

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041425AL\
 Data File : FECCC04.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 05:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 05:32:48 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)	11.904	2951037	18.118 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
12) S 1-chlorooctadecane (S...	13.349	2225929	18.543 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
Target Compounds			
1) T n-Nonane (C9)	3.237	2713333	17.523 ug/ml
2) T n-Decane (C10)	4.500	2909794	18.550 ug/ml
3) T A~Naphthalene (C11.7)	6.217	3061026	18.222 ug/ml
4) T n-Dodecane (C12)	6.683	2938688	18.790 ug/ml
5) T A~2-methylnaphthalene...	7.322	2931901	18.375 ug/ml
6) T n-Tetradecane (C14)	8.521	2901527	18.950 ug/ml
7) T n-Hexadecane (C16)	10.137	2930887	19.014 ug/ml
8) T n-Octadecane (C18)	11.587	2869873	18.922 ug/ml
10) T n-Eicosane (C20)	12.903	2719292	19.073 ug/ml
11) T n-Heneicosane (C21)	13.518	2604809	18.771 ug/ml
13) T n-Docosane (C22)	14.106	2697897	19.699 ug/ml
14) T n-Tetracosane (C24)	15.214	2909433	21.542 ug/ml
15) T n-Hexacosane (C26)	16.239	3076678	23.062 ug/ml
16) T n-Octacosane (C28)	17.193	3291035	24.938 ug/ml
17) T n-Tricontane (C30)	18.084	3552994	26.214 ug/ml
18) T n-Dotriacontane (C32)	18.919	3635618	27.018 ug/ml
19) T n-Tetratriacontane (C34)	19.704	3038273	23.480 ug/ml
20) T n-Hexatriacontane (C36)	20.446	2723669	22.928 ug/ml
21) T n-Octatriacontane (C38)	21.188	2026098	17.628 ug/ml
22) T n-Tetracontane (C40)	22.111	2824010	25.144 ug/ml

(f)=RT Delta > 1/2 Window

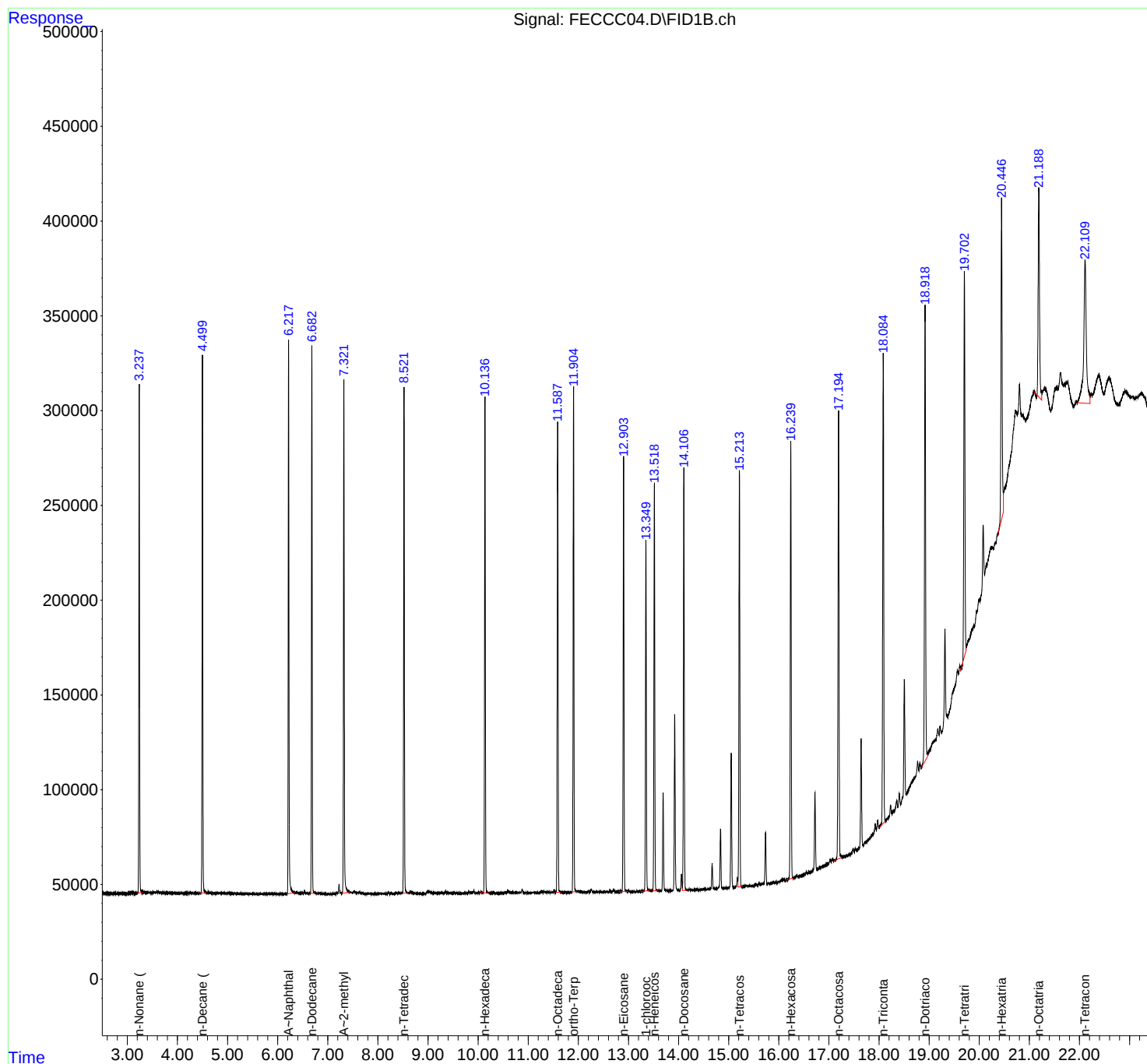
(m)=manual int.

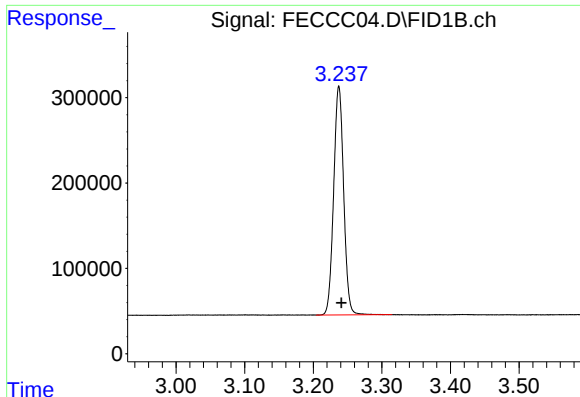
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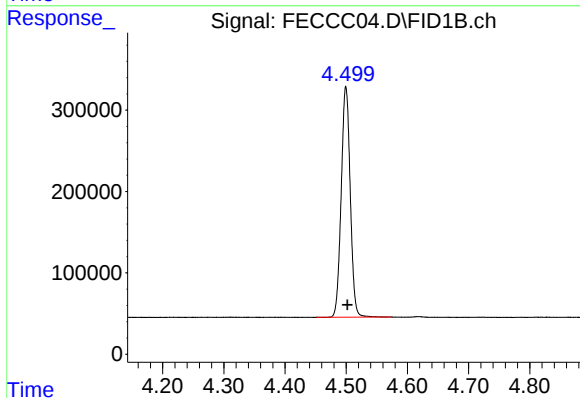




#1 n-Nonane (C9)

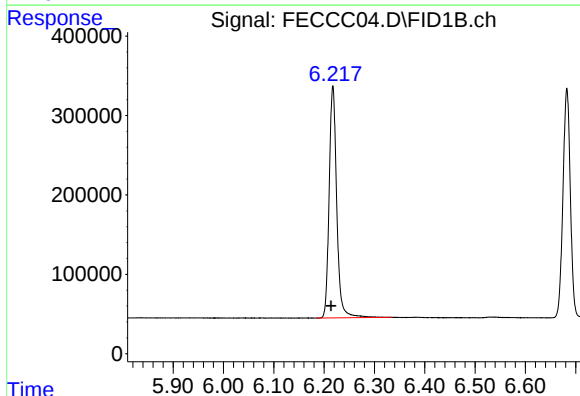
R.T.: 3.237 min
Delta R.T.: -0.004 min
Response: 2713333
Conc: 17.52 ug/ml

Instrument :
FID_E
ClientSampleId :



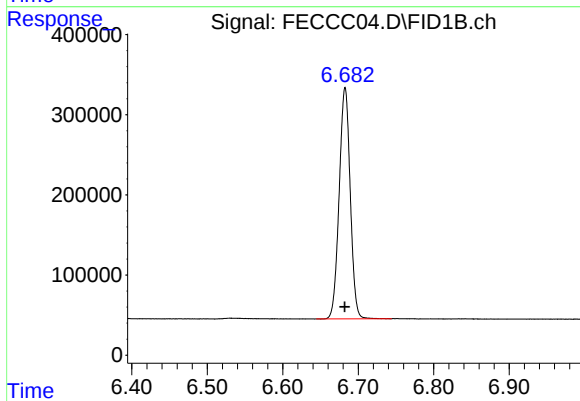
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.002 min
Response: 2909794
Conc: 18.55 ug/ml



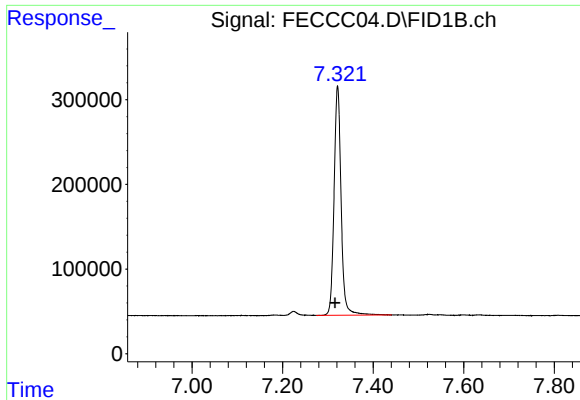
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.003 min
Response: 3061026
Conc: 18.22 ug/ml



#4 n-Dodecane (C12)

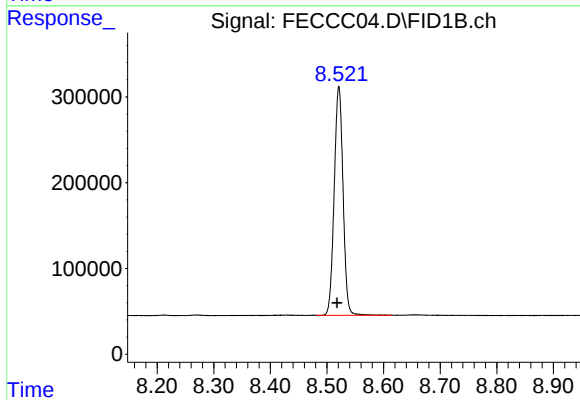
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 2938688
Conc: 18.79 ug/ml



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

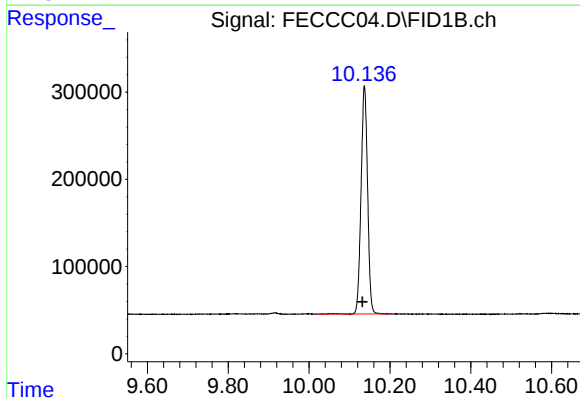
R.T.: 7.322 min
Delta R.T.: 0.005 min
Response: 2931901
Conc: 18.37 ug/ml

Instrument :
FID_E
ClientSampleId :



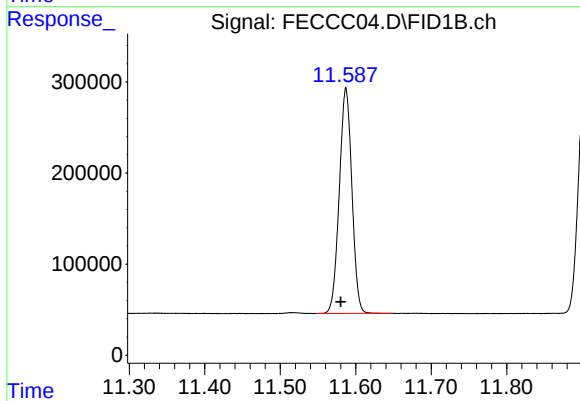
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: 0.003 min
Response: 2901527
Conc: 18.95 ug/ml



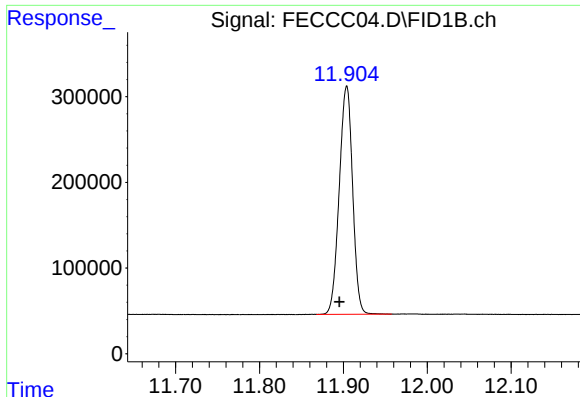
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: 0.005 min
Response: 2930887
Conc: 19.01 ug/ml



#8 n-Octadecane (C18)

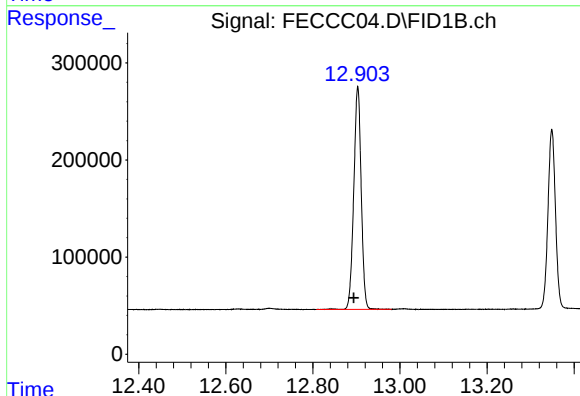
R.T.: 11.587 min
Delta R.T.: 0.007 min
Response: 2869873
Conc: 18.92 ug/ml



#9 ortho-Terphenyl (SURR)

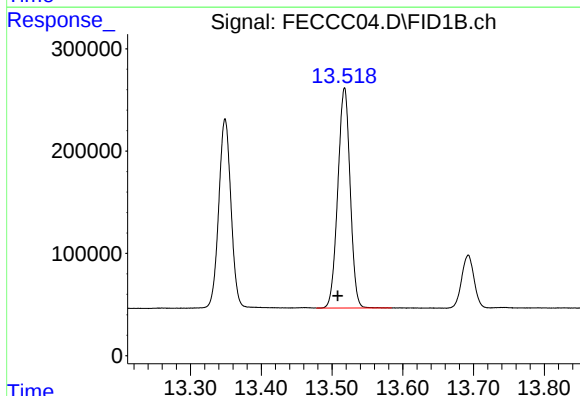
R.T.: 11.904 min
Delta R.T.: 0.009 min
Response: 2951037
Conc: 18.12 ug/ml

Instrument :
FID_E
ClientSampleId :



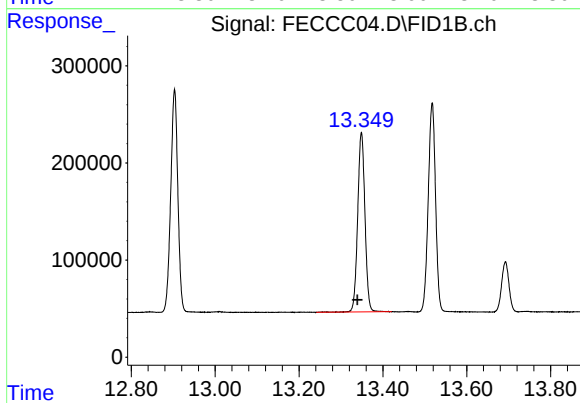
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: 0.009 min
Response: 2719292
Conc: 19.07 ug/ml



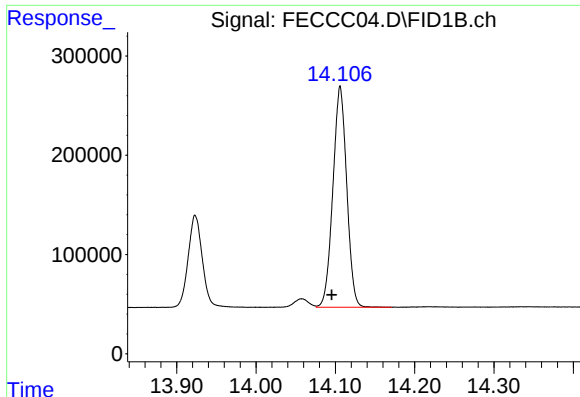
#11 n-Heneicosane (C21)

R.T.: 13.518 min
Delta R.T.: 0.009 min
Response: 2604809
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

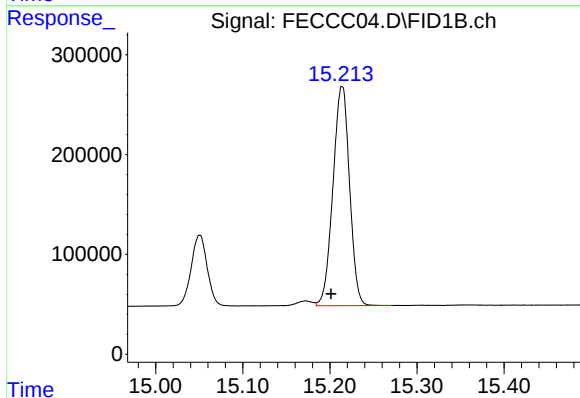
R.T.: 13.349 min
Delta R.T.: 0.009 min
Response: 2225929
Conc: 18.54 ug/ml



#13 n-Docosane (C22)

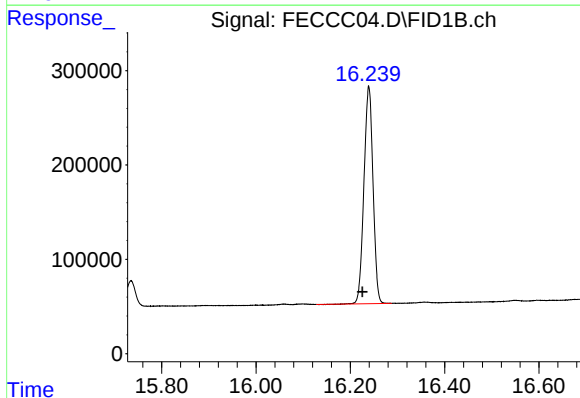
R.T.: 14.106 min
Delta R.T.: 0.011 min
Response: 2697897
Conc: 19.70 ug/ml

Instrument :
FID_E
ClientSampleId :



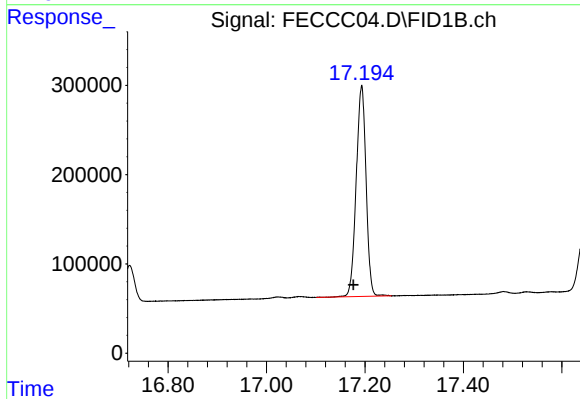
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: 0.012 min
Response: 2909433
Conc: 21.54 ug/ml



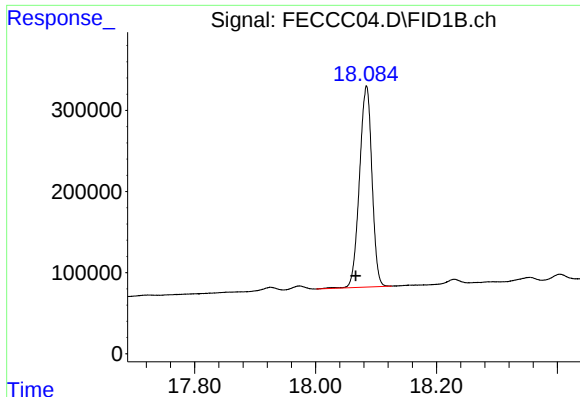
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: 0.014 min
Response: 3076678
Conc: 23.06 ug/ml



#16 n-Octacosane (C28)

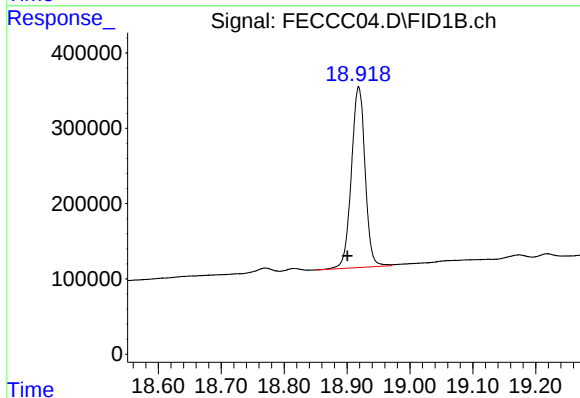
R.T.: 17.193 min
Delta R.T.: 0.017 min
Response: 3291035
Conc: 24.94 ug/ml



#17 n-Tricontane (C30)

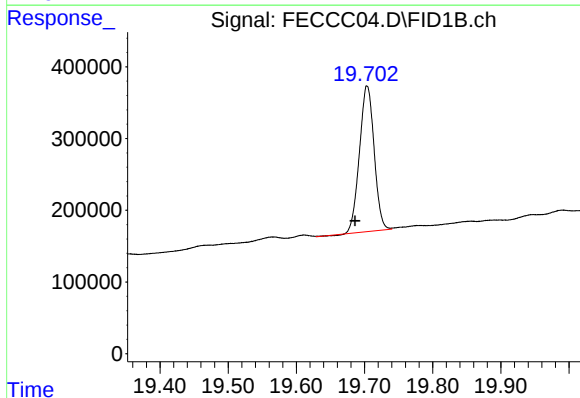
R.T.: 18.084 min
Delta R.T.: 0.018 min
Response: 3552994
Conc: 26.21 ug/ml

Instrument :
FID_E
ClientSampleId :



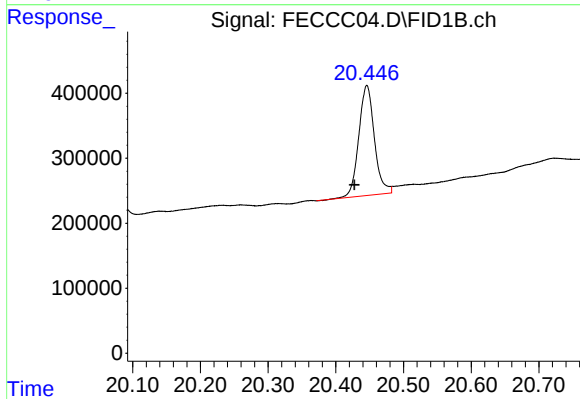
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: 0.018 min
Response: 3635618
Conc: 27.02 ug/ml



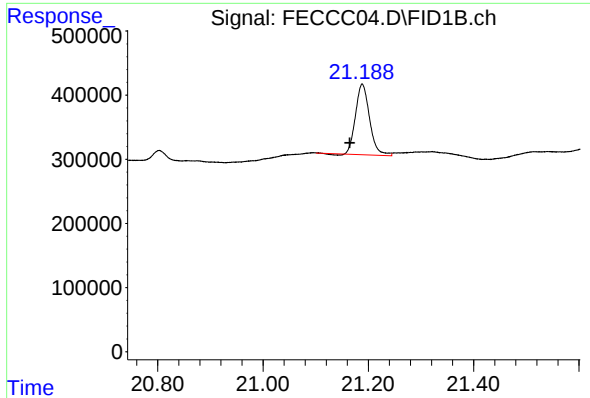
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.018 min
Response: 3038273
Conc: 23.48 ug/ml



#20 n-Hexatriacontane (C36)

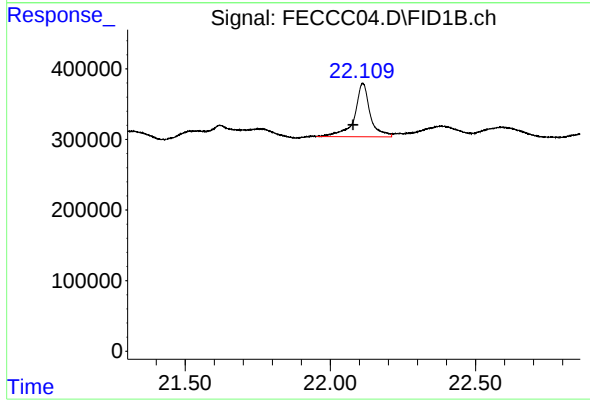
R.T.: 20.446 min
Delta R.T.: 0.018 min
Response: 2723669
Conc: 22.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.023 min
Response: 2026098
Conc: 17.63 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: 0.033 min
Response: 2824010
Conc: 25.14 ug/ml