

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032222AL\
 Data File : FD041663.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2022 21:30
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 23 04:59:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 04:58:26 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)	11.235	8247719	50.550 ug/ml
Spiked Amount 50.000		Recovery =	101.10%
12) S 1-chlorooctadecane (S...	12.674	6485250	50.750 ug/ml
Spiked Amount 50.000		Recovery =	101.50%
Target Compounds			
1) T n-Nonane (C9)	3.096	6912004	50.791 ug/ml
2) T n-Decane (C10)	4.143	6869674	50.974 ug/ml
3) T A~Naphthalene (C11.7)	5.694	7705082	52.531 ug/ml
4) T n-Dodecane (C12)	6.140	7070993	50.744 ug/ml
5) T A~2-methylnaphthalene...	6.741	7759415	52.806 ug/ml
6) T n-Tetradecane (C14)	7.918	7146935	50.713 ug/ml
7) T n-Hexadecane (C16)	9.505	7253188	50.843 ug/ml
8) T n-Octadecane (C18)	10.937	7374171	50.695 ug/ml
10) T n-Eicosane (C20)	12.236	7398162	50.617 ug/ml
11) T n-Heneicosane (C21)	12.844	7447479	50.527 ug/ml
13) T n-Docosane (C22)	13.426	7474375	50.510 ug/ml
14) T n-Tetracosane (C24)	14.523	7512351	50.414 ug/ml
15) T n-Hexacosane (C26)	15.537	7488335	50.219 ug/ml
16) T n-Octacosane (C28)	16.481	7442054	50.052 ug/ml
17) T n-Tricontane (C30)	17.364	7247093	49.773 ug/ml
18) T n-Dotriacontane (C32)	18.191	6730906	49.318 ug/ml
19) T n-Tetratriacontane (C34)	18.970	6099623	48.895 ug/ml
20) T n-Hexatriacontane (C36)	19.707	5466484	49.058 ug/ml
21) T n-Octatriacontane (C38)	20.404	5065293	49.461 ug/ml
22) T n-Tetracontane (C40)	21.183	4963425	49.732 ug/ml

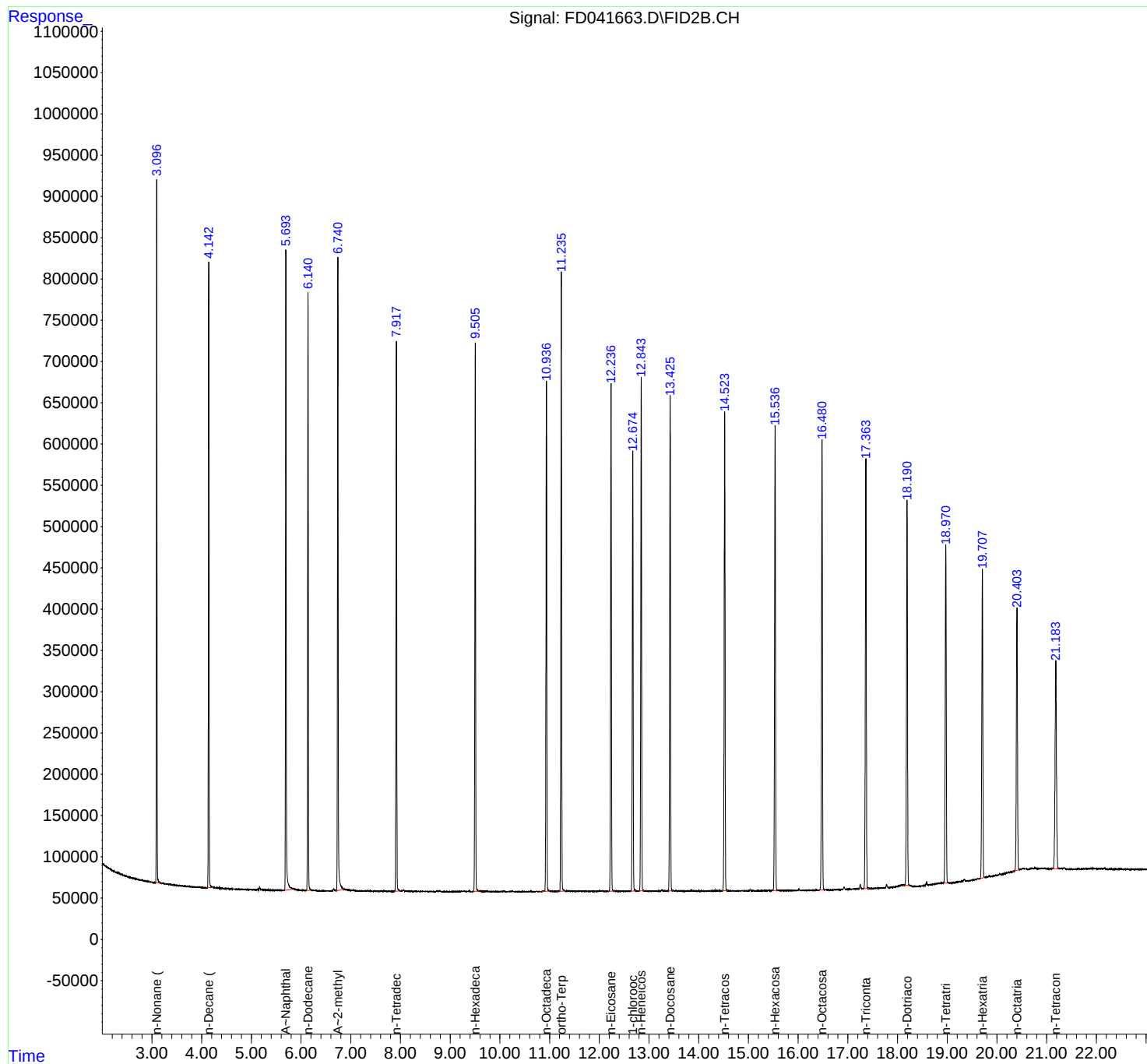
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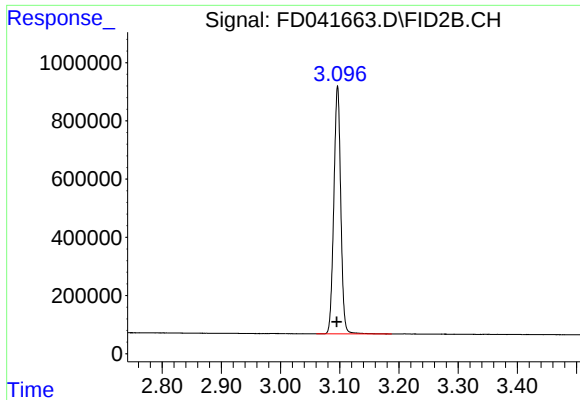
(m)=manual int.

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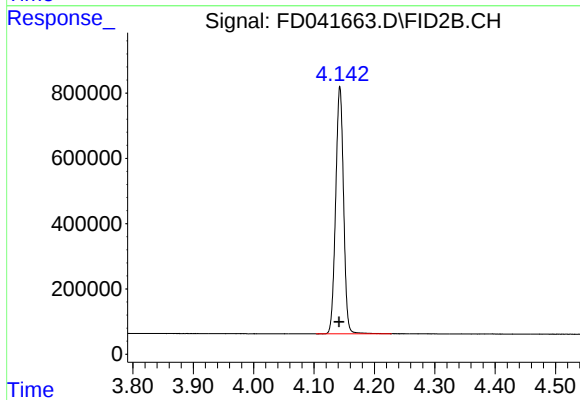
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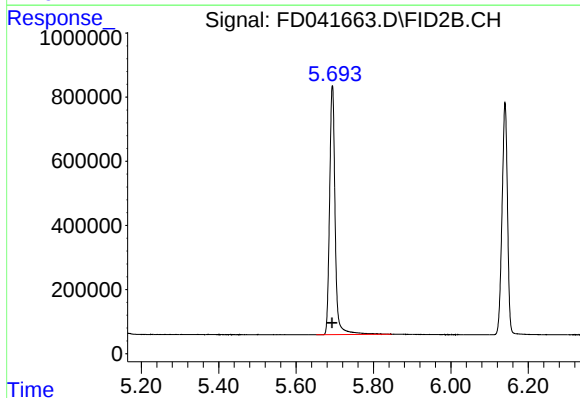
#1 n-Nonane (C9)

R.T.: 3.096 min
Delta R.T.: 0.001 min
Response: 6912004
Conc: 50.79 ug/ml



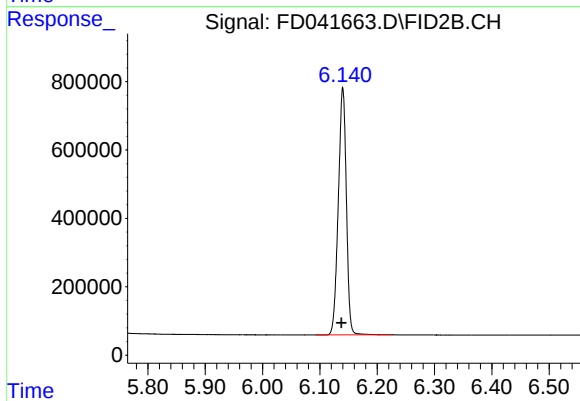
#2 n-Decane (C10)

R.T.: 4.143 min
Delta R.T.: 0.001 min
Response: 6869674
Conc: 50.97 ug/ml



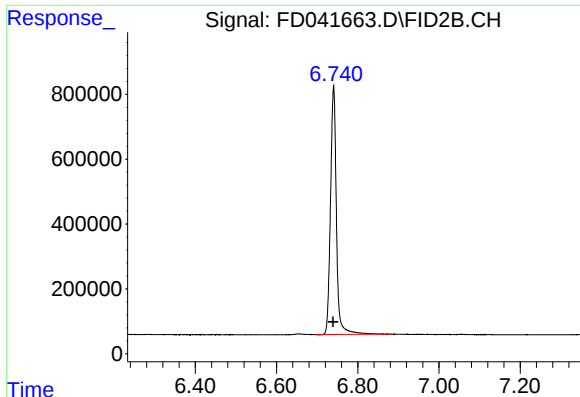
#3 A~Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 7705082
Conc: 52.53 ug/ml



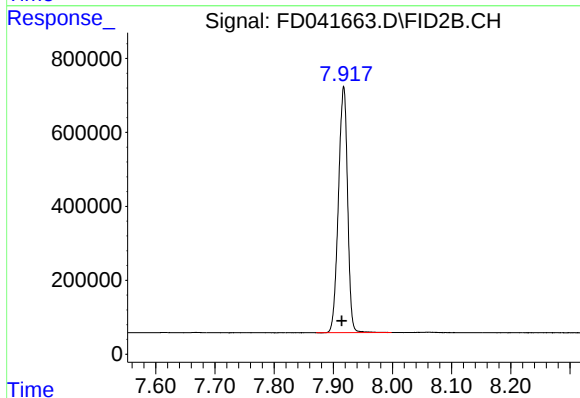
#4 n-Dodecane (C12)

R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 7070993
Conc: 50.74 ug/ml



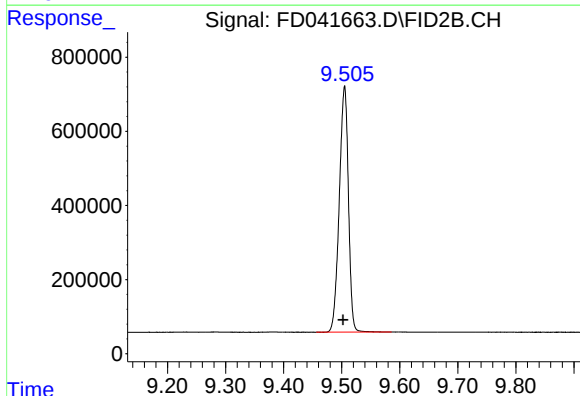
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 7759415
Conc: 52.81 ug/ml



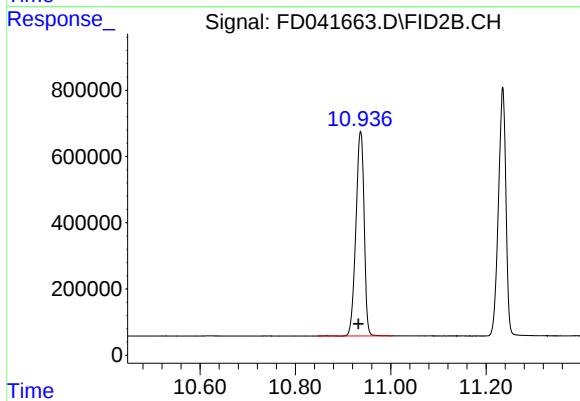
#6 n-Tetradecane (C14)

R.T.: 7.918 min
Delta R.T.: 0.003 min
Response: 7146935
Conc: 50.71 ug/ml



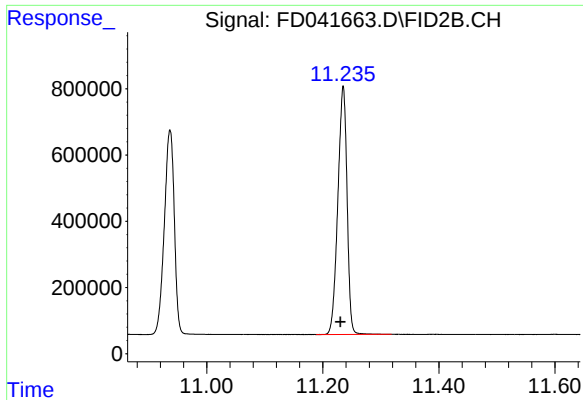
#7 n-Hexadecane (C16)

R.T.: 9.505 min
Delta R.T.: 0.003 min
Response: 7253188
Conc: 50.84 ug/ml



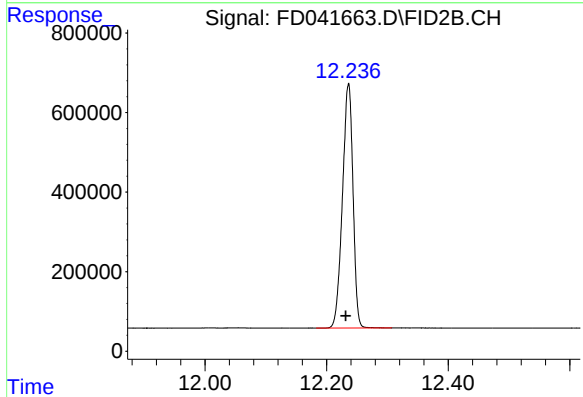
#8 n-Octadecane (C18)

R.T.: 10.937 min
Delta R.T.: 0.004 min
Response: 7374171
Conc: 50.70 ug/ml



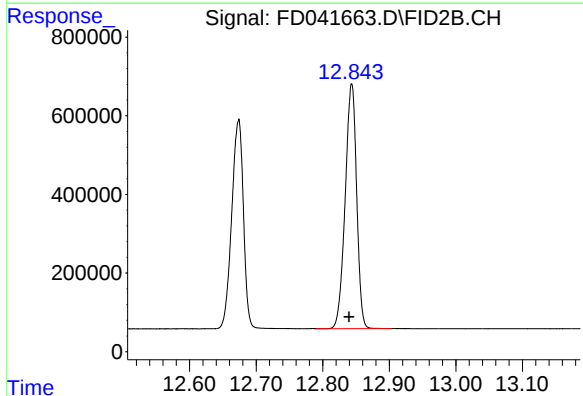
#9 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.005 min
Response: 8247719
Conc: 50.55 ug/ml



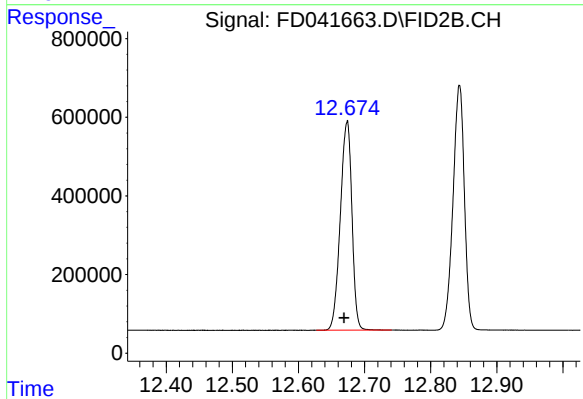
#10 n-Eicosane (C20)

R.T.: 12.236 min
Delta R.T.: 0.004 min
Response: 7398162
Conc: 50.62 ug/ml



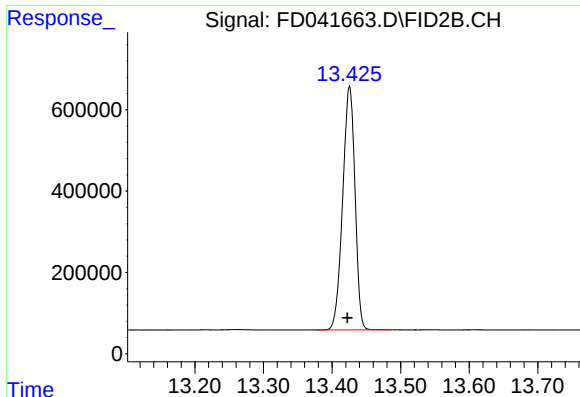
#11 n-Heneicosane (C21)

R.T.: 12.844 min
Delta R.T.: 0.004 min
Response: 7447479
Conc: 50.53 ug/ml



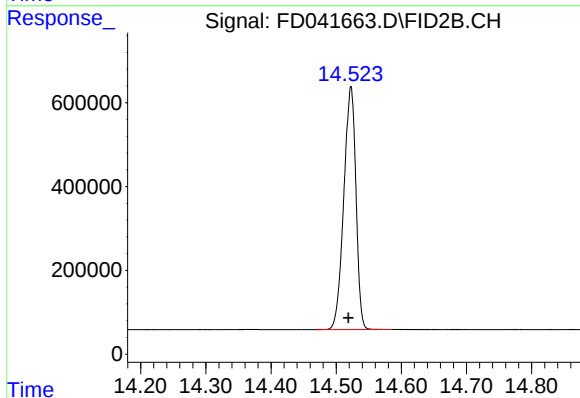
#12 1-chlorooctadecane (SURR)

R.T.: 12.674 min
Delta R.T.: 0.005 min
Response: 6485250
Conc: 50.75 ug/ml



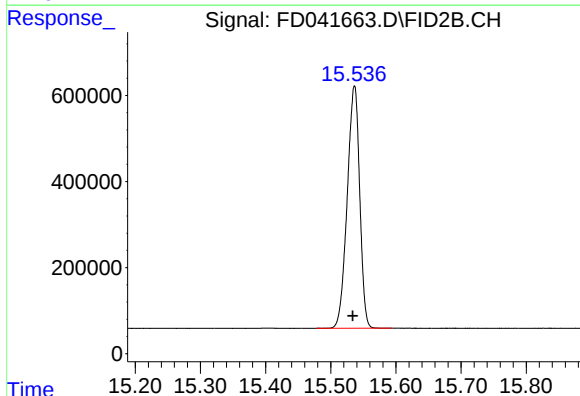
#13 n-Docosane (C22)

R.T.: 13.426 min
Delta R.T.: 0.003 min
Response: 7474375
Conc: 50.51 ug/ml



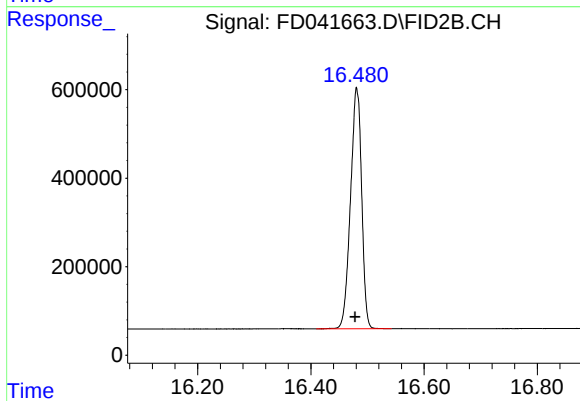
#14 n-Tetracosane (C24)

R.T.: 14.523 min
Delta R.T.: 0.004 min
Response: 7512351
Conc: 50.41 ug/ml



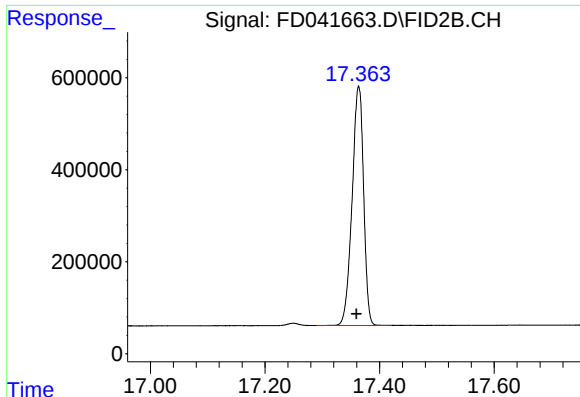
#15 n-Hexacosane (C26)

R.T.: 15.537 min
Delta R.T.: 0.003 min
Response: 7488335
Conc: 50.22 ug/ml



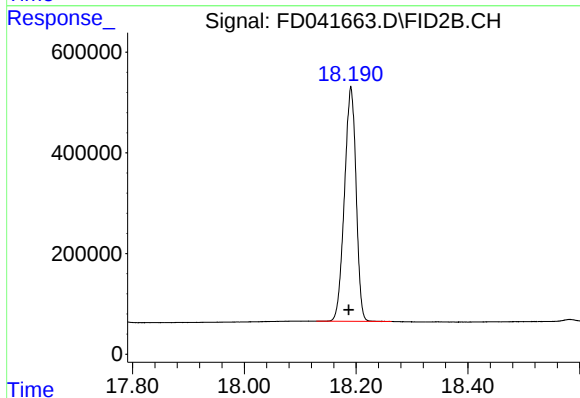
#16 n-Octacosane (C28)

R.T.: 16.481 min
Delta R.T.: 0.003 min
Response: 7442054
Conc: 50.05 ug/ml



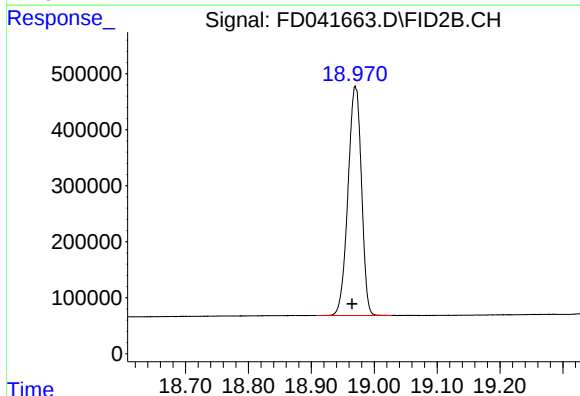
#17 n-Tricontane (C30)

R.T.: 17.364 min
Delta R.T.: 0.004 min
Response: 7247093
Conc: 49.77 ug/ml



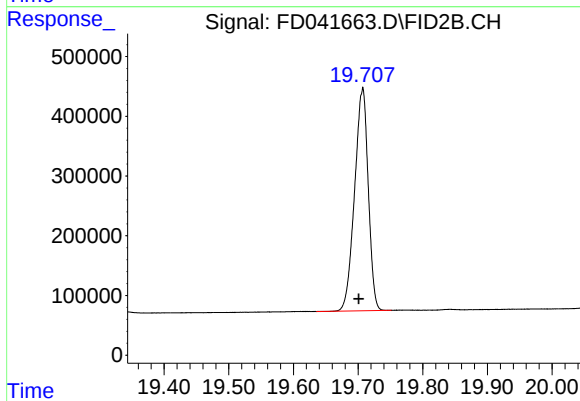
#18 n-Dotriacontane (C32)

R.T.: 18.191 min
Delta R.T.: 0.004 min
Response: 6730906
Conc: 49.32 ug/ml



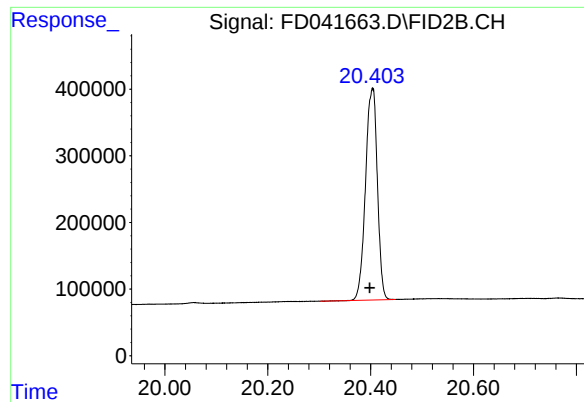
#19 n-Tetratriacontane (C34)

R.T.: 18.970 min
Delta R.T.: 0.006 min
Response: 6099623
Conc: 48.90 ug/ml



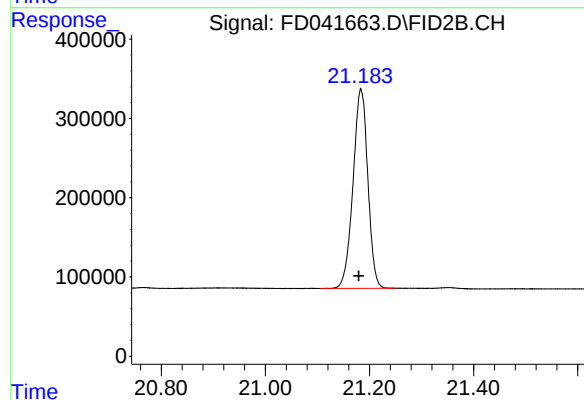
#20 n-Hexatriacontane (C36)

R.T.: 19.707 min
Delta R.T.: 0.006 min
Response: 5466484
Conc: 49.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.404 min
Delta R.T.: 0.006 min
Response: 5065293
Conc: 49.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.183 min
Delta R.T.: 0.004 min
Response: 4963425
Conc: 49.73 ug/ml