

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041425AL\
 Data File : FECCC05.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 05:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 06:08:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.902	2940449	18.053 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	13.348	2207760	18.391 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
Target Compounds			
1) T n-Nonane (C9)	3.237	2770833	17.895 ug/ml
2) T n-Decane (C10)	4.499	2931950	18.692 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3062796	18.232 ug/ml
4) T n-Dodecane (C12)	6.682	2929303	18.730 ug/ml
5) T A~2-methylnaphthalene...	7.320	2914166	18.264 ug/ml
6) T n-Tetradecane (C14)	8.520	2877038	18.790 ug/ml
7) T n-Hexadecane (C16)	10.136	2912415	18.894 ug/ml
8) T n-Octadecane (C18)	11.586	2849909	18.791 ug/ml
10) T n-Eicosane (C20)	12.902	2690097	18.868 ug/ml
11) T n-Heneicosane (C21)	13.516	2589185	18.658 ug/ml
13) T n-Docosane (C22)	14.105	2653240	19.373 ug/ml
14) T n-Tetracosane (C24)	15.212	2818543	20.869 ug/ml
15) T n-Hexacosane (C26)	16.237	2985084	22.376 ug/ml
16) T n-Octacosane (C28)	17.191	3165204	23.985 ug/ml
17) T n-Tricontane (C30)	18.081	3504506	25.856 ug/ml
18) T n-Dotriacontane (C32)	18.917	3635676	27.018 ug/ml
19) T n-Tetratriacontane (C34)	19.703	3087949	23.864 ug/ml
20) T n-Hexatriacontane (C36)	20.444	2878931	24.235 ug/ml
21) T n-Octatriacontane (C38)	21.186	2387794	20.775 ug/ml
22) T n-Tetracontane (C40)	22.107	2242196	19.964 ug/ml

(f)=RT Delta > 1/2 Window

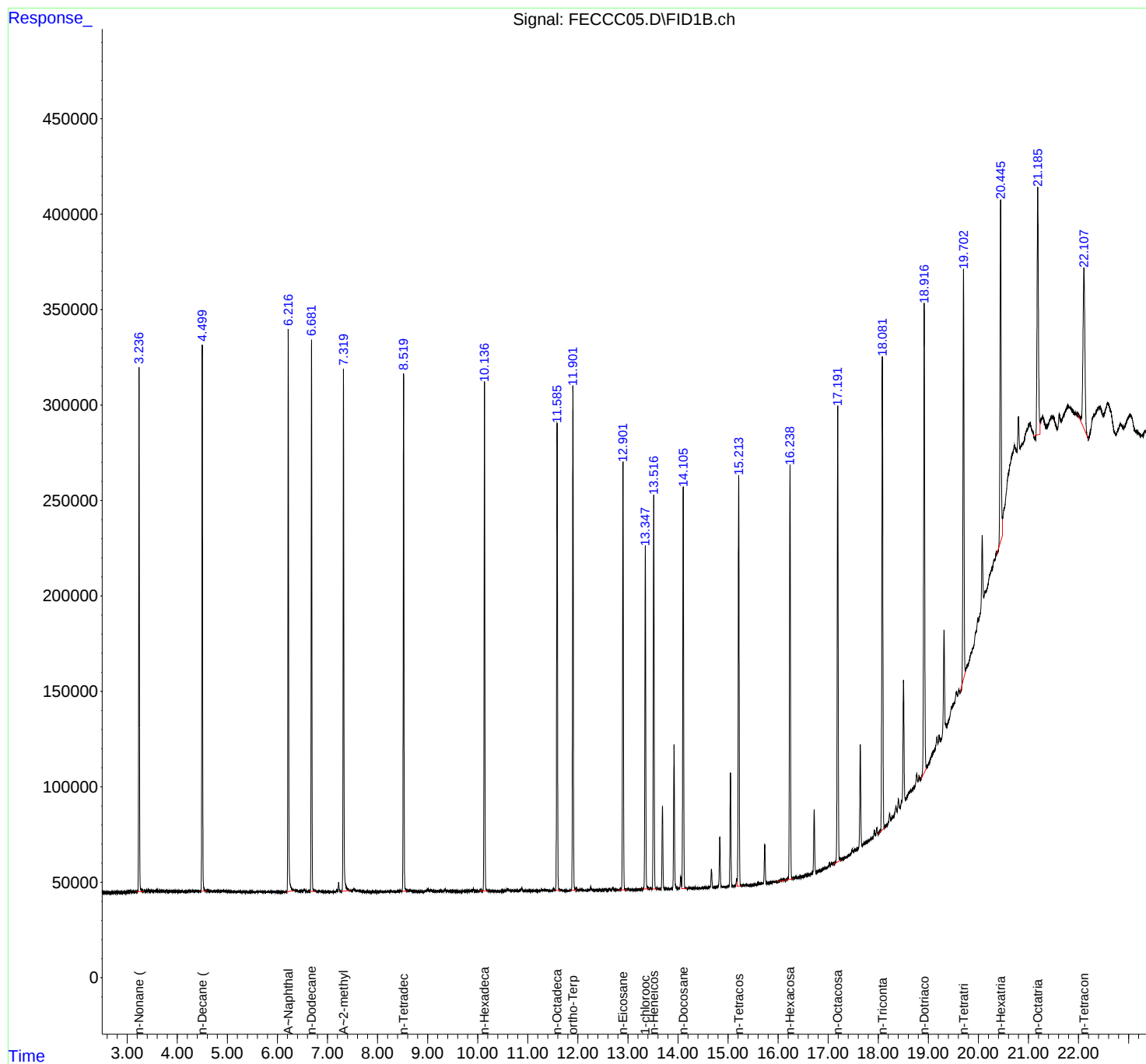
(m)=manual int.

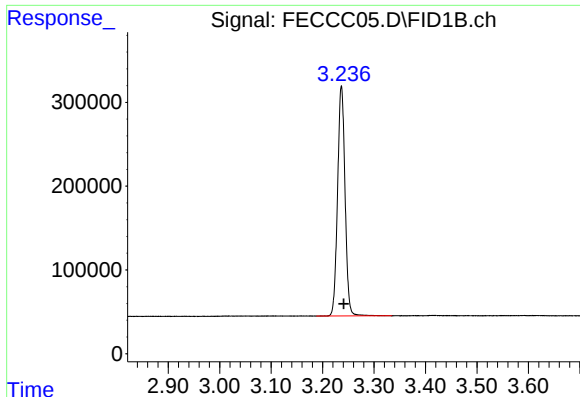
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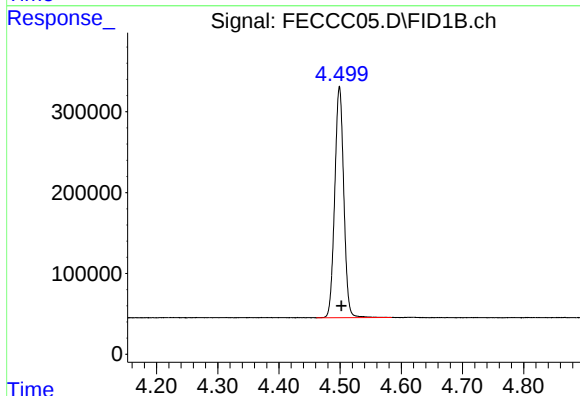




#1 n-Nonane (C9)

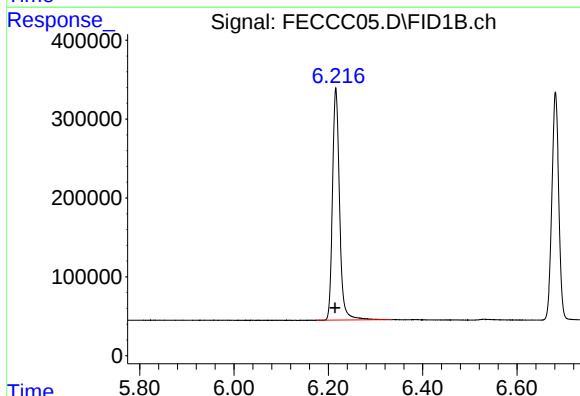
R.T.: 3.237 min
Delta R.T.: -0.004 min
Response: 2770833
Conc: 17.89 ug/ml

Instrument :
FID_E
ClientSampleId :



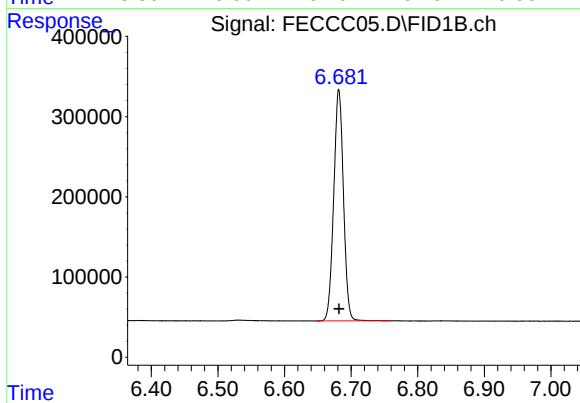
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 2931950
Conc: 18.69 ug/ml



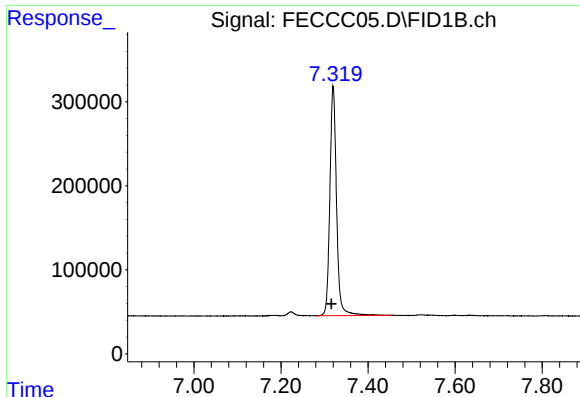
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 3062796
Conc: 18.23 ug/ml



#4 n-Dodecane (C12)

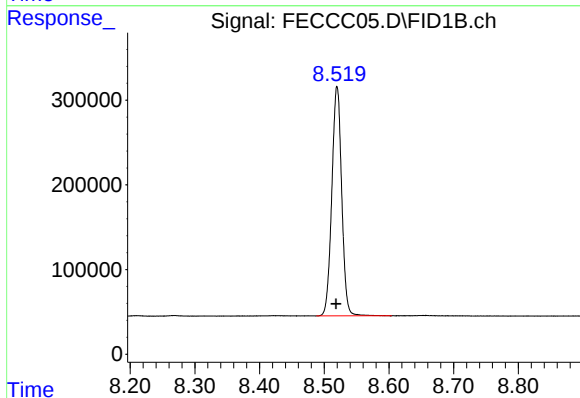
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 2929303
Conc: 18.73 ug/ml



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

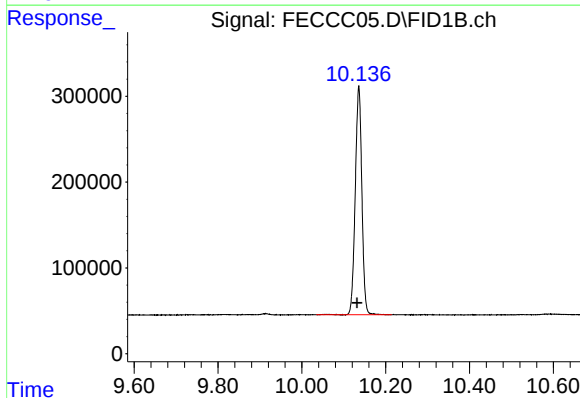
R.T.: 7.320 min
Delta R.T.: 0.004 min
Response: 2914166
Conc: 18.26 ug/ml

Instrument :
FID_E
ClientSampleId :



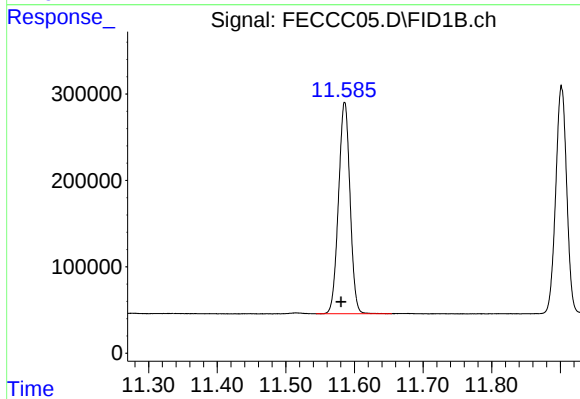
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: 0.002 min
Response: 2877038
Conc: 18.79 ug/ml



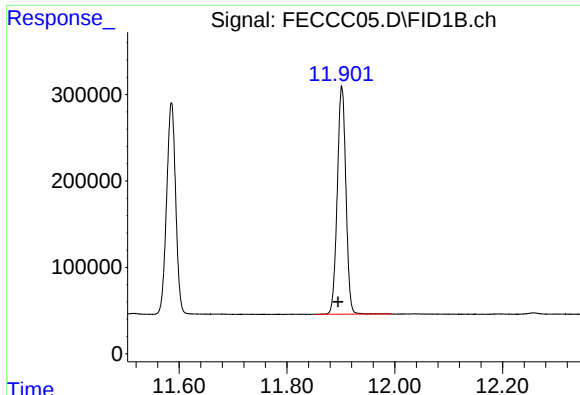
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: 0.004 min
Response: 2912415
Conc: 18.89 ug/ml



#8 n-Octadecane (C18)

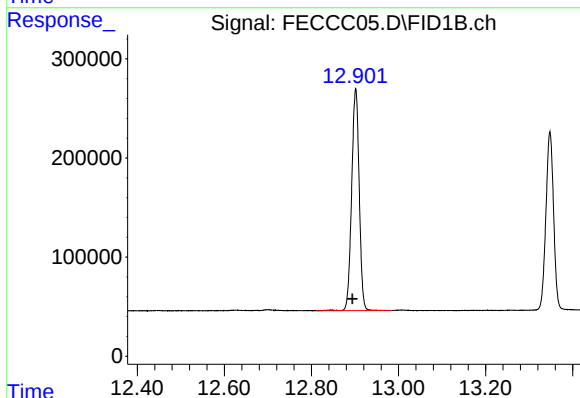
R.T.: 11.586 min
Delta R.T.: 0.006 min
Response: 2849909
Conc: 18.79 ug/ml



#9 ortho-Terphenyl (SURR)

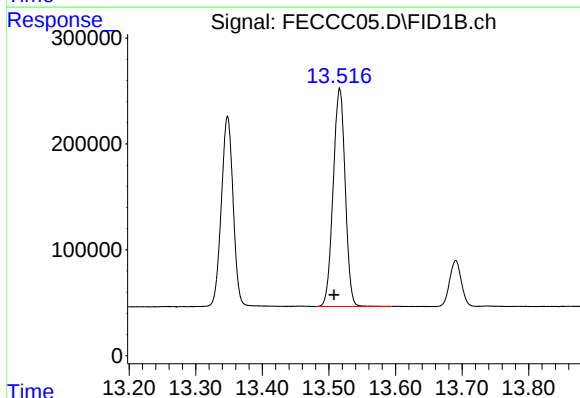
R.T.: 11.902 min
Delta R.T.: 0.007 min
Response: 2940449
Conc: 18.05 ug/ml

Instrument :
FID_E
ClientSampleId :



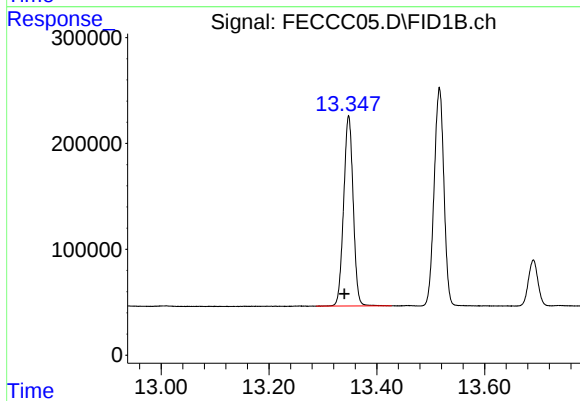
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: 0.007 min
Response: 2690097
Conc: 18.87 ug/ml



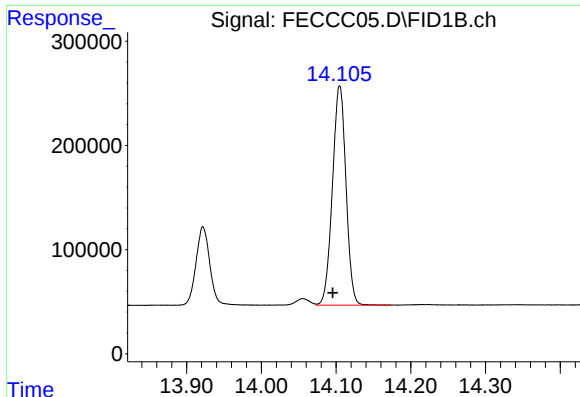
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: 0.008 min
Response: 2589185
Conc: 18.66 ug/ml



#12 1-chlorooctadecane (SURR)

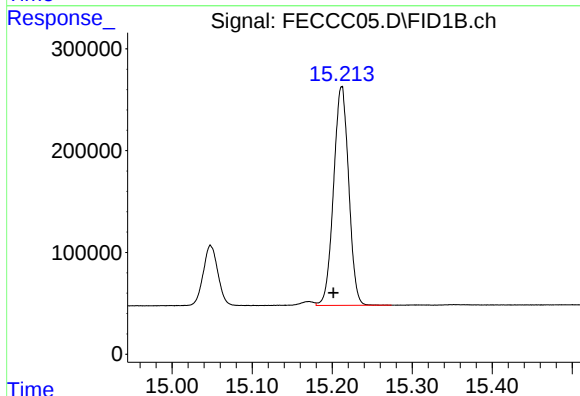
R.T.: 13.348 min
Delta R.T.: 0.008 min
Response: 2207760
Conc: 18.39 ug/ml



#13 n-Docosane (C22)

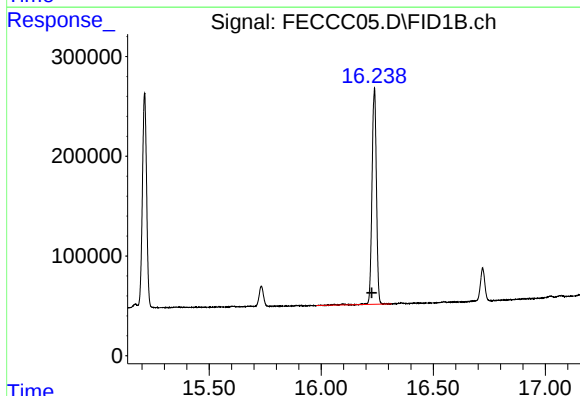
R.T.: 14.105 min
Delta R.T.: 0.009 min
Response: 2653240
Conc: 19.37 ug/ml

Instrument :
FID_E
ClientSampleId :



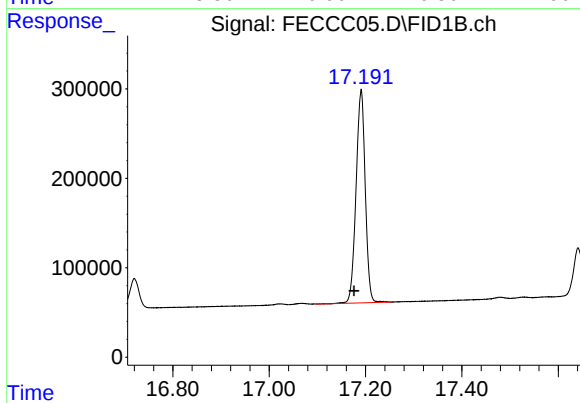
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: 0.010 min
Response: 2818543
Conc: 20.87 ug/ml



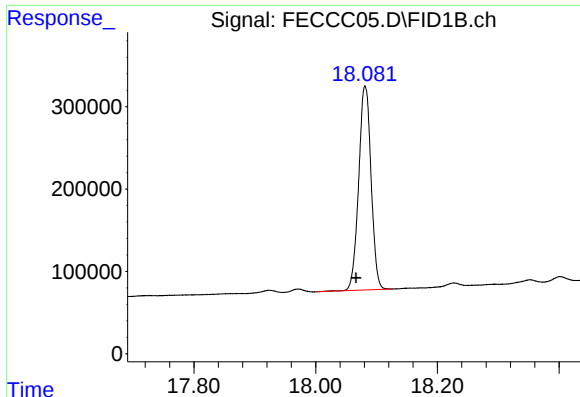
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: 0.012 min
Response: 2985084
Conc: 22.38 ug/ml



#16 n-Octacosane (C28)

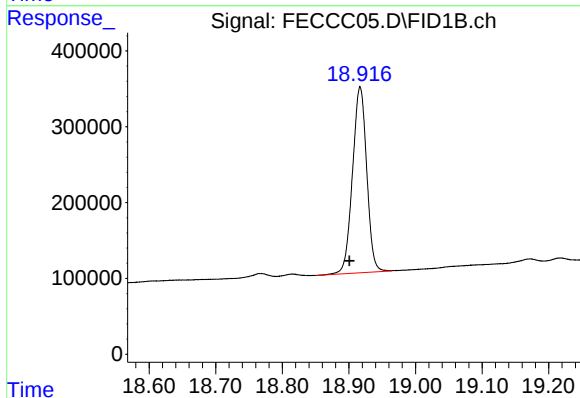
R.T.: 17.191 min
Delta R.T.: 0.014 min
Response: 3165204
Conc: 23.98 ug/ml



#17 n-Tricontane (C30)

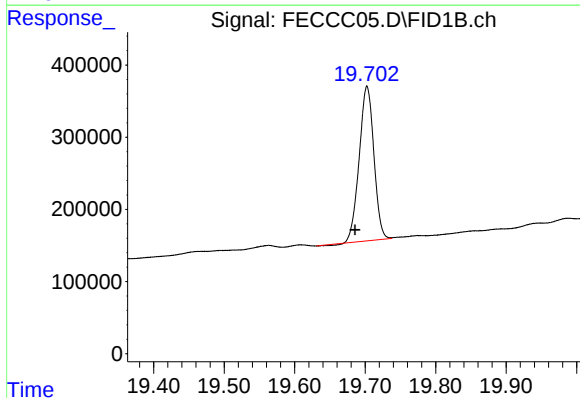
R.T.: 18.081 min
Delta R.T.: 0.015 min
Response: 3504506
Conc: 25.86 ug/ml

Instrument :
FID_E
ClientSampleId :



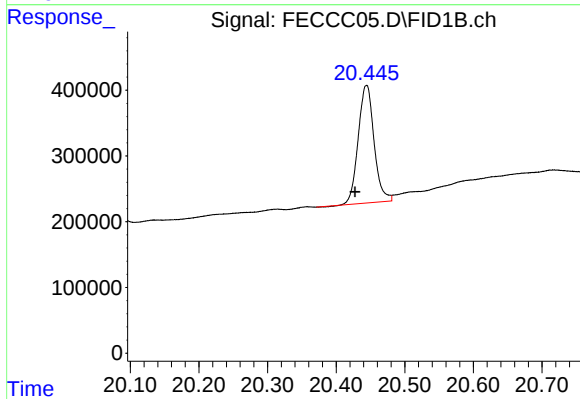
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.016 min
Response: 3635676
Conc: 27.02 ug/ml



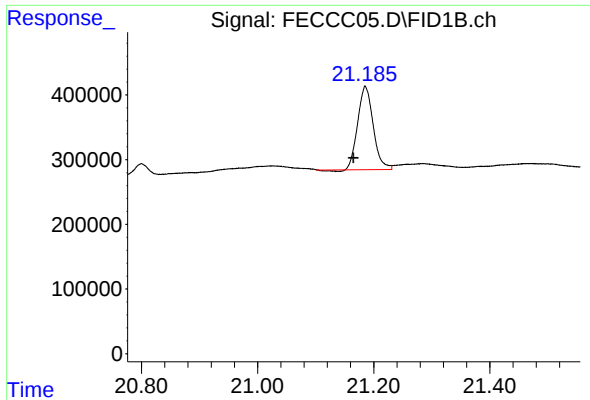
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: 0.017 min
Response: 3087949
Conc: 23.86 ug/ml



#20 n-Hexatriacontane (C36)

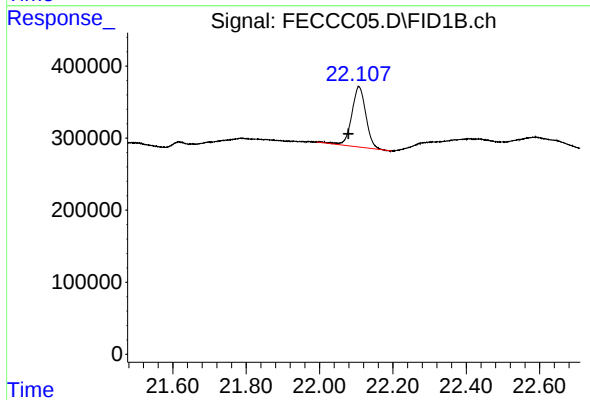
R.T.: 20.444 min
Delta R.T.: 0.016 min
Response: 2878931
Conc: 24.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: 0.021 min
Response: 2387794
Conc: 20.77 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: 0.029 min
Response: 2242196
Conc: 19.96 ug/ml