

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072924AL\
 Data File : FG013976.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jul 2024 14:28
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jul 30 04:01:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:01:25 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)	11.853	1387119	10.218 ug/ml
Spiked Amount 50.000		Recovery =	20.44%
12) S 1-chlorooctadecane (S...	13.299	1025537	10.148 ug/ml
Spiked Amount 50.000		Recovery =	20.30%
Target Compounds			
1) T n-Nonane (C9)	3.225	1325379	10.170 ug/ml
2) T n-Decane (C10)	4.476	1349864	10.166 ug/ml
3) T A~Naphthalene (C11.7)	6.180	1395798	10.135 ug/ml
4) T n-Dodecane (C12)	6.648	1348172	10.171 ug/ml
5) T A~2-methylnaphthalene...	7.279	1312052	10.072 ug/ml
6) T n-Tetradecane (C14)	8.481	1322207	10.191 ug/ml
7) T n-Hexadecane (C16)	10.093	1339923	10.182 ug/ml
8) T n-Octadecane (C18)	11.541	1336960	10.197 ug/ml
10) T n-Eicosane (C20)	12.854	1266157	10.204 ug/ml
11) T n-Heneicosane (C21)	13.468	1237941	10.202 ug/ml
13) T n-Docosane (C22)	14.056	1225368	10.209 ug/ml
14) T n-Tetracosane (C24)	15.163	1209953	10.207 ug/ml
15) T n-Hexacosane (C26)	16.187	1187476	10.211 ug/ml
16) T n-Octacosane (C28)	17.139	1160748	10.187 ug/ml
17) T n-Tricontane (C30)	18.030	1177332	10.160 ug/ml
18) T n-Dotriacontane (C32)	18.865	1169262	10.210 ug/ml
19) T n-Tetratriacontane (C34)	19.652	1136751	10.018 ug/ml
20) T n-Hexatriacontane (C36)	20.393	1133558	10.124 ug/ml
21) T n-Octatriacontane (C38)	21.130	1198910	10.361 ug/ml
22) T n-Tetracontane (C40)	22.037	1192379	10.248 ug/ml

(f)=RT Delta > 1/2 Window

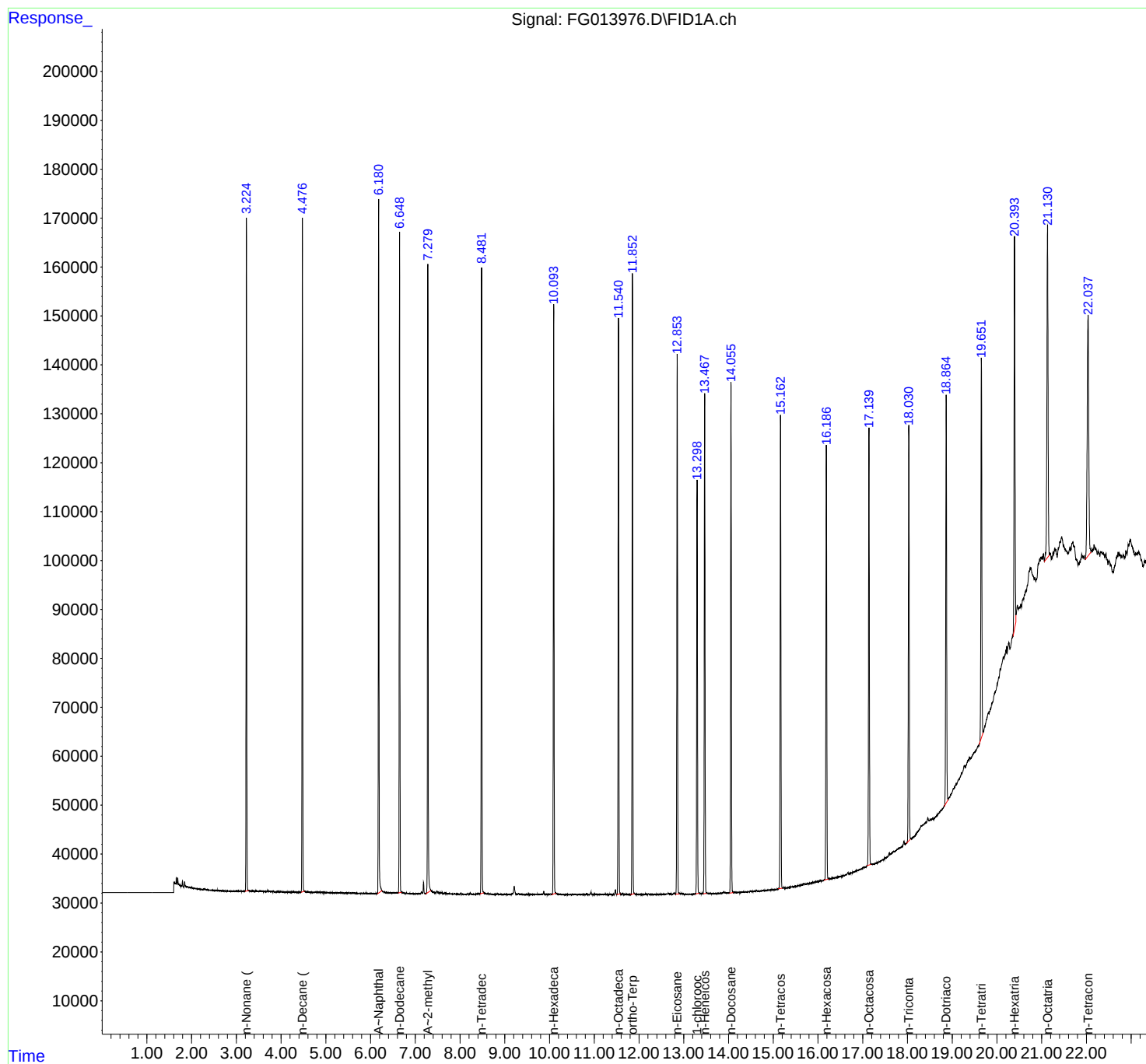
(m)=manual int.

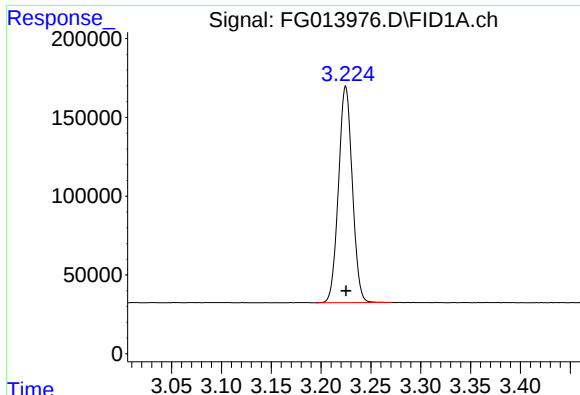
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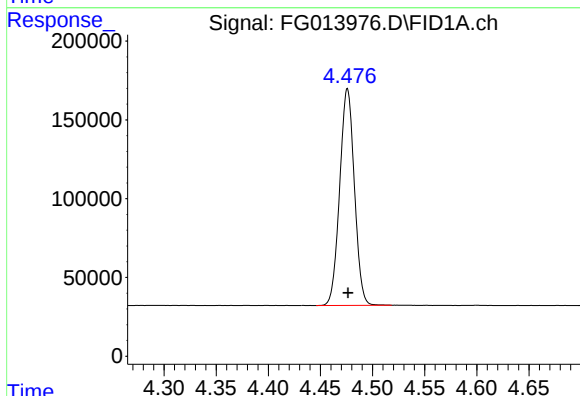




#1 n-Nonane (C9)

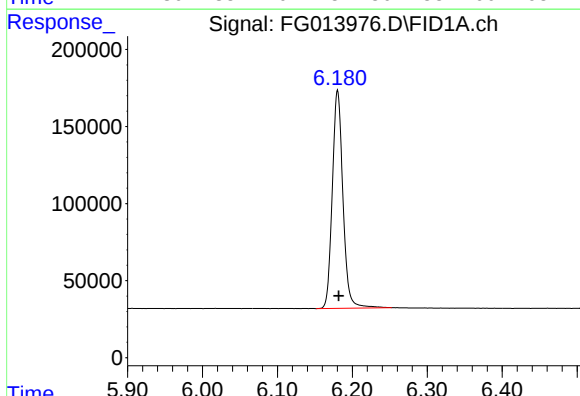
R.T.: 3.225 min
Delta R.T.: 0.000 min
Response: 1325379
Conc: 10.17 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



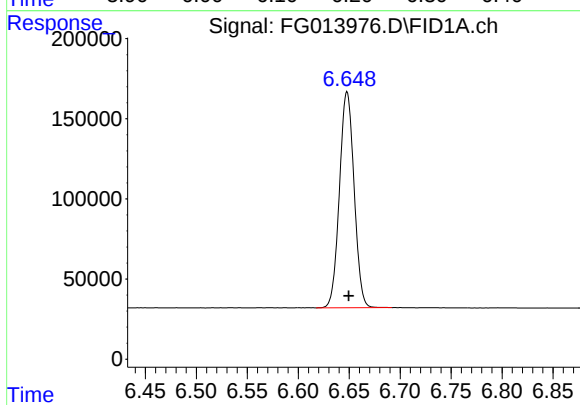
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 1349864
Conc: 10.17 ug/ml



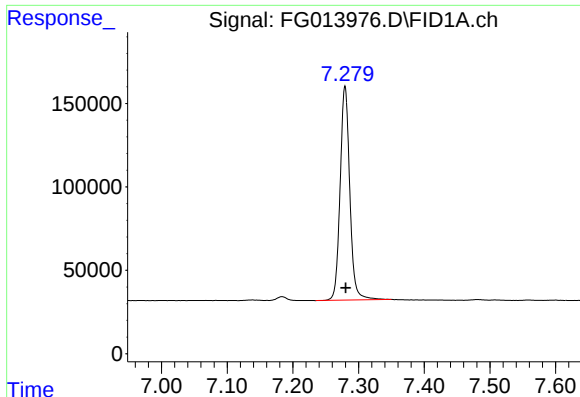
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 1395798
Conc: 10.14 ug/ml



#4 n-Dodecane (C12)

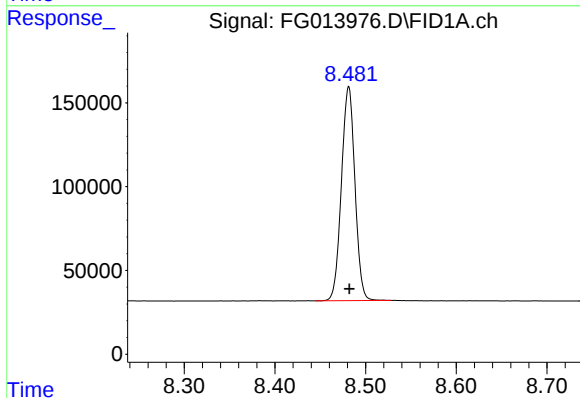
R.T.: 6.648 min
Delta R.T.: -0.001 min
Response: 1348172
Conc: 10.17 ug/ml



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

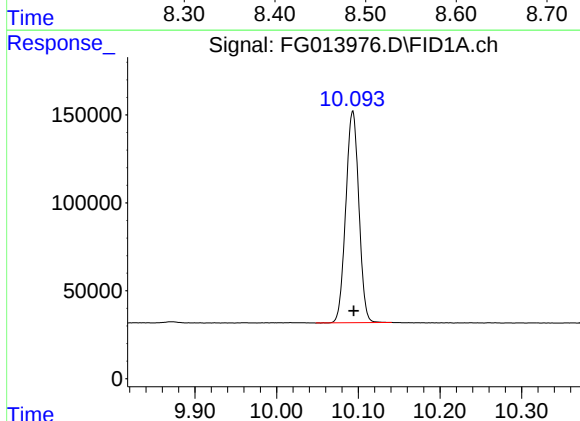
R.T.: 7.279 min
Delta R.T.: -0.001 min
Response: 1312052
Conc: 10.07 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



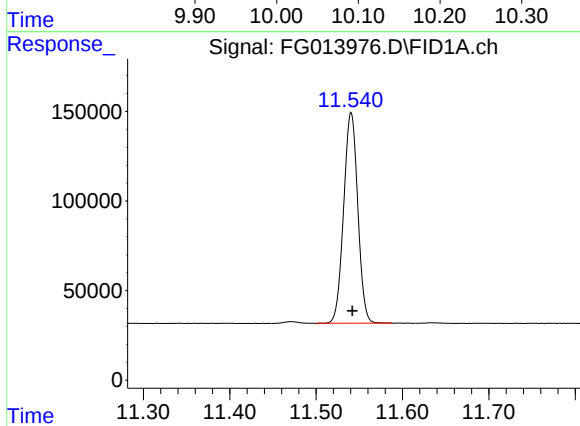
#6 n-Tetradecane (C14)

R.T.: 8.481 min
Delta R.T.: 0.000 min
Response: 1322207
Conc: 10.19 ug/ml



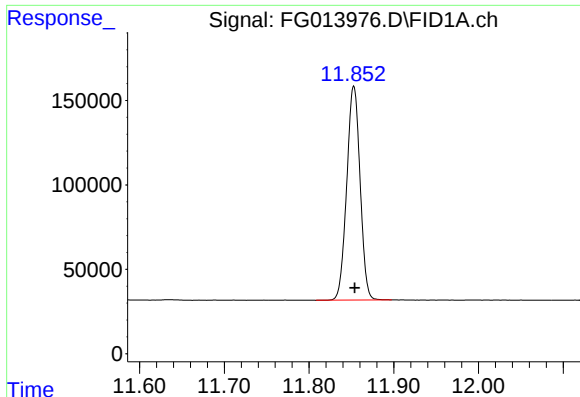
#7 n-Hexadecane (C16)

R.T.: 10.093 min
Delta R.T.: -0.001 min
Response: 1339923
Conc: 10.18 ug/ml



#8 n-Octadecane (C18)

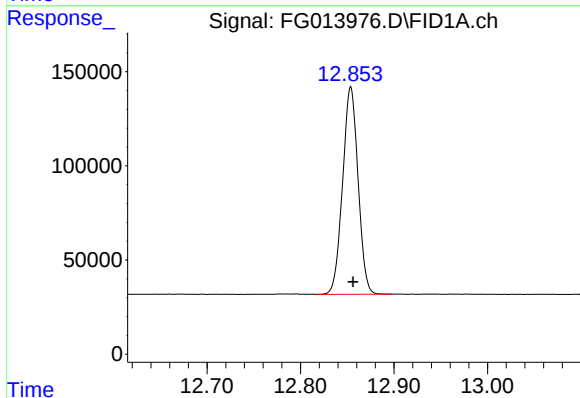
R.T.: 11.541 min
Delta R.T.: -0.001 min
Response: 1336960
Conc: 10.20 ug/ml



#9 ortho-Terphenyl (SURR)

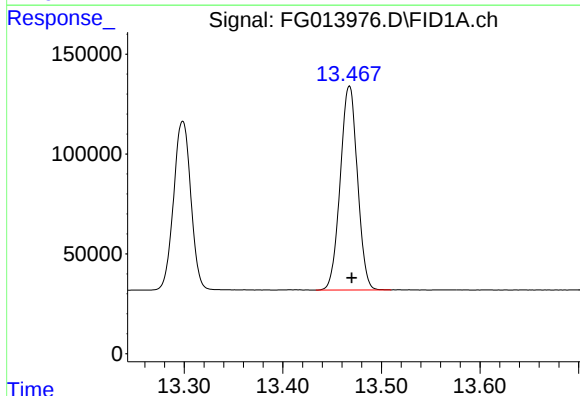
R.T.: 11.853 min
Delta R.T.: 0.000 min
Response: 1387119
Conc: 10.22 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



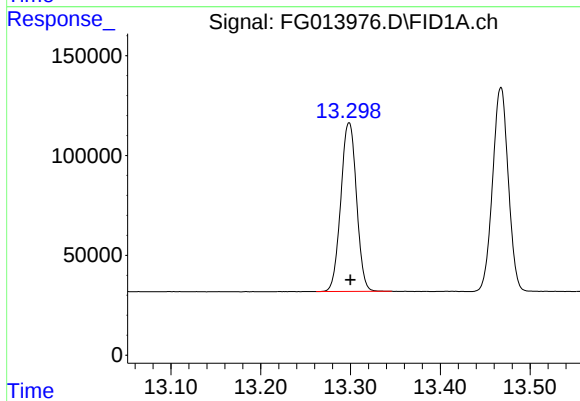
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: -0.002 min
Response: 1266157
Conc: 10.20 ug/ml



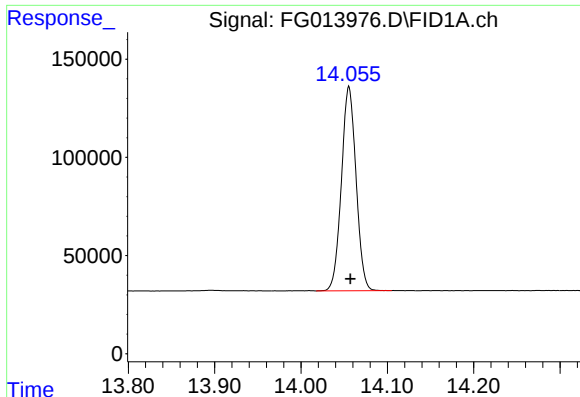
#11 n-Heneicosane (C21)

R.T.: 13.468 min
Delta R.T.: -0.002 min
Response: 1237941
Conc: 10.20 ug/ml



#12 1-chlorooctadecane (SURR)

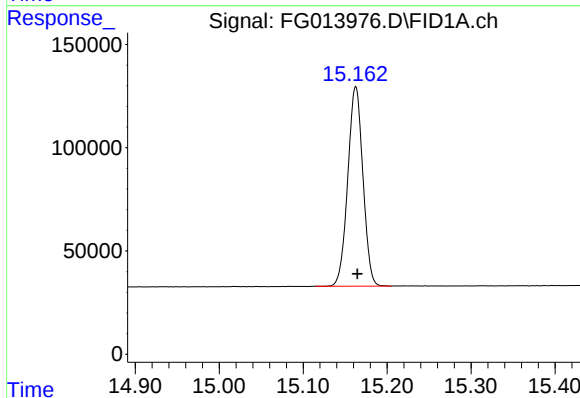
R.T.: 13.299 min
Delta R.T.: -0.002 min
Response: 1025537
Conc: 10.15 ug/ml



#13 n-Docosane (C22)

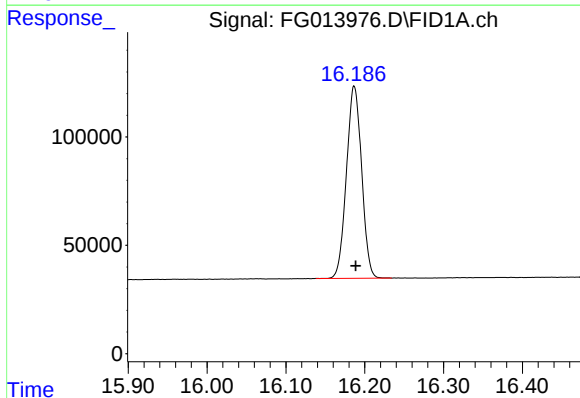
R.T.: 14.056 min
Delta R.T.: -0.002 min
Response: 1225368
Conc: 10.21 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



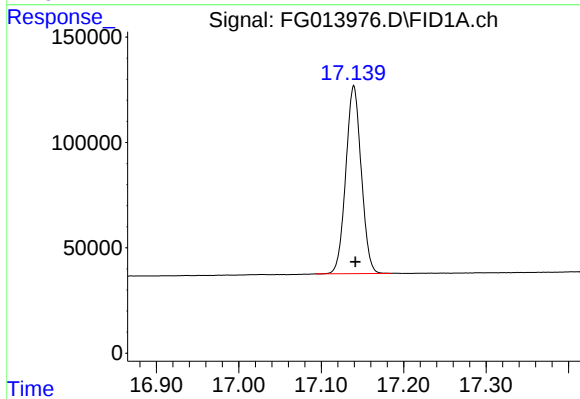
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.002 min
Response: 1209953
Conc: 10.21 ug/ml



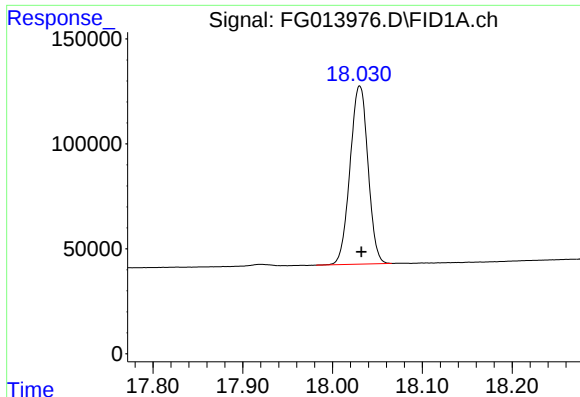
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: -0.002 min
Response: 1187476
Conc: 10.21 ug/ml



#16 n-Octacosane (C28)

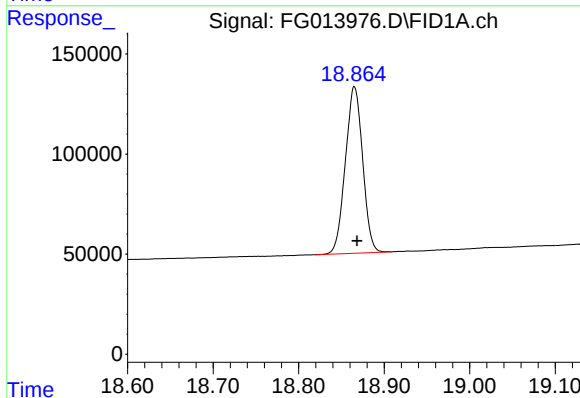
R.T.: 17.139 min
Delta R.T.: -0.002 min
Response: 1160748
Conc: 10.19 ug/ml



#17 n-Tricontane (C30)

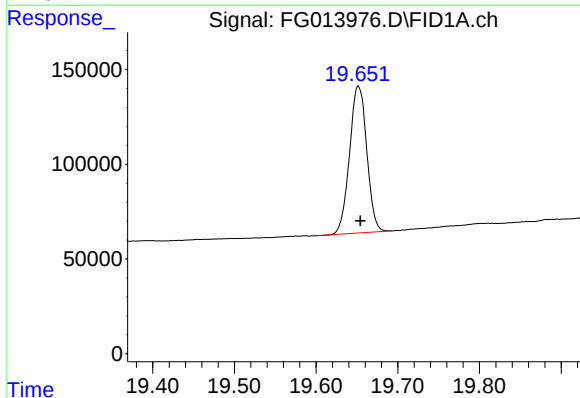
R.T.: 18.030 min
Delta R.T.: -0.002 min
Response: 1177332
Conc: 10.16 ug/ml

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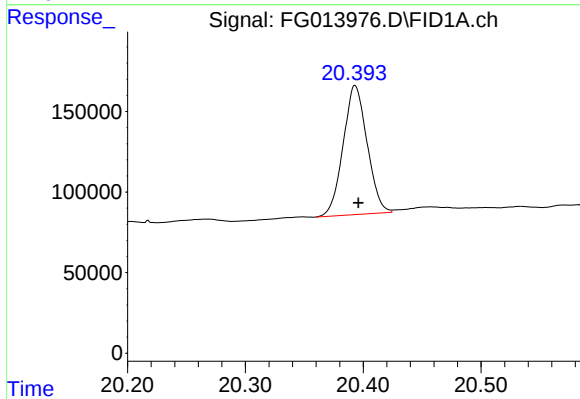
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: -0.003 min
Response: 1169262
Conc: 10.21 ug/ml



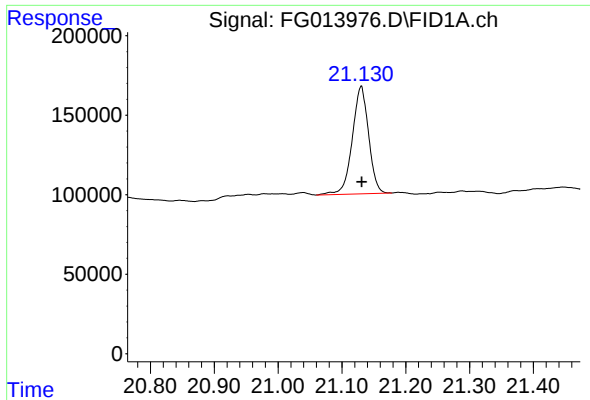
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.003 min
Response: 1136751
Conc: 10.02 ug/ml



#20 n-Hexatriacontane (C36)

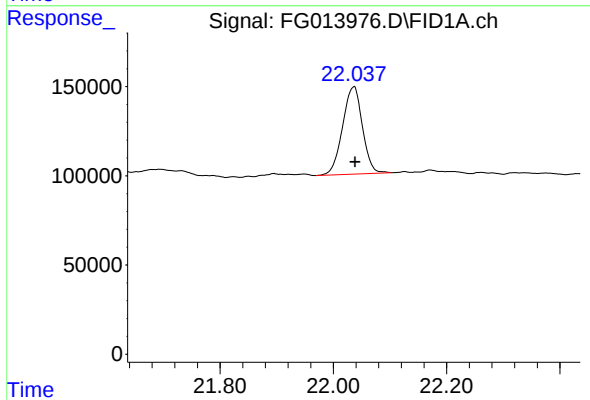
R.T.: 20.393 min
Delta R.T.: -0.003 min
Response: 1133558
Conc: 10.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: 0.000 min
Response: 1198910
Conc: 10.36 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.002 min
Response: 1192379
Conc: 10.25 ug/ml