

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022024AL\
 Data File : FE046860.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2024 12:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 12:58:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.790	3116862	18.971 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
12) S 1-chlorooctadecane (S...	13.233	2349843	19.089 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T n-Nonane (C9)	3.186	2976195	19.517 ug/ml
2) T n-Decane (C10)	4.436	3009498	19.431 ug/ml
3) T A~Naphthalene (C11.7)	6.141	3012201	19.125 ug/ml
4) T n-Dodecane (C12)	6.603	3018259	19.412 ug/ml
5) T A~2-methylnaphthalene...	7.238	2712827	18.918 ug/ml
6) T n-Tetradecane (C14)	8.429	2970758	19.266 ug/ml
7) T n-Hexadecane (C16)	10.036	3029815	19.096 ug/ml
8) T n-Octadecane (C18)	11.478	3053309	19.153 ug/ml
10) T n-Eicosane (C20)	12.787	2874498	18.990 ug/ml
11) T n-Heneicosane (C21)	13.398	2808899	18.969 ug/ml
13) T n-Docosane (C22)	13.985	2771523	19.049 ug/ml
14) T n-Tetracosane (C24)	15.088	2725651	19.085 ug/ml
15) T n-Hexacosane (C26)	16.109	2659458	19.031 ug/ml
16) T n-Octacosane (C28)	17.058	2584087	18.967 ug/ml
17) T n-Tricontane (C30)	17.946	2633957	18.879 ug/ml
18) T n-Dotriacontane (C32)	18.780	2577302	18.730 ug/ml
19) T n-Tetratriacontane (C34)	19.564	2531393	18.844 ug/ml
20) T n-Hexatriacontane (C36)	20.305	2553582	19.177 ug/ml
21) T n-Octatriacontane (C38)	21.024	2621806	19.028 ug/ml
22) T n-Tetracontane (C40)	21.898	2747172	19.471 ug/ml

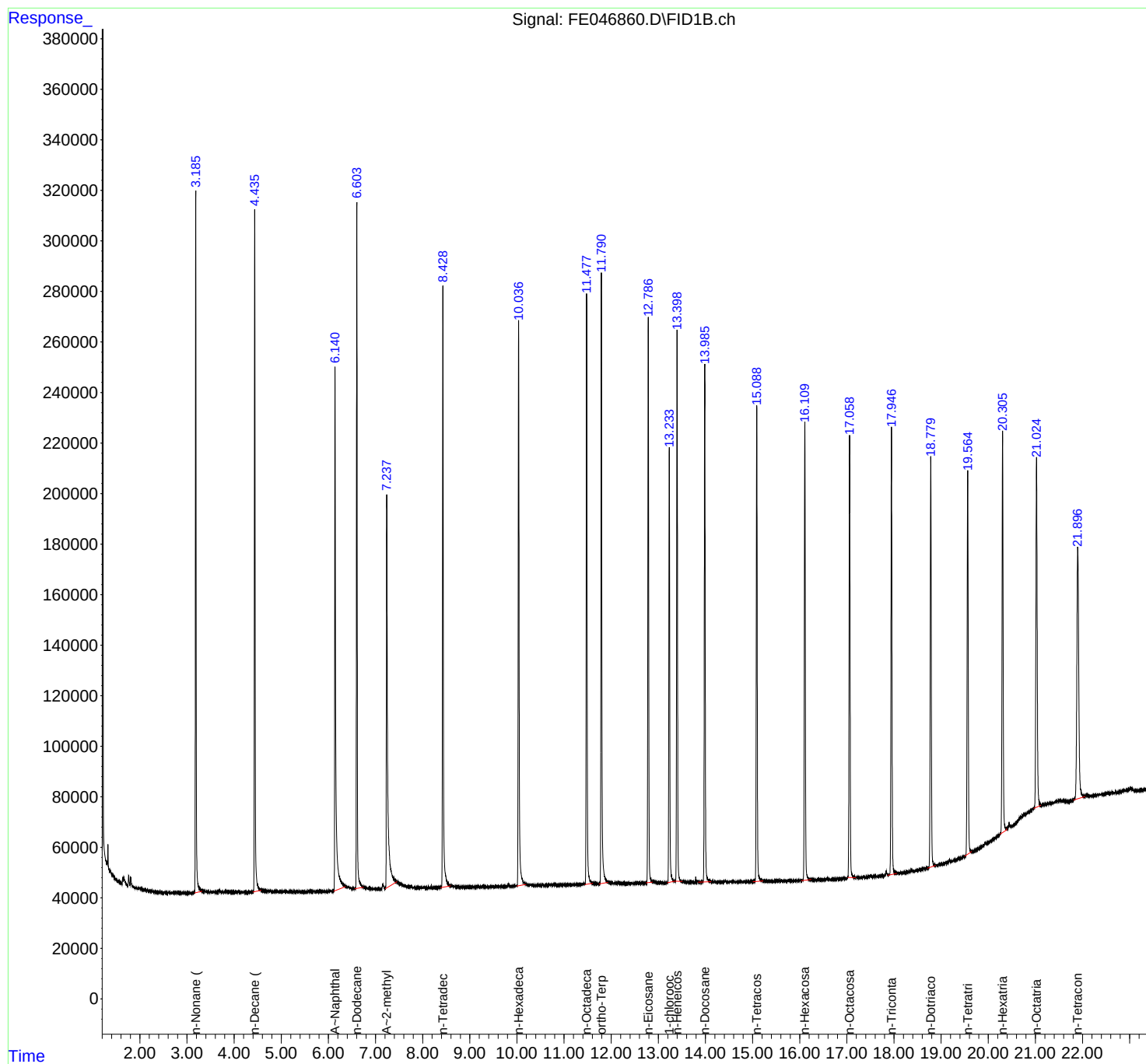
(f)=RT Delta > 1/2 Window

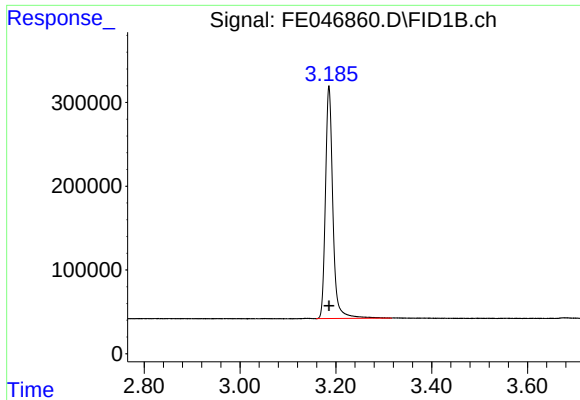
(m)=manual int.

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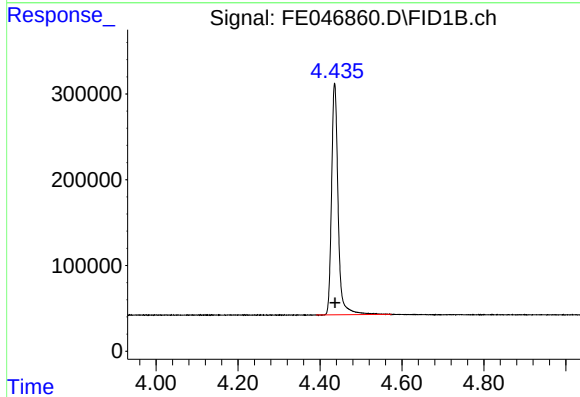
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





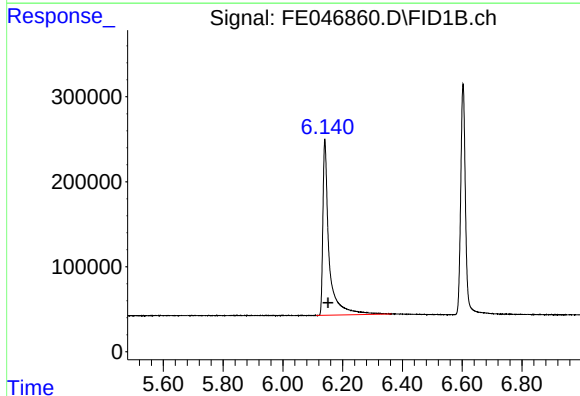
#1 n-Nonane (C9)

R.T.: 3.186 min
Delta R.T.: 0.000 min
Response: 2976195
Conc: 19.52 ug/ml



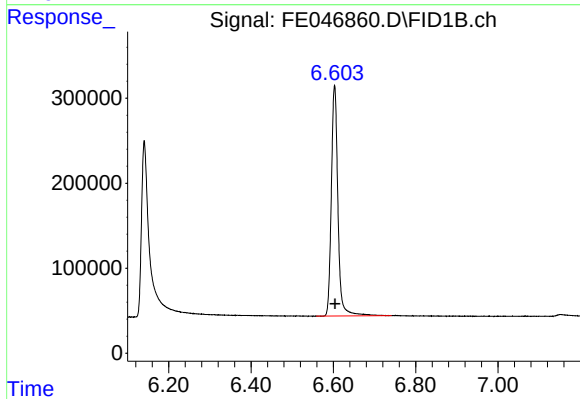
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 3009498
Conc: 19.43 ug/ml



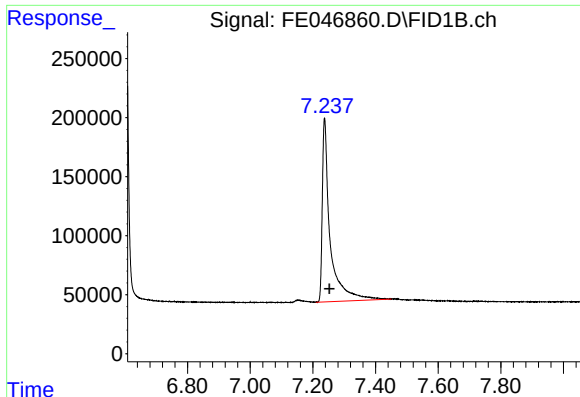
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.011 min
Response: 3012201
Conc: 19.12 ug/ml



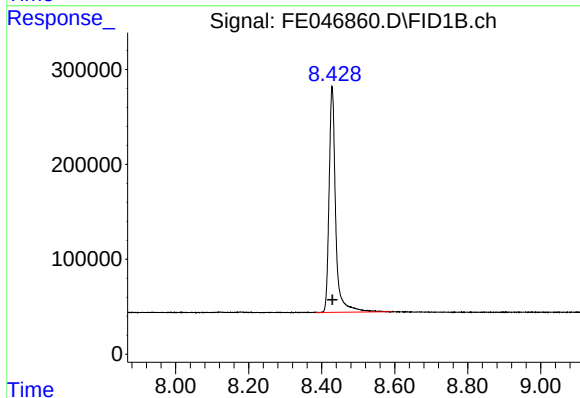
#4 n-Dodecane (C12)

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 3018259
Conc: 19.41 ug/ml



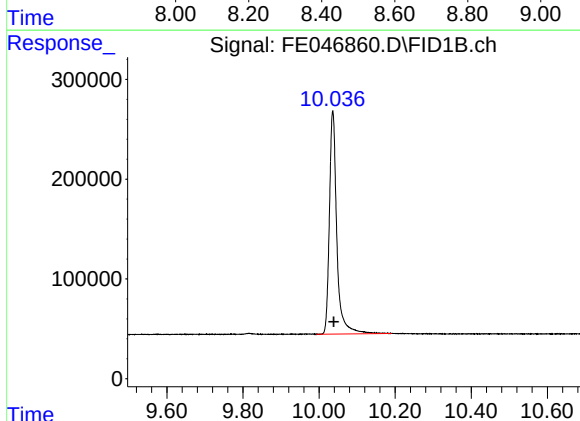
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: -0.015 min
Response: 2712827
Conc: 18.92 ug/ml



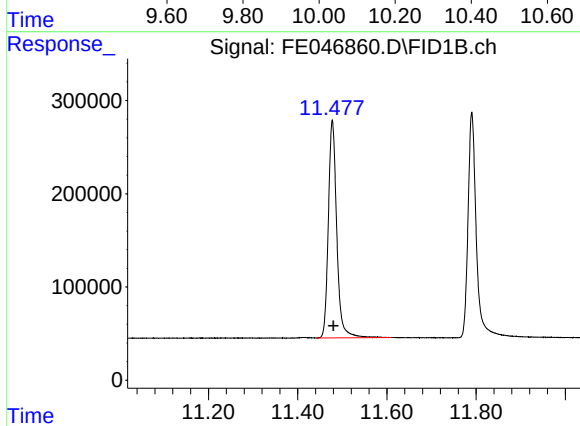
#6 n-Tetradecane (C14)

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 2970758
Conc: 19.27 ug/ml



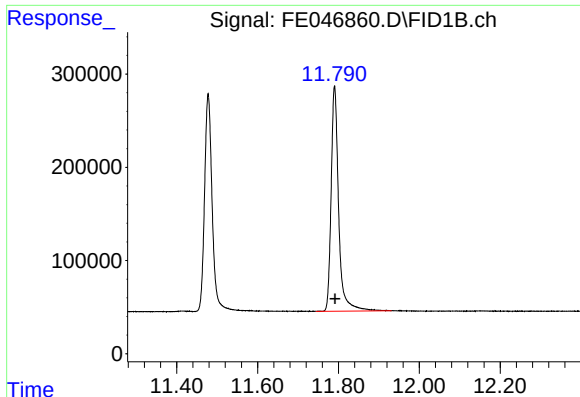
#7 n-Hexadecane (C16)

R.T.: 10.036 min
Delta R.T.: -0.002 min
Response: 3029815
Conc: 19.10 ug/ml



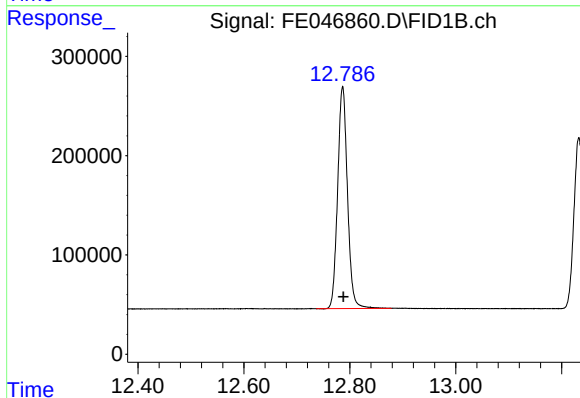
#8 n-Octadecane (C18)

R.T.: 11.478 min
Delta R.T.: -0.002 min
Response: 3053309
Conc: 19.15 ug/ml



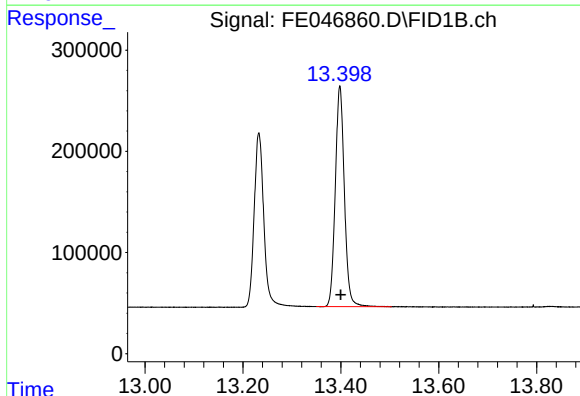
#9 ortho-Terphenyl (SURR)

R.T.: 11.790 min
Delta R.T.: -0.002 min
Response: 3116862
Conc: 18.97 ug/ml



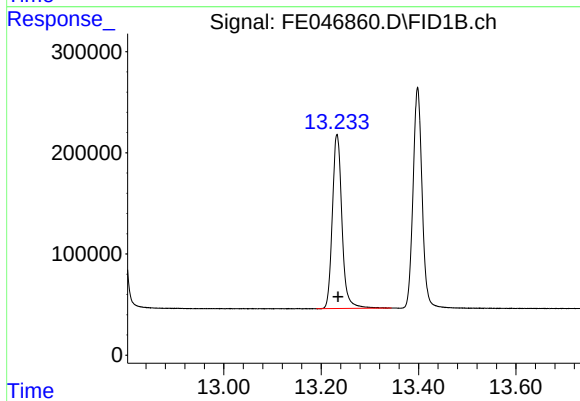
#10 n-Eicosane (C20)

R.T.: 12.787 min
Delta R.T.: -0.001 min
Response: 2874498
Conc: 18.99 ug/ml



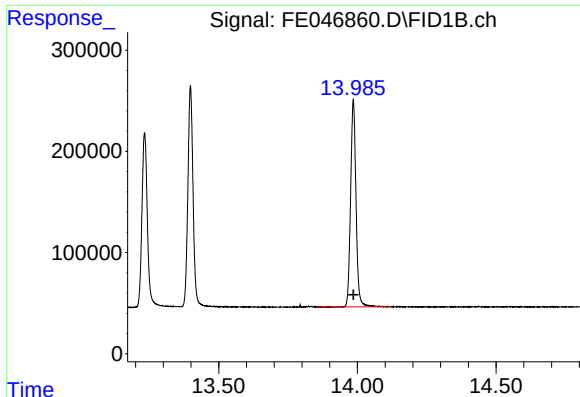
#11 n-Heneicosane (C21)

R.T.: 13.398 min
Delta R.T.: -0.002 min
Response: 2808899
Conc: 18.97 ug/ml



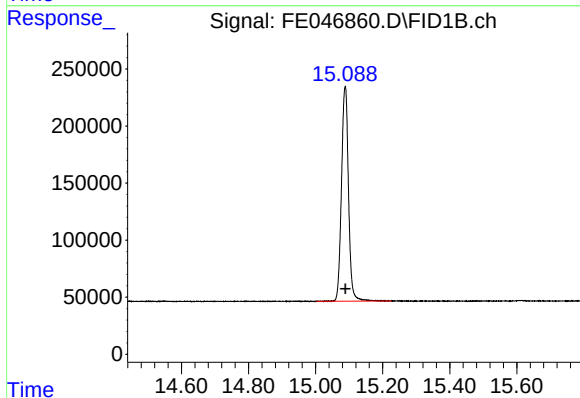
#12 1-chlorooctadecane (SURR)

R.T.: 13.233 min
Delta R.T.: -0.002 min
Response: 2349843
Conc: 19.09 ug/ml



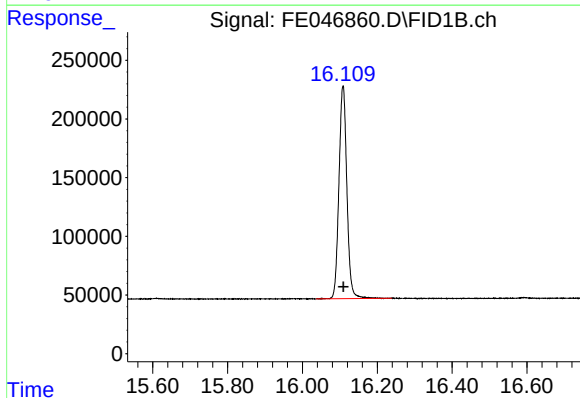
#13 n-Docosane (C22)

R.T.: 13.985 min
Delta R.T.: 0.000 min
Response: 2771523
Conc: 19.05 ug/ml



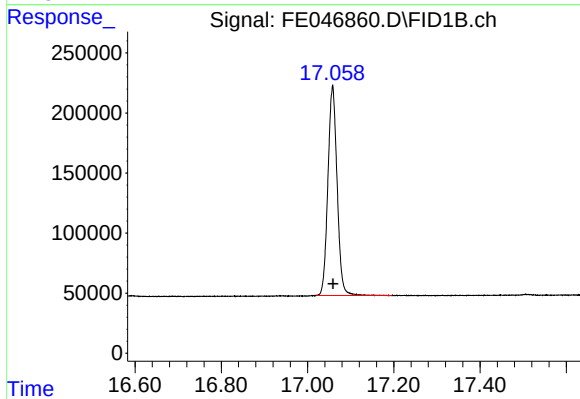
#14 n-Tetracosane (C24)

R.T.: 15.088 min
Delta R.T.: 0.000 min
Response: 2725651
Conc: 19.08 ug/ml



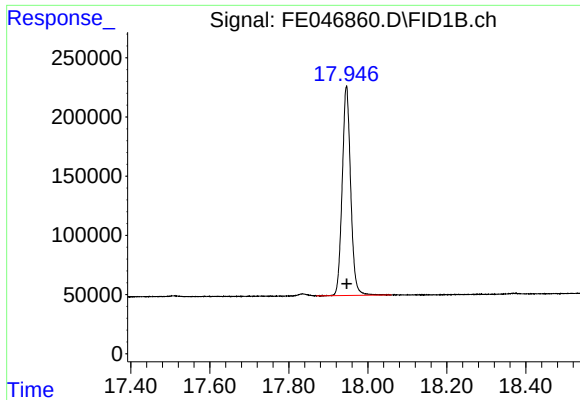
#15 n-Hexacosane (C26)

R.T.: 16.109 min
Delta R.T.: 0.000 min
Response: 2659458
Conc: 19.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.058 min
Delta R.T.: 0.000 min
Response: 2584087
Conc: 18.97 ug/ml



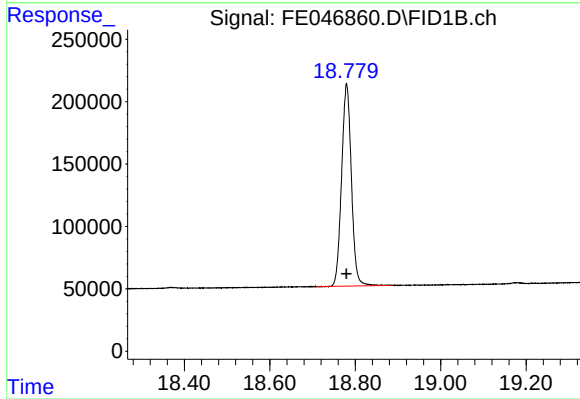
#17 n-Tricontane (C30)

R.T.: 17.946 min

Delta R.T.: 0.000 min

Response: 2633957

Conc: 18.88 ug/ml



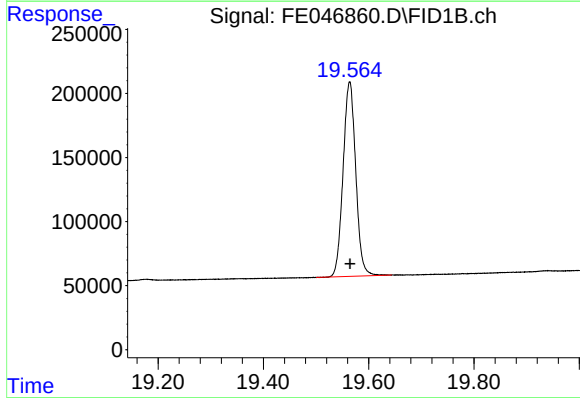
#18 n-Dotriacontane (C32)

R.T.: 18.780 min

Delta R.T.: 0.000 min

Response: 2577302

Conc: 18.73 ug/ml



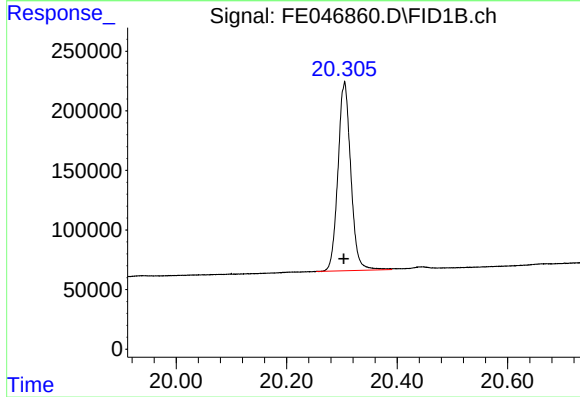
#19 n-Tetratriacontane (C34)

R.T.: 19.564 min

Delta R.T.: 0.000 min

Response: 2531393

Conc: 18.84 ug/ml



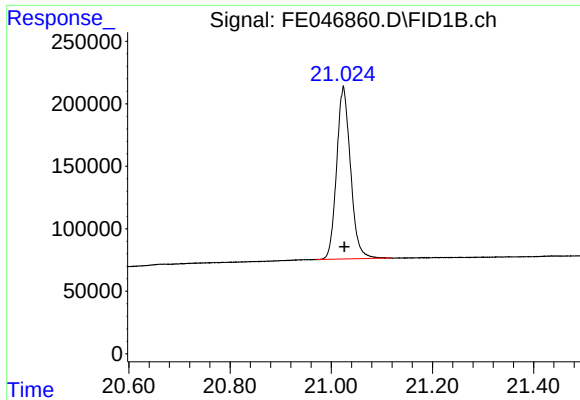
#20 n-Hexatriacontane (C36)

R.T.: 20.305 min

Delta R.T.: 0.002 min

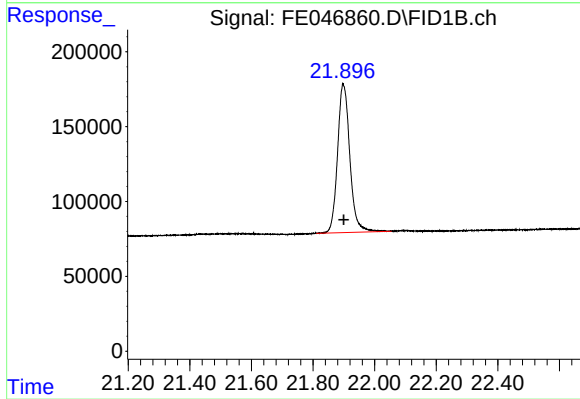
Response: 2553582

Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.024 min
Delta R.T.: -0.002 min
Response: 2621806
Conc: 19.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.898 min
Delta R.T.: -0.002 min
Response: 2747172
Conc: 19.47 ug/ml