

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080620AL\
 Data File : FD034358.D
 Signal(s) : FID2B.CH
 Acq On : 06 Aug 2020 10:24
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 06 11:49:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:13:24 2020
 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)	11.604	2653285	20.241 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
12) S 1-chlorooctadecane (S...	13.033	2131046	19.822 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T n-Nonane (C9)	3.383	2418635	20.886 ug/ml
2) T n-Decane (C10)	4.451	2437803	20.949 ug/ml
3) T A~Naphthalene (C11.7)	6.035	2712754	20.847 ug/ml
4) T n-Dodecane (C12)	6.464	2466875	20.911 ug/ml
5) T A~2-methylnaphthalene...	7.088	2767934	20.841 ug/ml
6) T n-Tetradecane (C14)	8.252	2441455	20.893 ug/ml
7) T n-Hexadecane (C16)	9.848	2394498	20.512 ug/ml
8) T n-Octadecane (C18)	11.285	2475599	20.312 ug/ml
10) T n-Eicosane (C20)	12.589	2465519	19.973 ug/ml
11) T n-Heneicosane (C21)	13.199	2447225	19.784 ug/ml
13) T n-Docosane (C22)	13.783	2434559	19.601 ug/ml
14) T n-Tetracosane (C24)	14.881	2399358	19.166 ug/ml
15) T n-Hexacosane (C26)	15.897	2343009	18.701 ug/ml
16) T n-Octacosane (C28)	16.842	2314202	18.323 ug/ml
17) T n-Tricontane (C30)	17.724	2236282	17.977 ug/ml
18) T n-Dotriacontane (C32)	18.552	2043440	17.745 ug/ml
19) T n-Tetratriacontane (C34)	19.330	1922486	17.660 ug/ml
20) T n-Hexatriacontane (C36)	20.064	1816367	17.164 ug/ml
21) T n-Octatriacontane (C38)	20.796	1739952	18.091 ug/ml
22) T n-Tetracontane (C40)	21.695	1771982	18.369 ug/ml

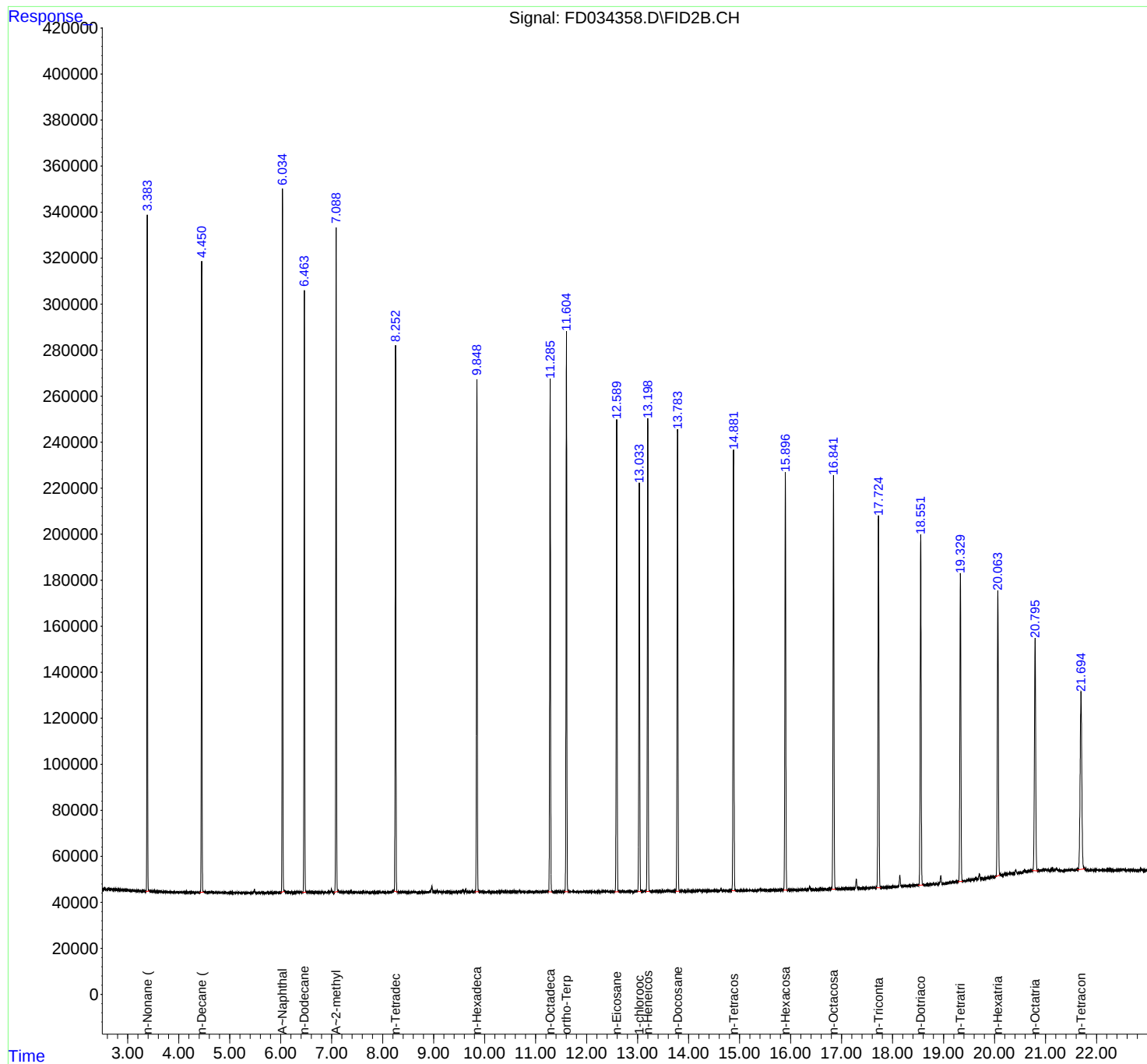
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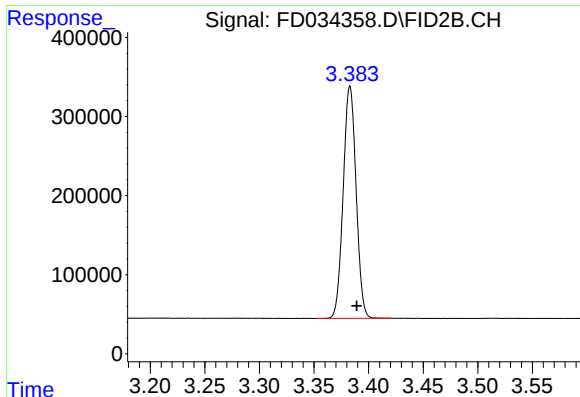
(m)=manual int.

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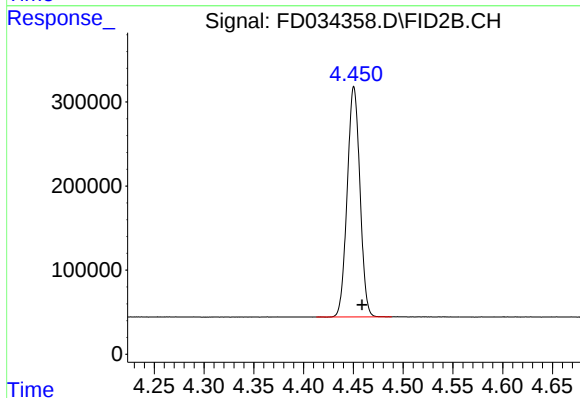
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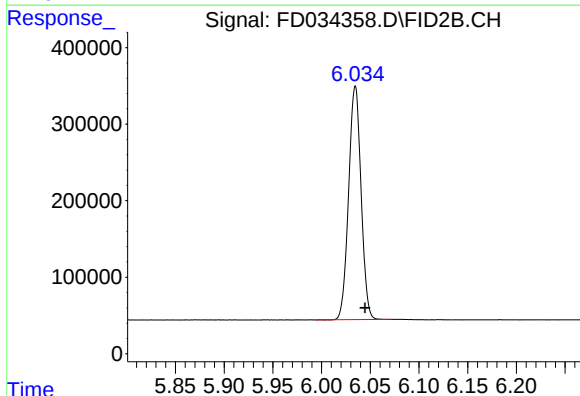
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: -0.006 min
Response: 2418635
Conc: 20.89 ug/ml



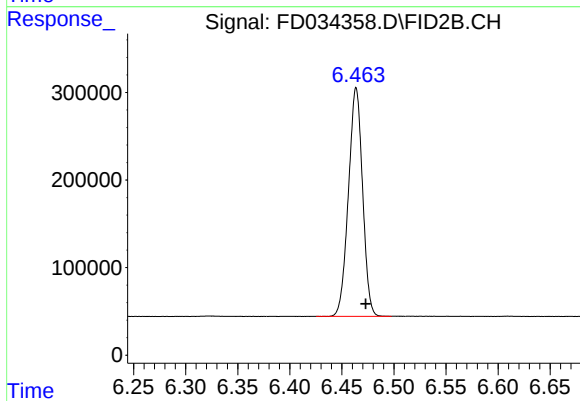
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.008 min
Response: 2437803
Conc: 20.95 ug/ml



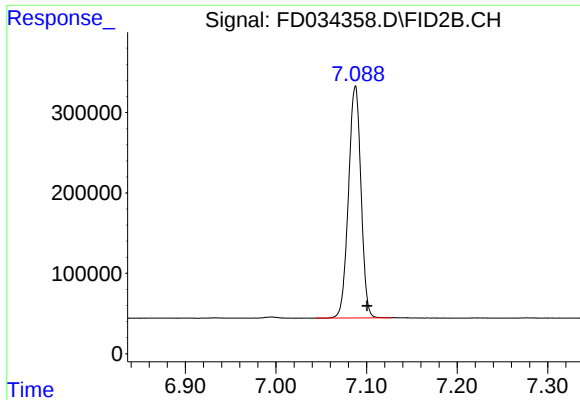
#3 A~Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.010 min
Response: 2712754
Conc: 20.85 ug/ml



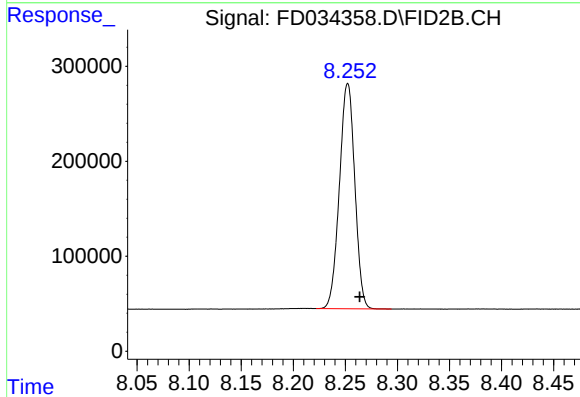
#4 n-Dodecane (C12)

R.T.: 6.464 min
Delta R.T.: -0.009 min
Response: 2466875
Conc: 20.91 ug/ml



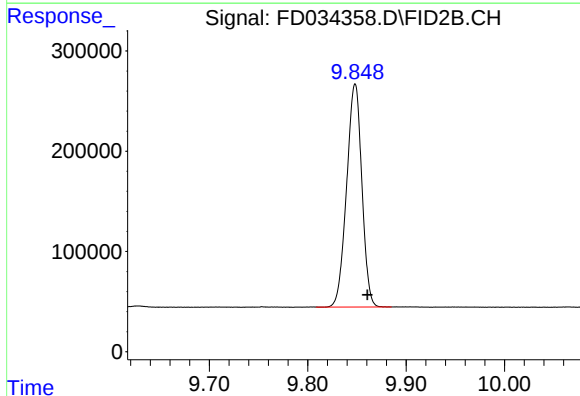
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.013 min
Response: 2767934
Conc: 20.84 ug/ml



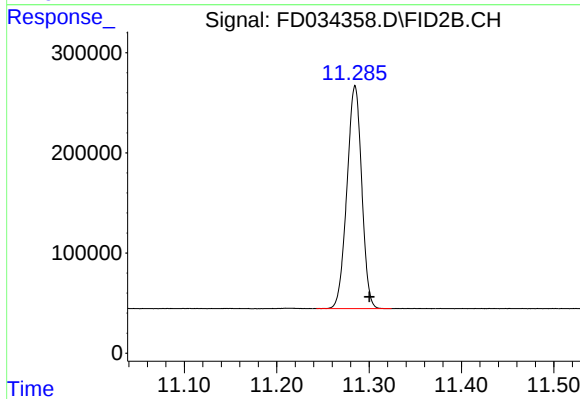
#6 n-Tetradecane (C14)

R.T.: 8.252 min
Delta R.T.: -0.012 min
Response: 2441455
Conc: 20.89 ug/ml



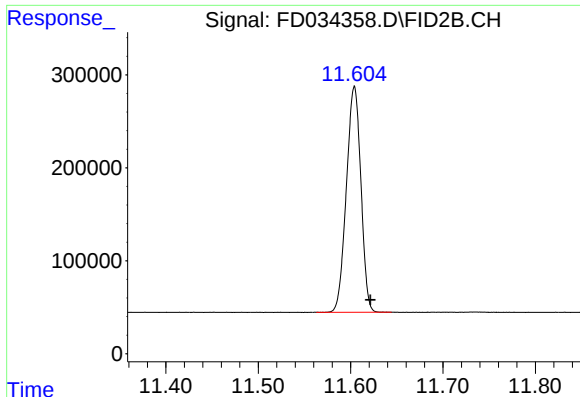
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.012 min
Response: 2394498
Conc: 20.51 ug/ml



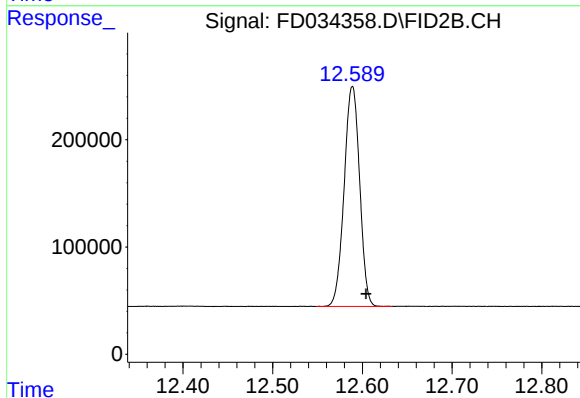
#8 n-Octadecane (C18)

R.T.: 11.285 min
Delta R.T.: -0.016 min
Response: 2475599
Conc: 20.31 ug/ml



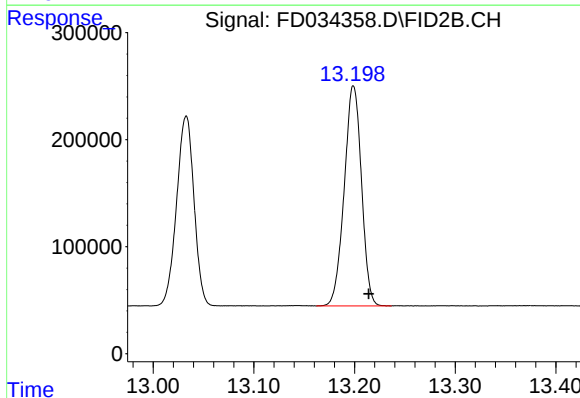
#9 ortho-Terphenyl (SURR)

R.T.: 11.604 min
Delta R.T.: -0.017 min
Response: 2653285
Conc: 20.24 ug/ml



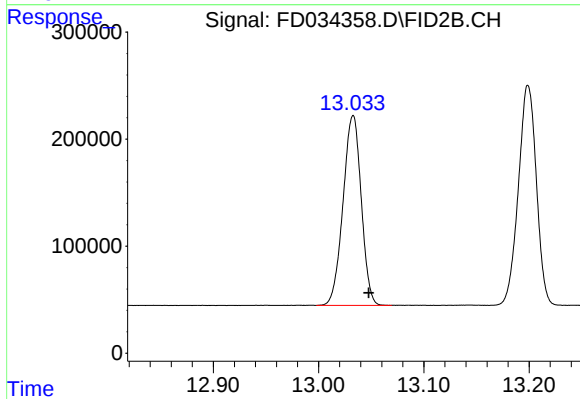
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: -0.015 min
Response: 2465519
Conc: 19.97 ug/ml



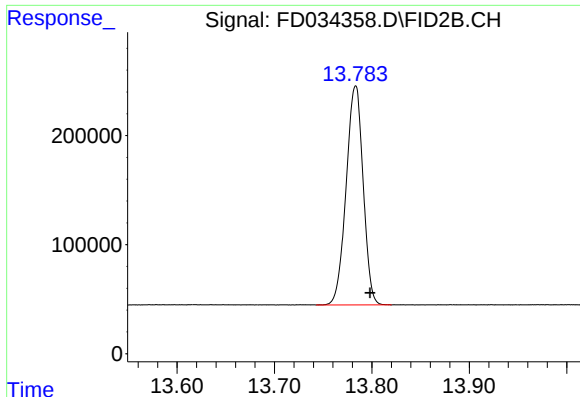
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: -0.015 min
Response: 2447225
Conc: 19.78 ug/ml



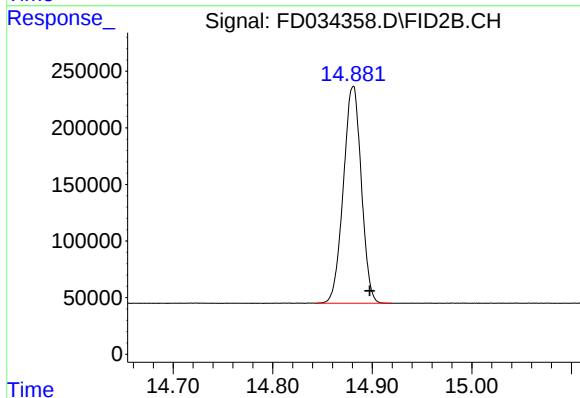
#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: -0.015 min
Response: 2131046
Conc: 19.82 ug/ml



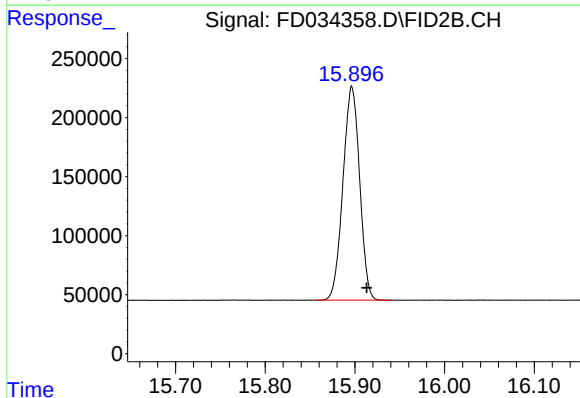
#13 n-Docosane (C22)

R.T.: 13.783 min
Delta R.T.: -0.015 min
Response: 2434559
Conc: 19.60 ug/ml



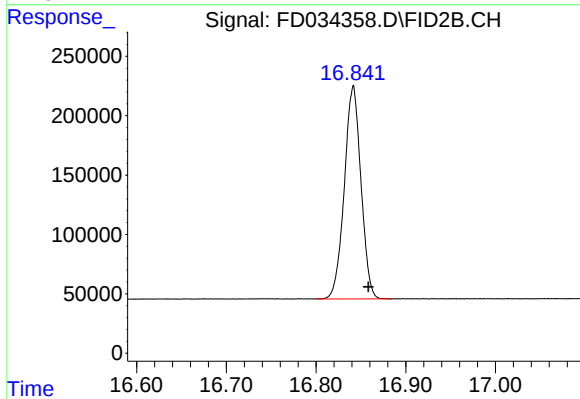
#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: -0.017 min
Response: 2399358
Conc: 19.17 ug/ml



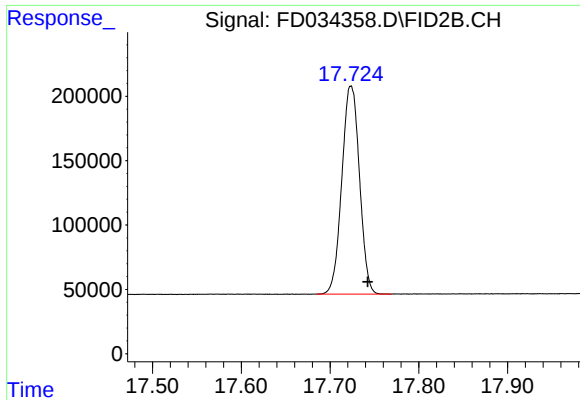
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.016 min
Response: 2343009
Conc: 18.70 ug/ml



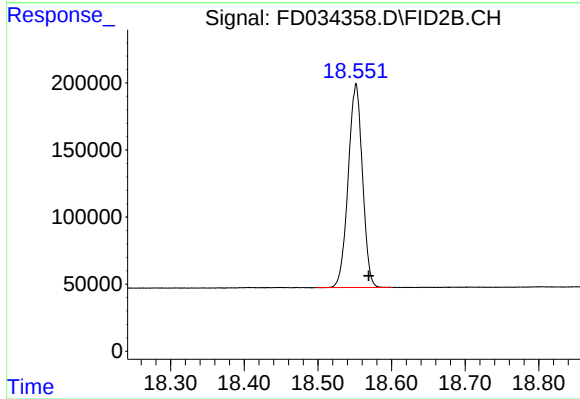
#16 n-Octacosane (C28)

R.T.: 16.842 min
Delta R.T.: -0.017 min
Response: 2314202
Conc: 18.32 ug/ml



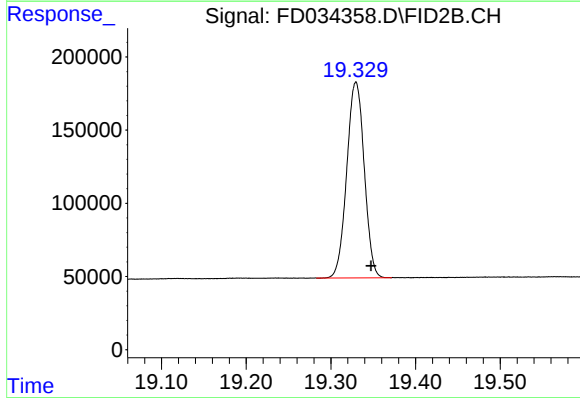
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: -0.019 min
Response: 2236282
Conc: 17.98 ug/ml



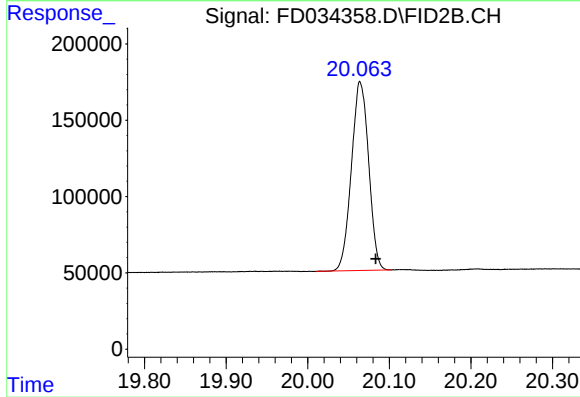
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.017 min
Response: 2043440
Conc: 17.75 ug/ml



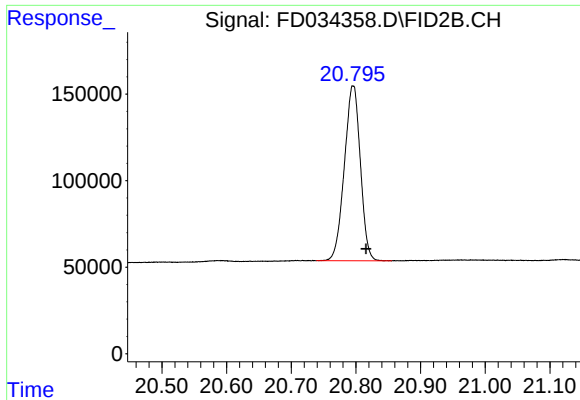
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.018 min
Response: 1922486
Conc: 17.66 ug/ml



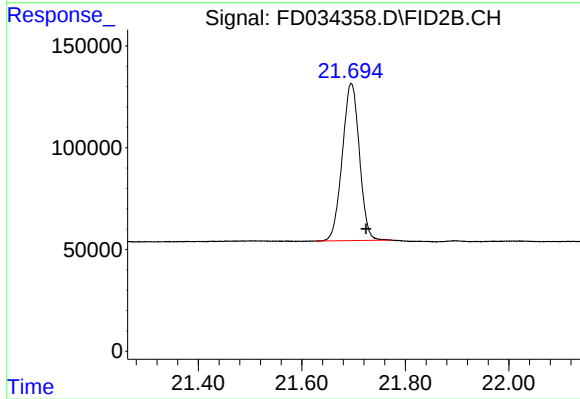
#20 n-Hexatriacontane (C36)

R.T.: 20.064 min
Delta R.T.: -0.019 min
Response: 1816367
Conc: 17.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: -0.020 min
Response: 1739952
Conc: 18.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.695 min
Delta R.T.: -0.029 min
Response: 1771982
Conc: 18.37 ug/ml