

Initial Calibration Report for SequenceID : FE011625AL

AreaCount

Parameter Range	FE051934.D	FE051935.D	FE051936.D	FE051937.D	FE051938.D	
Aliphatic C9-C12	30627080.000	15408455.000	6665565.000	3604602.000	1683022.000	
Aliphatic C12-C16	22646611.000	11441977.000	4926824.000	2649345.000	1227823.000	
Aliphatic C16-C21	36011167.000	18415978.000	7984609.000	4343073.000	2029243.000	
Aliphatic C21-C28	47328737.000	24605084.000	10662651.000	5869839.000	2778398.000	
Aliphatic C28-C40	55187504.000	29151766.000	12918443.000	7150131.000	3614611.000	
Aliphatic EPH	191801099.000	99023260.000	43158092.000	23616990.000	11333097.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	109652.183333	6.825				
Aliphatic C12-C16	121214.595	6.427				
Aliphatic C16-C21	131187.8386662	7.622				
Aliphatic C21-C28	132059.255	8.754				
Aliphatic C28-C40	107292.260333	11.901				
Aliphatic EPH	118718.8798886	8.761				

Concentration

Parameter Range	FE051934.D	FE051935.D	FE051936.D	FE051937.D	FE051938.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	FE051934.D	FE051935.D	FE051936.D	FE051937.D	FE051938.D	
Aliphatic C9-C12	102090.266666	102723.033333	111092.750000	120153.400000	112201.466666	
Aliphatic C12-C16	113233.055000	114419.770000	123170.600000	132467.250000	122782.300000	
Aliphatic C16-C21	120037.223333	122773.186666	133076.816666	144769.100000	135282.866666	

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Aliphatic C21-C28	118321.842500	123025.420000	133283.137500	146745.975000	138919.900000	
Aliphatic C28-C40	91979.173333	97172.553333	107653.691666	119168.850000	120487.033333	
Aliphatic EPH	106556.166111	110025.844444	119883.588888	131205.500000	125923.300000	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051934.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 13:41
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jan 16 15:06:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 15:04:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.194	13180280	95.158 ug/ml
Spiked Amount 50.000		Recovery =	190.32%
12) S 1-chlorooctadecane (S...	13.613	10485008	94.844 ug/ml
Spiked Amount 50.000		Recovery =	189.69%
Target Compounds			
1) T n-Nonane (C9)	3.619	9893971	95.696 ug/ml
2) T n-Decane (C10)	4.856	10177404	95.640 ug/ml
3) T A~Naphthalene (C11.7)	6.560	11338746	95.759 ug/ml
4) T n-Dodecane (C12)	7.001	10555705	95.986 ug/ml
5) T A~2-methylnaphthalene...	7.648	11253718	96.169 ug/ml
6) T n-Tetradecane (C14)	8.820	10927698	96.131 ug/ml
7) T n-Hexadecane (C16)	10.422	11718913	95.486 ug/ml
8) T n-Octadecane (C18)	11.862	12167309	95.010 ug/ml
10) T n-Eicosane (C20)	13.167	11964882	94.784 ug/ml
11) T n-Heneicosane (C21)	13.778	11878976	94.747 ug/ml
13) T n-Docosane (C22)	14.363	11918024	94.505 ug/ml
14) T n-Tetracosane (C24)	15.463	11985677	94.368 ug/ml
15) T n-Hexacosane (C26)	16.480	11846864	94.103 ug/ml
16) T n-Octacosane (C28)	17.428	11578172	93.223 ug/ml
17) T n-Tricontane (C30)	18.314	11583656	91.963 ug/ml
18) T n-Dotriacontane (C32)	19.143	10942864	91.194 ug/ml
19) T n-Tetratriacontane (C34)	19.924	9516388	91.638 ug/ml
20) T n-Hexatriacontane (C36)	20.661	8154109	92.259 ug/ml
21) T n-Octatriacontane (C38)	21.457	7619966	93.131 ug/ml
22) T n-Tetracontane (C40)	22.470	7370521	93.425 ug/ml

(f)=RT Delta > 1/2 Window

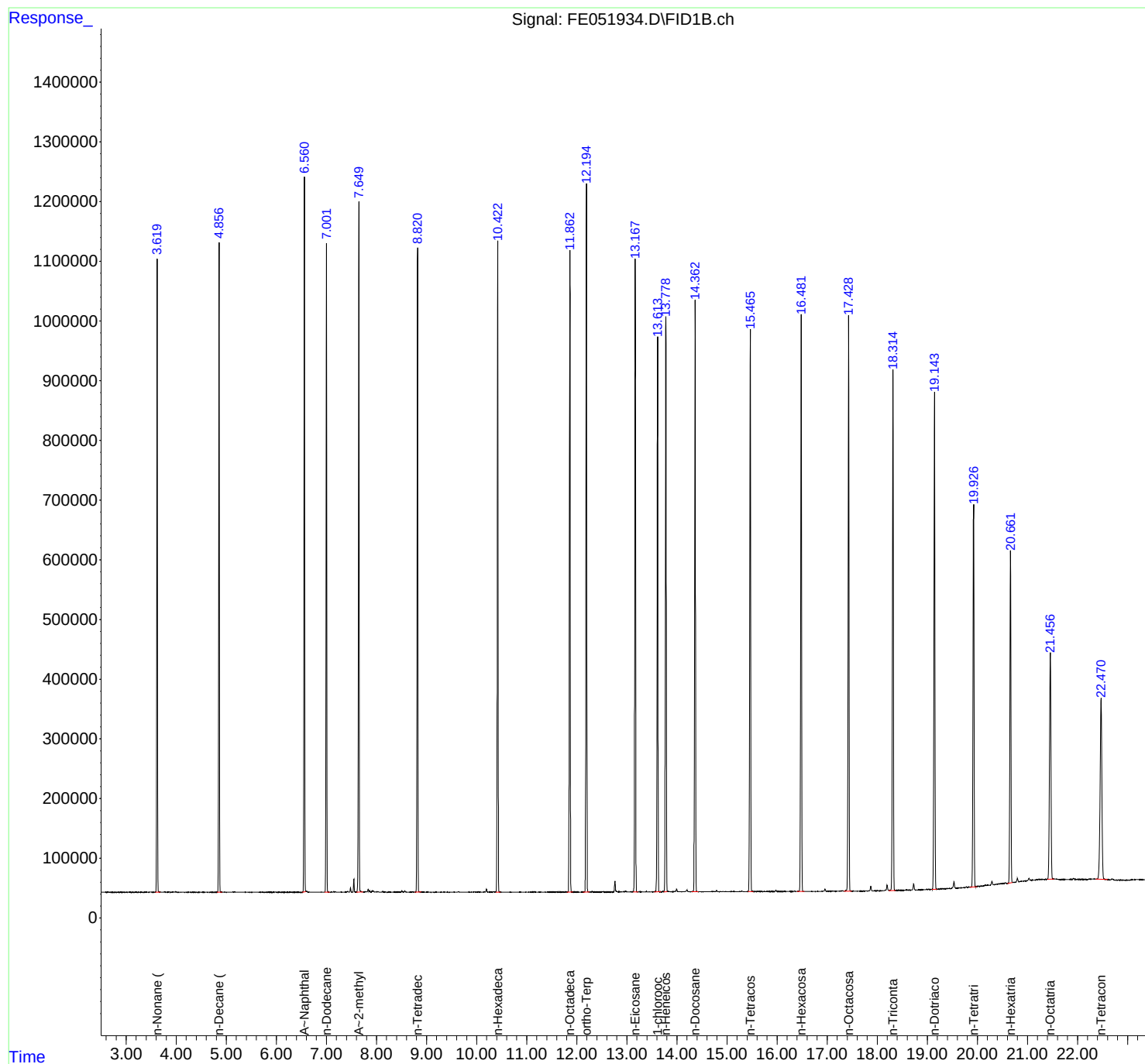
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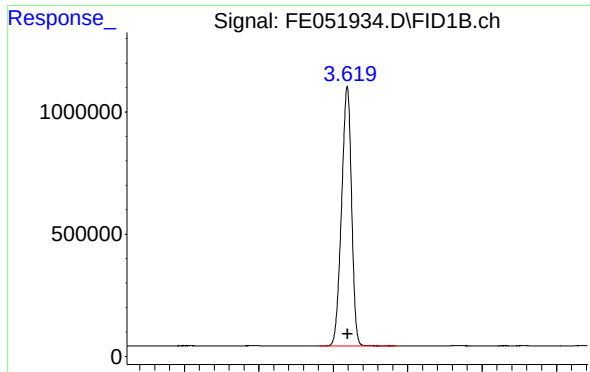
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
Data File : FE051934.D
Signal(s) : FID1B.ch
Acq On : 16 Jan 2025 13:41
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jan 16 15:06:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 15:04:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

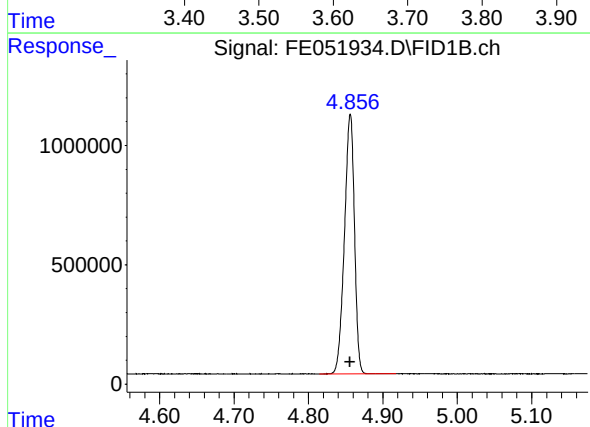




#1 n-Nonane (C9)

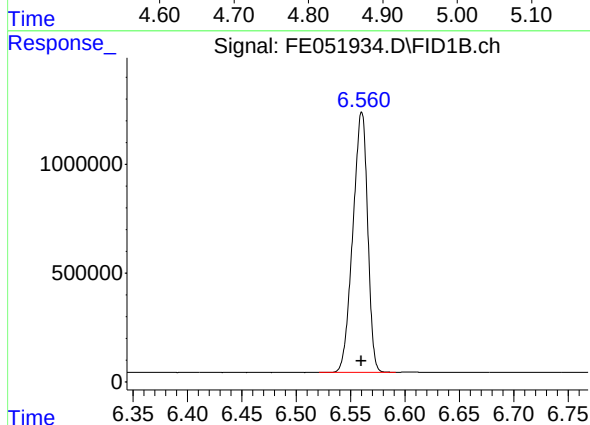
R.T.: 3.619 min
Delta R.T.: 0.000 min
Response: 9893971
Conc: 95.70 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



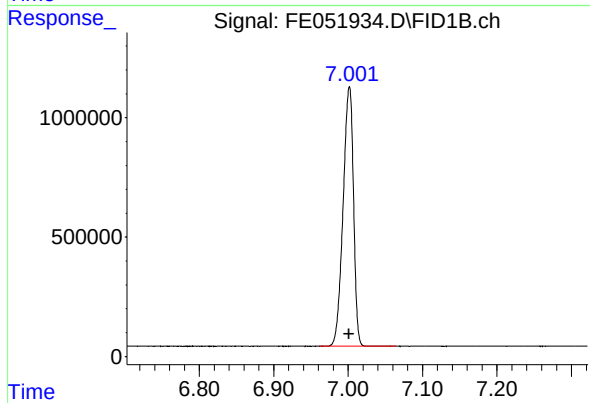
#2 n-Decane (C10)

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 10177404
Conc: 95.64 ug/ml



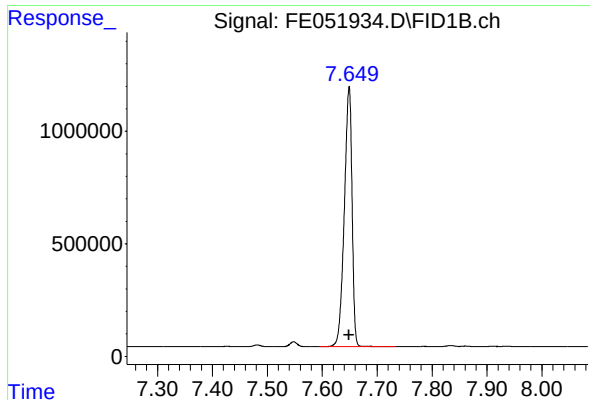
#3 A~Naphthalene (C11.7)

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 11338746
Conc: 95.76 ug/ml



#4 n-Dodecane (C12)

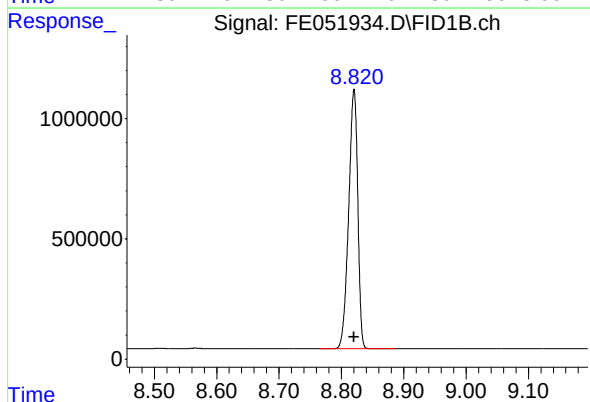
R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 10555705
Conc: 95.99 ug/ml



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

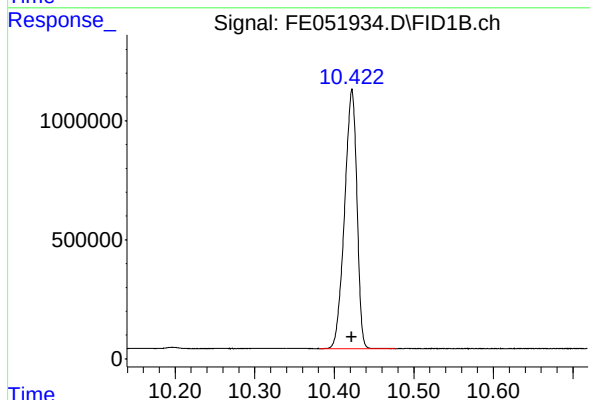
R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 11253718
Conc: 96.17 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



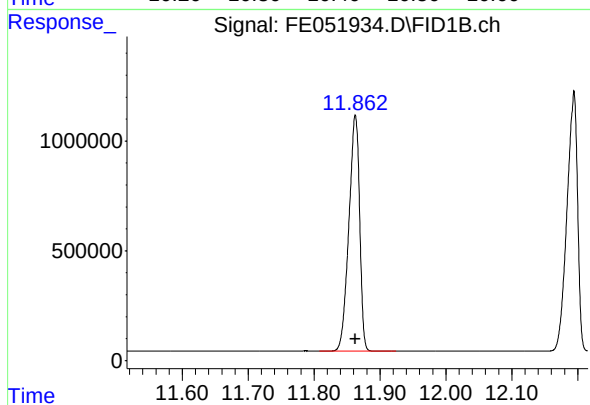
#6 n-Tetradecane (C14)

R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 10927698
Conc: 96.13 ug/ml



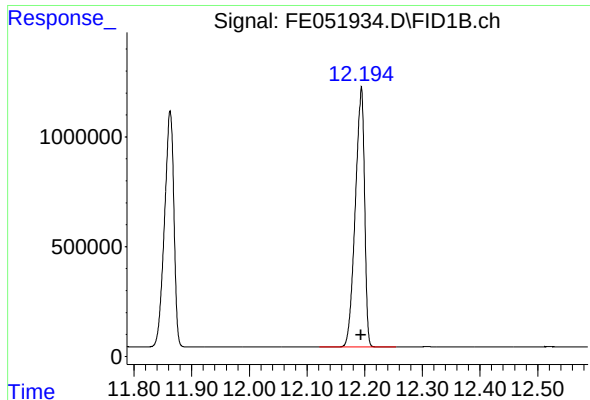
#7 n-Hexadecane (C16)

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 11718913
Conc: 95.49 ug/ml



#8 n-Octadecane (C18)

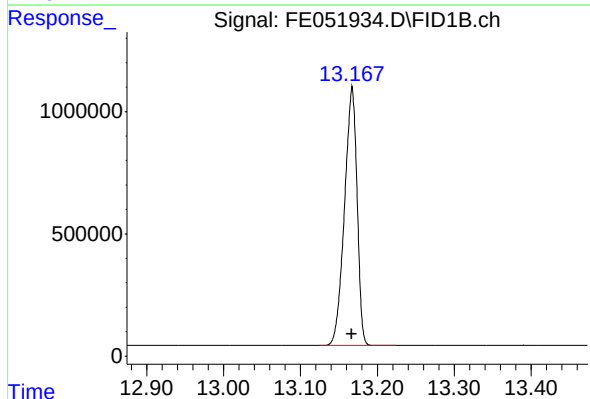
R.T.: 11.862 min
Delta R.T.: 0.000 min
Response: 12167309
Conc: 95.01 ug/ml



#9 ortho-Terphenyl (SURR)

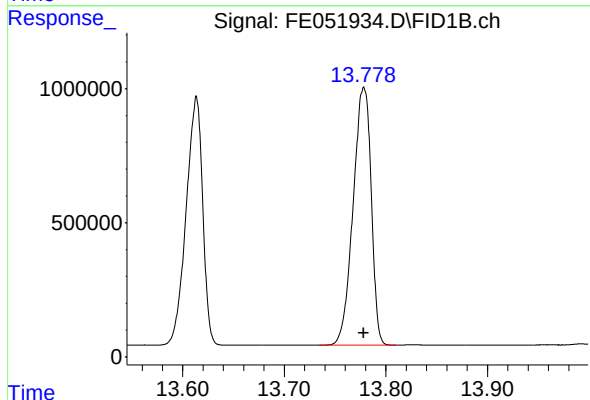
R.T.: 12.194 min
Delta R.T.: 0.000 min
Response: 13180280
Conc: 95.16 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



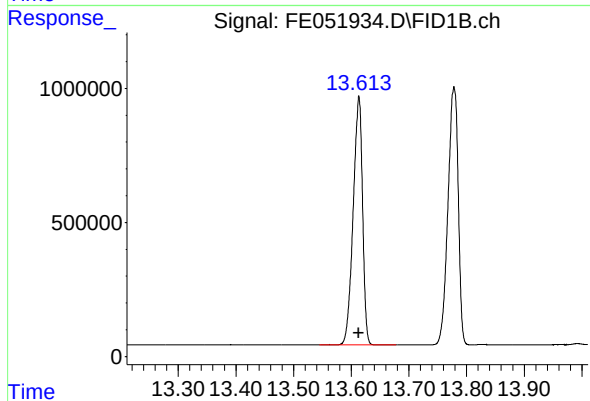
#10 n-Eicosane (C20)

R.T.: 13.167 min
Delta R.T.: 0.000 min
Response: 11964882
Conc: 94.78 ug/ml



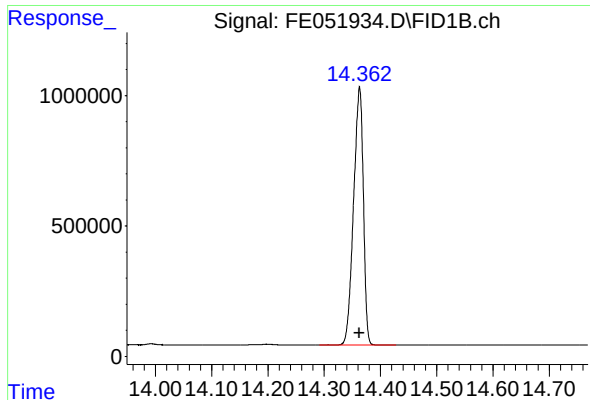
#11 n-Heneicosane (C21)

R.T.: 13.778 min
Delta R.T.: 0.000 min
Response: 11878976
Conc: 94.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.613 min
Delta R.T.: 0.000 min
Response: 10485008
Conc: 94.84 ug/ml



#13 n-Docosane (C22)

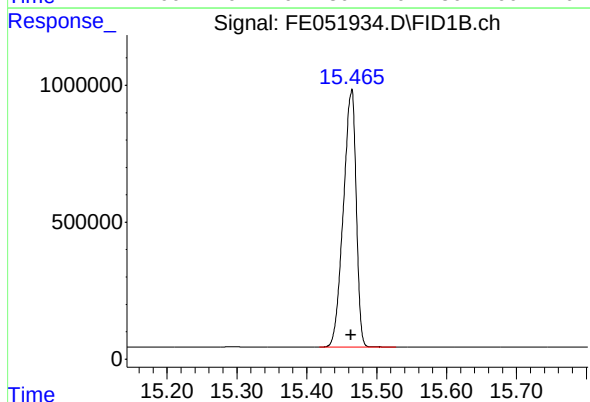
R.T.: 14.363 min
Delta R.T.: 0.000 min
Response: 11918024
Conc: 94.51 ug/ml

Instrument :

FID_E

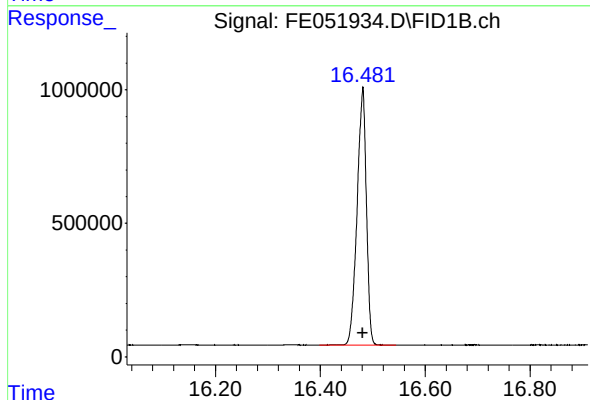
ClientSampleId :

100 PPM ALIPHATIC HC STD1



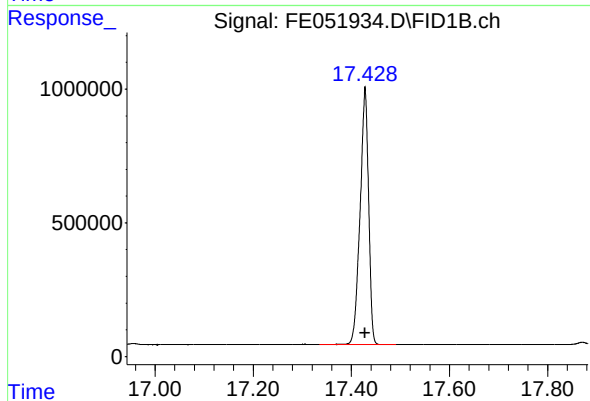
#14 n-Tetracosane (C24)

R.T.: 15.463 min
Delta R.T.: 0.000 min
Response: 11985677
Conc: 94.37 ug/ml



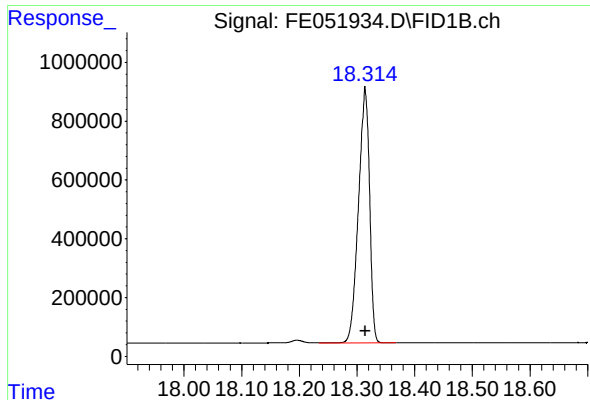
#15 n-Hexacosane (C26)

R.T.: 16.480 min
Delta R.T.: 0.000 min
Response: 11846864
Conc: 94.10 ug/ml



#16 n-Octacosane (C28)

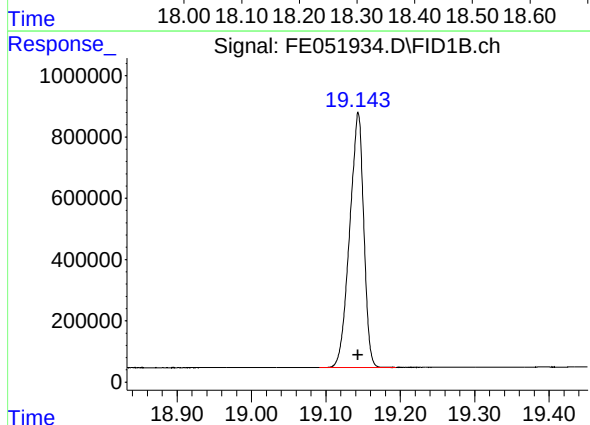
R.T.: 17.428 min
Delta R.T.: 0.000 min
Response: 11578172
Conc: 93.22 ug/ml



#17 n-Tricontane (C30)

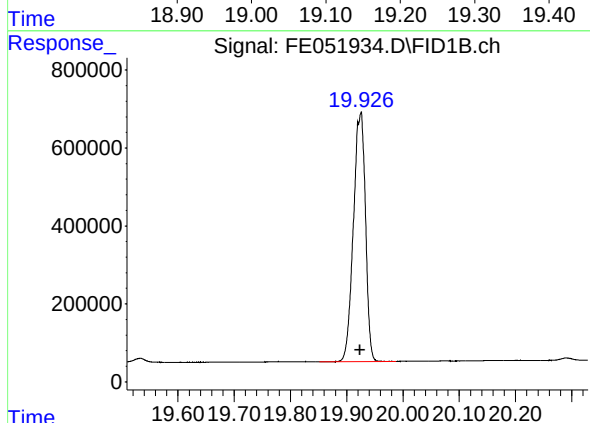
R.T.: 18.314 min
Delta R.T.: 0.000 min
Response: 11583656
Conc: 91.96 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



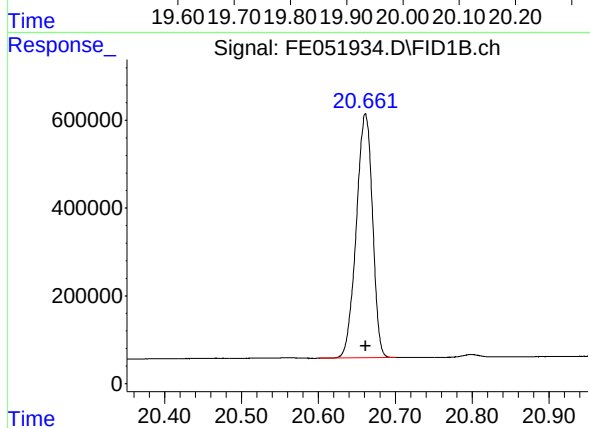
#18 n-Dotriacontane (C32)

R.T.: 19.143 min
Delta R.T.: 0.000 min
Response: 10942864
Conc: 91.19 ug/ml



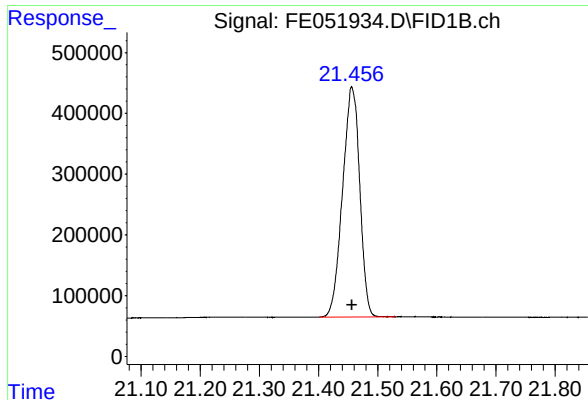
#19 n-Tetratriacontane (C34)

R.T.: 19.924 min
Delta R.T.: 0.000 min
Response: 9516388
Conc: 91.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.661 min
Delta R.T.: 0.000 min
Response: 8154109
Conc: 92.26 ug/ml



#21 n-Octatriacontane (C38)

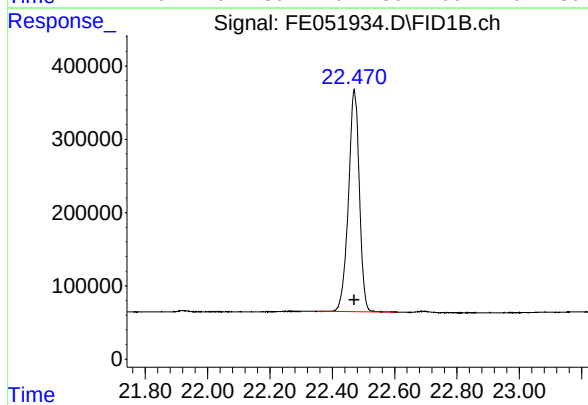
R.T.: 21.457 min
Delta R.T.: 0.000 min
Response: 7619966
Conc: 93.13 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.470 min
Delta R.T.: 0.000 min
Response: 7370521
Conc: 93.42 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
Data File : FE051934.D
Signal(s) : FID1B.ch
Acq On : 16 Jan 2025 13:41
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.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	3.619	3.581	3.684	BB	1049990	9893971	75.07%	4.156%
2	4.856	4.814	4.918	BB	1102135	10177404	77.22%	4.275%
3	6.560	6.521	6.592	BV	1213140	11338746	86.03%	4.763%
4	7.001	6.961	7.064	BB	1084335	10555705	80.09%	4.434%
5	7.648	7.594	7.734	PB	1139596	11253718	85.38%	4.727%
6	8.820	8.764	8.888	BB	1083537	10927698	82.91%	4.590%
7	10.422	10.381	10.478	BB	1073858	11718913	88.91%	4.923%
8	11.862	11.808	11.924	BB	1069842	12167309	92.31%	5.111%
9	12.194	12.121	12.254	BB	1186765	13180280	100.00%	5.537%
10	13.167	13.124	13.224	BB	1054806	11964882	90.78%	5.026%
11	13.613	13.544	13.678	BB	938743	10485008	79.55%	4.404%
12	13.778	13.734	13.810	BV	959844	11878976	90.13%	4.990%
13	14.363	14.291	14.428	BB	998022	11918024	90.42%	5.006%
14	15.463	15.418	15.528	BB	945554	11985677	90.94%	5.035%
15	16.480	16.398	16.544	BB	964175	11846864	89.88%	4.976%
16	17.428	17.334	17.491	BB	952011	11578172	87.84%	4.864%
17	18.314	18.234	18.368	VB	865268	11583656	87.89%	4.866%
18	19.143	19.091	19.194	BB	837640	10942864	83.02%	4.597%
19	19.924	19.851	19.988	BB	632612	9516388	72.20%	3.997%
20	20.661	20.601	20.701	BB	557360	8154109	61.87%	3.425%
21	21.457	21.401	21.531	BB	376136	7619966	57.81%	3.201%
22	22.470	22.358	22.604	BB	302373	7370521	55.92%	3.096%

Sum of corrected areas: 238058849

Aliphatic EPH 011625.M Thu Jan 16 16:15:36 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051935.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 14:11
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 16 15:08:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
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Volume Inj. : 1 ul
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Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
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Spiked Amount 50.000		Recovery =	97.84%
12) S 1-chlorooctadecane (S...	13.608	5365287	49.012 ug/ml
Spiked Amount 50.000		Recovery =	98.02%
Target Compounds			
1) T n-Nonane (C9)	3.615	4980424	48.766 ug/ml
2) T n-Decane (C10)	4.853	5120832	48.732 ug/ml
3) T A~Naphthalene (C11.7)	6.557	5684532	48.654 ug/ml
4) T n-Dodecane (C12)	6.998	5307199	48.826 ug/ml
5) T A~2-methylnaphthalene...	7.644	5644088	48.807 ug/ml
6) T n-Tetradecane (C14)	8.815	5500634	48.914 ug/ml
7) T n-Hexadecane (C16)	10.417	5941343	48.929 ug/ml
8) T n-Octadecane (C18)	11.856	6206516	48.966 ug/ml
10) T n-Eicosane (C20)	13.162	6127829	49.020 ug/ml
11) T n-Heneicosane (C21)	13.773	6081633	48.995 ug/ml
13) T n-Docosane (C22)	14.358	6124008	49.031 ug/ml
14) T n-Tetracosane (C24)	15.457	6212379	49.270 ug/ml
15) T n-Hexacosane (C26)	16.477	6172798	49.351 ug/ml
16) T n-Octacosane (C28)	17.424	6095899	49.384 ug/ml
17) T n-Tricontane (C30)	18.311	6177517	49.358 ug/ml
18) T n-Dotriacontane (C32)	19.141	5880092	49.331 ug/ml
19) T n-Tetratriacontane (C34)	19.923	5071199	49.216 ug/ml
20) T n-Hexatriacontane (C36)	20.660	4288883	49.008 ug/ml
21) T n-Octatriacontane (C38)	21.455	3955930	48.887 ug/ml
22) T n-Tetracontane (C40)	22.467	3778145	48.573 ug/ml

(f)=RT Delta > 1/2 Window

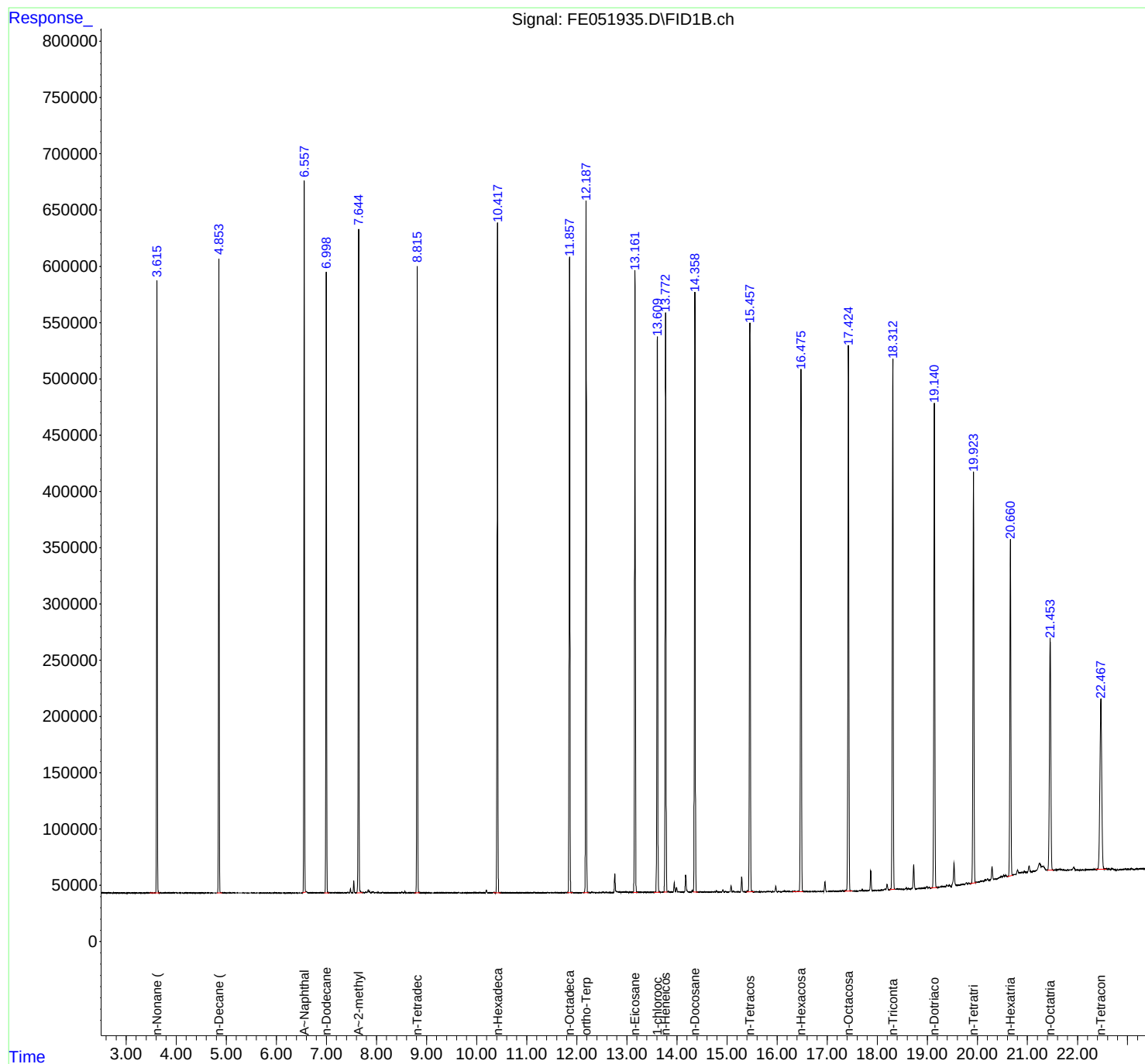
(m)=manual int.

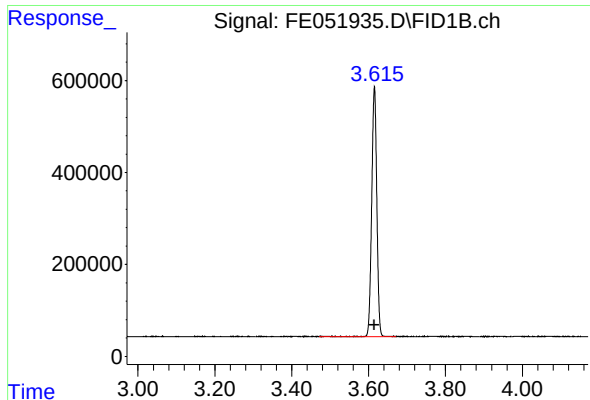
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
Data File : FE051935.D
Signal(s) : FID1B.ch
Acq On : 16 Jan 2025 14:11
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
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Signal Info : 20M x 0.18mm x 0.18um

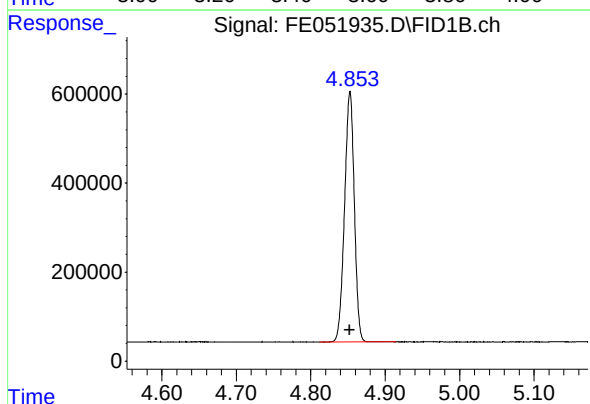




#1 n-Nonane (C9)

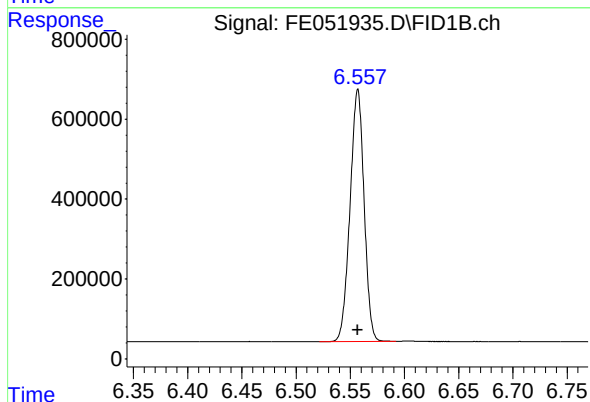
R.T.: 3.615 min
Delta R.T.: 0.000 min
Response: 4980424
Conc: 48.77 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



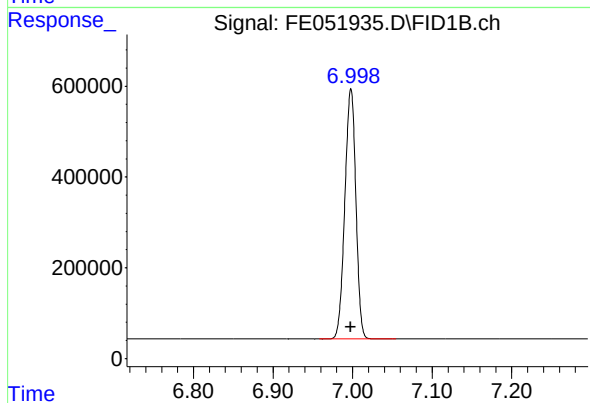
#2 n-Decane (C10)

R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 5120832
Conc: 48.73 ug/ml



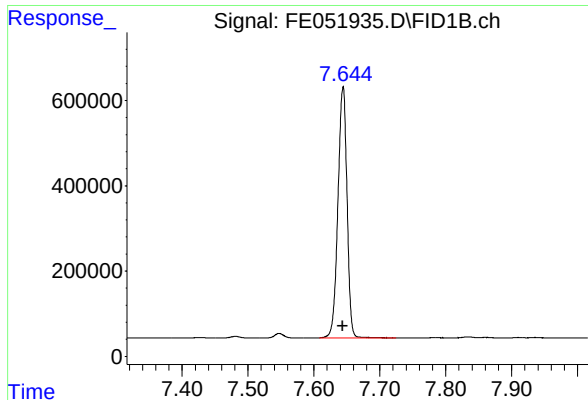
#3 A~Naphthalene (C11.7)

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 5684532
Conc: 48.65 ug/ml



#4 n-Dodecane (C12)

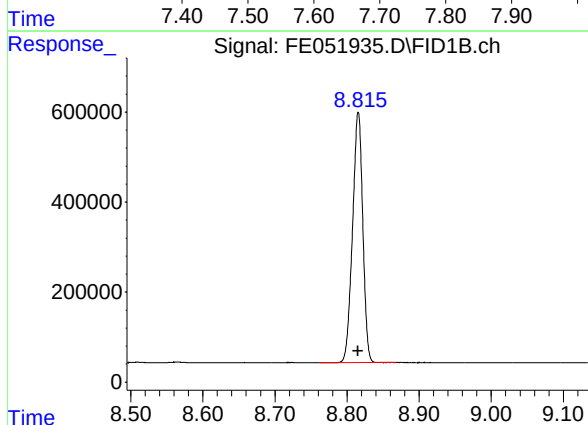
R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 5307199
Conc: 48.83 ug/ml



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

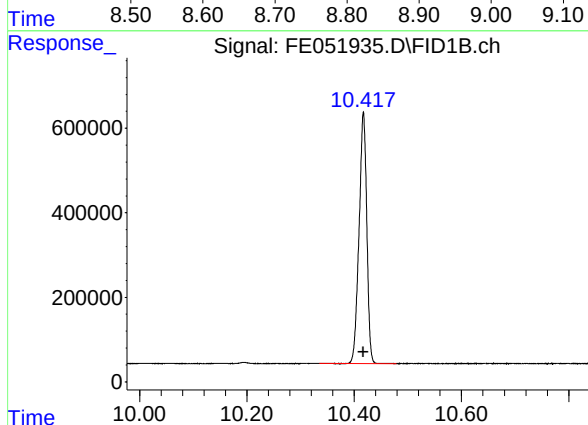
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 5644088
Conc: 48.81 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



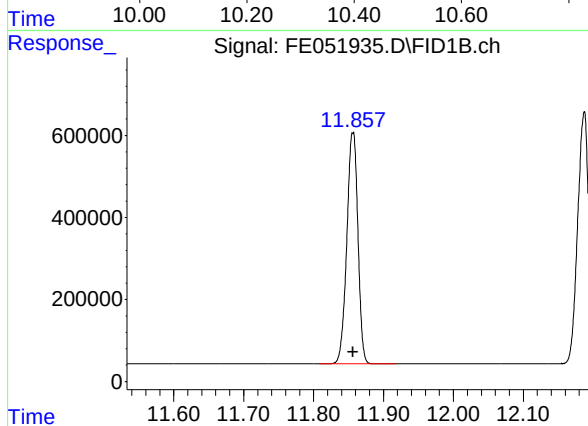
#6 n-Tetradecane (C14)

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 5500634
Conc: 48.91 ug/ml



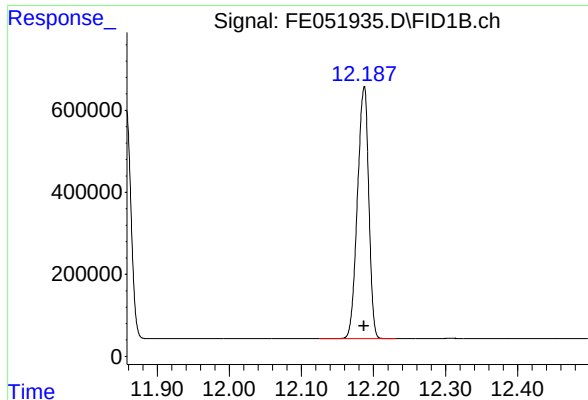
#7 n-Hexadecane (C16)

R.T.: 10.417 min
Delta R.T.: 0.000 min
Response: 5941343
Conc: 48.93 ug/ml



#8 n-Octadecane (C18)

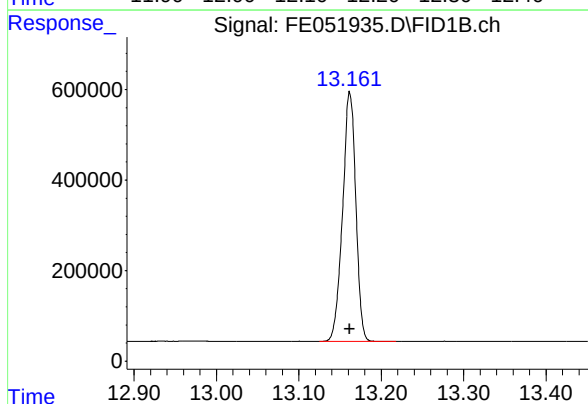
R.T.: 11.856 min
Delta R.T.: 0.000 min
Response: 6206516
Conc: 48.97 ug/ml



#9 ortho-Terphenyl (SURR)

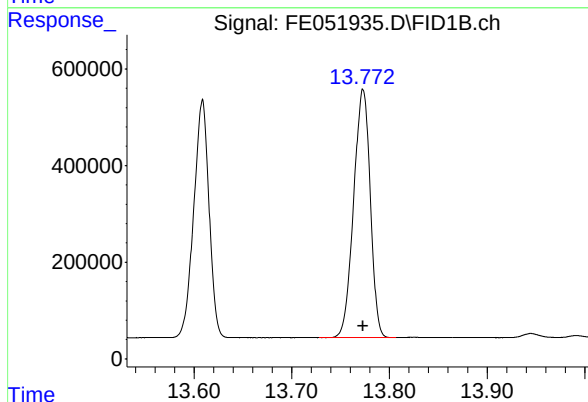
R.T.: 12.187 min
Delta R.T.: 0.000 min
Response: 6703536
Conc: 48.92 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



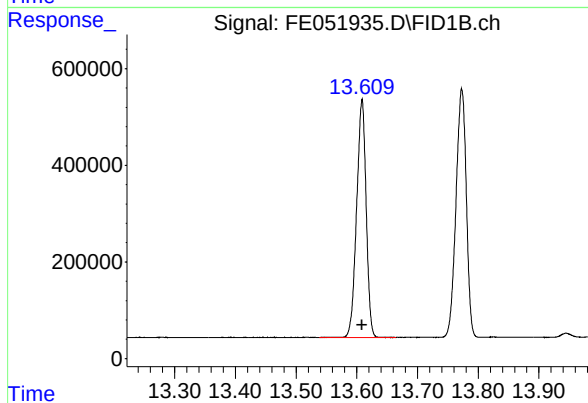
#10 n-Eicosane (C20)

R.T.: 13.162 min
Delta R.T.: 0.000 min
Response: 6127829
Conc: 49.02 ug/ml



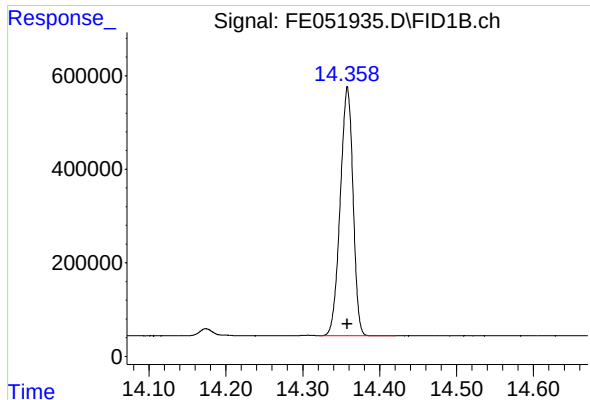
#11 n-Heneicosane (C21)

R.T.: 13.773 min
Delta R.T.: 0.000 min
Response: 6081633
Conc: 48.99 ug/ml



#12 1-chlorooctadecane (SURR)

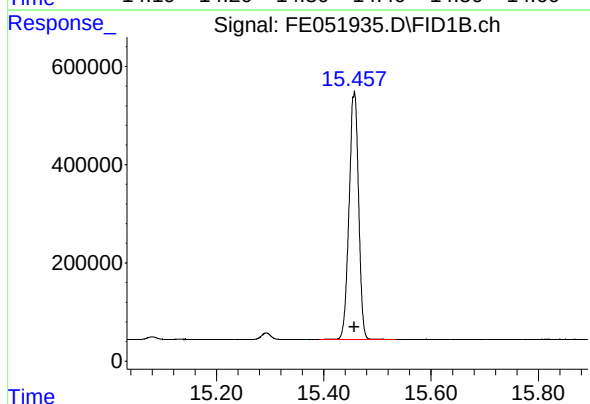
R.T.: 13.608 min
Delta R.T.: 0.000 min
Response: 5365287
Conc: 49.01 ug/ml



#13 n-Docosane (C22)

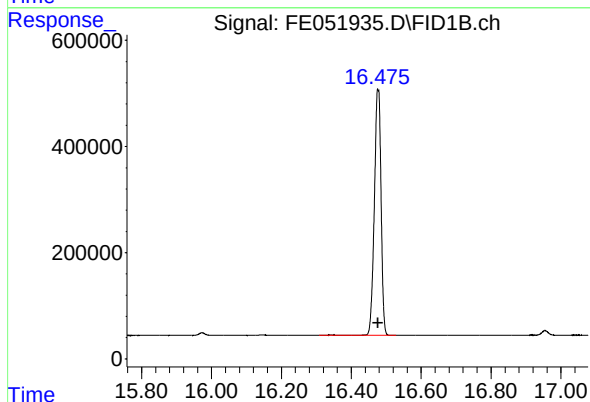
R.T.: 14.358 min
Delta R.T.: 0.000 min
Response: 6124008
Conc: 49.03 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



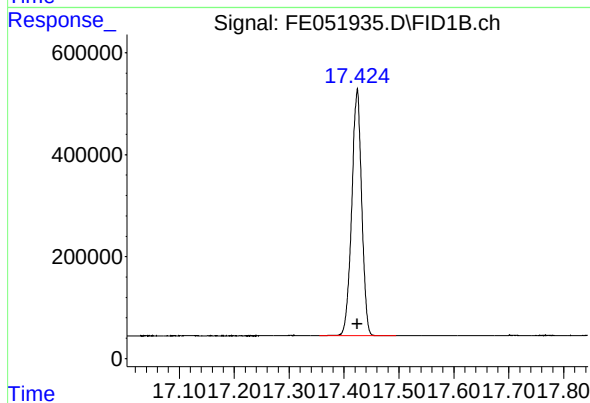
#14 n-Tetracosane (C24)

R.T.: 15.457 min
Delta R.T.: 0.000 min
Response: 6212379
Conc: 49.27 ug/ml



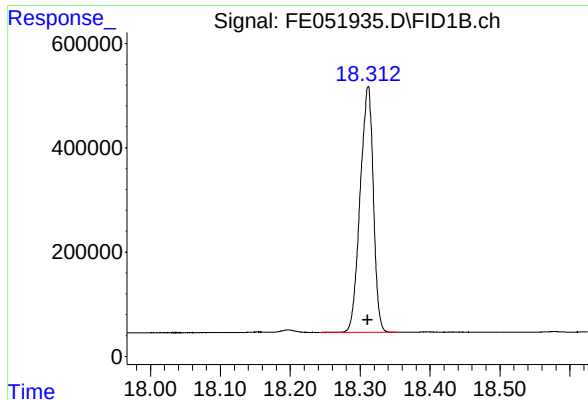
#15 n-Hexacosane (C26)

R.T.: 16.477 min
Delta R.T.: 0.000 min
Response: 6172798
Conc: 49.35 ug/ml



#16 n-Octacosane (C28)

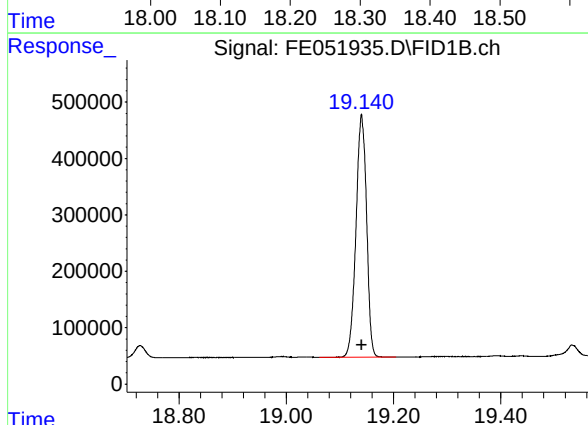
R.T.: 17.424 min
Delta R.T.: 0.000 min
Response: 6095899
Conc: 49.38 ug/ml



#17 n-Tricontane (C30)

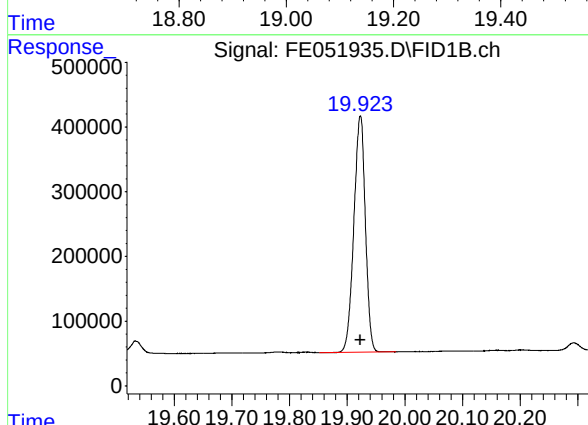
R.T.: 18.311 min
Delta R.T.: 0.000 min
Response: 6177517
Conc: 49.36 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



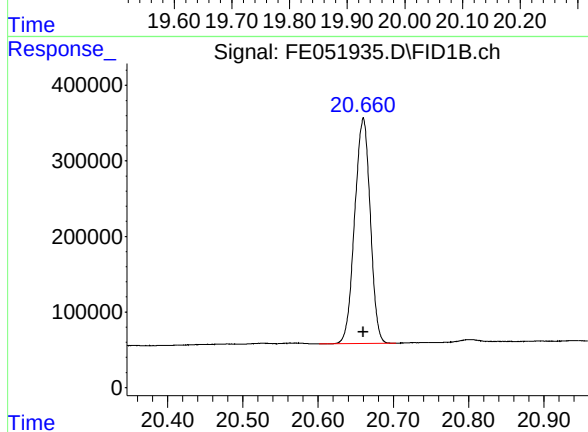
#18 n-Dotriacontane (C32)

R.T.: 19.141 min
Delta R.T.: 0.000 min
Response: 5880092
Conc: 49.33 ug/ml



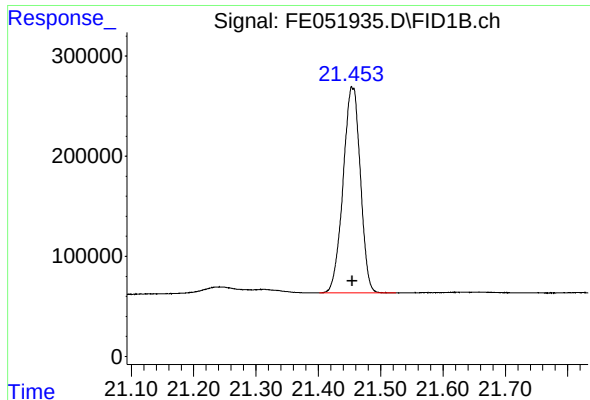
#19 n-Tetratriacontane (C34)

R.T.: 19.923 min
Delta R.T.: 0.000 min
Response: 5071199
Conc: 49.22 ug/ml



#20 n-Hexatriacontane (C36)

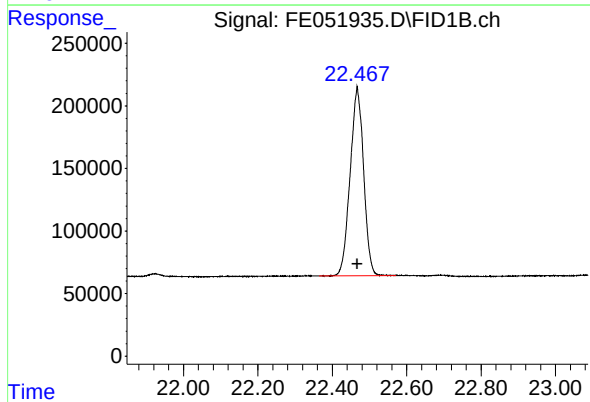
R.T.: 20.660 min
Delta R.T.: 0.000 min
Response: 4288883
Conc: 49.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.455 min
Delta R.T.: 0.000 min
Response: 3955930
Conc: 48.89 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.467 min
Delta R.T.: 0.000 min
Response: 3778145
Conc: 48.57 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051935.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 14:11
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.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	3.615	3.471	3.671	BB	539671	4980424	74.30%	4.068%
2	4.853	4.811	4.915	BB	555125	5120832	76.39%	4.183%
3	6.557	6.521	6.592	BV	631246	5684532	84.80%	4.643%
4	6.998	6.958	7.055	BB	552358	5307199	79.17%	4.335%
5	7.644	7.608	7.725	BB	591860	5644088	84.20%	4.610%
6	8.815	8.761	8.868	BB	555744	5500634	82.06%	4.493%
7	10.417	10.335	10.478	BB	594962	5941343	88.63%	4.853%
8	11.856	11.808	11.918	BB	568546	6206516	92.59%	5.070%
9	12.187	12.125	12.231	BB	623775	6703536	100.00%	5.476%
10	13.162	13.125	13.218	BB	551429	6127829	91.41%	5.006%
11	13.608	13.538	13.665	BB	489521	5365287	80.04%	4.383%
12	13.773	13.728	13.807	BV	514324	6081633	90.72%	4.968%
13	14.358	14.321	14.421	VB	531466	6124008	91.35%	5.002%
14	15.457	15.391	15.535	BB	505458	6212379	92.67%	5.075%
15	16.477	16.308	16.528	BB	466380	6172798	92.08%	5.042%
16	17.424	17.355	17.495	BB	485667	6095899	90.94%	4.979%
17	18.311	18.241	18.351	BB	473574	6177517	92.15%	5.046%
18	19.141	19.061	19.205	BB	426523	5880092	87.72%	4.803%
19	19.923	19.851	19.985	BB	364801	5071199	75.65%	4.142%
20	20.660	20.601	20.703	BV	299476	4288883	63.98%	3.503%
21	21.455	21.401	21.525	BB	205252	3955930	59.01%	3.231%
22	22.467	22.365	22.571	BB	150251	3778145	56.36%	3.086%
Sum of corrected areas:						122420703		

Aliphatic EPH 011625.M Thu Jan 16 16:16:07 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051936.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 14:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jan 16 15:04:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 15:04:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.184	2904295	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.606	2325012	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.614	2156792	20.000 ug/ml
2) T n-Decane (C10)	4.851	2221051	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.554	2468610	20.000 ug/ml
4) T n-Dodecane (C12)	6.995	2287722	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.641	2430045	20.000 ug/ml
6) T n-Tetradecane (C14)	8.814	2361462	20.000 ug/ml
7) T n-Hexadecane (C16)	10.415	2565362	20.000 ug/ml
8) T n-Octadecane (C18)	11.854	2689052	20.000 ug/ml
10) T n-Eicosane (C20)	13.161	2656346	20.000 ug/ml
11) T n-Heneicosane (C21)	13.771	2639211	20.000 ug/ml
13) T n-Docosane (C22)	14.356	2660791	20.000 ug/ml
14) T n-Tetracosane (C24)	15.457	2683259	20.000 ug/ml
15) T n-Hexacosane (C26)	16.474	2666311	20.000 ug/ml
16) T n-Octacosane (C28)	17.420	2652290	20.000 ug/ml
17) T n-Tricontane (C30)	18.307	2721677	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.138	2611257	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.918	2250632	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.657	1904471	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.448	1748815	20.000 ug/ml
22) T n-Tetracontane (C40)	22.462	1681591	20.000 ug/ml

(f)=RT Delta > 1/2 Window

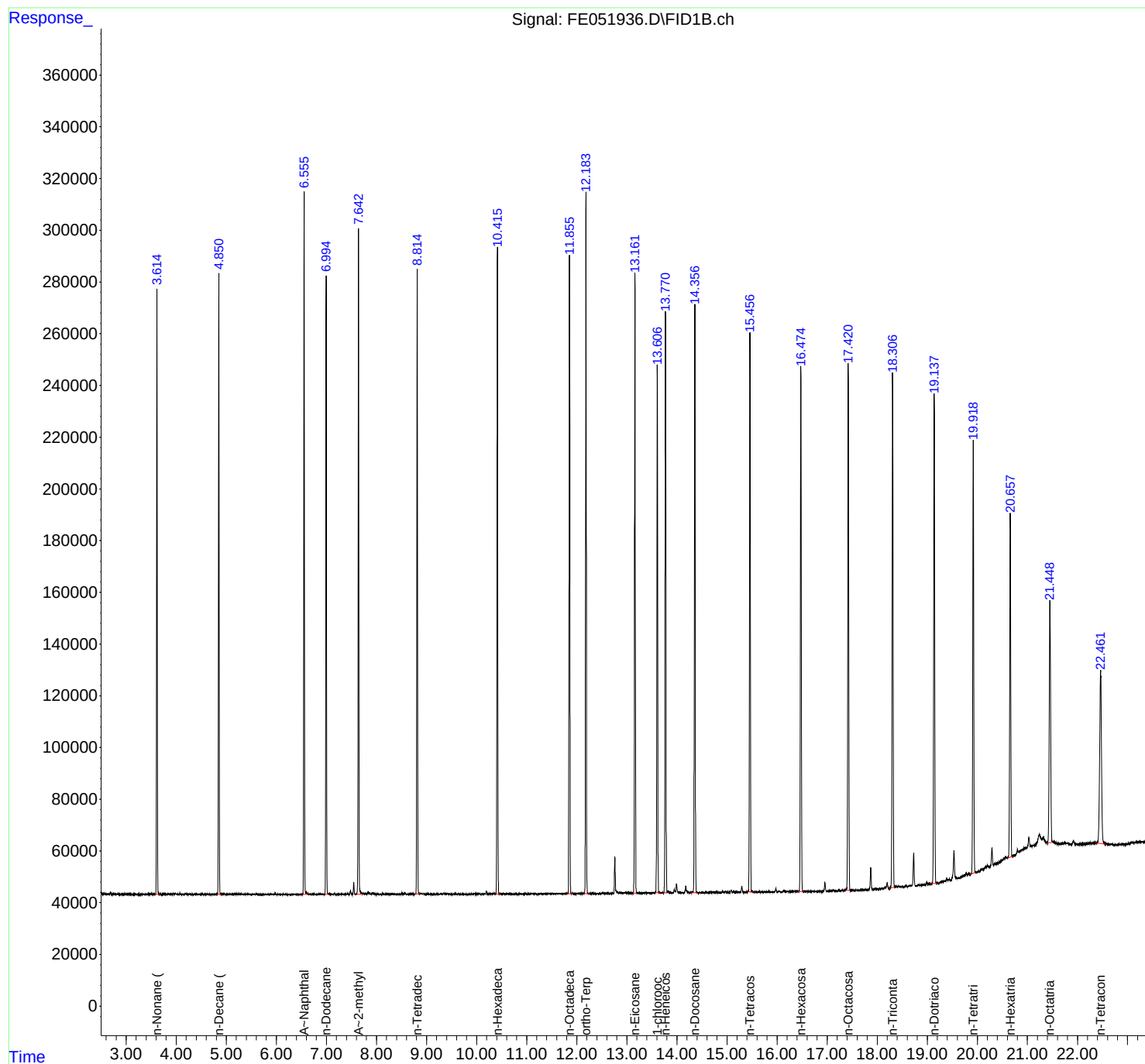
(m)=manual int.

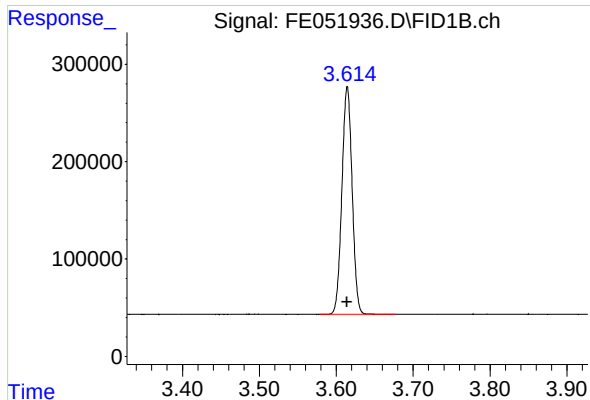
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
Data File : FE051936.D
Signal(s) : FID1B.ch
Acq On : 16 Jan 2025 14:41
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jan 16 15:04:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 15:04:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

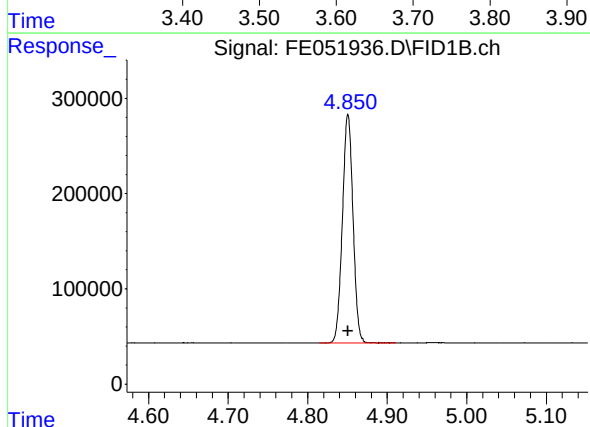




#1 n-Nonane (C9)

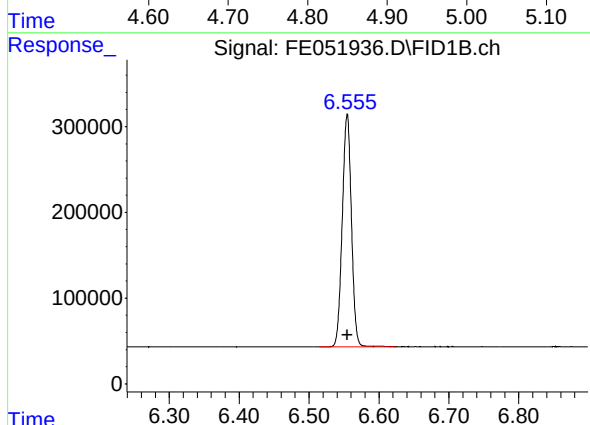
R.T.: 3.614 min
Delta R.T.: 0.000 min
Response: 2156792
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



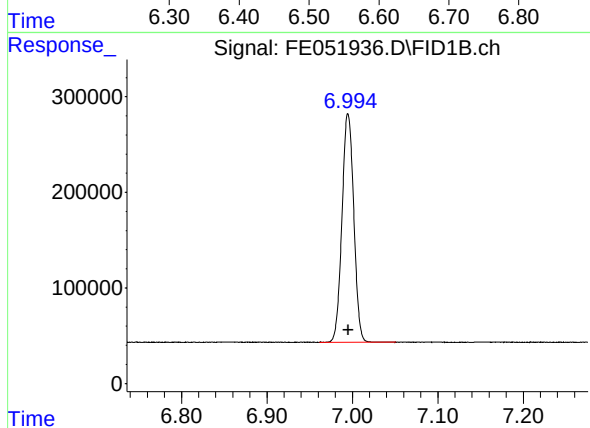
#2 n-Decane (C10)

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 2221051
Conc: 20.00 ug/ml



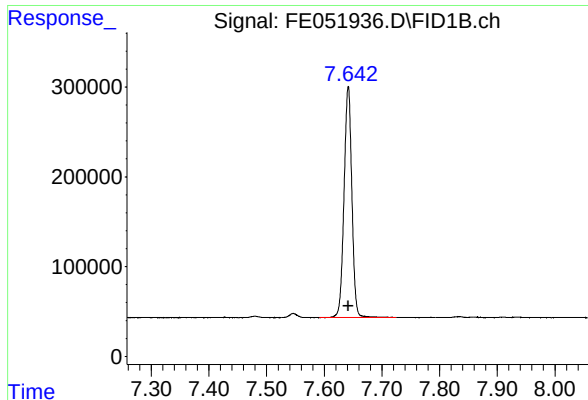
#3 A~Naphthalene (C11.7)

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 2468610
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

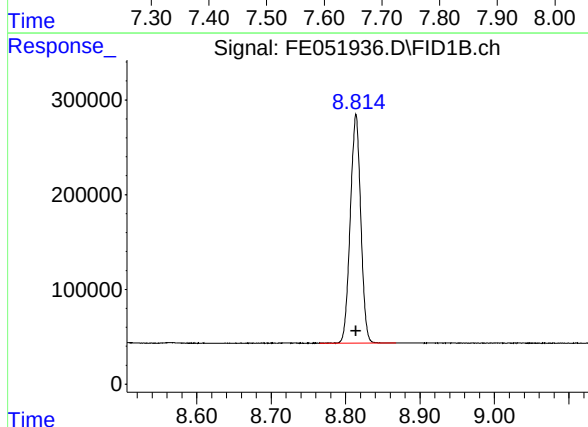
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 2287722
Conc: 20.00 ug/ml



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

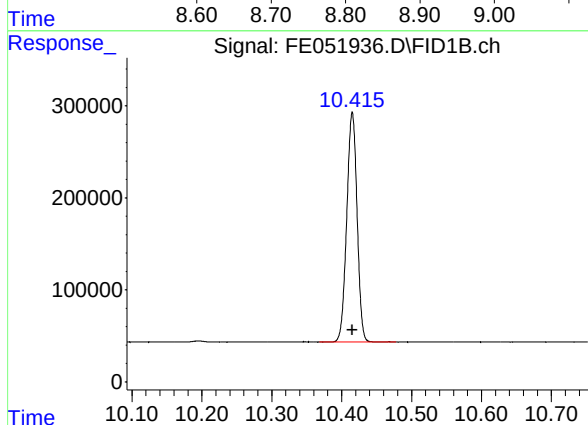
R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 2430045
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



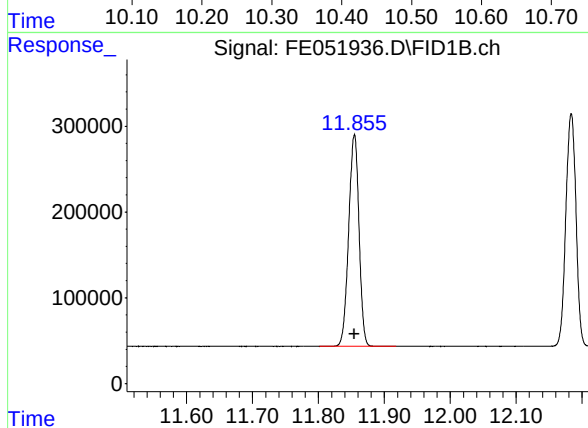
#6 n-Tetradecane (C14)

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 2361462
Conc: 20.00 ug/ml



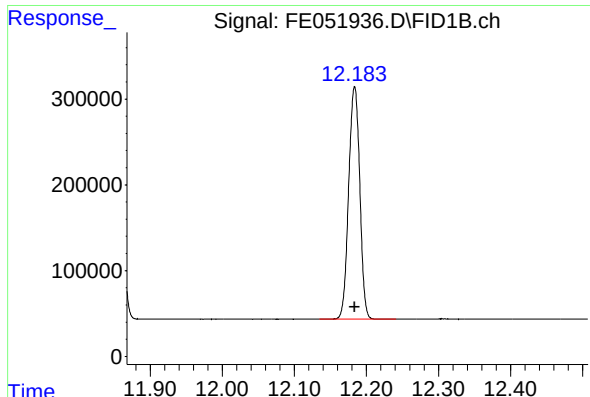
#7 n-Hexadecane (C16)

R.T.: 10.415 min
Delta R.T.: 0.000 min
Response: 2565362
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

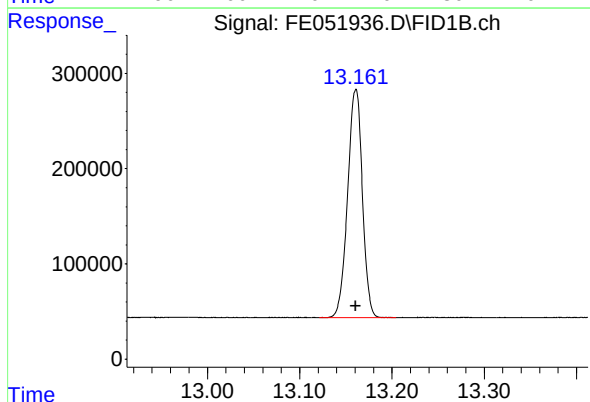
R.T.: 11.854 min
Delta R.T.: 0.000 min
Response: 2689052
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

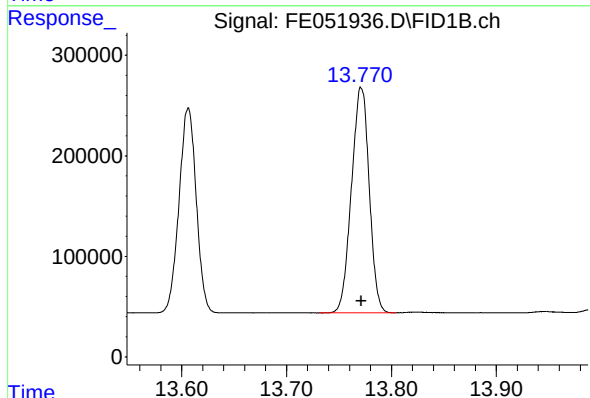
R.T.: 12.184 min
Delta R.T.: 0.000 min
Response: 2904295
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



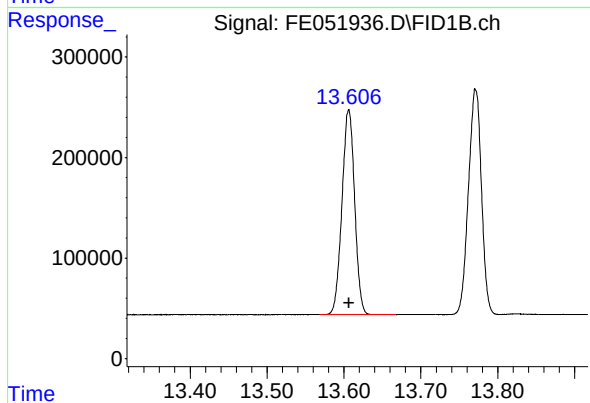
#10 n-Eicosane (C20)

R.T.: 13.161 min
Delta R.T.: 0.000 min
Response: 2656346
Conc: 20.00 ug/ml



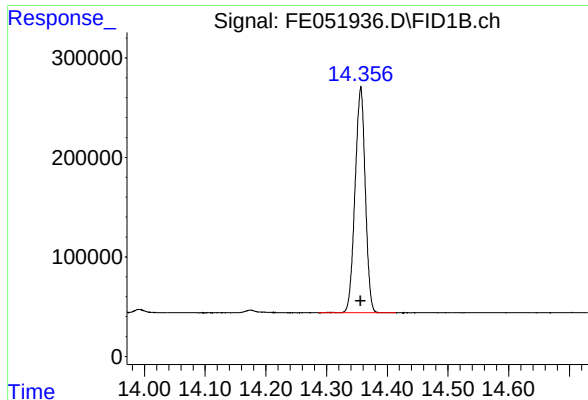
#11 n-Heneicosane (C21)

R.T.: 13.771 min
Delta R.T.: 0.000 min
Response: 2639211
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

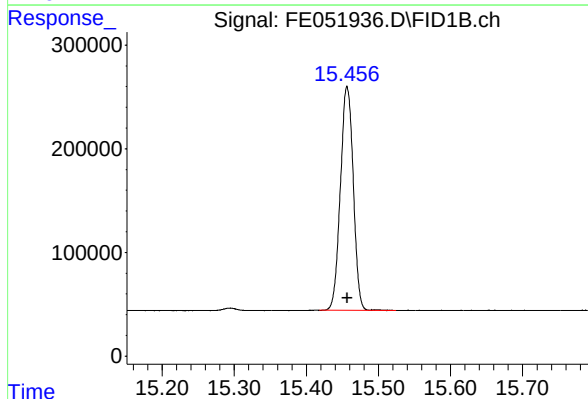
R.T.: 13.606 min
Delta R.T.: 0.000 min
Response: 2325012
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

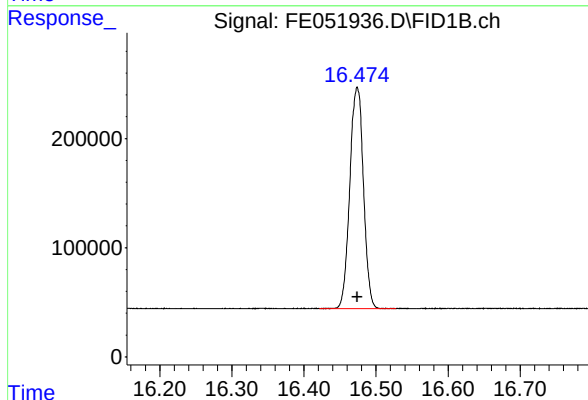
R.T.: 14.356 min
Delta R.T.: 0.000 min
Response: 2660791
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



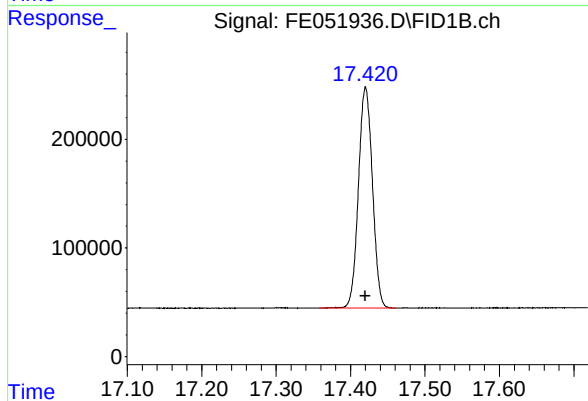
#14 n-Tetracosane (C24)

R.T.: 15.457 min
Delta R.T.: 0.000 min
Response: 2683259
Conc: 20.00 ug/ml



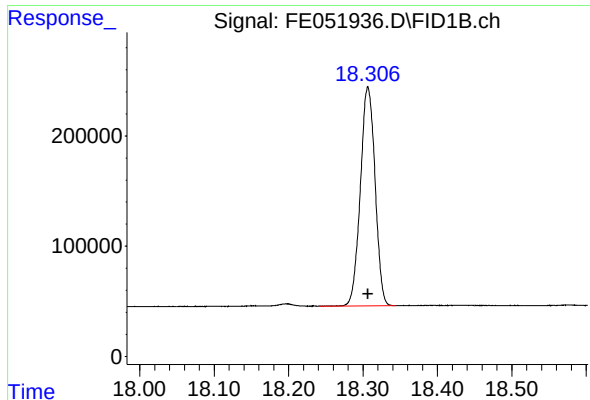
#15 n-Hexacosane (C26)

R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 2666311
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

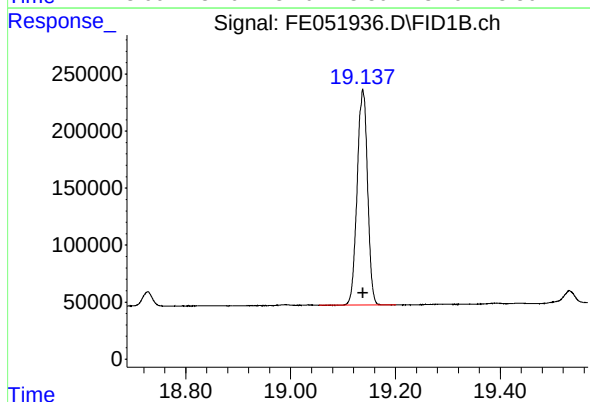
R.T.: 17.420 min
Delta R.T.: 0.000 min
Response: 2652290
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

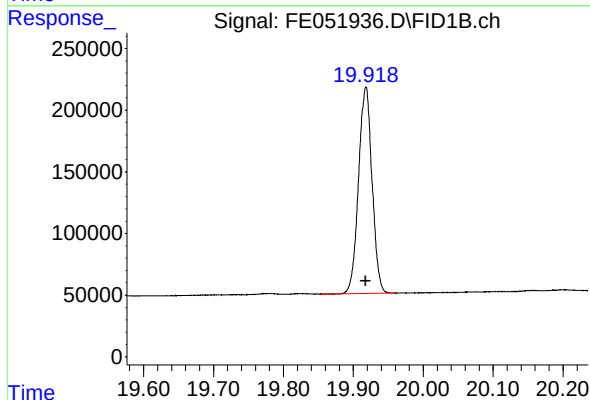
R.T.: 18.307 min
Delta R.T.: 0.000 min
Response: 2721677
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



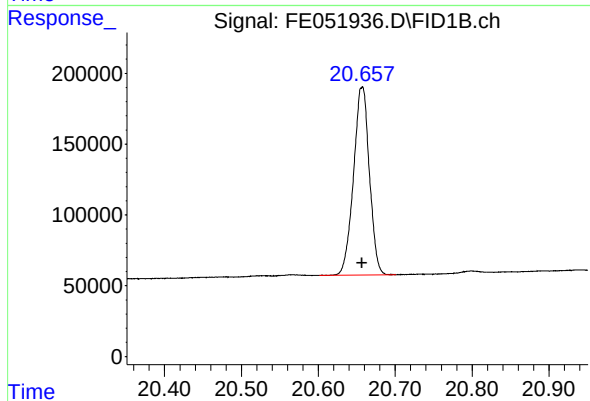
#18 n-Dotriacontane (C32)

R.T.: 19.138 min
Delta R.T.: 0.000 min
Response: 2611257
Conc: 20.00 ug/ml



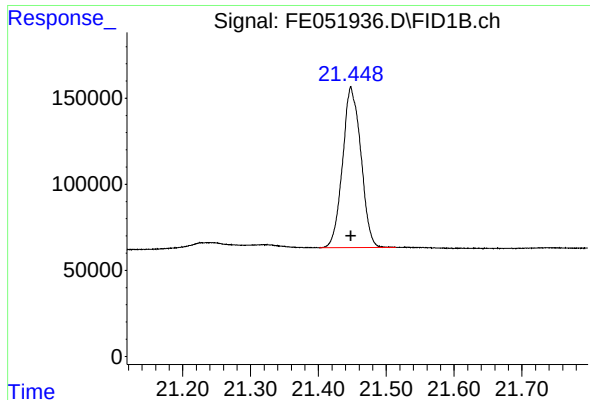
#19 n-Tetatriacontane (C34)

R.T.: 19.918 min
Delta R.T.: 0.000 min
Response: 2250632
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

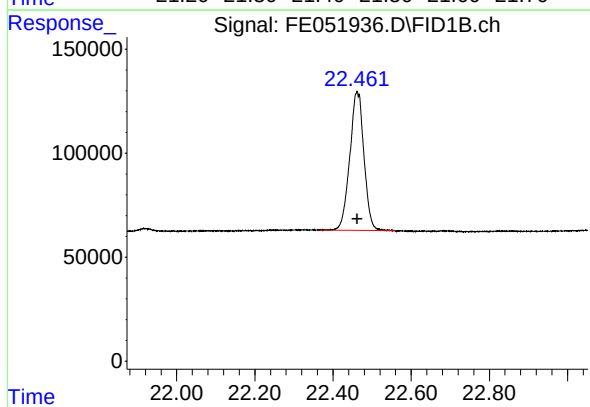
R.T.: 20.657 min
Delta R.T.: 0.000 min
Response: 1904471
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.448 min
Delta R.T.: 0.000 min
Response: 1748815
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.462 min
Delta R.T.: 0.000 min
Response: 1681591
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051936.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 14:41
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.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	3.614	3.578	3.678	BB	233696	2156792	74.26%	4.048%
2	4.851	4.814	4.911	BB	239939	2221051	76.47%	4.168%
3	6.554	6.514	6.624	BB	270857	2468610	85.00%	4.633%
4	6.995	6.961	7.051	BB	239499	2287722	78.77%	4.293%
5	7.642	7.591	7.724	BB	256733	2430045	83.67%	4.560%
6	8.814	8.764	8.868	BB	241766	2361462	81.31%	4.432%
7	10.415	10.368	10.478	BB	249369	2565362	88.33%	4.814%
8	11.854	11.801	11.918	BB	247233	2689052	92.59%	5.046%
9	12.184	12.134	12.241	BB	271894	2904295	100.00%	5.450%
10	13.161	13.121	13.204	BB	240063	2656346	91.46%	4.985%
11	13.606	13.568	13.668	BB	203840	2325012	80.05%	4.363%
12	13.771	13.731	13.804	BV	225179	2639211	90.87%	4.953%
13	14.356	14.288	14.414	BB	227811	2660791	91.62%	4.993%
14	15.457	15.418	15.524	BB	214834	2683259	92.39%	5.036%
15	16.474	16.421	16.528	BB	203059	2666311	91.81%	5.004%
16	17.420	17.358	17.461	BB	203018	2652290	91.32%	4.977%
17	18.307	18.241	18.344	BB	197705	2721677	93.71%	5.108%
18	19.138	19.054	19.201	BB	188820	2611257	89.91%	4.900%
19	19.918	19.851	19.961	BB	167545	2250632	77.49%	4.224%
20	20.657	20.601	20.701	BB	133041	1904471	65.57%	3.574%
21	21.448	21.401	21.514	BB	92861	1748815	60.21%	3.282%
22	22.462	22.364	22.561	BB	66554	1681591	57.90%	3.156%
Sum of corrected areas:							53286052	

Aliphatic EPH 011625.M Thu Jan 16 16:16:48 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051937.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 15:11
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 16 15:34:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 15:34:18 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.183	1571297	11.061 ug/ml
Spiked Amount 50.000		Recovery =	22.12%
12) S 1-chlorooctadecane (S...	13.606	1266075	11.130 ug/ml
Spiked Amount 50.000		Recovery =	22.26%
Target Compounds			
1) T n-Nonane (C9)	3.615	1169611	11.051 ug/ml
2) T n-Decane (C10)	4.851	1200716	11.033 ug/ml
3) T A~Naphthalene (C11.7)	6.554	1331181	11.010 ug/ml
4) T n-Dodecane (C12)	6.995	1234275	10.983 ug/ml
5) T A~2-methylnaphthalene...	7.641	1299684	10.901 ug/ml
6) T n-Tetradecane (C14)	8.813	1269290	10.935 ug/ml
7) T n-Hexadecane (C16)	10.414	1380055	10.990 ug/ml
8) T n-Octadecane (C18)	11.853	1454258	11.066 ug/ml
10) T n-Eicosane (C20)	13.160	1449146	11.149 ug/ml
11) T n-Heneicosane (C21)	13.770	1439669	11.153 ug/ml
13) T n-Docosane (C22)	14.355	1454866	11.187 ug/ml
14) T n-Tetracosane (C24)	15.455	1475347	11.224 ug/ml
15) T n-Hexacosane (C26)	16.473	1469535	11.257 ug/ml
16) T n-Octacosane (C28)	17.421	1470091	11.367 ug/ml
17) T n-Tricontane (C30)	18.308	1513971	11.494 ug/ml
18) T n-Dotriacontane (C32)	19.137	1452075	11.552 ug/ml
19) T n-Tetratriacontane (C34)	19.919	1250460	11.521 ug/ml
20) T n-Hexatriacontane (C36)	20.657	1062364	11.523 ug/ml
21) T n-Octatriacontane (C38)	21.448	949160	11.243 ug/ml
22) T n-Tetracontane (C40)	22.461	922101	11.329 ug/ml

(f)=RT Delta > 1/2 Window

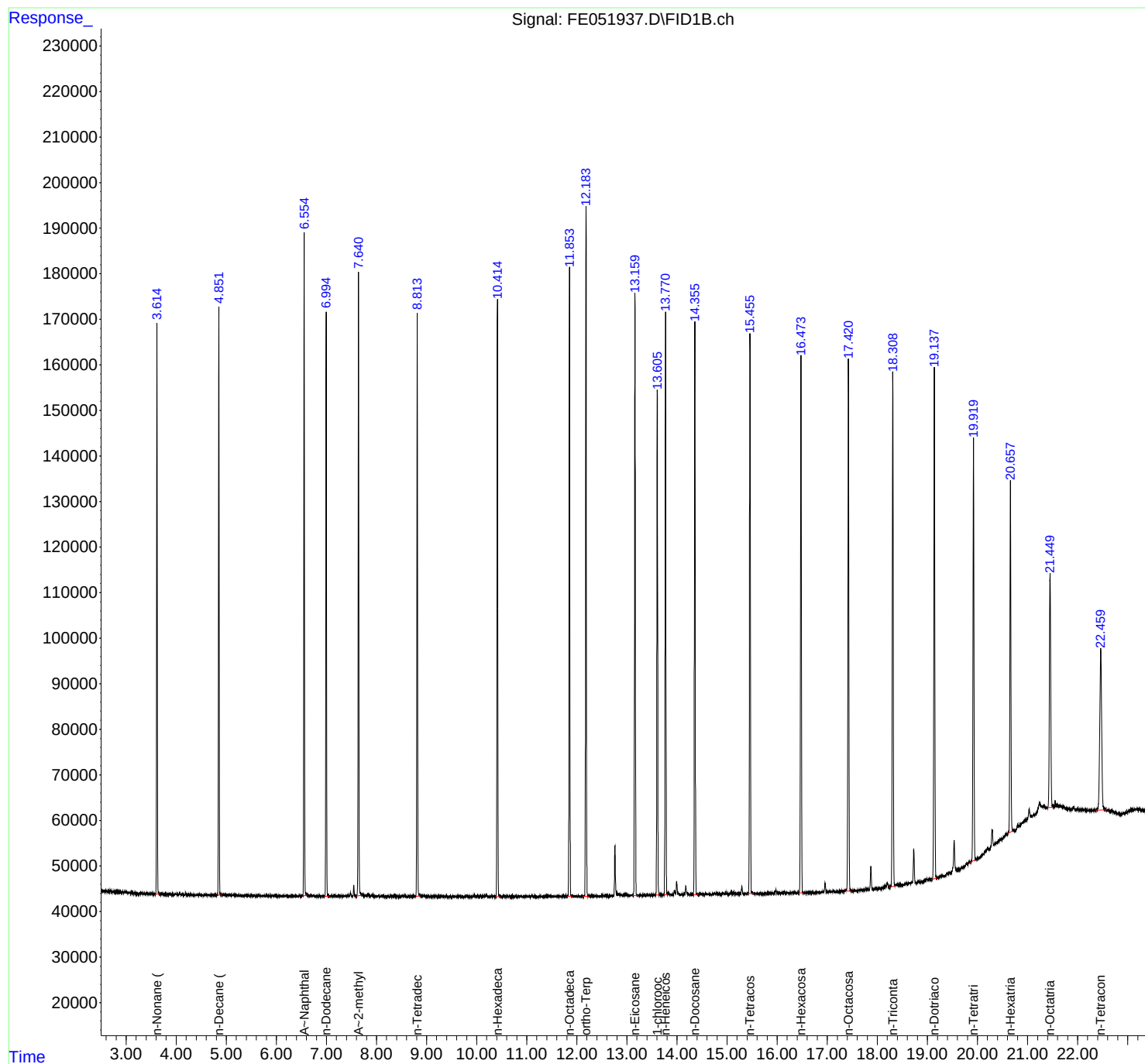
(m)=manual int.

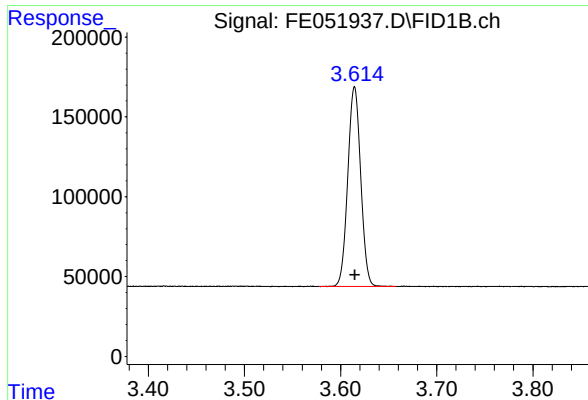
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
Data File : FE051937.D
Signal(s) : FID1B.ch
Acq On : 16 Jan 2025 15:11
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jan 16 15:34:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 15:34:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

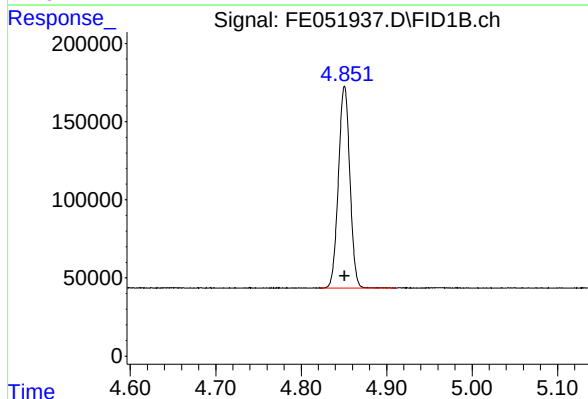




#1 n-Nonane (C9)

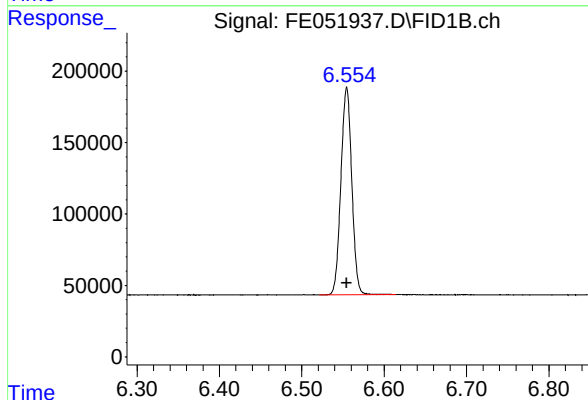
R.T.: 3.615 min
Delta R.T.: 0.000 min
Response: 1169611
Conc: 11.05 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



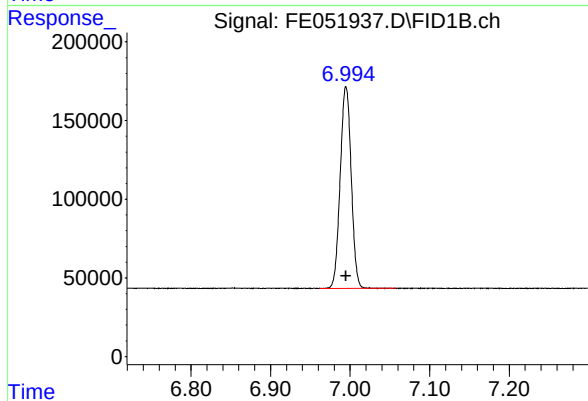
#2 n-Decane (C10)

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 1200716
Conc: 11.03 ug/ml



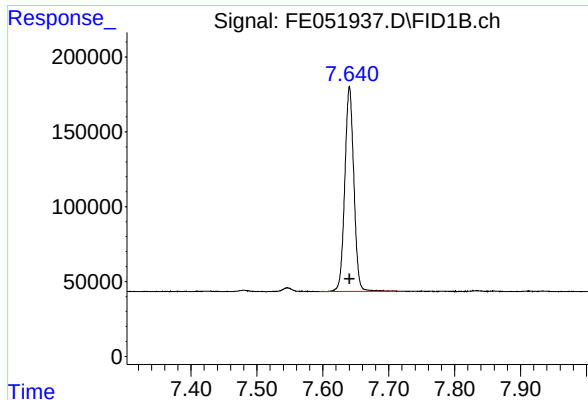
#3 A~Naphthalene (C11.7)

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 1331181
Conc: 11.01 ug/ml



#4 n-Dodecane (C12)

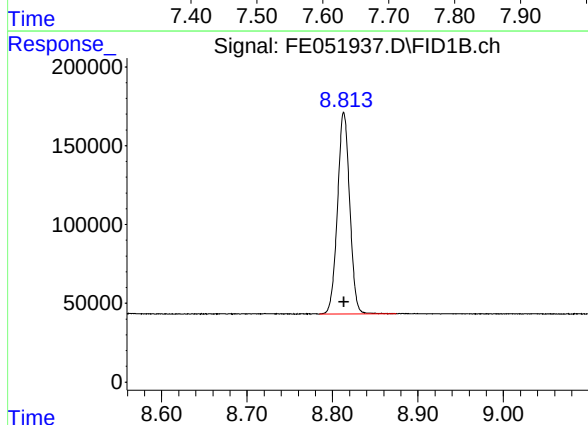
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 1234275
Conc: 10.98 ug/ml



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

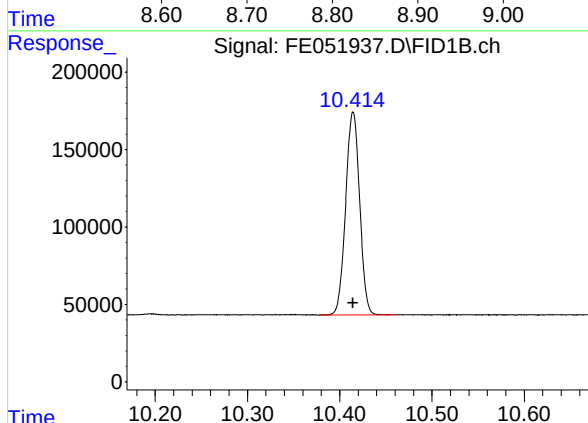
R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 1299684
Conc: 10.90 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



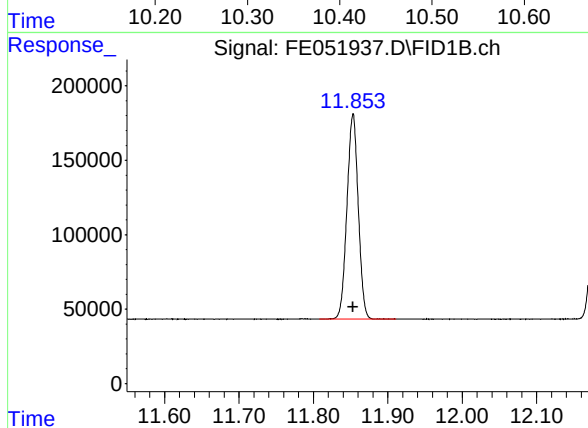
#6 n-Tetradecane (C14)

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 1269290
Conc: 10.94 ug/ml



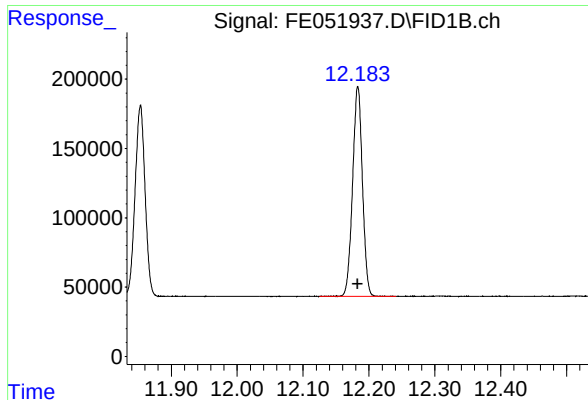
#7 n-Hexadecane (C16)

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 1380055
Conc: 10.99 ug/ml



#8 n-Octadecane (C18)

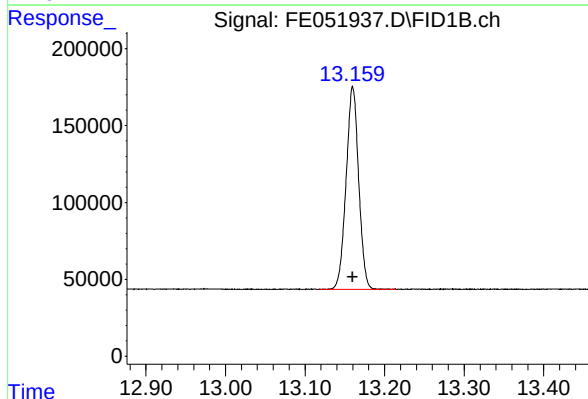
R.T.: 11.853 min
Delta R.T.: 0.000 min
Response: 1454258
Conc: 11.07 ug/ml



#9 ortho-Terphenyl (SURR)

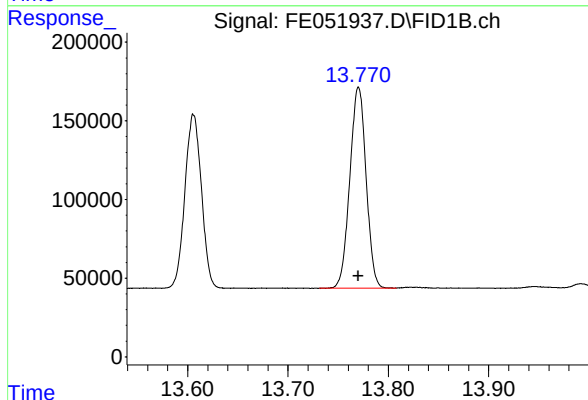
R.T.: 12.183 min
Delta R.T.: 0.000 min
Response: 1571297
Conc: 11.06 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



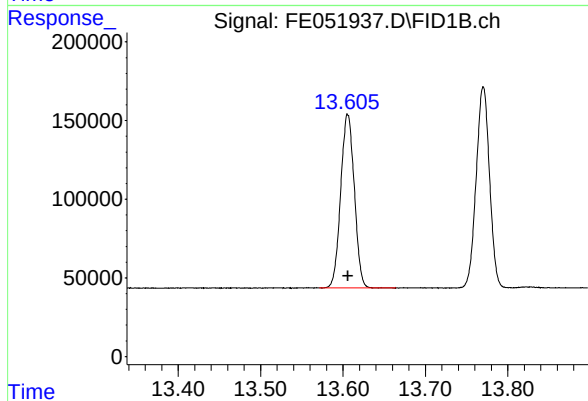
#10 n-Eicosane (C20)

R.T.: 13.160 min
Delta R.T.: 0.000 min
Response: 1449146
Conc: 11.15 ug/ml



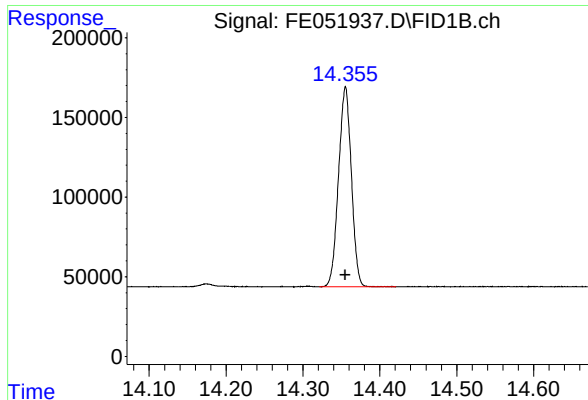
#11 n-Heneicosane (C21)

R.T.: 13.770 min
Delta R.T.: 0.000 min
Response: 1439669
Conc: 11.15 ug/ml



#12 1-chlorooctadecane (SURR)

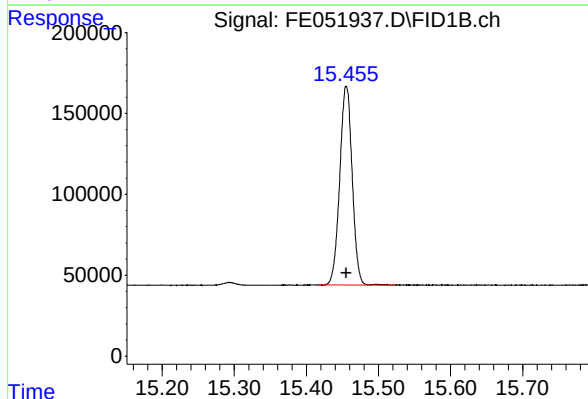
R.T.: 13.606 min
Delta R.T.: 0.000 min
Response: 1266075
Conc: 11.13 ug/ml



#13 n-Docosane (C22)

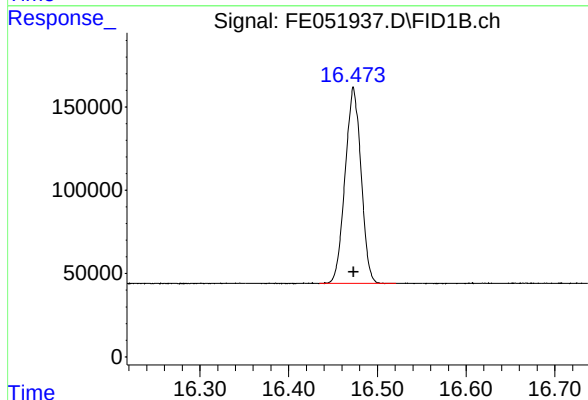
R.T.: 14.355 min
Delta R.T.: 0.000 min
Response: 1454866
Conc: 11.19 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



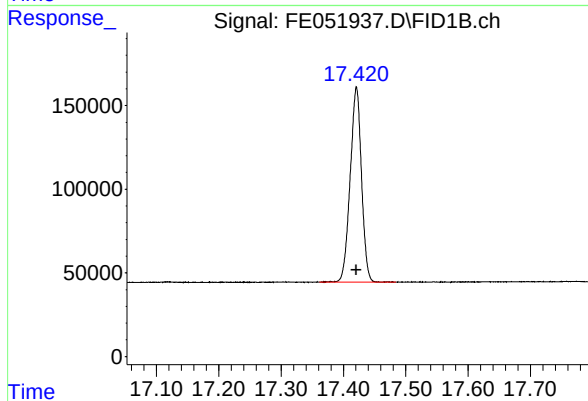
#14 n-Tetracosane (C24)

R.T.: 15.455 min
Delta R.T.: 0.000 min
Response: 1475347
Conc: 11.22 ug/ml



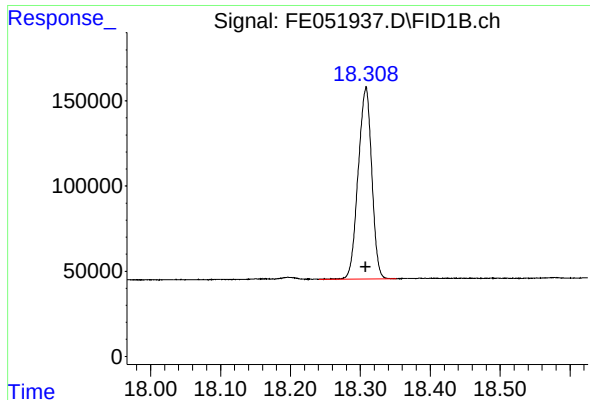
#15 n-Hexacosane (C26)

R.T.: 16.473 min
Delta R.T.: 0.000 min
Response: 1469535
Conc: 11.26 ug/ml



#16 n-Octacosane (C28)

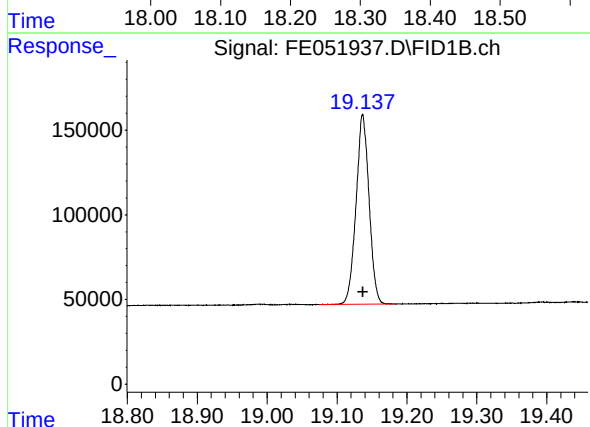
R.T.: 17.421 min
Delta R.T.: 0.000 min
Response: 1470091
Conc: 11.37 ug/ml



#17 n-Tricontane (C30)

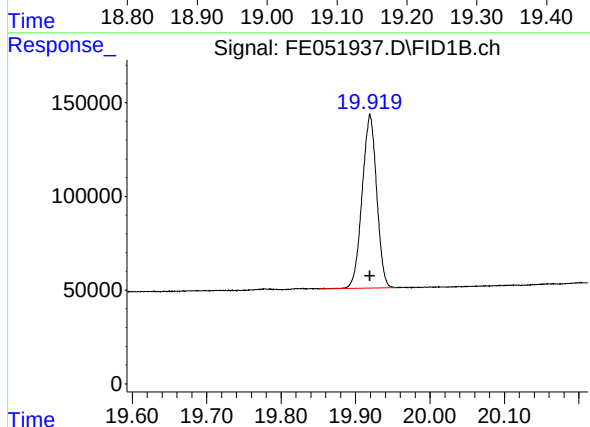
R.T.: 18.308 min
Delta R.T.: 0.000 min
Response: 1513971
Conc: 11.49 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



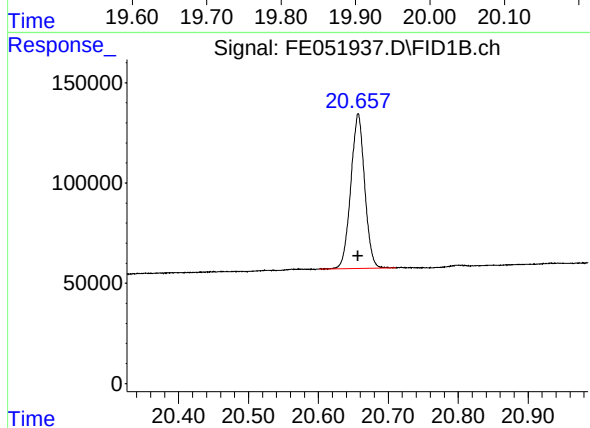
#18 n-Dotriacontane (C32)

R.T.: 19.137 min
Delta R.T.: 0.000 min
Response: 1452075
Conc: 11.55 ug/ml



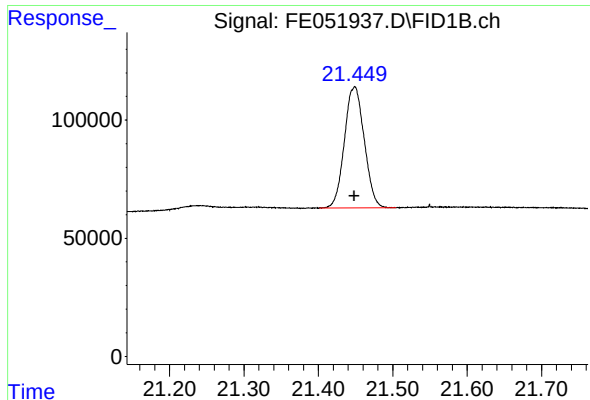
#19 n-Tetratriacontane (C34)

R.T.: 19.919 min
Delta R.T.: 0.000 min
Response: 1250460
Conc: 11.52 ug/ml



#20 n-Hexatriacontane (C36)

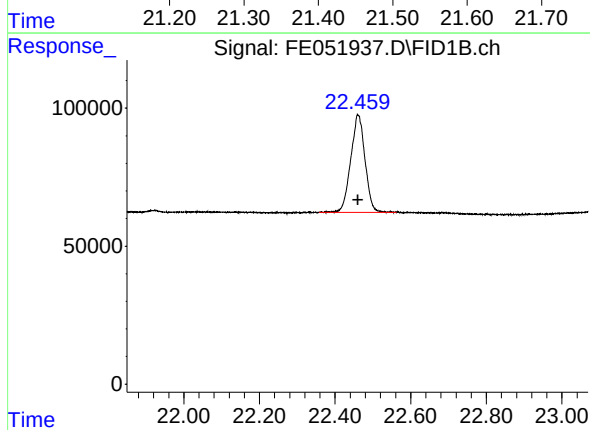
R.T.: 20.657 min
Delta R.T.: 0.000 min
Response: 1062364
Conc: 11.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.448 min
Delta R.T.: 0.000 min
Response: 949160
Conc: 11.24 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.461 min
Delta R.T.: 0.000 min
Response: 922101
Conc: 11.33 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
Data File : FE051937.D
Signal(s) : FID1B.ch
Acq On : 16 Jan 2025 15:11
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.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	3.615	3.578	3.658	BB	124963	1169611	74.44%	4.021%
2	4.851	4.821	4.911	BB	129066	1200716	76.42%	4.128%
3	6.554	6.521	6.614	BB	144701	1331181	84.72%	4.577%
4	6.995	6.961	7.058	BB	128421	1234275	78.55%	4.244%
5	7.641	7.594	7.711	BB	136147	1299684	82.71%	4.469%
6	8.813	8.784	8.874	BB	127331	1269290	80.78%	4.364%
7	10.414	10.378	10.461	BB	131253	1380055	87.83%	4.745%
8	11.853	11.808	11.911	BB	138066	1454258	92.55%	5.000%
9	12.183	12.124	12.241	BB	151959	1571297	100.00%	5.402%
10	13.160	13.118	13.214	BB	131209	1449146	92.23%	4.982%
11	13.606	13.571	13.664	BB	110460	1266075	80.58%	4.353%
12	13.770	13.731	13.808	BV	128117	1439669	91.62%	4.950%
13	14.355	14.321	14.421	BB	124390	1454866	92.59%	5.002%
14	15.455	15.418	15.524	BB	123405	1475347	93.89%	5.072%
15	16.473	16.434	16.521	BB	115411	1469535	93.52%	5.053%
16	17.421	17.361	17.484	BB	116507	1470091	93.56%	5.054%
17	18.308	18.241	18.351	BB	112112	1513971	96.35%	5.205%
18	19.137	19.074	19.184	BB	110919	1452075	92.41%	4.992%
19	19.919	19.851	19.954	BB	91896	1250460	79.58%	4.299%
20	20.657	20.601	20.711	BB	77230	1062364	67.61%	3.653%
21	21.448	21.401	21.504	BB	50955	949160	60.41%	3.263%
22	22.461	22.358	22.561	BB	35264	922101	58.68%	3.170%
Sum of corrected areas:							29085228	

Aliphatic EPH 011625.M Thu Jan 16 16:17:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051938.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 15:41
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 16 16:04:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:04:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.182	732082	5.122 ug/ml
Spiked Amount 50.000		Recovery =	10.24%
12) S 1-chlorooctadecane (S...	13.605	592794	5.168 ug/ml
Spiked Amount 50.000		Recovery =	10.34%
Target Compounds			
1) T n-Nonane (C9)	3.614	548563	5.145 ug/ml
2) T n-Decane (C10)	4.850	560395	5.119 ug/ml
3) T A~Naphthalene (C11.7)	6.554	619777	5.100 ug/ml
4) T n-Dodecane (C12)	6.994	574064	5.086 ug/ml
5) T A~2-methylnaphthalene...	7.640	600167	5.027 ug/ml
6) T n-Tetradecane (C14)	8.812	586267	5.041 ug/ml
7) T n-Hexadecane (C16)	10.414	641556	5.087 ug/ml
8) T n-Octadecane (C18)	11.852	679263	5.134 ug/ml
10) T n-Eicosane (C20)	13.159	677680	5.169 ug/ml
11) T n-Heneicosane (C21)	13.770	672300	5.165 ug/ml
13) T n-Docosane (C22)	14.354	679960	5.181 ug/ml
14) T n-Tetracosane (C24)	15.455	691759	5.208 ug/ml
15) T n-Hexacosane (C26)	16.474	693676	5.248 ug/ml
16) T n-Octacosane (C28)	17.420	713003	5.402 ug/ml
17) T n-Tricontane (C30)	18.305	774189	5.678 ug/ml
18) T n-Dotriacontane (C32)	19.136	762348	5.817 ug/ml
19) T n-Tetratriacontane (C34)	19.918	643760	5.718 ug/ml
20) T n-Hexatriacontane (C36)	20.656	530651	5.587 ug/ml
21) T n-Octatriacontane (C38)	21.450	471183	5.455 ug/ml
22) T n-Tetracontane (C40)	22.462	432480	5.248 ug/ml

(f)=RT Delta > 1/2 Window

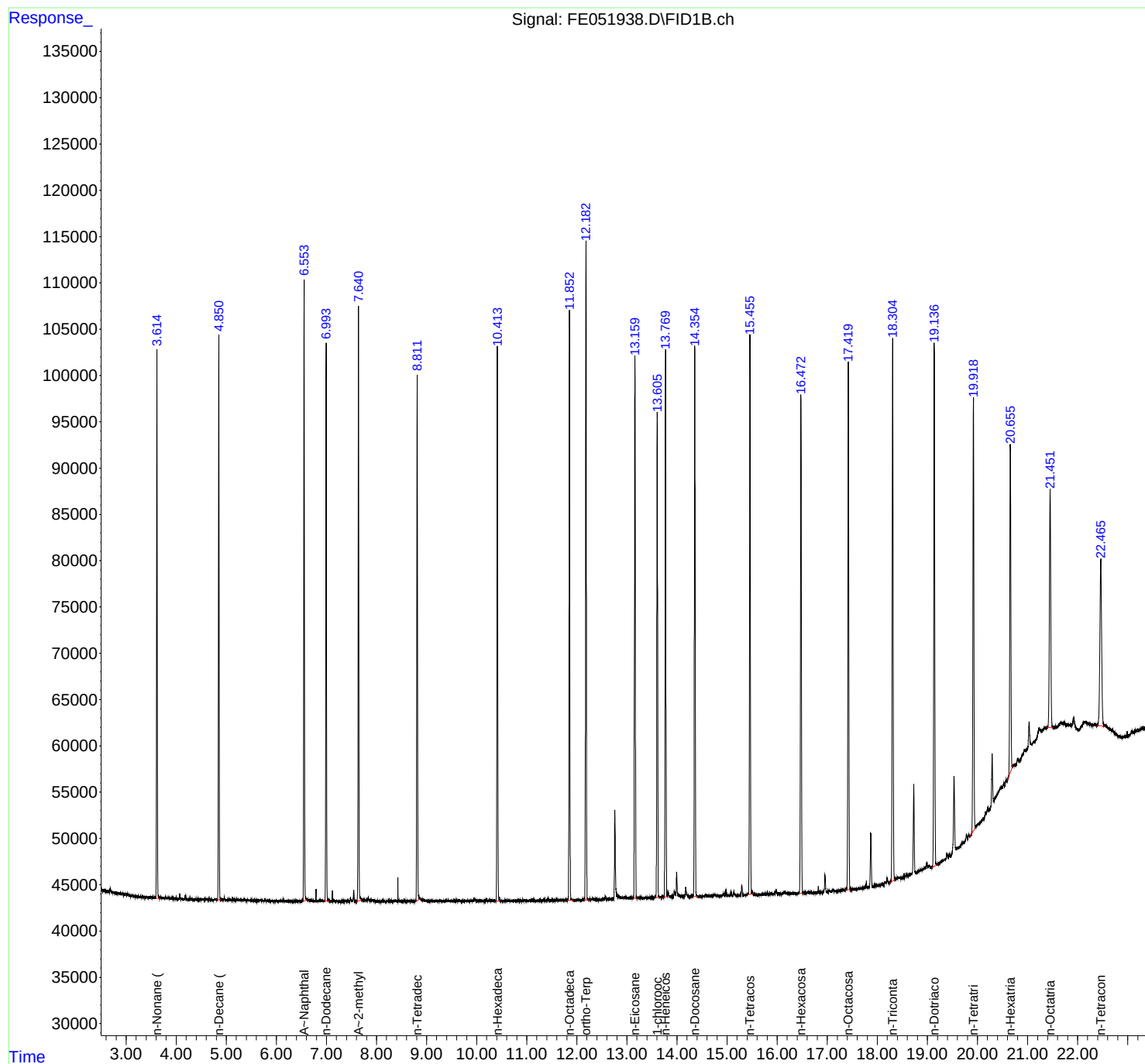
(m)=manual int.

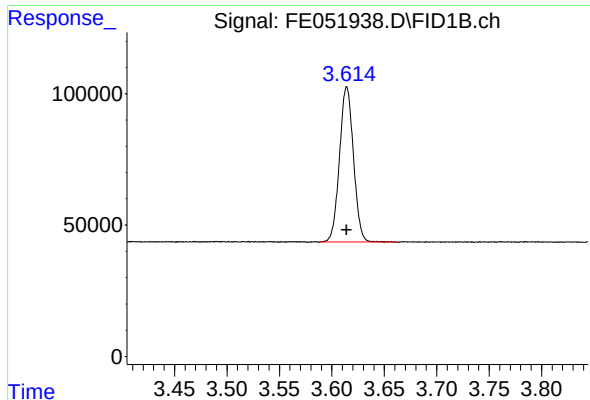
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
Data File : FE051938.D
Signal(s) : FID1B.ch
Acq On : 16 Jan 2025 15:41
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jan 16 16:04:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 16:04:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

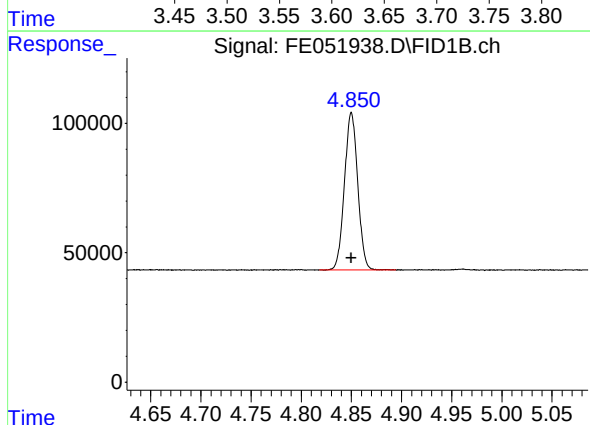




#1 n-Nonane (C9)

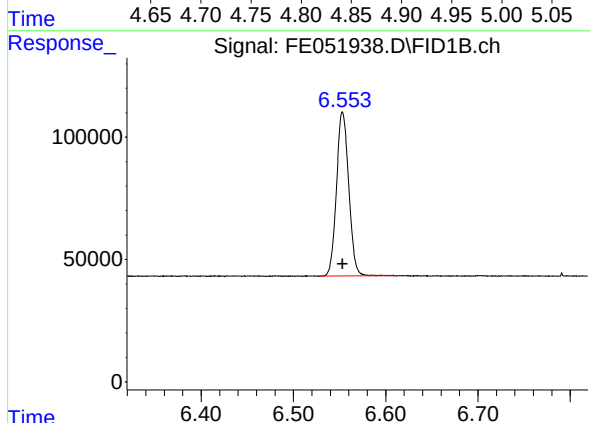
R.T.: 3.614 min
Delta R.T.: 0.000 min
Response: 548563
Conc: 5.15 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



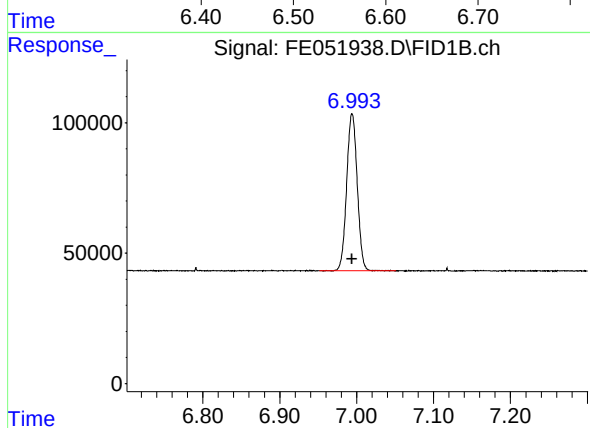
#2 n-Decane (C10)

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 560395
Conc: 5.12 ug/ml



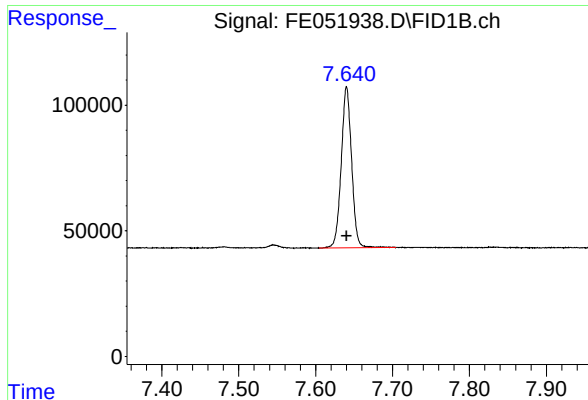
#3 A~Naphthalene (C11.7)

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 619777
Conc: 5.10 ug/ml



#4 n-Dodecane (C12)

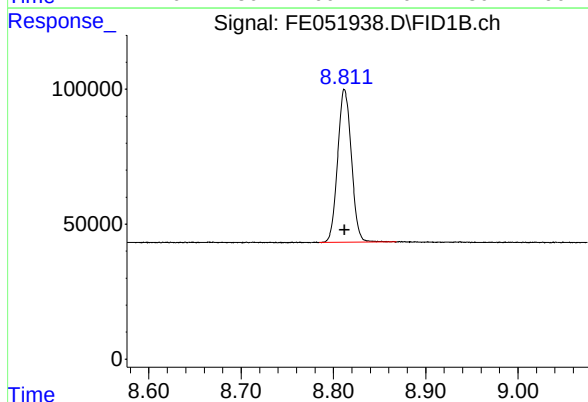
R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 574064
Conc: 5.09 ug/ml



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

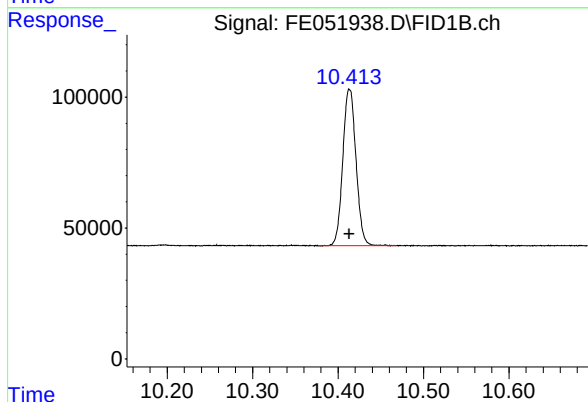
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 600167
Conc: 5.03 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



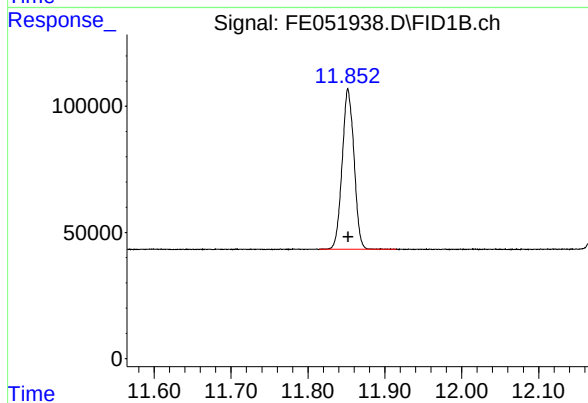
#6 n-Tetradecane (C14)

R.T.: 8.812 min
Delta R.T.: 0.000 min
Response: 586267
Conc: 5.04 ug/ml



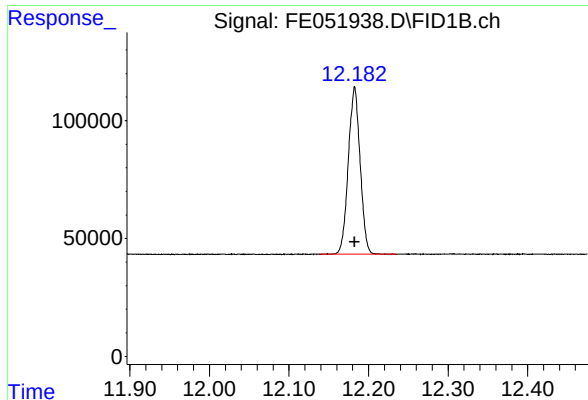
#7 n-Hexadecane (C16)

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 641556
Conc: 5.09 ug/ml



#8 n-Octadecane (C18)

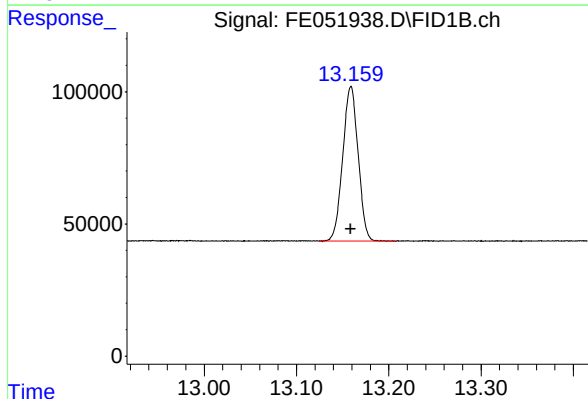
R.T.: 11.852 min
Delta R.T.: 0.000 min
Response: 679263
Conc: 5.13 ug/ml



#9 ortho-Terphenyl (SURR)

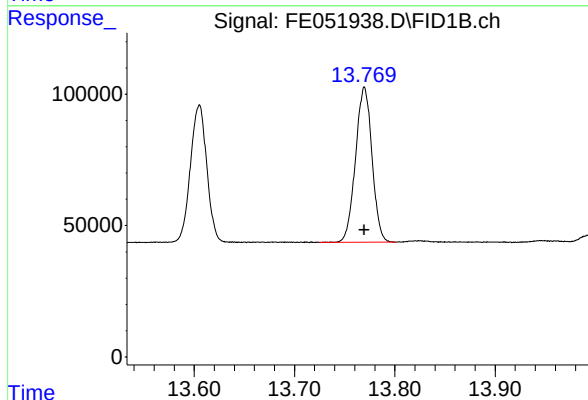
R.T.: 12.182 min
Delta R.T.: 0.000 min
Response: 732082
Conc: 5.12 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



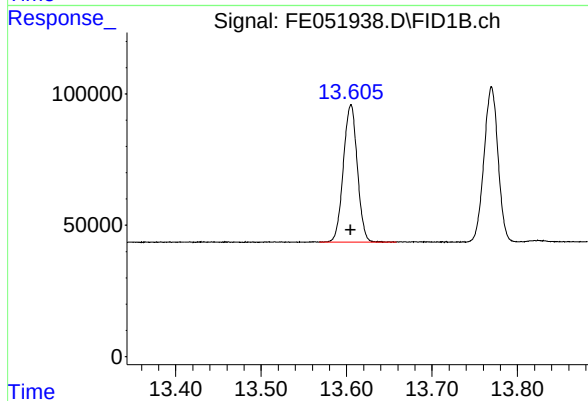
#10 n-Eicosane (C20)

R.T.: 13.159 min
Delta R.T.: 0.000 min
Response: 677680
Conc: 5.17 ug/ml



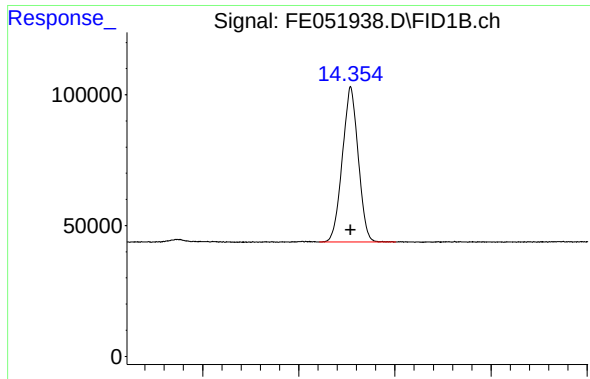
#11 n-Heneicosane (C21)

R.T.: 13.770 min
Delta R.T.: 0.000 min
Response: 672300
Conc: 5.17 ug/ml



#12 1-chlorooctadecane (SURR)

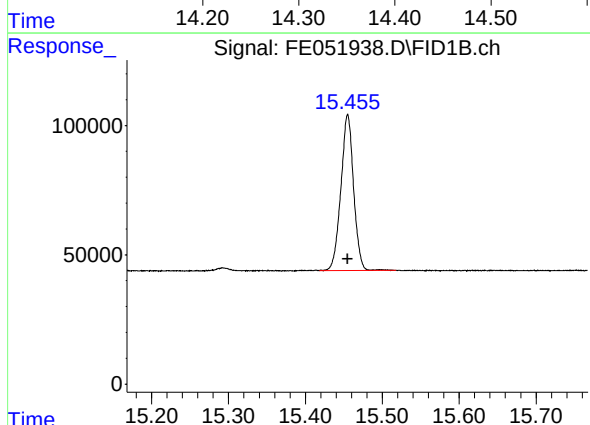
R.T.: 13.605 min
Delta R.T.: 0.000 min
Response: 592794
Conc: 5.17 ug/ml



#13 n-Docosane (C22)

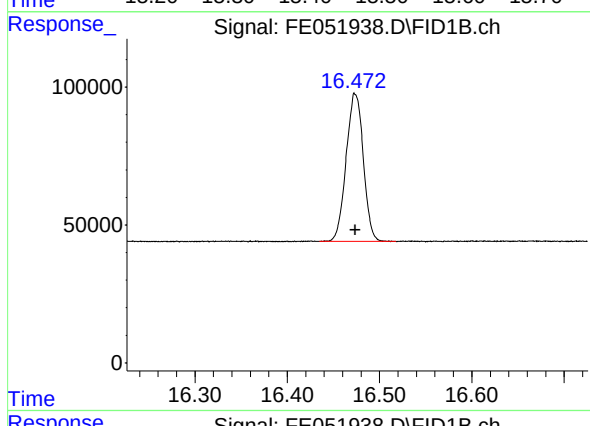
R.T.: 14.354 min
Delta R.T.: 0.000 min
Response: 679960
Conc: 5.18 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



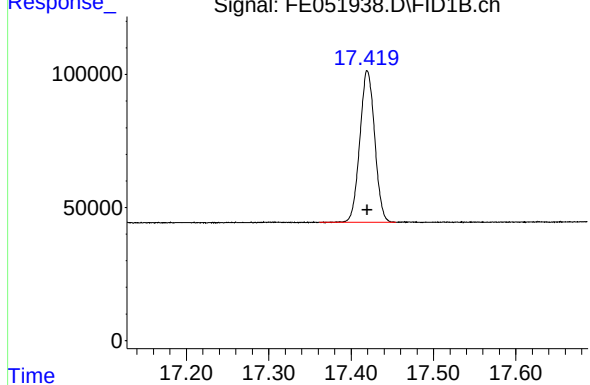
#14 n-Tetracosane (C24)

R.T.: 15.455 min
Delta R.T.: 0.000 min
Response: 691759
Conc: 5.21 ug/ml



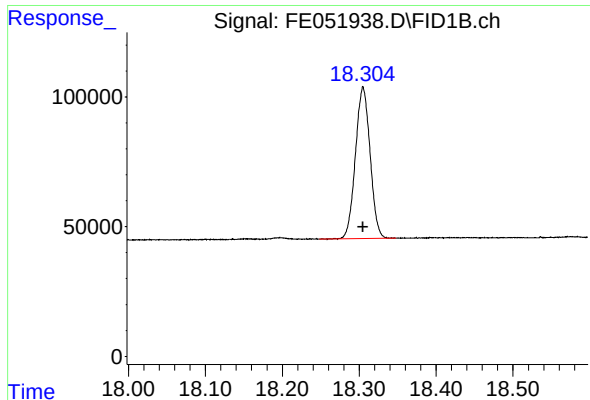
#15 n-Hexacosane (C26)

R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 693676
Conc: 5.25 ug/ml



#16 n-Octacosane (C28)

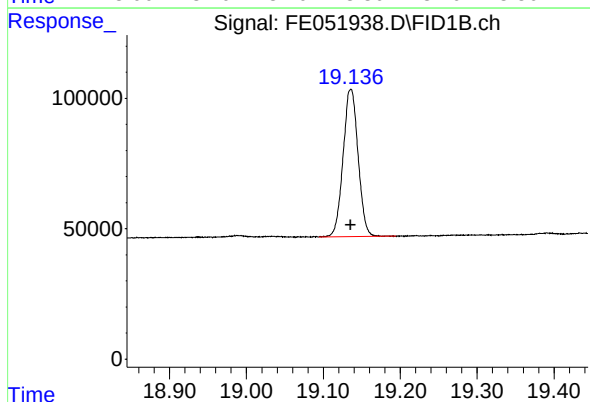
R.T.: 17.420 min
Delta R.T.: 0.000 min
Response: 713003
Conc: 5.40 ug/ml



#17 n-Tricontane (C30)

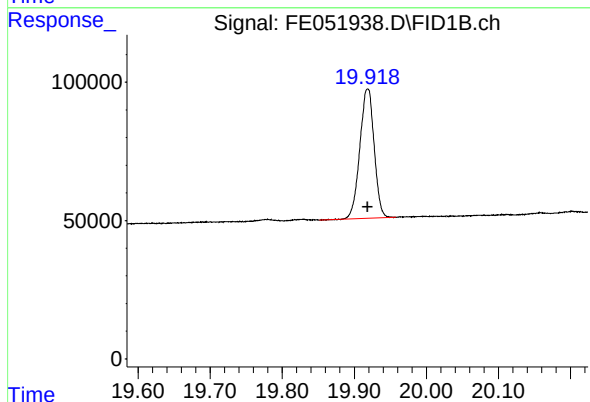
R.T.: 18.305 min
Delta R.T.: 0.000 min
Response: 774189
Conc: 5.68 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



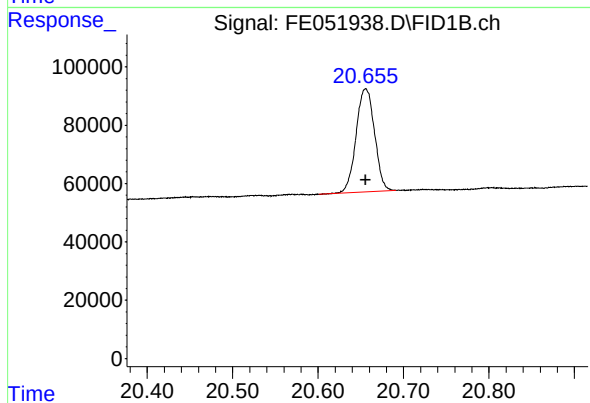
#18 n-Dotriacontane (C32)

R.T.: 19.136 min
Delta R.T.: 0.000 min
Response: 762348
Conc: 5.82 ug/ml



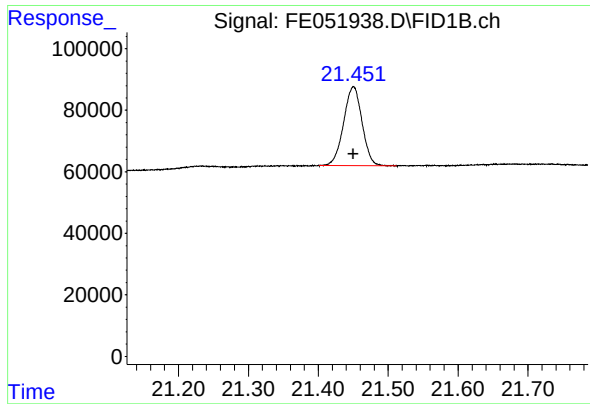
#19 n-Tetratriacontane (C34)

R.T.: 19.918 min
Delta R.T.: 0.000 min
Response: 643760
Conc: 5.72 ug/ml



#20 n-Hexatriacontane (C36)

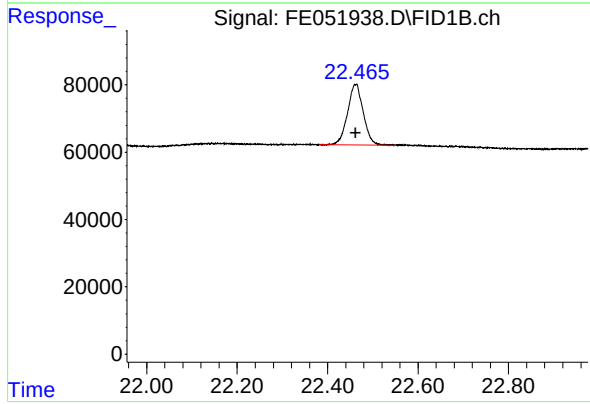
R.T.: 20.656 min
Delta R.T.: 0.000 min
Response: 530651
Conc: 5.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.450 min
Delta R.T.: 0.000 min
Response: 471183
Conc: 5.45 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.462 min
Delta R.T.: 0.000 min
Response: 432480
Conc: 5.25 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051938.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 15:41
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.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	3.614	3.588	3.661	BB	59082	548563	70.86%	3.953%
2	4.850	4.818	4.895	BB	60518	560395	72.38%	4.038%
3	6.554	6.528	6.611	BB	66002	619777	80.05%	4.466%
4	6.994	6.951	7.051	BB	60271	574064	74.15%	4.137%
5	7.640	7.605	7.705	BB	63780	600167	77.52%	4.325%
6	8.812	8.785	8.868	BB	56801	586267	75.73%	4.224%
7	10.414	10.378	10.468	BB	60118	641556	82.87%	4.623%
8	11.852	11.815	11.915	BB	63114	679263	87.74%	4.895%
9	12.182	12.138	12.235	BB	69320	732082	94.56%	5.275%
10	13.159	13.125	13.208	BB	58162	677680	87.53%	4.883%
11	13.605	13.568	13.658	BB	52143	592794	76.57%	4.271%
12	13.770	13.725	13.801	BV	58646	672300	86.84%	4.844%
13	14.354	14.321	14.401	BB	59126	679960	87.83%	4.900%
14	15.455	15.418	15.518	BB	60311	691759	89.35%	4.985%
15	16.474	16.435	16.518	BB	53354	693676	89.60%	4.998%
16	17.420	17.361	17.455	BB	56532	713003	92.10%	5.138%
17	18.305	18.248	18.348	BB	58201	774189	100.00%	5.579%
18	19.136	19.095	19.195	BB	56792	762348	98.47%	5.493%
19	19.918	19.851	19.958	BB	46962	643760	83.15%	4.639%
20	20.656	20.601	20.691	BB	35392	530651	68.54%	3.824%
21	21.450	21.401	21.511	BB	25744	471183	60.86%	3.395%
22	22.462	22.381	22.551	BB	17940	432480	55.86%	3.116%
Sum of corrected areas:							13877917	

Aliphatic EPH 011625.M Thu Jan 16 16:17:30 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051939.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 16:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jan 16 16:33:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.183	2684843	18.785 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
12) S 1-chlorooctadecane (S...	13.605	2147483	18.720 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
Target Compounds			
1) T n-Nonane (C9)	3.613	2023169	18.977 ug/ml
2) T n-Decane (C10)	4.850	2077238	18.974 ug/ml
3) T A~Naphthalene (C11.7)	6.553	2307662	18.991 ug/ml
4) T n-Dodecane (C12)	6.994	2134334	18.910 ug/ml
5) T A~2-methylnaphthalene...	7.640	2269208	19.008 ug/ml
6) T n-Tetradecane (C14)	8.813	2195885	18.880 ug/ml
7) T n-Hexadecane (C16)	10.414	2369059	18.784 ug/ml
8) T n-Octadecane (C18)	11.852	2479792	18.743 ug/ml
10) T n-Eicosane (C20)	13.159	2451982	18.704 ug/ml
11) T n-Heneicosane (C21)	13.769	2438625	18.735 ug/ml
13) T n-Docosane (C22)	14.354	2455050	18.707 ug/ml
14) T n-Tetracosane (C24)	15.455	2491182	18.755 ug/ml
15) T n-Hexacosane (C26)	16.473	2474604	18.721 ug/ml
16) T n-Octacosane (C28)	17.421	2440386	18.490 ug/ml
17) T n-Tricontane (C30)	18.306	2464193	18.074 ug/ml
18) T n-Dotriacontane (C32)	19.136	2348268	17.918 ug/ml
19) T n-Tetratriacontane (C34)	19.918	2034540	18.071 ug/ml
20) T n-Hexatriacontane (C36)	20.655	1738778	18.306 ug/ml
21) T n-Octatriacontane (C38)	21.448	1619256	18.745 ug/ml
22) T n-Tetracontane (C40)	22.458	1538238	18.666 ug/ml

(f)=RT Delta > 1/2 Window

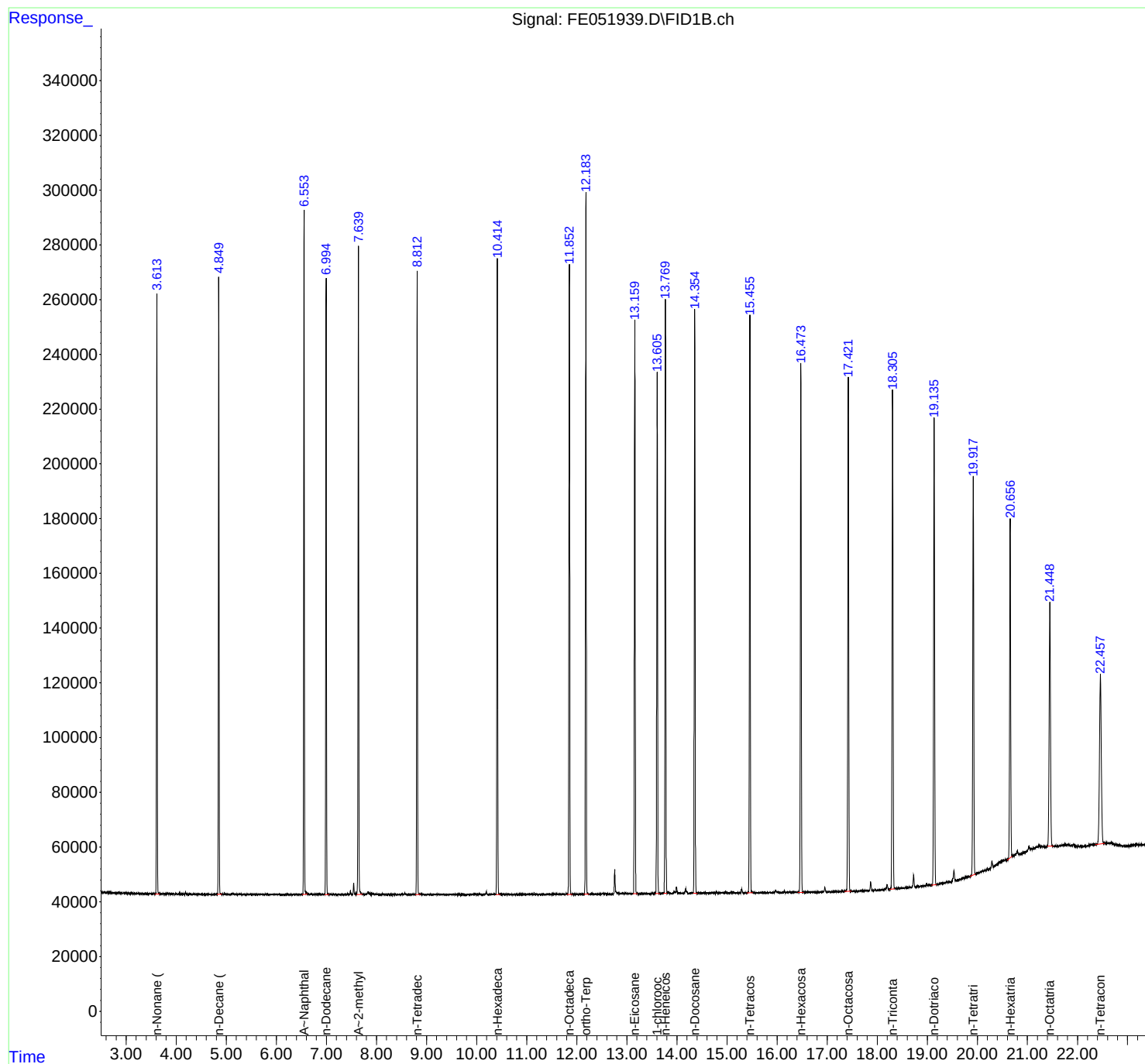
(m)=manual int.

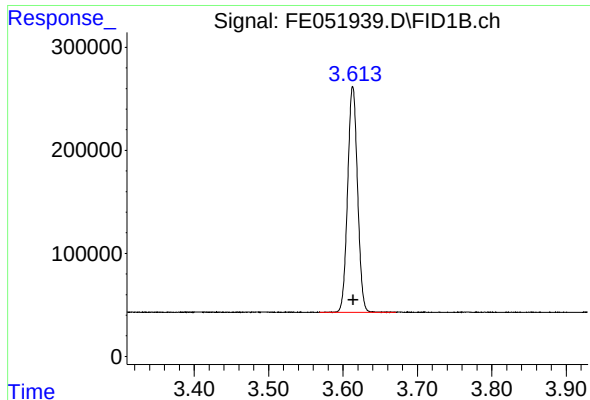
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
Data File : FE051939.D
Signal(s) : FID1B.ch
Acq On : 16 Jan 2025 16:12
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jan 16 16:33:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 16:05:07 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)

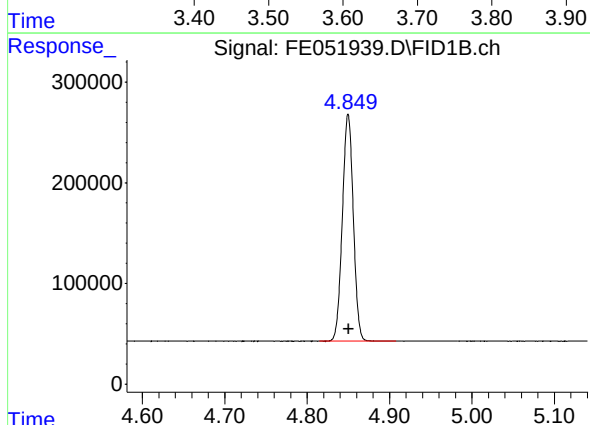
R.T.: 3.613 min
Delta R.T.: 0.000 min
Response: 2023169
Conc: 18.98 ug/ml

Instrument :

FID_E

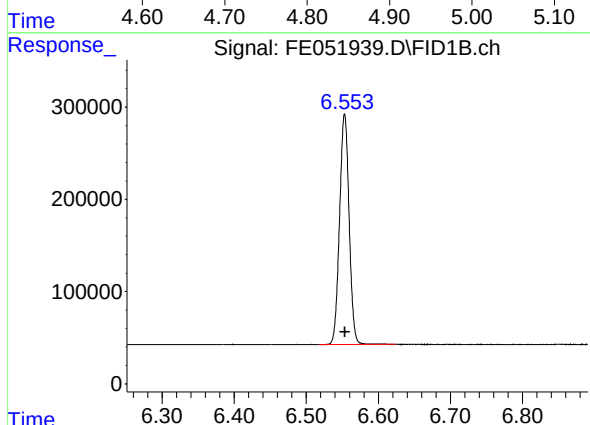
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



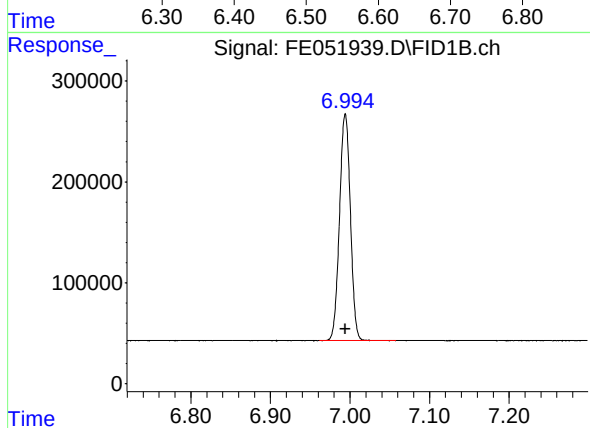
#2 n-Decane (C10)

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 2077238
Conc: 18.97 ug/ml



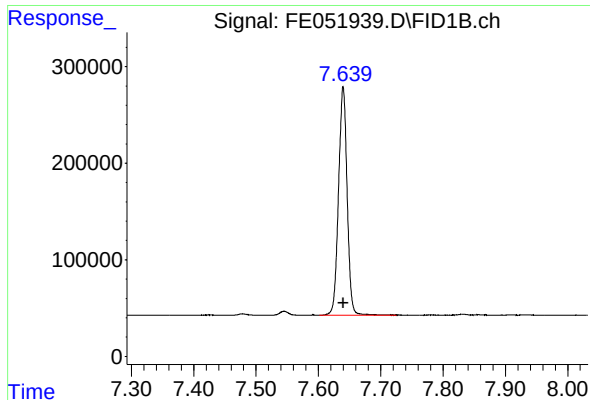
#3 A~Naphthalene (C11.7)

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 2307662
Conc: 18.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 2134334
Conc: 18.91 ug/ml



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

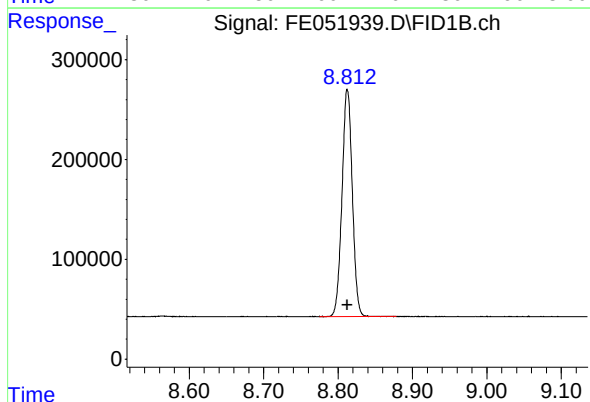
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 2269208
Conc: 19.01 ug/ml

Instrument :

FID_E

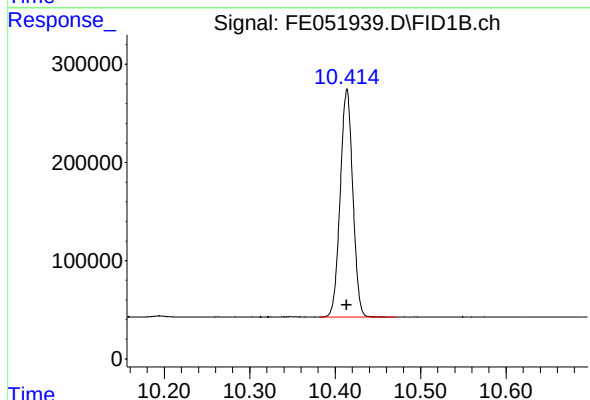
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



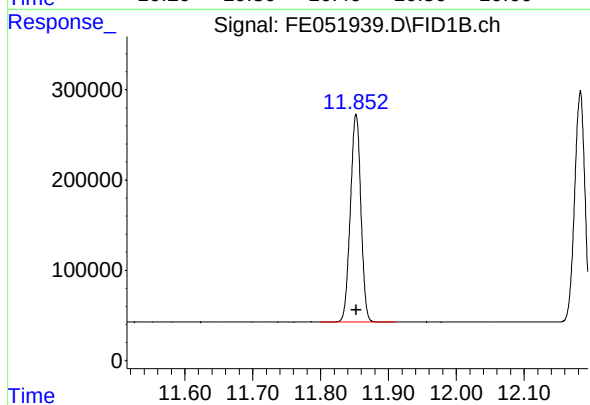
#6 n-Tetradecane (C14)

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 2195885
Conc: 18.88 ug/ml



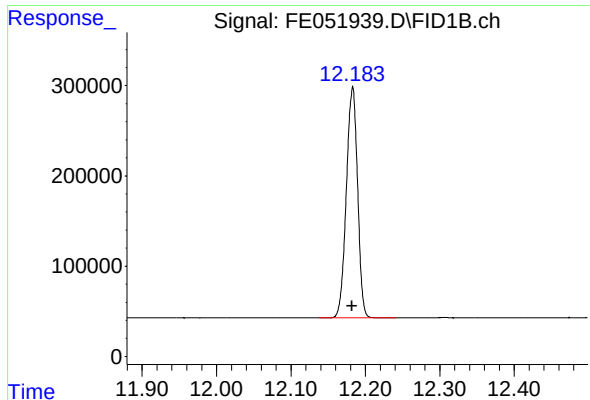
#7 n-Hexadecane (C16)

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 2369059
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.852 min
Delta R.T.: 0.000 min
Response: 2479792
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

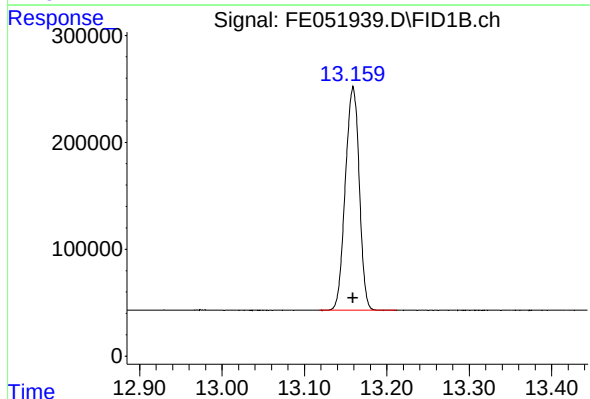
R.T.: 12.183 min
Delta R.T.: 0.000 min
Response: 2684843
Conc: 18.78 ug/ml

Instrument :

FID_E

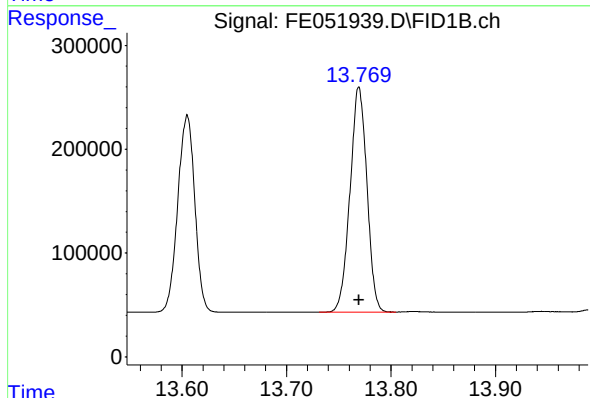
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



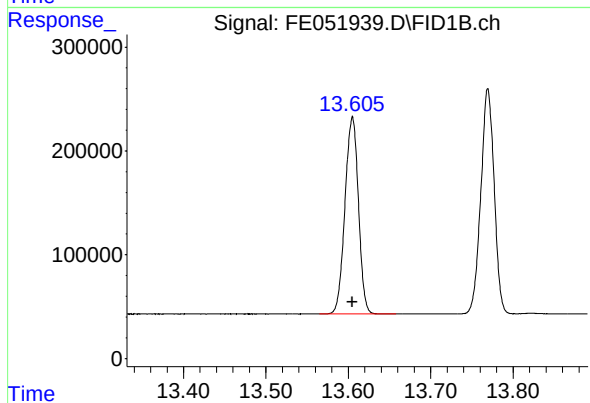
#10 n-Eicosane (C20)

R.T.: 13.159 min
Delta R.T.: 0.000 min
Response: 2451982
Conc: 18.70 ug/ml



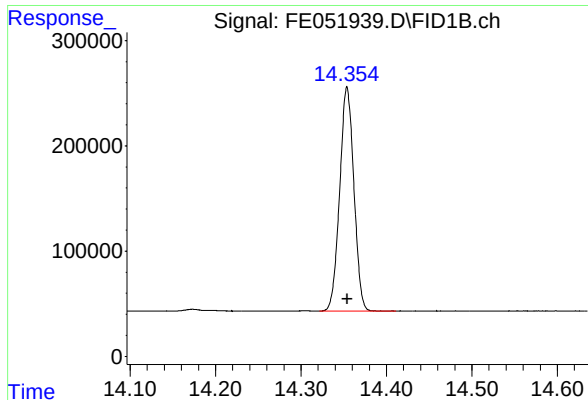
#11 n-Heneicosane (C21)

R.T.: 13.769 min
Delta R.T.: 0.000 min
Response: 2438625
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

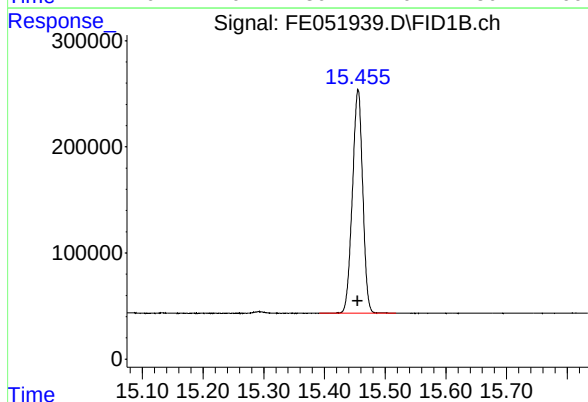
R.T.: 13.605 min
Delta R.T.: 0.000 min
Response: 2147483
Conc: 18.72 ug/ml



#13 n-Docosane (C22)

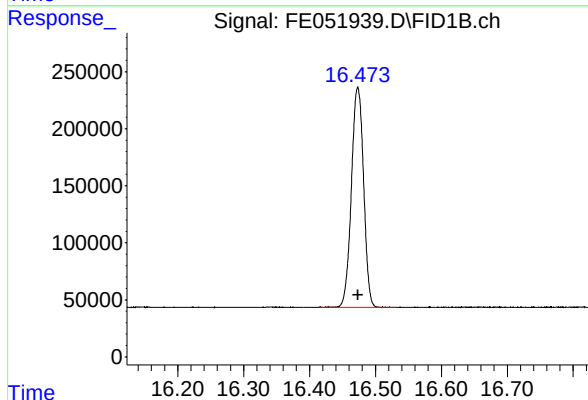
R.T.: 14.354 min
Delta R.T.: 0.000 min
Response: 2455050
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



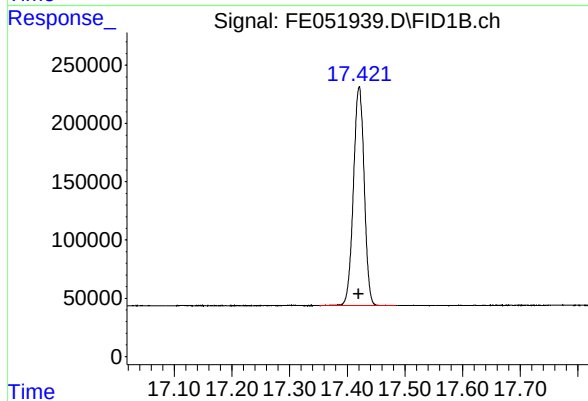
#14 n-Tetracosane (C24)

R.T.: 15.455 min
Delta R.T.: 0.000 min
Response: 2491182
Conc: 18.75 ug/ml



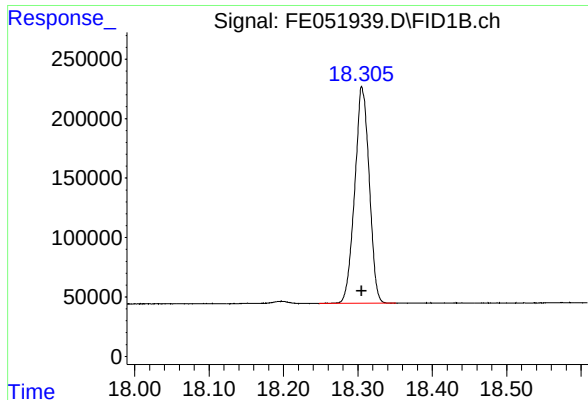
#15 n-Hexacosane (C26)

R.T.: 16.473 min
Delta R.T.: 0.000 min
Response: 2474604
Conc: 18.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.421 min
Delta R.T.: 0.000 min
Response: 2440386
Conc: 18.49 ug/ml



#17 n-Tricontane (C30)

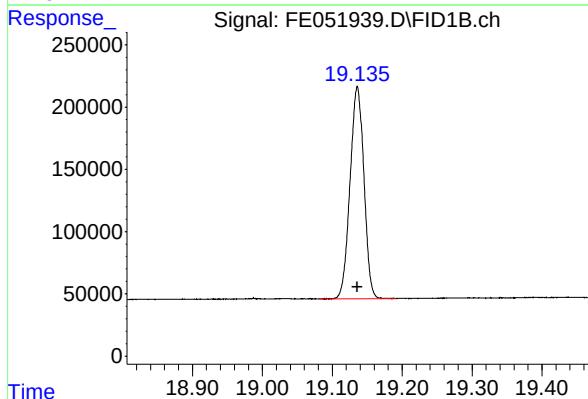
R.T.: 18.306 min
Delta R.T.: 0.000 min
Response: 2464193
Conc: 18.07 ug/ml

Instrument :

FID_E

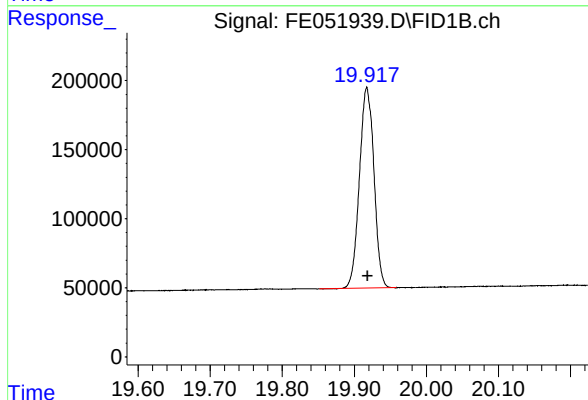
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



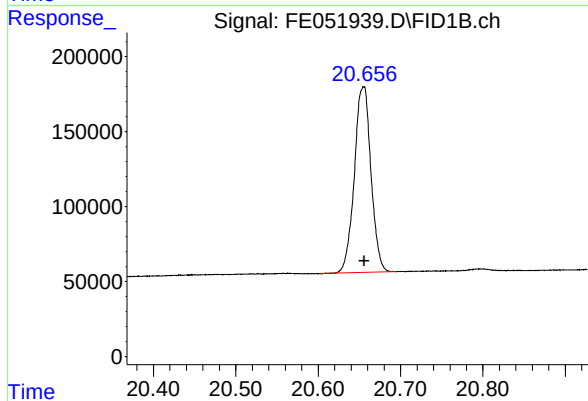
#18 n-Dotriacontane (C32)

R.T.: 19.136 min
Delta R.T.: 0.000 min
Response: 2348268
Conc: 17.92 ug/ml



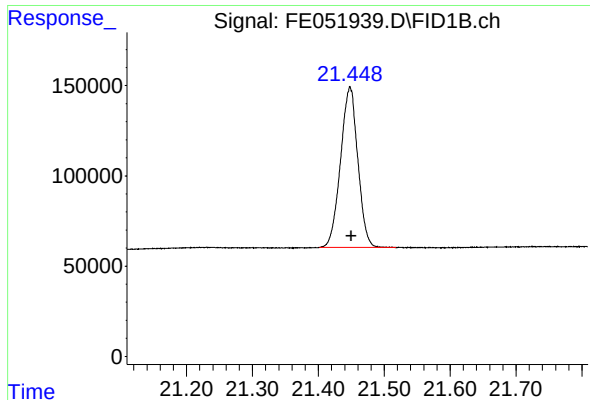
#19 n-Tetatriacontane (C34)

R.T.: 19.918 min
Delta R.T.: 0.000 min
Response: 2034540
Conc: 18.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.655 min
Delta R.T.: -0.001 min
Response: 1738778
Conc: 18.31 ug/ml



#21 n-Octatriacontane (C38)

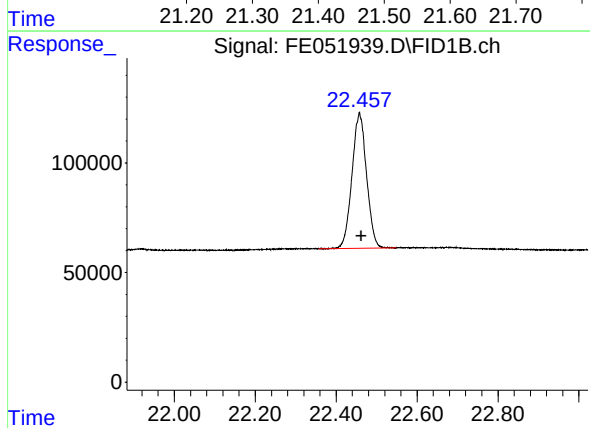
R.T.: 21.448 min
Delta R.T.: -0.002 min
Response: 1619256
Conc: 18.75 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.458 min
Delta R.T.: -0.004 min
Response: 1538238
Conc: 18.67 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
Data File : FE051939.D
Signal(s) : FID1B.ch
Acq On : 16 Jan 2025 16:12
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.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	3.613	3.568	3.671	BB	218302	2023169	75.36%	4.113%
2	4.850	4.815	4.908	BB	225007	2077238	77.37%	4.223%
3	6.553	6.518	6.625	BB	249302	2307662	85.95%	4.692%
4	6.994	6.961	7.058	BB	224724	2134334	79.50%	4.340%
5	7.640	7.601	7.725	BB	235884	2269208	84.52%	4.614%
6	8.813	8.775	8.878	BB	227800	2195885	81.79%	4.465%
7	10.414	10.381	10.471	BB	231998	2369059	88.24%	4.817%
8	11.852	11.798	11.911	BB	229770	2479792	92.36%	5.042%
9	12.183	12.138	12.241	BB	251629	2684843	100.00%	5.459%
10	13.159	13.118	13.211	BB	207417	2451982	91.33%	4.985%
11	13.605	13.565	13.658	BB	189002	2147483	79.99%	4.366%
12	13.769	13.731	13.805	BV	216511	2438625	90.83%	4.958%
13	14.354	14.321	14.411	BB	211555	2455050	91.44%	4.992%
14	15.455	15.391	15.518	BB	210118	2491182	92.79%	5.065%
15	16.473	16.415	16.531	BB	192380	2474604	92.17%	5.031%
16	17.421	17.351	17.485	BB	188156	2440386	90.89%	4.962%
17	18.306	18.248	18.351	BB	182995	2464193	91.78%	5.010%
18	19.136	19.081	19.191	BB	169511	2348268	87.46%	4.774%
19	19.918	19.851	19.958	BB	144563	2034540	75.78%	4.137%
20	20.655	20.601	20.695	BB	123687	1738778	64.76%	3.535%
21	21.448	21.401	21.518	BB	88828	1619256	60.31%	3.292%
22	22.458	22.358	22.548	BB	61864	1538238	57.29%	3.128%
Sum of corrected areas:							49183774	

Aliphatic EPH 011625.M Thu Jan 16 16:36:10 2025