8.667	BB	602757	6351413	92.64%	4.560%
7	10.210	10.166	10.281	BB	595408	6546009	95.48%	4.699%
8	11.653	11.604	11.711	BB	562194	6608806	96.40%	4.744%
9	11.975	11.926	12.033	BB	628815	6855729	100.00%	4.922%
10	12.961	12.925	13.013	BB	535518	6363562	92.82%	4.568%
11	13.407	13.363	13.461	BB	446779	5319382	77.59%	3.819%
12	13.574	13.532	13.622	BB	496647	6268622	91.44%	4.500%
13	14.159	14.106	14.211	BB	496393	6237380	90.98%	4.478%
14	15.262	15.225	15.316	BB	502762	6234920	90.94%	4.476%
15	16.281	16.226	16.333	BB	465955	6177594	90.11%	4.435%
16	17.231	17.152	17.290	BB	451655	6103953	89.03%	4.382%
17	18.116	18.048	18.179	BB	434850	6232269	90.91%	4.474%
18	18.949	18.901	19.010	BB	434180	6212619	90.62%	4.460%
19	19.733	19.686	19.802	BB	445048	6247694	91.13%	4.485%
20	20.472	20.421	20.530	BB	418378	6298754	91.88%	4.522%
21	21.215	21.160	21.278	BBA	362322	6473669	94.43%	4.647%
22	22.141	22.070	22.297	BB	267548	6578447	95.96%	4.722%
Sum of corrected areas:						139300647		

Aliphatic EPH 042724.M Mon Apr 29 03:46:12 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
 Data File : FE047842.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2024 00:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 03:16:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:15:22 2024
 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)	11.971	2888501	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.405	2235222	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.353	2581474	20.000 ug/ml
2) T n-Decane (C10)	4.606	2630837	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.314	2774006	20.000 ug/ml
4) T n-Dodecane (C12)	6.772	2662746	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.409	2674564	20.000 ug/ml
6) T n-Tetradecane (C14)	8.599	2641068	20.000 ug/ml
7) T n-Hexadecane (C16)	10.207	2746388	20.000 ug/ml
8) T n-Octadecane (C18)	11.651	2783219	20.000 ug/ml
10) T n-Eicosane (C20)	12.959	2687003	20.000 ug/ml
11) T n-Heneicosane (C21)	13.571	2645284	20.000 ug/ml
13) T n-Docosane (C22)	14.155	2633971	20.000 ug/ml
14) T n-Tetracosane (C24)	15.258	2633173	20.000 ug/ml
15) T n-Hexacosane (C26)	16.278	2614611	20.000 ug/ml
16) T n-Octacosane (C28)	17.227	2591093	20.000 ug/ml
17) T n-Tricontane (C30)	18.113	2664176	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.945	2679896	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.728	2674134	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2678837	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.208	2749056	20.000 ug/ml
22) T n-Tetracontane (C40)	22.134	2773759	20.000 ug/ml

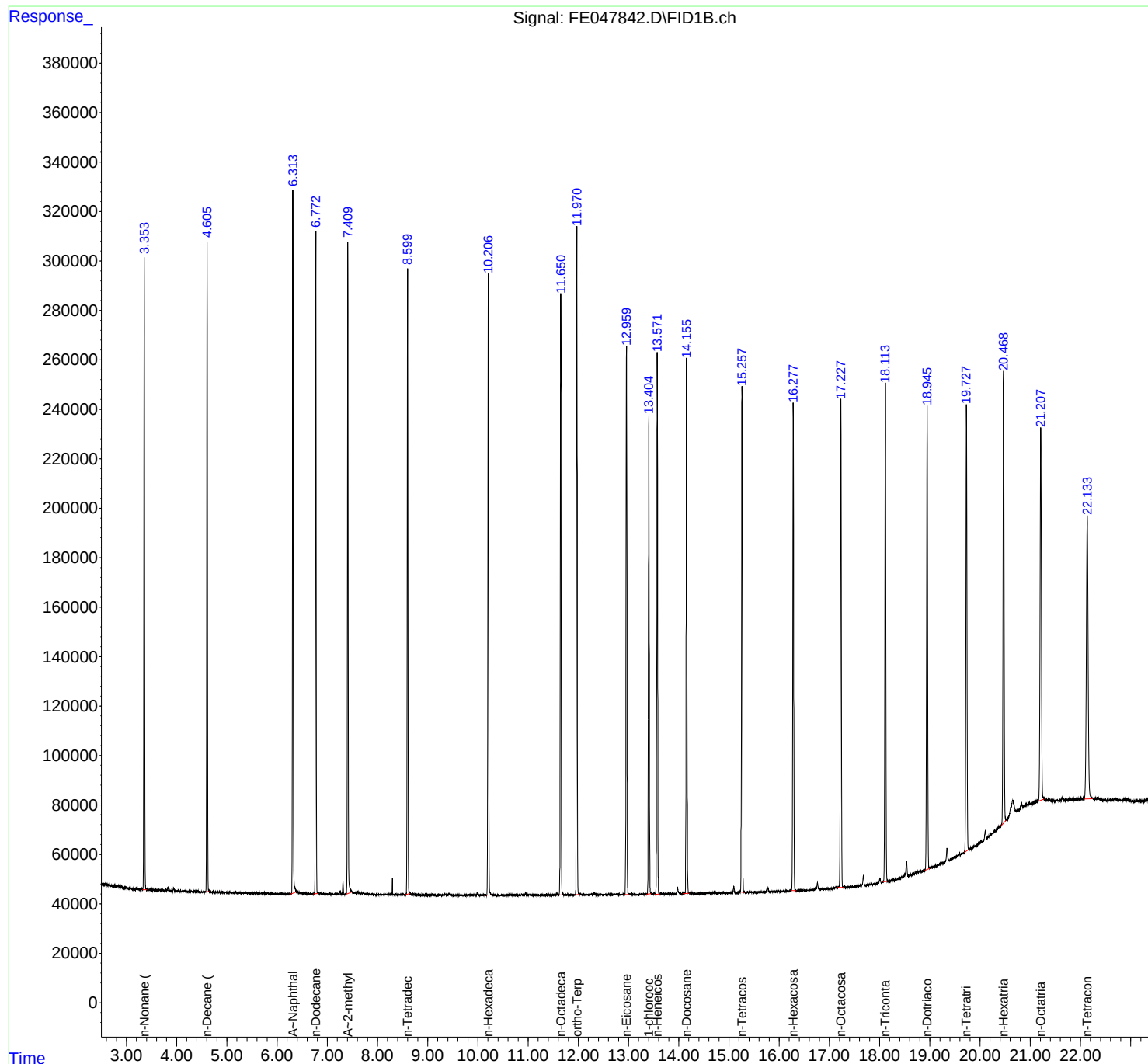
(f)=RT Delta > 1/2 Window

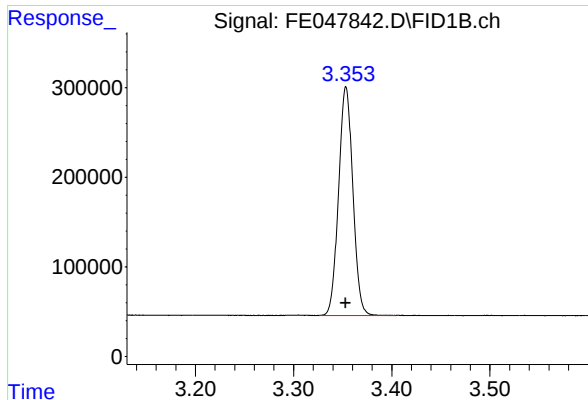
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047842.D
Signal(s) : FID1B.ch
Acq On : 27 Apr 2024 00:46
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Apr 29 03:16:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:15:22 2024
Response via : Initial Calibration
Integrator: ChemStation

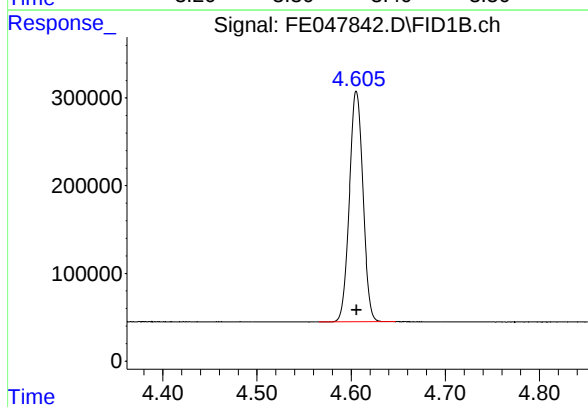
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





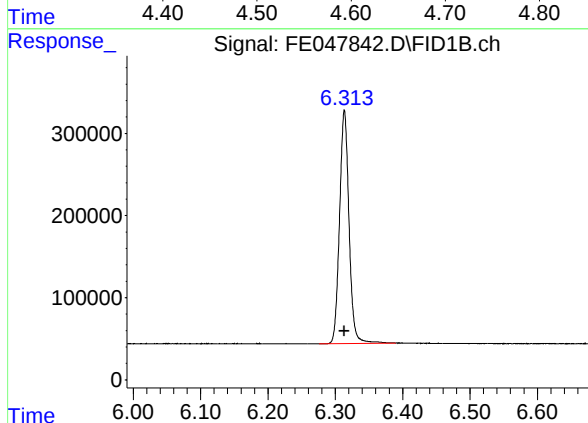
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 2581474
Conc: 20.00 ug/ml



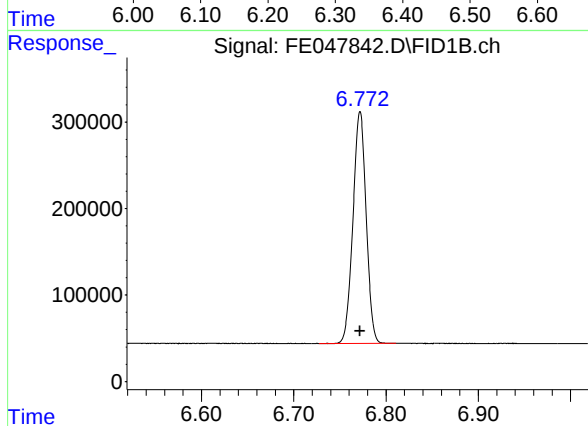
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 2630837
Conc: 20.00 ug/ml



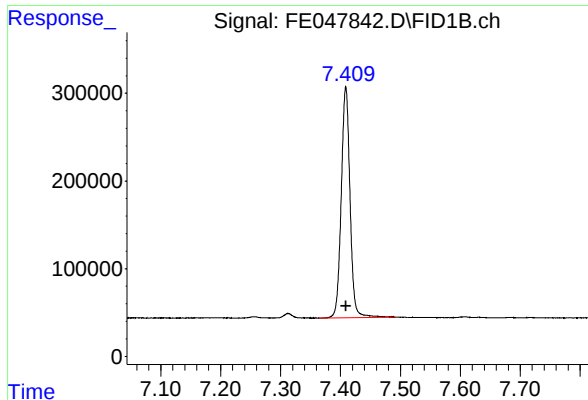
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 2774006
Conc: 20.00 ug/ml



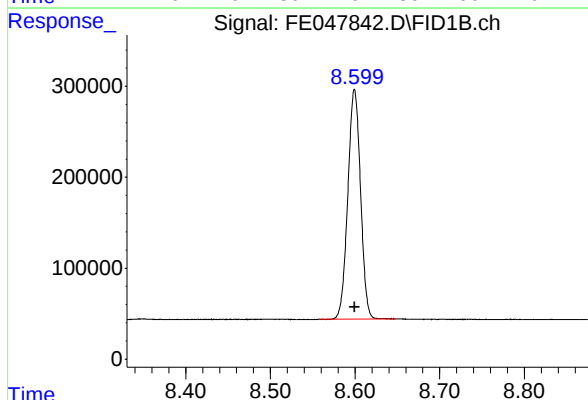
#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2662746
Conc: 20.00 ug/ml



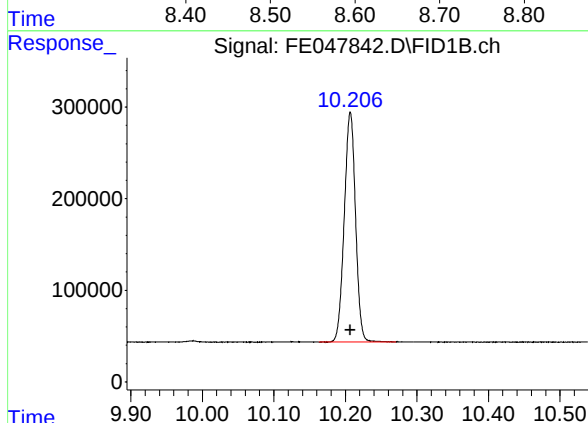
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 2674564
Conc: 20.00 ug/ml



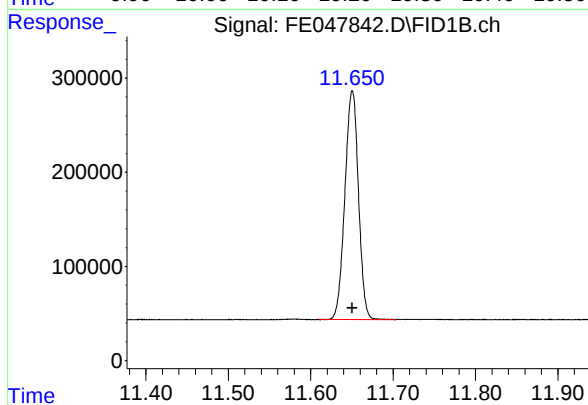
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 2641068
Conc: 20.00 ug/ml



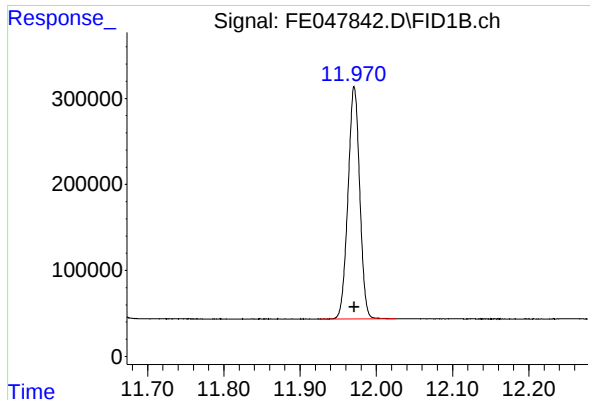
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.000 min
Response: 2746388
Conc: 20.00 ug/ml



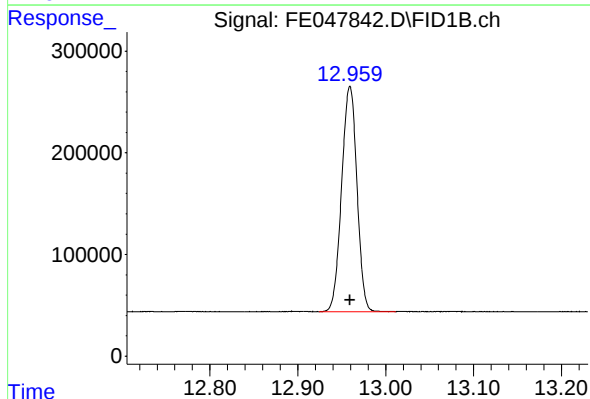
#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 2783219
Conc: 20.00 ug/ml



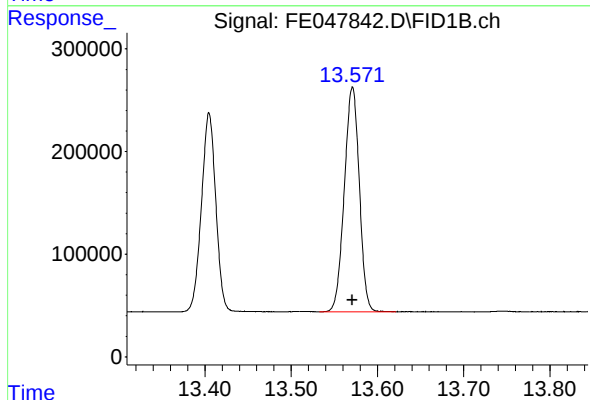
#9 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: 0.000 min
Response: 2888501
Conc: 20.00 ug/ml



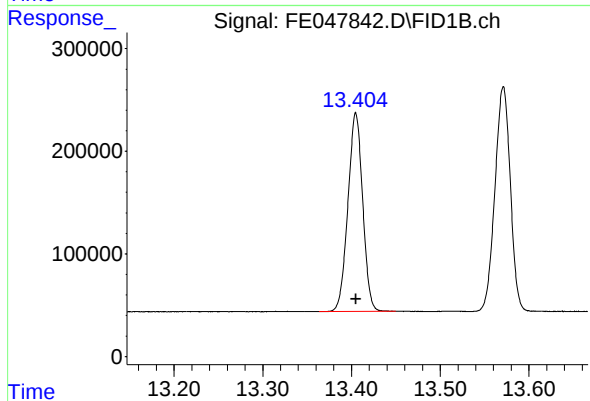
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.000 min
Response: 2687003
Conc: 20.00 ug/ml



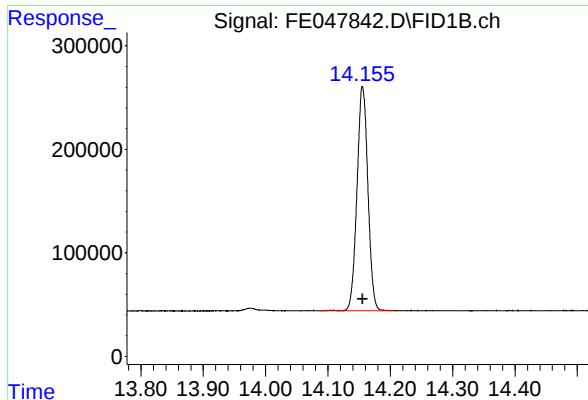
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 2645284
Conc: 20.00 ug/ml



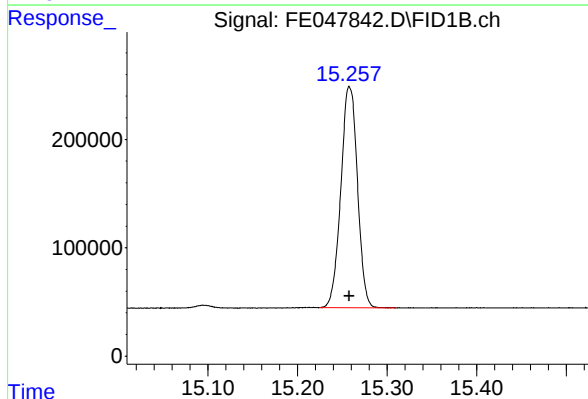
#12 1-chlorooctadecane (SURR)

R.T.: 13.405 min
Delta R.T.: 0.000 min
Response: 2235222
Conc: 20.00 ug/ml



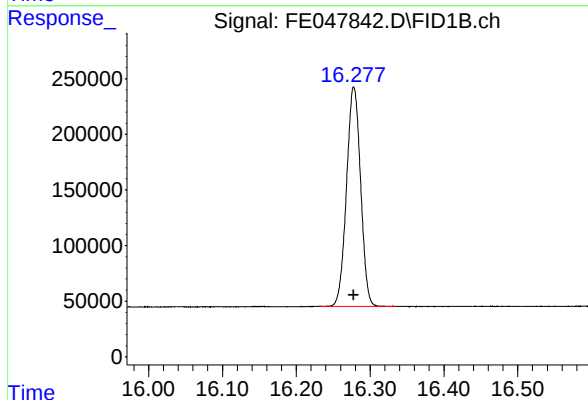
#13 n-Docosane (C22)

R.T.: 14.155 min
Delta R.T.: 0.000 min
Response: 2633971
Conc: 20.00 ug/ml



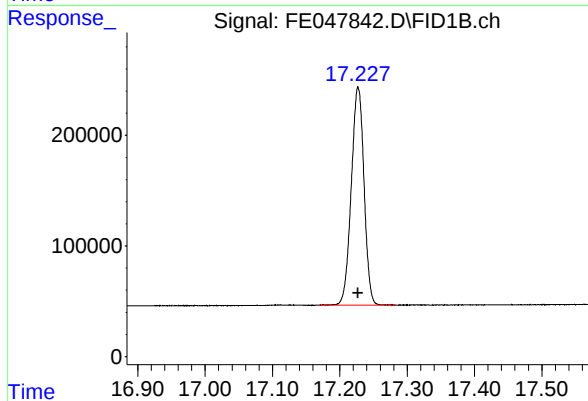
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: 0.000 min
Response: 2633173
Conc: 20.00 ug/ml



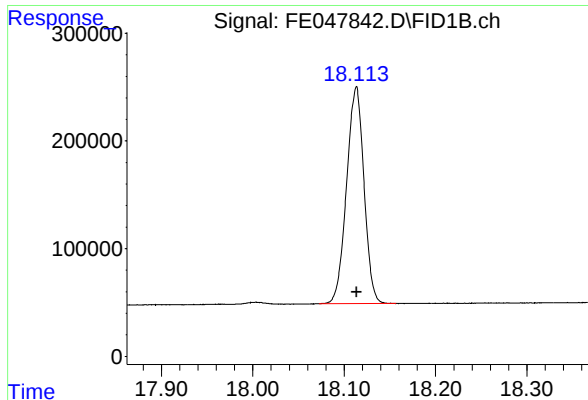
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 2614611
Conc: 20.00 ug/ml



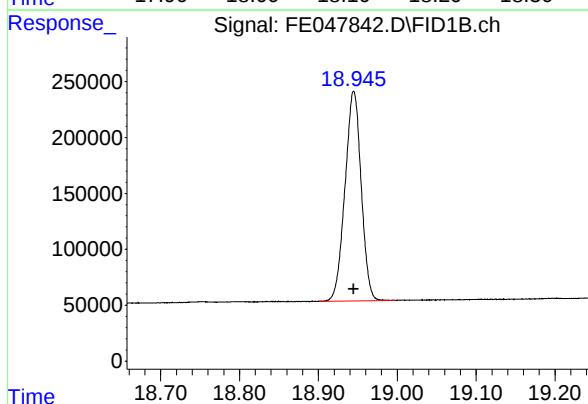
#16 n-Octacosane (C28)

R.T.: 17.227 min
Delta R.T.: 0.000 min
Response: 2591093
Conc: 20.00 ug/ml



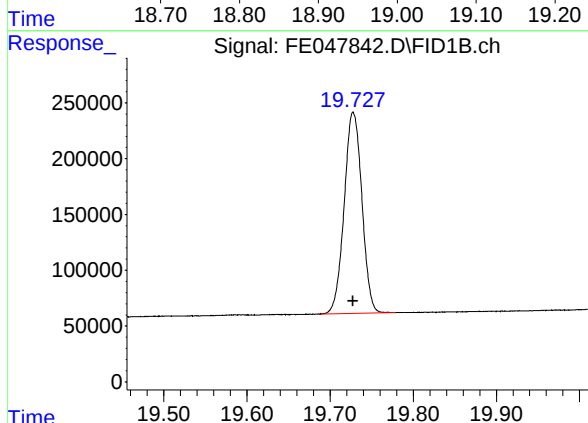
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 2664176
Conc: 20.00 ug/ml



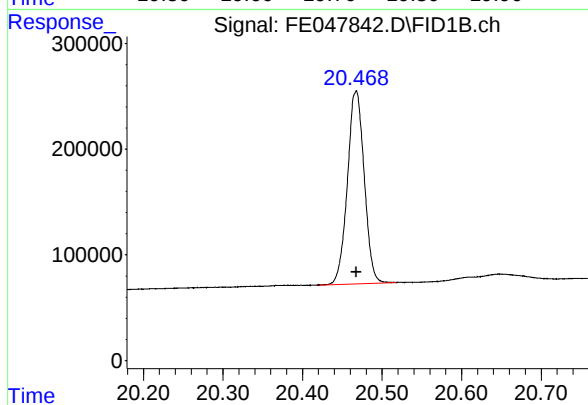
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.000 min
Response: 2679896
Conc: 20.00 ug/ml



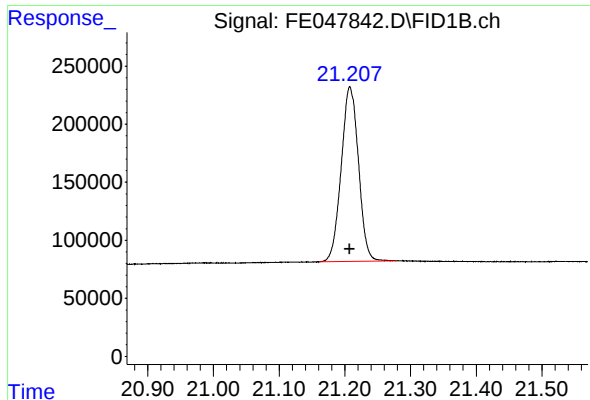
#19 n-Tetatriacontane (C34)

R.T.: 19.728 min
Delta R.T.: 0.000 min
Response: 2674134
Conc: 20.00 ug/ml



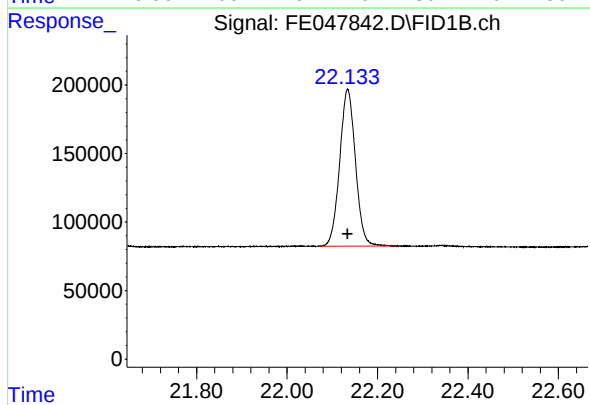
#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.000 min
Response: 2678837
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.000 min
Response: 2749056
Conc: 20.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.134 min
Delta R.T.: 0.000 min
Response: 2773759
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047842.D
Signal(s) : FID1B.ch
Acq On : 27 Apr 2024 00:46
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.353	3.326	3.404	BB	255648	2581474	89.37%	4.402%
2	4.606	4.566	4.647	BB	262625	2630837	91.08%	4.486%
3	6.314	6.276	6.390	BB	284405	2774006	96.04%	4.730%
4	6.772	6.727	6.811	BB	268060	2662746	92.18%	4.541%
5	7.409	7.364	7.492	BB	263432	2674564	92.59%	4.561%
6	8.599	8.557	8.648	BB	252920	2641068	91.43%	4.504%
7	10.207	10.163	10.271	BB	250893	2746388	95.08%	4.683%
8	11.651	11.610	11.703	BB	242988	2783219	96.36%	4.746%
9	11.971	11.925	12.026	BB	269955	2888501	100.00%	4.926%
10	12.959	12.924	13.012	BB	221754	2687003	93.02%	4.582%
11	13.405	13.363	13.450	BB	193783	2235222	77.38%	3.812%
12	13.571	13.532	13.622	BB	218947	2645284	91.58%	4.511%
13	14.155	14.086	14.209	BB	216467	2633971	91.19%	4.492%
14	15.258	15.224	15.310	BB	204049	2633173	91.16%	4.490%
15	16.278	16.231	16.335	BB	197066	2614611	90.52%	4.459%
16	17.227	17.169	17.283	BB	196869	2591093	89.70%	4.418%
17	18.113	18.072	18.157	BB	201441	2664176	92.23%	4.543%
18	18.945	18.901	18.998	BB	187521	2679896	92.78%	4.570%
19	19.728	19.687	19.779	BB	180484	2674134	92.58%	4.560%
20	20.467	20.421	20.517	BB	182547	2678837	92.74%	4.568%
21	21.208	21.161	21.278	BBA	150683	2749056	95.17%	4.688%
22	22.134	22.071	22.241	BB	114469	2773759	96.03%	4.730%
Sum of corrected areas:						58643016		

Aliphatic EPH 042724.M Mon Apr 29 03:46:43 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
 Data File : FE047843.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2024 01:17
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 03:27:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:27:32 2024
 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)	11.970	1464102	10.149 ug/ml
Spiked Amount 50.000		Recovery =	20.30%
12) S 1-chlorooctadecane (S...	13.403	1131839	10.129 ug/ml
Spiked Amount 50.000		Recovery =	20.26%
Target Compounds			
1) T n-Nonane (C9)	3.353	1328079	10.306 ug/mlm
2) T n-Decane (C10)	4.605	1349591	10.251 ug/ml
3) T A~Naphthalene (C11.7)	6.313	1404921	10.175 ug/ml
4) T n-Dodecane (C12)	6.770	1358786	10.193 ug/ml
5) T A~2-methylnaphthalene...	7.407	1337758	10.053 ug/ml
6) T n-Tetradecane (C14)	8.598	1349844	10.186 ug/ml
7) T n-Hexadecane (C16)	10.206	1404278	10.210 ug/ml
8) T n-Octadecane (C18)	11.648	1422306	10.211 ug/ml
10) T n-Eicosane (C20)	12.958	1373931	10.204 ug/ml
11) T n-Heneicosane (C21)	13.569	1348314	10.186 ug/ml
13) T n-Docosane (C22)	14.156	1355020	10.225 ug/ml
14) T n-Tetracosane (C24)	15.257	1359688	10.211 ug/ml
15) T n-Hexacosane (C26)	16.277	1372091	10.282 ug/ml
16) T n-Octacosane (C28)	17.225	1373302	10.314 ug/ml
17) T n-Tricontane (C30)	18.112	1429115	10.355 ug/ml
18) T n-Dotriacontane (C32)	18.946	1432417	10.370 ug/ml
19) T n-Tetratriacontane (C34)	19.727	1393853	10.232 ug/ml
20) T n-Hexatriacontane (C36)	20.467	1376896	10.169 ug/ml
21) T n-Octatriacontane (C38)	21.208	1405086	10.177 ug/ml
22) T n-Tetracontane (C40)	22.132	1415810	10.162 ug/ml

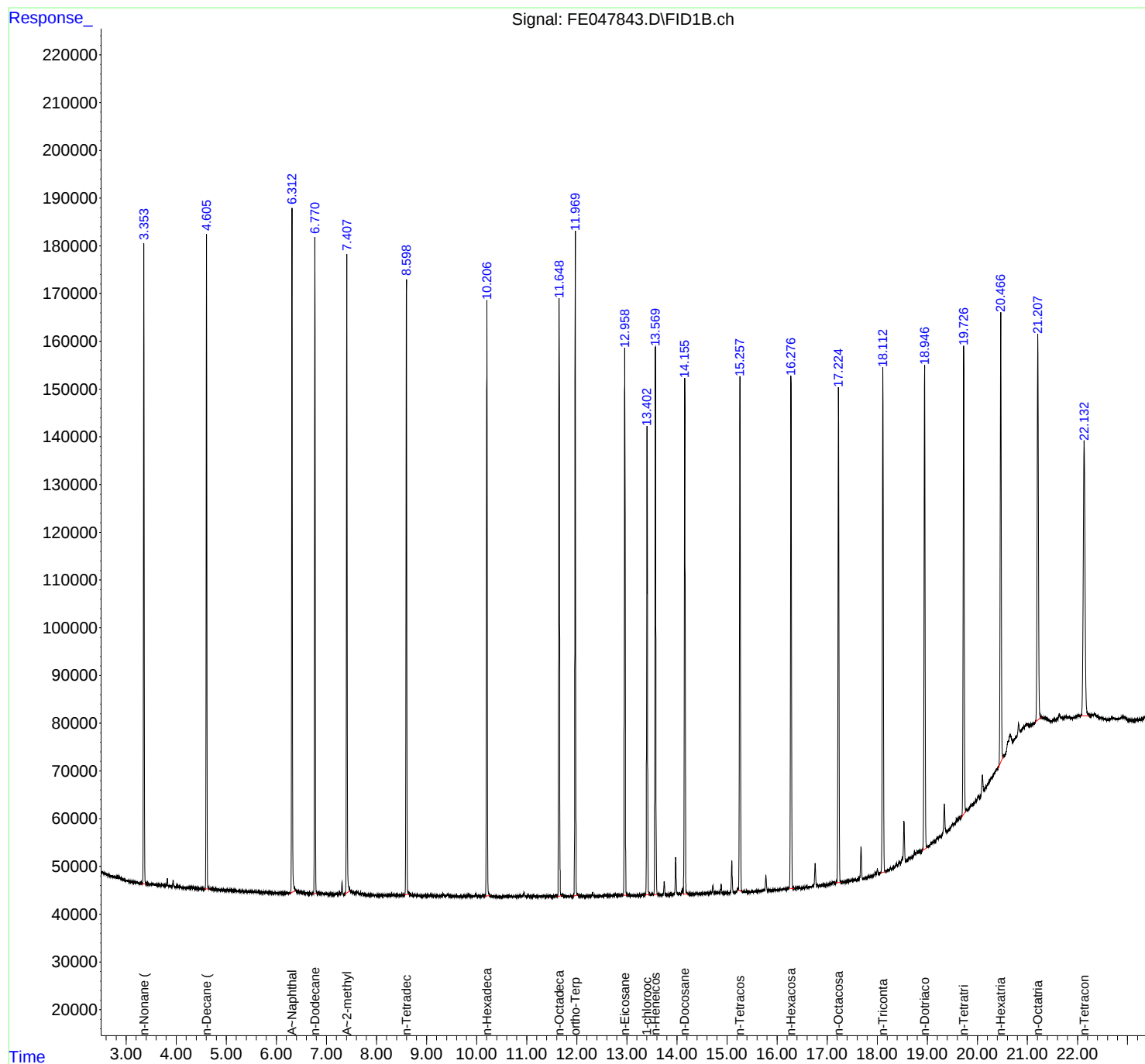
(f)=RT Delta > 1/2 Window

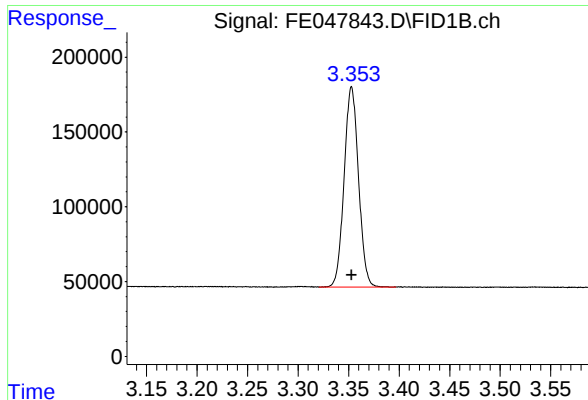
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047843.D
Signal(s) : FID1B.ch
Acq On : 27 Apr 2024 01:17
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Apr 29 03:27:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:27:32 2024
Response via : Initial Calibration
Integrator: ChemStation

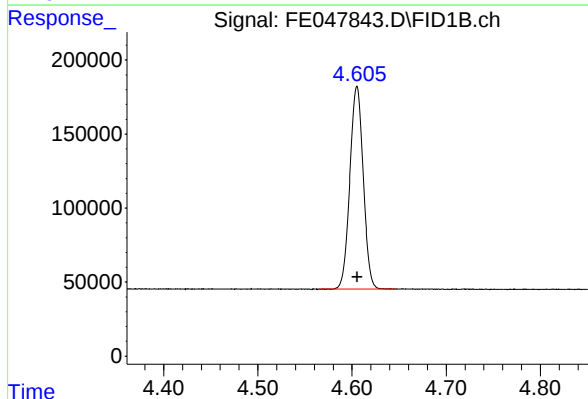
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





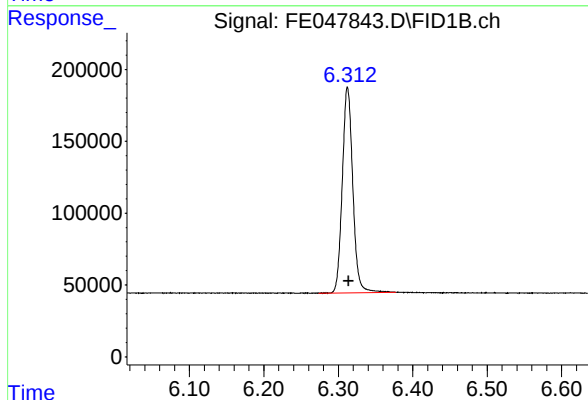
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 1328079
Conc: 10.31 ug/ml m



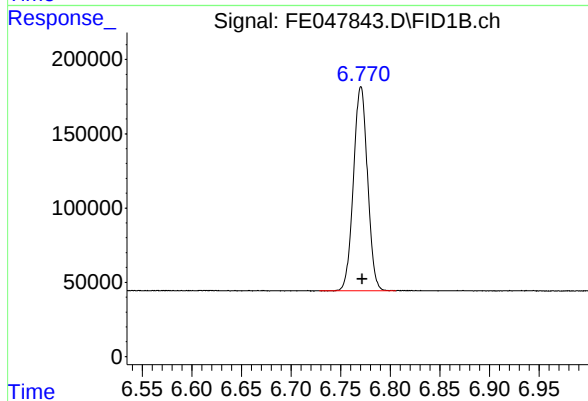
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 1349591
Conc: 10.25 ug/ml



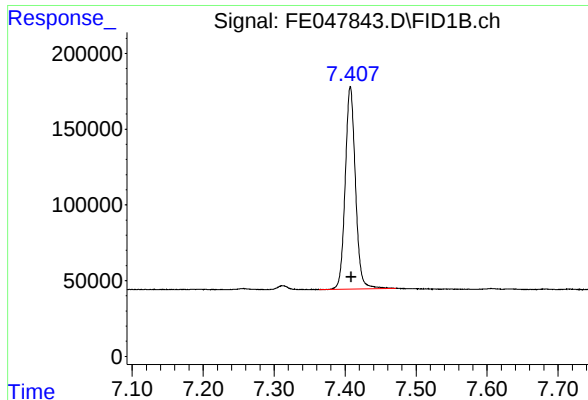
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: -0.001 min
Response: 1404921
Conc: 10.17 ug/ml



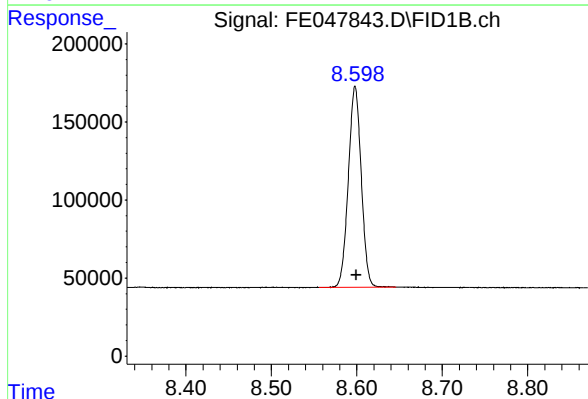
#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 1358786
Conc: 10.19 ug/ml



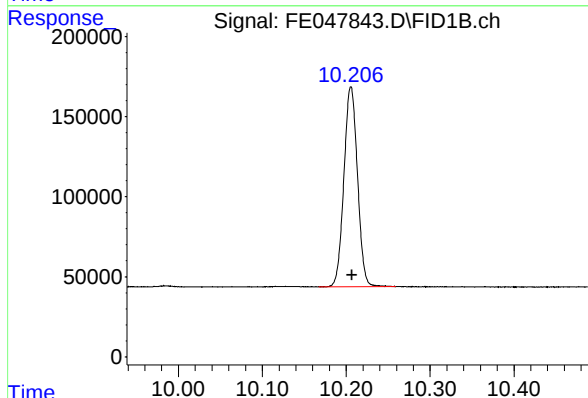
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: -0.002 min
Response: 1337758
Conc: 10.05 ug/ml



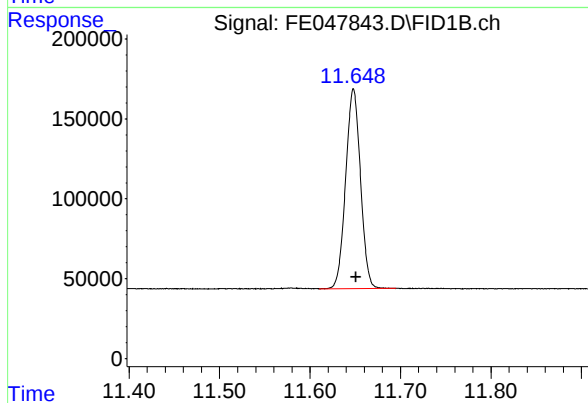
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.001 min
Response: 1349844
Conc: 10.19 ug/ml



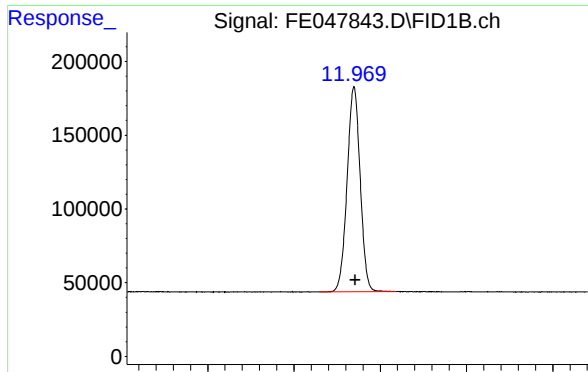
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.001 min
Response: 1404278
Conc: 10.21 ug/ml



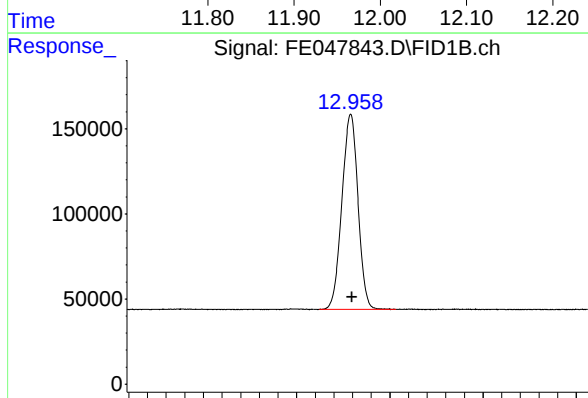
#8 n-Octadecane (C18)

R.T.: 11.648 min
Delta R.T.: -0.002 min
Response: 1422306
Conc: 10.21 ug/ml



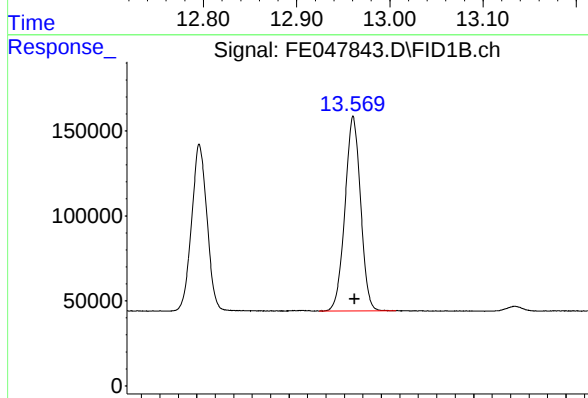
#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.001 min
Response: 1464102
Conc: 10.15 ug/ml



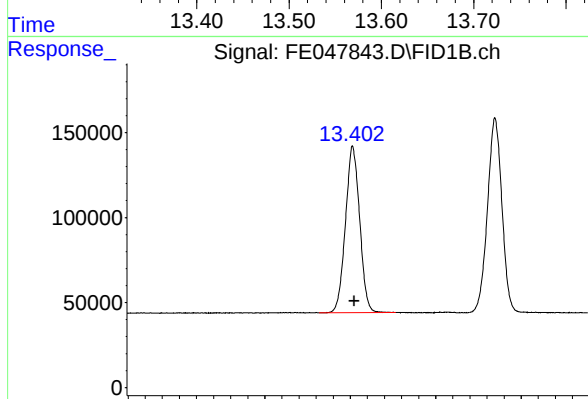
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.001 min
Response: 1373931
Conc: 10.20 ug/ml



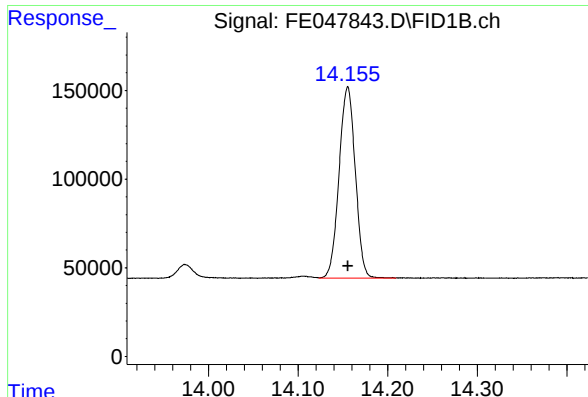
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.002 min
Response: 1348314
Conc: 10.19 ug/ml



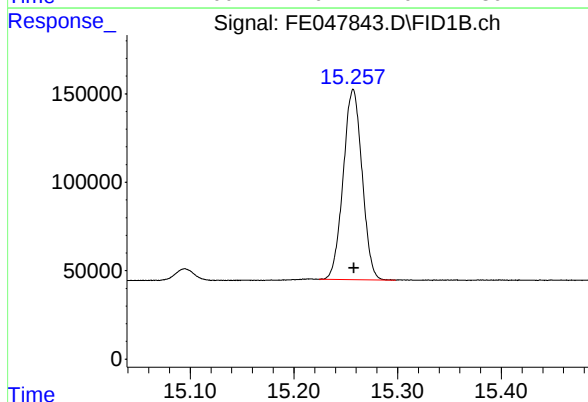
#12 1-chlorooctadecane (SURR)

R.T.: 13.403 min
Delta R.T.: -0.002 min
Response: 1131839
Conc: 10.13 ug/ml



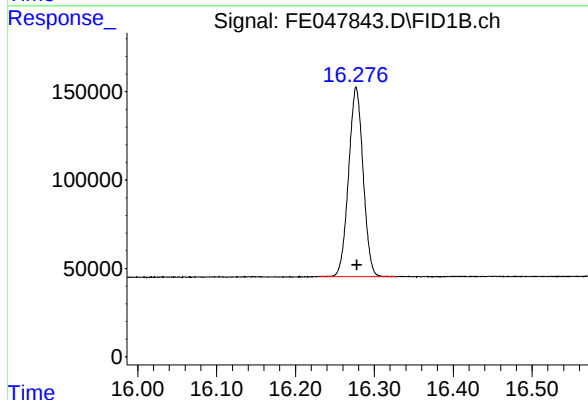
#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: 0.000 min
Response: 1355020
Conc: 10.23 ug/ml



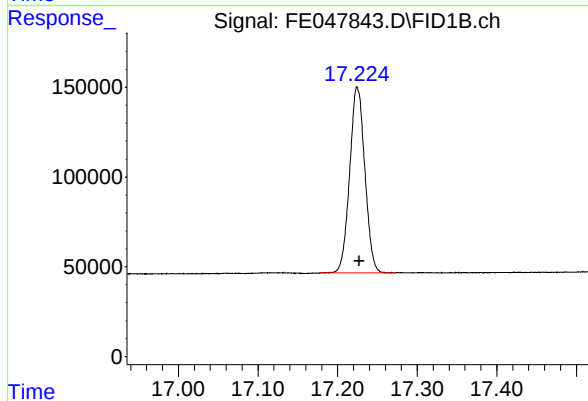
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: 0.000 min
Response: 1359688
Conc: 10.21 ug/ml



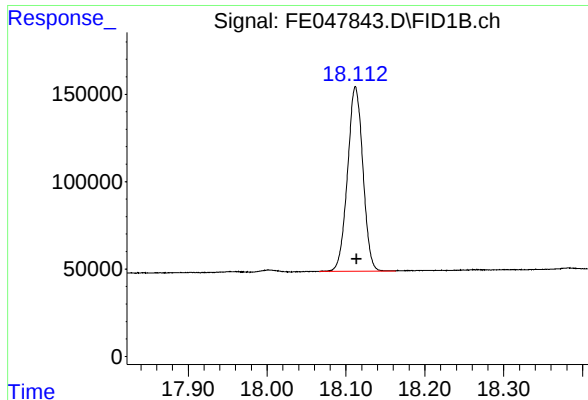
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: 0.000 min
Response: 1372091
Conc: 10.28 ug/ml



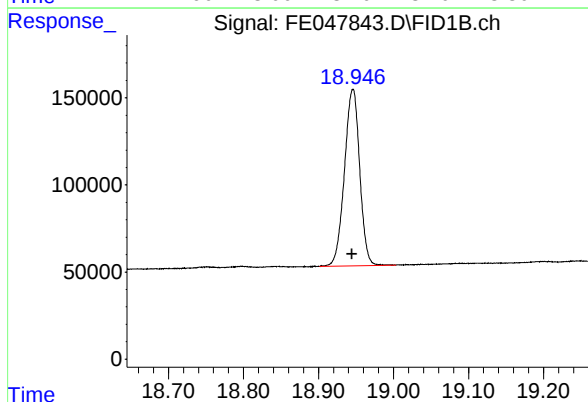
#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.003 min
Response: 1373302
Conc: 10.31 ug/ml



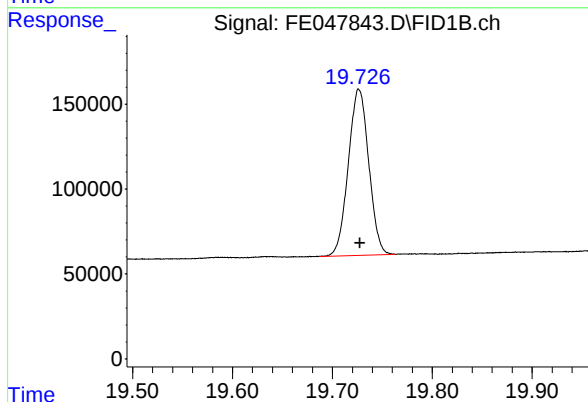
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.001 min
Response: 1429115
Conc: 10.35 ug/ml



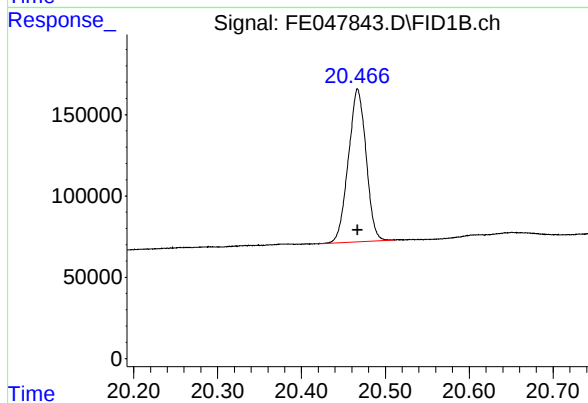
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: 0.001 min
Response: 1432417
Conc: 10.37 ug/ml



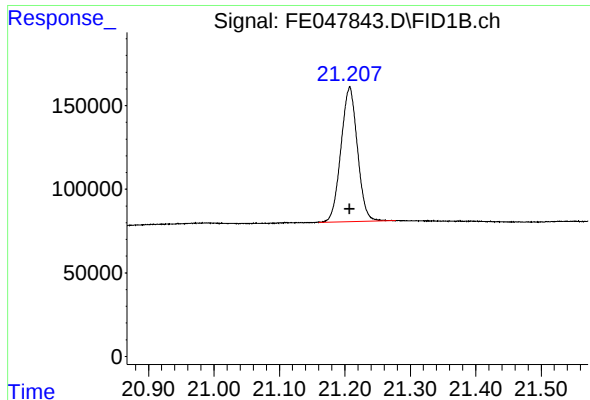
#19 n-Tetatriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.001 min
Response: 1393853
Conc: 10.23 ug/ml



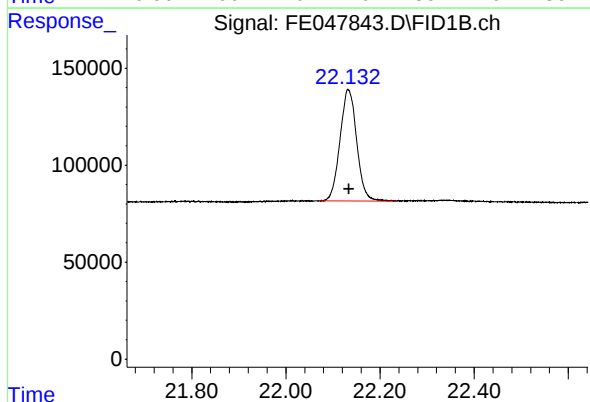
#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.000 min
Response: 1376896
Conc: 10.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.000 min
Response: 1405086
Conc: 10.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.002 min
Response: 1415810
Conc: 10.16 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047843.D
Signal(s) : FID1B.ch
Acq On : 27 Apr 2024 01:17
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.353	3.326	3.395	BB	134040	1326289	90.59%	4.394%
2	4.605	4.565	4.647	BB	136936	1349591	92.18%	4.471%
3	6.313	6.274	6.377	BB	143134	1404921	95.96%	4.654%
4	6.770	6.728	6.806	BB	137547	1358786	92.81%	4.501%
5	7.407	7.363	7.472	BB	133727	1337758	91.37%	4.432%
6	8.598	8.556	8.646	BB	128793	1349844	92.20%	4.472%
7	10.206	10.167	10.259	BB	124865	1404278	95.91%	4.652%
8	11.648	11.610	11.695	BB	125058	1422306	97.15%	4.712%
9	11.970	11.929	12.018	BB	139188	1464102	100.00%	4.850%
10	12.958	12.924	13.007	BB	114757	1373931	93.84%	4.552%
11	13.403	13.363	13.453	BB	98078	1131839	77.31%	3.750%
12	13.569	13.532	13.616	BB	114665	1348314	92.09%	4.467%
13	14.156	14.123	14.209	VB	107987	1355020	92.55%	4.489%
14	15.257	15.224	15.298	BB	107704	1359688	92.87%	4.504%
15	16.277	16.230	16.327	BB	107348	1372091	93.72%	4.546%
16	17.225	17.177	17.273	BB	103458	1373302	93.80%	4.550%
17	18.112	18.066	18.163	BB	105677	1429115	97.61%	4.734%
18	18.946	18.901	19.003	BB	101307	1432417	97.84%	4.745%
19	19.727	19.687	19.764	BB	97803	1393853	95.20%	4.618%
20	20.467	20.421	20.512	BB	94163	1376896	94.04%	4.561%
21	21.208	21.160	21.278	BBA	80581	1405086	95.97%	4.655%
22	22.132	22.070	22.234	BB	57586	1415810	96.70%	4.690%
Sum of corrected areas:						30185235		

Aliphatic EPH 042724.M Mon Apr 29 03:47:25 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
 Data File : FE047844.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2024 01:48
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 03:23:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:22:51 2024
 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)	11.969	777744	5.329 ug/ml
Spiked Amount 50.000		Recovery =	10.66%
12) S 1-chlorooctadecane (S...	13.402	601151	5.314 ug/mlm
Spiked Amount 50.000		Recovery =	10.63%
Target Compounds			
1) T n-Nonane (C9)	3.352	670851	5.193 ug/ml
2) T n-Decane (C10)	4.605	692430	5.236 ug/ml
3) T A~Naphthalene (C11.7)	6.313	706924	5.106 ug/ml
4) T n-Dodecane (C12)	6.771	707808	5.276 ug/ml
5) T A~2-methylnaphthalene...	7.408	683498	5.111 ug/ml
6) T n-Tetradecane (C14)	8.598	708127	5.303 ug/ml
7) T n-Hexadecane (C16)	10.205	739265	5.327 ug/ml
8) T n-Octadecane (C18)	11.648	751454	5.341 ug/ml
10) T n-Eicosane (C20)	12.957	731832	5.374 ug/ml
11) T n-Heneicosane (C21)	13.569	717488	5.359 ug/ml
13) T n-Docosane (C22)	14.156	726198	5.415 ug/ml
14) T n-Tetracosane (C24)	15.256	741565	5.492 ug/ml
15) T n-Hexacosane (C26)	16.277	758877	5.601 ug/ml
16) T n-Octacosane (C28)	17.226	770745	5.691 ug/ml
17) T n-Tricontane (C30)	18.112	820980	5.829 ug/ml
18) T n-Dotriacontane (C32)	18.944	822577	5.832 ug/ml
19) T n-Tetratriacontane (C34)	19.726	787523	5.669 ug/ml
20) T n-Hexatriacontane (C36)	20.466	759337	5.511 ug/ml
21) T n-Octatriacontane (C38)	21.208	760175	5.425 ug/ml
22) T n-Tetracontane (C40)	22.132	761340	5.394 ug/ml

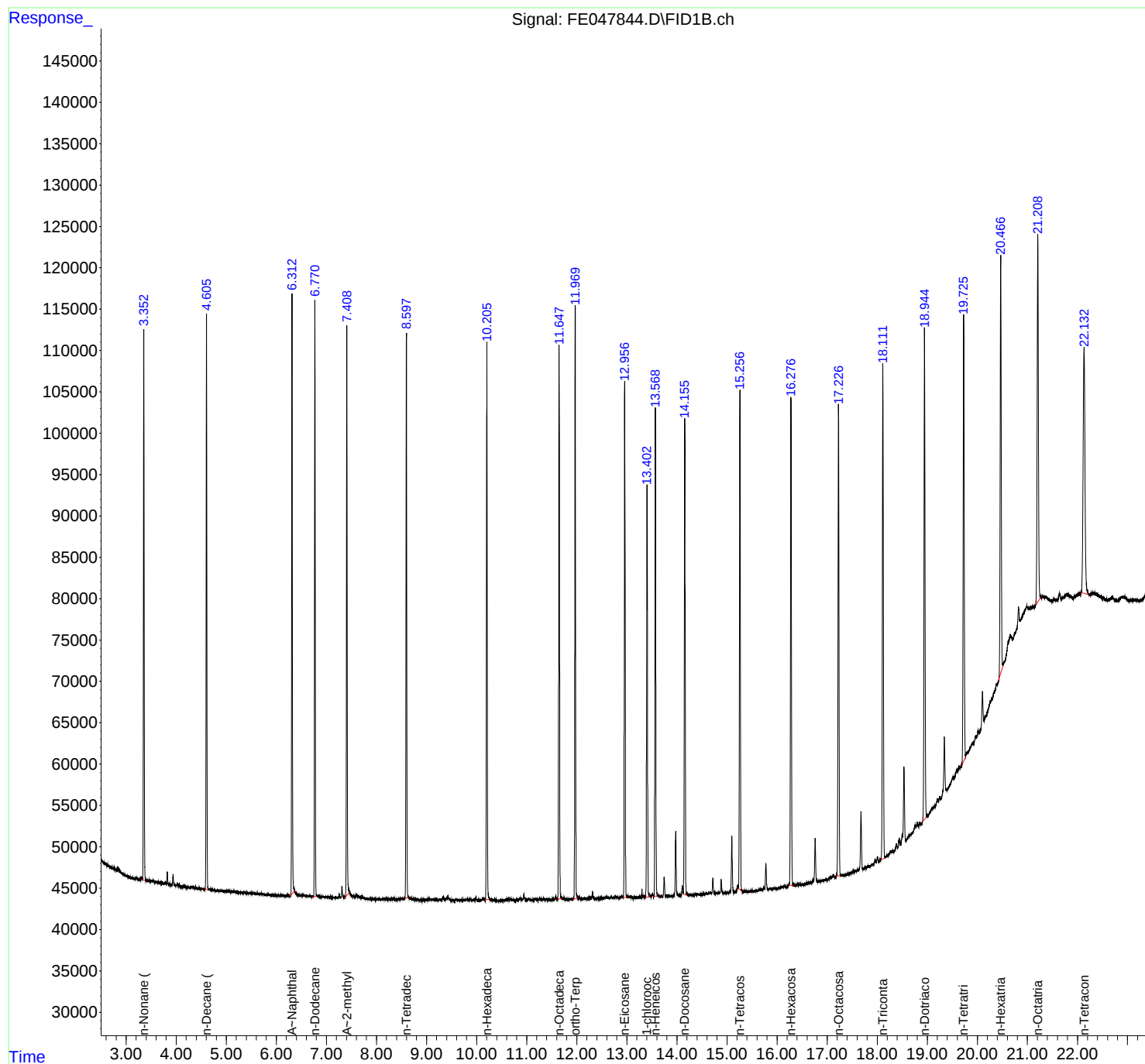
(f)=RT Delta > 1/2 Window

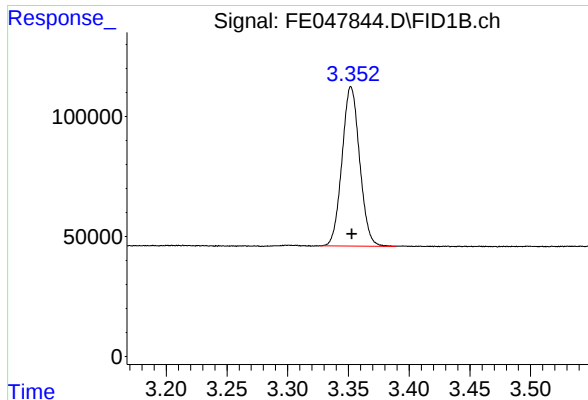
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047844.D
Signal(s) : FID1B.ch
Acq On : 27 Apr 2024 01:48
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Apr 29 03:23:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:22:51 2024
Response via : Initial Calibration
Integrator: ChemStation

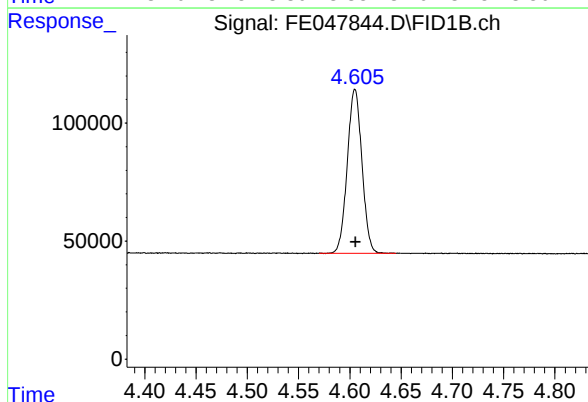
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





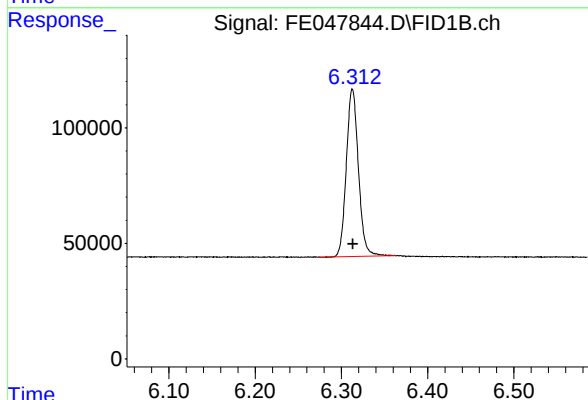
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 670851
Conc: 5.19 ug/ml



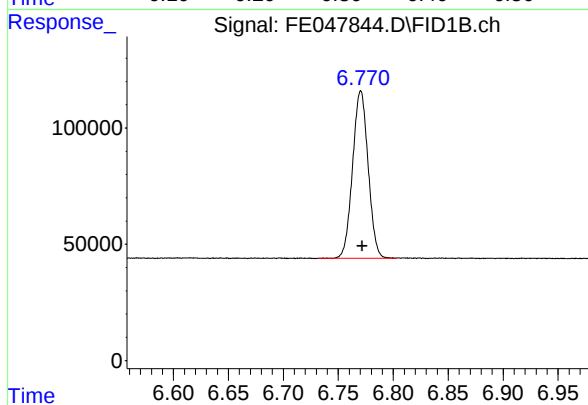
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 692430
Conc: 5.24 ug/ml



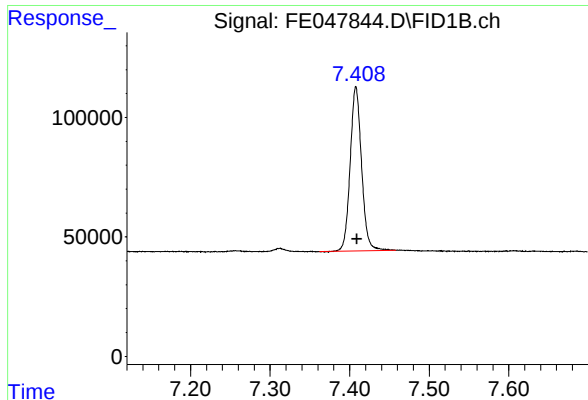
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 706924
Conc: 5.11 ug/ml



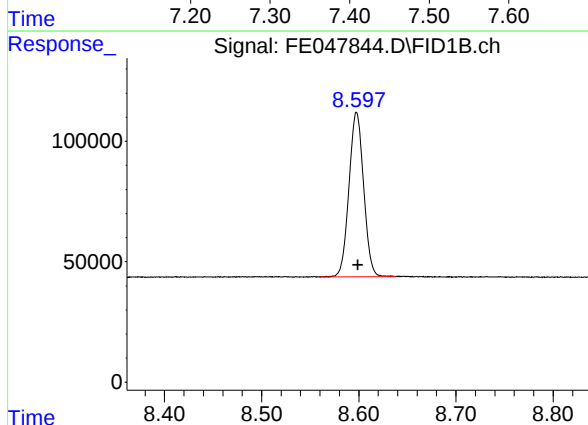
#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.001 min
Response: 707808
Conc: 5.28 ug/ml



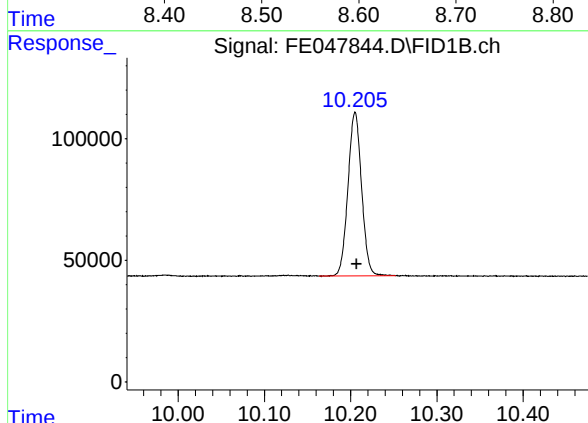
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: -0.001 min
Response: 683498
Conc: 5.11 ug/ml



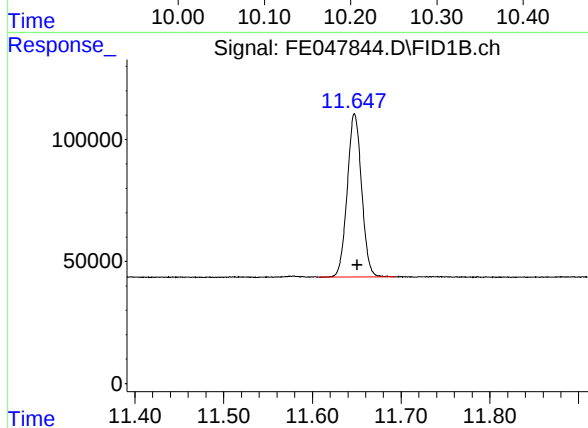
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.002 min
Response: 708127
Conc: 5.30 ug/ml



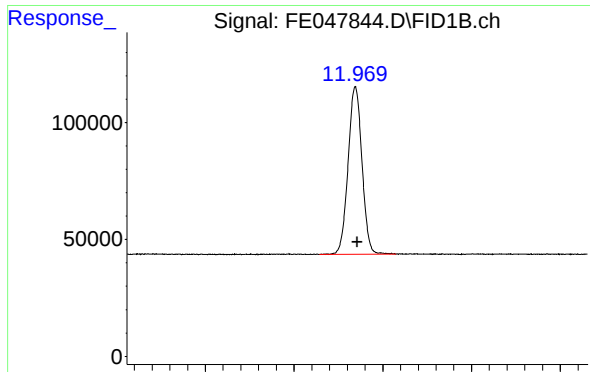
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.002 min
Response: 739265
Conc: 5.33 ug/ml



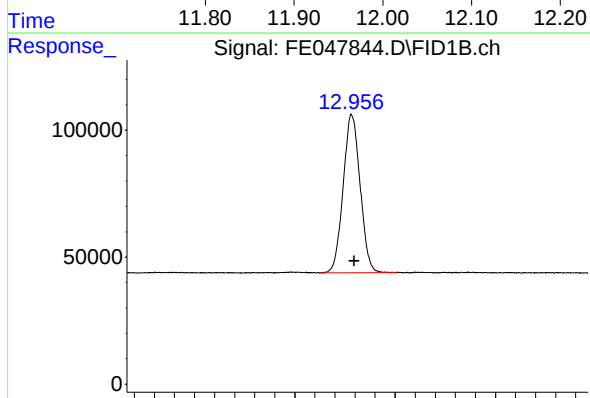
#8 n-Octadecane (C18)

R.T.: 11.648 min
Delta R.T.: -0.003 min
Response: 751454
Conc: 5.34 ug/ml



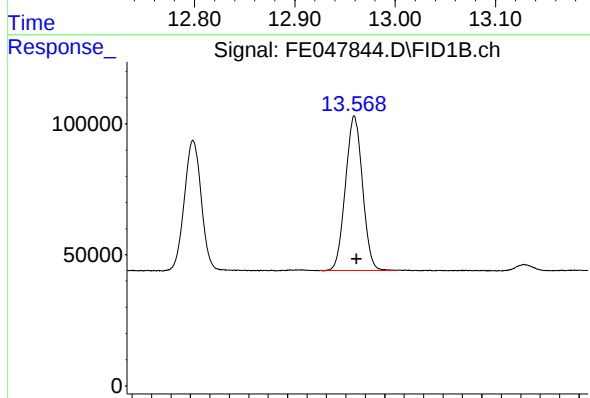
#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.002 min
Response: 777744
Conc: 5.33 ug/ml



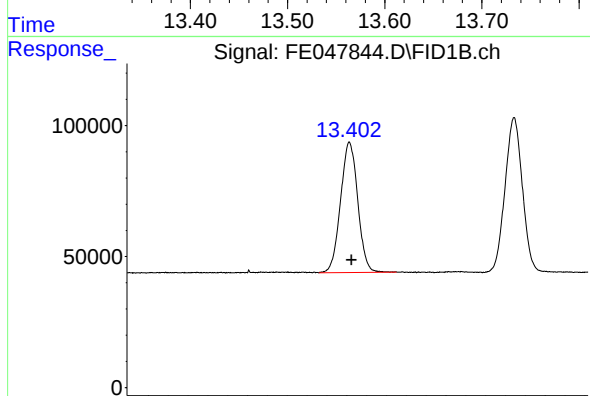
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.003 min
Response: 731832
Conc: 5.37 ug/ml



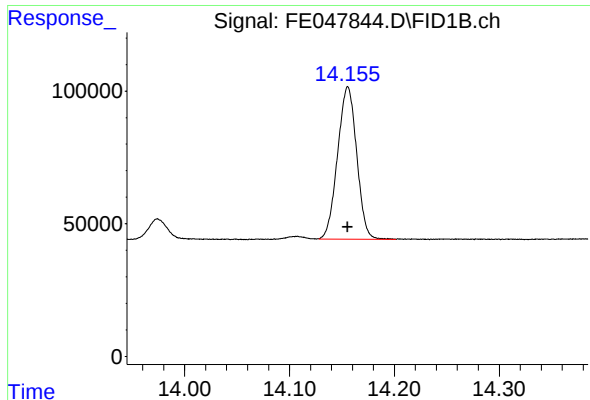
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.002 min
Response: 717488
Conc: 5.36 ug/ml



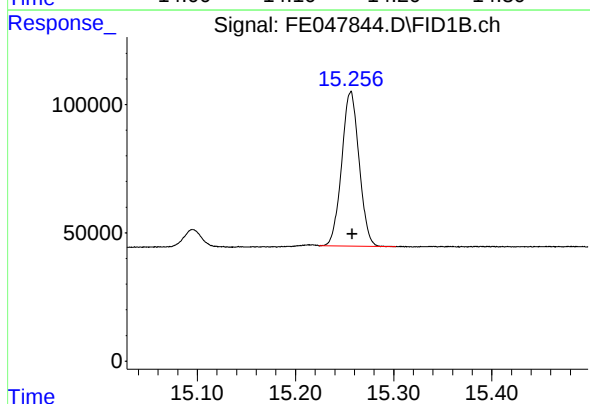
#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: -0.003 min
Response: 601151
Conc: 5.31 ug/ml m



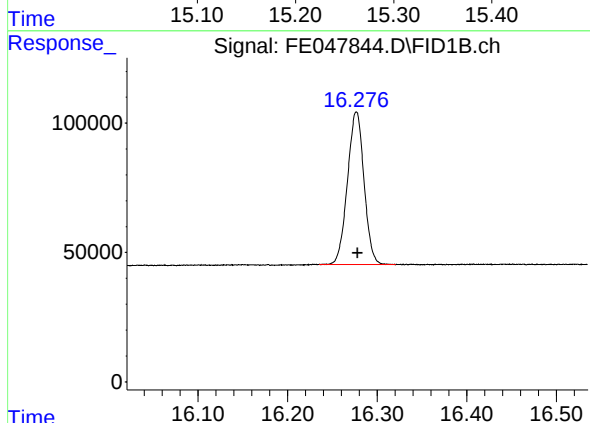
#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: 0.000 min
Response: 726198
Conc: 5.41 ug/ml



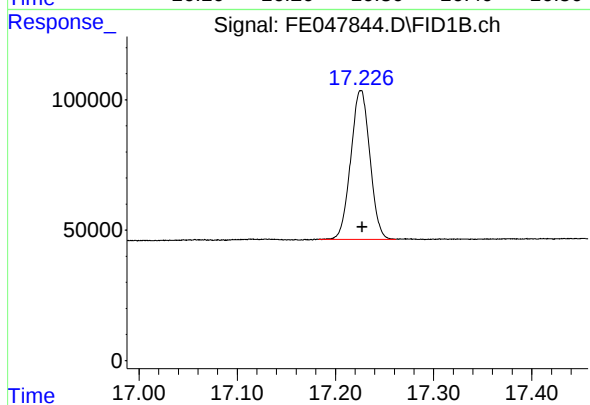
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.002 min
Response: 741565
Conc: 5.49 ug/ml



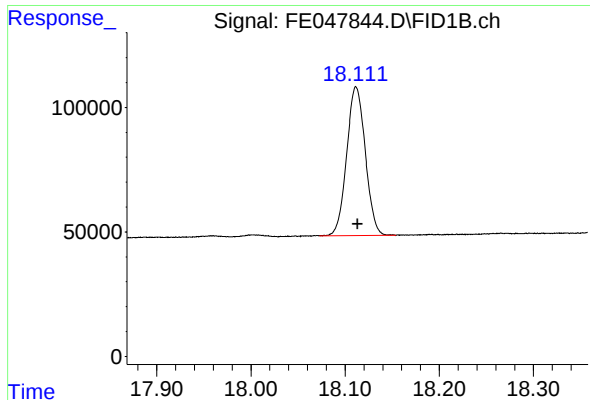
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.001 min
Response: 758877
Conc: 5.60 ug/ml



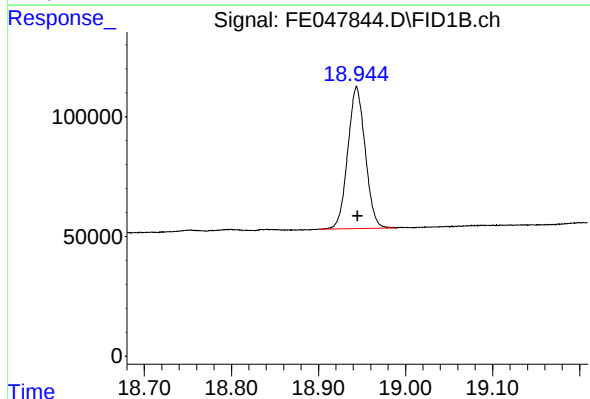
#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.001 min
Response: 770745
Conc: 5.69 ug/ml



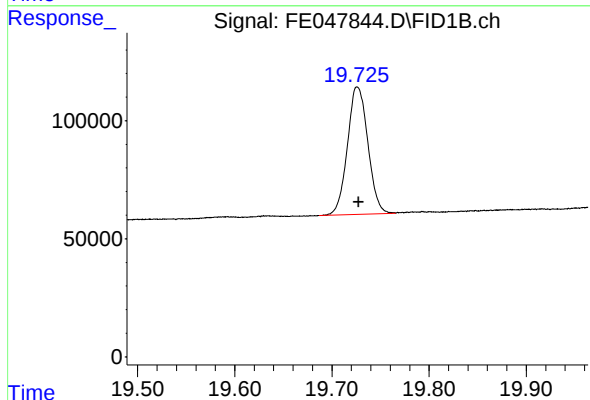
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.002 min
Response: 820980
Conc: 5.83 ug/ml



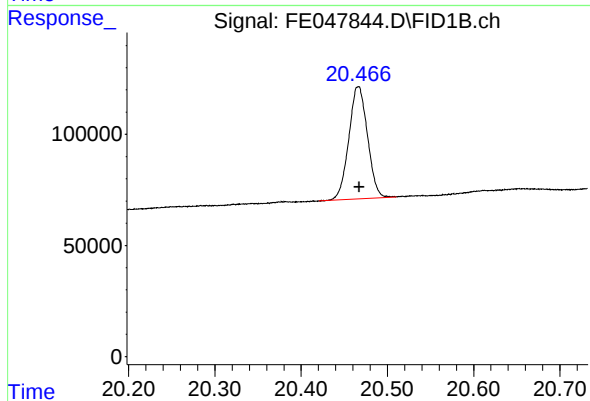
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.001 min
Response: 822577
Conc: 5.83 ug/ml



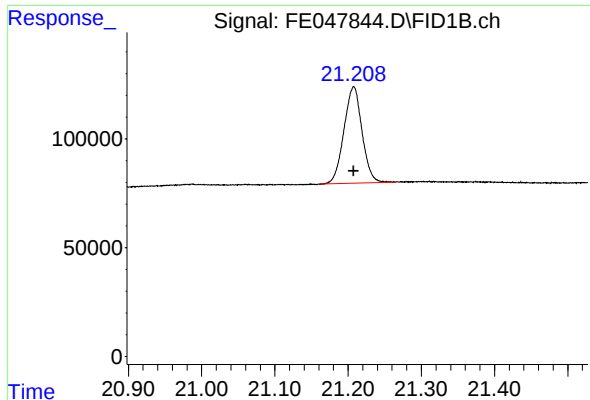
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.002 min
Response: 787523
Conc: 5.67 ug/ml



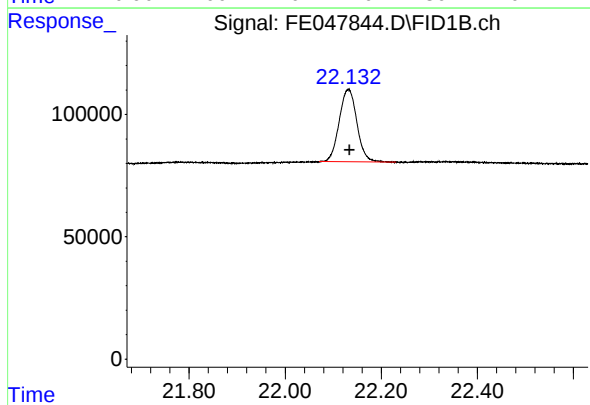
#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: -0.001 min
Response: 759337
Conc: 5.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.000 min
Response: 760175
Conc: 5.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.003 min
Response: 761340
Conc: 5.39 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047844.D
Signal(s) : FID1B.ch
Acq On : 27 Apr 2024 01:48
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.352	3.326	3.389	BB	66479	670851	81.55%	4.142%
2	4.605	4.570	4.645	BB	69564	692430	84.18%	4.276%
3	6.313	6.274	6.363	BB	72545	706924	85.94%	4.365%
4	6.771	6.732	6.802	BB	72007	707808	86.05%	4.371%
5	7.408	7.362	7.458	BB	68766	683498	83.09%	4.221%
6	8.598	8.559	8.638	BB	68318	708127	86.09%	4.373%
7	10.205	10.163	10.252	BB	67422	739265	89.87%	4.565%
8	11.648	11.607	11.694	BB	66762	751454	91.35%	4.640%
9	11.969	11.928	12.015	BB	71681	777744	94.55%	4.803%
10	12.957	12.924	13.001	BB	62351	731832	88.97%	4.519%
11	13.403	13.363	13.452	BB	49700	597683	72.66%	3.691%
12	13.569	13.532	13.612	BB	59108	717488	87.22%	4.430%
13	14.156	14.128	14.202	BB	57520	726198	88.28%	4.484%
14	15.256	15.224	15.302	BB	60495	741565	90.15%	4.579%
15	16.277	16.235	16.321	BB	59005	758877	92.26%	4.686%
16	17.226	17.183	17.262	BB	56966	770745	93.70%	4.759%
17	18.112	18.072	18.154	BB	59792	820980	99.81%	5.070%
18	18.944	18.901	18.989	BB	59429	822577	100.00%	5.079%
19	19.726	19.687	19.766	BB	53915	787523	95.74%	4.863%
20	20.466	20.421	20.510	BB	50366	759337	92.31%	4.689%
21	21.208	21.160	21.265	BB	44409	760175	92.41%	4.694%
22	22.132	22.070	22.230	BB	29655	761340	92.56%	4.701%
Sum of corrected areas:							16194422	

Aliphatic EPH 042724.M Mon Apr 29 03:47:57 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
 Data File : FE047845.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2024 02:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 03:32:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.971	2843412	19.710 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
12) S 1-chlorooctadecane (S...	13.404	2204977	19.733 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.353	2567585	19.922 ug/ml
2) T n-Decane (C10)	4.605	2612606	19.844 ug/ml
3) T A~Naphthalene (C11.7)	6.313	2758360	19.976 ug/ml
4) T n-Dodecane (C12)	6.771	2629140	19.722 ug/ml
5) T A~2-methylnaphthalene...	7.408	2651171	19.922 ug/ml
6) T n-Tetradecane (C14)	8.599	2595972	19.589 ug/ml
7) T n-Hexadecane (C16)	10.206	2703778	19.659 ug/ml
8) T n-Octadecane (C18)	11.649	2741660	19.682 ug/ml
10) T n-Eicosane (C20)	12.958	2643194	19.631 ug/ml
11) T n-Heneicosane (C21)	13.570	2605287	19.681 ug/ml
13) T n-Docosane (C22)	14.156	2598231	19.606 ug/ml
14) T n-Tetracosane (C24)	15.258	2591780	19.465 ug/ml
15) T n-Hexacosane (C26)	16.278	2574839	19.295 ug/ml
16) T n-Octacosane (C28)	17.226	2557748	19.210 ug/ml
17) T n-Tricontane (C30)	18.113	2657283	19.254 ug/ml
18) T n-Dotriacontane (C32)	18.945	2670004	19.330 ug/ml
19) T n-Tetratriacontane (C34)	19.728	2658677	19.517 ug/ml
20) T n-Hexatriacontane (C36)	20.466	2642773	19.518 ug/ml
21) T n-Octatriacontane (C38)	21.207	2697822	19.540 ug/ml
22) T n-Tetracontane (C40)	22.133	2715364	19.490 ug/mlm

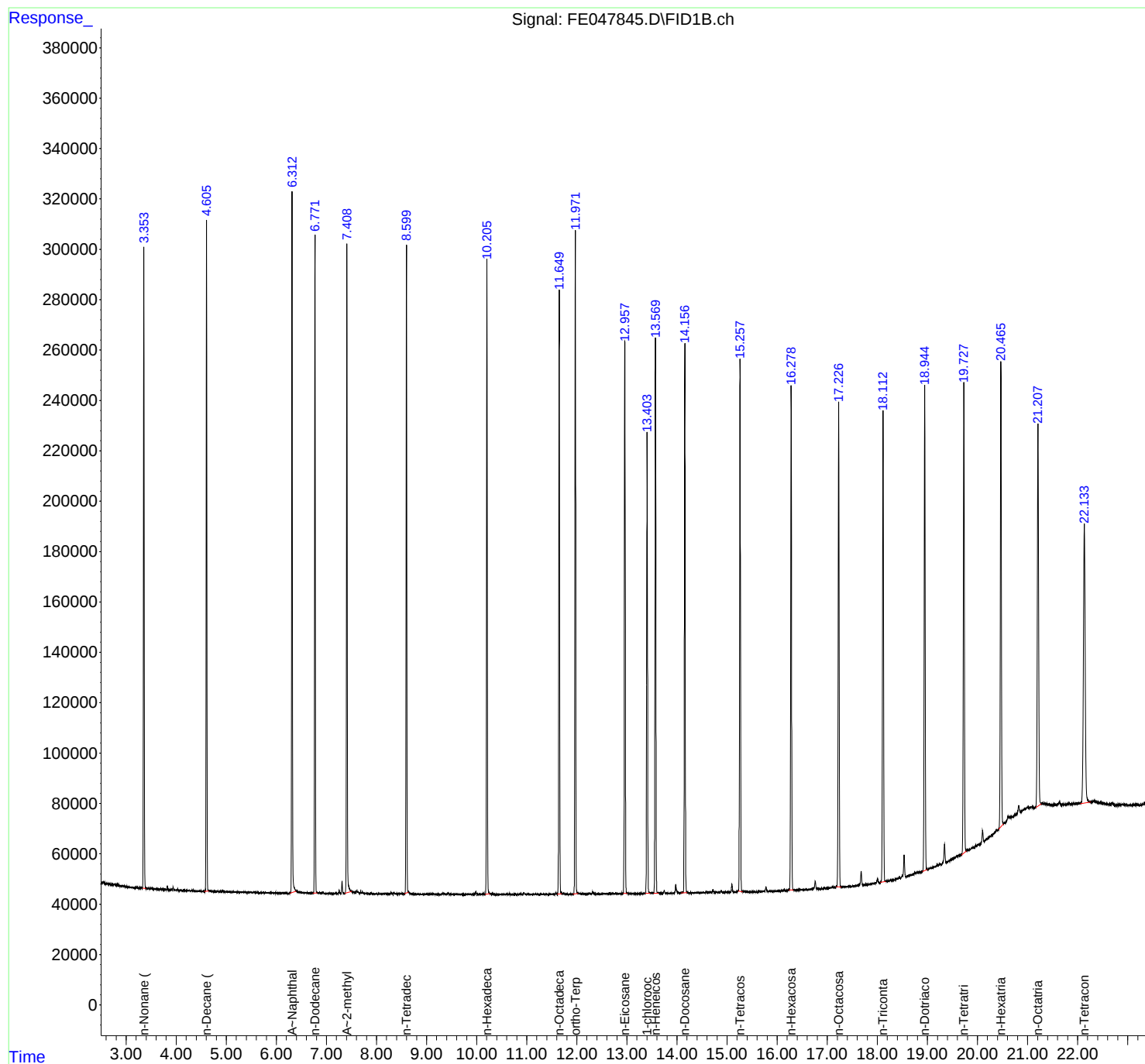
(f)=RT Delta > 1/2 Window

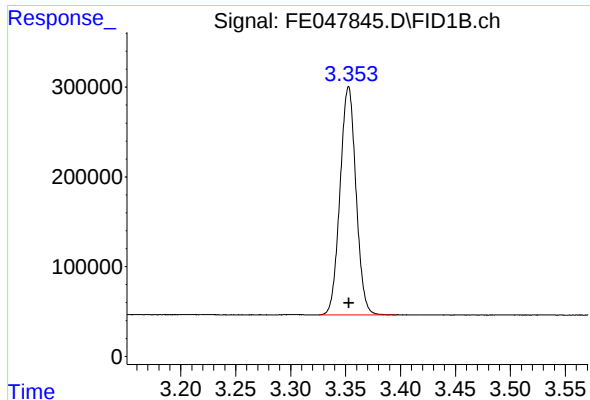
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047845.D
Signal(s) : FID1B.ch
Acq On : 27 Apr 2024 02:19
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Apr 29 03:32:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:29:12 2024
Response via : Initial Calibration
Integrator: ChemStation

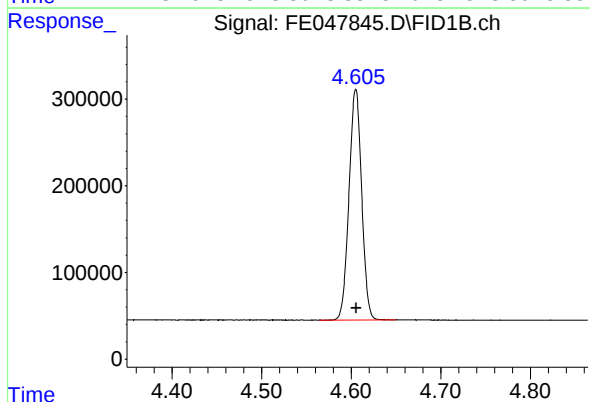
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





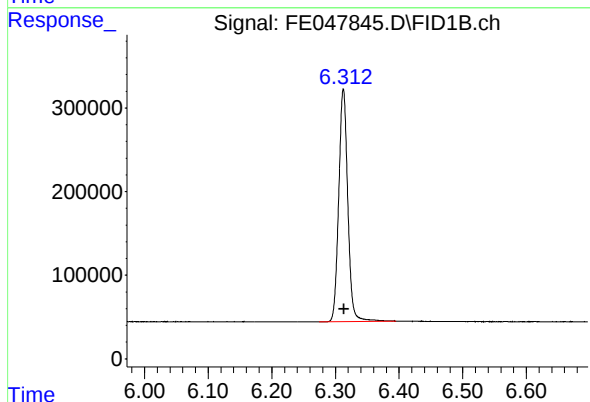
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 2567585
Conc: 19.92 ug/ml



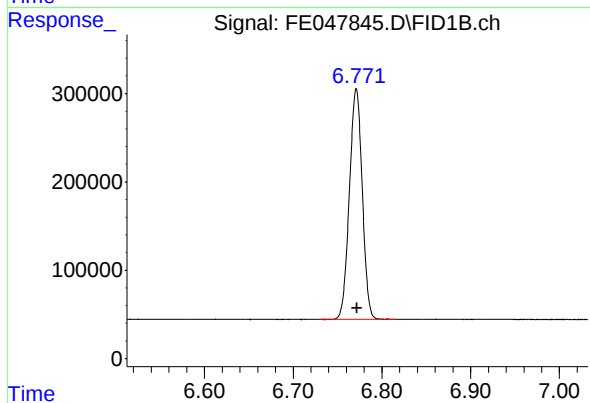
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 2612606
Conc: 19.84 ug/ml



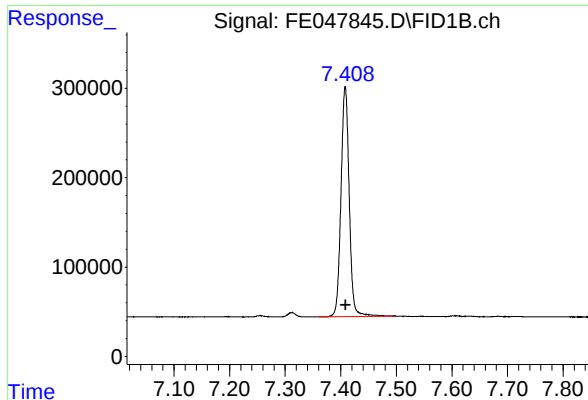
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 2758360
Conc: 19.98 ug/ml



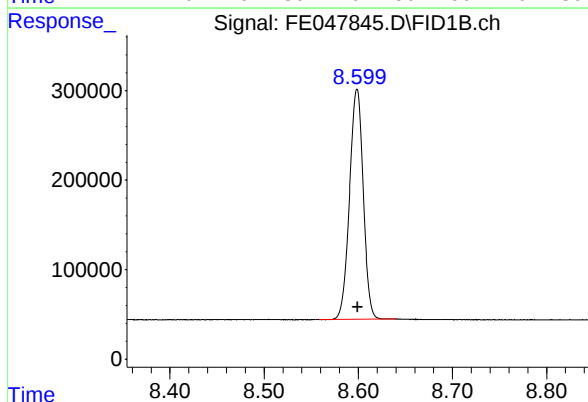
#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 2629140
Conc: 19.72 ug/ml



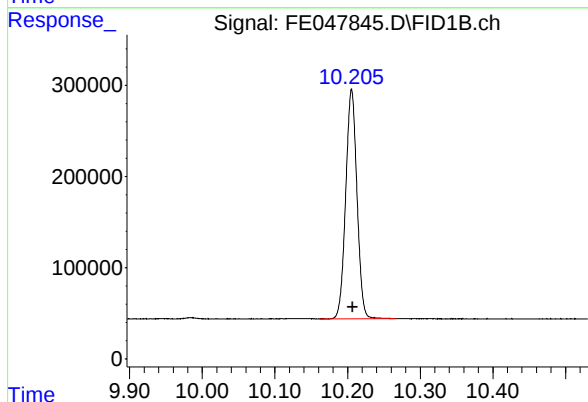
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: 0.000 min
Response: 2651171
Conc: 19.92 ug/ml



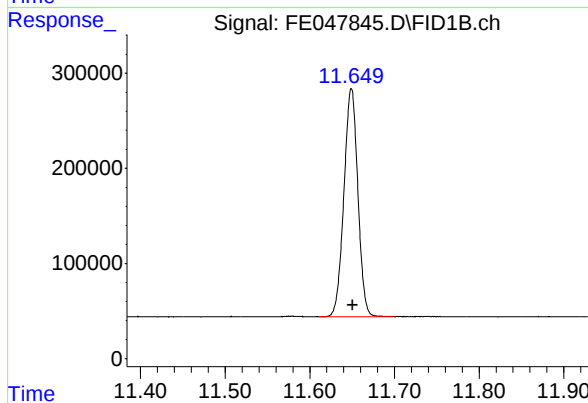
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 2595972
Conc: 19.59 ug/ml



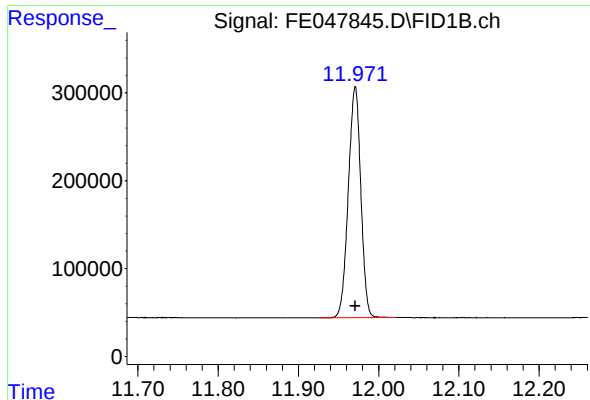
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.001 min
Response: 2703778
Conc: 19.66 ug/ml



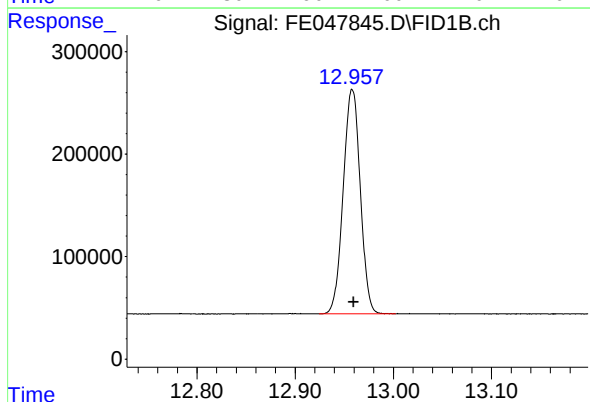
#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: -0.001 min
Response: 2741660
Conc: 19.68 ug/ml



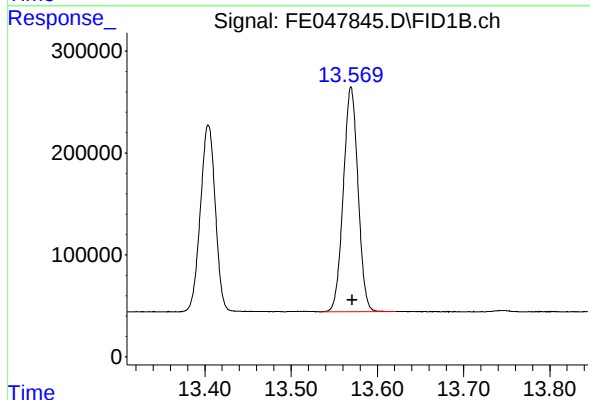
#9 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: 0.000 min
Response: 2843412
Conc: 19.71 ug/ml



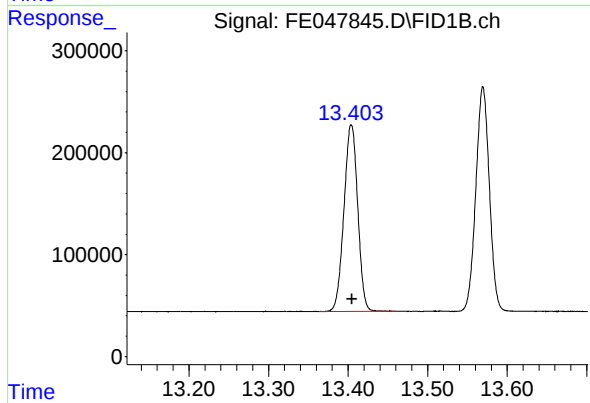
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.001 min
Response: 2643194
Conc: 19.63 ug/ml



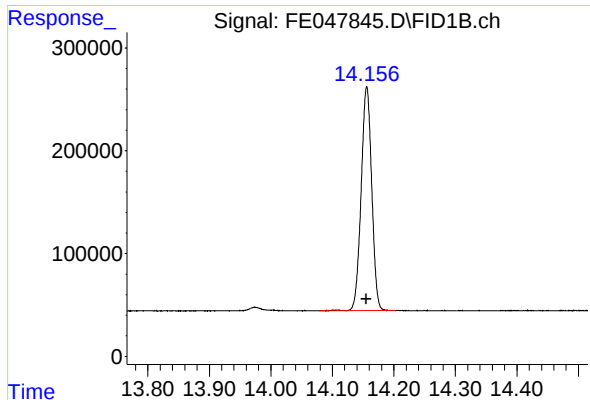
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: -0.002 min
Response: 2605287
Conc: 19.68 ug/ml



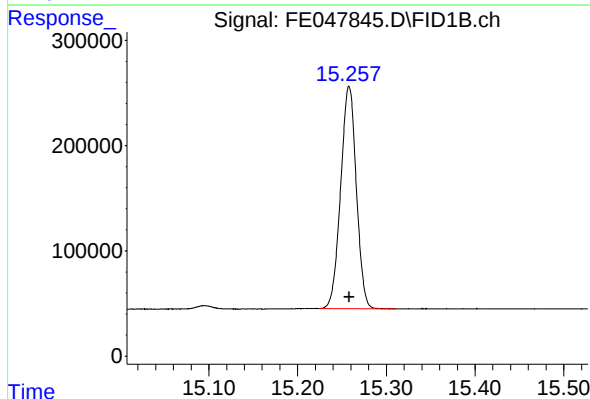
#12 1-chlorooctadecane (SURR)

R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 2204977
Conc: 19.73 ug/ml



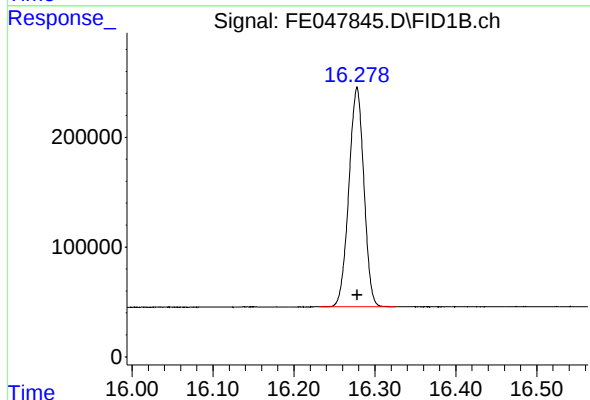
#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: 0.000 min
Response: 2598231
Conc: 19.61 ug/ml



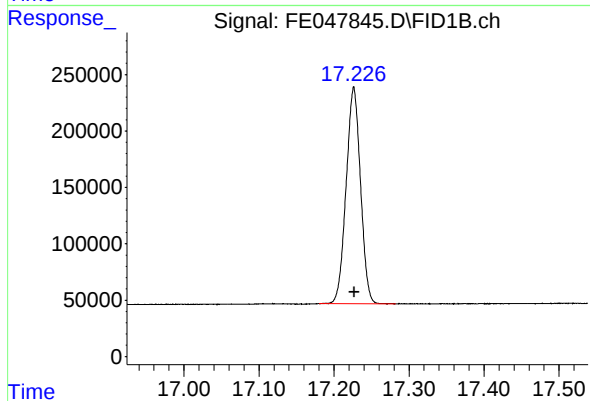
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: 0.000 min
Response: 2591780
Conc: 19.46 ug/ml



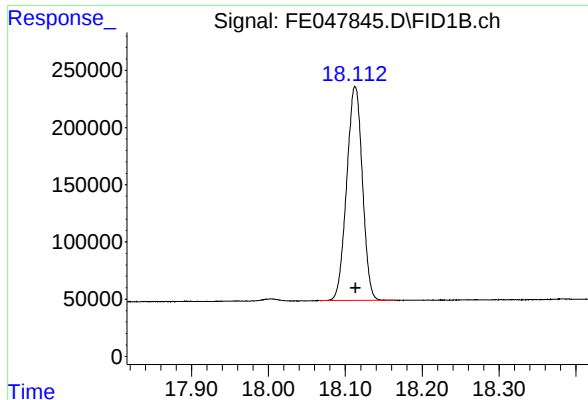
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 2574839
Conc: 19.30 ug/ml



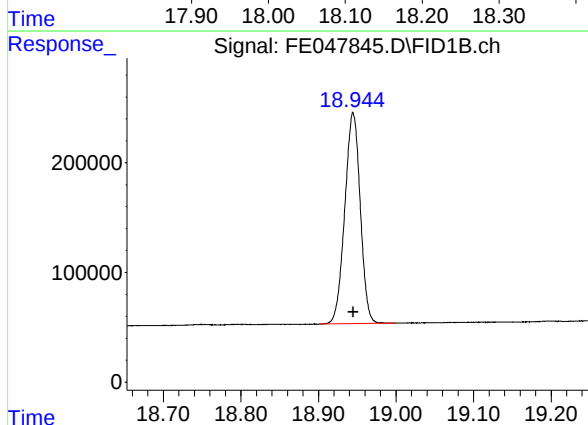
#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: 0.000 min
Response: 2557748
Conc: 19.21 ug/ml



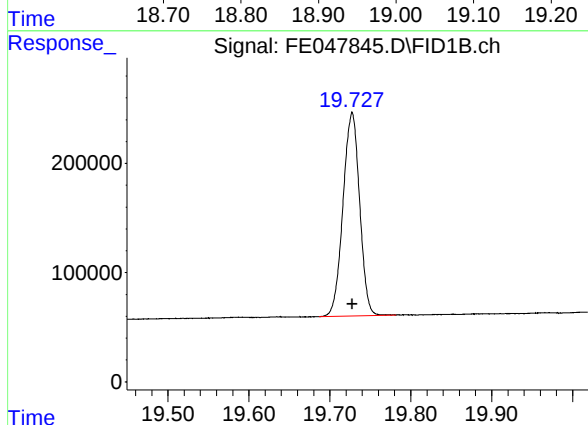
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 2657283
Conc: 19.25 ug/ml



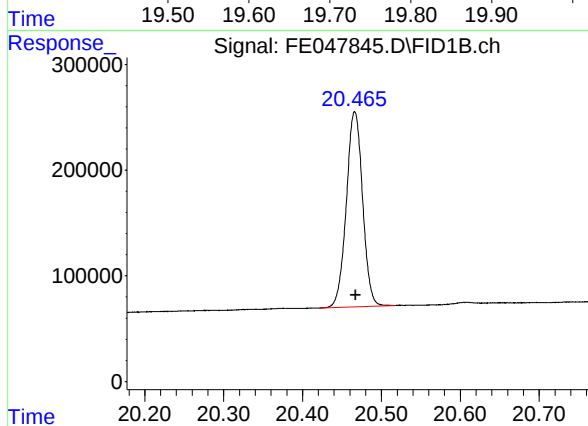
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.000 min
Response: 2670004
Conc: 19.33 ug/ml



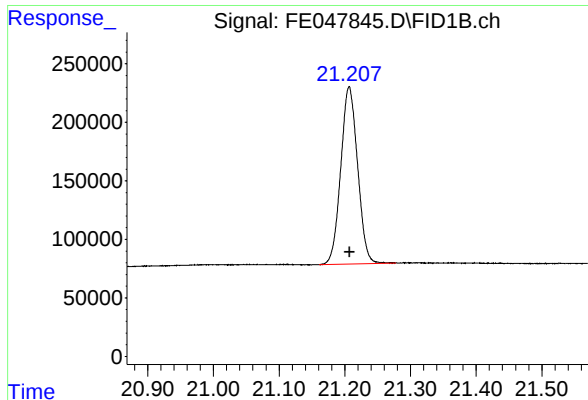
#19 n-Tetatriacontane (C34)

R.T.: 19.728 min
Delta R.T.: 0.000 min
Response: 2658677
Conc: 19.52 ug/ml



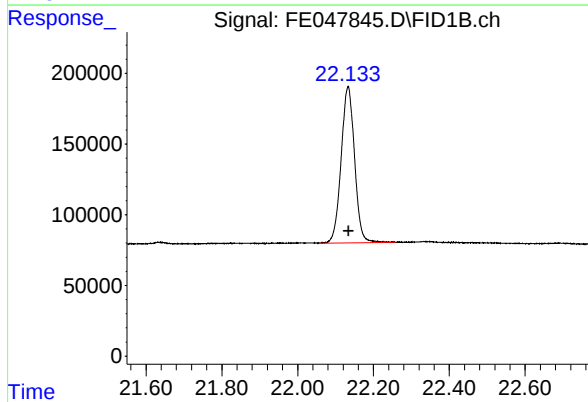
#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: -0.001 min
Response: 2642773
Conc: 19.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.000 min
Response: 2697822
Conc: 19.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.001 min
Response: 2715364
Conc: 19.49 ug/ml m

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
Data File : FE047845.D
Signal(s) : FID1B.ch
Acq On : 27 Apr 2024 02:19
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.353	3.326	3.396	BB	254315	2567585	90.30%	4.435%
2	4.605	4.564	4.650	BB	266371	2612606	91.88%	4.512%
3	6.313	6.274	6.395	BB	278365	2758360	97.01%	4.764%
4	6.771	6.729	6.816	BB	261251	2629140	92.46%	4.541%
5	7.408	7.361	7.499	BB	257772	2651171	93.24%	4.579%
6	8.599	8.558	8.640	BB	257435	2595972	91.30%	4.484%
7	10.206	10.161	10.267	BB	251759	2703778	95.09%	4.670%
8	11.649	11.611	11.702	BB	239751	2741660	96.42%	4.735%
9	11.971	11.926	12.022	BB	263151	2843412	100.00%	4.911%
10	12.958	12.924	13.002	BB	218401	2643194	92.96%	4.565%
11	13.404	13.363	13.460	BB	182885	2204977	77.55%	3.808%
12	13.570	13.532	13.622	BB	220581	2605287	91.63%	4.500%
13	14.156	14.078	14.203	BB	217949	2598231	91.38%	4.488%
14	15.258	15.224	15.311	BB	211049	2591780	91.15%	4.476%
15	16.278	16.231	16.326	BB	200402	2574839	90.55%	4.447%
16	17.226	17.180	17.282	BB	192687	2557748	89.95%	4.418%
17	18.113	18.066	18.166	BB	186884	2657283	93.45%	4.590%
18	18.945	18.901	19.000	BB	192213	2670004	93.90%	4.612%
19	19.728	19.687	19.782	BB	186701	2658677	93.50%	4.592%
20	20.466	20.421	20.518	BB	184550	2642773	92.94%	4.565%
21	21.207	21.161	21.278	BBA	151716	2697822	94.88%	4.660%
22	22.133	22.071	22.235	BB	110587	2691696	94.66%	4.649%
Sum of corrected areas:						57897993		

Aliphatic EPH 042724.M Mon Apr 29 03:48:26 2024