

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011223AL\
 Data File : FE039759.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jan 2023 16:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 01:48:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.920	3262994	21.248 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
12) S 1-chlorooctadecane (S...	13.356	2528499	21.667 ug/ml
Spiked Amount 50.000		Recovery =	43.33%
Target Compounds			
1) T n-Nonane (C9)	3.315	2797140	22.036 ug/ml
2) T n-Decane (C10)	4.563	2746254	22.114 ug/ml
3) T A~Naphthalene (C11.7)	6.266	3099560	21.979 ug/ml
4) T n-Dodecane (C12)	6.727	2783476	22.139 ug/ml
5) T A~2-methylnaphthalene...	7.361	2909747	22.215 ug/ml
6) T n-Tetradecane (C14)	8.553	2834920	22.042 ug/ml
7) T n-Hexadecane (C16)	10.160	2949261	21.862 ug/ml
8) T n-Octadecane (C18)	11.603	3017419	21.534 ug/ml
10) T n-Eicosane (C20)	12.911	2963583	21.390 ug/ml
11) T n-Heneicosane (C21)	13.523	2974089	21.313 ug/ml
13) T n-Docosane (C22)	14.110	2948636	21.243 ug/ml
14) T n-Tetracosane (C24)	15.212	2933120	21.304 ug/ml
15) T n-Hexacosane (C26)	16.234	2830234	21.206 ug/ml
16) T n-Octacosane (C28)	17.183	2771710	21.292 ug/ml
17) T n-Tricontane (C30)	18.070	2725088	21.369 ug/ml
18) T n-Dotriacontane (C32)	18.905	2719740	21.513 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2638235	21.350 ug/mlm
20) T n-Hexatriacontane (C36)	20.429	2540667	21.550 ug/mlm
21) T n-Octatriacontane (C38)	21.162	2561037	21.428 ug/mlm
22) T n-Tetracontane (C40)	22.071	2645465	21.797 ug/ml

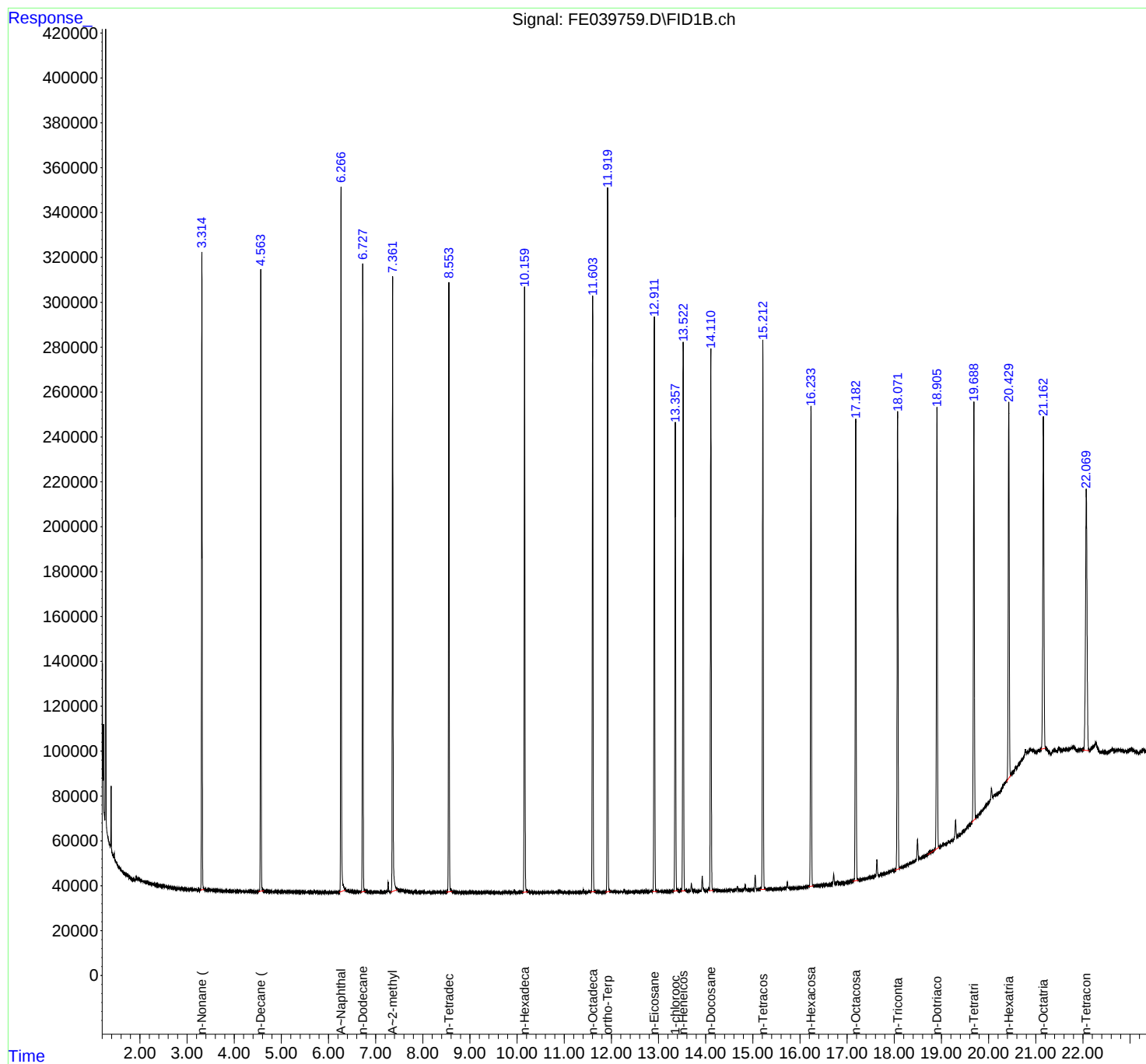
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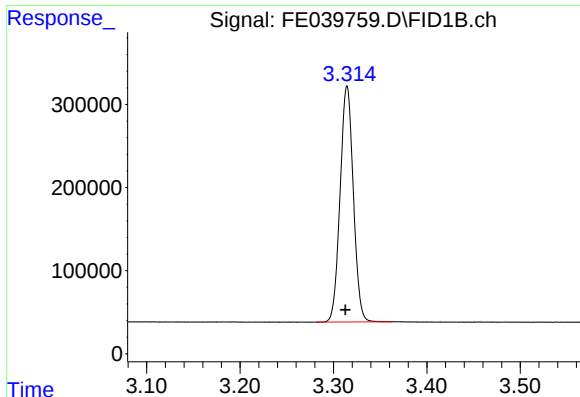
(m)=manual int.

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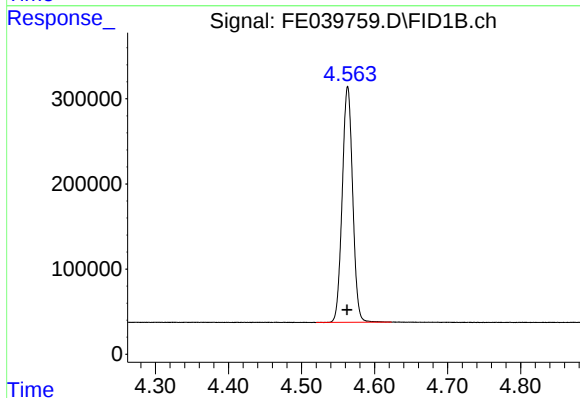
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





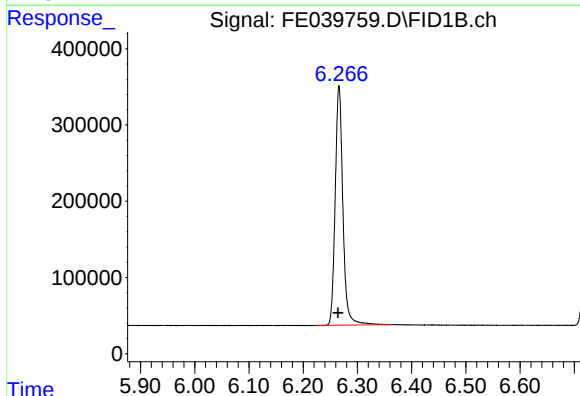
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: 0.002 min
Response: 2797140
Conc: 22.04 ug/ml



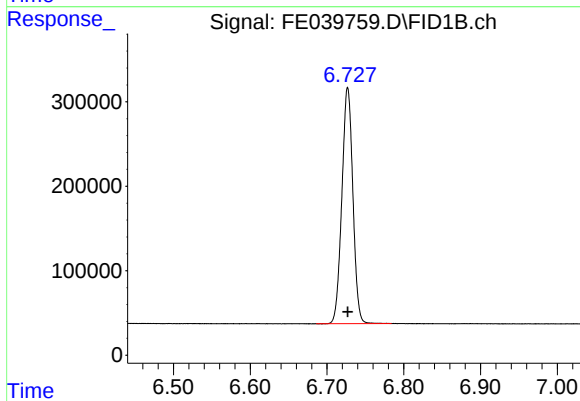
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 2746254
Conc: 22.11 ug/ml



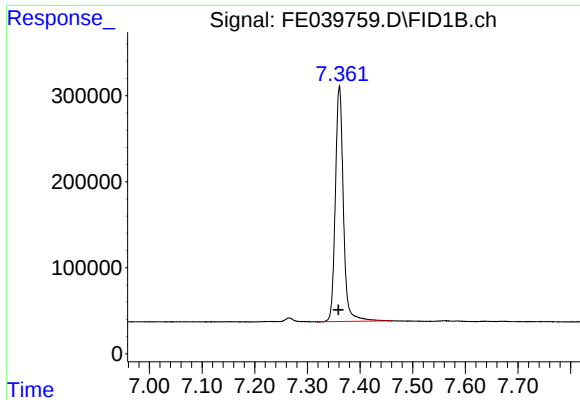
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 3099560
Conc: 21.98 ug/ml



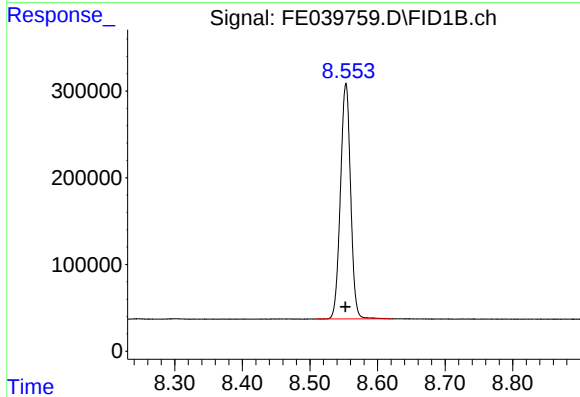
#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 2783476
Conc: 22.14 ug/ml



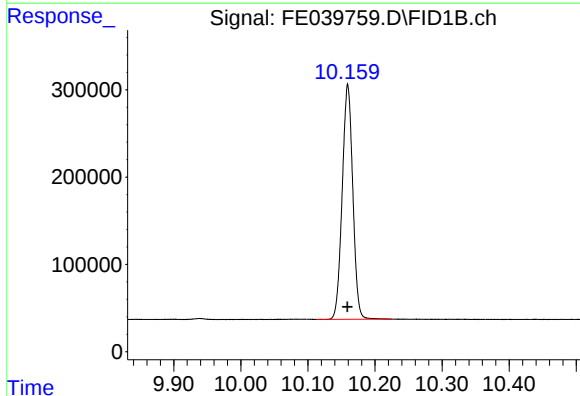
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.361 min
Delta R.T.: 0.002 min
Response: 2909747
Conc: 22.22 ug/ml



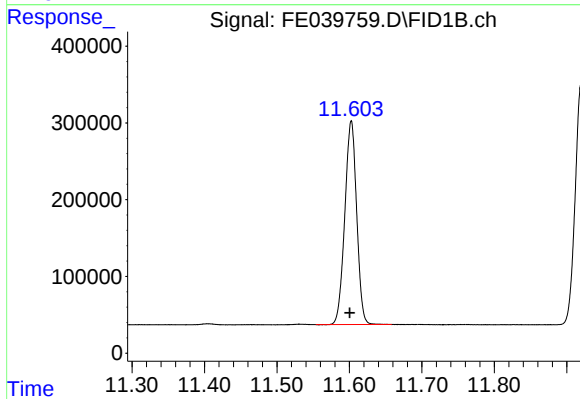
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 2834920
Conc: 22.04 ug/ml



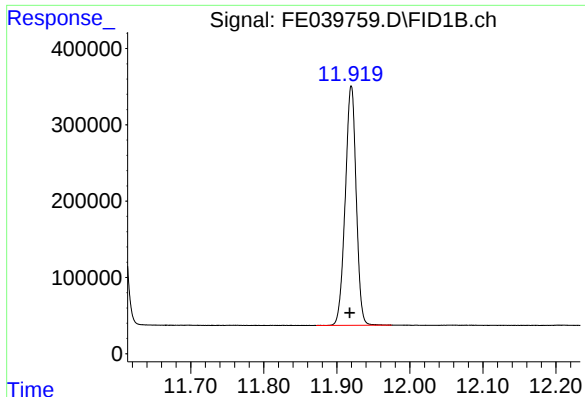
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: 0.000 min
Response: 2949261
Conc: 21.86 ug/ml



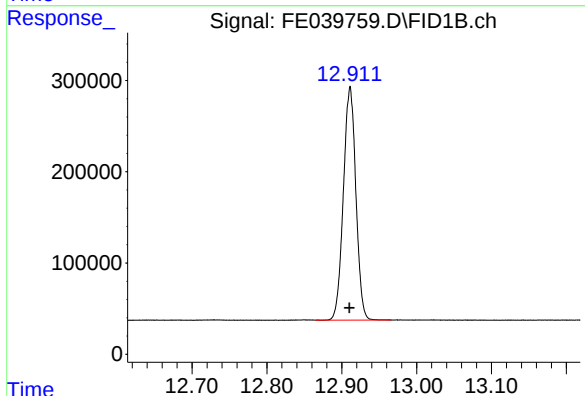
#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: 0.002 min
Response: 3017419
Conc: 21.53 ug/ml



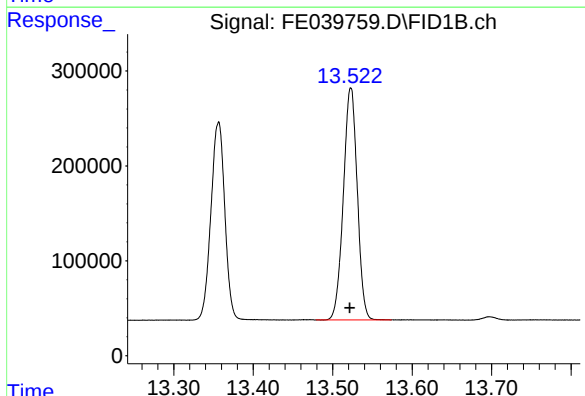
#9 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: 0.002 min
Response: 3262994
Conc: 21.25 ug/ml



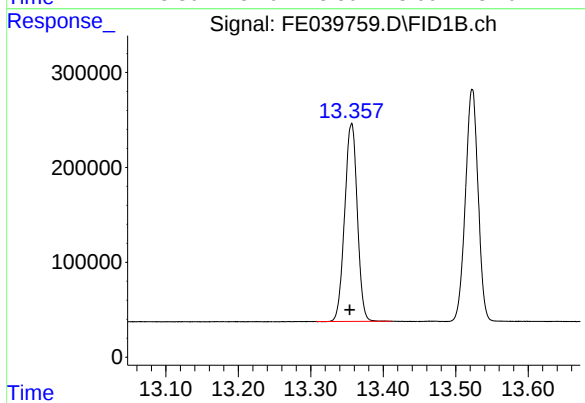
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.000 min
Response: 2963583
Conc: 21.39 ug/ml



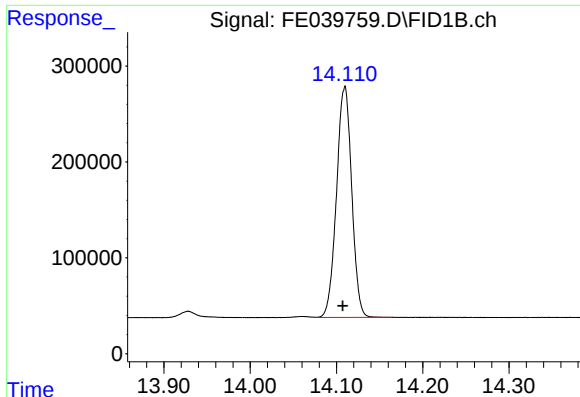
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.002 min
Response: 2974089
Conc: 21.31 ug/ml



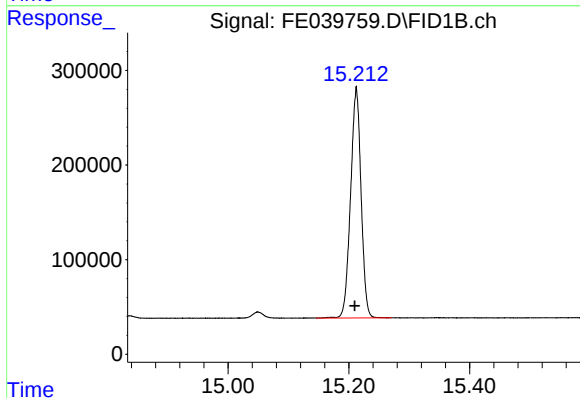
#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 2528499
Conc: 21.67 ug/ml



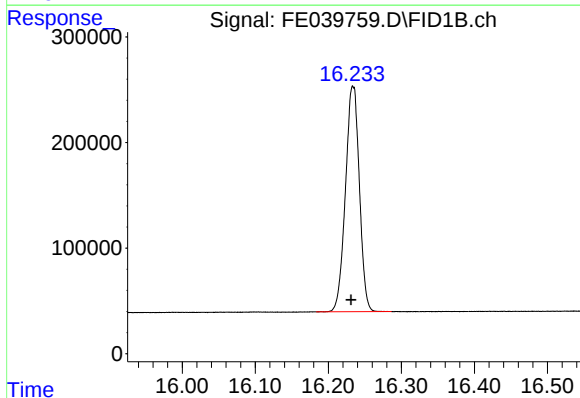
#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: 0.002 min
Response: 2948636
Conc: 21.24 ug/ml



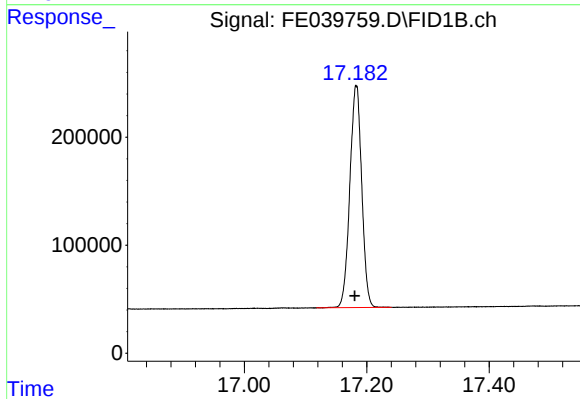
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: 0.003 min
Response: 2933120
Conc: 21.30 ug/ml



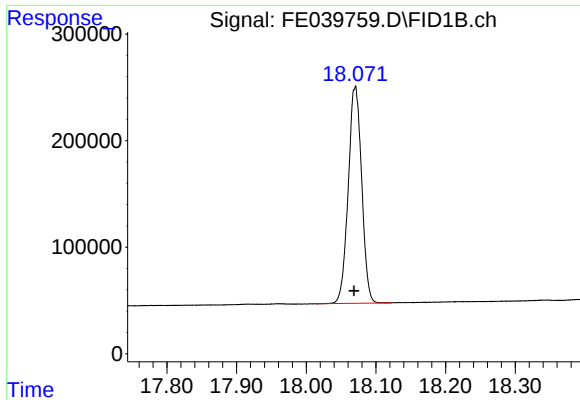
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: 0.003 min
Response: 2830234
Conc: 21.21 ug/ml



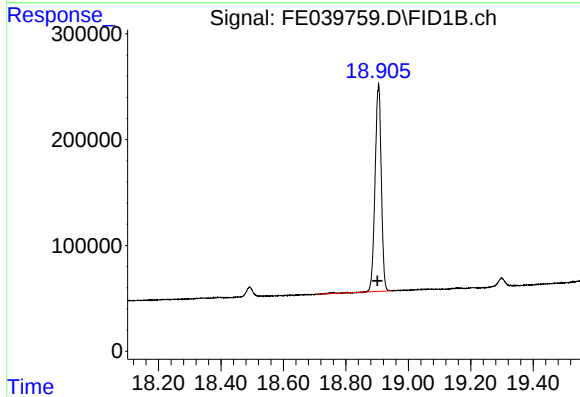
#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: 0.003 min
Response: 2771710
Conc: 21.29 ug/ml



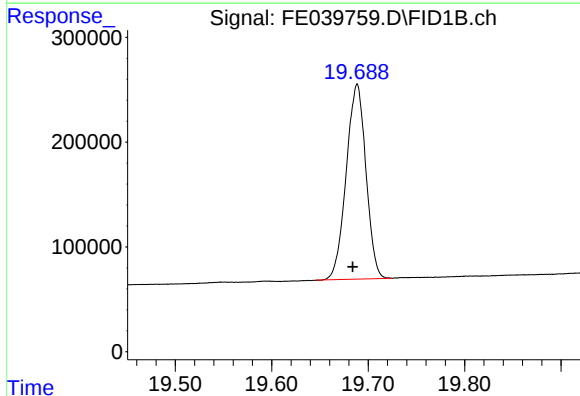
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 2725088
Conc: 21.37 ug/ml



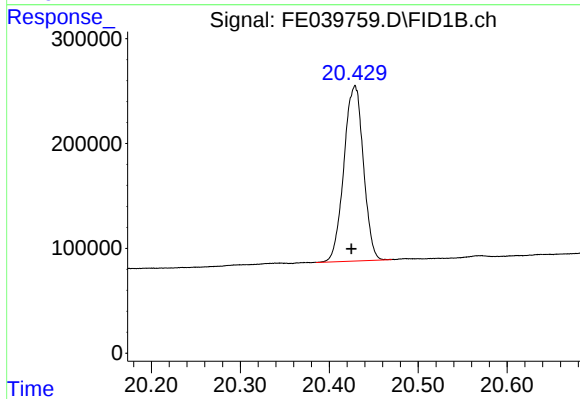
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.003 min
Response: 2719740
Conc: 21.51 ug/ml



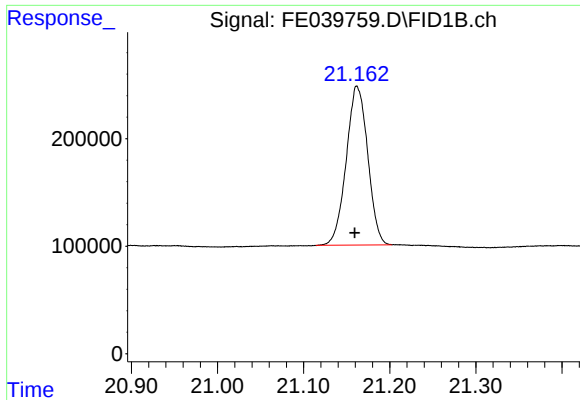
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: 0.004 min
Response: 2638235
Conc: 21.35 ug/ml m



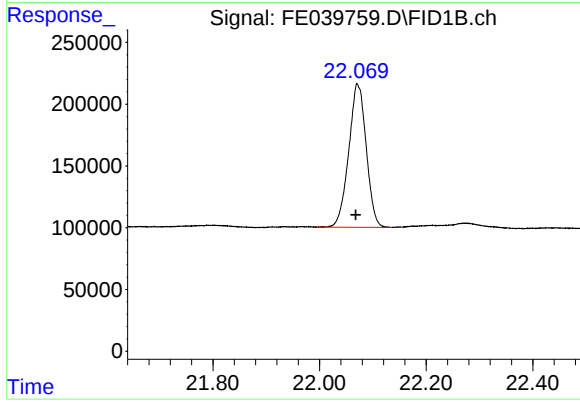
#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: 0.004 min
Response: 2540667
Conc: 21.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: 0.002 min
Response: 2561037
Conc: 21.43 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.071 min
Delta R.T.: 0.003 min
Response: 2645465
Conc: 21.80 ug/ml