

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011723AL\
 Data File : FE039852.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jan 2023 11:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 18 00:08:22 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	3017205	19.648 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
12) S 1-chlorooctadecane (S...	13.354	2325773	19.930 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
Target Compounds			
1) T n-Nonane (C9)	3.311	2606737	20.536 ug/ml
2) T n-Decane (C10)	4.559	2581333	20.786 ug/ml
3) T A~Naphthalene (C11.7)	6.262	2855215	20.246 ug/ml
4) T n-Dodecane (C12)	6.723	2601450	20.691 ug/ml
5) T A~2-methylnaphthalene...	7.357	2666199	20.356 ug/ml
6) T n-Tetradecane (C14)	8.550	2644963	20.565 ug/ml
7) T n-Hexadecane (C16)	10.157	2747101	20.363 ug/ml
8) T n-Octadecane (C18)	11.599	2808612	20.044 ug/ml
10) T n-Eicosane (C20)	12.909	2751800	19.861 ug/ml
11) T n-Heneicosane (C21)	13.521	2753225	19.731 ug/ml
13) T n-Docosane (C22)	14.108	2744668	19.774 ug/ml
14) T n-Tetracosane (C24)	15.211	2769805	20.118 ug/ml
15) T n-Hexacosane (C26)	16.233	2695953	20.200 ug/ml
16) T n-Octacosane (C28)	17.183	2685630	20.631 ug/ml
17) T n-Tricontane (C30)	18.070	2755824	21.610 ug/ml
18) T n-Dotriacontane (C32)	18.904	2778752	21.980 ug/ml
19) T n-Tetratriacontane (C34)	19.687	2604125	21.074 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2524235	21.410 ug/ml
21) T n-Octatriacontane (C38)	21.164	2354393	19.699 ug/ml
22) T n-Tetracontane (C40)	22.072	2400751	19.781 ug/ml

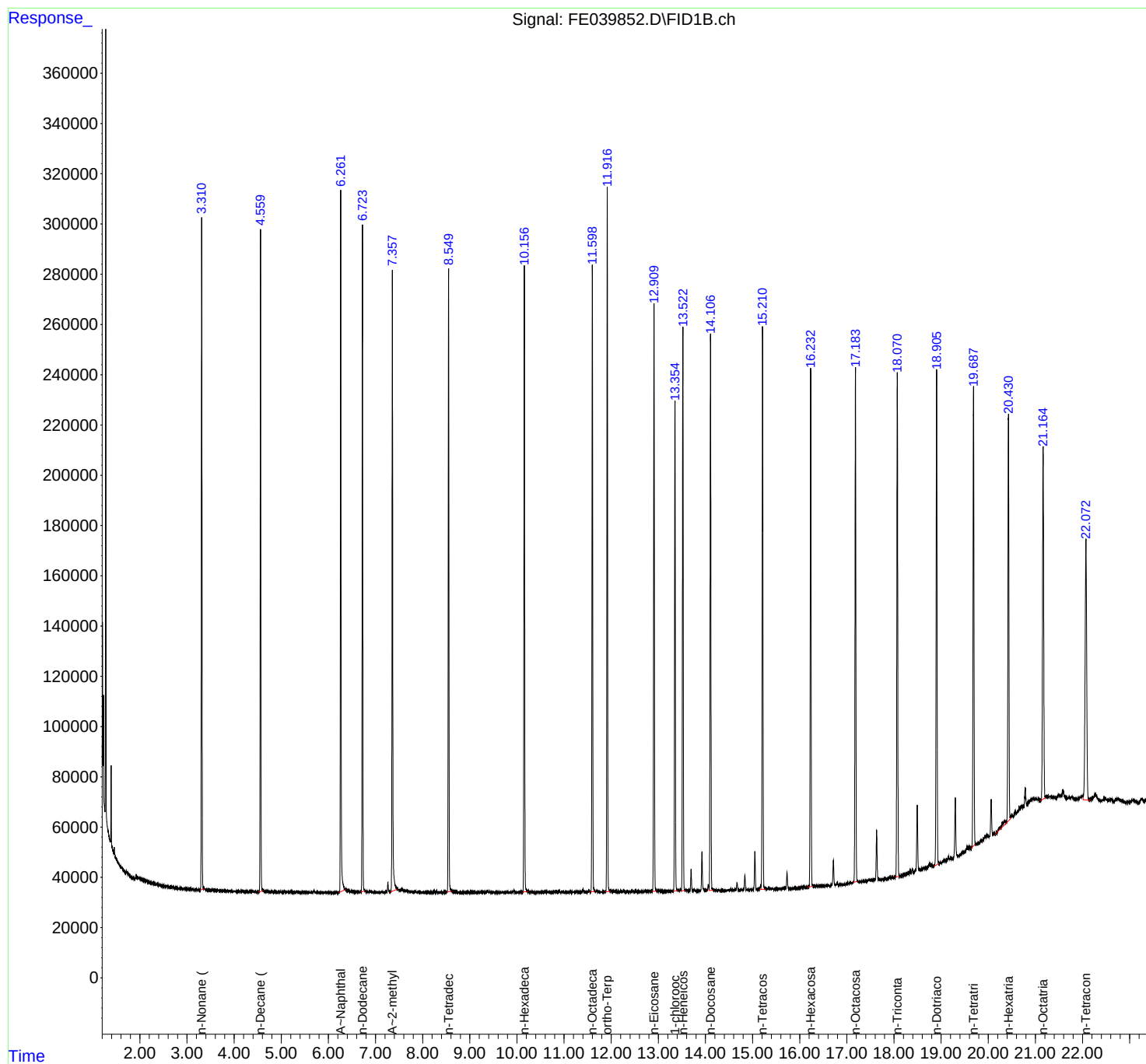
(f)=RT Delta > 1/2 Window

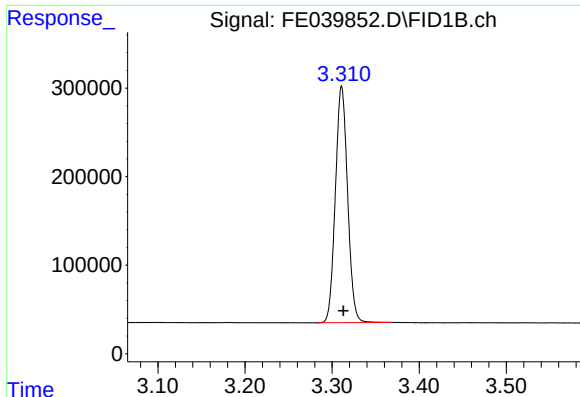
(m)=manual int.

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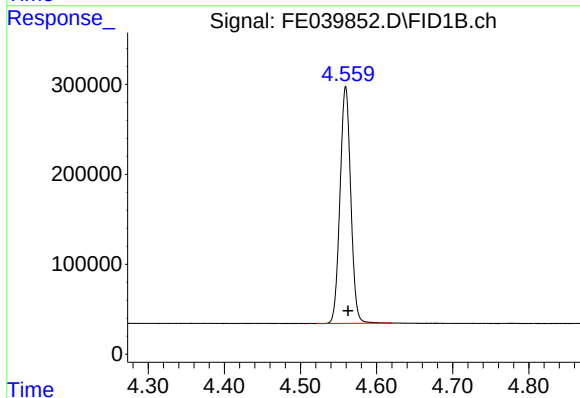
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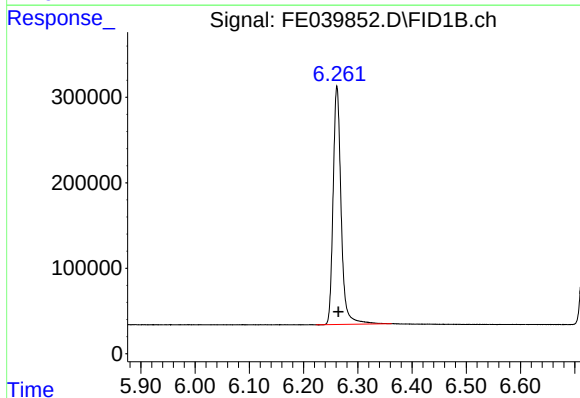
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2606737
Conc: 20.54 ug/ml



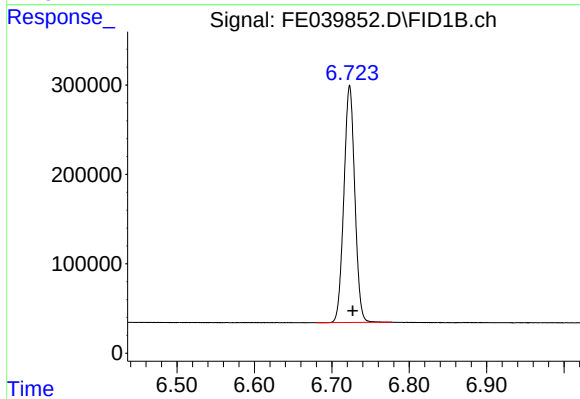
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 2581333
Conc: 20.79 ug/ml



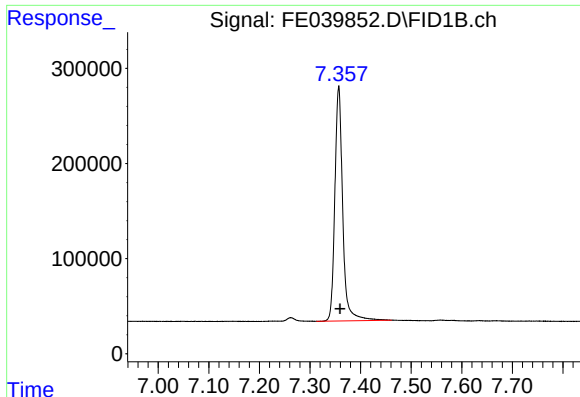
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.003 min
Response: 2855215
Conc: 20.25 ug/ml



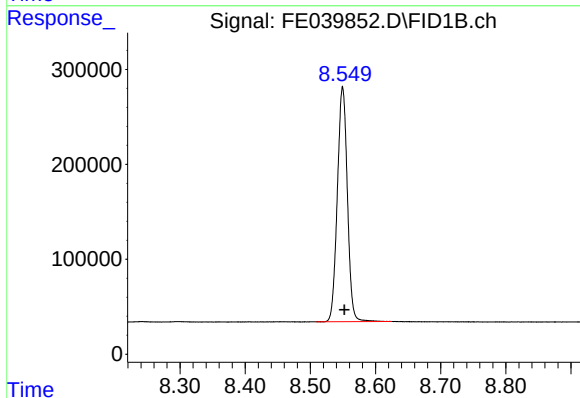
#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.004 min
Response: 2601450
Conc: 20.69 ug/ml



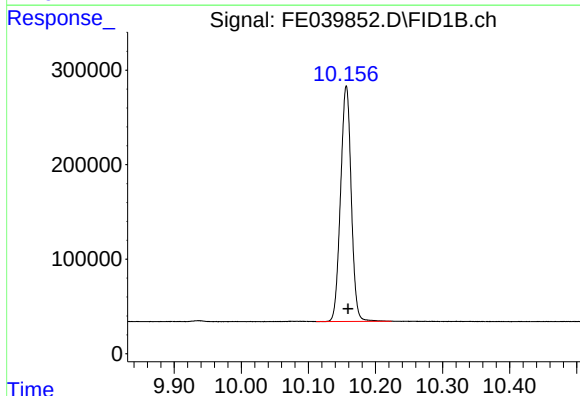
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: -0.002 min
Response: 2666199
Conc: 20.36 ug/ml



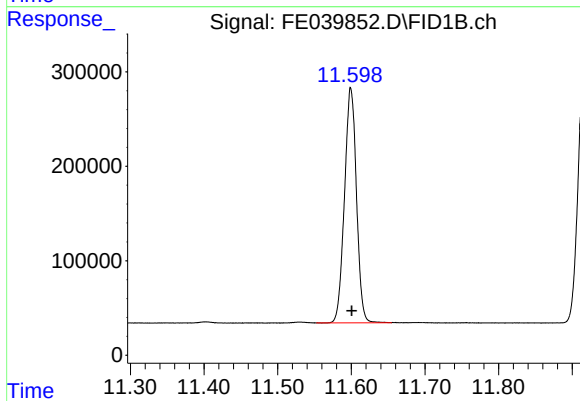
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.003 min
Response: 2644963
Conc: 20.57 ug/ml



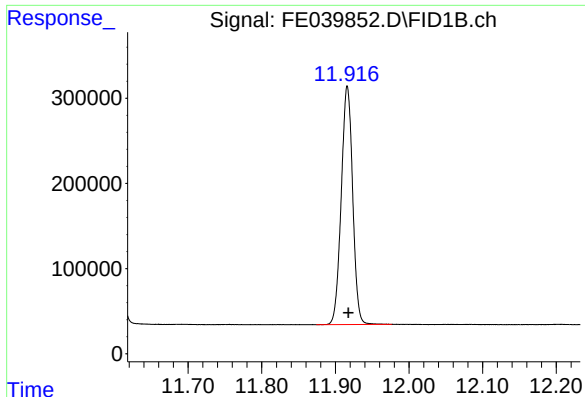
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.002 min
Response: 2747101
Conc: 20.36 ug/ml



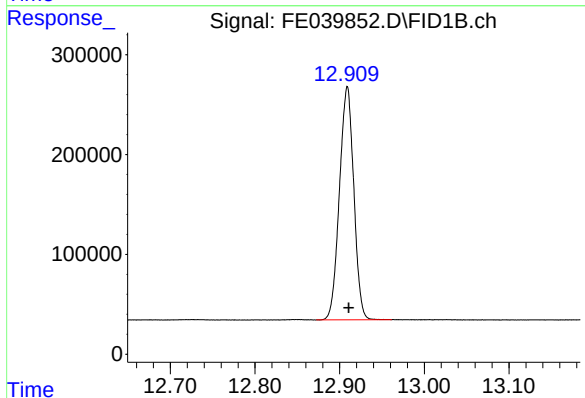
#8 n-Octadecane (C18)

R.T.: 11.599 min
Delta R.T.: -0.001 min
Response: 2808612
Conc: 20.04 ug/ml



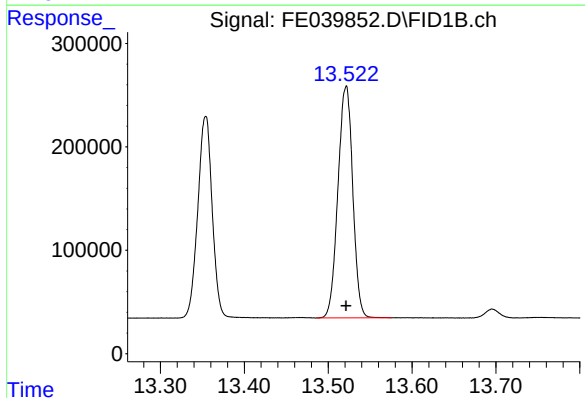
#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: -0.002 min
Response: 3017205
Conc: 19.65 ug/ml



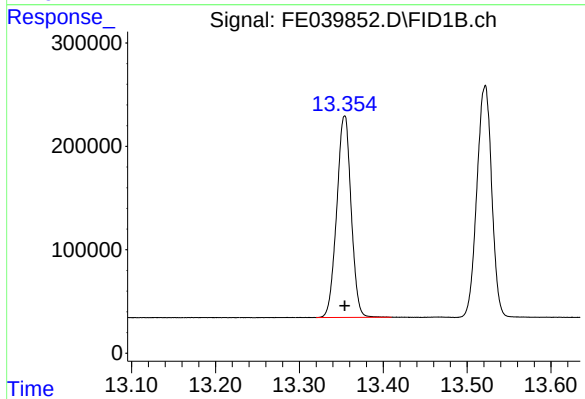
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.001 min
Response: 2751800
Conc: 19.86 ug/ml



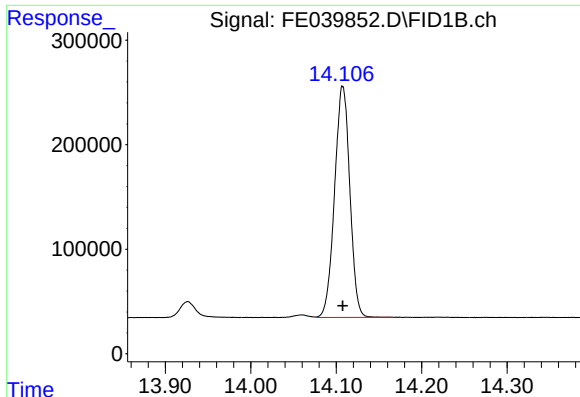
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2753225
Conc: 19.73 ug/ml



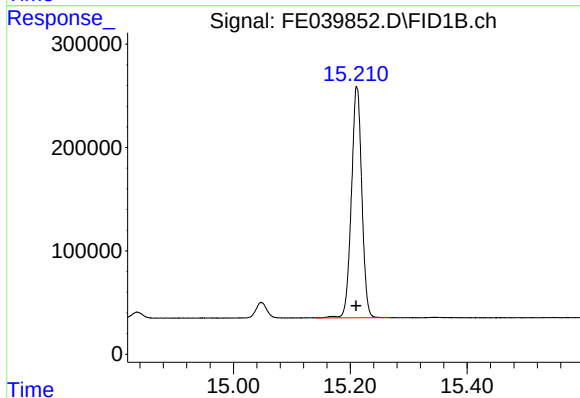
#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 2325773
Conc: 19.93 ug/ml



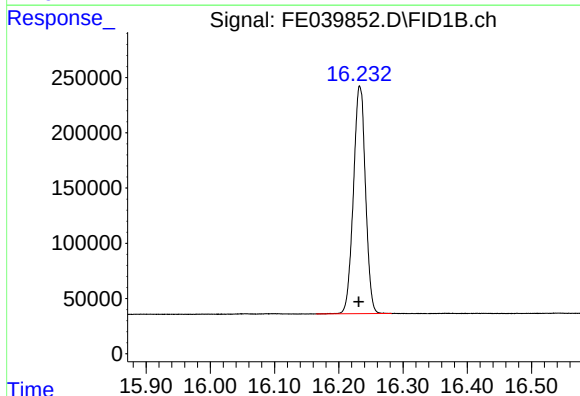
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: 0.000 min
Response: 2744668
Conc: 19.77 ug/ml



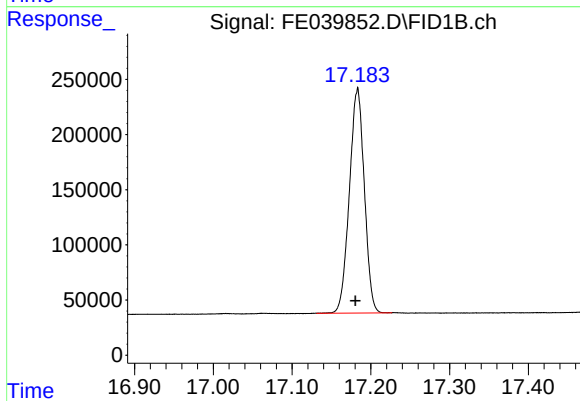
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: 0.002 min
Response: 2769805
Conc: 20.12 ug/ml



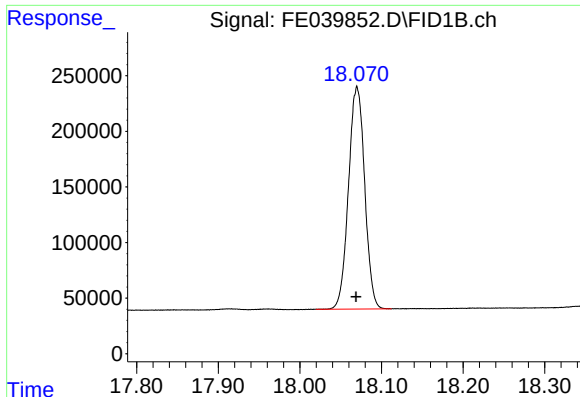
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.002 min
Response: 2695953
Conc: 20.20 ug/ml



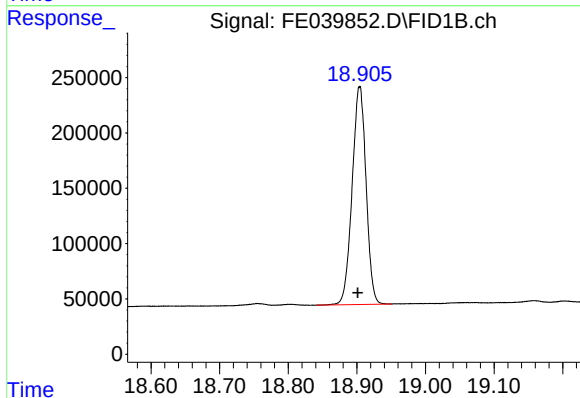
#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: 0.003 min
Response: 2685630
Conc: 20.63 ug/ml



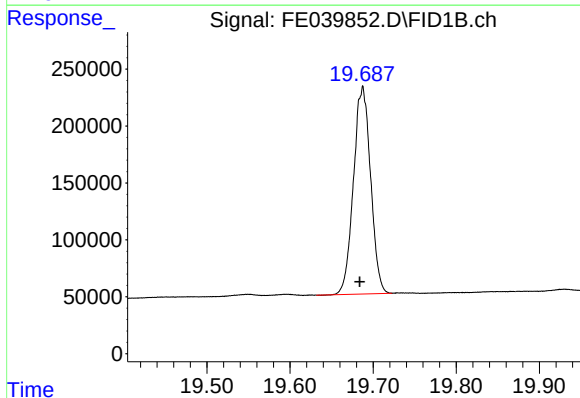
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 2755824
Conc: 21.61 ug/ml



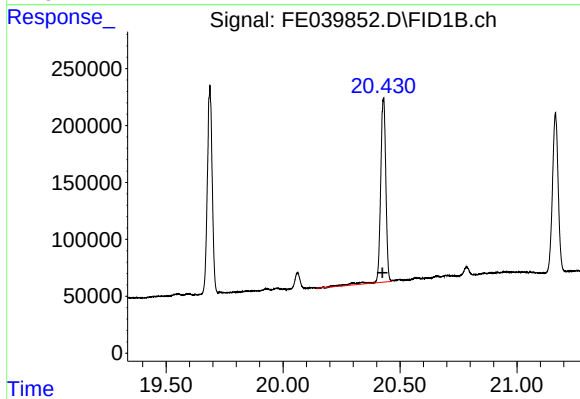
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.003 min
Response: 2778752
Conc: 21.98 ug/ml



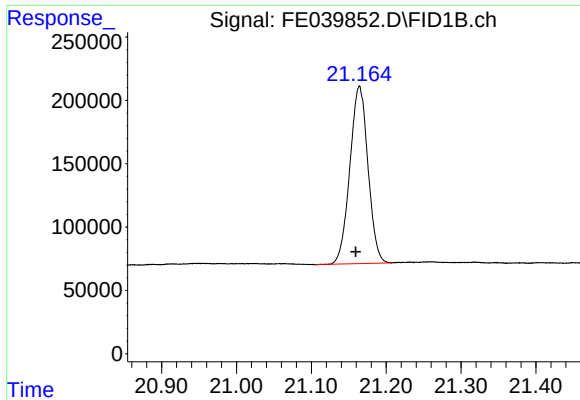
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.004 min
Response: 2604125
Conc: 21.07 ug/ml



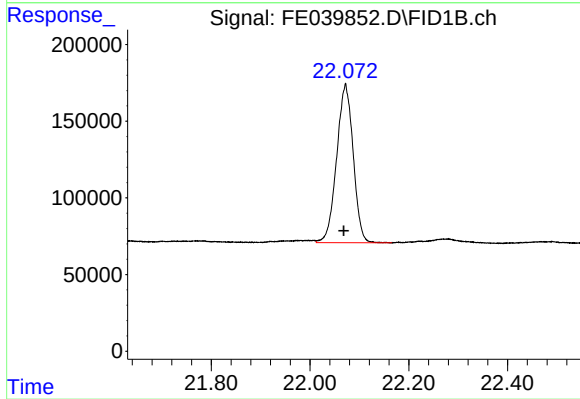
#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: 0.004 min
Response: 2524235
Conc: 21.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: 0.005 min
Response: 2354393
Conc: 19.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: 0.004 min
Response: 2400751
Conc: 19.78 ug/ml