

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021324AL\
 Data File : FFCCC01.D
 Signal(s) : FID2B.ch
 Acq On : 13 Feb 2024 18:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 22:58:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 16:35:47 2024
 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)	11.856	2817426	19.368 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
12) S 1-chlorooctadecane (S...	13.297	2099027	19.451 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.256	2434425	19.660 ug/ml
2) T n-Decane (C10)	4.505	2483711	19.653 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2658749	19.733 ug/ml
4) T n-Dodecane (C12)	6.668	2523168	19.720 ug/ml
5) T A~2-methylnaphthalene...	7.294	2537325	19.781 ug/ml
6) T n-Tetradecane (C14)	8.494	2496941	19.711 ug/ml
7) T n-Hexadecane (C16)	10.100	2583843	19.537 ug/ml
8) T n-Octadecane (C18)	11.543	2641332	19.401 ug/ml
10) T n-Eicosane (C20)	12.853	2559143	19.333 ug/ml
11) T n-Heneicosane (C21)	13.465	2526773	19.338 ug/ml
13) T n-Docosane (C22)	14.053	2488737	19.191 ug/ml
14) T n-Tetracosane (C24)	15.156	2452523	19.099 ug/ml
15) T n-Hexacosane (C26)	16.179	2367320	19.039 ug/ml
16) T n-Octacosane (C28)	17.129	2266622	19.037 ug/ml
17) T n-Tricontane (C30)	18.017	2247532	19.122 ug/ml
18) T n-Dotriacontane (C32)	18.851	2194128	19.380 ug/ml
19) T n-Tetratriacontane (C34)	19.636	2071775	19.322 ug/ml
20) T n-Hexatriacontane (C36)	20.376	2004725	19.919 ug/ml
21) T n-Octatriacontane (C38)	21.104	1967848	18.913 ug/ml
22) T n-Tetracontane (C40)	21.991	1981450	19.689 ug/ml

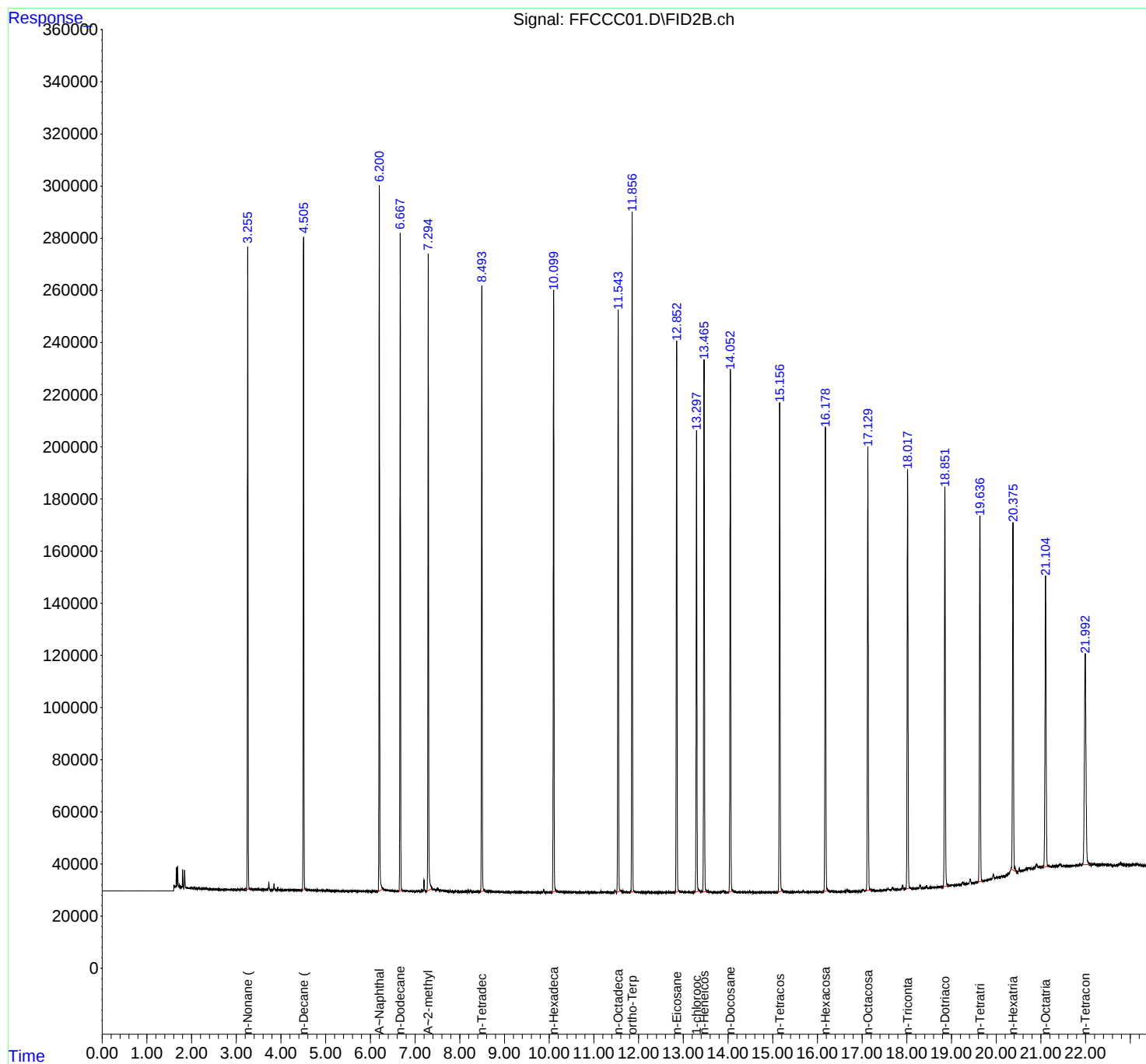
(f)=RT Delta > 1/2 Window

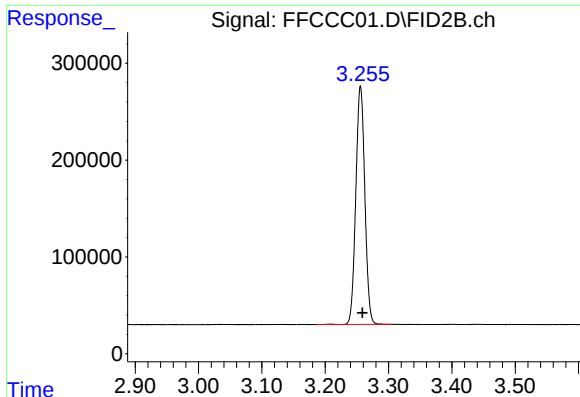
(m)=manual int.

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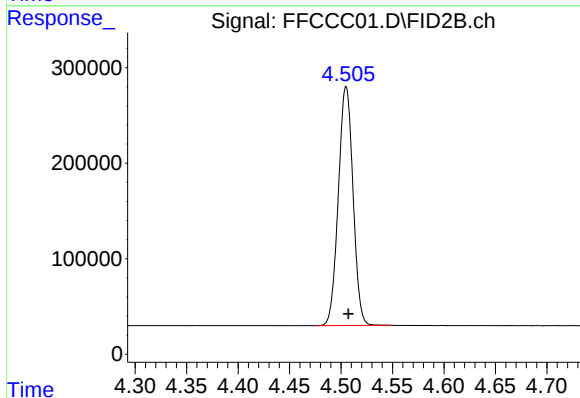
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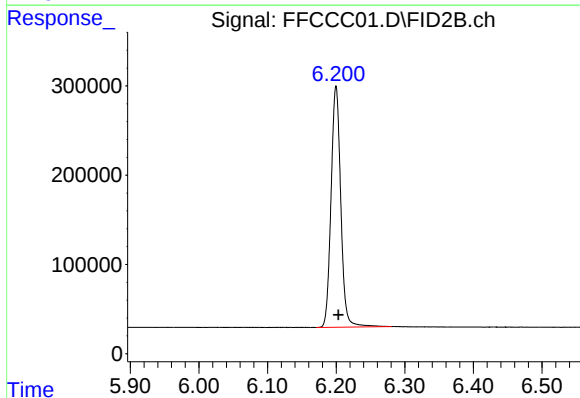
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: -0.003 min
Response: 2434425
Conc: 19.66 ug/ml



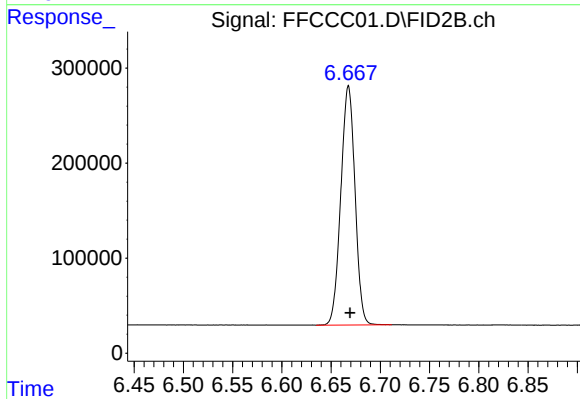
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.002 min
Response: 2483711
Conc: 19.65 ug/ml



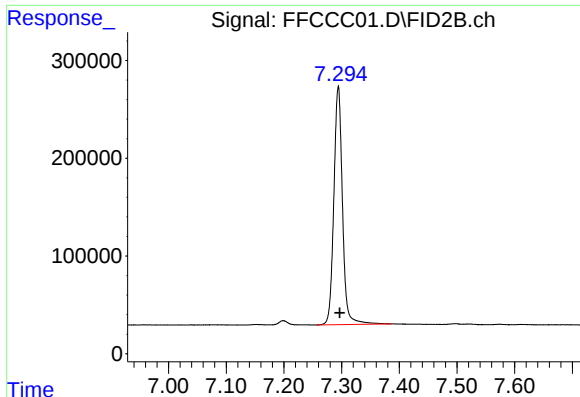
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 2658749
Conc: 19.73 ug/ml



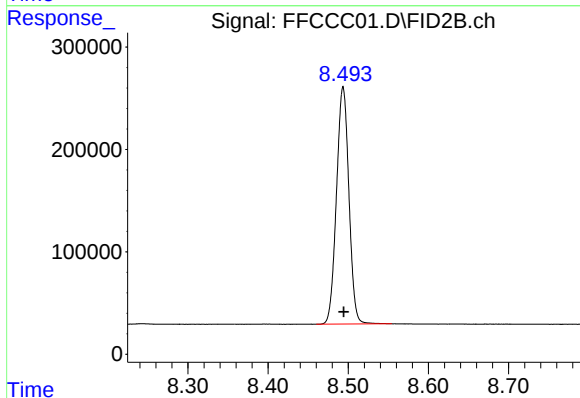
#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 2523168
Conc: 19.72 ug/ml



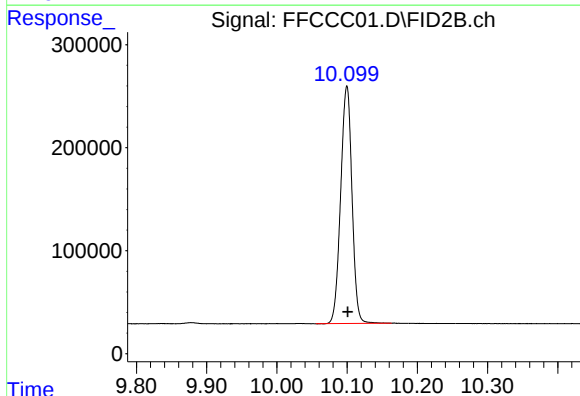
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 2537325
Conc: 19.78 ug/ml



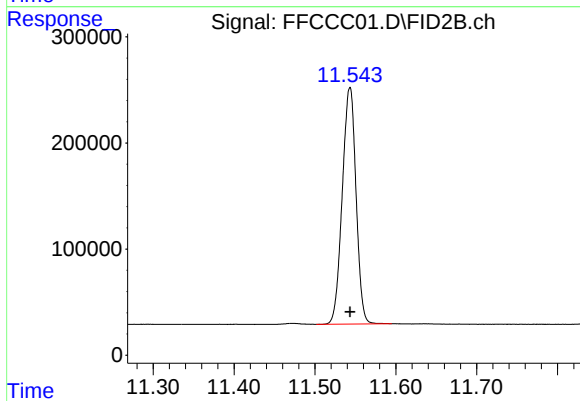
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 2496941
Conc: 19.71 ug/ml



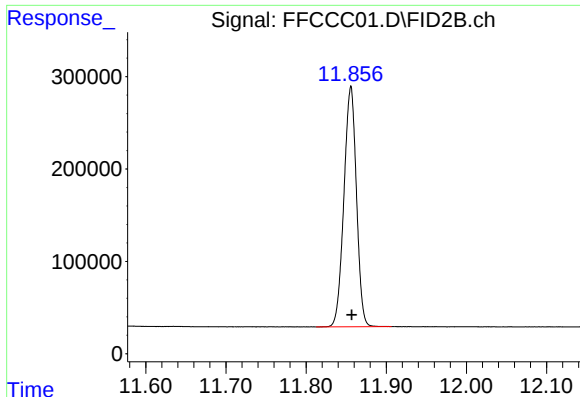
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.001 min
Response: 2583843
Conc: 19.54 ug/ml



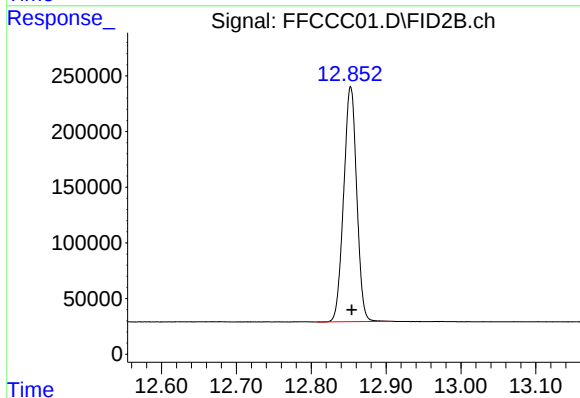
#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: 0.000 min
Response: 2641332
Conc: 19.40 ug/ml



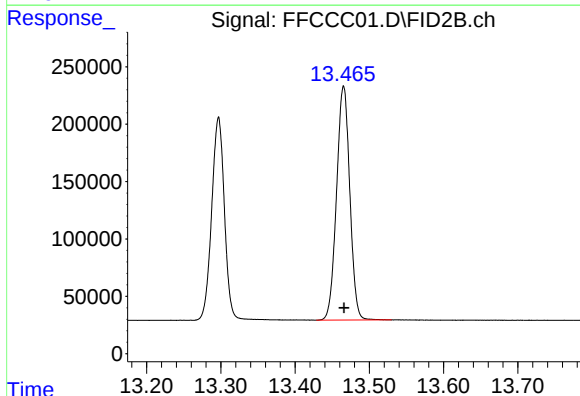
#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: -0.001 min
Response: 2817426
Conc: 19.37 ug/ml



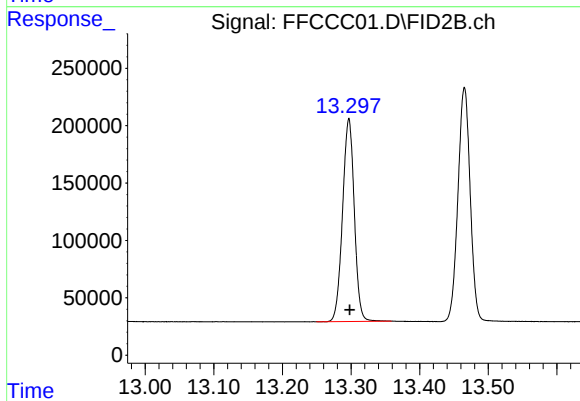
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: -0.001 min
Response: 2559143
Conc: 19.33 ug/ml



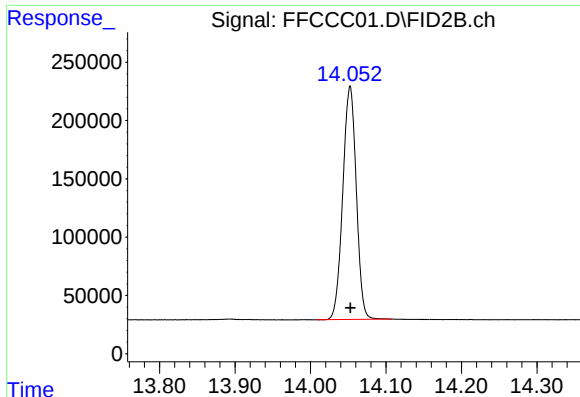
#11 n-Heneicosane (C21)

R.T.: 13.465 min
Delta R.T.: 0.000 min
Response: 2526773
Conc: 19.34 ug/ml



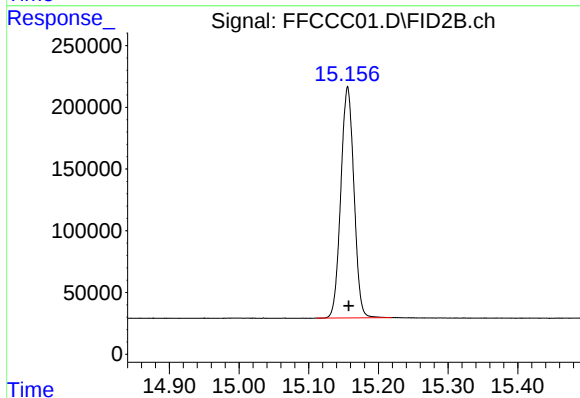
#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: -0.001 min
Response: 2099027
Conc: 19.45 ug/ml



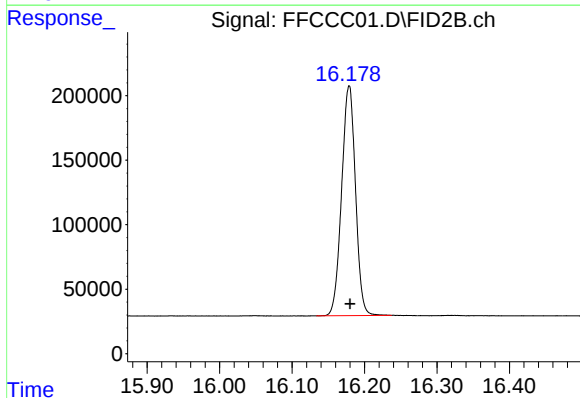
#13 n-Docosane (C22)

R.T.: 14.053 min
Delta R.T.: 0.000 min
Response: 2488737
Conc: 19.19 ug/ml



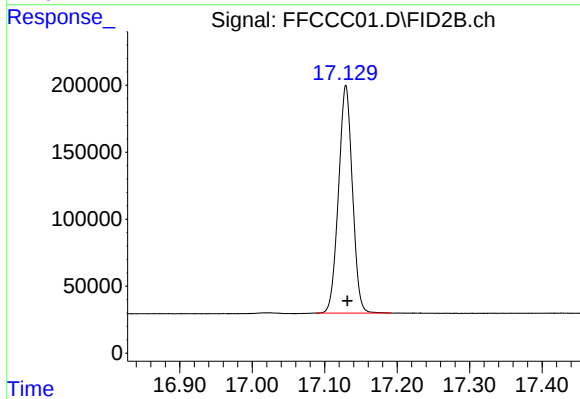
#14 n-Tetracosane (C24)

R.T.: 15.156 min
Delta R.T.: -0.002 min
Response: 2452523
Conc: 19.10 ug/ml



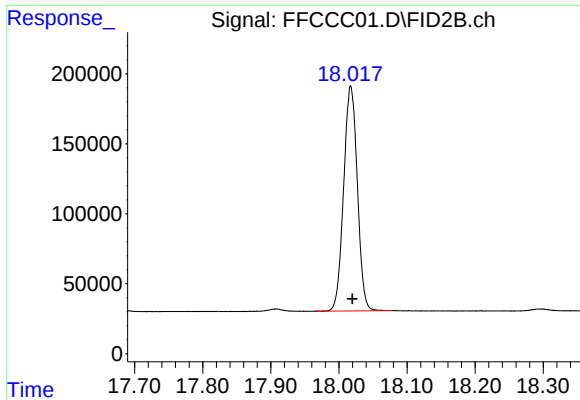
#15 n-Hexacosane (C26)

R.T.: 16.179 min
Delta R.T.: -0.001 min
Response: 2367320
Conc: 19.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.129 min
Delta R.T.: -0.002 min
Response: 2266622
Conc: 19.04 ug/ml



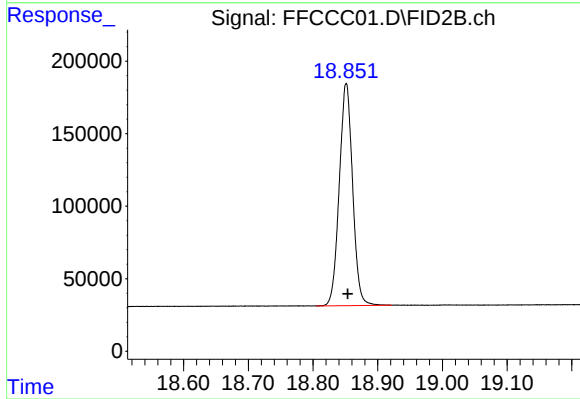
#17 n-Tricontane (C30)

R.T.: 18.017 min

Delta R.T.: -0.003 min

Response: 2247532

Conc: 19.12 ug/ml



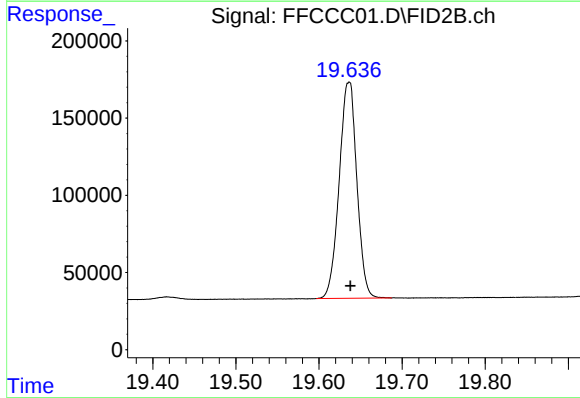
#18 n-Dotriacontane (C32)

R.T.: 18.851 min

Delta R.T.: -0.002 min

Response: 2194128

Conc: 19.38 ug/ml



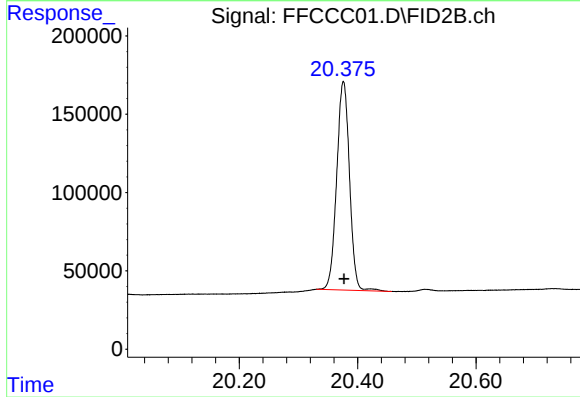
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min

Delta R.T.: -0.001 min

Response: 2071775

Conc: 19.32 ug/ml



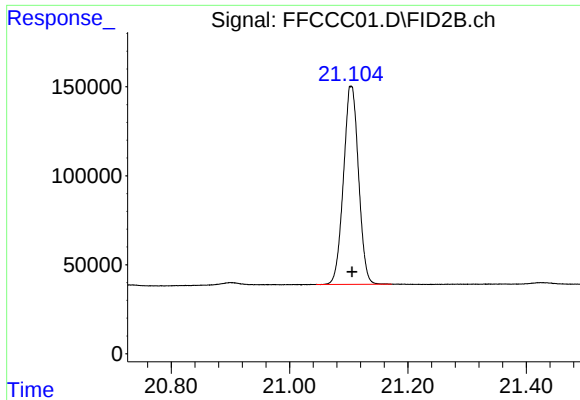
#20 n-Hexatriacontane (C36)

R.T.: 20.376 min

Delta R.T.: 0.000 min

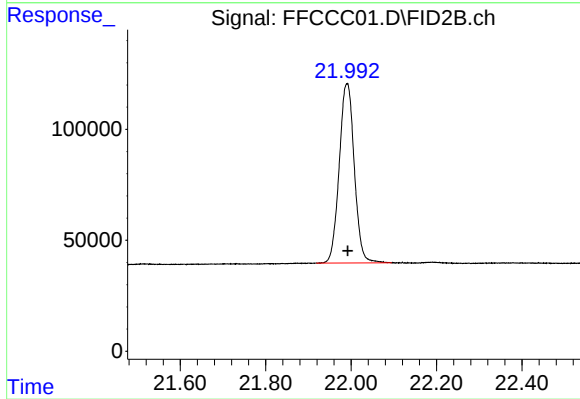
Response: 2004725

Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.002 min
Response: 1967848
Conc: 18.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: 0.000 min
Response: 1981450
Conc: 19.69 ug/ml