

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022724AL\
 Data File : FE046942.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2024 11:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 27 12:30:05 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)	11.796	3118326	18.980 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	13.237	2363829	19.203 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
Target Compounds			
1) T n-Nonane (C9)	3.185	2771485	18.175 ug/ml
2) T n-Decane (C10)	4.436	2955481	19.082 ug/ml
3) T A~Naphthalene (C11.7)	6.142	2951808	18.741 ug/ml
4) T n-Dodecane (C12)	6.605	3006008	19.333 ug/ml
5) T A~2-methylnaphthalene...	7.239	2715663	18.938 ug/ml
6) T n-Tetradecane (C14)	8.431	2987284	19.373 ug/ml
7) T n-Hexadecane (C16)	10.039	3056758	19.266 ug/ml
8) T n-Octadecane (C18)	11.482	3068261	19.247 ug/ml
10) T n-Eicosane (C20)	12.791	2924412	19.320 ug/ml
11) T n-Heneicosane (C21)	13.404	2823680	19.068 ug/ml
13) T n-Docosane (C22)	13.991	2866568	19.702 ug/ml
14) T n-Tetracosane (C24)	15.093	2978597	20.856 ug/ml
15) T n-Hexacosane (C26)	16.115	2991342	21.406 ug/ml
16) T n-Octacosane (C28)	17.066	3067584	22.516 ug/ml
17) T n-Tricontane (C30)	17.954	3263550	23.392 ug/ml
18) T n-Dotriacontane (C32)	18.788	3210474	23.332 ug/ml
19) T n-Tetratriacontane (C34)	19.573	2966131	22.080 ug/ml
20) T n-Hexatriacontane (C36)	20.314	2783758	20.905 ug/ml
21) T n-Octatriacontane (C38)	21.036	2588273	18.785 ug/ml
22) T n-Tetracontane (C40)	21.912	2566915	18.193 ug/ml

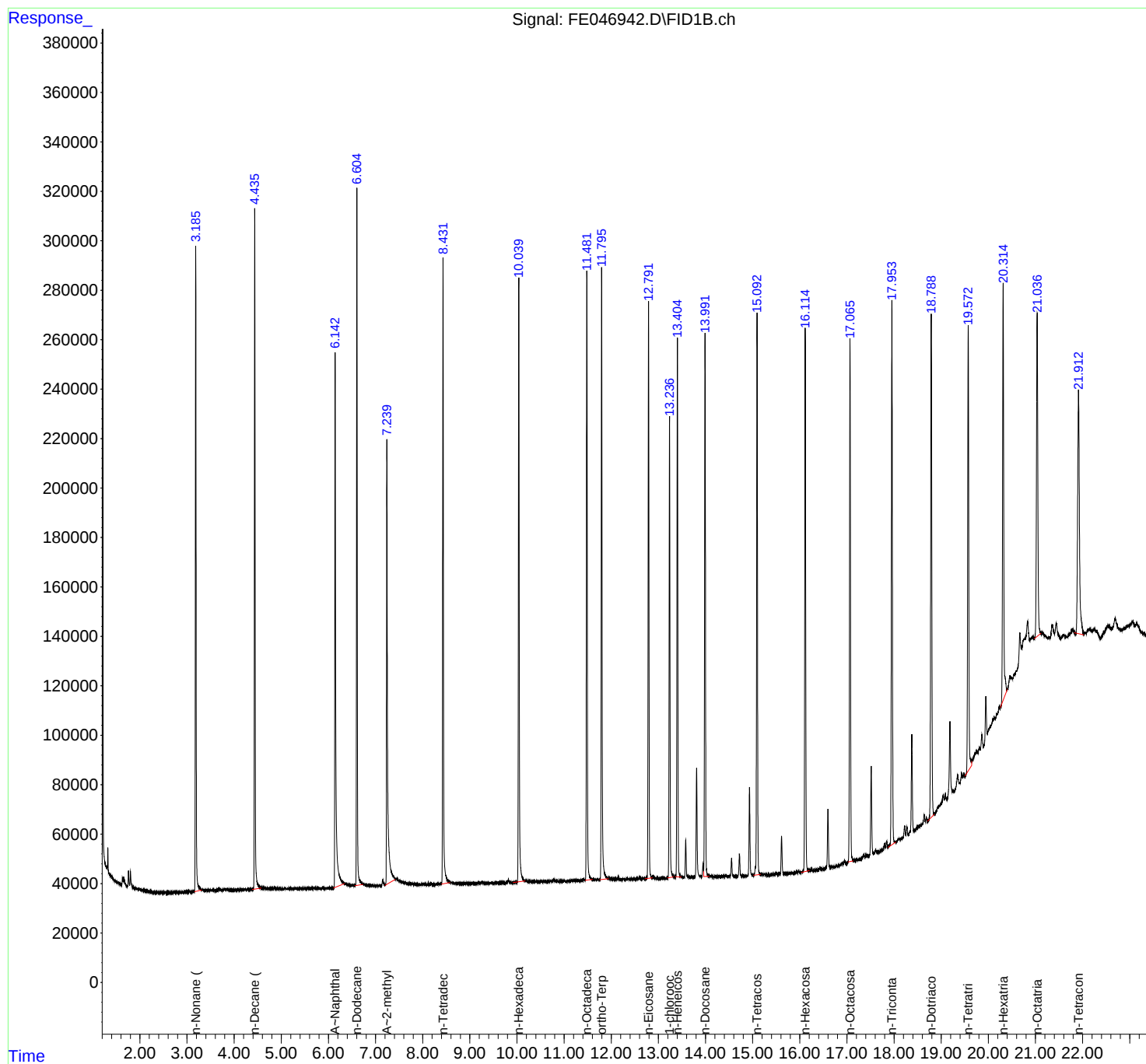
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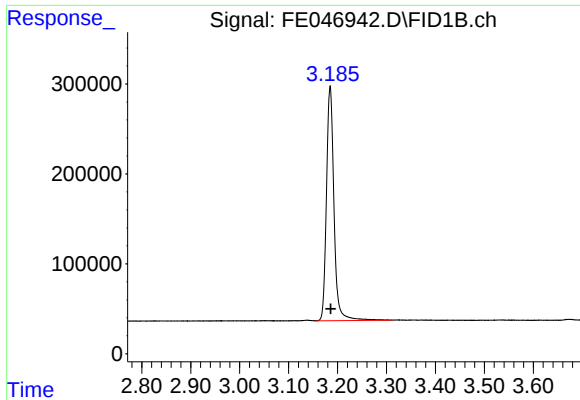
(m)=manual int.

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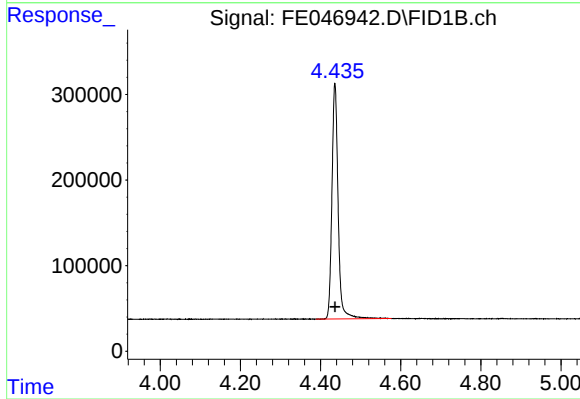
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





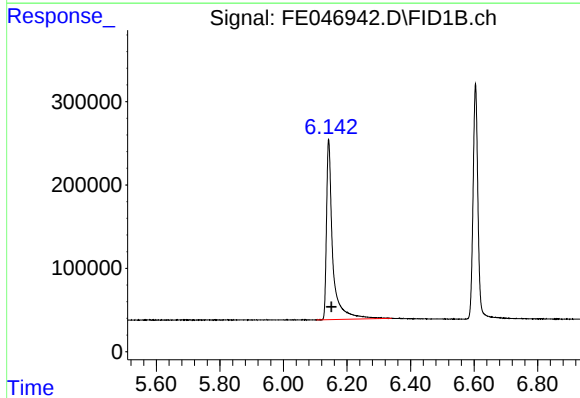
#1 n-Nonane (C9)

R.T.: 3.185 min
Delta R.T.: -0.001 min
Response: 2771485
Conc: 18.17 ug/ml



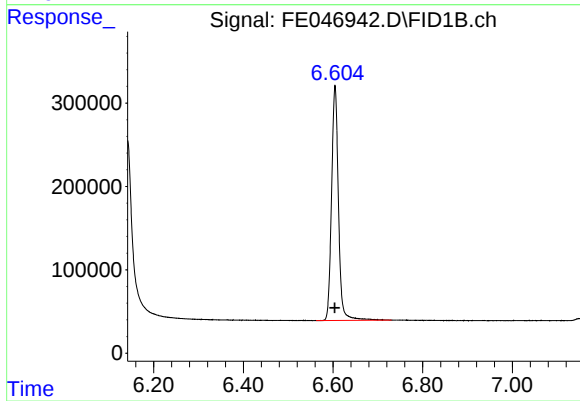
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 2955481
Conc: 19.08 ug/ml



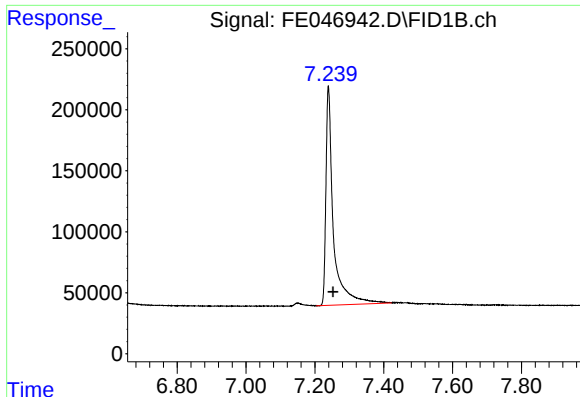
#3 A~Naphthalene (C11.7)

R.T.: 6.142 min
Delta R.T.: -0.009 min
Response: 2951808
Conc: 18.74 ug/ml



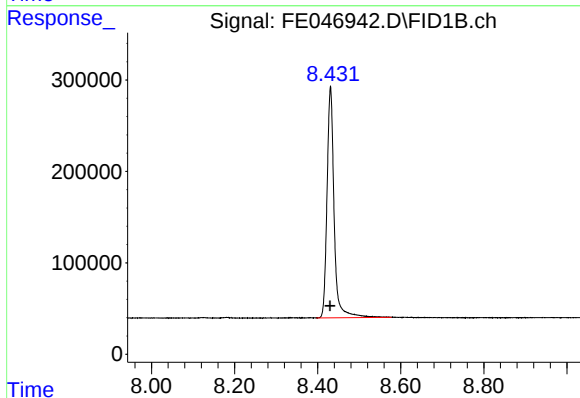
#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 3006008
Conc: 19.33 ug/ml



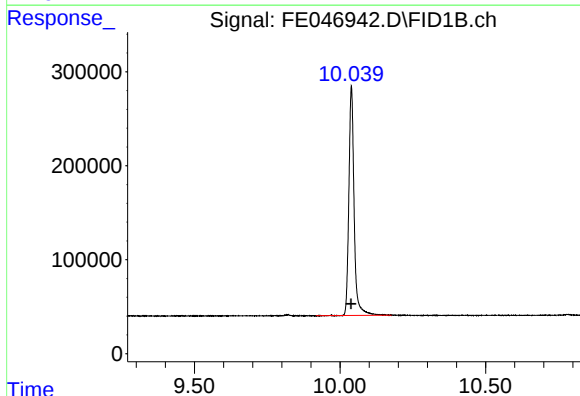
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: -0.013 min
Response: 2715663
Conc: 18.94 ug/ml



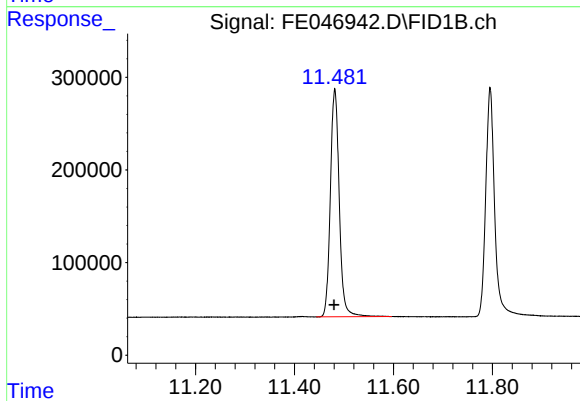
#6 n-Tetradecane (C14)

R.T.: 8.431 min
Delta R.T.: 0.001 min
Response: 2987284
Conc: 19.37 ug/ml



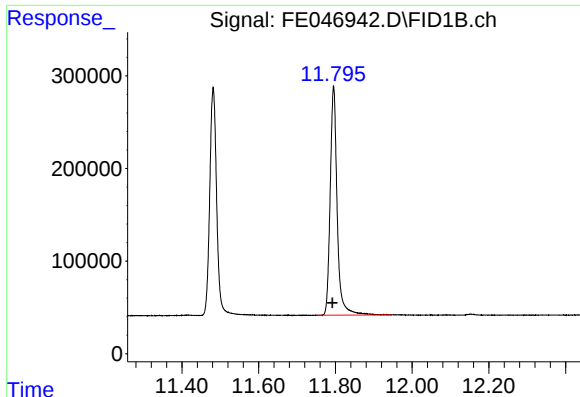
#7 n-Hexadecane (C16)

R.T.: 10.039 min
Delta R.T.: 0.000 min
Response: 3056758
Conc: 19.27 ug/ml



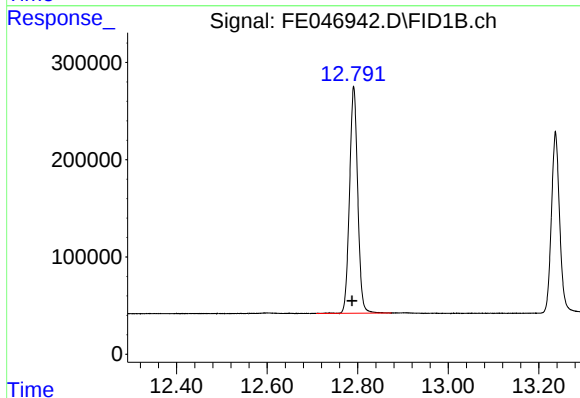
#8 n-Octadecane (C18)

R.T.: 11.482 min
Delta R.T.: 0.002 min
Response: 3068261
Conc: 19.25 ug/ml



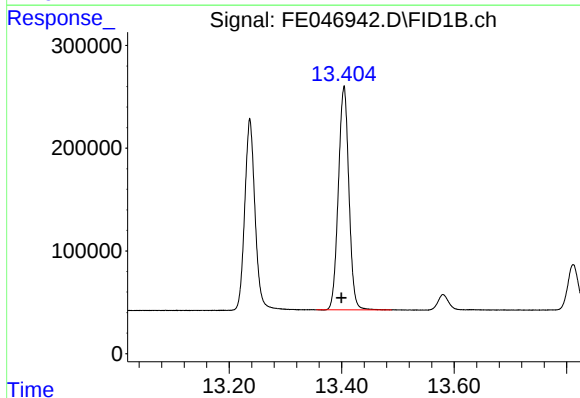
#9 ortho-Terphenyl (SURR)

R.T.: 11.796 min
Delta R.T.: 0.003 min
Response: 3118326
Conc: 18.98 ug/ml



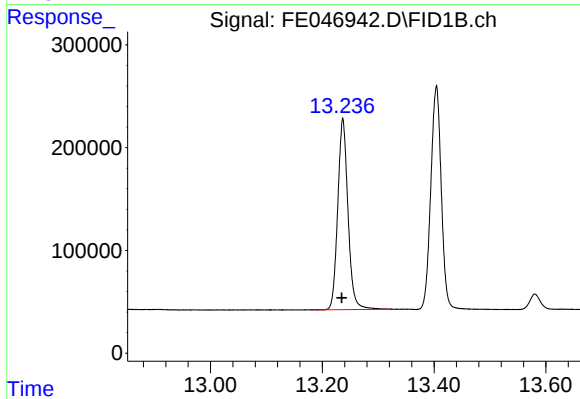
#10 n-Eicosane (C20)

R.T.: 12.791 min
Delta R.T.: 0.004 min
Response: 2924412
Conc: 19.32 ug/ml



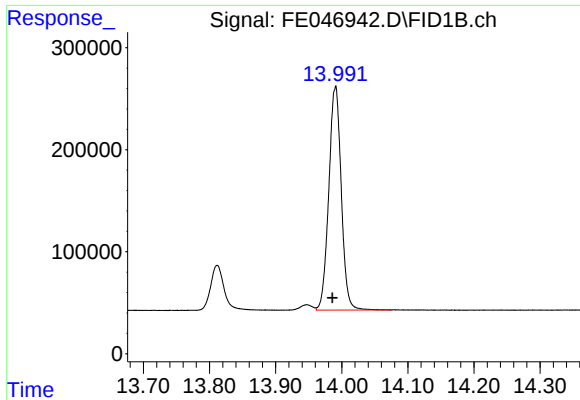
#11 n-Heneicosane (C21)

R.T.: 13.404 min
Delta R.T.: 0.005 min
Response: 2823680
Conc: 19.07 ug/ml



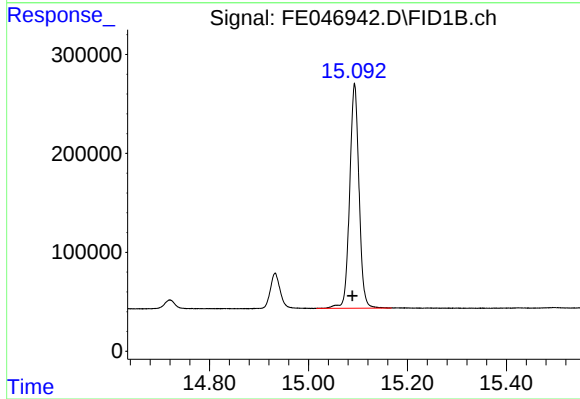
#12 1-chlorooctadecane (SURR)

R.T.: 13.237 min
Delta R.T.: 0.002 min
Response: 2363829
Conc: 19.20 ug/ml



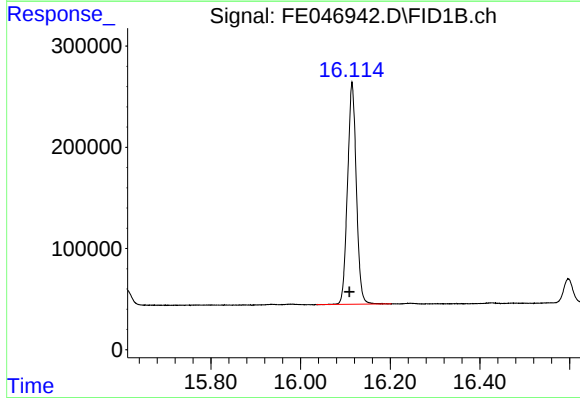
#13 n-Docosane (C22)

R.T.: 13.991 min
Delta R.T.: 0.005 min
Response: 2866568
Conc: 19.70 ug/ml



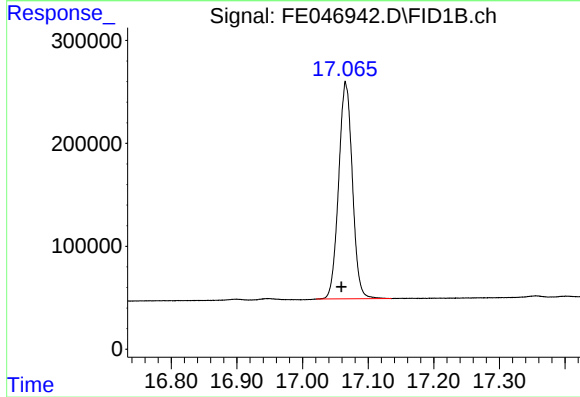
#14 n-Tetracosane (C24)

R.T.: 15.093 min
Delta R.T.: 0.004 min
Response: 2978597
Conc: 20.86 ug/ml



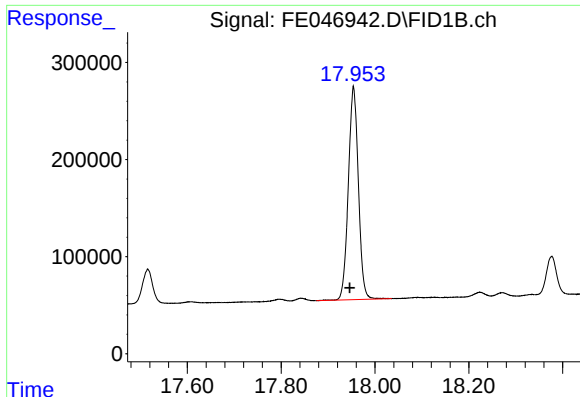
#15 n-Hexacosane (C26)

R.T.: 16.115 min
Delta R.T.: 0.006 min
Response: 2991342
Conc: 21.41 ug/ml



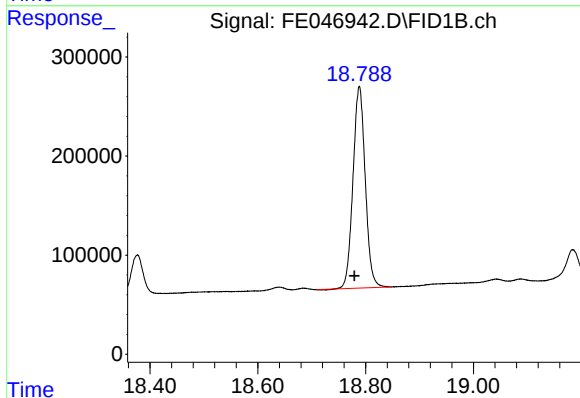
#16 n-Octacosane (C28)

R.T.: 17.066 min
Delta R.T.: 0.007 min
Response: 3067584
Conc: 22.52 ug/ml



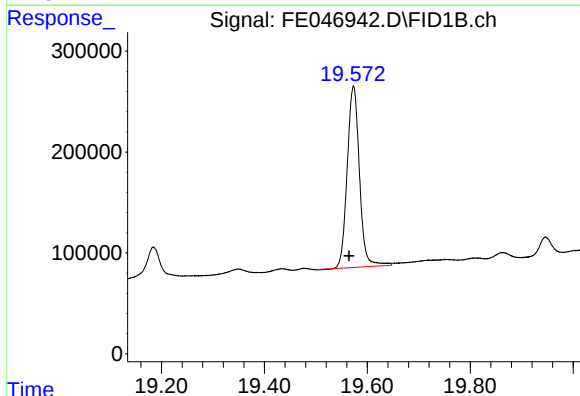
#17 n-Tricontane (C30)

R.T.: 17.954 min
Delta R.T.: 0.008 min
Response: 3263550
Conc: 23.39 ug/ml



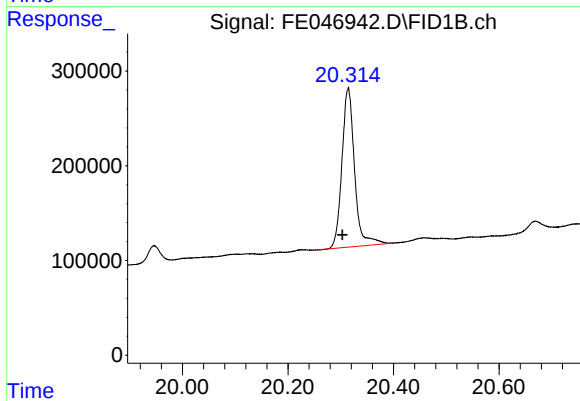
#18 n-Dotriacontane (C32)

R.T.: 18.788 min
Delta R.T.: 0.009 min
Response: 3210474
Conc: 23.33 ug/ml



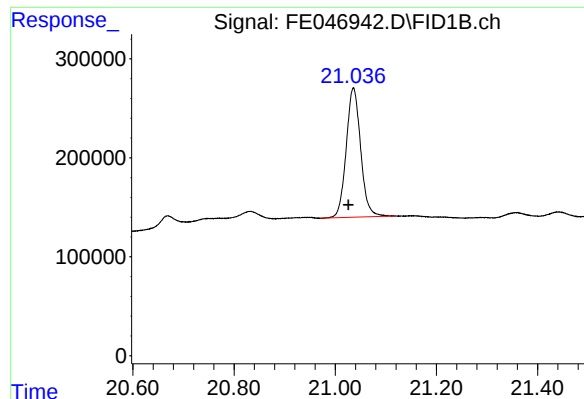
#19 n-Tetratriacontane (C34)

R.T.: 19.573 min
Delta R.T.: 0.009 min
Response: 2966131
Conc: 22.08 ug/ml



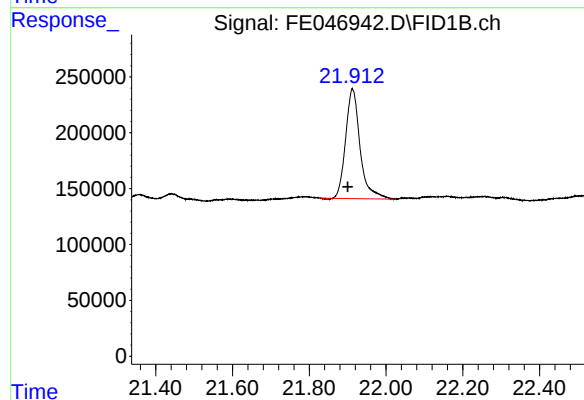
#20 n-Hexatriacontane (C36)

R.T.: 20.314 min
Delta R.T.: 0.011 min
Response: 2783758
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.036 min
Delta R.T.: 0.010 min
Response: 2588273
Conc: 18.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: 0.012 min
Response: 2566915
Conc: 18.19 ug/ml