

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021622AL\
 Data File : FE035041.D
 Signal(s) : FID1B.CH
 Acq On : 16 Feb 2022 13:01
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 13:31:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021622.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 13:06:16 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.728	4749222	4.647 ug/ml
Spiked Amount 50.000		Recovery =	9.29%
12) S 1-chlorooctadecane (S...	13.147	3660484	4.590 ug/ml
Spiked Amount 50.000		Recovery =	9.18%
Target Compounds			
1) T n-Nonane (C9)	3.628	3799808	4.402 ug/ml
2) T n-Decane (C10)	4.617	3998273	4.497 ug/ml
3) T A~Naphthalene (C11.7)	6.169	4483327	4.634 ug/ml
4) T n-Dodecane (C12)	6.585	4264657	4.639 ug/ml
5) T A~2-methylnaphthalene...	7.215	4509099	4.602 ug/ml
6) T n-Tetradecane (C14)	8.367	4240601	4.587 ug/ml
7) T n-Hexadecane (C16)	9.961	4307768	4.615 ug/ml
8) T n-Octadecane (C18)	11.398	4383371	4.654 ug/ml
10) T n-Eicosane (C20)	12.702	4364945	4.682 ug/ml
11) T n-Heneicosane (C21)	13.312	4334850	4.649 ug/ml
13) T n-Docosane (C22)	13.896	4427879	4.775 ug/ml
14) T n-Tetracosane (C24)	14.994	4505208	4.957 ug/ml
15) T n-Hexacosane (C26)	16.010	4425818	5.115 ug/ml
16) T n-Octacosane (C28)	16.956	4197873	5.289 ug/ml
17) T n-Tricontane (C30)	17.839	3777253	5.484 ug/ml
18) T n-Dotriacontane (C32)	18.667	2963979	5.468 ug/ml
19) T n-Tetratriacontane (C34)	19.445	1991255	5.230 ug/ml
20) T n-Hexatriacontane (C36)	20.181	1199671	5.035 ug/ml
21) T n-Octatriacontane (C38)	20.930	695699	4.871 ug/ml
22) T n-Tetracontane (C40)	21.863	440900	4.810 ug/ml

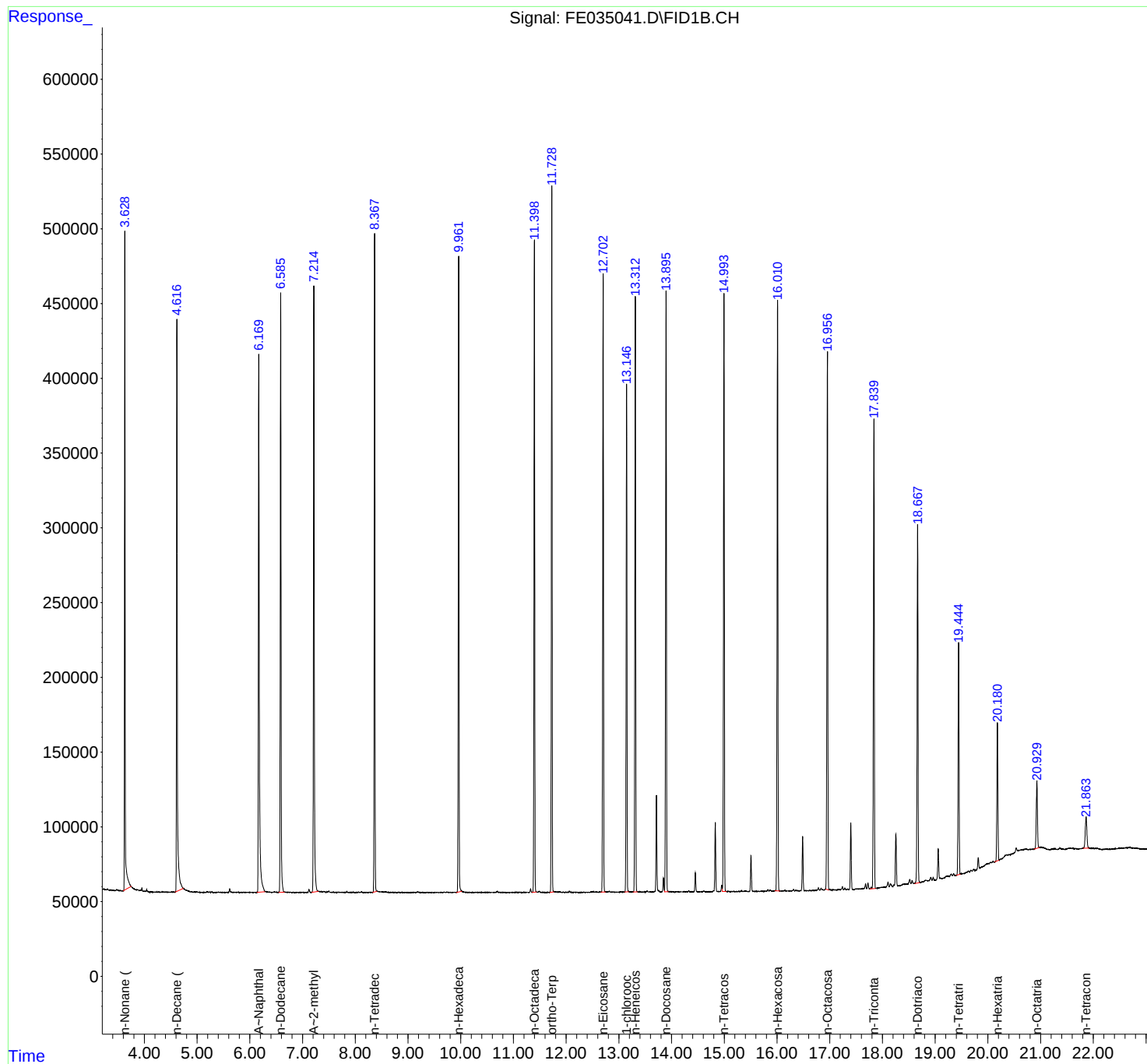
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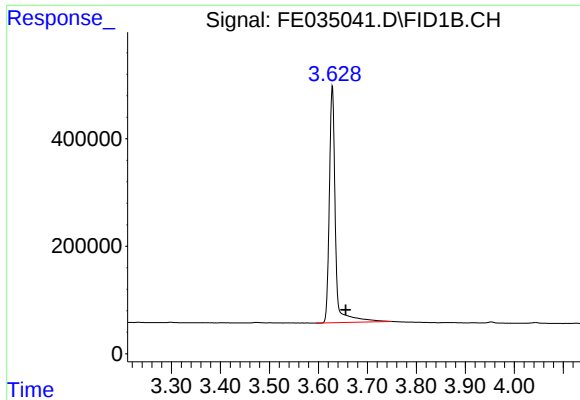
(m)=manual int.

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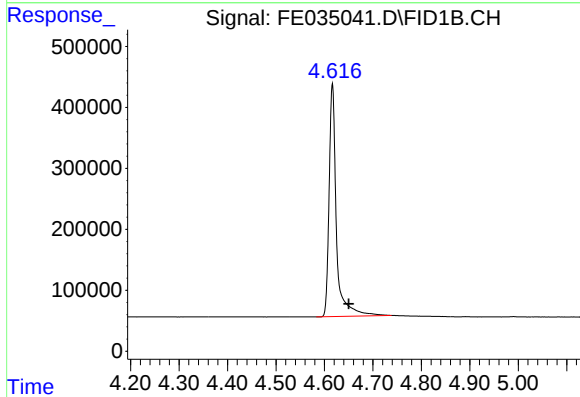
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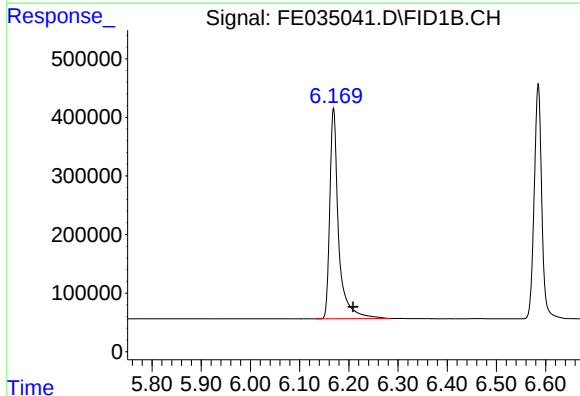
#1 n-Nonane (C9)

R.T.: 3.628 min
Delta R.T.: -0.028 min
Response: 3799808
Conc: 4.40 ug/ml



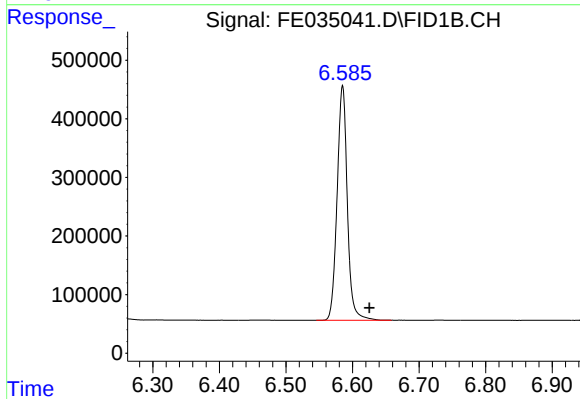
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: -0.033 min
Response: 3998273
Conc: 4.50 ug/ml



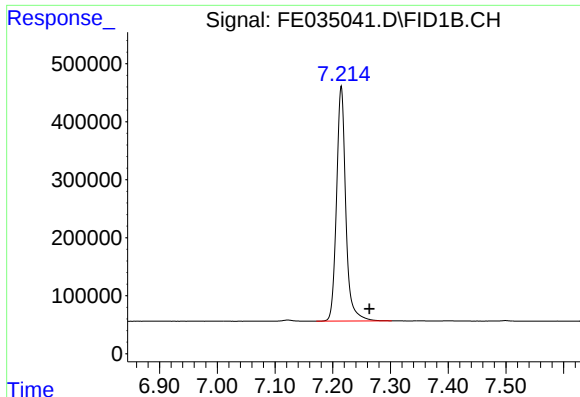
#3 A~Naphthalene (C11.7)

R.T.: 6.169 min
Delta R.T.: -0.040 min
Response: 4483327
Conc: 4.63 ug/ml



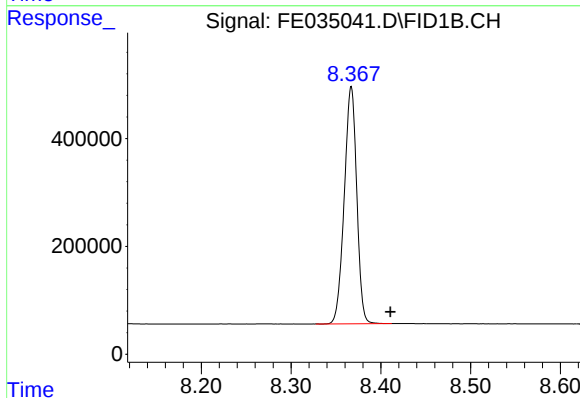
#4 n-Dodecane (C12)

R.T.: 6.585 min
Delta R.T.: -0.040 min
Response: 4264657
Conc: 4.64 ug/ml



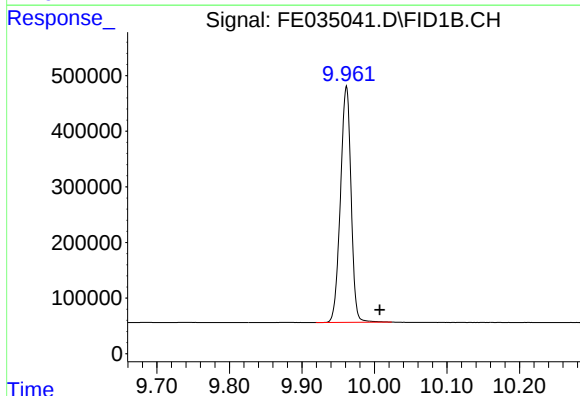
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.215 min
Delta R.T.: -0.049 min
Response: 4509099
Conc: 4.60 ug/ml



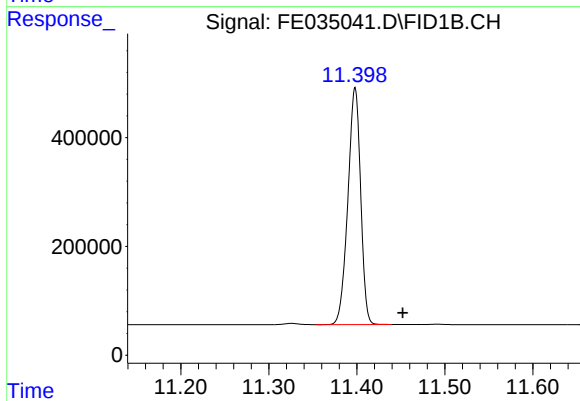
#6 n-Tetradecane (C14)

R.T.: 8.367 min
Delta R.T.: -0.044 min
Response: 4240601
Conc: 4.59 ug/ml



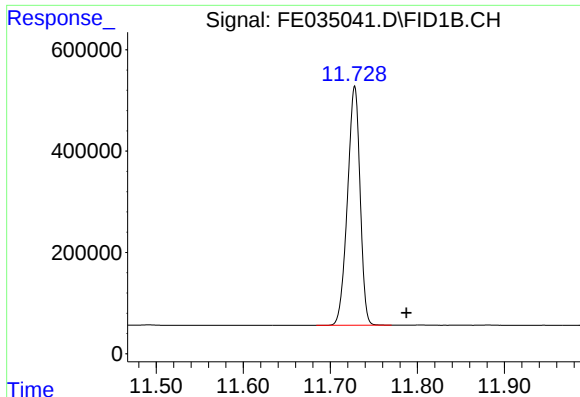
#7 n-Hexadecane (C16)

R.T.: 9.961 min
Delta R.T.: -0.046 min
Response: 4307768
Conc: 4.61 ug/ml



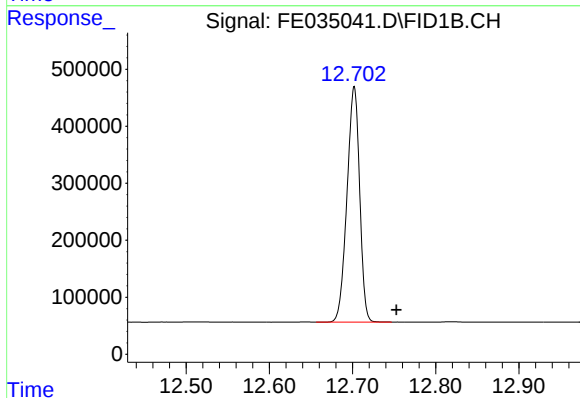
#8 n-Octadecane (C18)

R.T.: 11.398 min
Delta R.T.: -0.054 min
Response: 4383371
Conc: 4.65 ug/ml



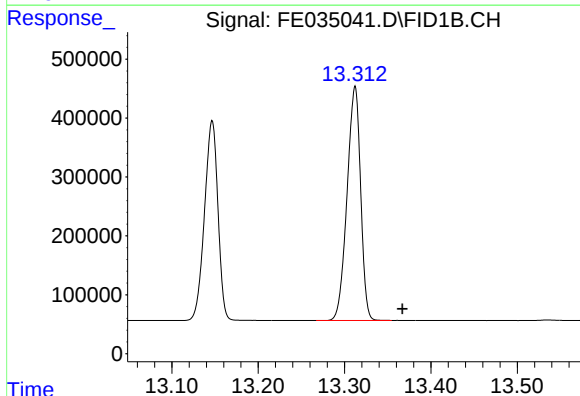
#9 ortho-Terphenyl (SURR)

R.T.: 11.728 min
Delta R.T.: -0.059 min
Response: 4749222
Conc: 4.65 ug/ml



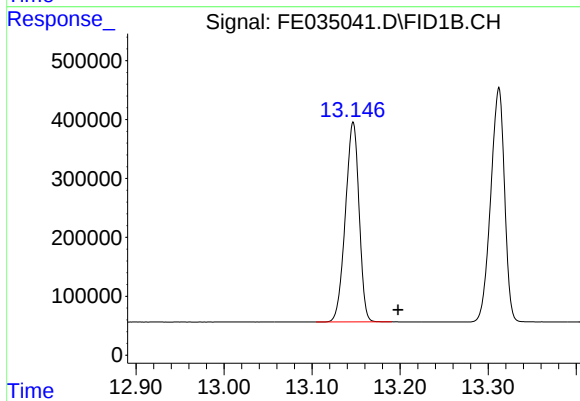
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: -0.051 min
Response: 4364945
Conc: 4.68 ug/ml



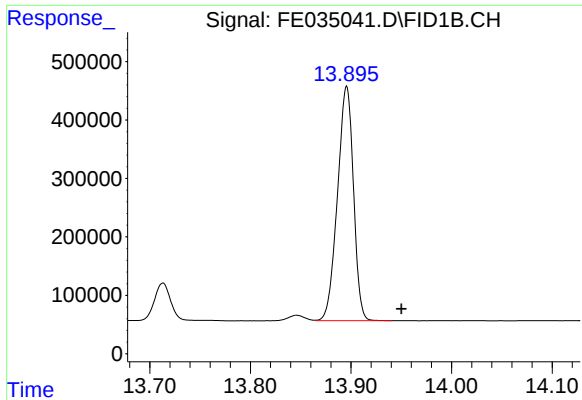
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: -0.055 min
Response: 4334850
Conc: 4.65 ug/ml



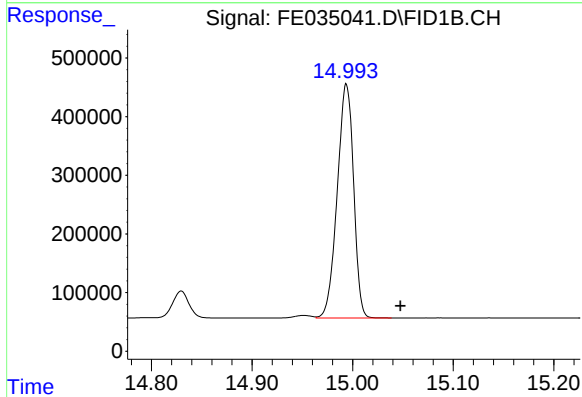
#12 1-chlorooctadecane (SURR)

R.T.: 13.147 min
Delta R.T.: -0.051 min
Response: 3660484
Conc: 4.59 ug/ml



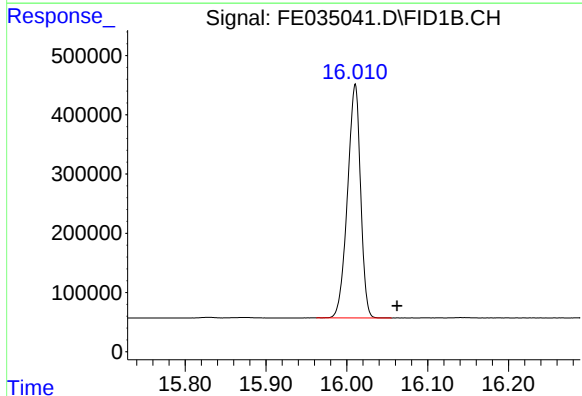
#13 n-Docosane (C22)

R.T.: 13.896 min
Delta R.T.: -0.054 min
Response: 4427879
Conc: 4.78 ug/ml



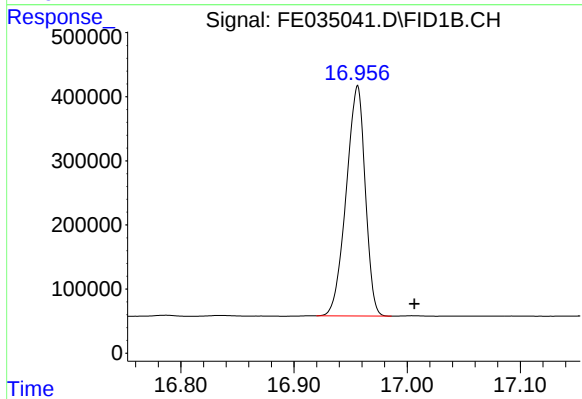
#14 n-Tetracosane (C24)

R.T.: 14.994 min
Delta R.T.: -0.053 min
Response: 4505208
Conc: 4.96 ug/ml



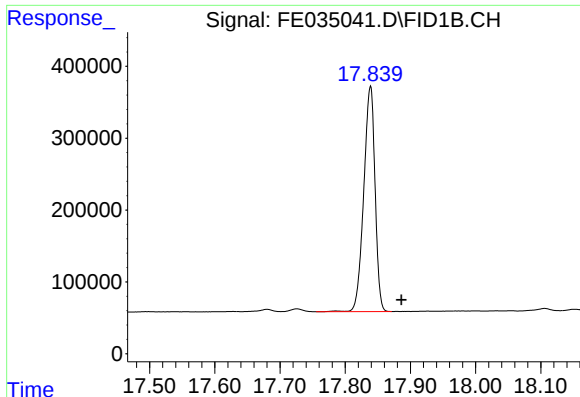
#15 n-Hexacosane (C26)

R.T.: 16.010 min
Delta R.T.: -0.052 min
Response: 4425818
Conc: 5.11 ug/ml



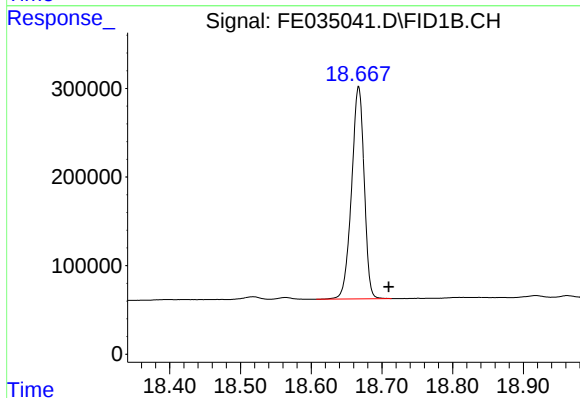
#16 n-Octacosane (C28)

R.T.: 16.956 min
Delta R.T.: -0.050 min
Response: 4197873
Conc: 5.29 ug/ml



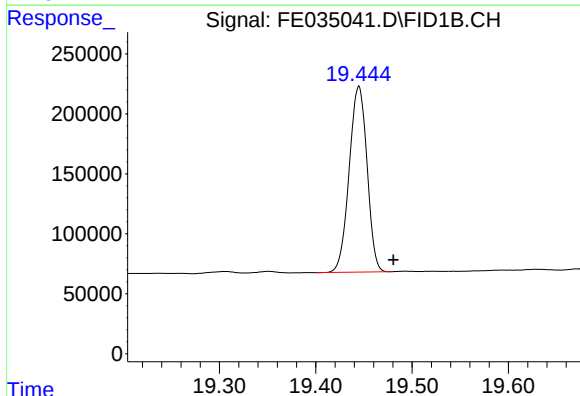
#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: -0.048 min
Response: 3777253
Conc: 5.48 ug/ml



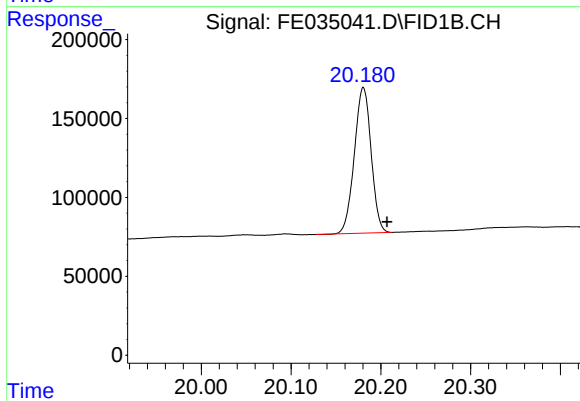
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: -0.042 min
Response: 2963979
Conc: 5.47 ug/ml



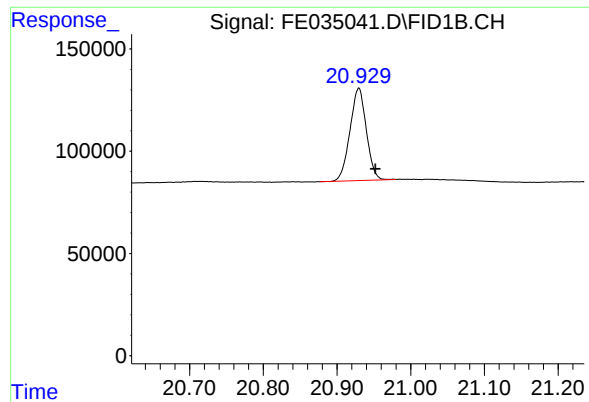
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min
Delta R.T.: -0.036 min
Response: 1991255
Conc: 5.23 ug/ml



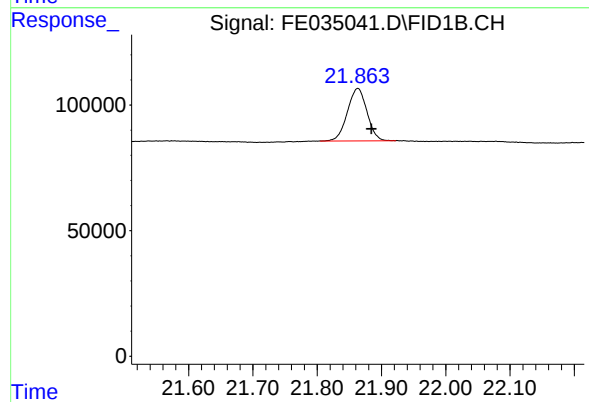
#20 n-Hexatriacontane (C36)

R.T.: 20.181 min
Delta R.T.: -0.026 min
Response: 1199671
Conc: 5.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: -0.022 min
Response: 695699
Conc: 4.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: -0.021 min
Response: 440900
Conc: 4.81 ug/ml