

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011723AL\
 Data File : FE039847.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jan 2023 09:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 18 00:07:40 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	3025919	19.704 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.354	2304278	19.746 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
Target Compounds			
1) T n-Nonane (C9)	3.310	2593800	20.434 ug/ml
2) T n-Decane (C10)	4.559	2572200	20.712 ug/ml
3) T A~Naphthalene (C11.7)	6.261	2855207	20.246 ug/ml
4) T n-Dodecane (C12)	6.723	2597199	20.657 ug/ml
5) T A~2-methylnaphthalene...	7.356	2662518	20.328 ug/ml
6) T n-Tetradecane (C14)	8.549	2645856	20.572 ug/ml
7) T n-Hexadecane (C16)	10.157	2753999	20.414 ug/ml
8) T n-Octadecane (C18)	11.599	2816400	20.099 ug/ml
10) T n-Eicosane (C20)	12.908	2751558	19.859 ug/ml
11) T n-Heneicosane (C21)	13.521	2755017	19.743 ug/ml
13) T n-Docosane (C22)	14.108	2745625	19.781 ug/ml
14) T n-Tetracosane (C24)	15.211	2754565	20.007 ug/ml
15) T n-Hexacosane (C26)	16.233	2675567	20.047 ug/ml
16) T n-Octacosane (C28)	17.183	2671018	20.518 ug/ml
17) T n-Tricontane (C30)	18.072	2738536	21.474 ug/ml
18) T n-Dotriacontane (C32)	18.904	2779412	21.985 ug/ml
19) T n-Tetratriacontane (C34)	19.687	2618297	21.189 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2431983	20.628 ug/ml
21) T n-Octatriacontane (C38)	21.164	2393417	20.026 ug/ml
22) T n-Tetracontane (C40)	22.070	2424710	19.978 ug/ml

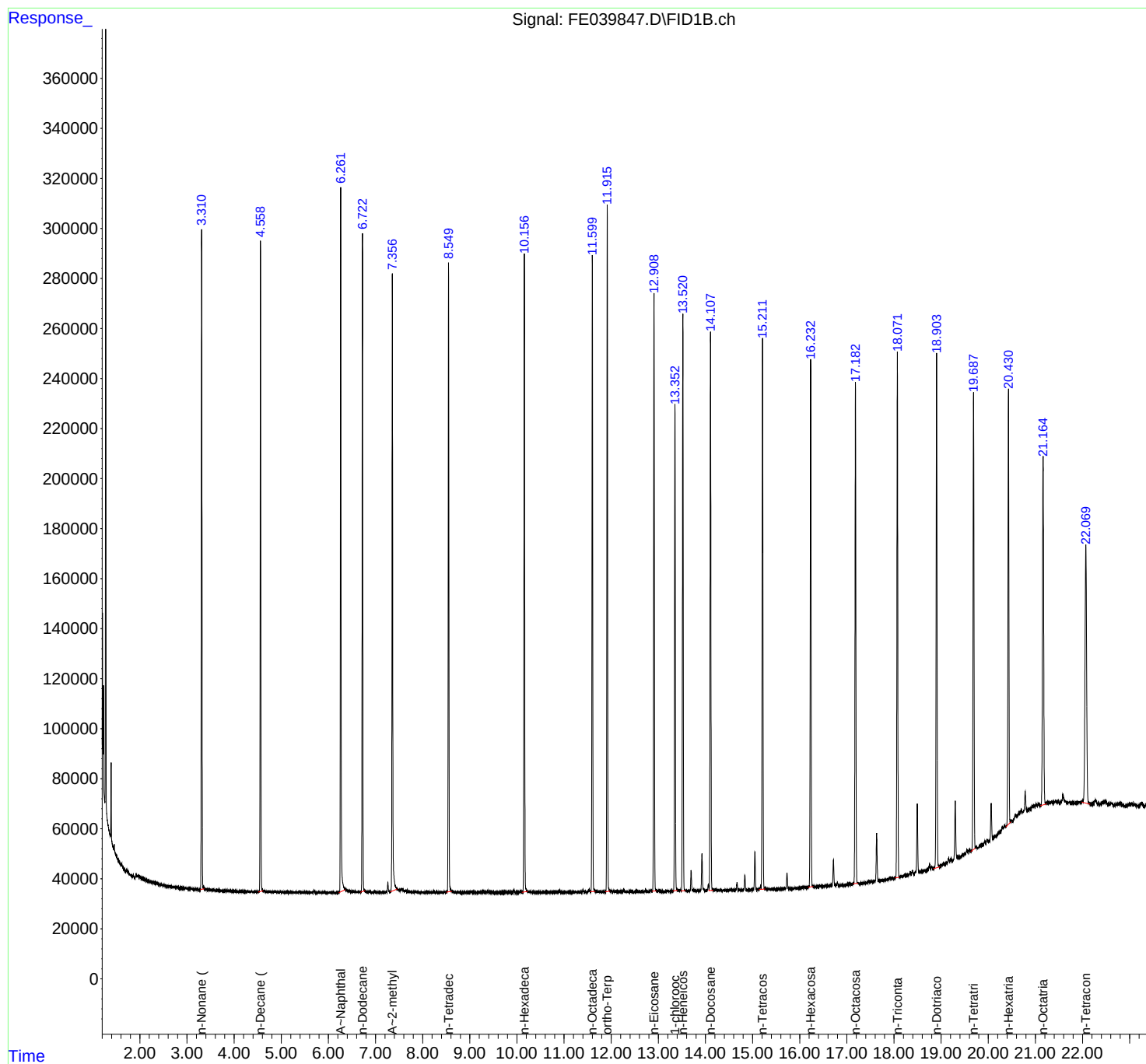
(f)=RT Delta > 1/2 Window

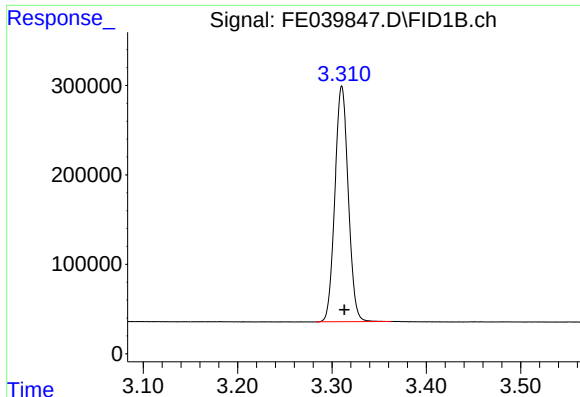
(m)=manual int.

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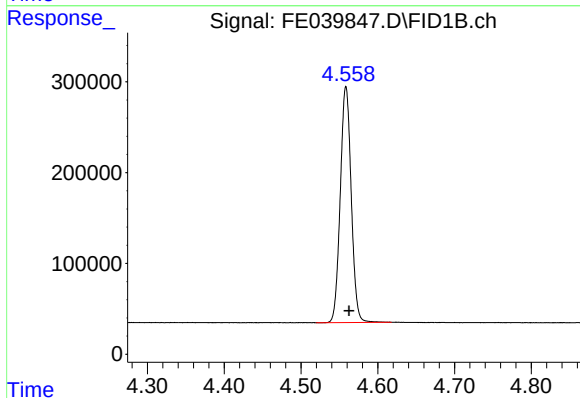
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





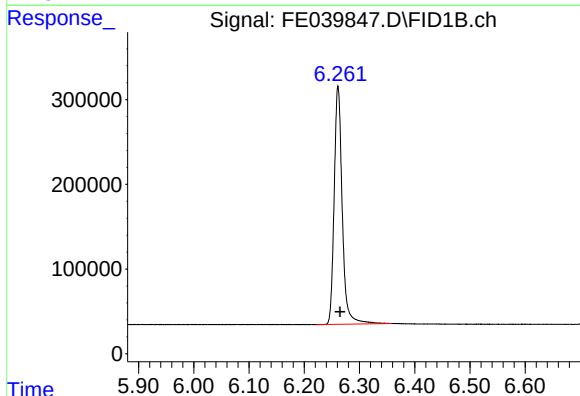
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.003 min
Response: 2593800
Conc: 20.43 ug/ml



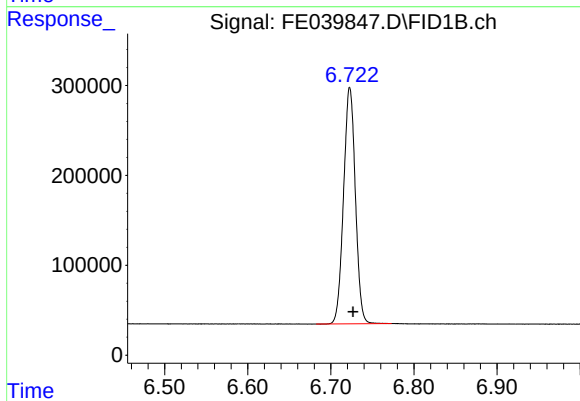
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: -0.004 min
Response: 2572200
Conc: 20.71 ug/ml



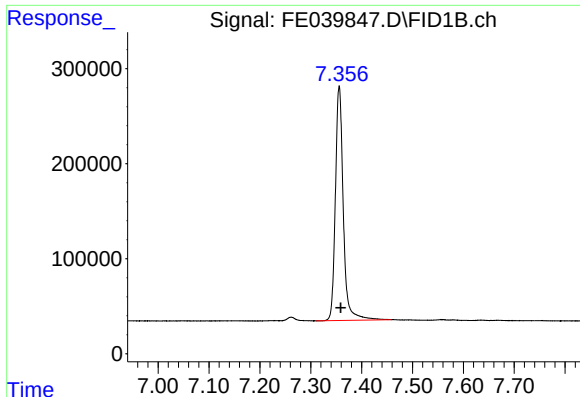
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.003 min
Response: 2855207
Conc: 20.25 ug/ml



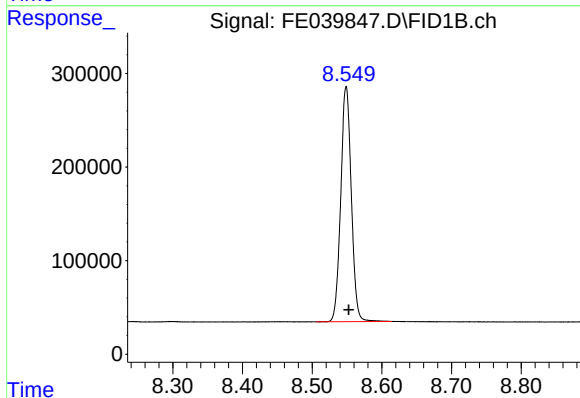
#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.004 min
Response: 2597199
Conc: 20.66 ug/ml



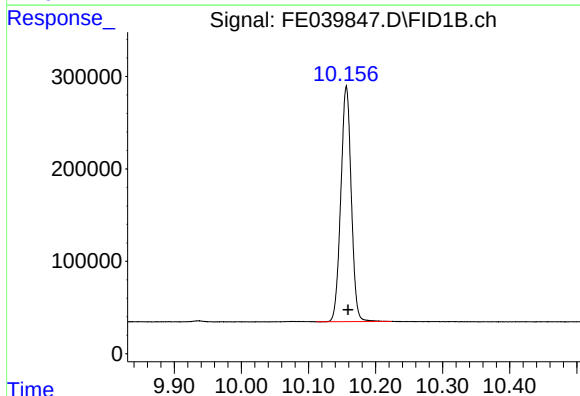
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.356 min
Delta R.T.: -0.003 min
Response: 2662518
Conc: 20.33 ug/ml



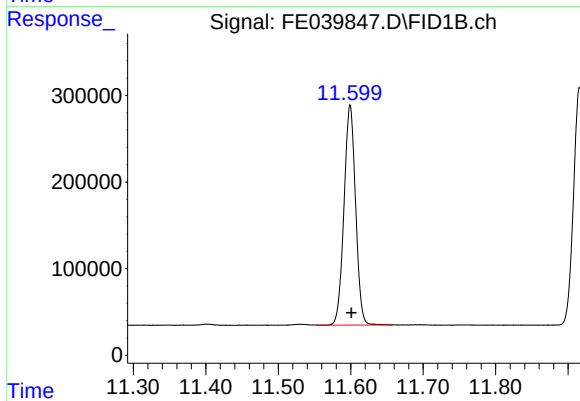
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.004 min
Response: 2645856
Conc: 20.57 ug/ml



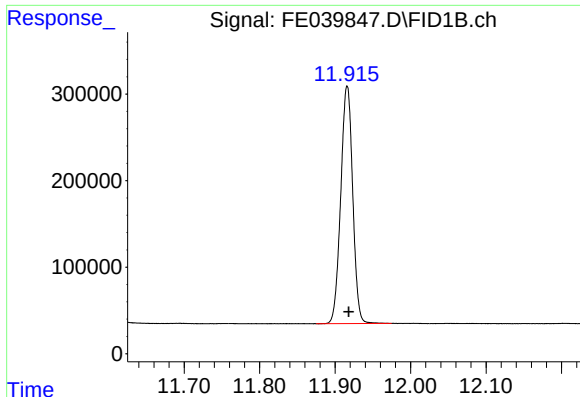
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.003 min
Response: 2753999
Conc: 20.41 ug/ml



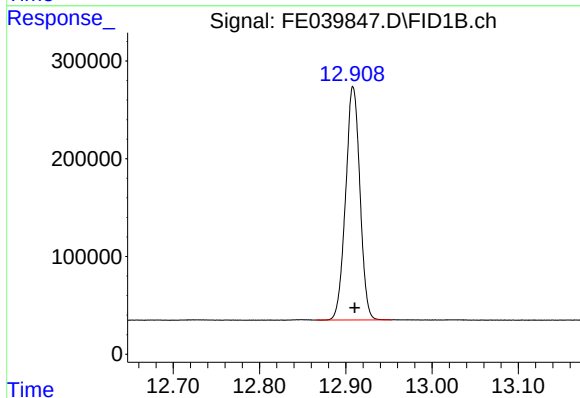
#8 n-Octadecane (C18)

R.T.: 11.599 min
Delta R.T.: -0.001 min
Response: 2816400
Conc: 20.10 ug/ml



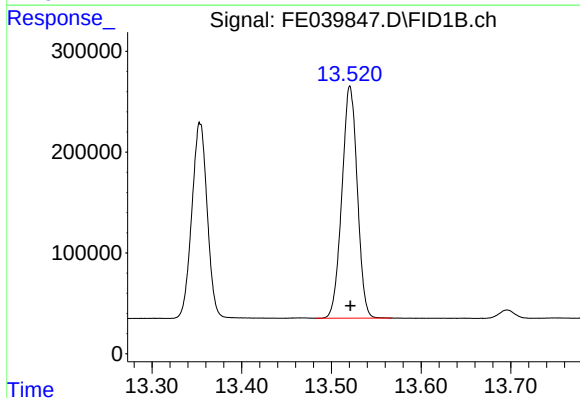
#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: -0.002 min
Response: 3025919
Conc: 19.70 ug/ml



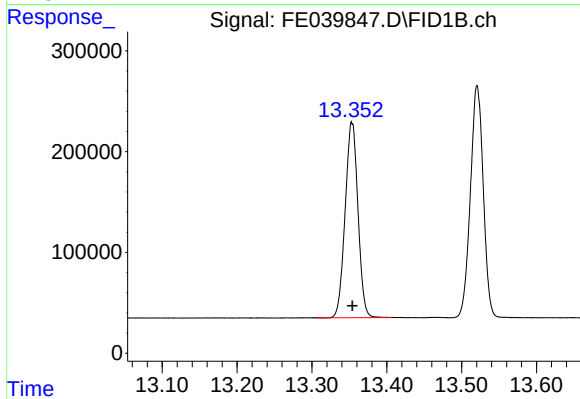
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.002 min
Response: 2751558
Conc: 19.86 ug/ml



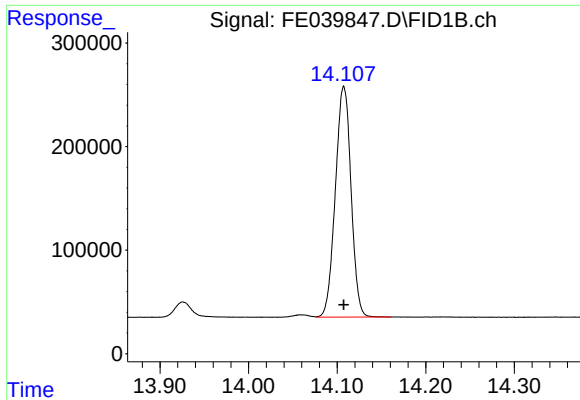
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2755017
Conc: 19.74 ug/ml



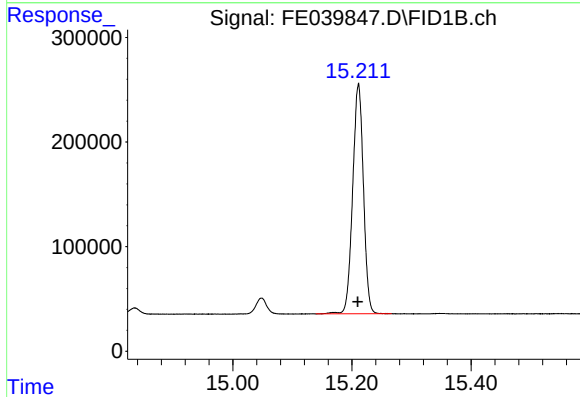
#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 2304278
Conc: 19.75 ug/ml



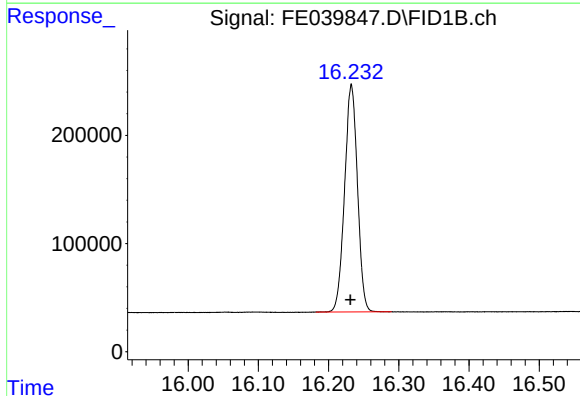
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: 0.000 min
Response: 2745625
Conc: 19.78 ug/ml



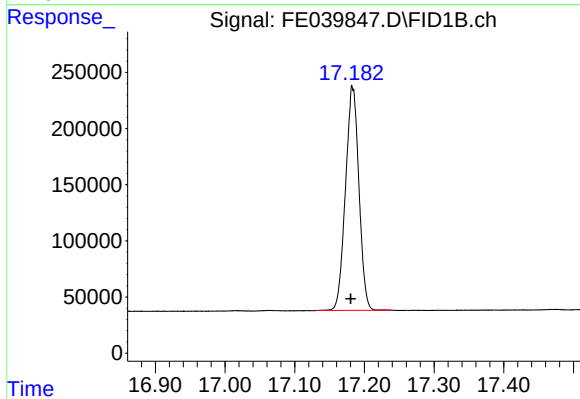
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: 0.001 min
Response: 2754565
Conc: 20.01 ug/ml



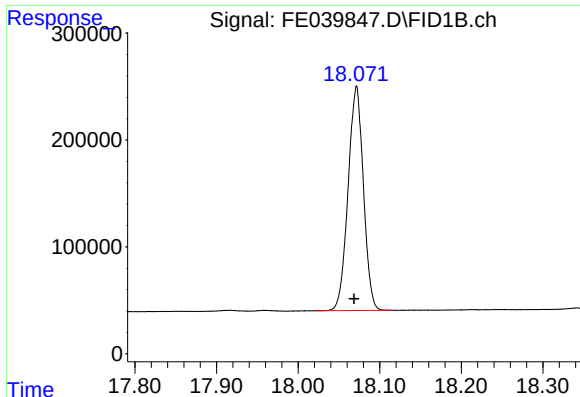
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.001 min
Response: 2675567
Conc: 20.05 ug/ml



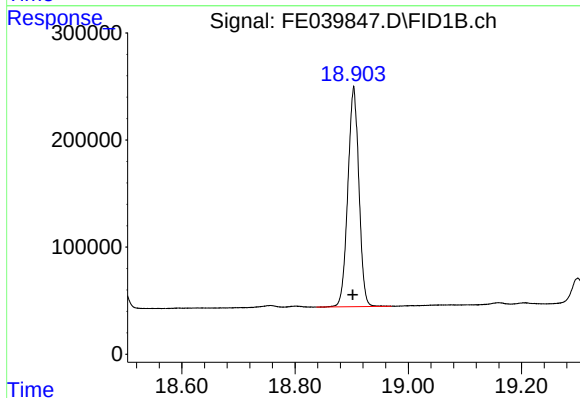
#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: 0.003 min
Response: 2671018
Conc: 20.52 ug/ml



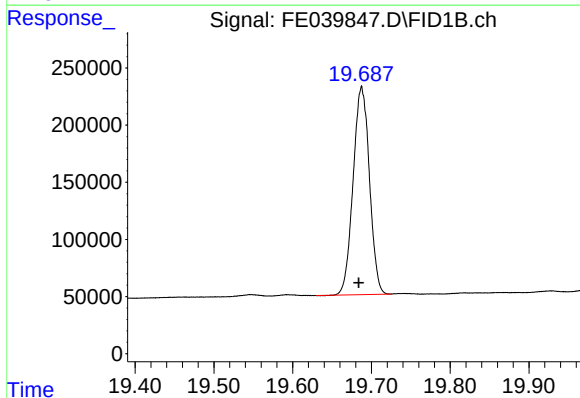
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: 0.003 min
Response: 2738536
Conc: 21.47 ug/ml



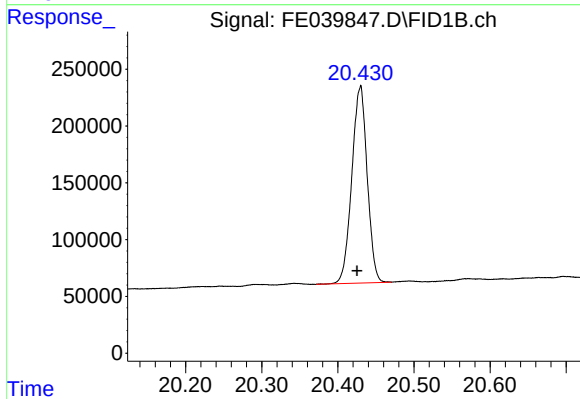
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.002 min
Response: 2779412
Conc: 21.99 ug/ml



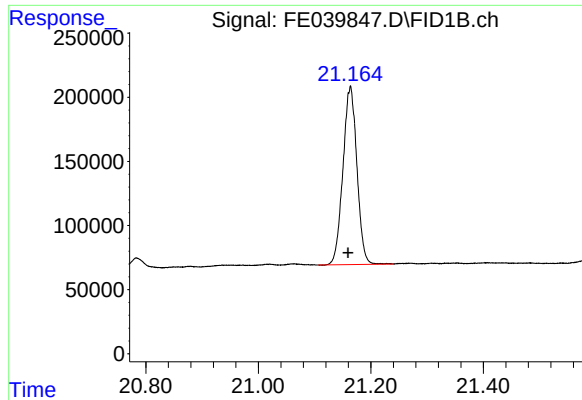
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.004 min
Response: 2618297
Conc: 21.19 ug/ml



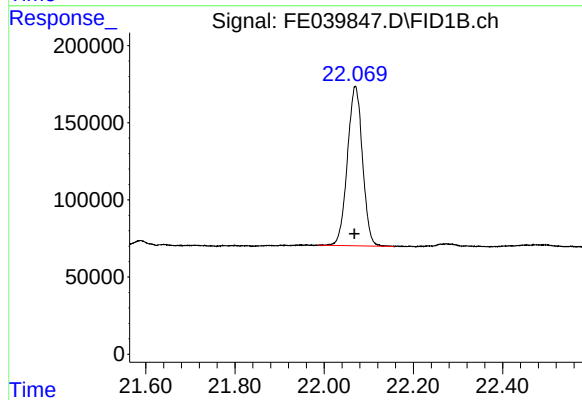
#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: 0.005 min
Response: 2431983
Conc: 20.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: 0.004 min
Response: 2393417
Conc: 20.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: 0.002 min
Response: 2424710
Conc: 19.98 ug/ml