

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011623AL\
 Data File : FE039844.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2023 20:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 17 00:58:20 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)	11.916	2935286	19.114 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
12) S 1-chlorooctadecane (S...	13.353	2265828	19.416 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
Target Compounds			
1) T n-Nonane (C9)	3.309	2446603	19.274 ug/ml
2) T n-Decane (C10)	4.559	2423531	19.515 ug/ml
3) T A~Naphthalene (C11.7)	6.261	2726915	19.336 ug/ml
4) T n-Dodecane (C12)	6.723	2454722	19.524 ug/ml
5) T A~2-methylnaphthalene...	7.357	2569765	19.620 ug/ml
6) T n-Tetradecane (C14)	8.549	2517785	19.576 ug/ml
7) T n-Hexadecane (C16)	10.157	2633358	19.520 ug/ml
8) T n-Octadecane (C18)	11.599	2712342	19.357 ug/ml
10) T n-Eicosane (C20)	12.909	2671286	19.280 ug/ml
11) T n-Heneicosane (C21)	13.520	2680172	19.207 ug/ml
13) T n-Docosane (C22)	14.107	2675818	19.278 ug/ml
14) T n-Tetracosane (C24)	15.210	2698644	19.601 ug/ml
15) T n-Hexacosane (C26)	16.233	2618864	19.622 ug/ml
16) T n-Octacosane (C28)	17.182	2599143	19.966 ug/ml
17) T n-Tricontane (C30)	18.070	2672491	20.956 ug/ml
18) T n-Dotriacontane (C32)	18.903	2694780	21.316 ug/ml
19) T n-Tetratriacontane (C34)	19.687	2540756	20.562 ug/ml
20) T n-Hexatriacontane (C36)	20.429	2387983	20.255 ug/ml
21) T n-Octatriacontane (C38)	21.162	2394520	20.035 ug/ml
22) T n-Tetracontane (C40)	22.067	2352245	19.381 ug/ml

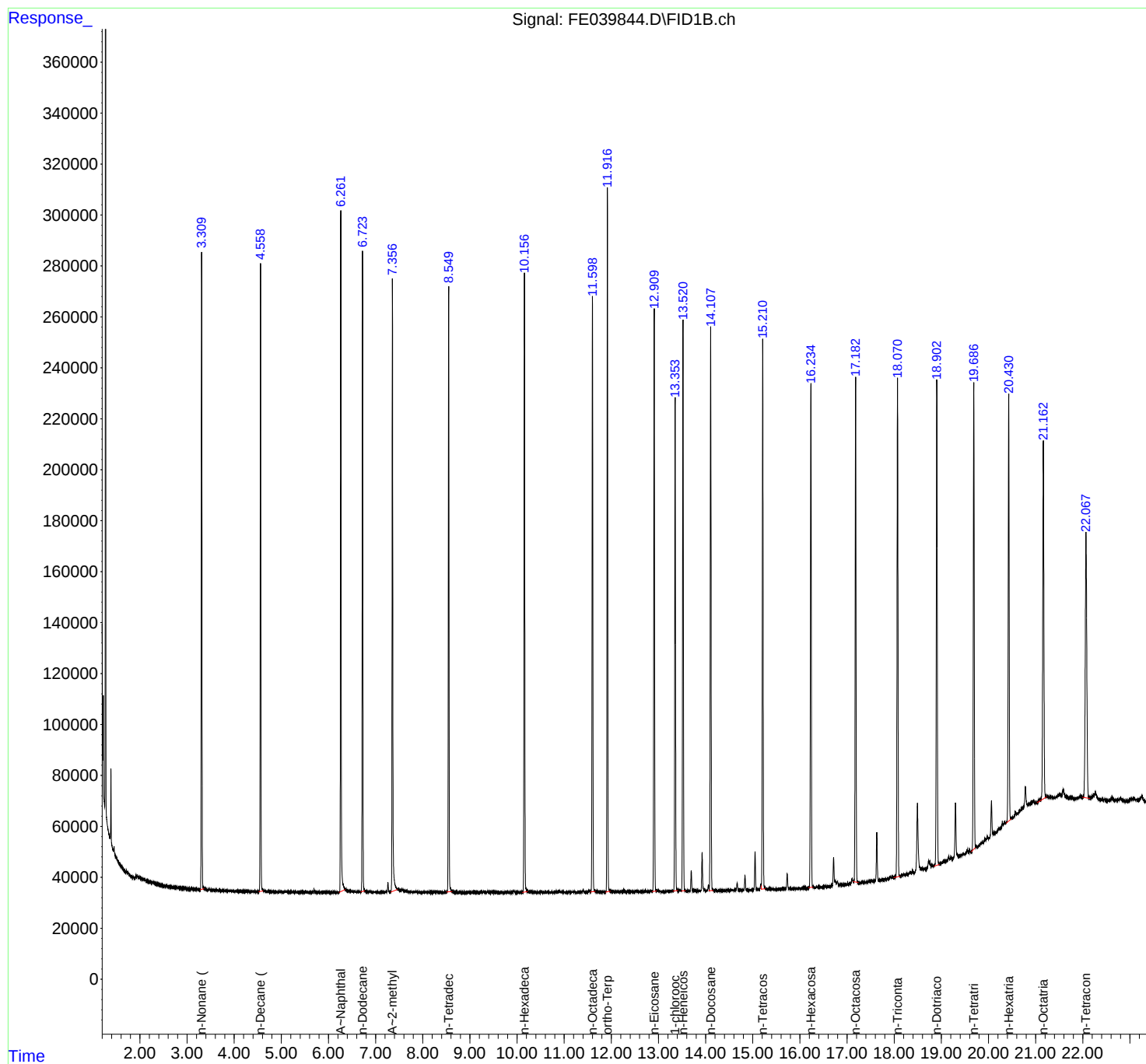
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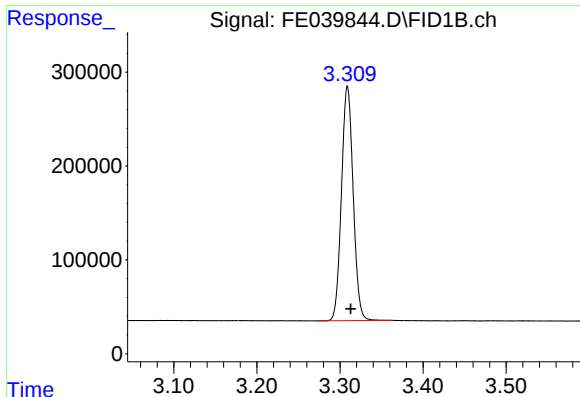
(m)=manual int.

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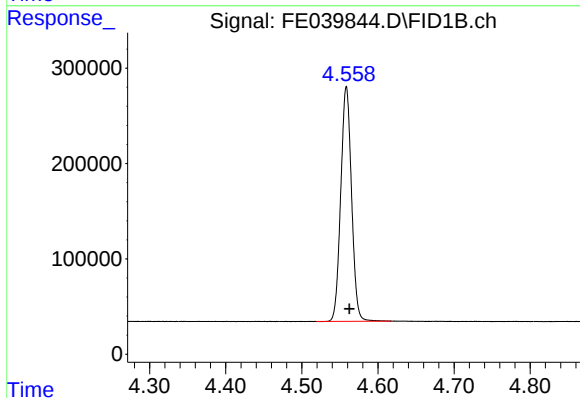
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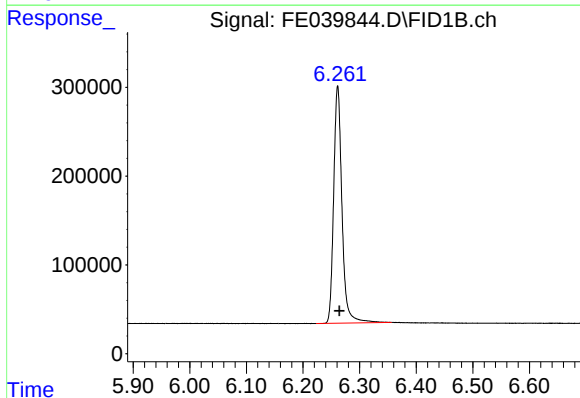
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.004 min
Response: 2446603
Conc: 19.27 ug/ml



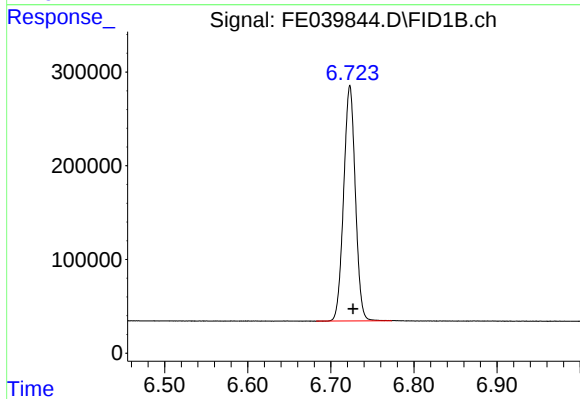
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: -0.004 min
Response: 2423531
Conc: 19.52 ug/ml



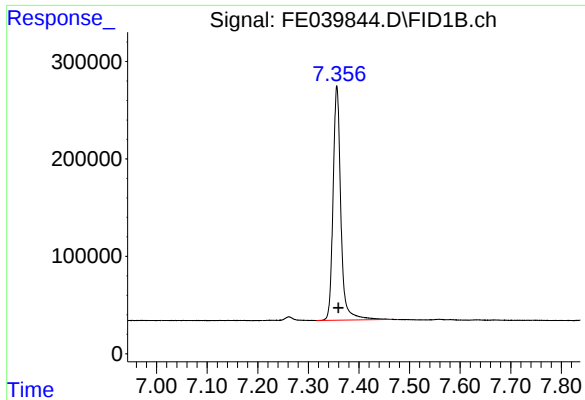
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.003 min
Response: 2726915
Conc: 19.34 ug/ml



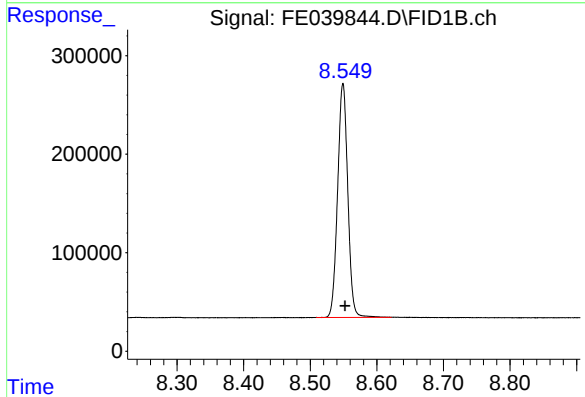
#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.004 min
Response: 2454722
Conc: 19.52 ug/ml



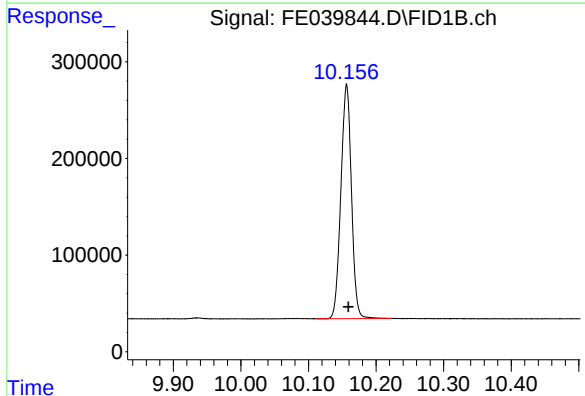
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: -0.003 min
Response: 2569765
Conc: 19.62 ug/ml



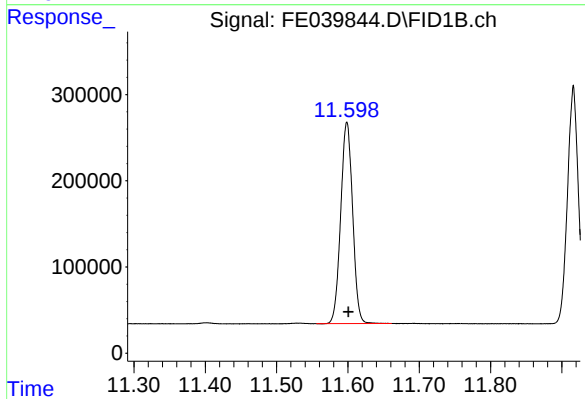
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.003 min
Response: 2517785
Conc: 19.58 ug/ml



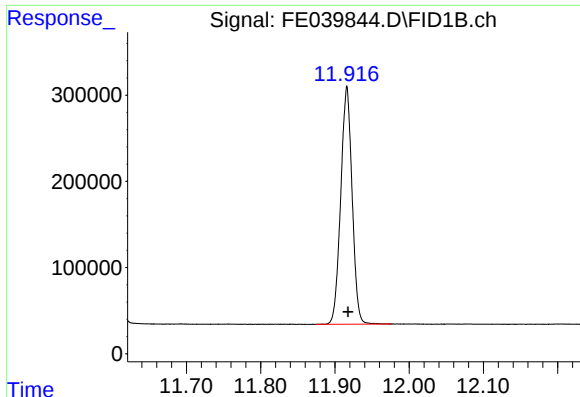
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.003 min
Response: 2633358
Conc: 19.52 ug/ml



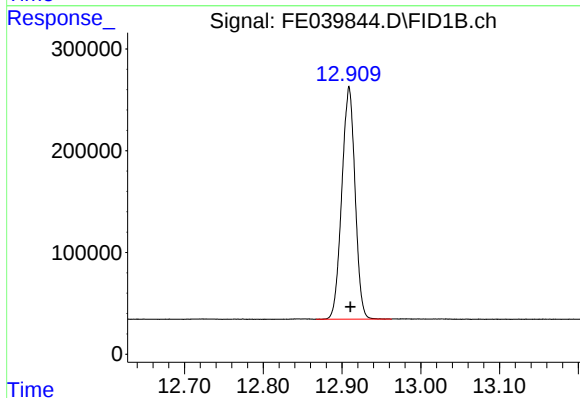
#8 n-Octadecane (C18)

R.T.: 11.599 min
Delta R.T.: -0.002 min
Response: 2712342
Conc: 19.36 ug/ml



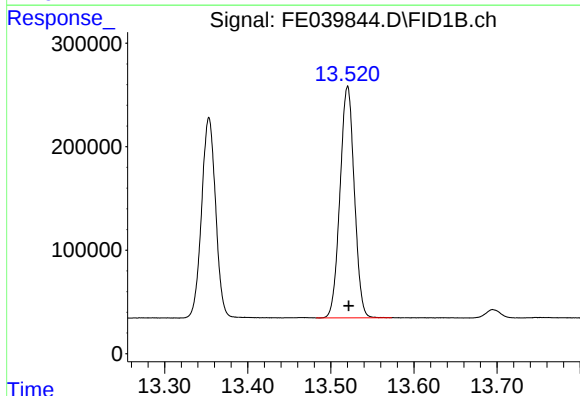
#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: -0.002 min
Response: 2935286
Conc: 19.11 ug/ml



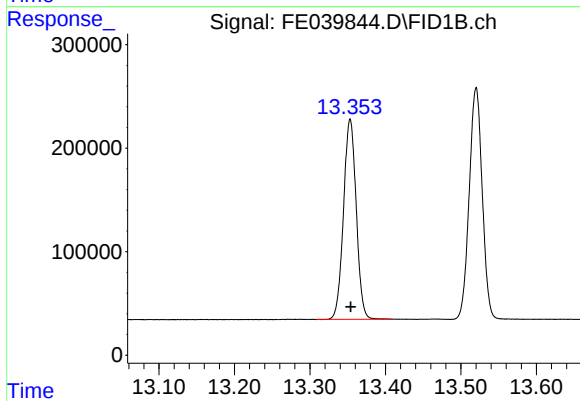
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.001 min
Response: 2671286
Conc: 19.28 ug/ml



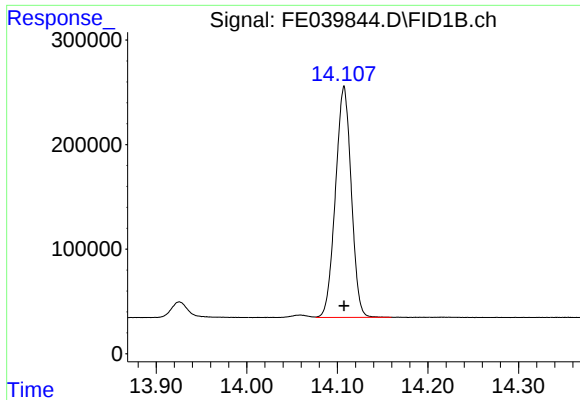
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.001 min
Response: 2680172
Conc: 19.21 ug/ml



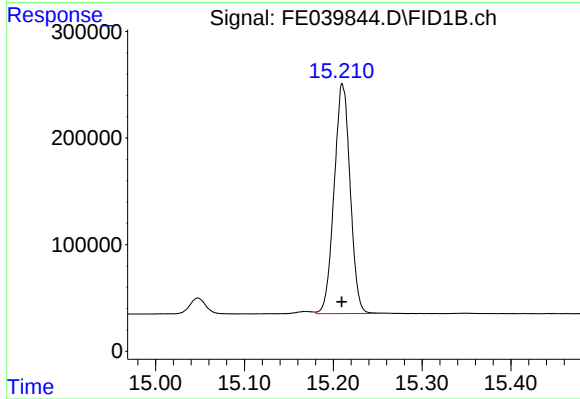
#12 1-chlorooctadecane (SURR)

R.T.: 13.353 min
Delta R.T.: 0.000 min
Response: 2265828
Conc: 19.42 ug/ml



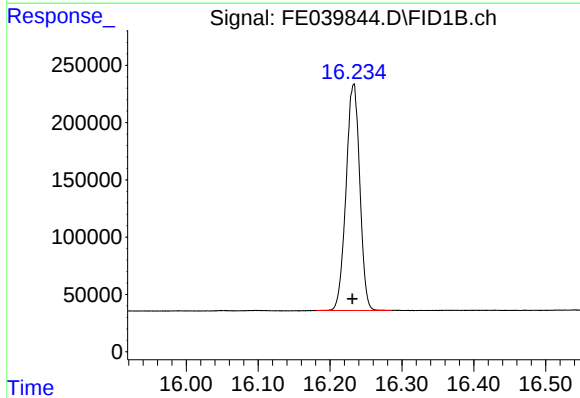
#13 n-Docosane (C22)

R.T.: 14.107 min
Delta R.T.: 0.000 min
Response: 2675818
Conc: 19.28 ug/ml



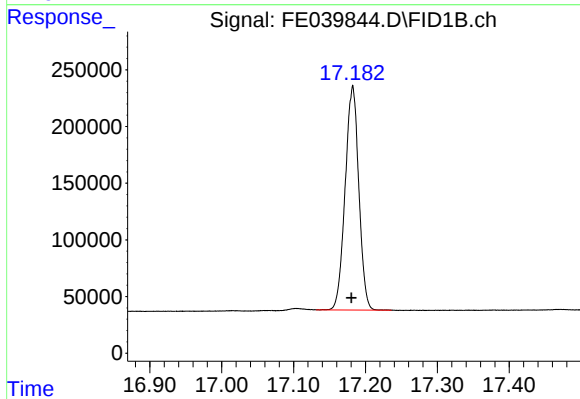
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 2698644
Conc: 19.60 ug/ml



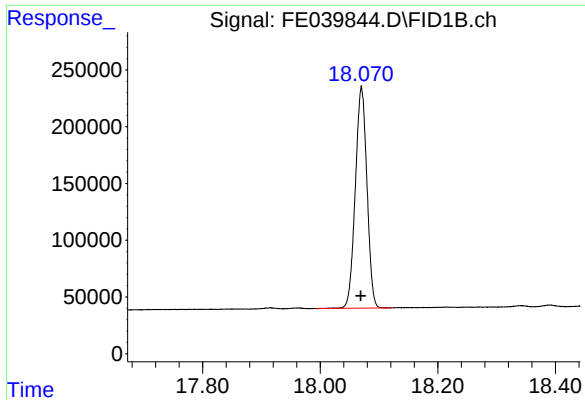
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.002 min
Response: 2618864
Conc: 19.62 ug/ml



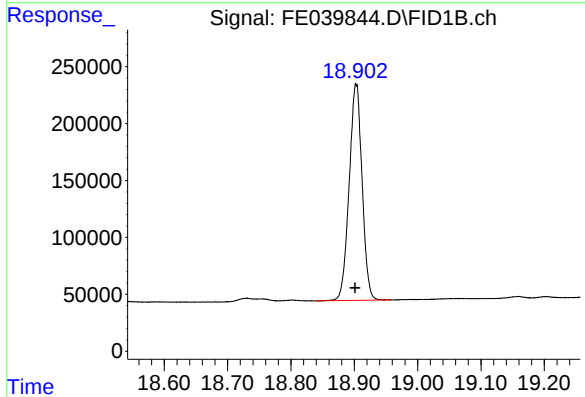
#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: 0.002 min
Response: 2599143
Conc: 19.97 ug/ml



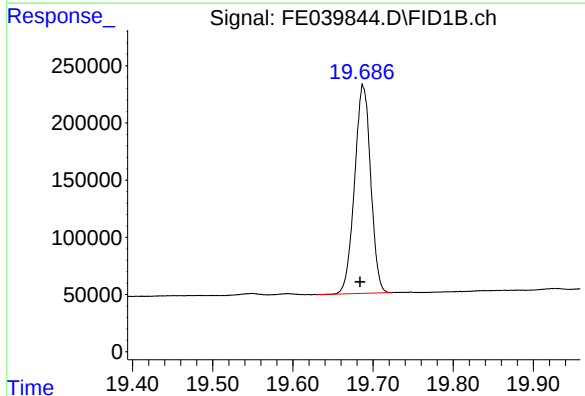
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 2672491
Conc: 20.96 ug/ml



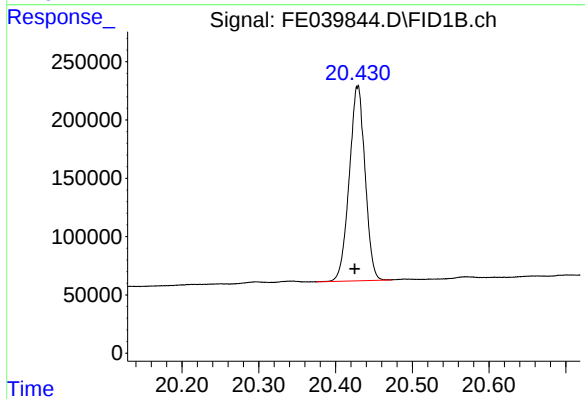
#18 n-Dotriacontane (C32)

R.T.: 18.903 min
Delta R.T.: 0.002 min
Response: 2694780
Conc: 21.32 ug/ml



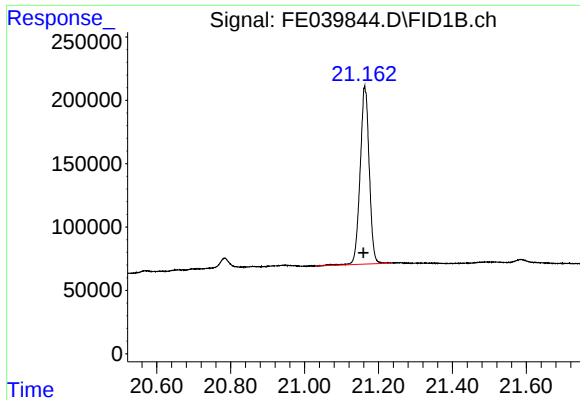
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.004 min
Response: 2540756
Conc: 20.56 ug/ml



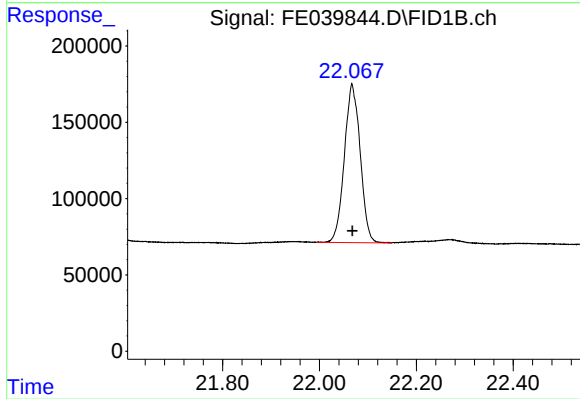
#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: 0.004 min
Response: 2387983
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: 0.003 min
Response: 2394520
Conc: 20.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: 0.000 min
Response: 2352245
Conc: 19.38 ug/ml