

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121223AL\
 Data File : FG013277.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2023 10:07
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 12 10:29:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 10:29:04 2023
 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)	11.976	1341770	10.507 ug/ml
Spiked Amount 50.000		Recovery =	21.01%
12) S 1-chlorooctadecane (S...	13.414	953273	10.296 ug/ml
Spiked Amount 50.000		Recovery =	20.59%
Target Compounds			
1) T n-Nonane (C9)	3.330	1151999	10.843 ug/ml
2) T n-Decane (C10)	4.585	1153128	10.782 ug/ml
3) T A~Naphthalene (C11.7)	6.299	1213649	10.586 ug/ml
4) T n-Dodecane (C12)	6.759	1146273	10.722 ug/ml
5) T A~2-methylnaphthalene...	7.399	1159162	10.408 ug/ml
6) T n-Tetradecane (C14)	8.593	1114585	10.622 ug/ml
7) T n-Hexadecane (C16)	10.206	1130708	10.594 ug/ml
8) T n-Octadecane (C18)	11.655	1143478	10.564 ug/ml
10) T n-Eicosane (C20)	12.968	1107027	10.497 ug/ml
11) T n-Heneicosane (C21)	13.582	1090247	10.450 ug/ml
13) T n-Docosane (C22)	14.170	1078912	10.410 ug/ml
14) T n-Tetracosane (C24)	15.276	1099179	10.500 ug/ml
15) T n-Hexacosane (C26)	16.300	1049809	10.312 ug/ml
16) T n-Octacosane (C28)	17.252	1039720	10.354 ug/ml
17) T n-Tricontane (C30)	18.141	1068132	10.467 ug/ml
18) T n-Dotriacontane (C32)	18.974	1081631	10.593 ug/ml
19) T n-Tetratriacontane (C34)	19.759	1073835	10.714 ug/ml
20) T n-Hexatriacontane (C36)	20.499	1079257	10.917 ug/ml
21) T n-Octatriacontane (C38)	21.255	1087034	11.386 ug/ml
22) T n-Tetracontane (C40)	22.201	1079793	12.049 ug/ml

(f)=RT Delta > 1/2 Window

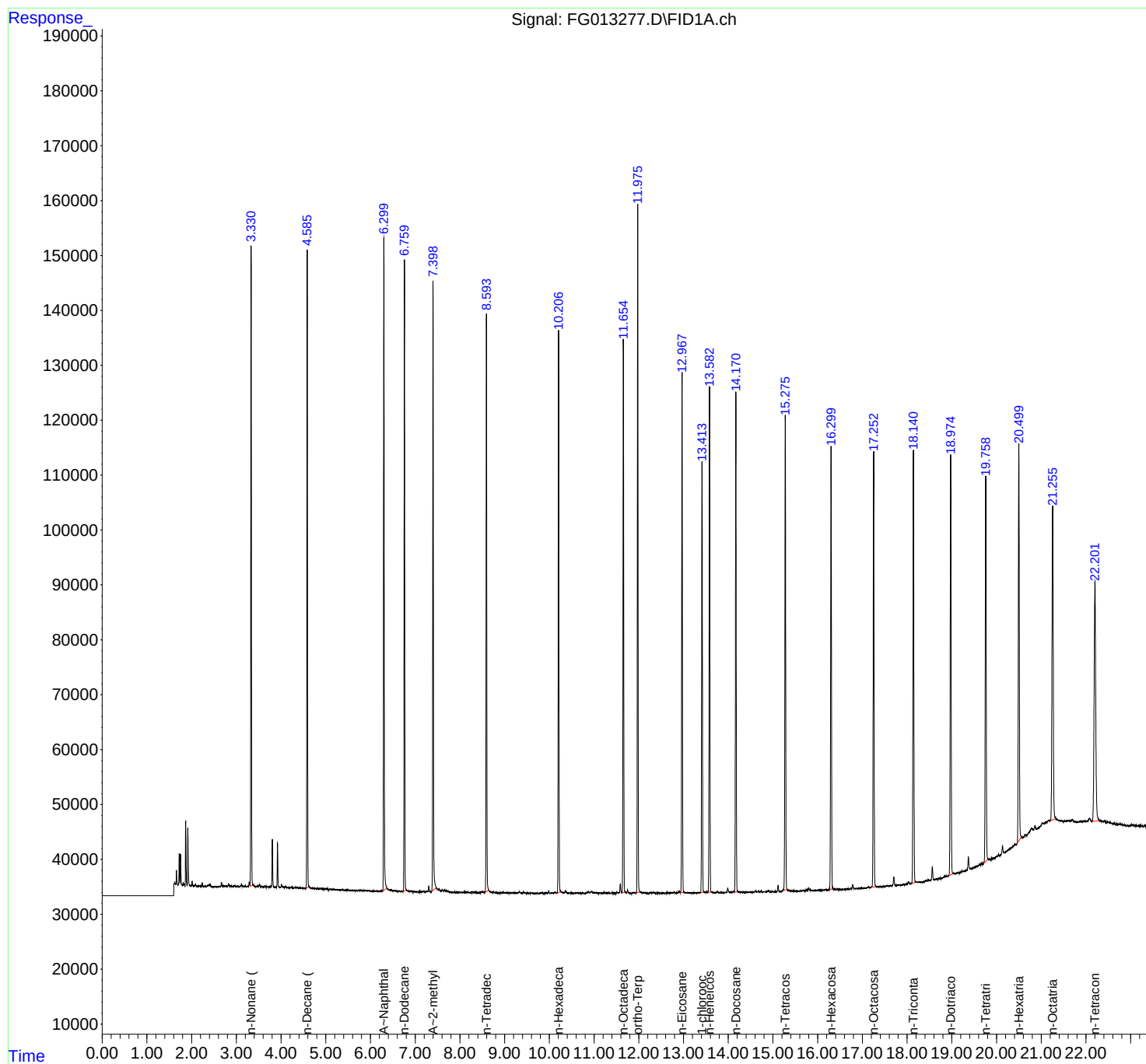
(m)=manual int.

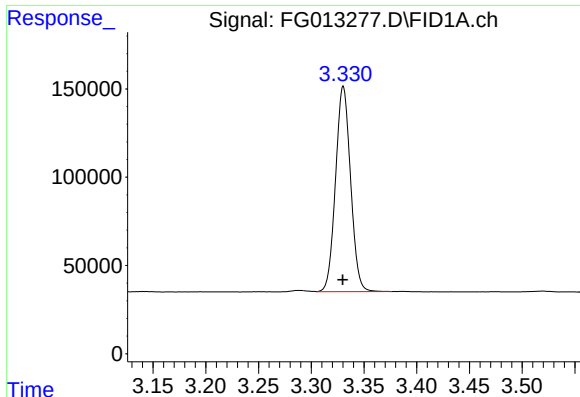
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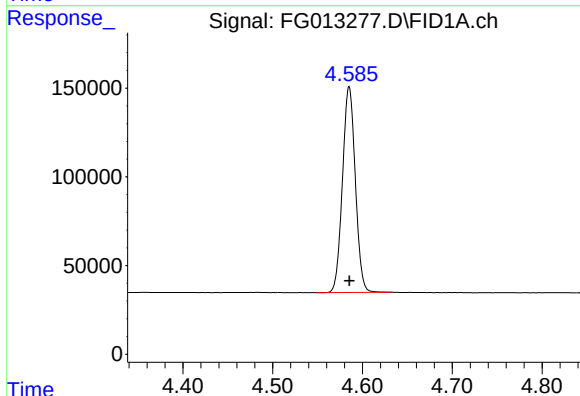




#1 n-Nonane (C9)

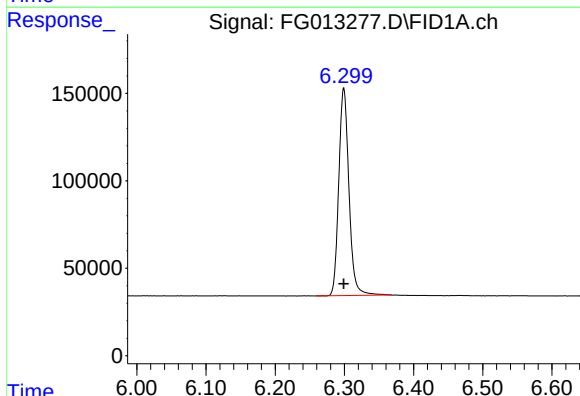
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 1151999
Conc: 10.84 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



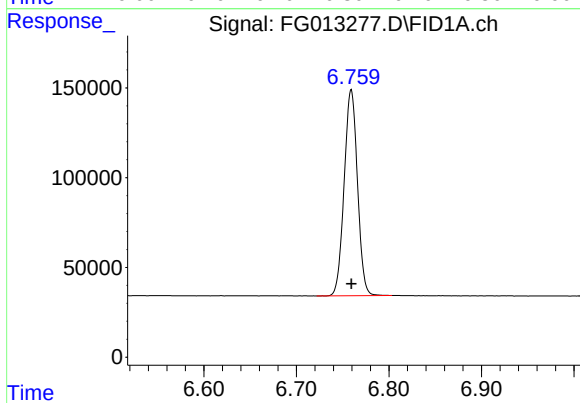
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 1153128
Conc: 10.78 ug/ml



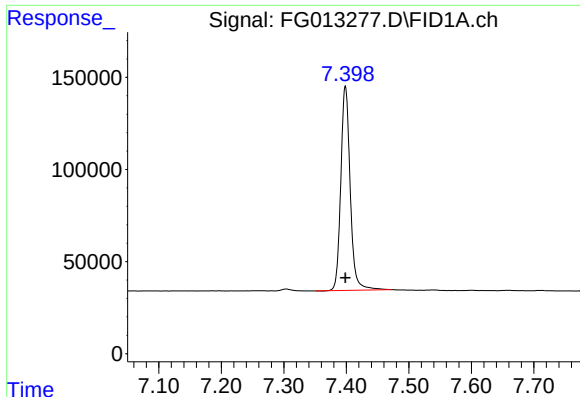
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 1213649
Conc: 10.59 ug/ml



#4 n-Dodecane (C12)

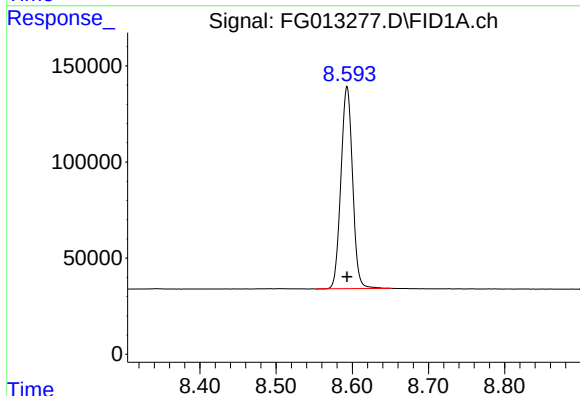
R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 1146273
Conc: 10.72 ug/ml



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

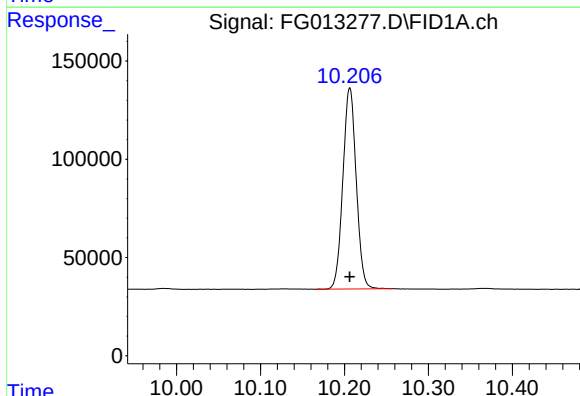
R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 1159162
Conc: 10.41 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



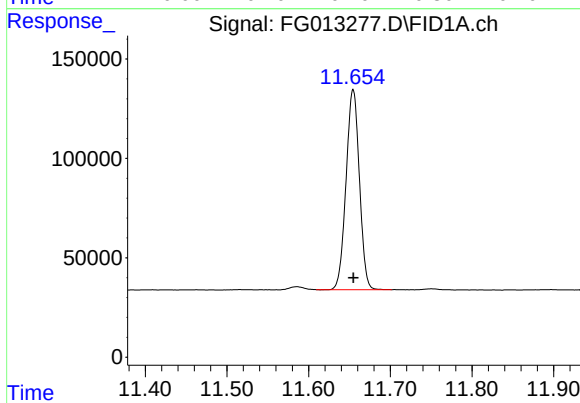
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 1114585
Conc: 10.62 ug/ml



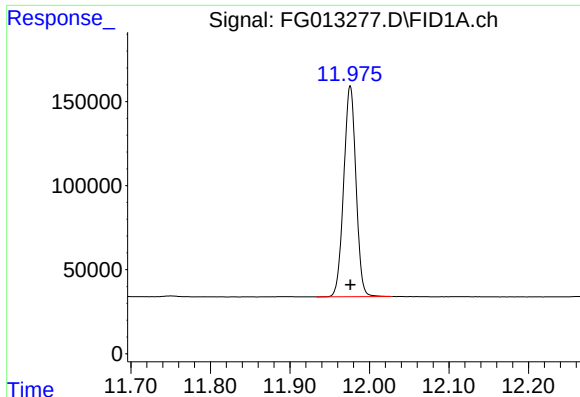
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: 0.000 min
Response: 1130708
Conc: 10.59 ug/ml



#8 n-Octadecane (C18)

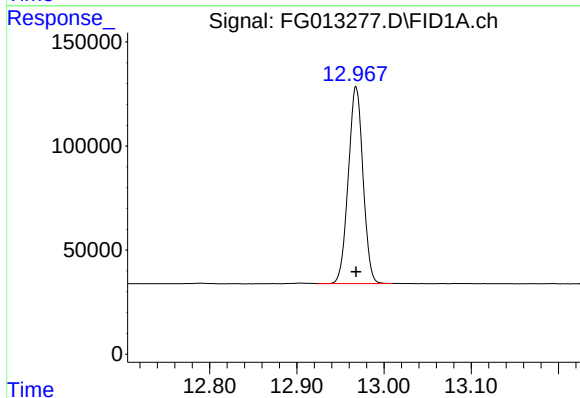
R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 1143478
Conc: 10.56 ug/ml



#9 ortho-Terphenyl (SURR)

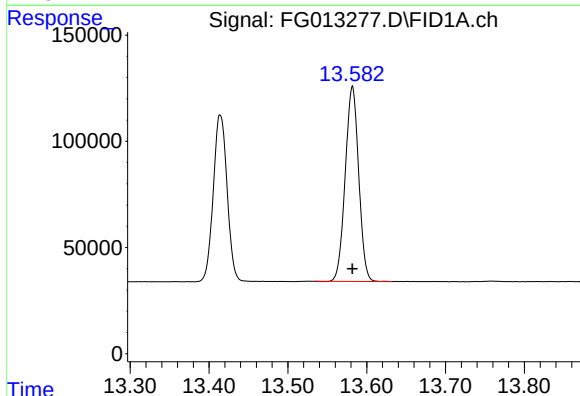
R.T.: 11.976 min
Delta R.T.: 0.000 min
Response: 1341770
Conc: 10.51 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



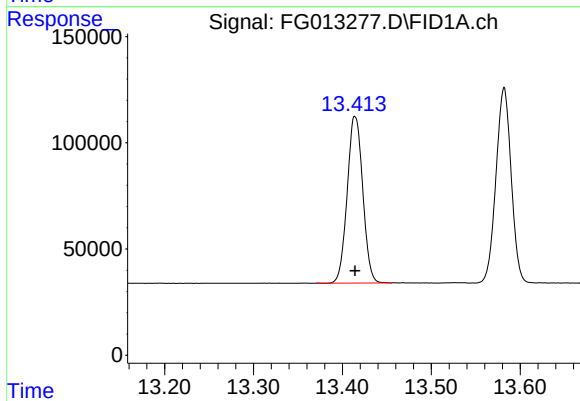
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: 0.000 min
Response: 1107027
Conc: 10.50 ug/ml



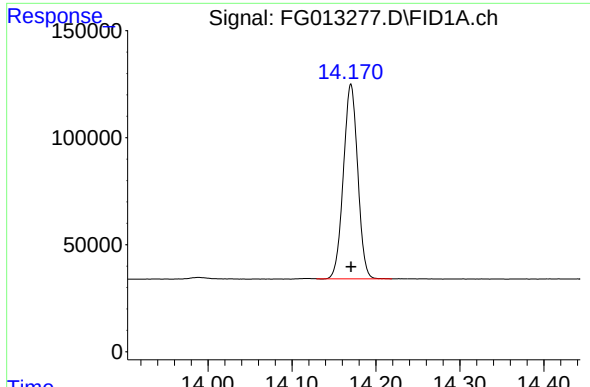
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.000 min
Response: 1090247
Conc: 10.45 ug/ml



#12 1-chlorooctadecane (SURR)

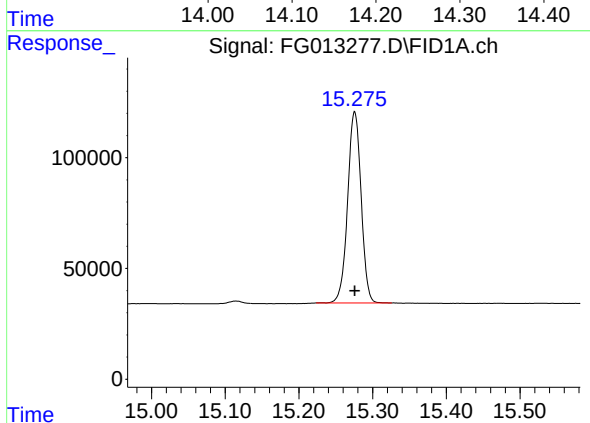
R.T.: 13.414 min
Delta R.T.: 0.000 min
Response: 953273
Conc: 10.30 ug/ml



#13 n-Docosane (C22)

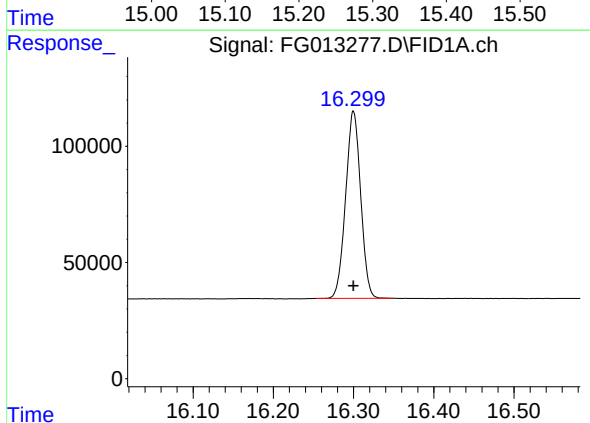
R.T.: 14.170 min
Delta R.T.: 0.000 min
Response: 1078912
Conc: 10.41 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



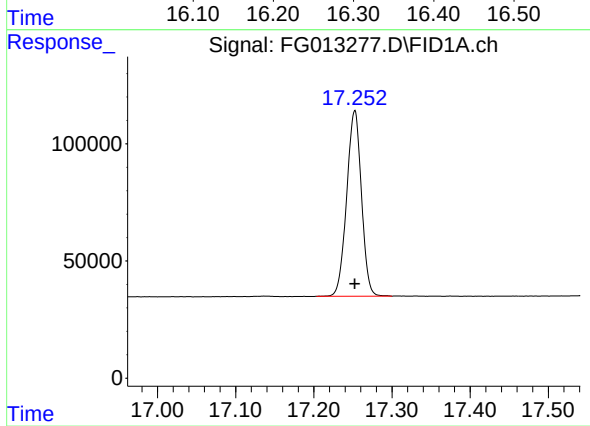
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: 0.000 min
Response: 1099179
Conc: 10.50 ug/ml



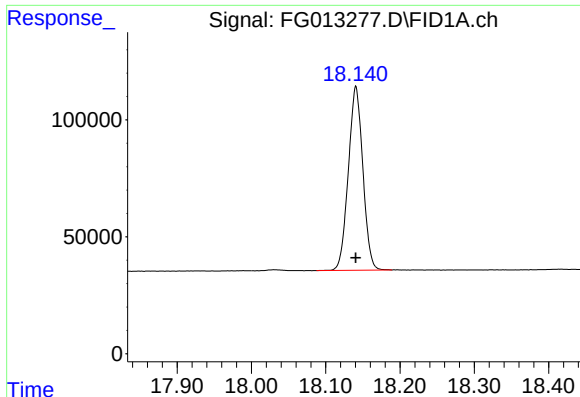
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.000 min
Response: 1049809
Conc: 10.31 ug/ml



#16 n-Octacosane (C28)

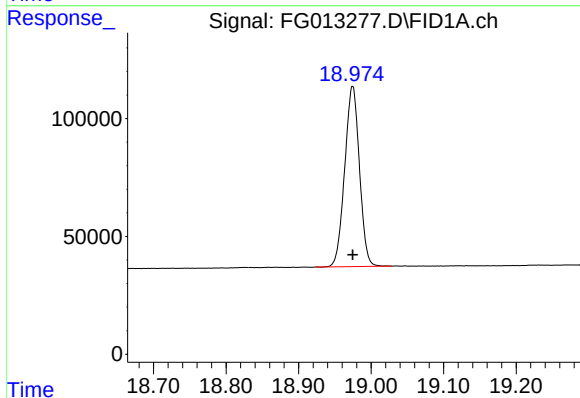
R.T.: 17.252 min
Delta R.T.: 0.000 min
Response: 1039720
Conc: 10.35 ug/ml



#17 n-Tricontane (C30)

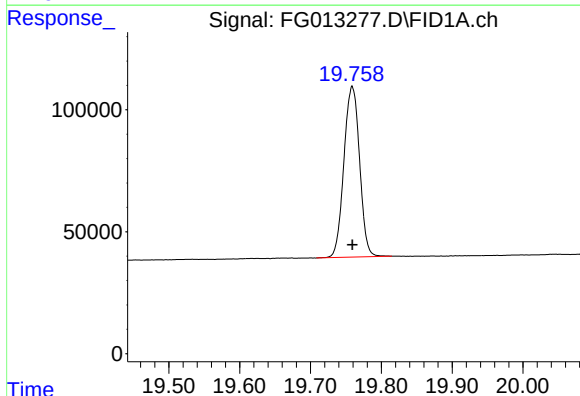
R.T.: 18.141 min
Delta R.T.: 0.000 min
Response: 1068132
Conc: 10.47 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



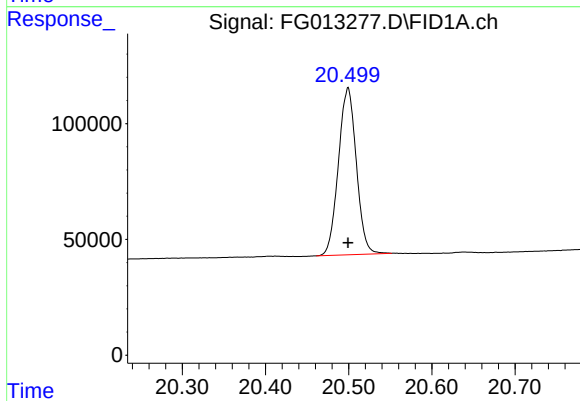
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: 0.000 min
Response: 1081631
Conc: 10.59 ug/ml



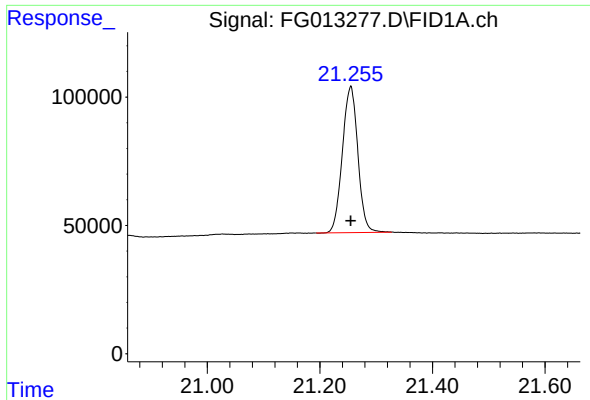
#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: 0.000 min
Response: 1073835
Conc: 10.71 ug/ml



#20 n-Hexatriacontane (C36)

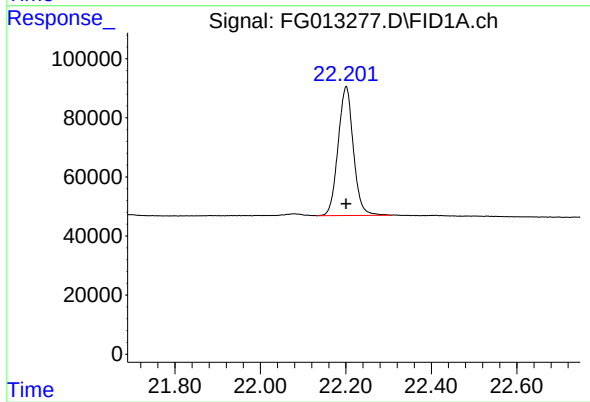
R.T.: 20.499 min
Delta R.T.: 0.000 min
Response: 1079257
Conc: 10.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.255 min
Delta R.T.: 0.000 min
Response: 1087034
Conc: 11.39 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: 0.000 min
Response: 1079793
Conc: 12.05 ug/ml