

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012221AL\
 Data File : FD036158.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jan 2021 22:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 22 23:03:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 02:11:59 2021
 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)	11.523	2843051	19.179 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	12.954	2213659	18.819 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
Target Compounds			
1) T n-Nonane (C9)	3.311	2753016	21.355 ug/ml
2) T n-Decane (C10)	4.375	2792388	21.460 ug/ml
3) T A~Naphthalene (C11.7)	5.953	3111654	21.247 ug/ml
4) T n-Dodecane (C12)	6.388	2849126	21.425 ug/ml
5) T A~2-methylnaphthalene...	7.006	3159970	21.039 ug/ml
6) T n-Tetradecane (C14)	8.177	2822771	21.124 ug/ml
7) T n-Hexadecane (C16)	9.772	2718359	20.540 ug/ml
8) T n-Octadecane (C18)	11.208	2746970	19.965 ug/ml
10) T n-Eicosane (C20)	12.513	2664791	19.286 ug/ml
11) T n-Heneicosane (C21)	13.123	2611228	18.896 ug/ml
13) T n-Docosane (C22)	13.706	2556951	18.624 ug/ml
14) T n-Tetracosane (C24)	14.804	2448634	18.012 ug/ml
15) T n-Hexacosane (C26)	15.820	2331837	17.565 ug/ml
16) T n-Octacosane (C28)	16.765	2247236	17.369 ug/ml
17) T n-Tricontane (C30)	17.647	2174677	17.638 ug/ml
18) T n-Dotriacontane (C32)	18.474	2025203	18.375 ug/ml
19) T n-Tetratriacontane (C34)	19.254	1915052	19.318 ug/ml
20) T n-Hexatriacontane (C36)	19.989	1821529	20.252 ug/ml
21) T n-Octatriacontane (C38)	20.703	1764259	21.235 ug/ml
22) T n-Tetracontane (C40)	21.566	1938397	23.047 ug/ml

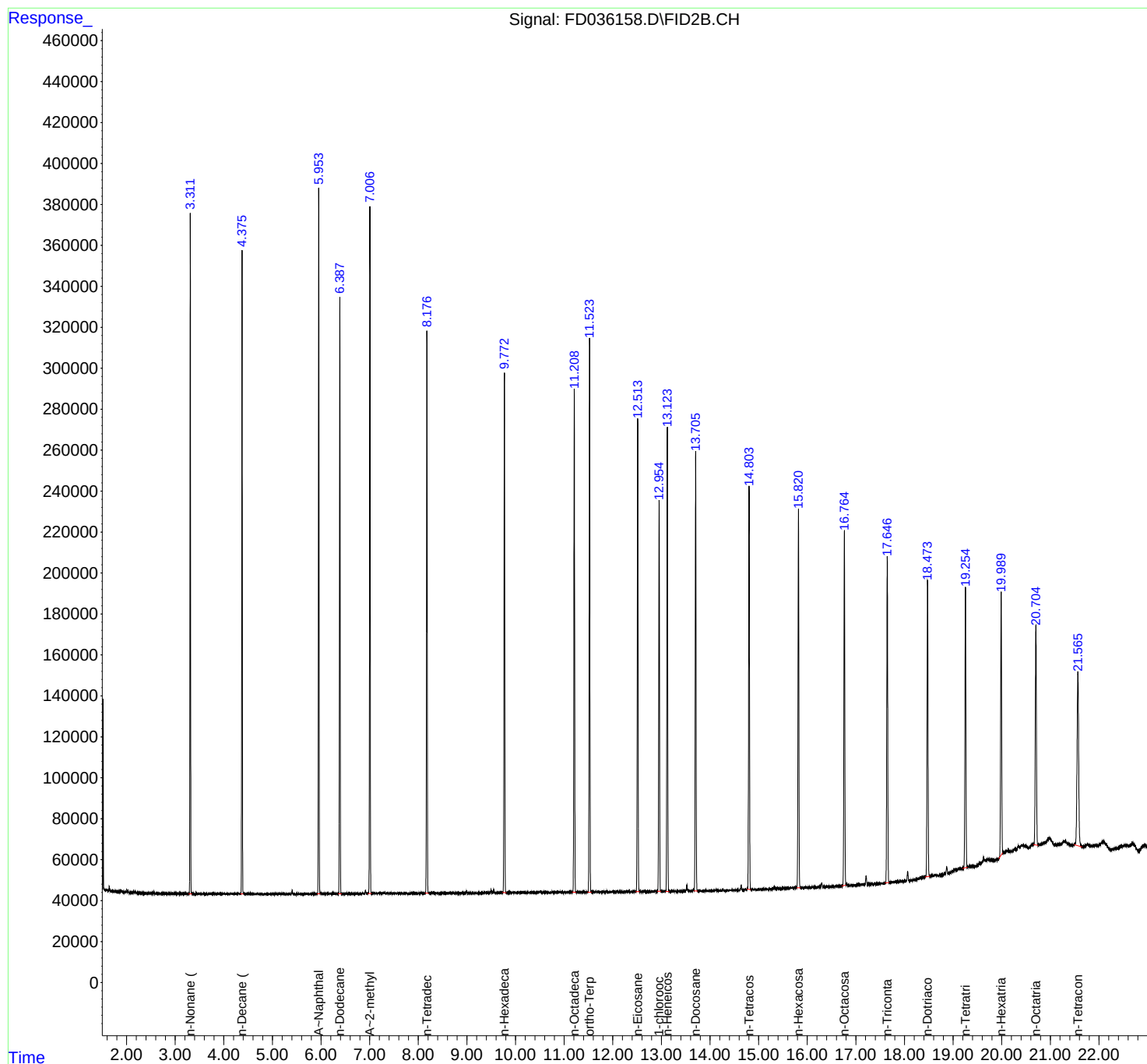
(f)=RT Delta > 1/2 Window

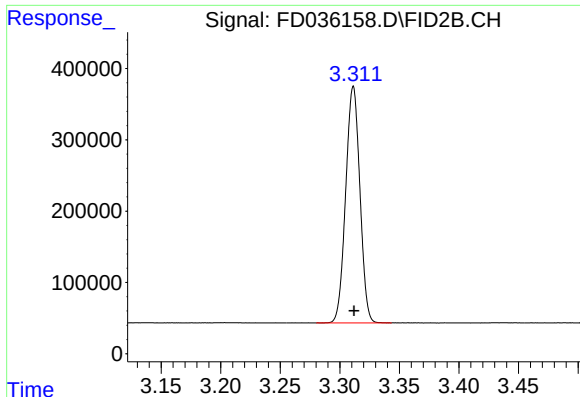
(m)=manual int.

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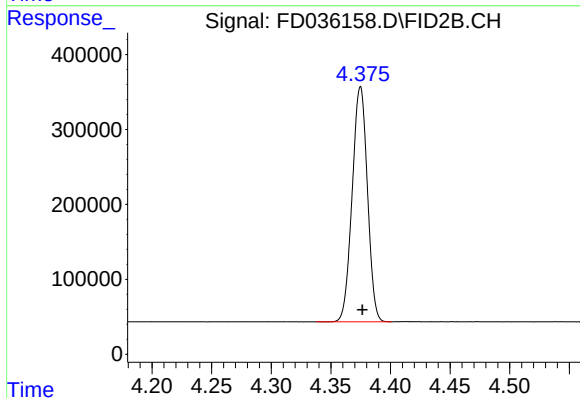
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





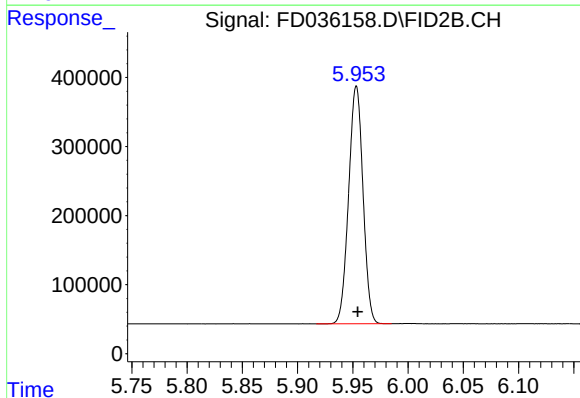
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: 0.000 min
Response: 2753016
Conc: 21.36 ug/ml



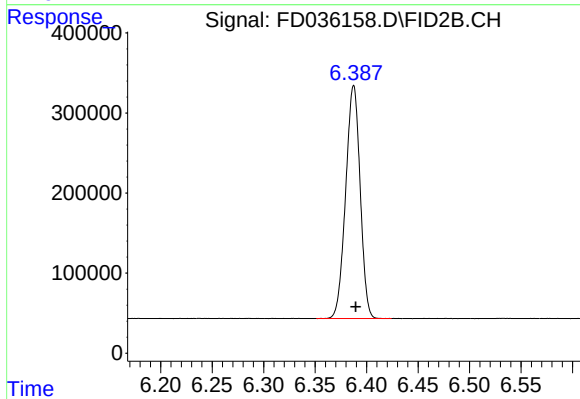
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 2792388
Conc: 21.46 ug/ml



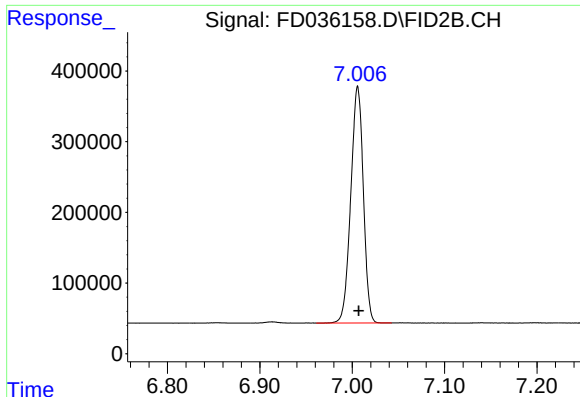
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.001 min
Response: 3111654
Conc: 21.25 ug/ml



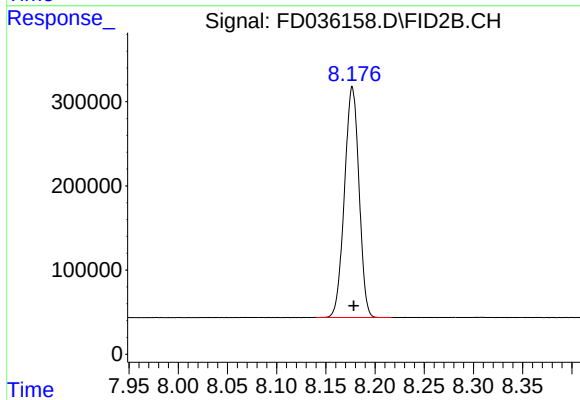
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 2849126
Conc: 21.43 ug/ml



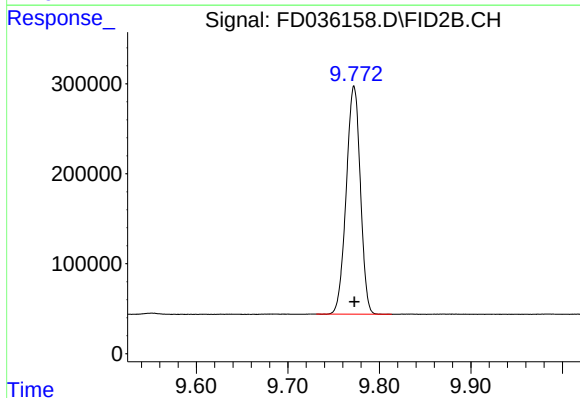
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: -0.001 min
Response: 3159970
Conc: 21.04 ug/ml



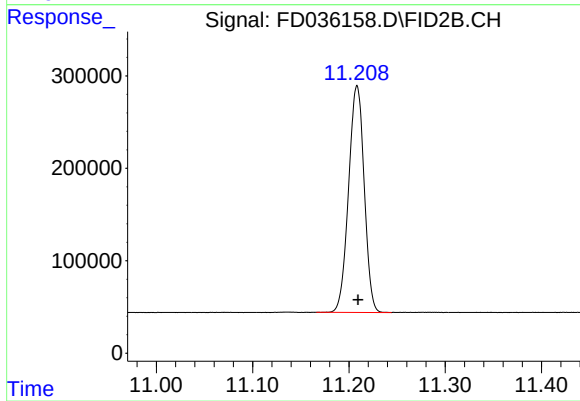
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.001 min
Response: 2822771
Conc: 21.12 ug/ml



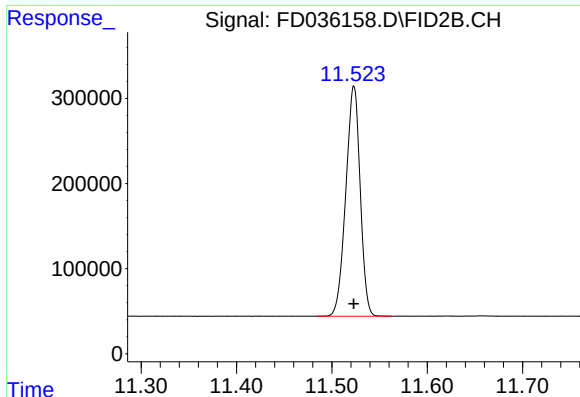
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: 0.000 min
Response: 2718359
Conc: 20.54 ug/ml



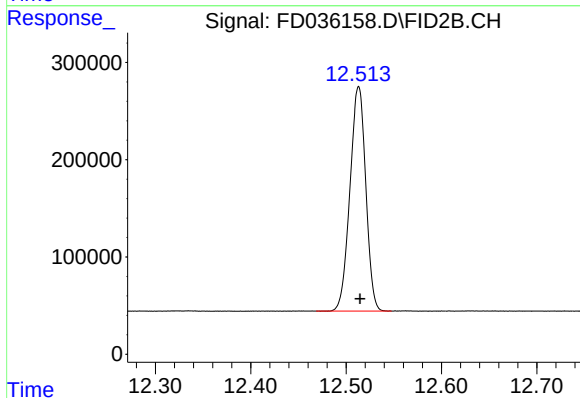
#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.001 min
Response: 2746970
Conc: 19.96 ug/ml



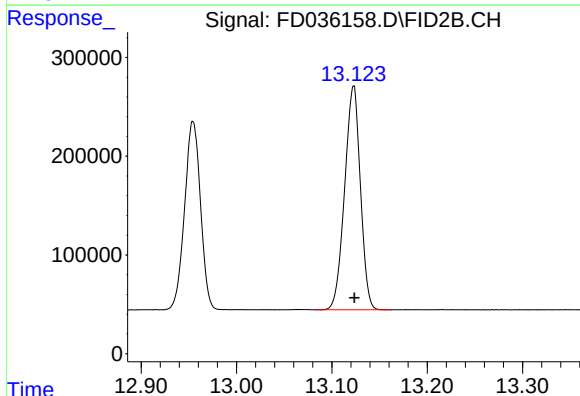
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: 0.000 min
Response: 2843051
Conc: 19.18 ug/ml



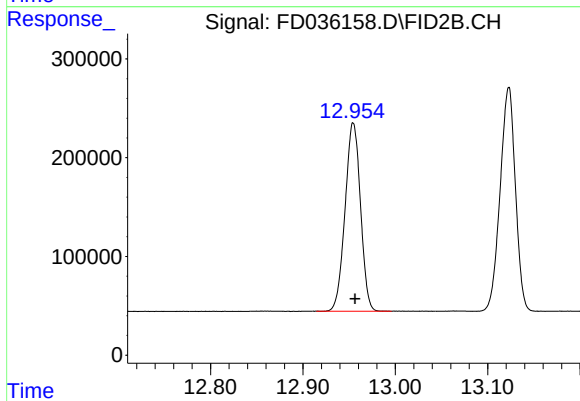
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: -0.001 min
Response: 2664791
Conc: 19.29 ug/ml



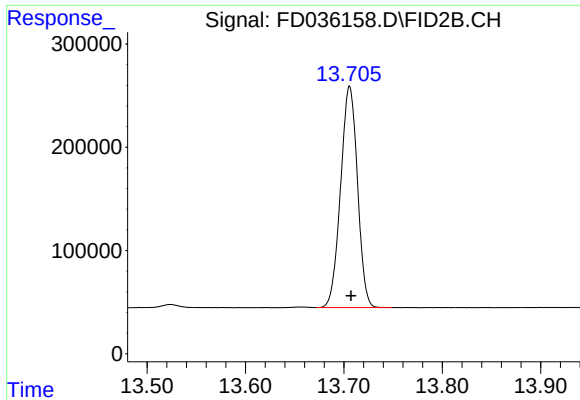
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: 0.000 min
Response: 2611228
Conc: 18.90 ug/ml



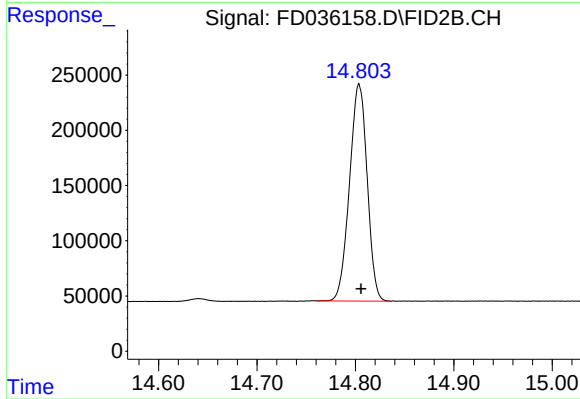
#12 1-chlorooctadecane (SURR)

R.T.: 12.954 min
Delta R.T.: -0.002 min
Response: 2213659
Conc: 18.82 ug/ml



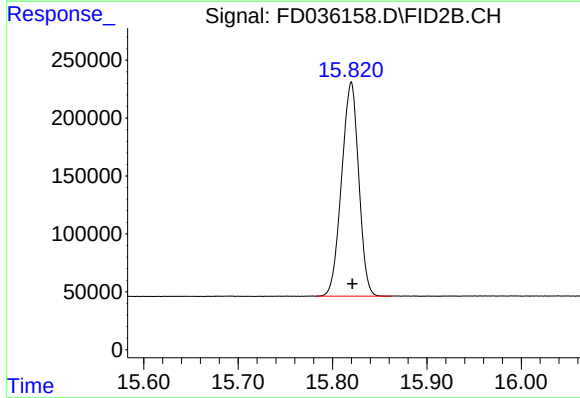
#13 n-Docosane (C22)

R.T.: 13.706 min
Delta R.T.: -0.001 min
Response: 2556951
Conc: 18.62 ug/ml



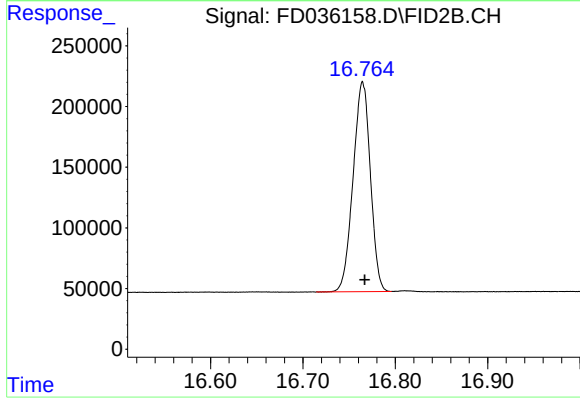
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: -0.002 min
Response: 2448634
Conc: 18.01 ug/ml



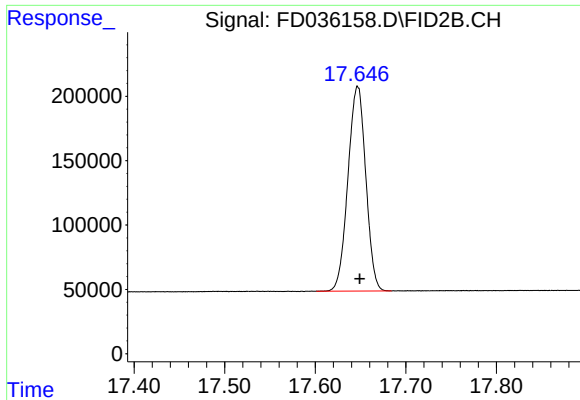
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: -0.001 min
Response: 2331837
Conc: 17.56 ug/ml



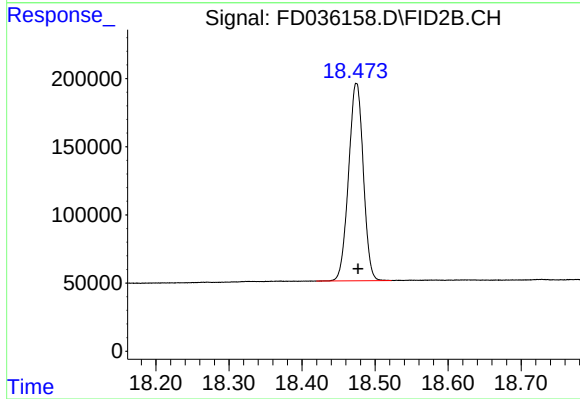
#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: -0.002 min
Response: 2247236
Conc: 17.37 ug/ml



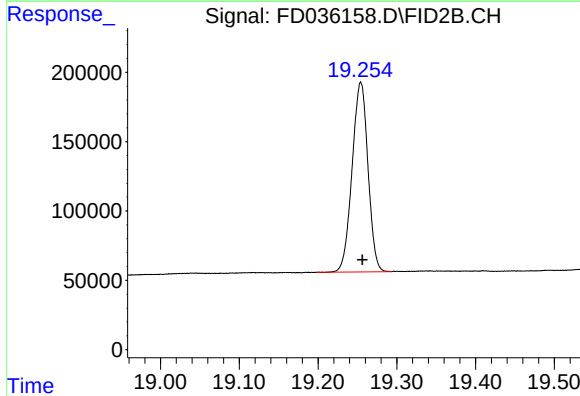
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: -0.002 min
Response: 2174677
Conc: 17.64 ug/ml



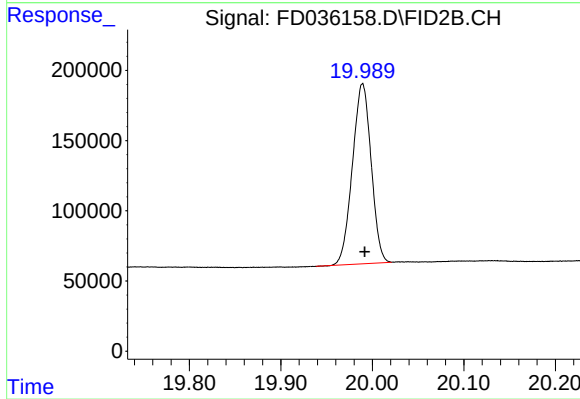
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: -0.003 min
Response: 2025203
Conc: 18.37 ug/ml



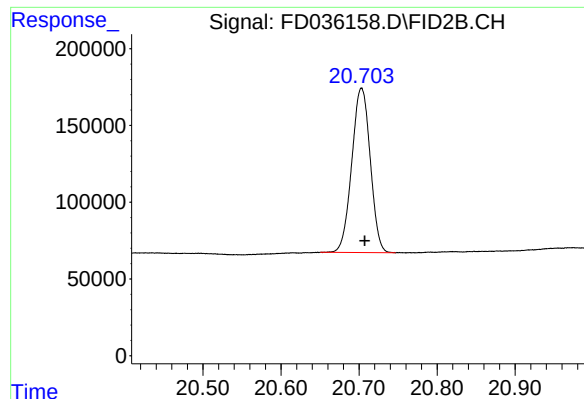
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: -0.002 min
Response: 1915052
Conc: 19.32 ug/ml



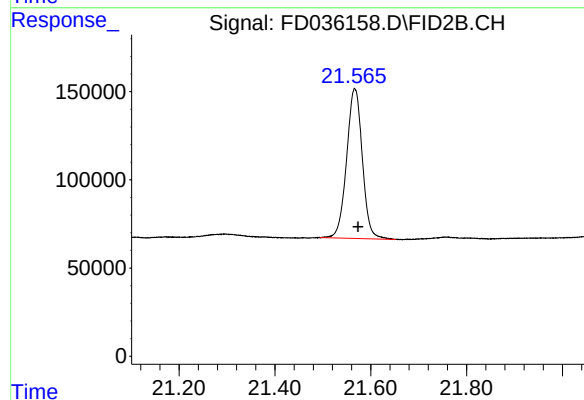
#20 n-Hexatriacontane (C36)

R.T.: 19.989 min
Delta R.T.: -0.002 min
Response: 1821529
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: -0.004 min
Response: 1764259
Conc: 21.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.566 min
Delta R.T.: -0.007 min
Response: 1938397
Conc: 23.05 ug/ml