

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031120AL\
 Data File : FD032612.D
 Signal(s) : FID2B.CH
 Acq On : 12 Mar 2020 8:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 12 10:10:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030420.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 05 10:06:03 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)	11.518	2550351	17.779 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
12) S 1-chlorooctadecane (S...	12.948	1951278	17.469 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
Target Compounds			
1) T n-Nonane (C9)	3.322	2516628	19.821 ug/ml
2) T n-Decane (C10)	4.383	2530869	19.873 ug/ml
3) T A~Naphthalene (C11.7)	5.959	2757491	19.432 ug/ml
4) T n-Dodecane (C12)	6.390	2554966	19.630 ug/ml
5) T A~2-methylnaphthalene...	7.010	2755384	19.044 ug/ml
6) T n-Tetradecane (C14)	8.176	2530494	19.227 ug/ml
7) T n-Hexadecane (C16)	9.768	2479231	18.718 ug/ml
8) T n-Octadecane (C18)	11.203	2423224	18.225 ug/ml
10) T n-Eicosane (C20)	12.505	2347325	17.765 ug/ml
11) T n-Heneicosane (C21)	13.114	2326044	17.551 ug/ml
13) T n-Docosane (C22)	13.698	2270364	17.310 ug/ml
14) T n-Tetracosane (C24)	14.796	2216689	17.027 ug/ml
15) T n-Hexacosane (C26)	15.811	2149075	16.871 ug/ml
16) T n-Octacosane (C28)	16.757	2090798	16.904 ug/ml
17) T n-Tricontane (C30)	17.640	2018167	17.144 ug/ml
18) T n-Dotriacontane (C32)	18.468	1761125	17.637 ug/ml
19) T n-Tetratriacontane (C34)	19.247	1520069	17.953 ug/ml
20) T n-Hexatriacontane (C36)	19.983	1372013	17.642 ug/ml
21) T n-Octatriacontane (C38)	20.698	1403126	18.966 ug/ml
22) T n-Tetracontane (C40)	21.562	1525802	18.828 ug/ml

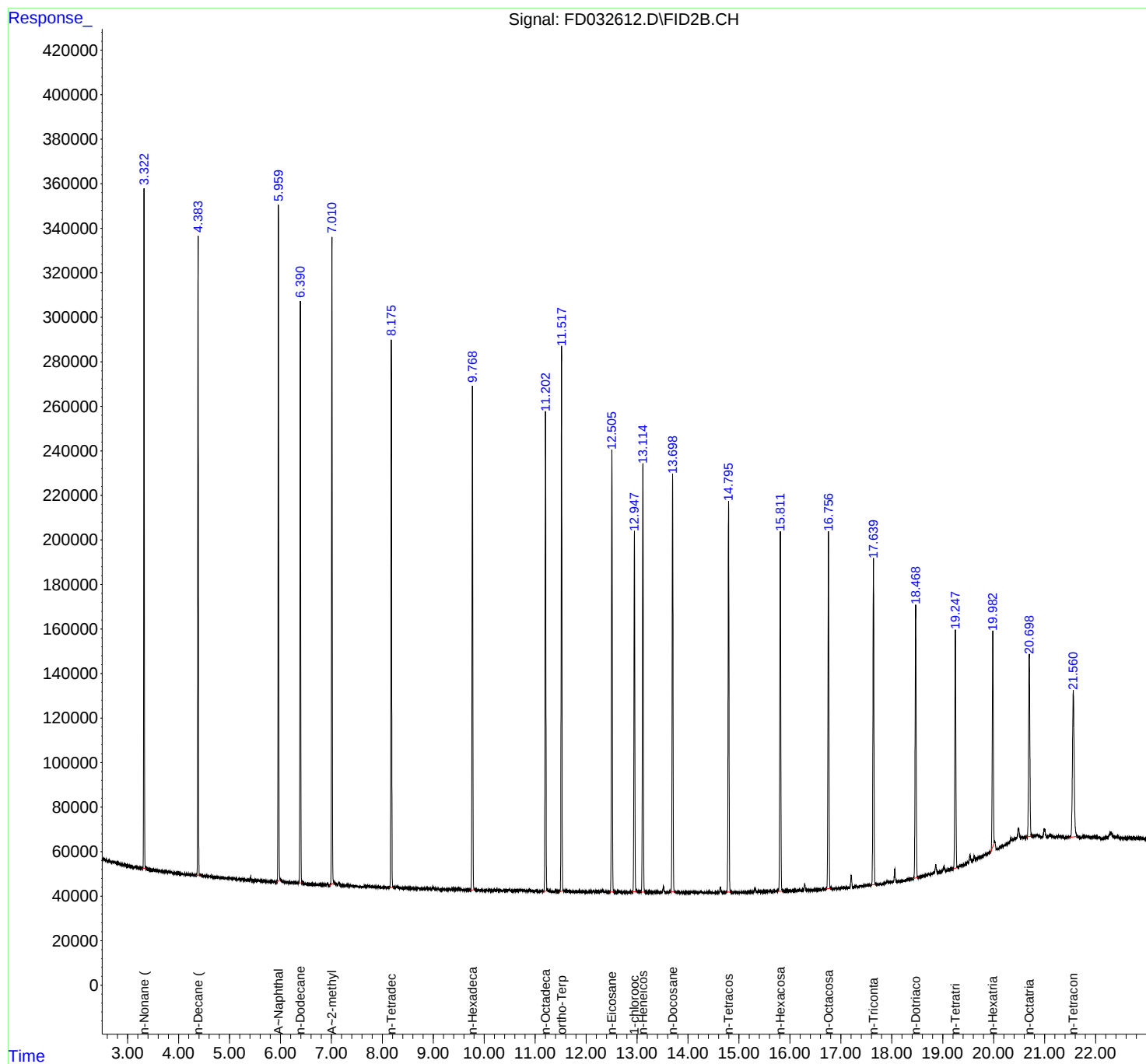
(f)=RT Delta > 1/2 Window

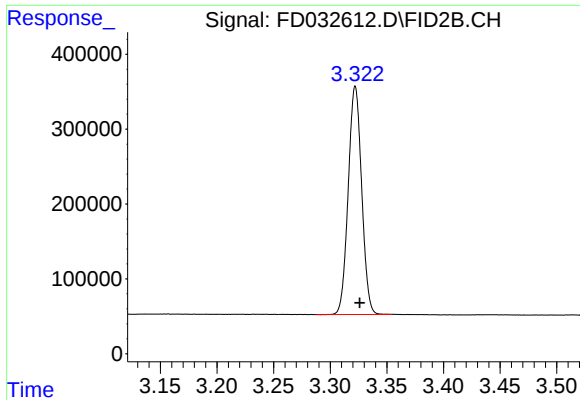
(m)=manual int.

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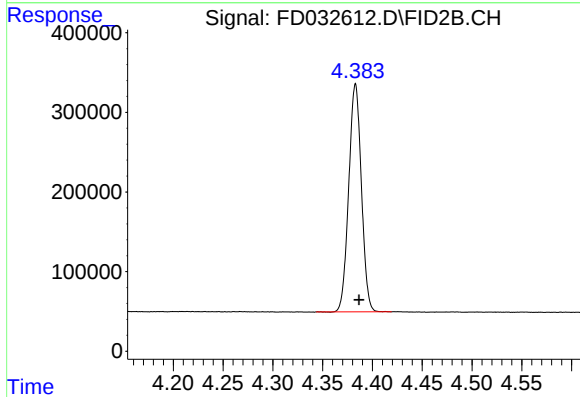
Volume Inj. : 1 ul
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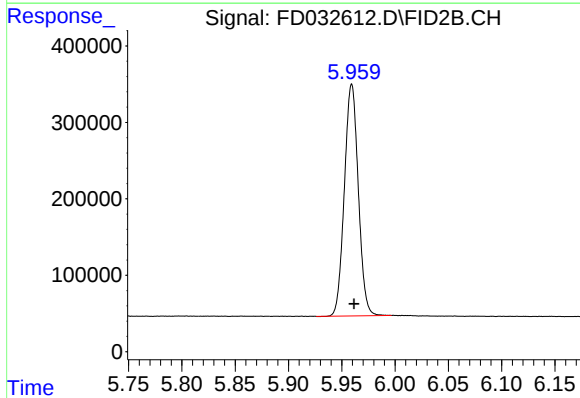
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.004 min
Response: 2516628
Conc: 19.82 ug/ml



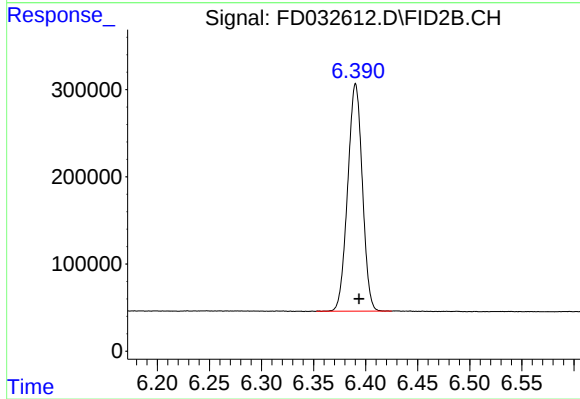
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.004 min
Response: 2530869
Conc: 19.87 ug/ml



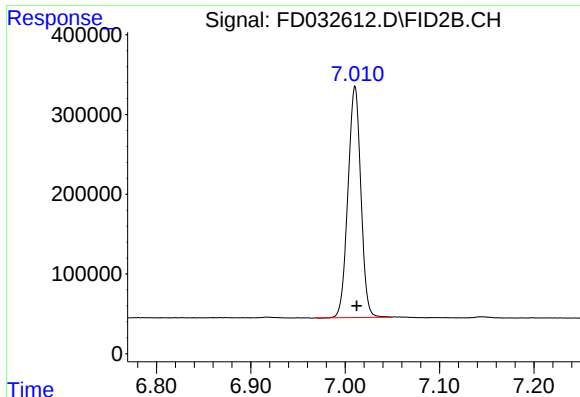
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 2757491
Conc: 19.43 ug/ml



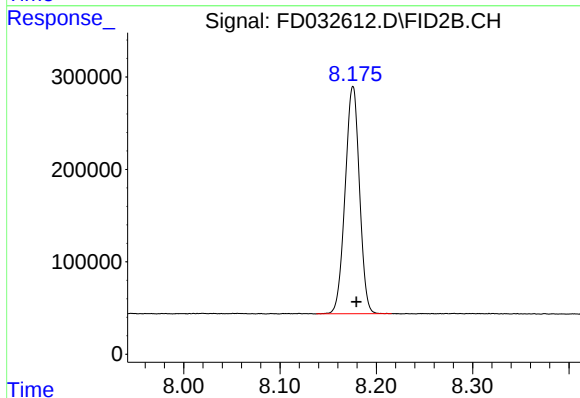
#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: -0.003 min
Response: 2554966
Conc: 19.63 ug/ml



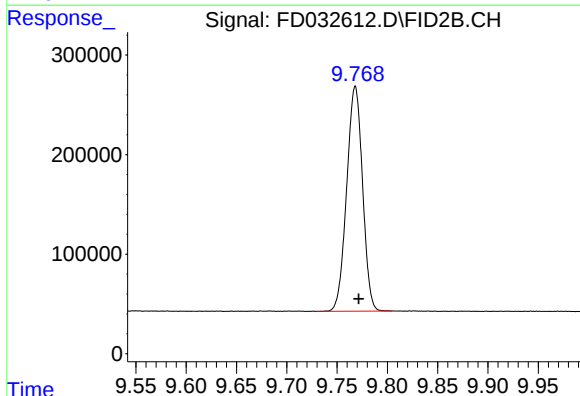
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 2755384
Conc: 19.04 ug/ml



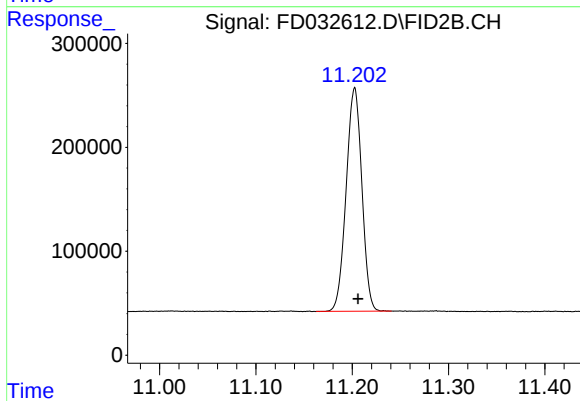
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 2530494
Conc: 19.23 ug/ml



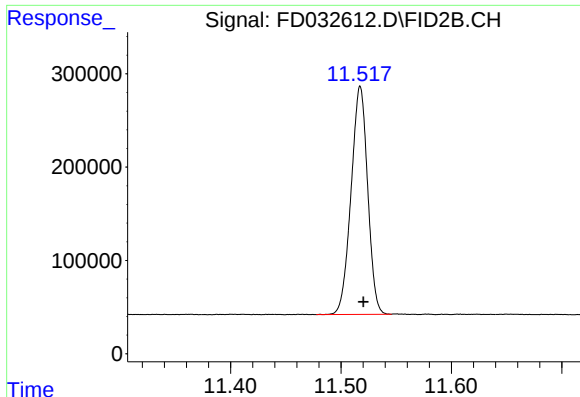
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: -0.003 min
Response: 2479231
Conc: 18.72 ug/ml



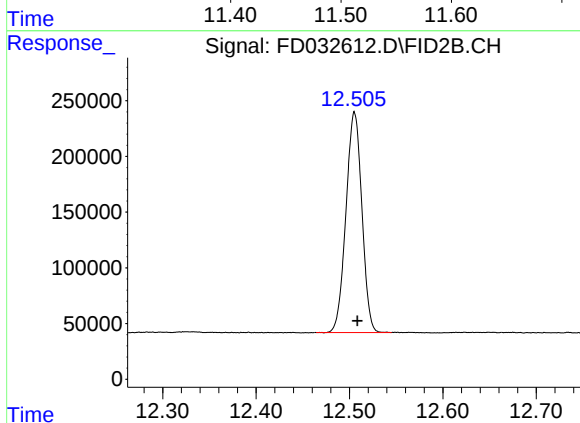
#8 n-Octadecane (C18)

R.T.: 11.203 min
Delta R.T.: -0.004 min
Response: 2423224
Conc: 18.22 ug/ml



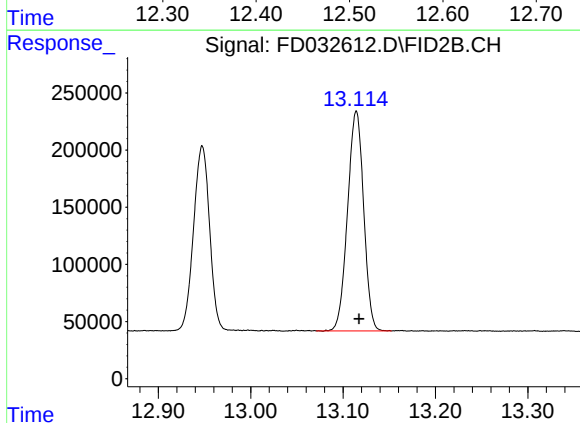
#9 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 2550351
Conc: 17.78 ug/ml



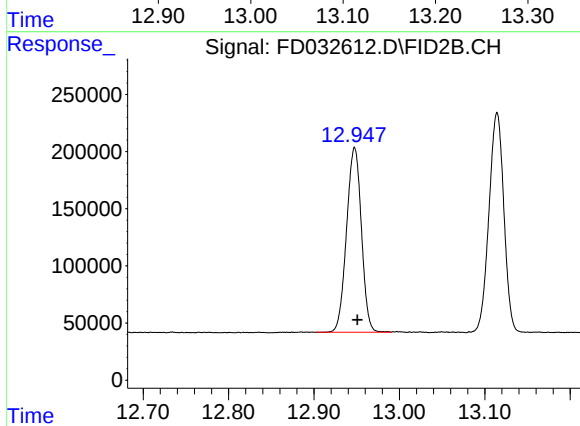
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: -0.003 min
Response: 2347325
Conc: 17.76 ug/ml



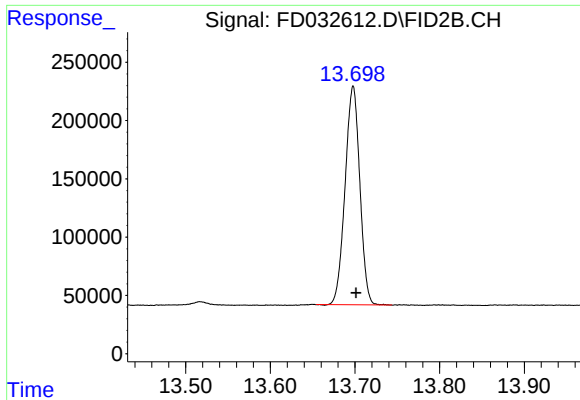
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: -0.003 min
Response: 2326044
Conc: 17.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.948 min
Delta R.T.: -0.003 min
Response: 1951278
Conc: 17.47 ug/ml



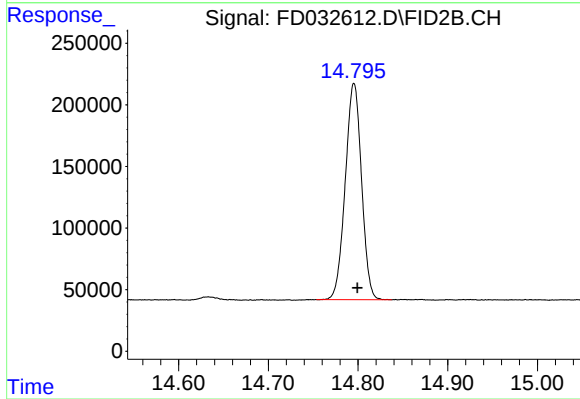
#13 n-Docosane (C22)

R.T.: 13.698 min

Delta R.T.: -0.003 min

Response: 2270364

Conc: 17.31 ug/ml



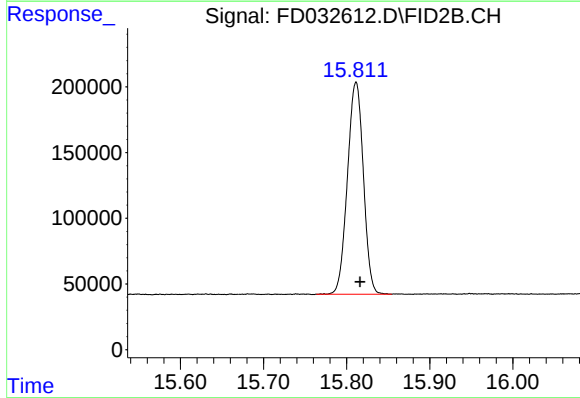
#14 n-Tetracosane (C24)

R.T.: 14.796 min

Delta R.T.: -0.004 min

Response: 2216689

Conc: 17.03 ug/ml



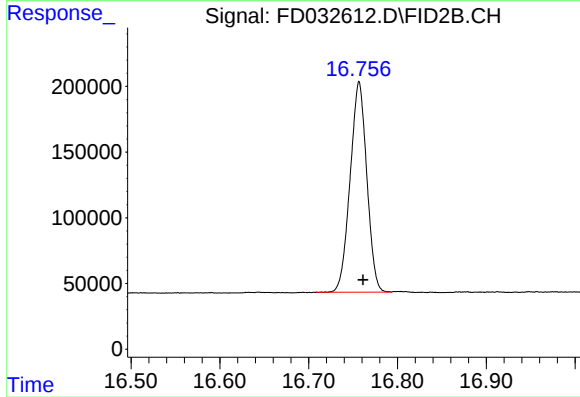
#15 n-Hexacosane (C26)

R.T.: 15.811 min

Delta R.T.: -0.005 min

Response: 2149075

Conc: 16.87 ug/ml



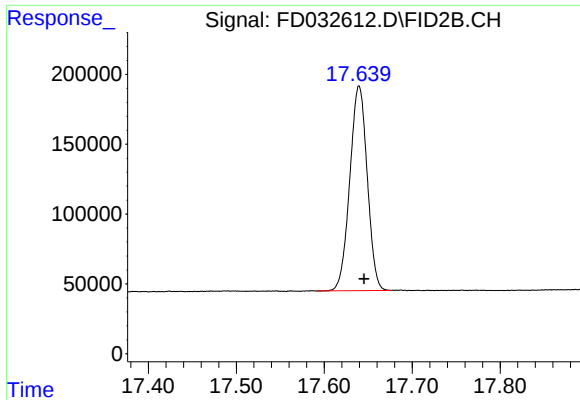
#16 n-Octacosane (C28)

R.T.: 16.757 min

Delta R.T.: -0.004 min

Response: 2090798

Conc: 16.90 ug/ml



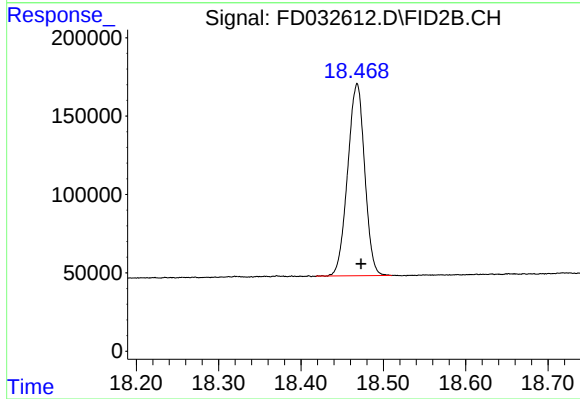
#17 n-Tricontane (C30)

R.T.: 17.640 min

Delta R.T.: -0.006 min

Response: 2018167

Conc: 17.14 ug/ml



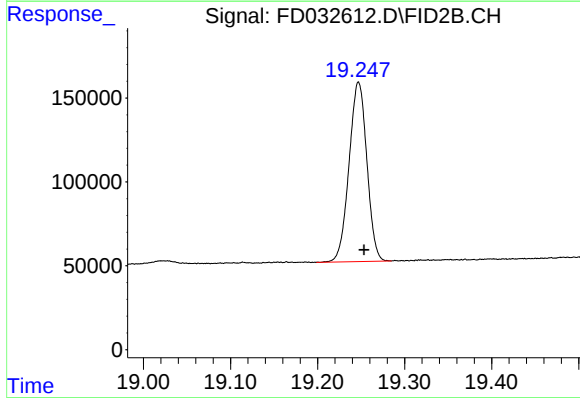
#18 n-Dotriacontane (C32)

R.T.: 18.468 min

Delta R.T.: -0.005 min

Response: 1761125

Conc: 17.64 ug/ml



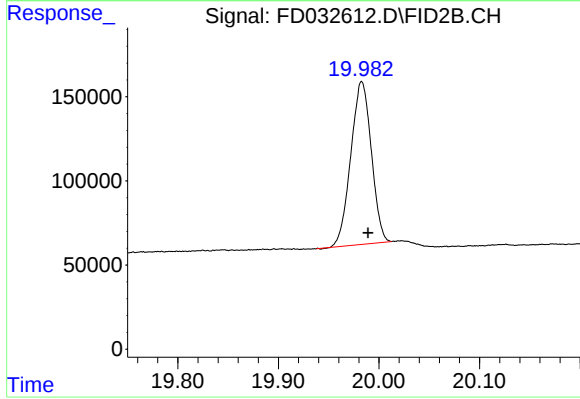
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min

Delta R.T.: -0.006 min

Response: 1520069

Conc: 17.95 ug/ml



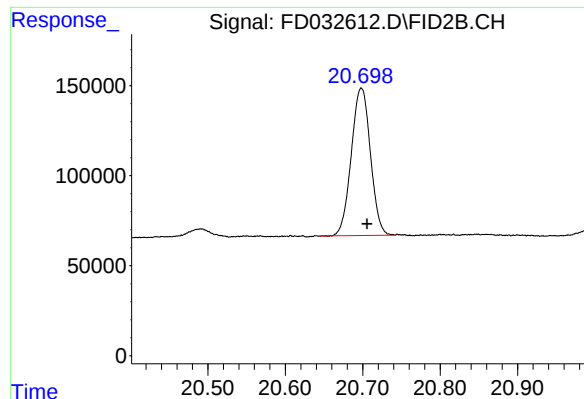
#20 n-Hexatriacontane (C36)

R.T.: 19.983 min

Delta R.T.: -0.006 min

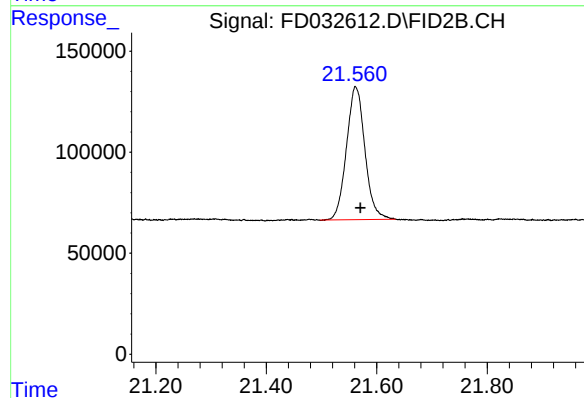
Response: 1372013

Conc: 17.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.007 min
Response: 1403126
Conc: 18.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.562 min
Delta R.T.: -0.009 min
Response: 1525802
Conc: 18.83 ug/ml