

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012423AL\
 Data File : FE039987.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2023 09:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 23:44:56 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)	11.906	3051097	19.868 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	13.343	2313796	19.827 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
Target Compounds			
1) T n-Nonane (C9)	3.302	2649560	20.873 ug/ml
2) T n-Decane (C10)	4.550	2613897	21.048 ug/ml
3) T A~Naphthalene (C11.7)	6.252	2876284	20.395 ug/ml
4) T n-Dodecane (C12)	6.714	2643234	21.024 ug/ml
5) T A~2-methylnaphthalene...	7.347	2684964	20.499 ug/ml
6) T n-Tetradecane (C14)	8.540	2683306	20.863 ug/ml
7) T n-Hexadecane (C16)	10.147	2767347	20.513 ug/ml
8) T n-Octadecane (C18)	11.589	2823387	20.149 ug/ml
10) T n-Eicosane (C20)	12.899	2759095	19.914 ug/ml
11) T n-Heneicosane (C21)	13.510	2761196	19.788 ug/ml
13) T n-Docosane (C22)	14.097	2748466	19.801 ug/ml
14) T n-Tetracosane (C24)	15.200	2759632	20.044 ug/ml
15) T n-Hexacosane (C26)	16.220	2675462	20.046 ug/ml
16) T n-Octacosane (C28)	17.170	2662096	20.450 ug/ml
17) T n-Tricontane (C30)	18.058	2658313	20.845 ug/ml
18) T n-Dotriacontane (C32)	18.892	2652142	20.979 ug/ml
19) T n-Tetratriacontane (C34)	19.677	2520787	20.400 ug/ml
20) T n-Hexatriacontane (C36)	20.416	2375651	20.150 ug/ml
21) T n-Octatriacontane (C38)	21.150	2333541	19.525 ug/ml
22) T n-Tetracontane (C40)	22.050	2374508	19.565 ug/ml

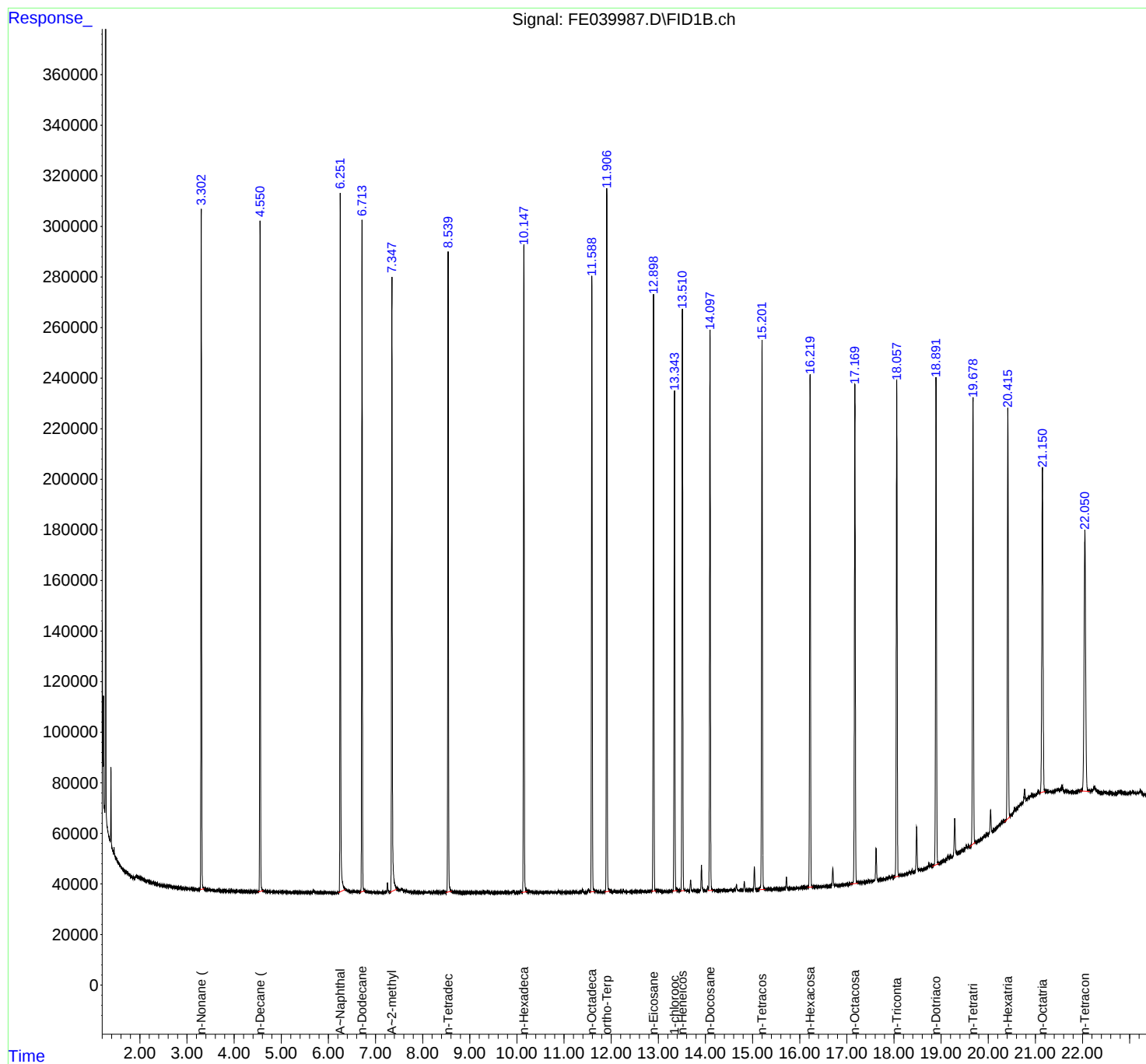
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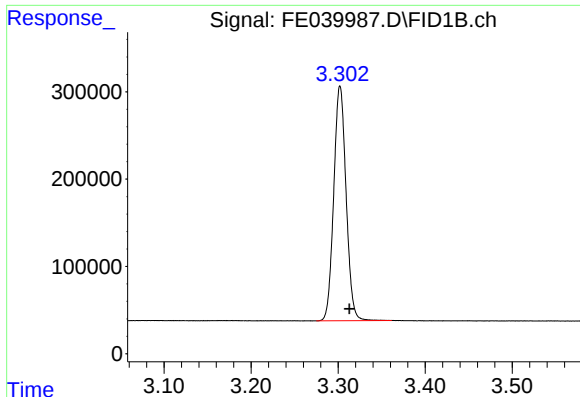
(m)=manual int.

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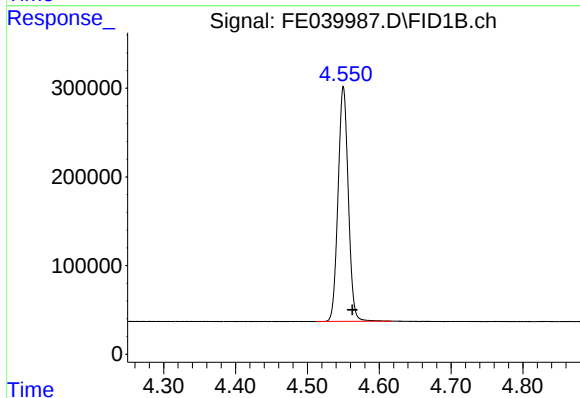
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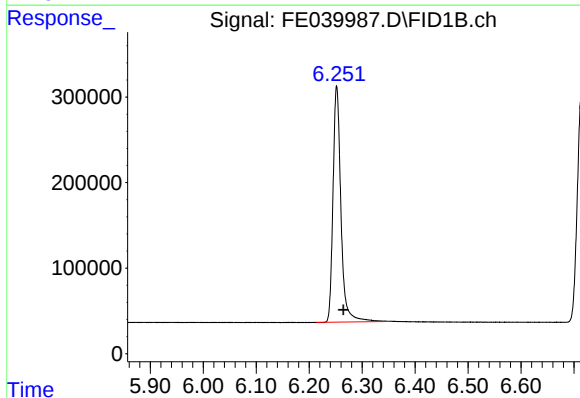
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.011 min
Response: 2649560
Conc: 20.87 ug/ml



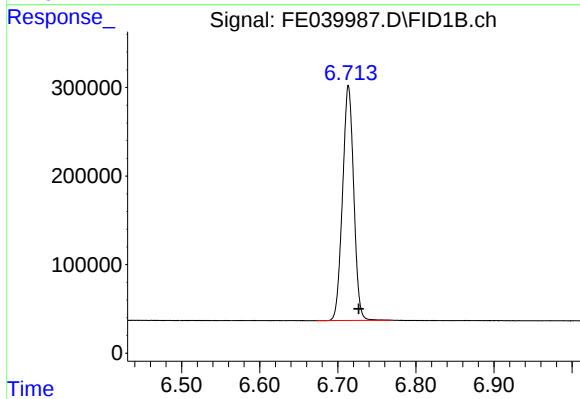
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: -0.012 min
Response: 2613897
Conc: 21.05 ug/ml



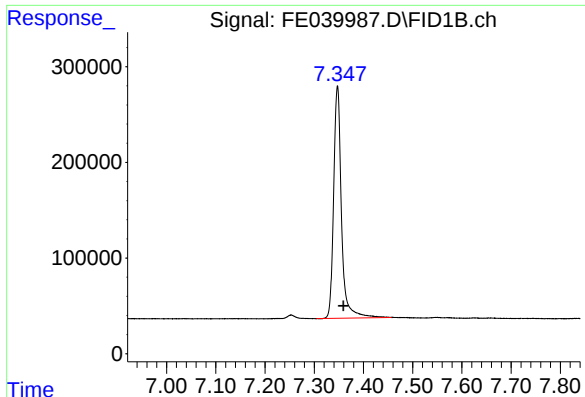
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.013 min
Response: 2876284
Conc: 20.40 ug/ml



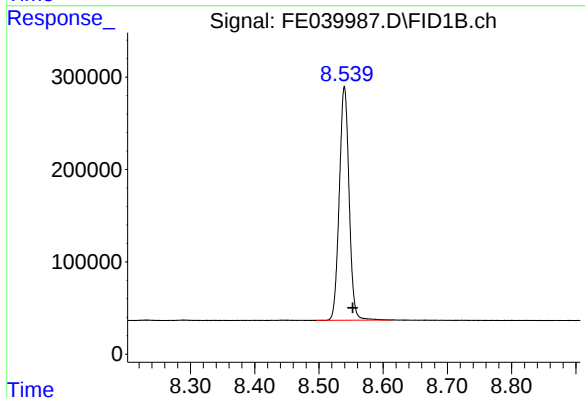
#4 n-Dodecane (C12)

R.T.: 6.714 min
Delta R.T.: -0.013 min
Response: 2643234
Conc: 21.02 ug/ml



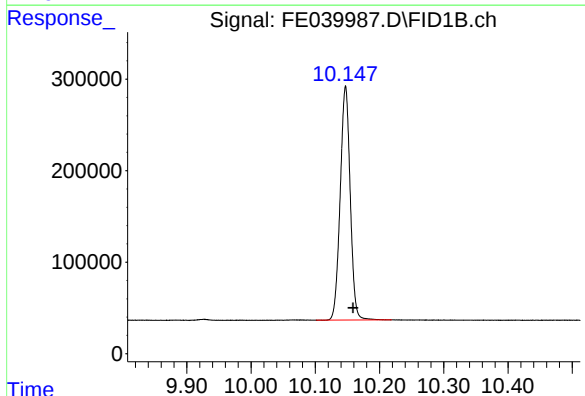
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.347 min
Delta R.T.: -0.012 min
Response: 2684964
Conc: 20.50 ug/ml



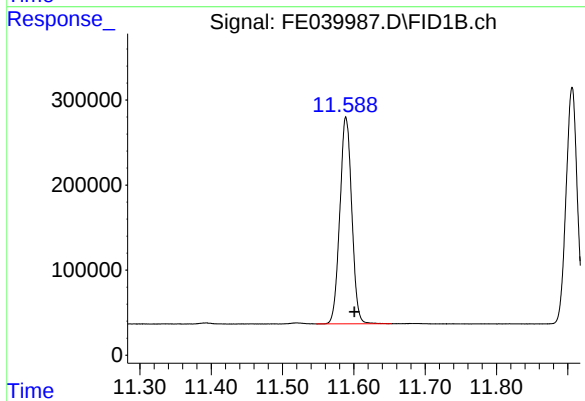
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.013 min
Response: 2683306
Conc: 20.86 ug/ml



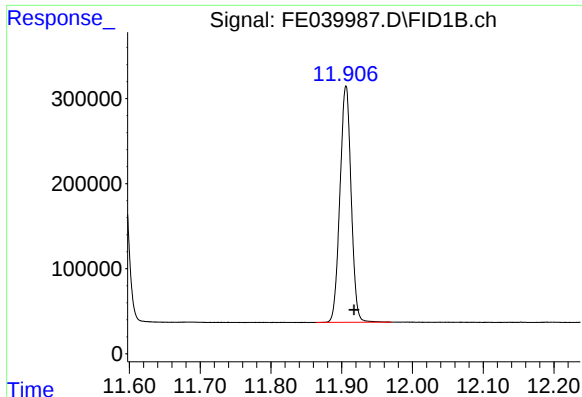
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.012 min
Response: 2767347
Conc: 20.51 ug/ml



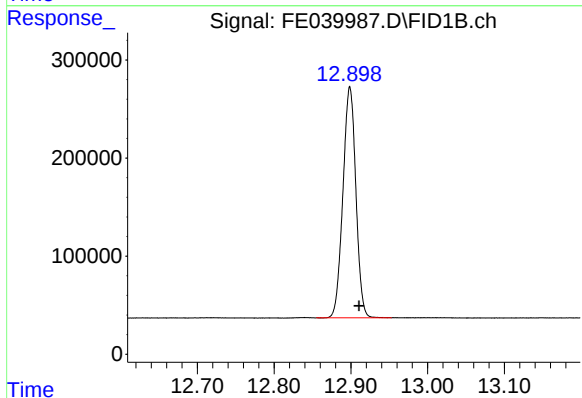
#8 n-Octadecane (C18)

R.T.: 11.589 min
Delta R.T.: -0.012 min
Response: 2823387
Conc: 20.15 ug/ml



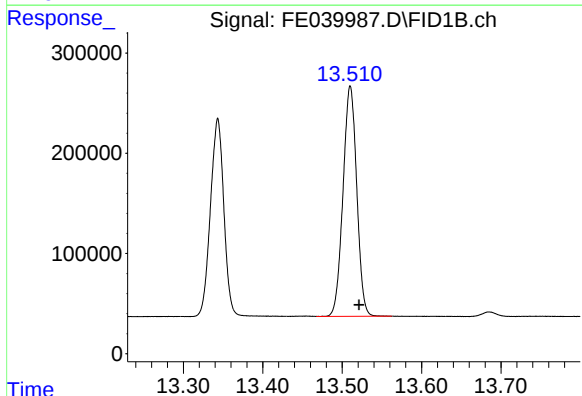
#9 ortho-Terphenyl (SURR)

R.T.: 11.906 min
Delta R.T.: -0.012 min
Response: 3051097
Conc: 19.87 ug/ml



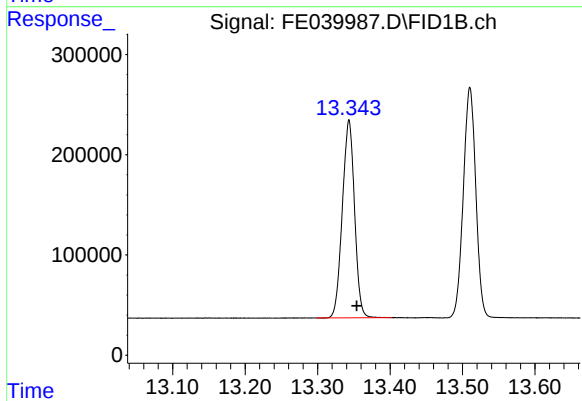
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.012 min
Response: 2759095
Conc: 19.91 ug/ml



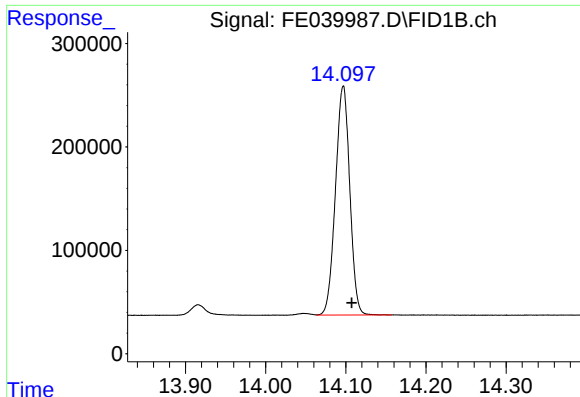
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.011 min
Response: 2761196
Conc: 19.79 ug/ml



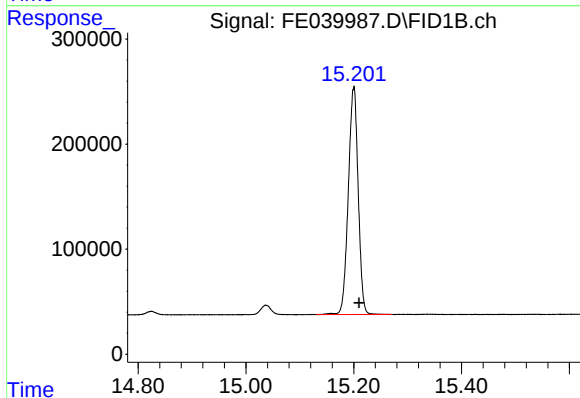
#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.011 min
Response: 2313796
Conc: 19.83 ug/ml



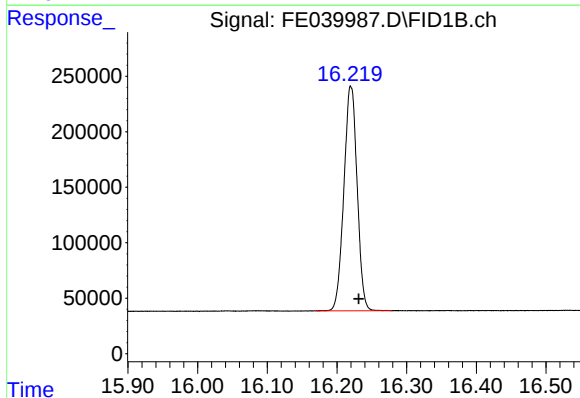
#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: -0.011 min
Response: 2748466
Conc: 19.80 ug/ml



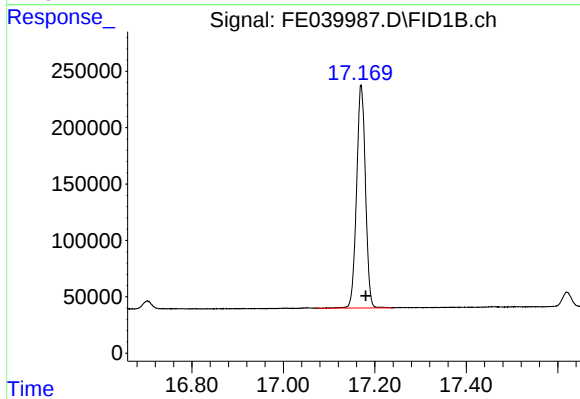
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.010 min
Response: 2759632
Conc: 20.04 ug/ml



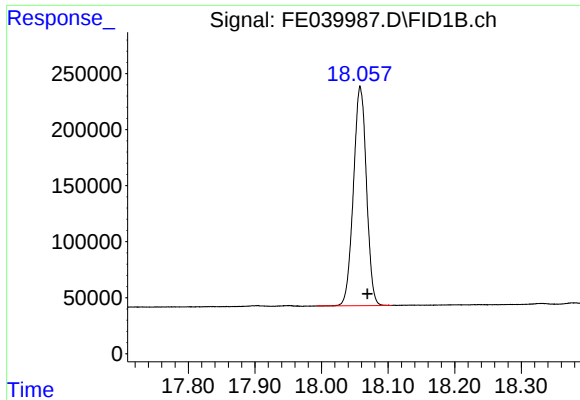
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.011 min
Response: 2675462
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.010 min
Response: 2662096
Conc: 20.45 ug/ml



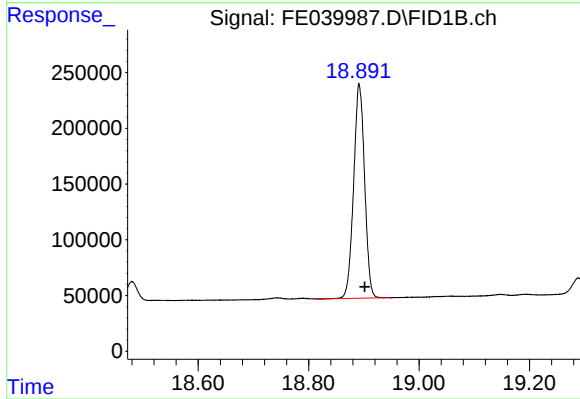
#17 n-Tricontane (C30)

R.T.: 18.058 min

Delta R.T.: -0.011 min

Response: 2658313

Conc: 20.85 ug/ml



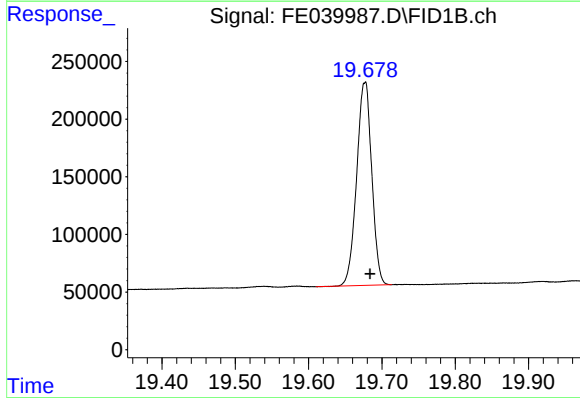
#18 n-Dotriacontane (C32)

R.T.: 18.892 min

Delta R.T.: -0.010 min

Response: 2652142

Conc: 20.98 ug/ml



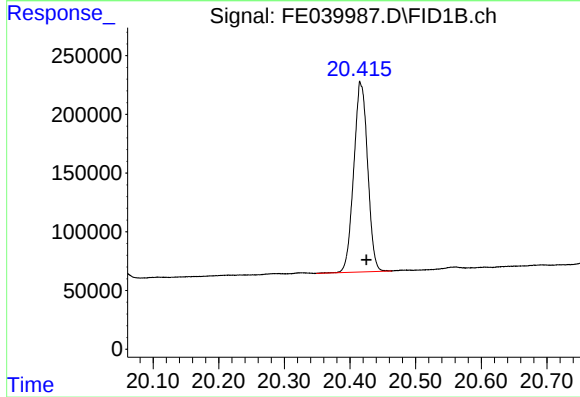
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min

Delta R.T.: -0.007 min

Response: 2520787

Conc: 20.40 ug/ml



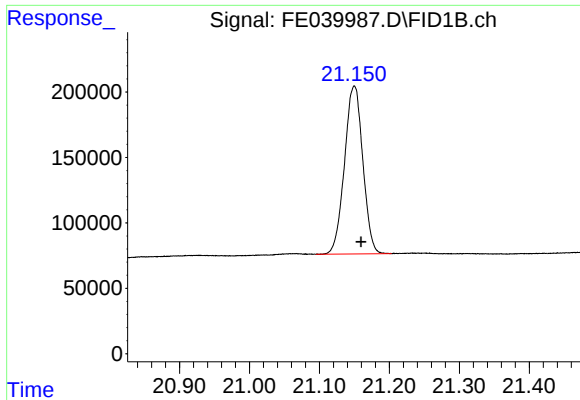
#20 n-Hexatriacontane (C36)

R.T.: 20.416 min

Delta R.T.: -0.009 min

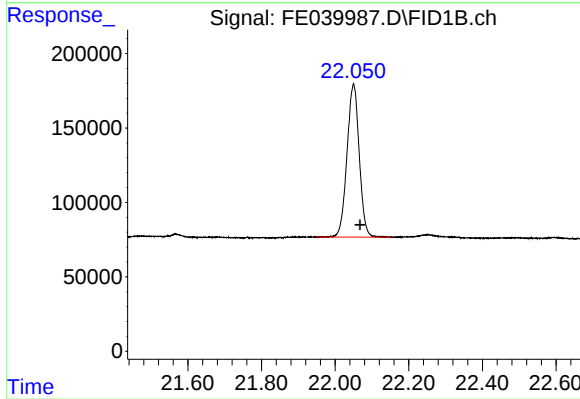
Response: 2375651

Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.150 min
Delta R.T.: -0.009 min
Response: 2333541
Conc: 19.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: -0.018 min
Response: 2374508
Conc: 19.56 ug/ml