

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112123AL\
 Data File : FE045464.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2023 08:28
 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: Nov 21 10:26:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.872	3618967	18.955 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	13.315	2474490	17.965 ug/ml
Spiked Amount 50.000		Recovery =	35.93%
Target Compounds			
1) T n-Nonane (C9)	3.259	3199147	19.365 ug/ml
2) T n-Decane (C10)	4.510	3256778	19.423 ug/ml
3) T A~Naphthalene (C11.7)	6.211	3406362	19.083 ug/ml
4) T n-Dodecane (C12)	6.676	3260389	19.305 ug/ml
5) T A~2-methylnaphthalene...	7.307	3219504	18.749 ug/ml
6) T n-Tetradecane (C14)	8.503	3189621	19.138 ug/ml
7) T n-Hexadecane (C16)	10.114	3189086	18.960 ug/ml
8) T n-Octadecane (C18)	11.558	3148335	18.811 ug/ml
10) T n-Eicosane (C20)	12.870	2958030	18.673 ug/ml
11) T n-Heneicosane (C21)	13.483	2875030	18.698 ug/ml
13) T n-Docosane (C22)	14.070	2822726	18.630 ug/ml
14) T n-Tetracosane (C24)	15.175	2754552	18.598 ug/ml
15) T n-Hexacosane (C26)	16.199	2705318	18.561 ug/ml
16) T n-Octacosane (C28)	17.151	2690662	18.413 ug/ml
17) T n-Tricontane (C30)	18.041	2767748	18.221 ug/ml
18) T n-Dotriacontane (C32)	18.876	2825864	18.089 ug/ml
19) T n-Tetratriacontane (C34)	19.661	2852860	18.271 ug/ml
20) T n-Hexatriacontane (C36)	20.405	2909662	17.926 ug/ml
21) T n-Octatriacontane (C38)	21.140	2978861	17.930 ug/ml
22) T n-Tetracontane (C40)	22.051	2906148	17.014 ug/ml

(f)=RT Delta > 1/2 Window

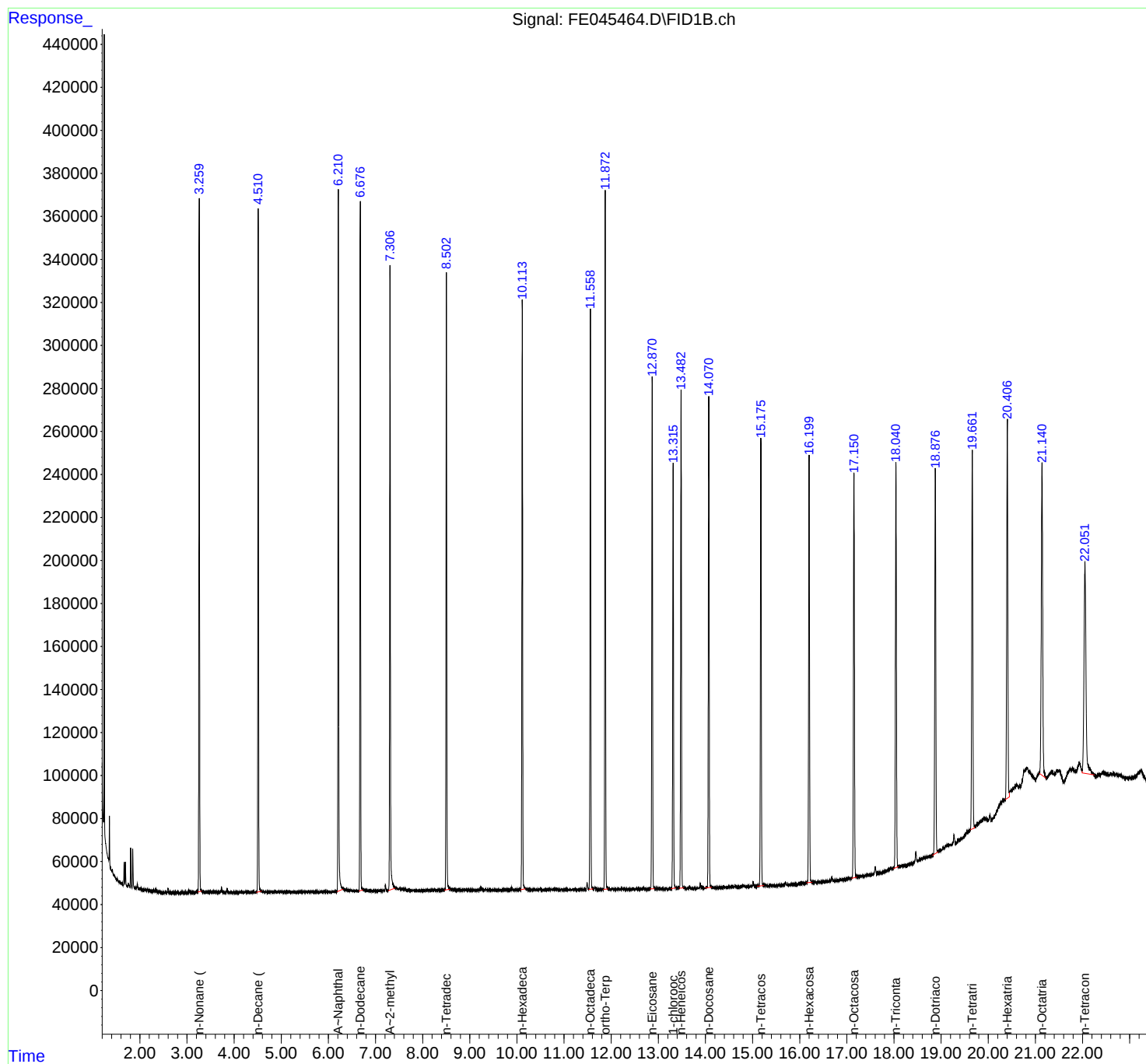
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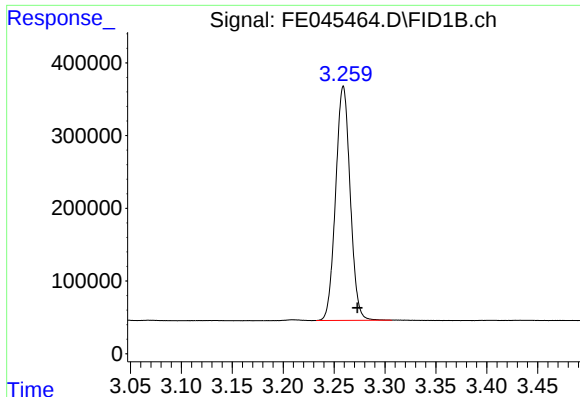
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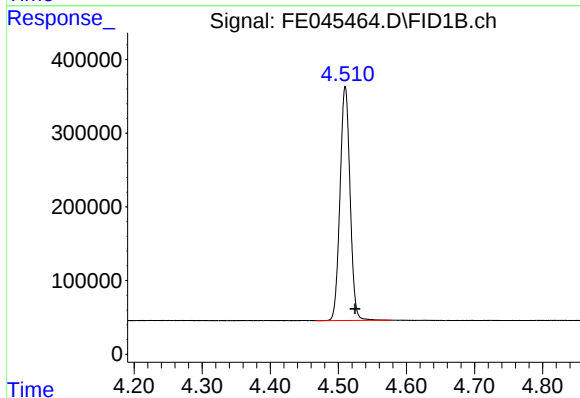




#1 n-Nonane (C9)

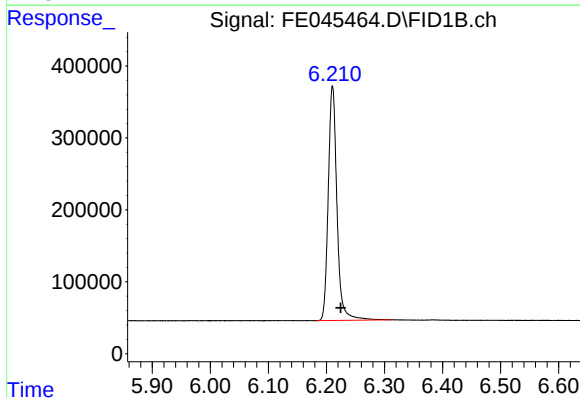
R.T.: 3.259 min
Delta R.T.: -0.014 min
Response: 3199147
Conc: 19.37 ug/ml

Instrument :
FID_E
ClientSampleId :



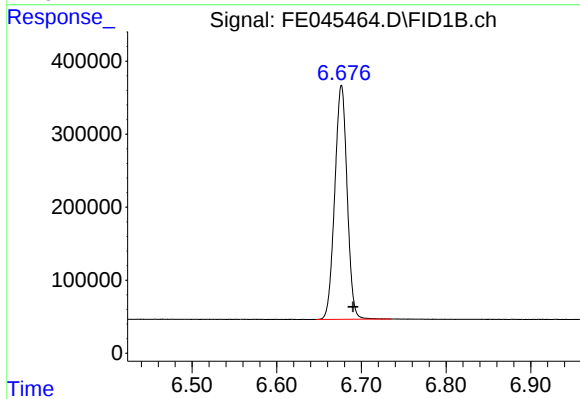
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.014 min
Response: 3256778
Conc: 19.42 ug/ml



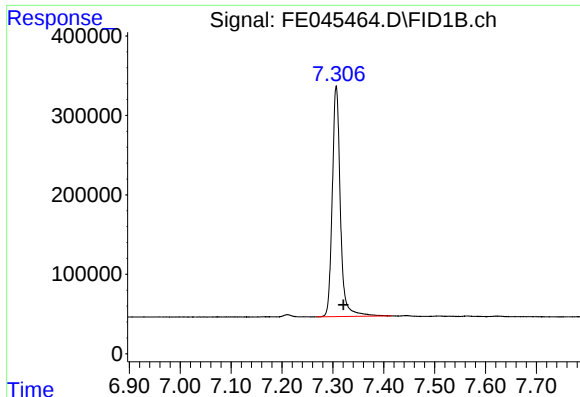
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.014 min
Response: 3406362
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

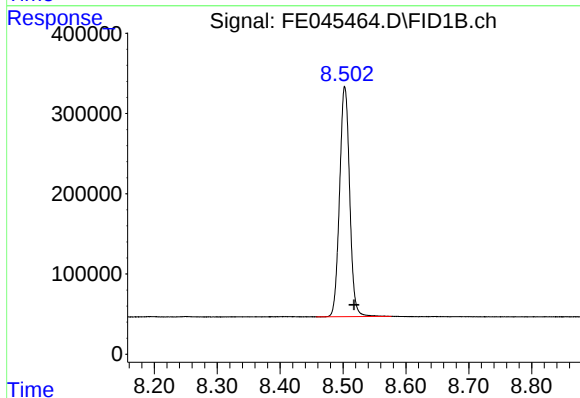
R.T.: 6.676 min
Delta R.T.: -0.014 min
Response: 3260389
Conc: 19.31 ug/ml



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

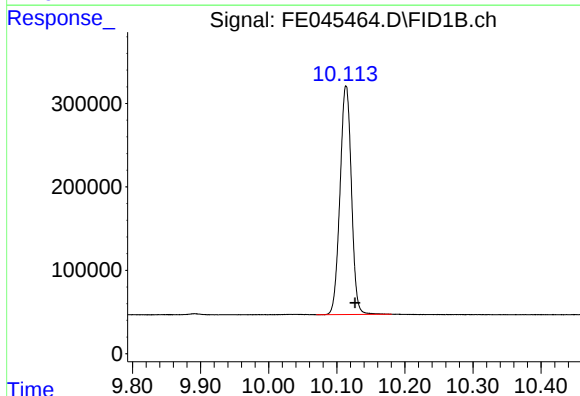
R.T.: 7.307 min
Delta R.T.: -0.014 min
Response: 3219504
Conc: 18.75 ug/ml

Instrument :
FID_E
ClientSampleId :



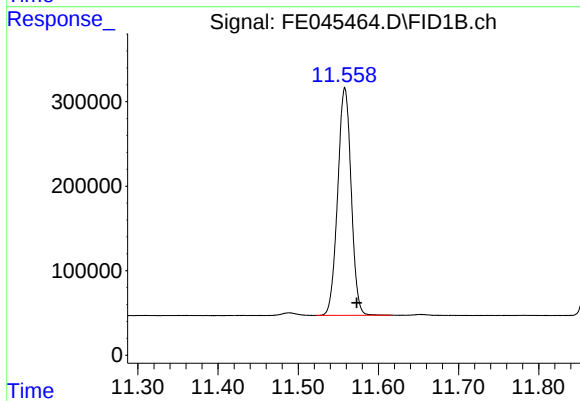
#6 n-Tetradecane (C14)

R.T.: 8.503 min
Delta R.T.: -0.015 min
Response: 3189621
Conc: 19.14 ug/ml



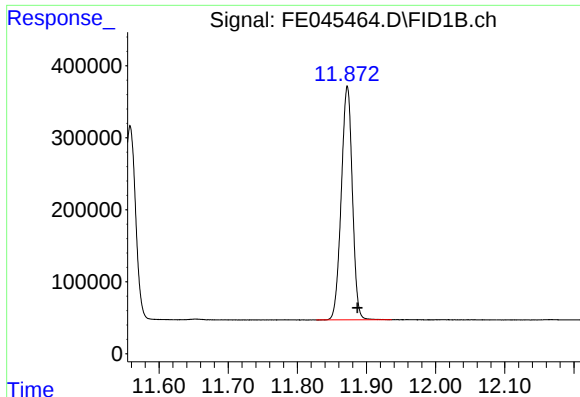
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.013 min
Response: 3189086
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

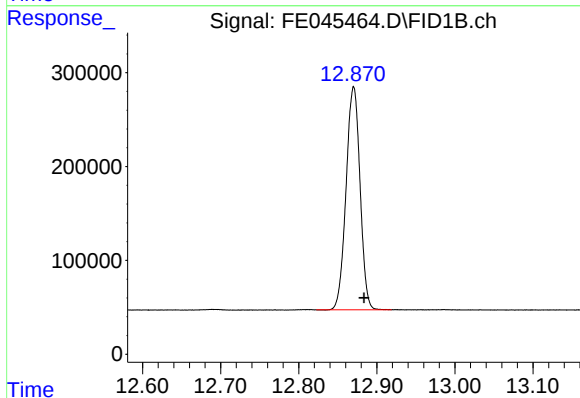
R.T.: 11.558 min
Delta R.T.: -0.015 min
Response: 3148335
Conc: 18.81 ug/ml



#9 ortho-Terphenyl (SURR)

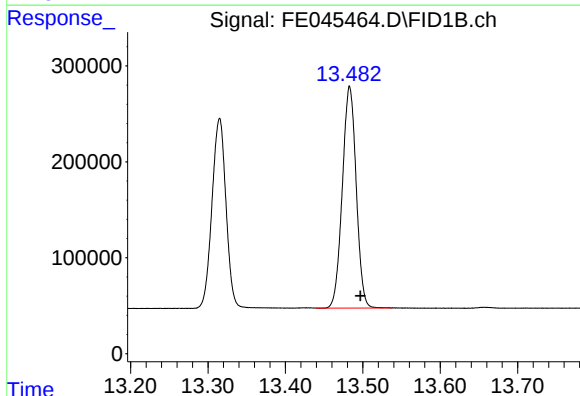
R.T.: 11.872 min
Delta R.T.: -0.014 min
Response: 3618967
Conc: 18.95 ug/ml

Instrument :
FID_E
ClientSampleId :



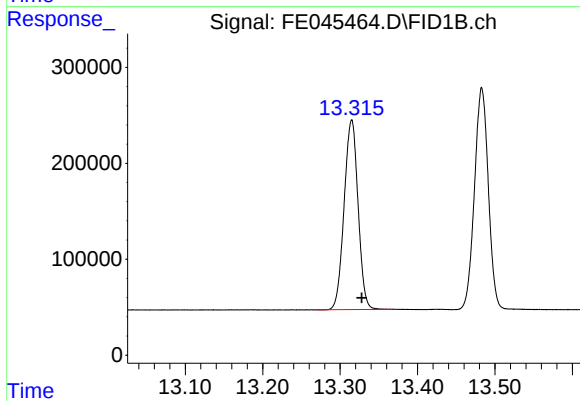
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: -0.013 min
Response: 2958030
Conc: 18.67 ug/ml



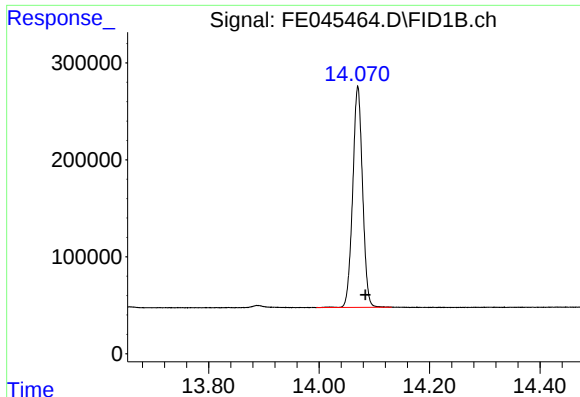
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: -0.014 min
Response: 2875030
Conc: 18.70 ug/ml



#12 1-chlorooctadecane (SURR)

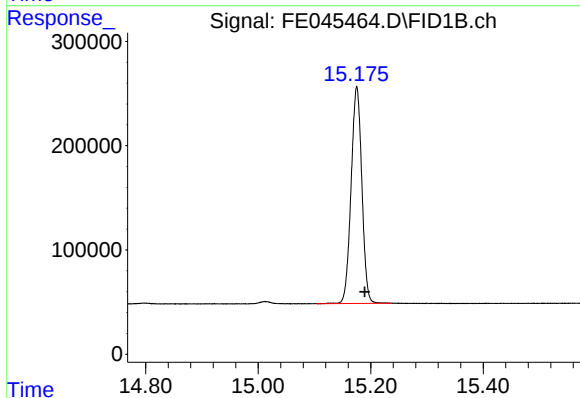
R.T.: 13.315 min
Delta R.T.: -0.013 min
Response: 2474490
Conc: 17.97 ug/ml



#13 n-Docosane (C22)

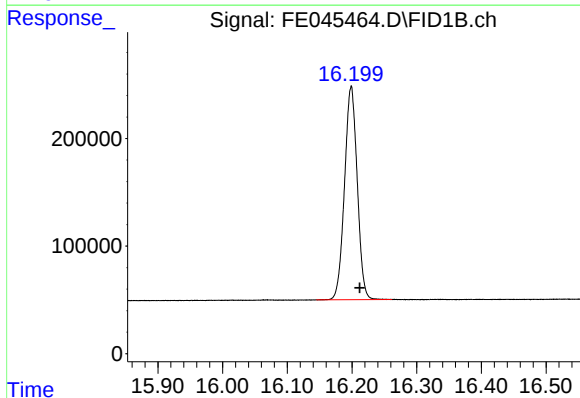
R.T.: 14.070 min
Delta R.T.: -0.014 min
Response: 2822726
Conc: 18.63 ug/ml

Instrument :
FID_E
ClientSampleId :



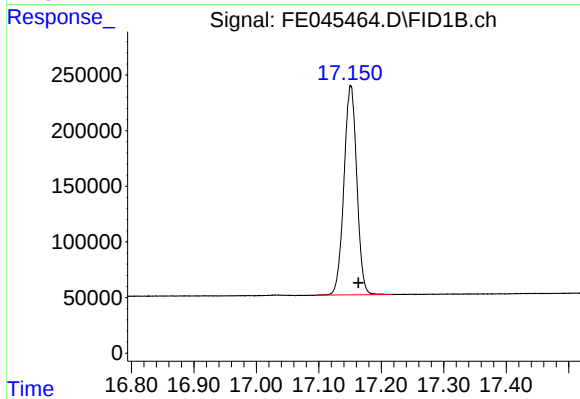
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.014 min
Response: 2754552
Conc: 18.60 ug/ml



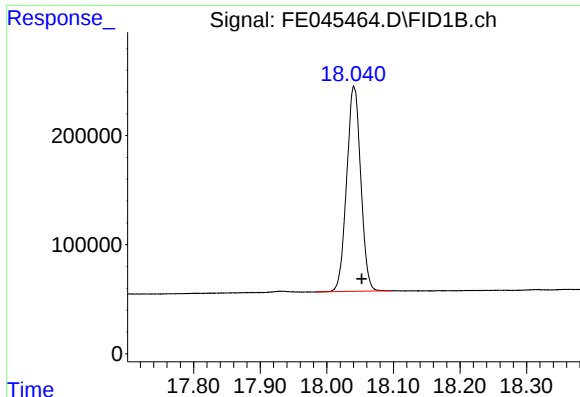
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: -0.013 min
Response: 2705318
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

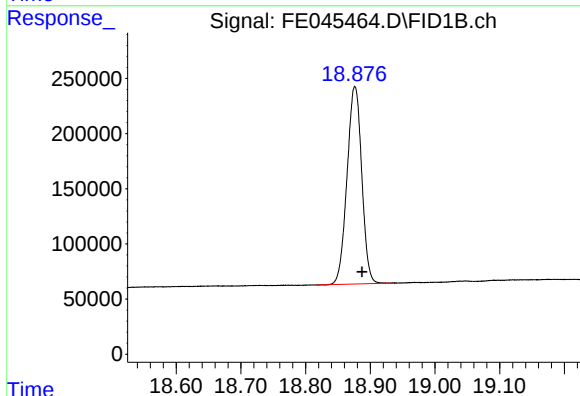
R.T.: 17.151 min
Delta R.T.: -0.012 min
Response: 2690662
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

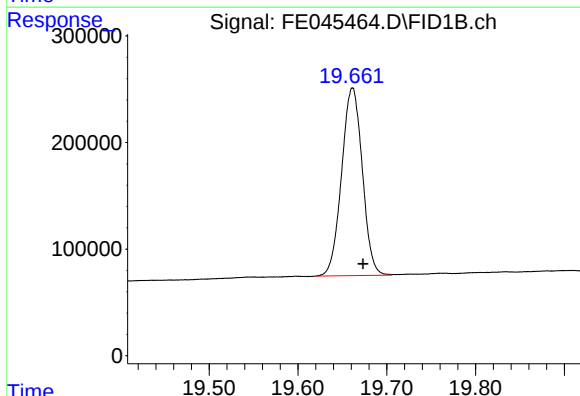
R.T.: 18.041 min
Delta R.T.: -0.012 min
Response: 2767748
Conc: 18.22 ug/ml

Instrument :
FID_E
ClientSampleId :



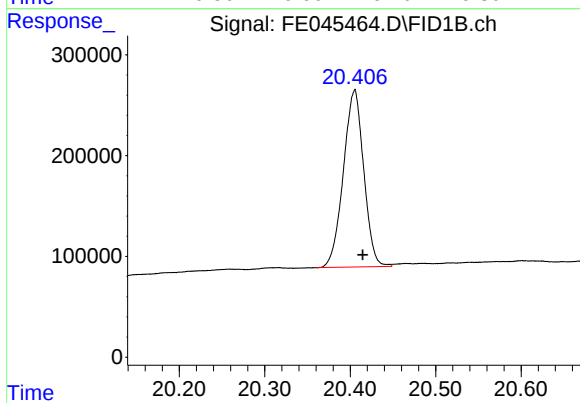
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: -0.011 min
Response: 2825864
Conc: 18.09 ug/ml



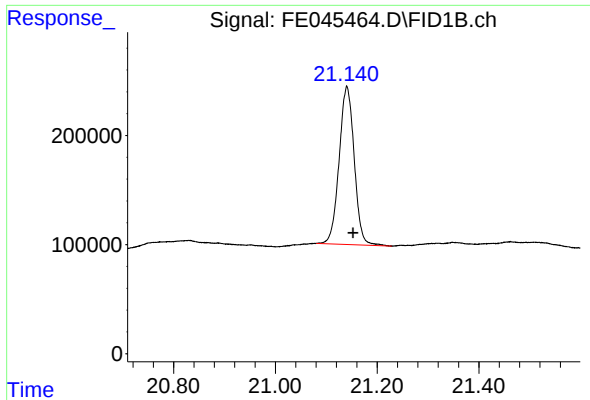
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.012 min
Response: 2852860
Conc: 18.27 ug/ml



#20 n-Hexatriacontane (C36)

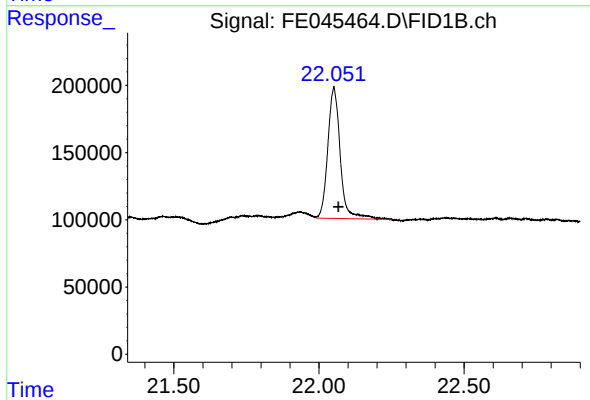
R.T.: 20.405 min
Delta R.T.: -0.010 min
Response: 2909662
Conc: 17.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.012 min
Response: 2978861
Conc: 17.93 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.051 min
Delta R.T.: -0.016 min
Response: 2906148
Conc: 17.01 ug/ml