

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102924AL\
 Data File : FECCC01.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2024 23:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 04:40:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.855	2788015	17.684 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
12) S 1-chlorooctadecane (S...	13.289	2145591	18.138 ug/ml
Spiked Amount 50.000		Recovery =	36.28%
Target Compounds			
1) T n-Nonane (C9)	3.245	2455989	17.383 ug/ml
2) T n-Decane (C10)	4.495	2543175	17.726 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2441703	17.076 ug/ml
4) T n-Dodecane (C12)	6.663	2564895	17.820 ug/ml
5) T A~2-methylnaphthalene...	7.303	2276675	17.185 ug/ml
6) T n-Tetradecane (C14)	8.489	2288425	15.995 ug/ml
7) T n-Hexadecane (C16)	10.094	2644180	17.967 ug/ml
8) T n-Octadecane (C18)	11.536	2689906	18.008 ug/ml
10) T n-Eicosane (C20)	12.842	2455039	17.120 ug/ml
11) T n-Heneicosane (C21)	13.454	2537570	18.070 ug/ml
13) T n-Docosane (C22)	14.039	2634265	18.777 ug/ml
14) T n-Tetracosane (C24)	15.140	2863594	20.269 ug/ml
15) T n-Hexacosane (C26)	16.160	2917687	20.734 ug/ml
16) T n-Octacosane (C28)	17.108	3222485	22.022 ug/ml
17) T n-Tricontane (C30)	17.995	3537850	22.250 ug/ml
18) T n-Dotriacontane (C32)	18.827	3604953	22.237 ug/ml
19) T n-Tetratriacontane (C34)	19.609	2963413	20.174 ug/ml
20) T n-Hexatriacontane (C36)	20.348	2429607	19.159 ug/ml
21) T n-Octatriacontane (C38)	21.071	2276799	18.414 ug/ml
22) T n-Tetracontane (C40)	21.954	2047252	18.386 ug/ml

(f)=RT Delta > 1/2 Window

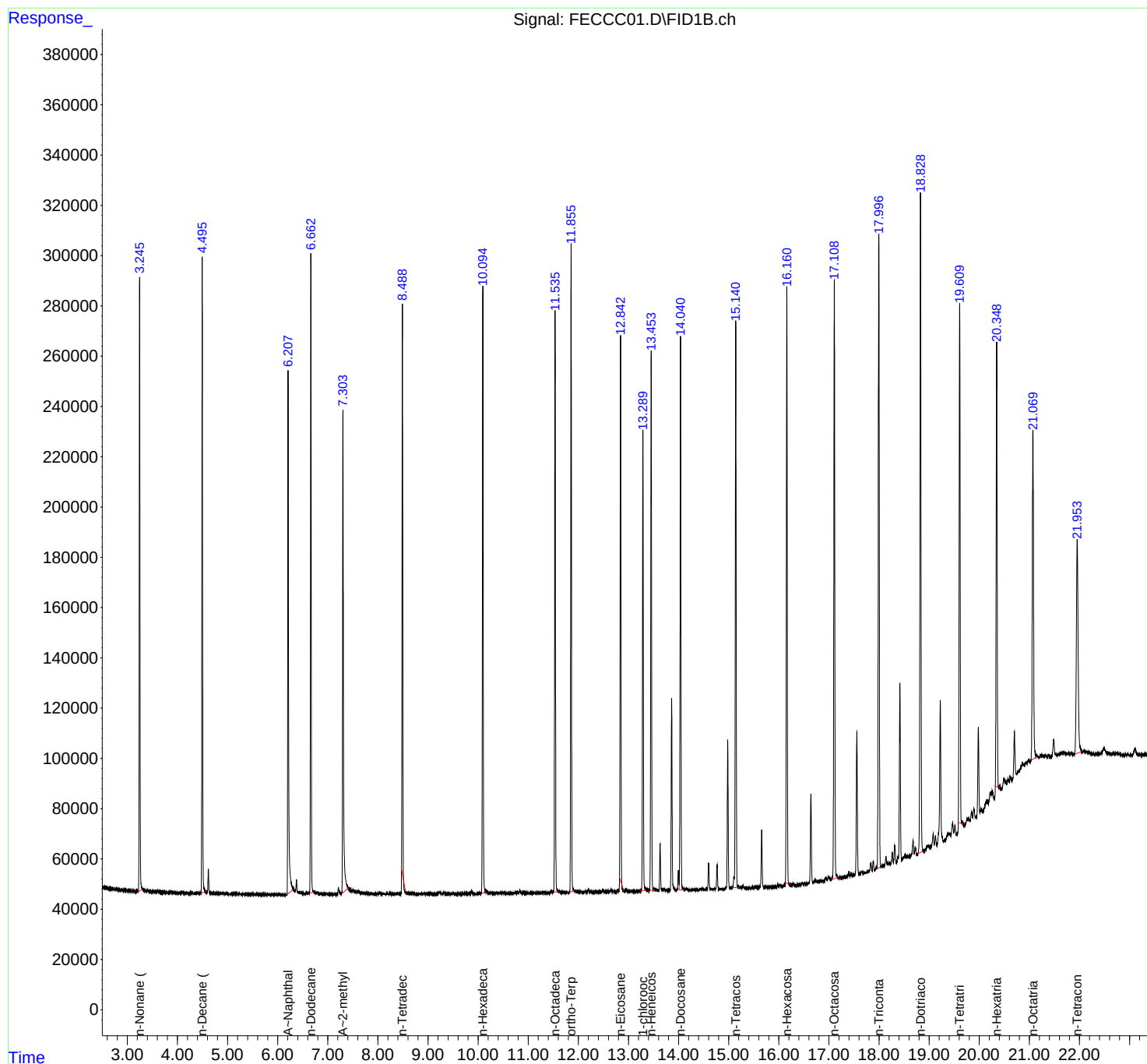
(m)=manual int.

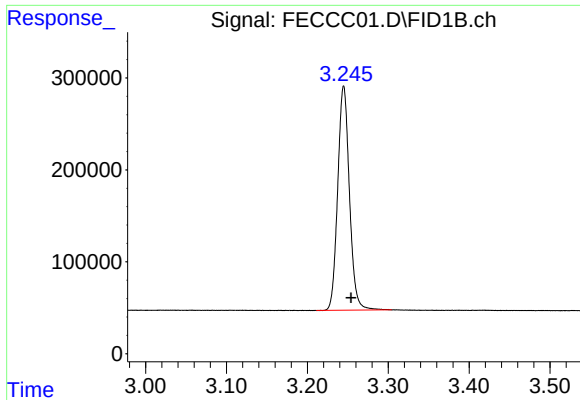
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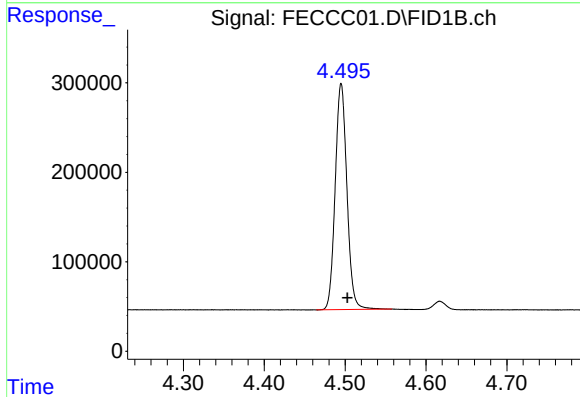




#1 n-Nonane (C9)

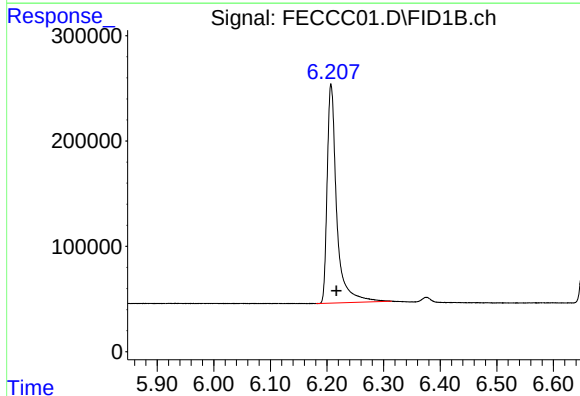
R.T.: 3.245 min
Delta R.T.: -0.009 min
Response: 2455989
Conc: 17.38 ug/ml

Instrument :
FID_F
ClientSampleId :



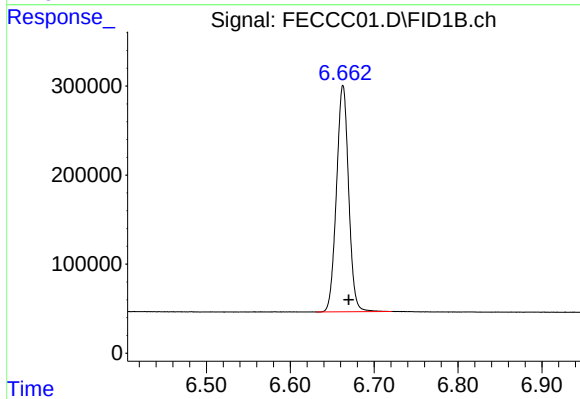
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.008 min
Response: 2543175
Conc: 17.73 ug/ml



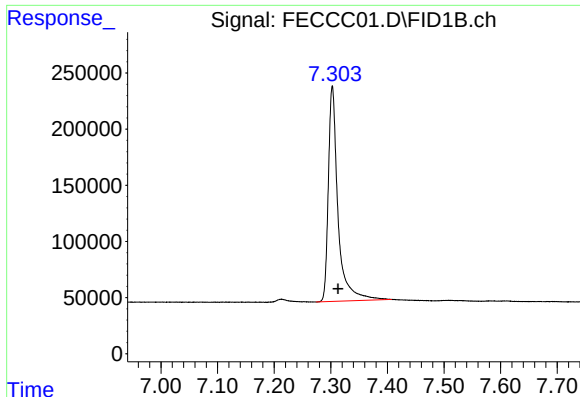
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.009 min
Response: 2441703
Conc: 17.08 ug/ml



#4 n-Dodecane (C12)

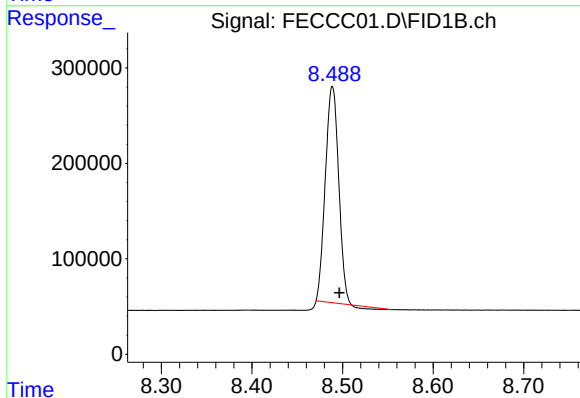
R.T.: 6.663 min
Delta R.T.: -0.007 min
Response: 2564895
Conc: 17.82 ug/ml



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

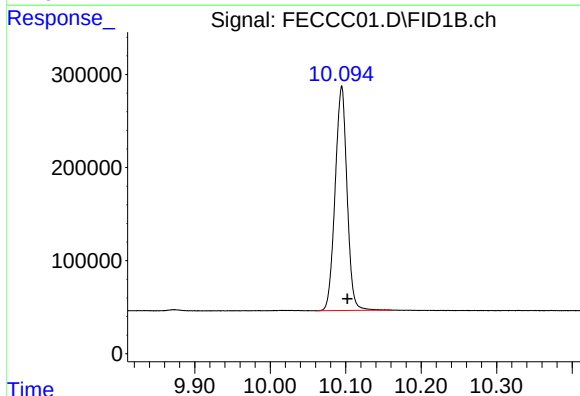
R.T.: 7.303 min
Delta R.T.: -0.010 min
Response: 2276675
Conc: 17.19 ug/ml

Instrument :
FID_F
ClientSampleId :



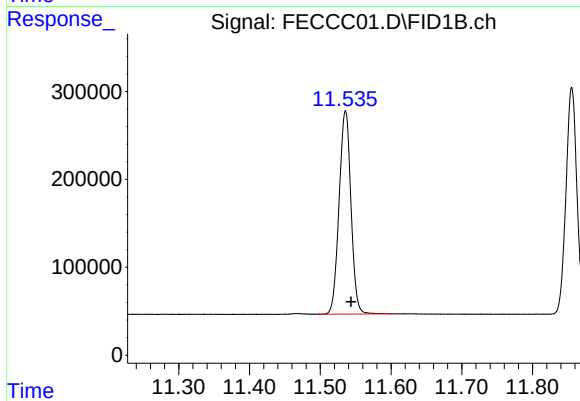
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.008 min
Response: 2288425
Conc: 16.00 ug/ml



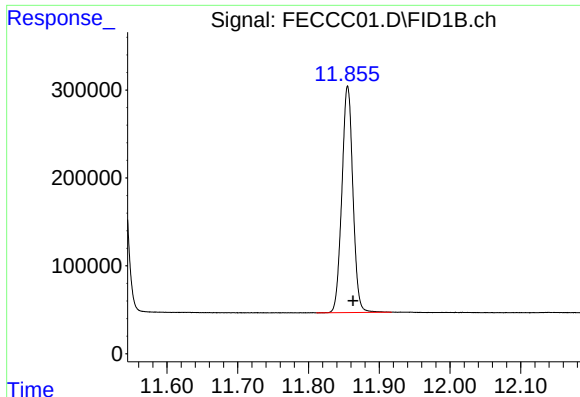
#7 n-Hexadecane (C16)

R.T.: 10.094 min
Delta R.T.: -0.008 min
Response: 2644180
Conc: 17.97 ug/ml



#8 n-Octadecane (C18)

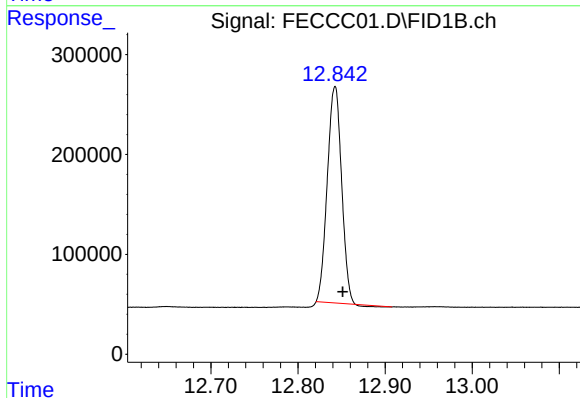
R.T.: 11.536 min
Delta R.T.: -0.008 min
Response: 2689906
Conc: 18.01 ug/ml



#9 ortho-Terphenyl (SURR)

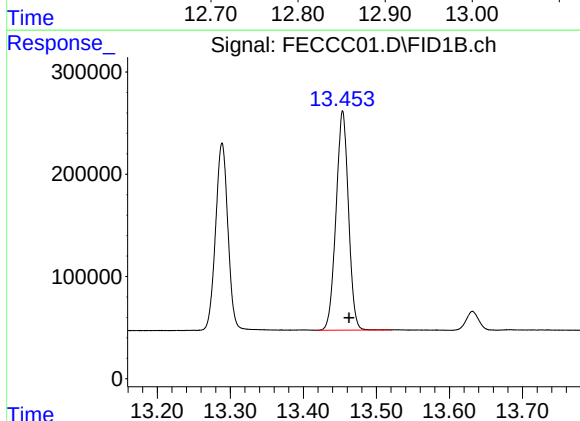
R.T.: 11.855 min
Delta R.T.: -0.008 min
Response: 2788015
Conc: 17.68 ug/ml

Instrument :
FID_F
ClientSampleId :



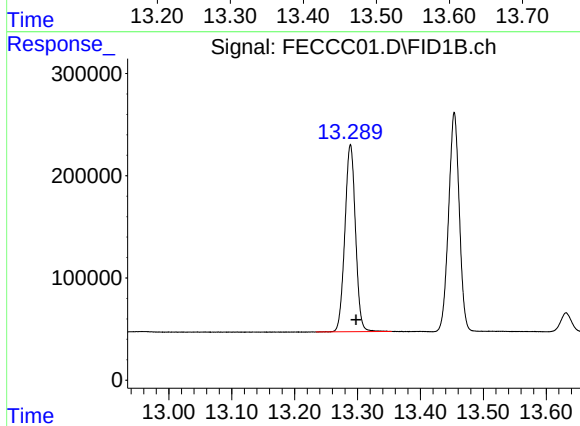
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.009 min
Response: 2455039
Conc: 17.12 ug/ml



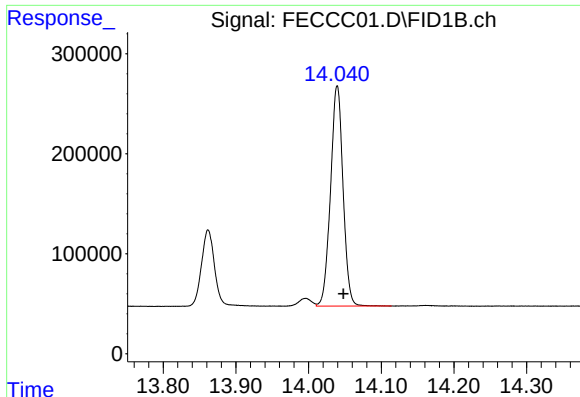
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.009 min
Response: 2537570
Conc: 18.07 ug/ml



#12 1-chlorooctadecane (SURR)

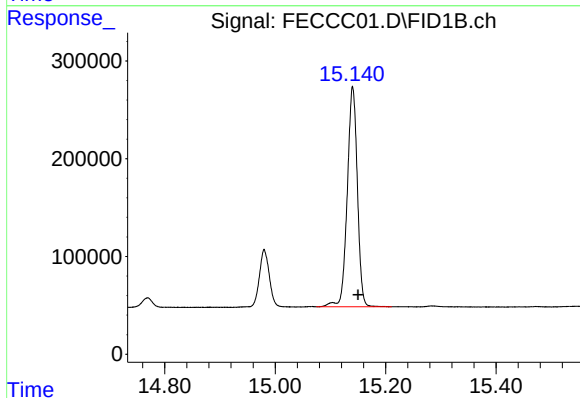
R.T.: 13.289 min
Delta R.T.: -0.009 min
Response: 2145591
Conc: 18.14 ug/ml



#13 n-Docosane (C22)

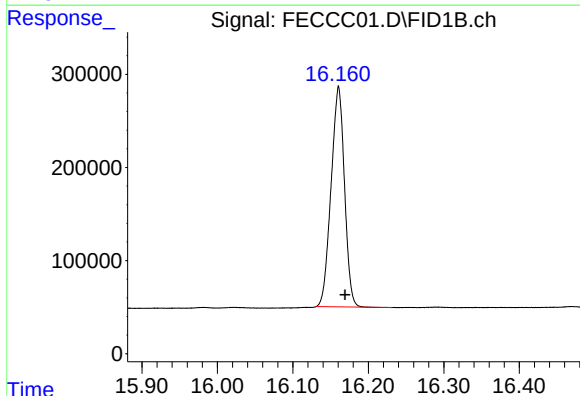
R.T.: 14.039 min
Delta R.T.: -0.008 min
Response: 2634265
Conc: 18.78 ug/ml

Instrument :
FID_F
ClientSampleId :



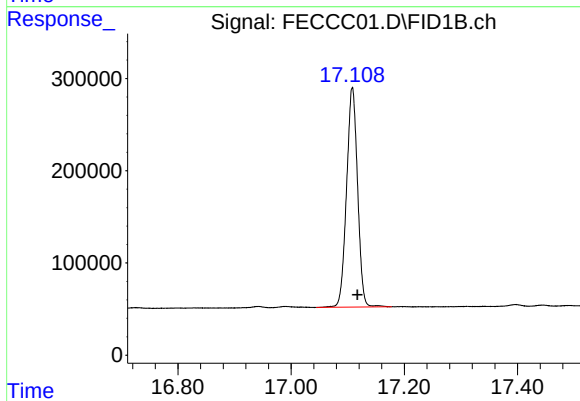
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 2863594
Conc: 20.27 ug/ml



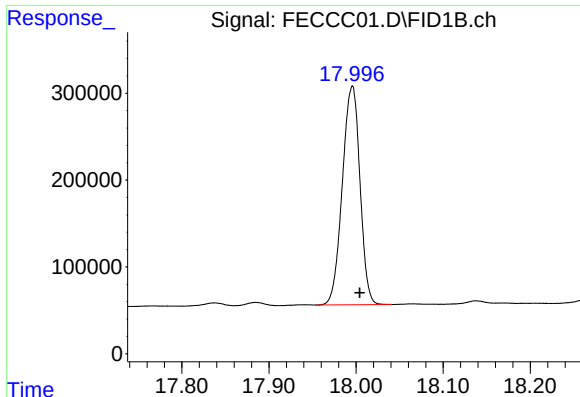
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.009 min
Response: 2917687
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

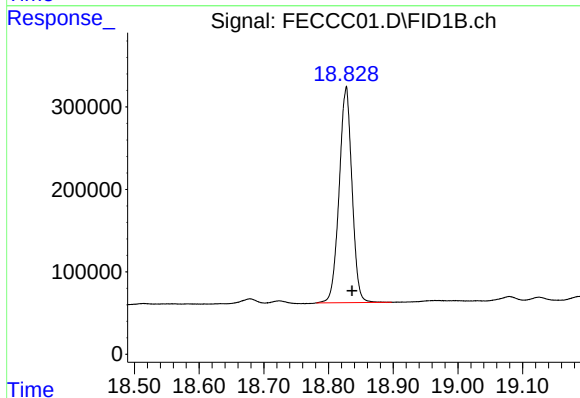
R.T.: 17.108 min
Delta R.T.: -0.009 min
Response: 3222485
Conc: 22.02 ug/ml



#17 n-Tricontane (C30)

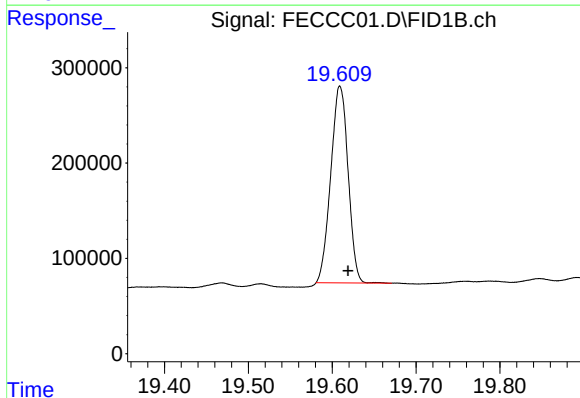
R.T.: 17.995 min
Delta R.T.: -0.009 min
Response: 3537850
Conc: 22.25 ug/ml

Instrument :
FID_F
ClientSampleId :



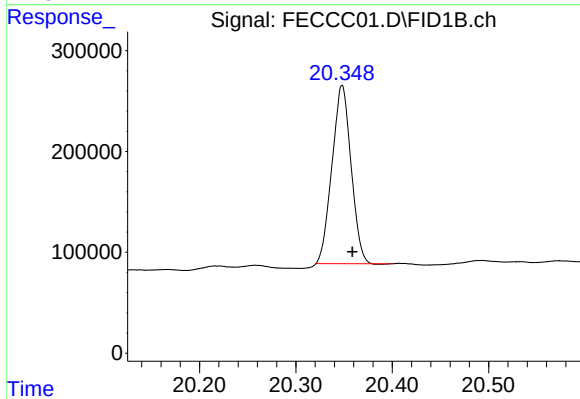
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.010 min
Response: 3604953
Conc: 22.24 ug/ml



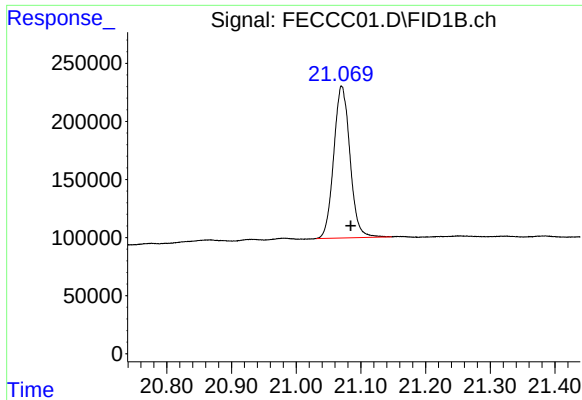
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.009 min
Response: 2963413
Conc: 20.17 ug/ml



#20 n-Hexatriacontane (C36)

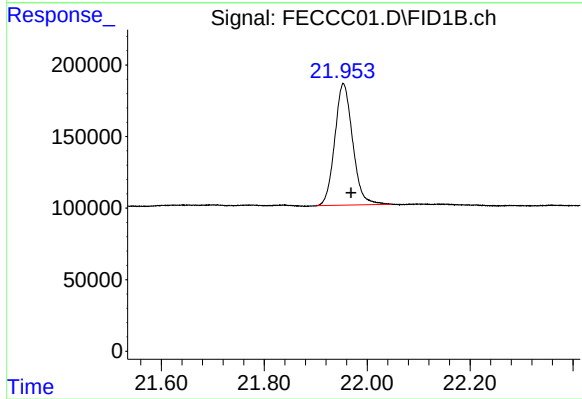
R.T.: 20.348 min
Delta R.T.: -0.010 min
Response: 2429607
Conc: 19.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.014 min
Response: 2276799
Conc: 18.41 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.954 min
Delta R.T.: -0.015 min
Response: 2047252
Conc: 18.39 ug/ml