

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111124AL\
 Data File : FG014741.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2024 19:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 11 20:52:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:49:54 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)	11.949	3129968	20.421 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	13.389	2434273	19.825 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
Target Compounds			
1) T n-Nonane (C9)	3.322	2740501	21.176 ug/ml
2) T n-Decane (C10)	4.573	2795307	21.214 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3025730	21.093 ug/ml
4) T n-Dodecane (C12)	6.743	2830735	21.309 ug/ml
5) T A~2-methylnaphthalene...	7.375	2937328	21.055 ug/ml
6) T n-Tetradecane (C14)	8.574	2826112	21.300 ug/ml
7) T n-Hexadecane (C16)	10.185	2928325	21.073 ug/ml
8) T n-Octadecane (C18)	11.632	2964341	20.707 ug/ml
10) T n-Eicosane (C20)	12.944	2844416	20.227 ug/ml
11) T n-Heneicosane (C21)	13.557	2793611	19.959 ug/ml
13) T n-Docosane (C22)	14.144	2763461	19.645 ug/ml
14) T n-Tetracosane (C24)	15.249	2705049	19.010 ug/ml
15) T n-Hexacosane (C26)	16.271	2604997	18.455 ug/ml
16) T n-Octacosane (C28)	17.221	2513853	18.189 ug/ml
17) T n-Tricontane (C30)	18.110	2541702	18.338 ug/ml
18) T n-Dotriacontane (C32)	18.942	2418404	18.472 ug/ml
19) T n-Tetratriacontane (C34)	19.727	2093503	18.704 ug/ml
20) T n-Hexatriacontane (C36)	20.468	1795373	19.289 ug/ml
21) T n-Octatriacontane (C38)	21.217	1690062	20.229 ug/ml
22) T n-Tetracontane (C40)	22.151	1663716	21.879 ug/ml

(f)=RT Delta > 1/2 Window

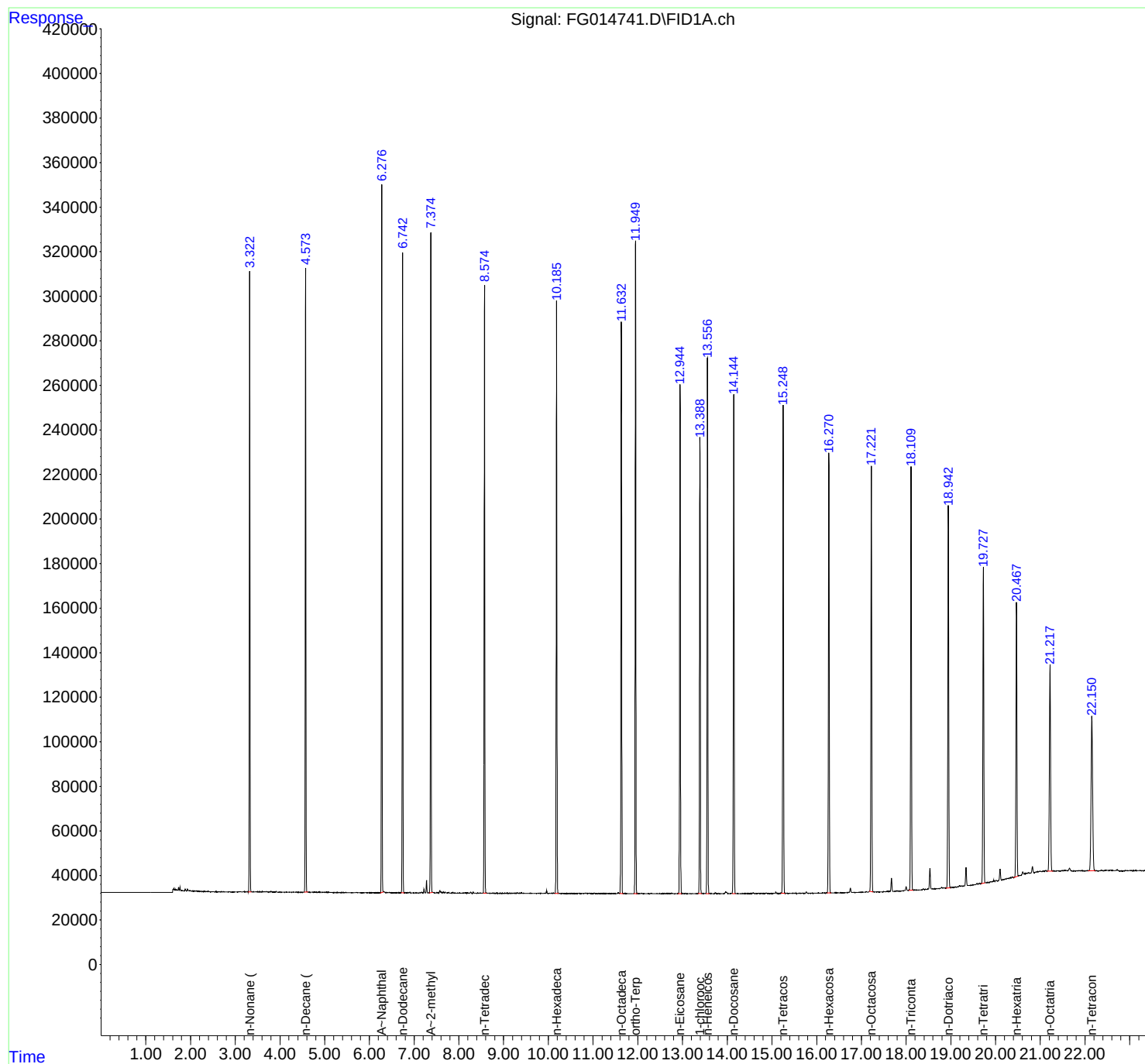
(m)=manual int.

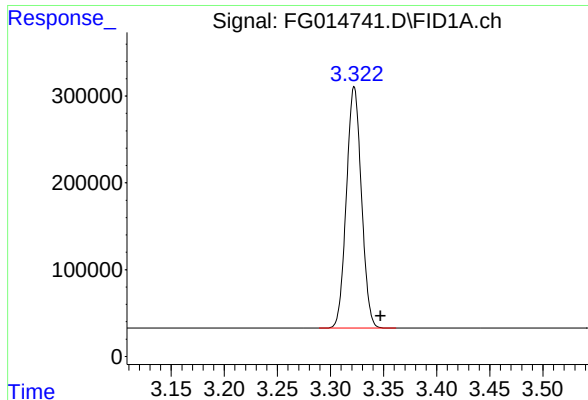
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111124AL\
Data File : FG014741.D
Signal(s) : FID1A.ch
Acq On : 11 Nov 2024 19:20
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Nov 11 20:52:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 06:49:54 2024
Response via : Initial Calibration
Integrator: ChemStation

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

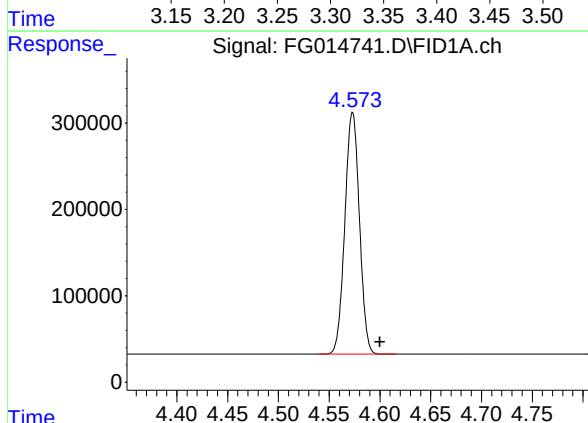




#1 n-Nonane (C9)

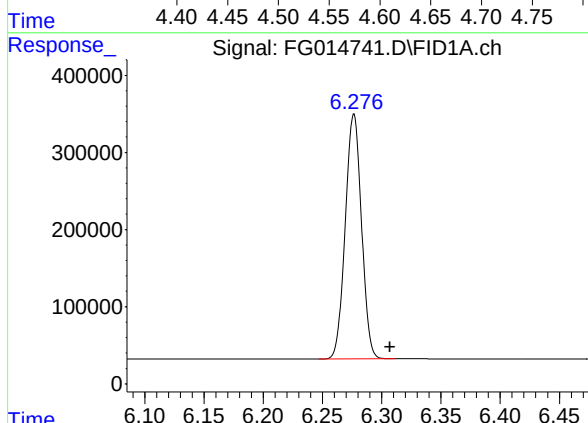
R.T.: 3.322 min
Delta R.T.: -0.025 min
Response: 2740501
Conc: 21.18 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



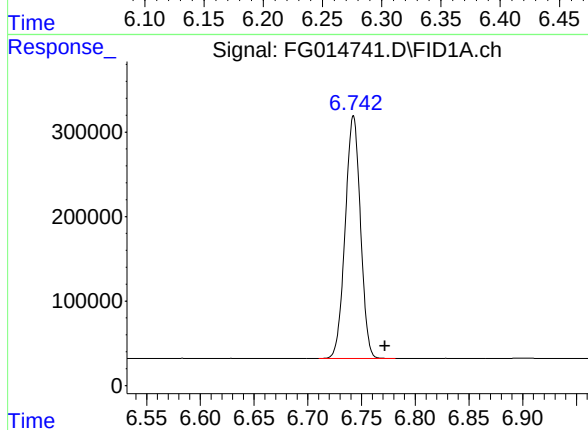
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: -0.027 min
Response: 2795307
Conc: 21.21 ug/ml



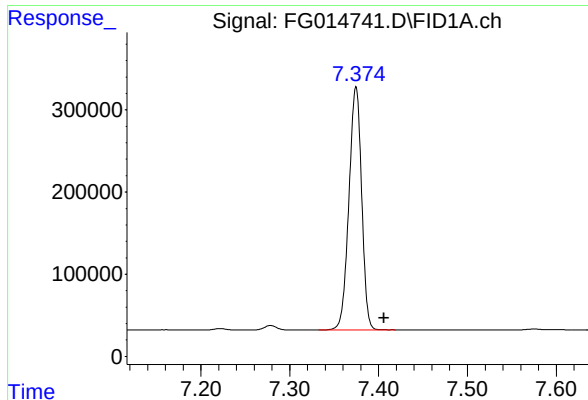
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.031 min
Response: 3025730
Conc: 21.09 ug/ml



#4 n-Dodecane (C12)

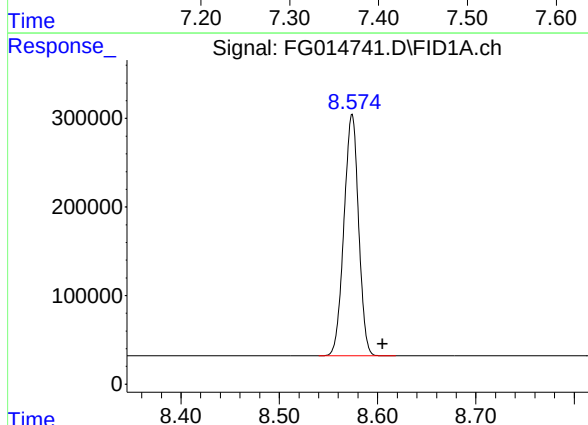
R.T.: 6.743 min
Delta R.T.: -0.029 min
Response: 2830735
Conc: 21.31 ug/ml



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

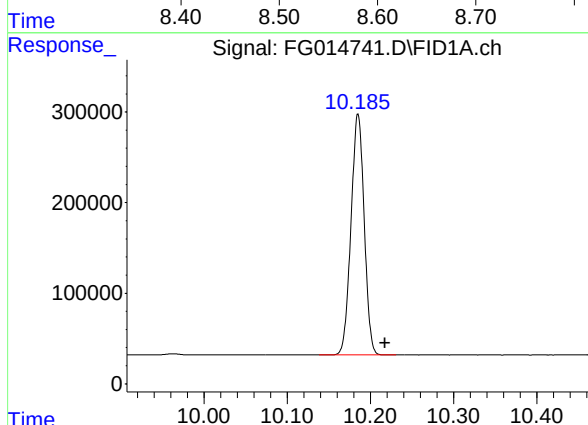
R.T.: 7.375 min
Delta R.T.: -0.031 min
Response: 2937328
Conc: 21.05 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



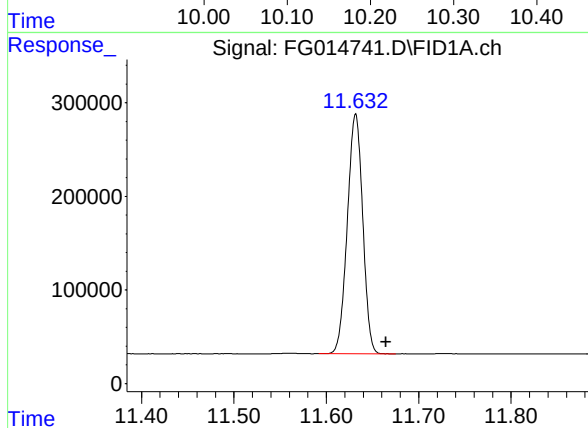
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: -0.031 min
Response: 2826112
Conc: 21.30 ug/ml



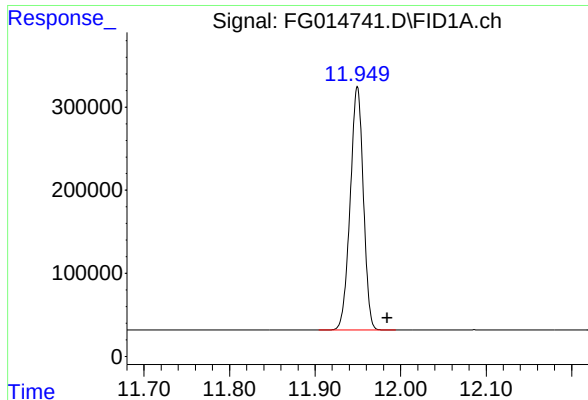
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.032 min
Response: 2928325
Conc: 21.07 ug/ml



#8 n-Octadecane (C18)

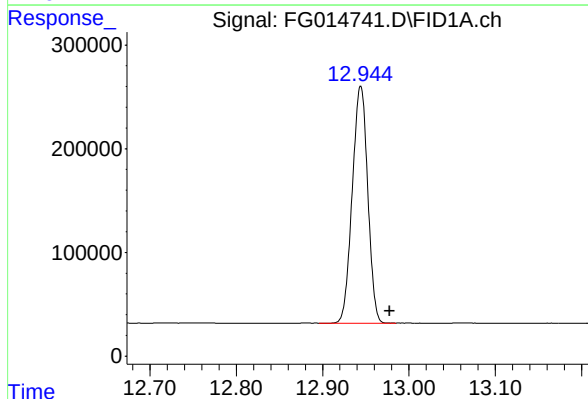
R.T.: 11.632 min
Delta R.T.: -0.033 min
Response: 2964341
Conc: 20.71 ug/ml



#9 ortho-Terphenyl (SURR)

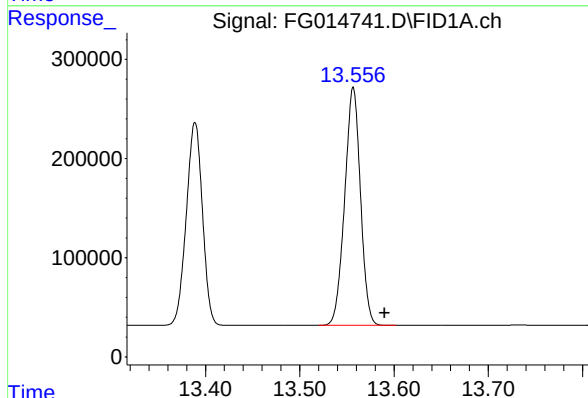
R.T.: 11.949 min
Delta R.T.: -0.035 min
Response: 3129968
Conc: 20.42 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



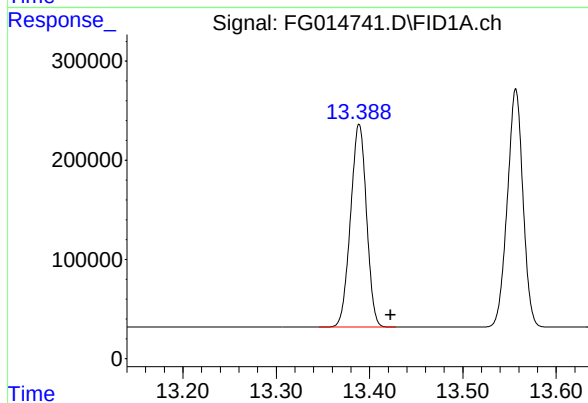
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.033 min
Response: 2844416
Conc: 20.23 ug/ml



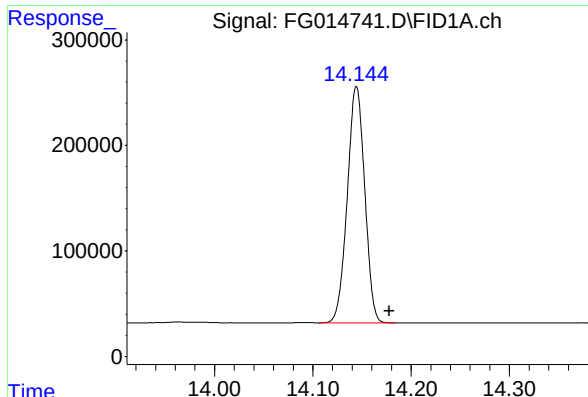
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.033 min
Response: 2793611
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

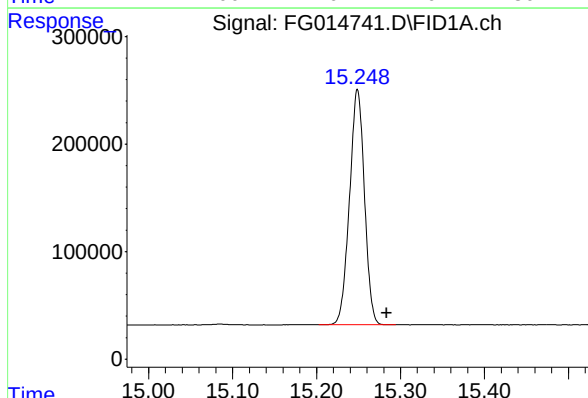
R.T.: 13.389 min
Delta R.T.: -0.034 min
Response: 2434273
Conc: 19.82 ug/ml



#13 n-Docosane (C22)

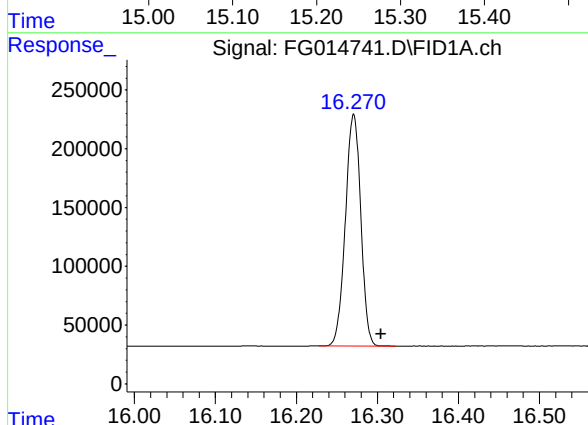
R.T.: 14.144 min
Delta R.T.: -0.034 min
Response: 2763461
Conc: 19.64 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



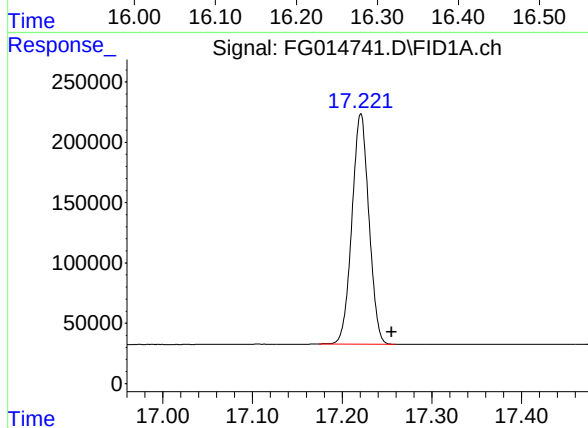
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.035 min
Response: 2705049
Conc: 19.01 ug/ml



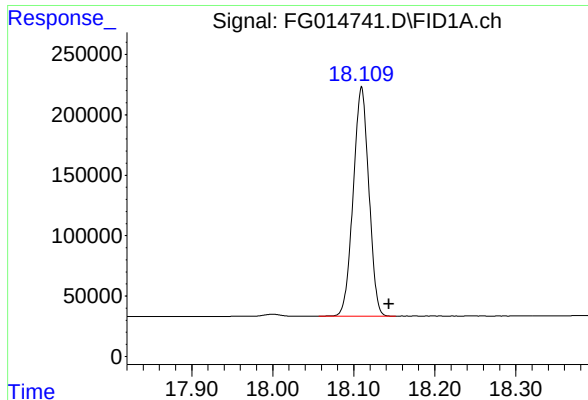
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.033 min
Response: 2604997
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

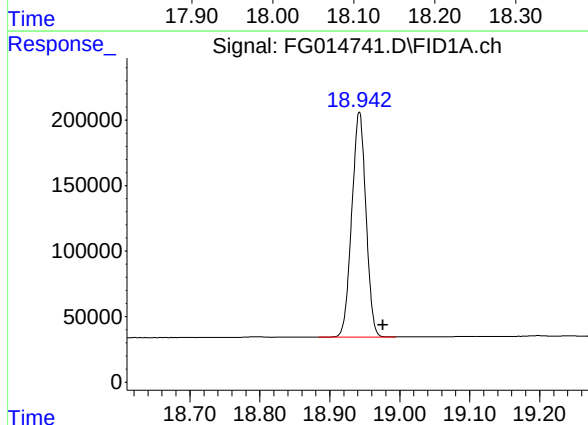
R.T.: 17.221 min
Delta R.T.: -0.034 min
Response: 2513853
Conc: 18.19 ug/ml



#17 n-Tricontane (C30)

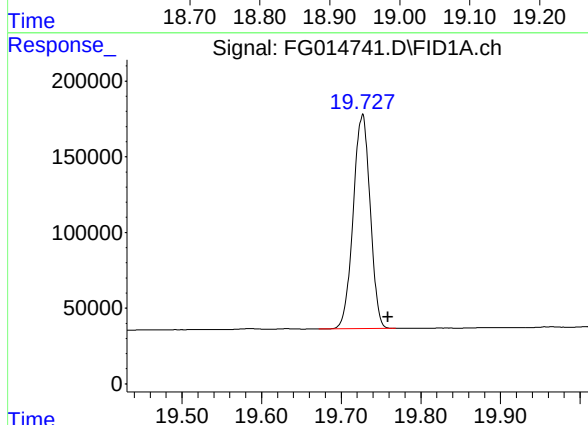
R.T.: 18.110 min
Delta R.T.: -0.034 min
Response: 2541702
Conc: 18.34 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



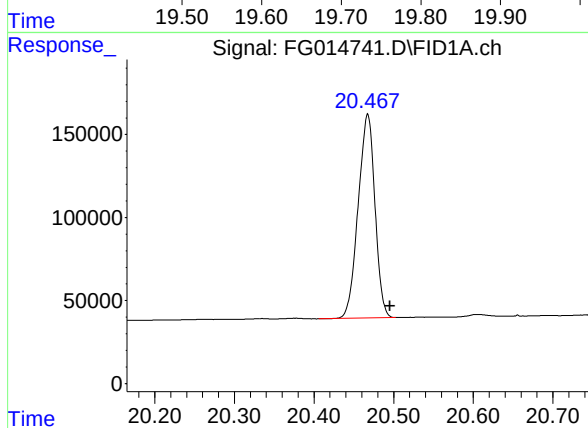
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.034 min
Response: 2418404
Conc: 18.47 ug/ml



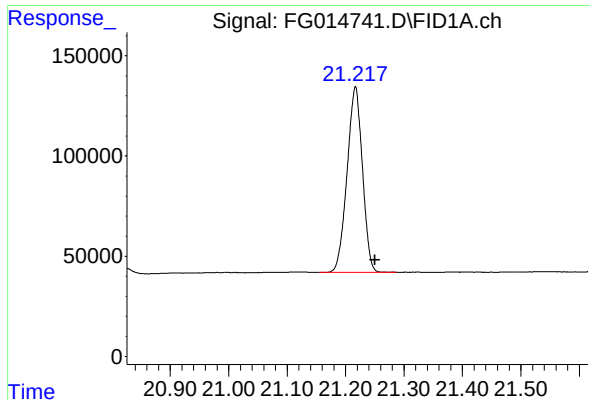
#19 n-Tetatriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.031 min
Response: 2093503
Conc: 18.70 ug/ml



#20 n-Hexatriacontane (C36)

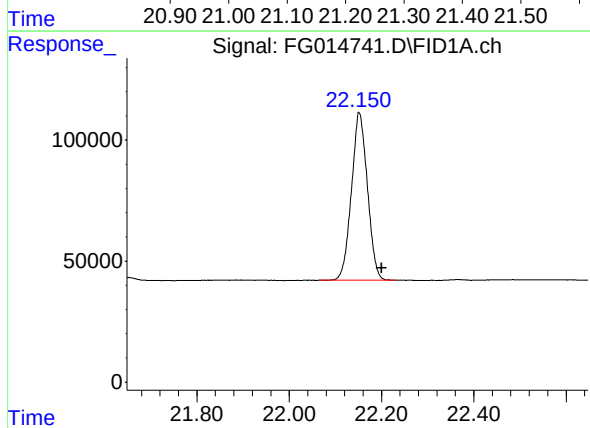
R.T.: 20.468 min
Delta R.T.: -0.028 min
Response: 1795373
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: -0.033 min
Response: 1690062
Conc: 20.23 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: -0.049 min
Response: 1663716
Conc: 21.88 ug/ml