

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042522AL\
 Data File : FDCCC01.D
 Signal(s) : FID2B.CH
 Acq On : 25 Apr 2022 23:49
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 26 02:44:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 Qlast Update : Fri Apr 22 01:55:29 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)	11.206	3416655	20.373 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
12) S 1-chlorooctadecane (S...	12.645	2660847	20.164 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
Target Compounds			
1) T n-Nonane (C9)	3.078	2868167	21.043 ug/ml
2) T n-Decane (C10)	4.123	2869772	21.414 ug/ml
3) T A~Naphthalene (C11.7)	5.672	3052413	21.058 ug/ml
4) T n-Dodecane (C12)	6.117	2970458	20.865 ug/ml
5) T A~2-methylnaphthalene...	6.718	3065220	21.996 ug/ml
6) T n-Tetradecane (C14)	7.893	2996674	21.037 ug/ml
7) T n-Hexadecane (C16)	9.480	3034090	20.879 ug/ml
8) T n-Octadecane (C18)	10.909	3083533	20.574 ug/ml
10) T n-Eicosane (C20)	12.207	3073344	20.079 ug/ml
11) T n-Heneicosane (C21)	12.815	3082911	19.997 ug/ml
13) T n-Docosane (C22)	13.397	3061826	19.863 ug/ml
14) T n-Tetracosane (C24)	14.492	3021275	19.536 ug/ml
15) T n-Hexacosane (C26)	15.506	2940435	19.116 ug/ml
16) T n-Octacosane (C28)	16.449	2842692	18.593 ug/ml
17) T n-Tricontane (C30)	17.332	2729569	18.197 ug/ml
18) T n-Dotriacontane (C32)	18.159	2533615	17.918 ug/ml
19) T n-Tetratriacontane (C34)	18.938	2309157	17.943 ug/ml
20) T n-Hexatriacontane (C36)	19.673	2081209	18.392 ug/ml
21) T n-Octatriacontane (C38)	20.370	1920675	19.250 ug/ml
22) T n-Tetracontane (C40)	21.140	1856976	20.588 ug/ml

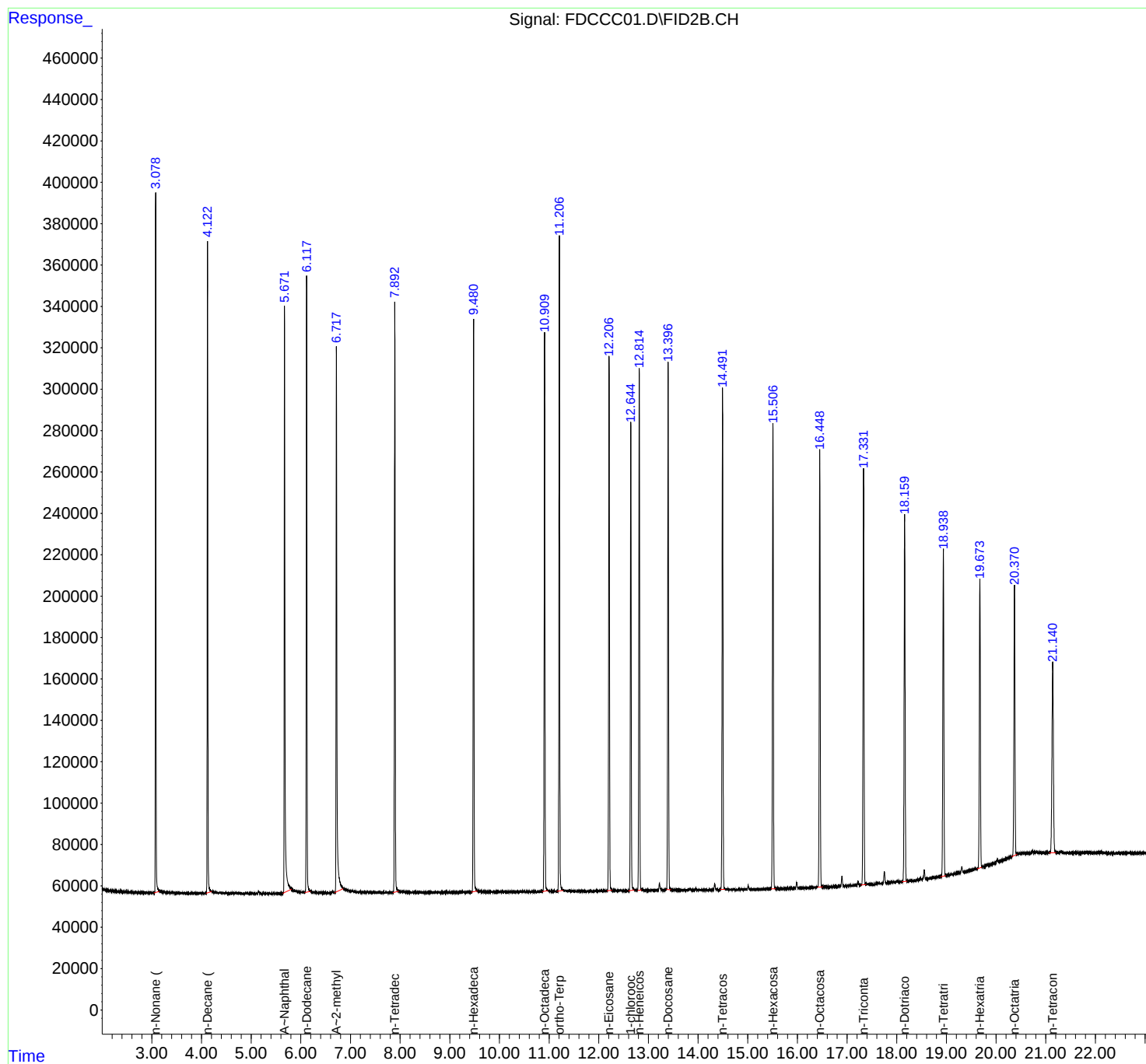
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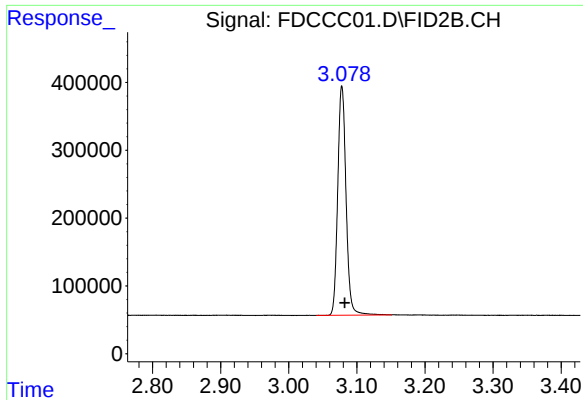
(m)=manual int.

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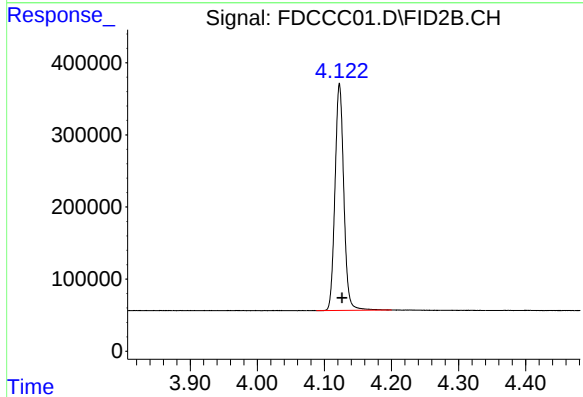
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Signal Info : 20M x 0.18mm x 0.18um





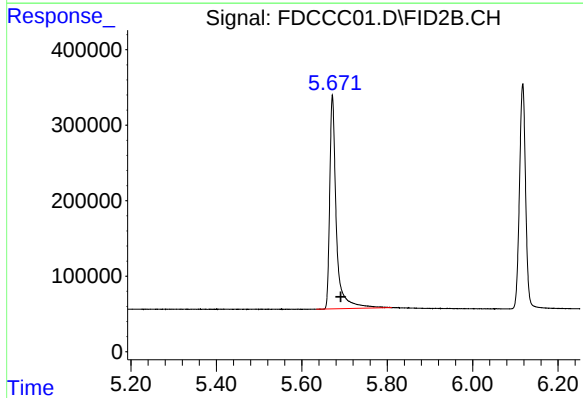
#1 n-Nonane (C9)

R.T.: 3.078 min
Delta R.T.: -0.004 min
Response: 2868167
Conc: 21.04 ug/ml



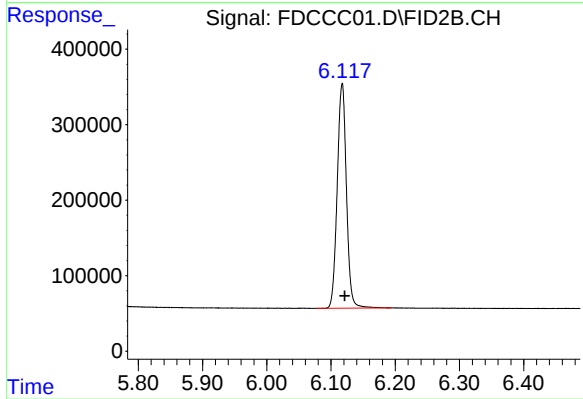
#2 n-Decane (C10)

R.T.: 4.123 min
Delta R.T.: -0.004 min
Response: 2869772
Conc: 21.41 ug/ml



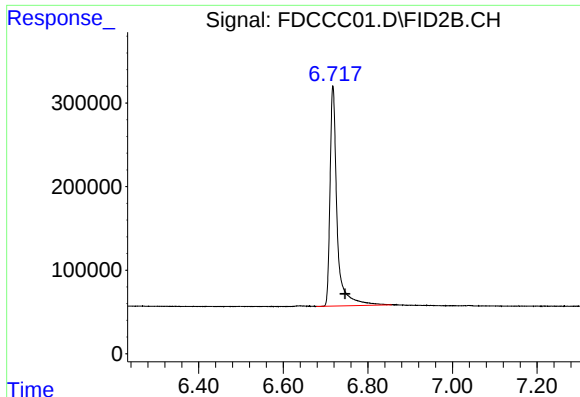
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.019 min
Response: 3052413
Conc: 21.06 ug/ml



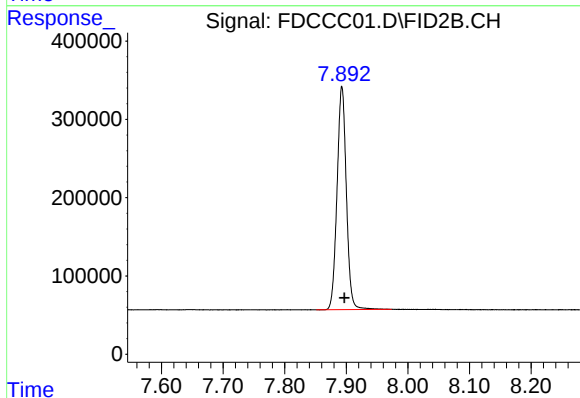
#4 n-Dodecane (C12)

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 2970458
Conc: 20.87 ug/ml



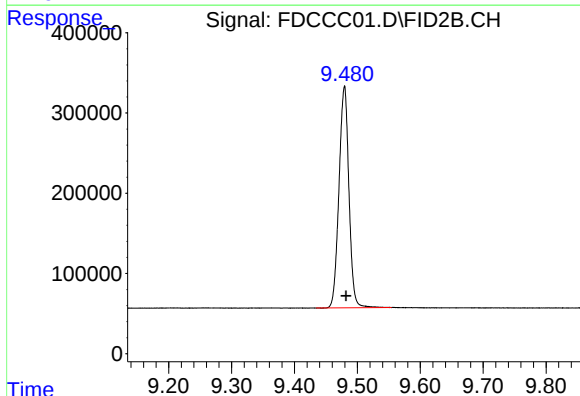
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.029 min
Response: 3065220
Conc: 22.00 ug/ml



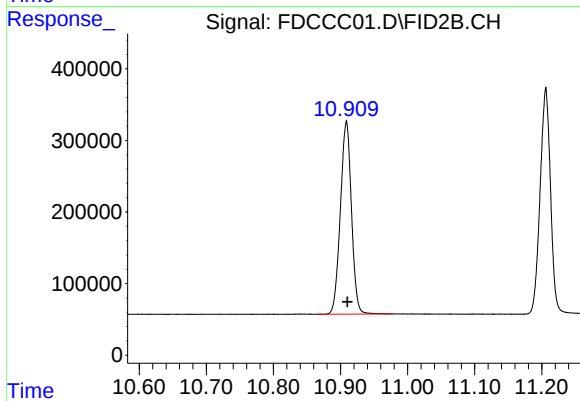
#6 n-Tetradecane (C14)

R.T.: 7.893 min
Delta R.T.: -0.004 min
Response: 2996674
Conc: 21.04 ug/ml



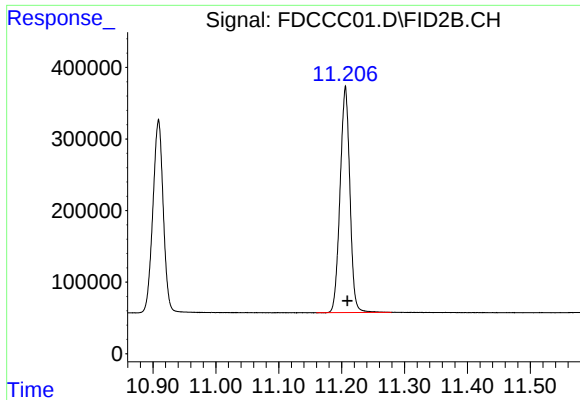
#7 n-Hexadecane (C16)

R.T.: 9.480 min
Delta R.T.: -0.003 min
Response: 3034090
Conc: 20.88 ug/ml



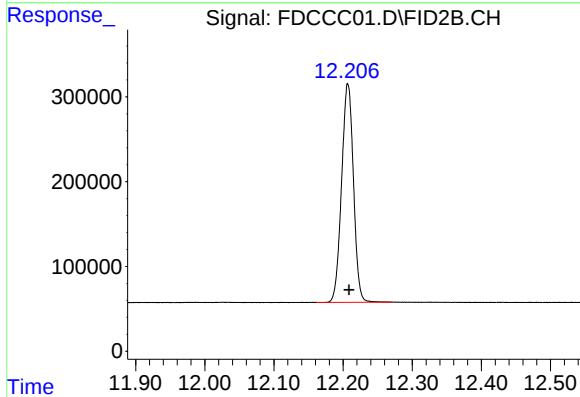
#8 n-Octadecane (C18)

R.T.: 10.909 min
Delta R.T.: -0.001 min
Response: 3083533
Conc: 20.57 ug/ml



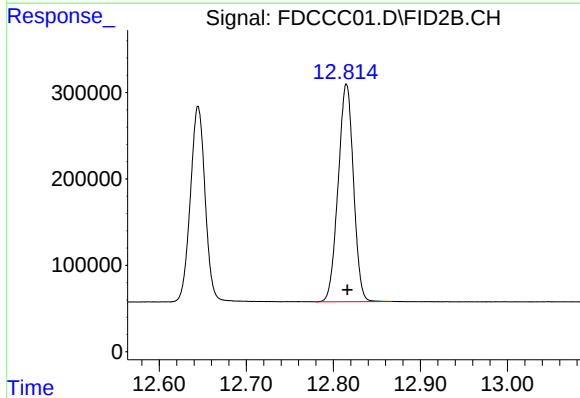
#9 ortho-Terphenyl (SURR)

R.T.: 11.206 min
Delta R.T.: -0.003 min
Response: 3416655
Conc: 20.37 ug/ml



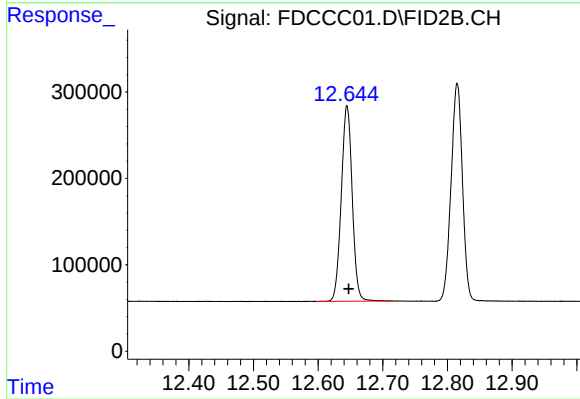
#10 n-Eicosane (C20)

R.T.: 12.207 min
Delta R.T.: -0.002 min
Response: 3073344
Conc: 20.08 ug/ml



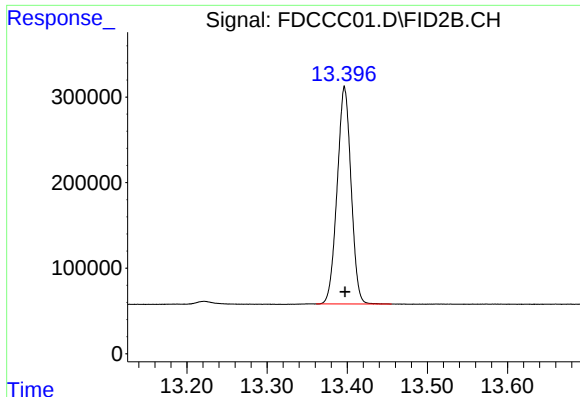
#11 n-Heneicosane (C21)

R.T.: 12.815 min
Delta R.T.: -0.001 min
Response: 3082911
Conc: 20.00 ug/ml



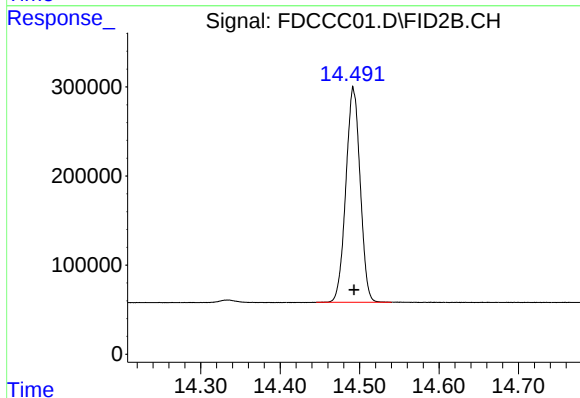
#12 1-chlorooctadecane (SURR)

R.T.: 12.645 min
Delta R.T.: -0.003 min
Response: 2660847
Conc: 20.16 ug/ml



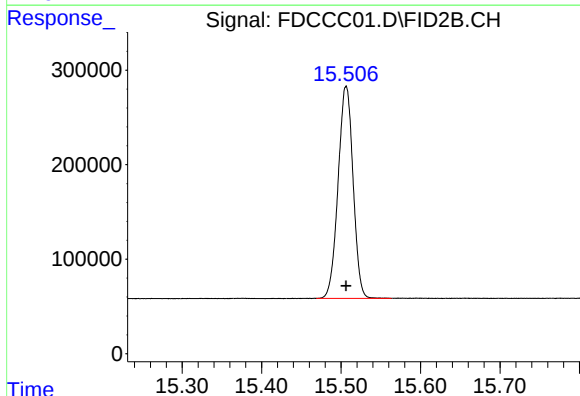
#13 n-Docosane (C22)

R.T.: 13.397 min
Delta R.T.: 0.000 min
Response: 3061826
Conc: 19.86 ug/ml



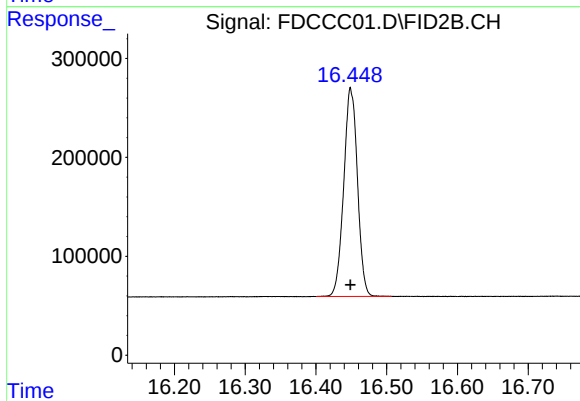
#14 n-Tetracosane (C24)

R.T.: 14.492 min
Delta R.T.: 0.000 min
Response: 3021275
Conc: 19.54 ug/ml



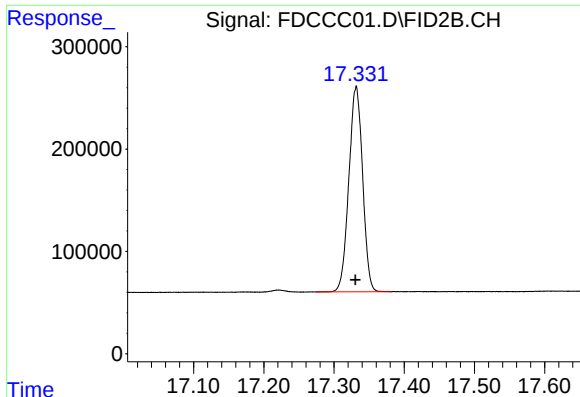
#15 n-Hexacosane (C26)

R.T.: 15.506 min
Delta R.T.: 0.000 min
Response: 2940435
Conc: 19.12 ug/ml



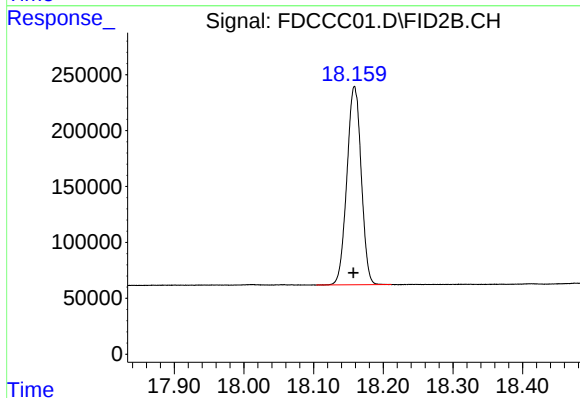
#16 n-Octacosane (C28)

R.T.: 16.449 min
Delta R.T.: 0.000 min
Response: 2842692
Conc: 18.59 ug/ml



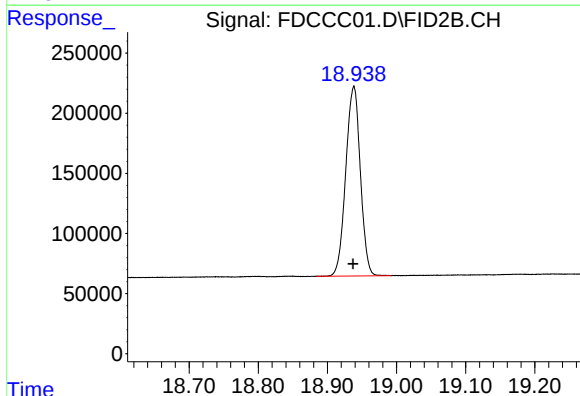
#17 n-Tricontane (C30)

R.T.: 17.332 min
Delta R.T.: 0.000 min
Response: 2729569
Conc: 18.20 ug/ml



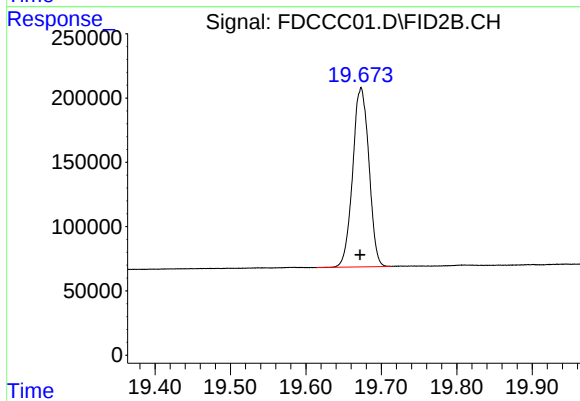
#18 n-Dotriacontane (C32)

R.T.: 18.159 min
Delta R.T.: 0.001 min
Response: 2533615
Conc: 17.92 ug/ml



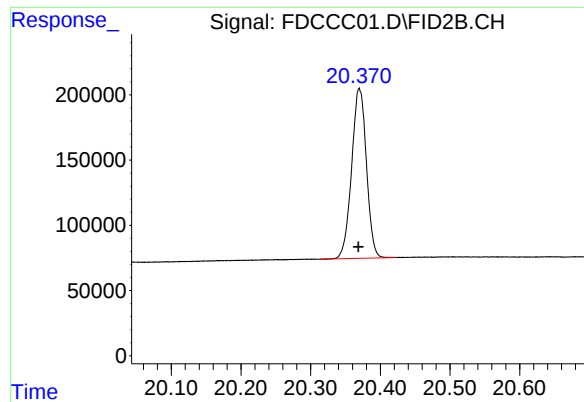
#19 n-Tetratriacontane (C34)

R.T.: 18.938 min
Delta R.T.: 0.001 min
Response: 2309157
Conc: 17.94 ug/ml



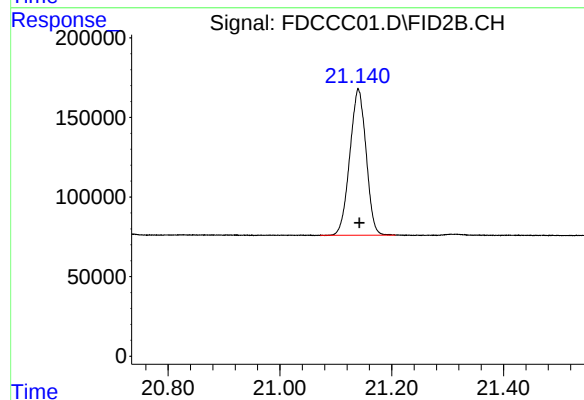
#20 n-Hexatriacontane (C36)

R.T.: 19.673 min
Delta R.T.: 0.001 min
Response: 2081209
Conc: 18.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.370 min
Delta R.T.: 0.001 min
Response: 1920675
Conc: 19.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.140 min
Delta R.T.: -0.002 min
Response: 1856976
Conc: 20.59 ug/ml