

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120221AL\
 Data File : FD039693.D
 Signal(s) : FID2B.CH
 Acq On : 03 Dec 2021 3:08
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 03 05:26:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 01:36:43 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)	11.655	2361623	18.538 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
12) S 1-chlorooctadecane (S...	13.083	1827833	18.581 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
Target Compounds			
1) T n-Nonane (C9)	3.414	2143924	18.765 ug/ml
2) T n-Decane (C10)	4.484	2163791	18.814 ug/ml
3) T A~Naphthalene (C11.7)	6.077	2383929	18.735 ug/ml
4) T n-Dodecane (C12)	6.500	2154497	18.710 ug/ml
5) T A~2-methylnaphthalene...	7.132	2373265	18.637 ug/ml
6) T n-Tetradecane (C14)	8.293	2149578	18.551 ug/ml
7) T n-Hexadecane (C16)	9.891	2142065	18.423 ug/ml
8) T n-Octadecane (C18)	11.331	2184037	18.380 ug/ml
10) T n-Eicosane (C20)	12.638	2166308	18.463 ug/ml
11) T n-Heneicosane (C21)	13.249	2178327	18.518 ug/ml
13) T n-Docosane (C22)	13.833	2170413	18.711 ug/ml
14) T n-Tetracosane (C24)	14.933	2209654	18.936 ug/ml
15) T n-Hexacosane (C26)	15.950	2142303	19.333 ug/ml
16) T n-Octacosane (C28)	16.897	2078688	19.377 ug/ml
17) T n-Tricontane (C30)	17.781	2045333	19.188 ug/ml
18) T n-Dotriacontane (C32)	18.611	1958342	18.803 ug/ml
19) T n-Tetratriacontane (C34)	19.392	1898691	18.894 ug/ml
20) T n-Hexatriacontane (C36)	20.128	1802946	18.737 ug/ml
21) T n-Octatriacontane (C38)	20.867	1754407	18.694 ug/ml
22) T n-Tetracontane (C40)	21.786	2163084	22.436 ug/ml

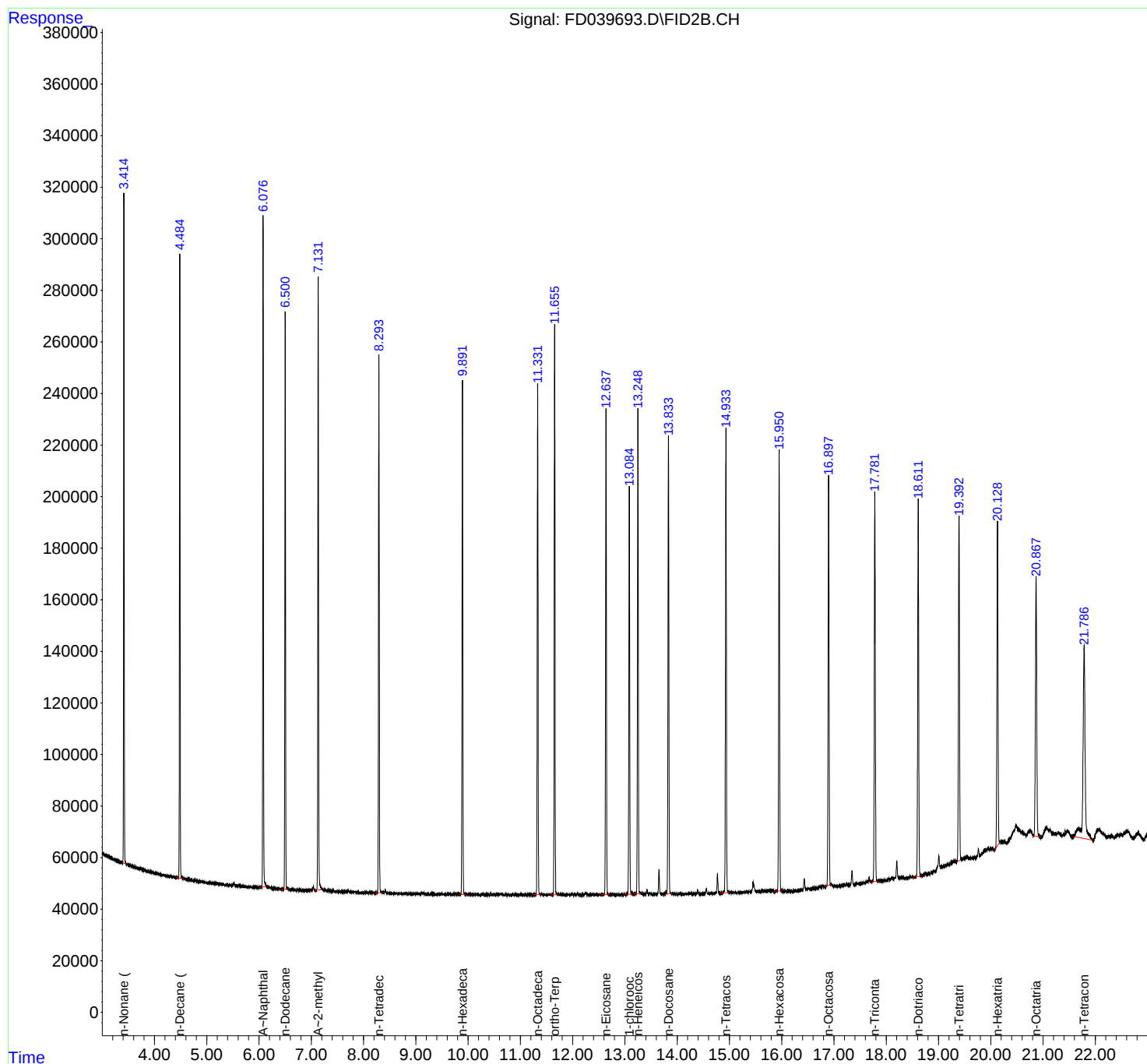
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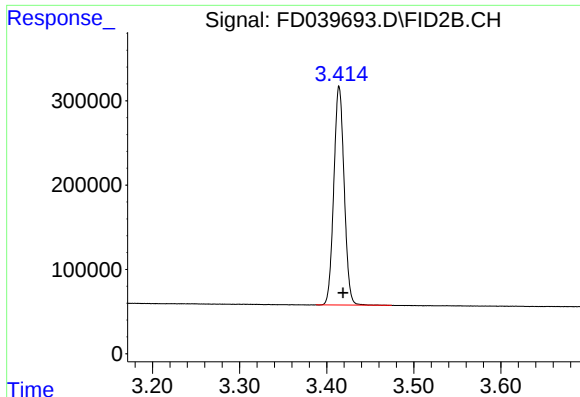
(m)=manual int.

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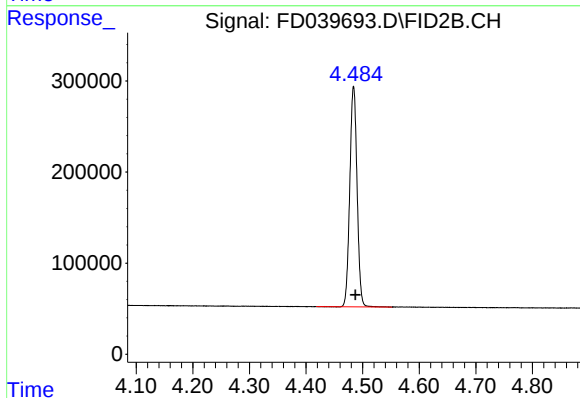
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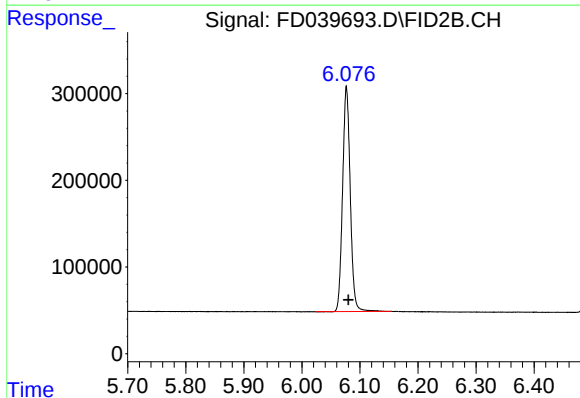
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: -0.005 min
Response: 2143924
Conc: 18.77 ug/ml



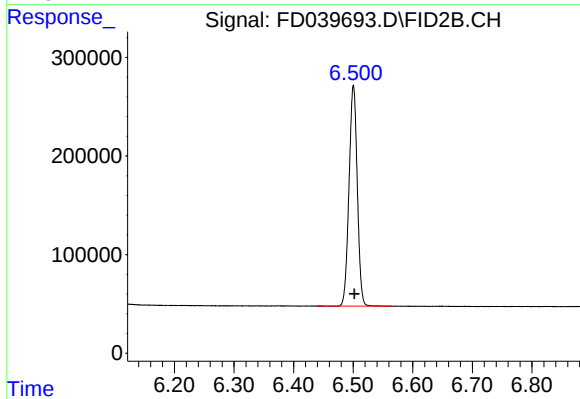
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.003 min
Response: 2163791
Conc: 18.81 ug/ml



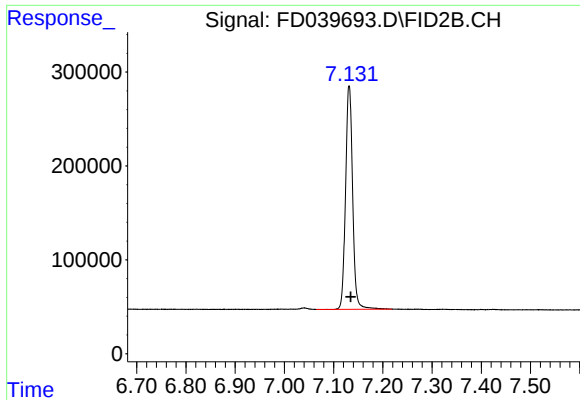
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 2383929
Conc: 18.73 ug/ml



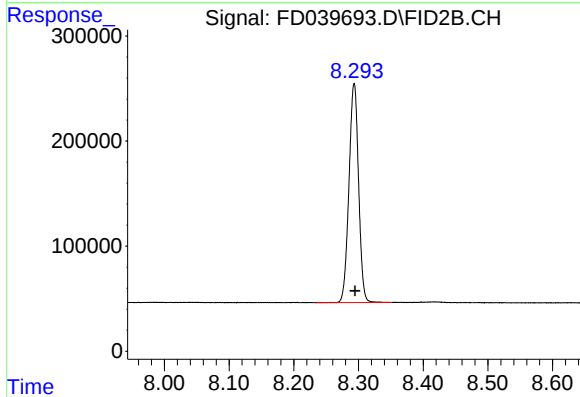
#4 n-Dodecane (C12)

R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 2154497
Conc: 18.71 ug/ml



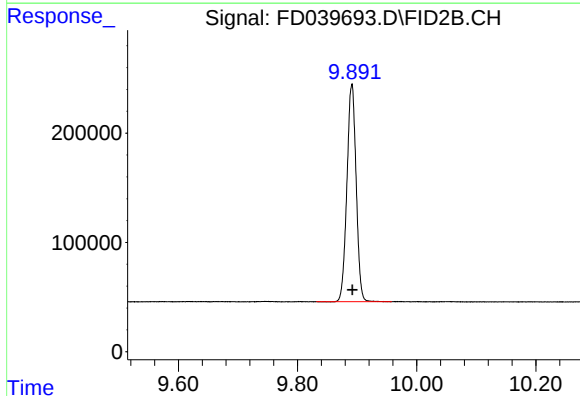
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.132 min
Delta R.T.: -0.003 min
Response: 2373265
Conc: 18.64 ug/ml



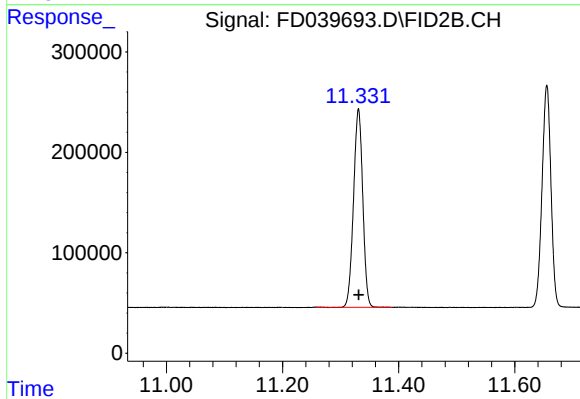
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: -0.001 min
Response: 2149578
Conc: 18.55 ug/ml



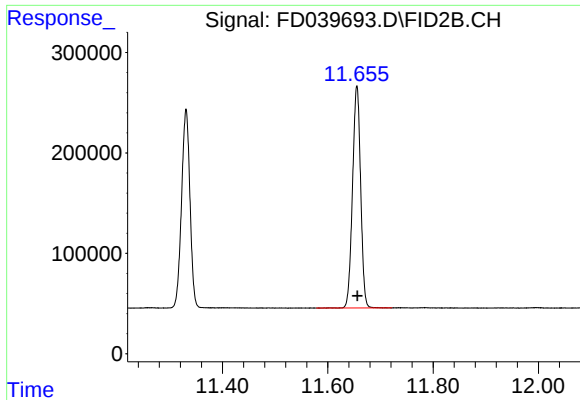
#7 n-Hexadecane (C16)

R.T.: 9.891 min
Delta R.T.: -0.001 min
Response: 2142065
Conc: 18.42 ug/ml



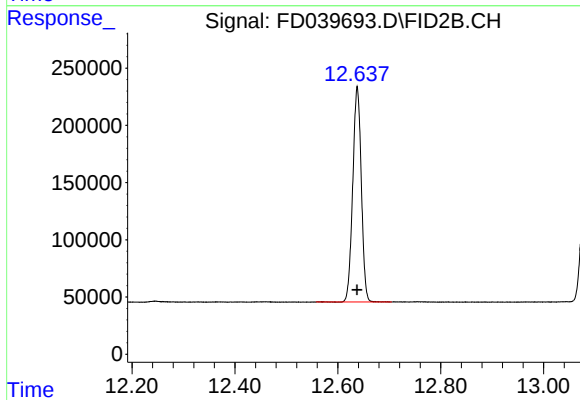
#8 n-Octadecane (C18)

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 2184037
Conc: 18.38 ug/ml



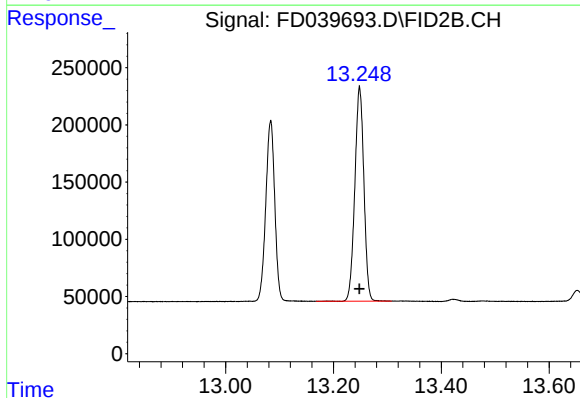
#9 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 2361623
Conc: 18.54 ug/ml



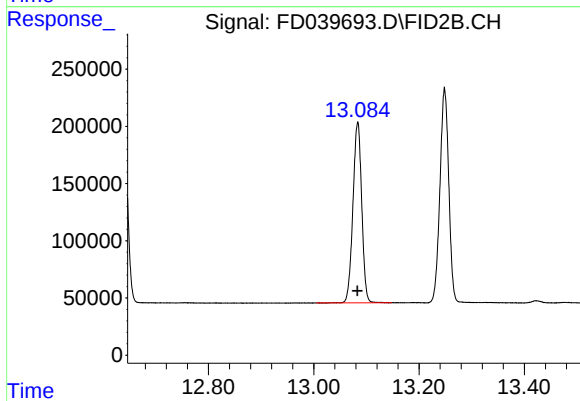
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: 0.000 min
Response: 2166308
Conc: 18.46 ug/ml



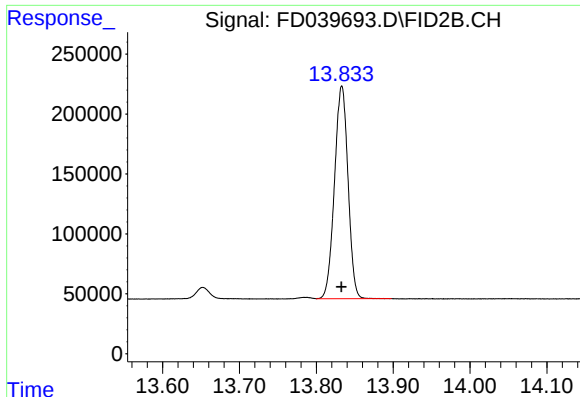
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: 0.000 min
Response: 2178327
Conc: 18.52 ug/ml



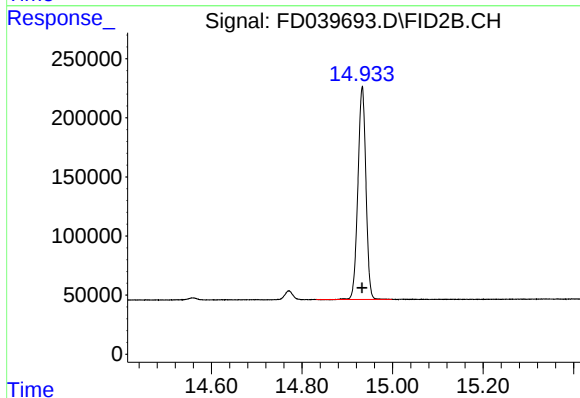
#12 1-chlorooctadecane (SURR)

R.T.: 13.083 min
Delta R.T.: 0.000 min
Response: 1827833
Conc: 18.58 ug/ml



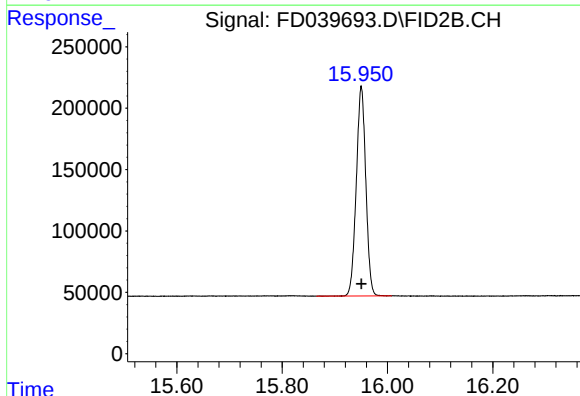
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: 0.000 min
Response: 2170413
Conc: 18.71 ug/ml



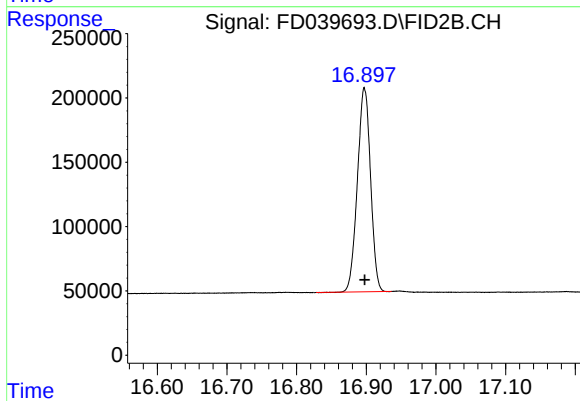
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: 0.000 min
Response: 2209654
Conc: 18.94 ug/ml



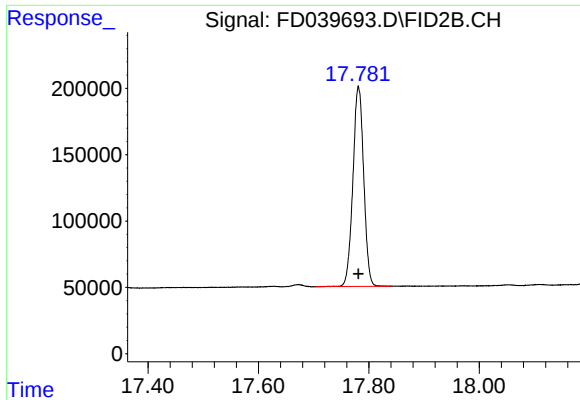
#15 n-Hexacosane (C26)

R.T.: 15.950 min
Delta R.T.: 0.000 min
Response: 2142303
Conc: 19.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.897 min
Delta R.T.: 0.000 min
Response: 2078688
Conc: 19.38 ug/ml



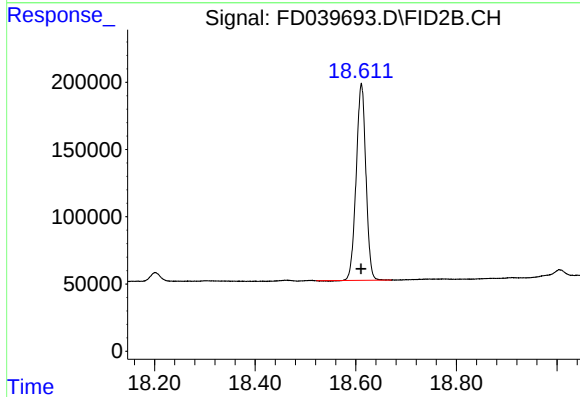
#17 n-Tricontane (C30)

R.T.: 17.781 min

Delta R.T.: 0.000 min

Response: 2045333

Conc: 19.19 ug/ml



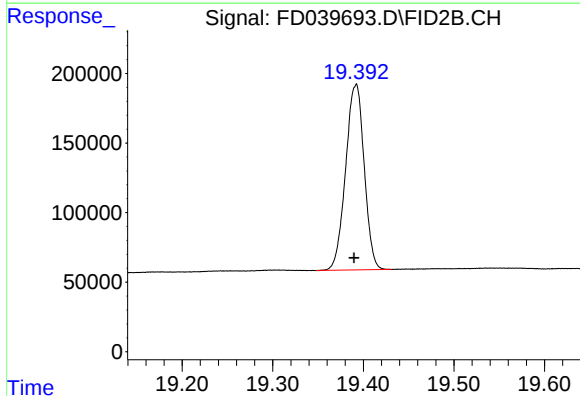
#18 n-Dotriacontane (C32)

R.T.: 18.611 min

Delta R.T.: 0.000 min

Response: 1958342

Conc: 18.80 ug/ml



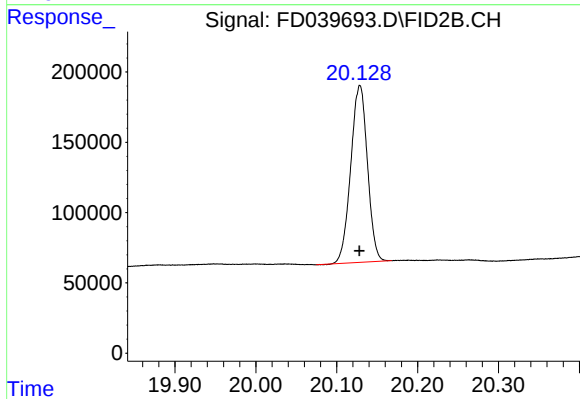
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min

Delta R.T.: 0.002 min

Response: 1898691

Conc: 18.89 ug/ml



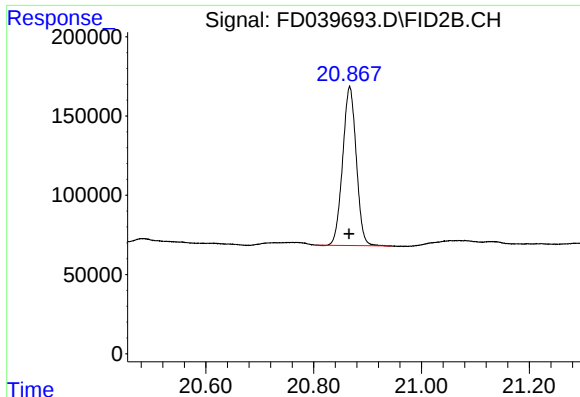
#20 n-Hexatriacontane (C36)

R.T.: 20.128 min

Delta R.T.: 0.000 min

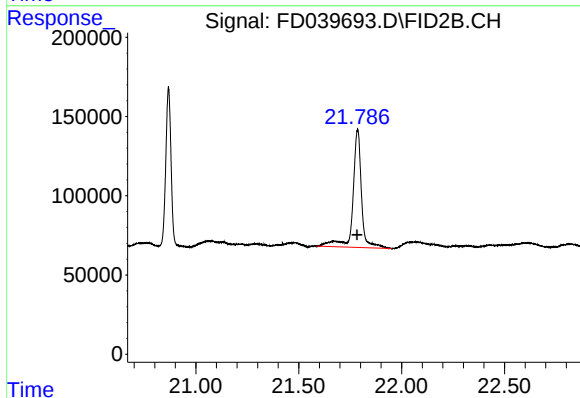
Response: 1802946

Conc: 18.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.867 min
Delta R.T.: 0.000 min
Response: 1754407
Conc: 18.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.786 min
Delta R.T.: 0.002 min
Response: 2163084
Conc: 22.44 ug/ml