

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102121AL\
 Data File : FD039201.D
 Signal(s) : FID2B.CH
 Acq On : 22 Oct 2021 9:47
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 22 11:52:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.676	2491017	17.551 ug/ml
Spiked Amount 50.000		Recovery =	35.10%
12) S 1-chlorooctadecane (S...	13.102	1942278	17.273 ug/ml
Spiked Amount 50.000		Recovery =	34.55%
Target Compounds			
1) T n-Nonane (C9)	3.436	2436098	19.313 ug/ml
2) T n-Decane (C10)	4.505	2470235	19.355 ug/ml
3) T A~Naphthalene (C11.7)	6.098	2721495	19.112 ug/ml
4) T n-Dodecane (C12)	6.521	2459051	19.201 ug/ml
5) T A~2-methylnaphthalene...	7.154	2715807	18.971 ug/ml
6) T n-Tetradecane (C14)	8.313	2454214	18.913 ug/ml
7) T n-Hexadecane (C16)	9.911	2426810	18.607 ug/ml
8) T n-Octadecane (C18)	11.351	2430178	18.170 ug/ml
10) T n-Eicosane (C20)	12.657	2356575	17.769 ug/ml
11) T n-Heneicosane (C21)	13.268	2333384	17.426 ug/ml
13) T n-Docosane (C22)	13.852	2321242	17.499 ug/ml
14) T n-Tetracosane (C24)	14.951	2351423	17.746 ug/ml
15) T n-Hexacosane (C26)	15.969	2300198	17.870 ug/ml
16) T n-Octacosane (C28)	16.916	2272412	18.022 ug/ml
17) T n-Tricontane (C30)	17.800	2284747	18.732 ug/ml
18) T n-Dotriacontane (C32)	18.629	2212752	19.086 ug/ml
19) T n-Tetratriacontane (C34)	19.410	2120711	19.646 ug/ml
20) T n-Hexatriacontane (C36)	20.146	2061923	21.072 ug/ml
21) T n-Octatriacontane (C38)	20.888	2009094	22.380 ug/ml
22) T n-Tetracontane (C40)	21.817	2122263	24.091 ug/ml

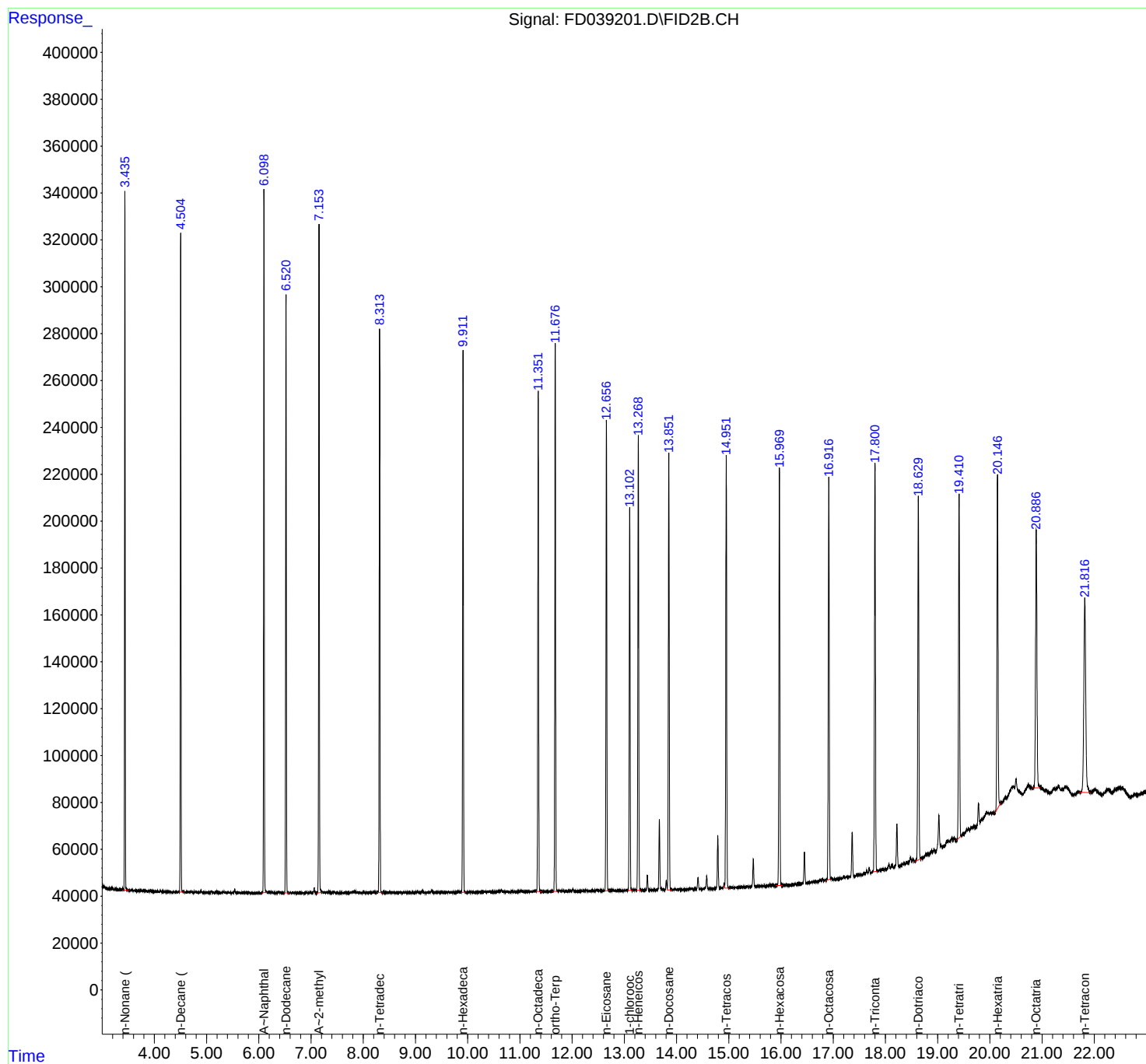
(f)=RT Delta > 1/2 Window

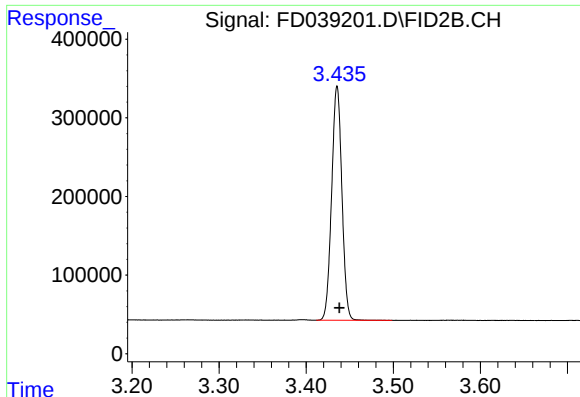
(m)=manual int.

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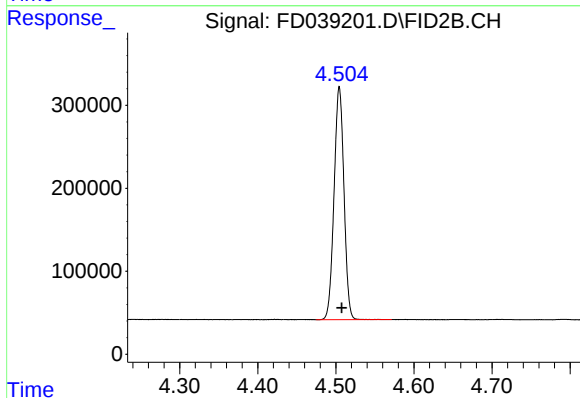
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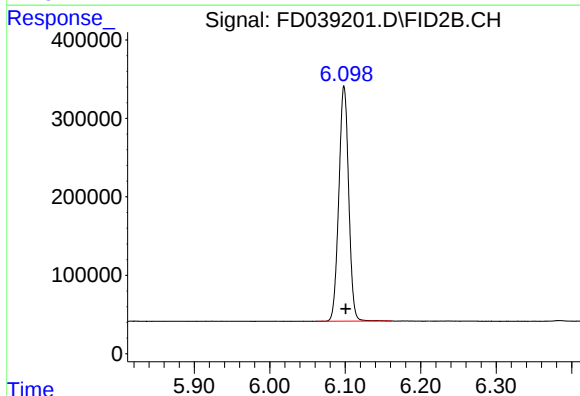
#1 n-Nonane (C9)

R.T.: 3.436 min
Delta R.T.: -0.002 min
Response: 2436098
Conc: 19.31 ug/ml



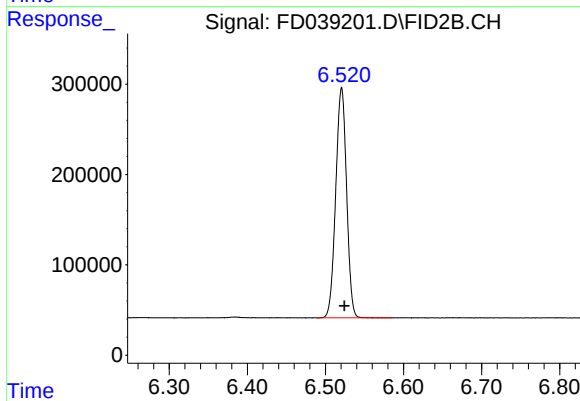
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.003 min
Response: 2470235
Conc: 19.35 ug/ml



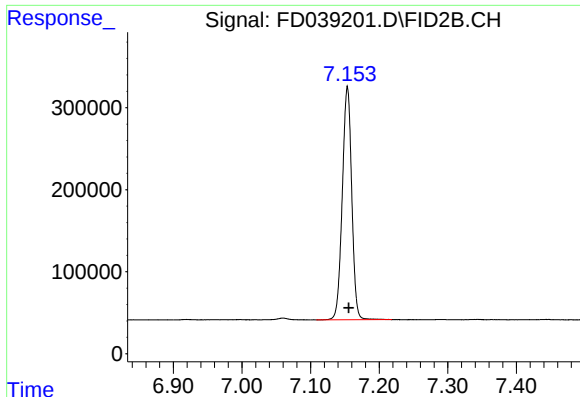
#3 A~Naphthalene (C11.7)

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 2721495
Conc: 19.11 ug/ml



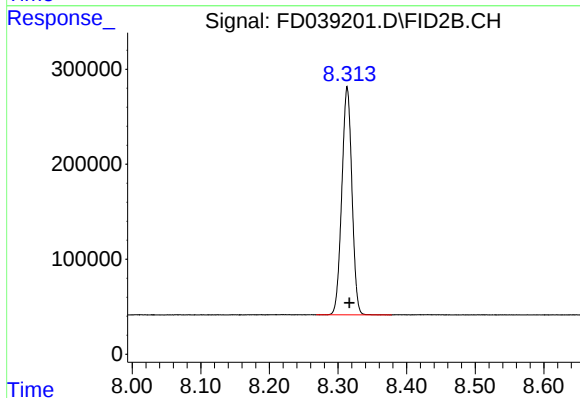
#4 n-Dodecane (C12)

R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 2459051
Conc: 19.20 ug/ml



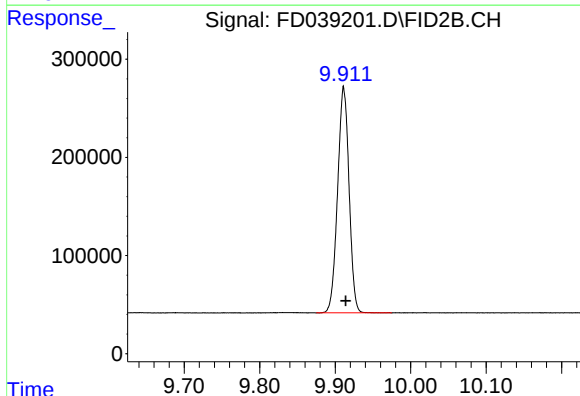
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 2715807
Conc: 18.97 ug/ml



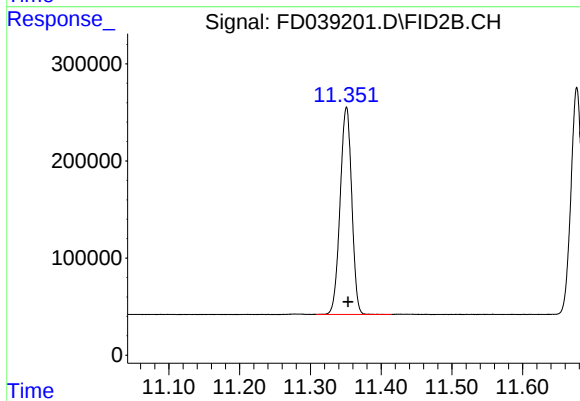
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 2454214
Conc: 18.91 ug/ml



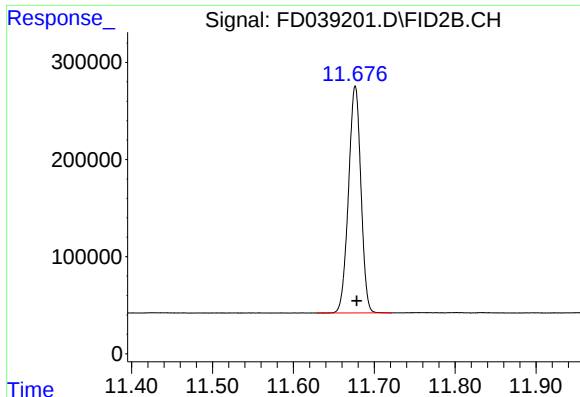
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.003 min
Response: 2426810
Conc: 18.61 ug/ml



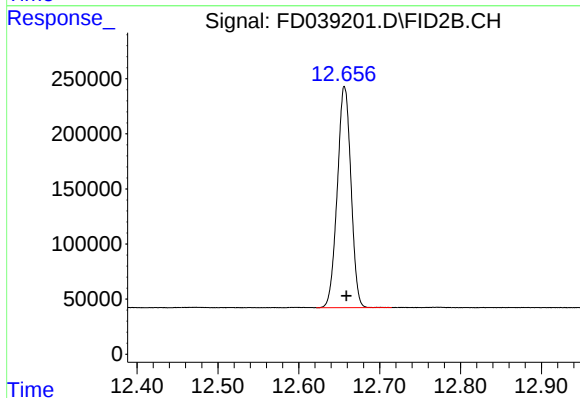
#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: -0.002 min
Response: 2430178
Conc: 18.17 ug/ml



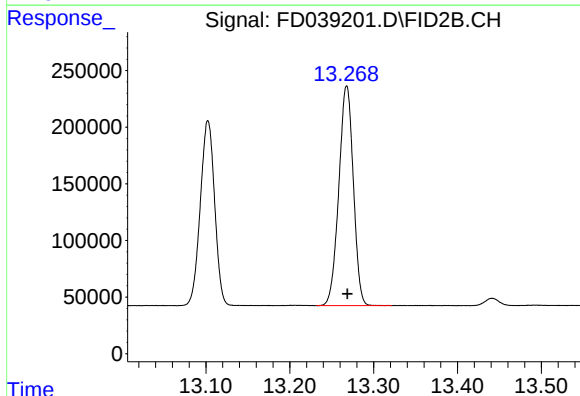
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.002 min
Response: 2491017
Conc: 17.55 ug/ml



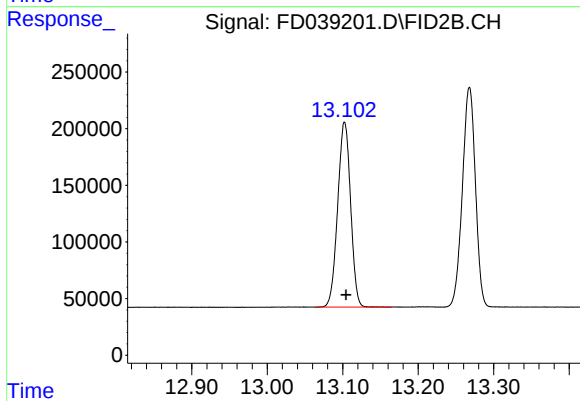
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: -0.002 min
Response: 2356575
Conc: 17.77 ug/ml



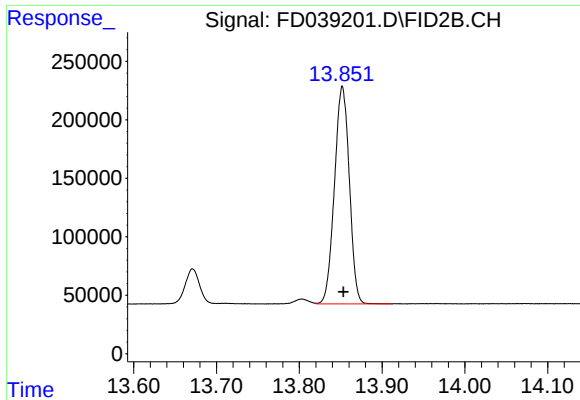
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.000 min
Response: 2333384
Conc: 17.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.002 min
Response: 1942278
Conc: 17.27 ug/ml



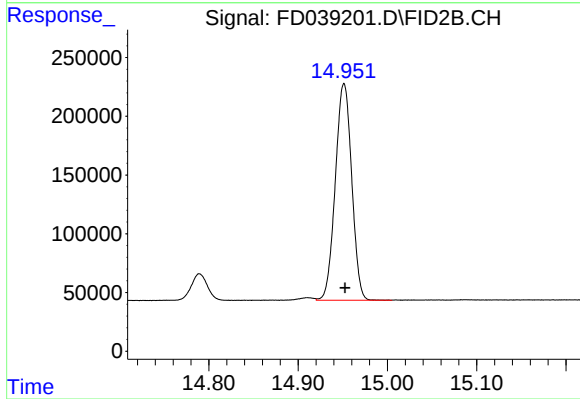
#13 n-Docosane (C22)

R.T.: 13.852 min

Delta R.T.: -0.001 min

Response: 2321242

Conc: 17.50 ug/ml



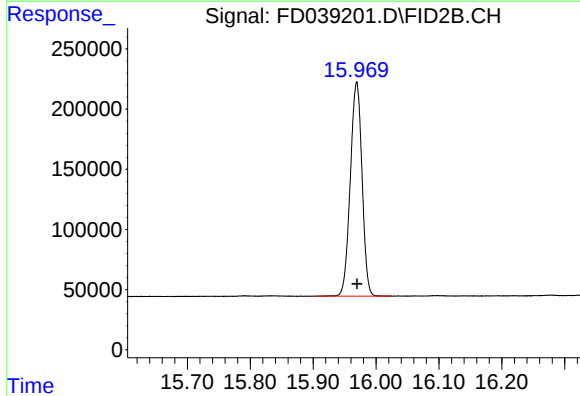
#14 n-Tetracosane (C24)

R.T.: 14.951 min

Delta R.T.: -0.001 min

Response: 2351423

Conc: 17.75 ug/ml



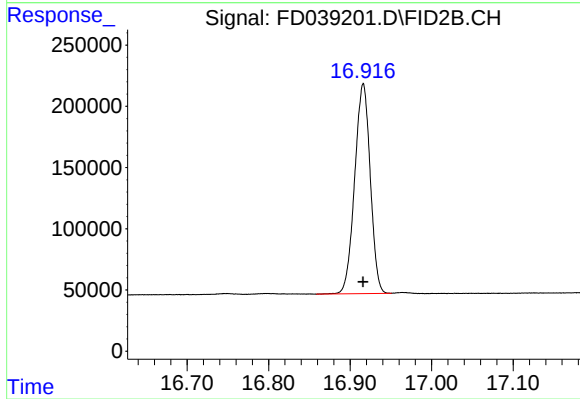
#15 n-Hexacosane (C26)

R.T.: 15.969 min

Delta R.T.: 0.000 min

Response: 2300198

Conc: 17.87 ug/ml



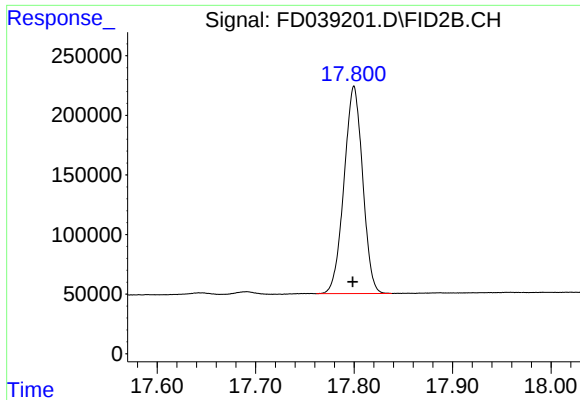
#16 n-Octacosane (C28)

R.T.: 16.916 min

Delta R.T.: 0.000 min

Response: 2272412

Conc: 18.02 ug/ml



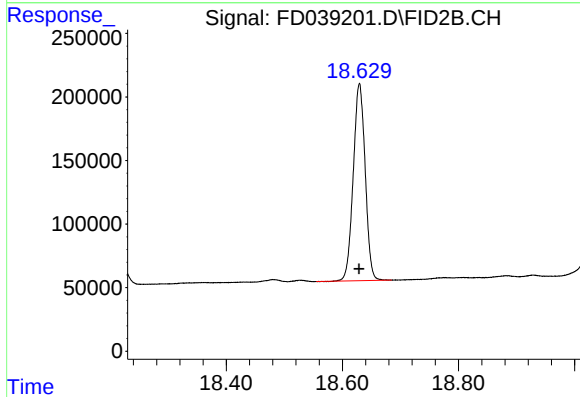
#17 n-Tricontane (C30)

R.T.: 17.800 min

Delta R.T.: 0.001 min

Response: 2284747

Conc: 18.73 ug/ml



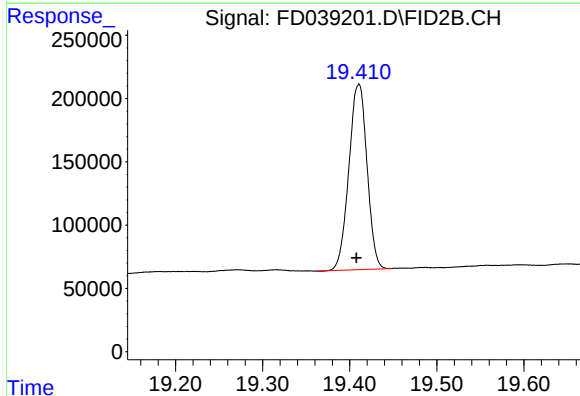
#18 n-Dotriacontane (C32)

R.T.: 18.629 min

Delta R.T.: 0.000 min

Response: 2212752

Conc: 19.09 ug/ml



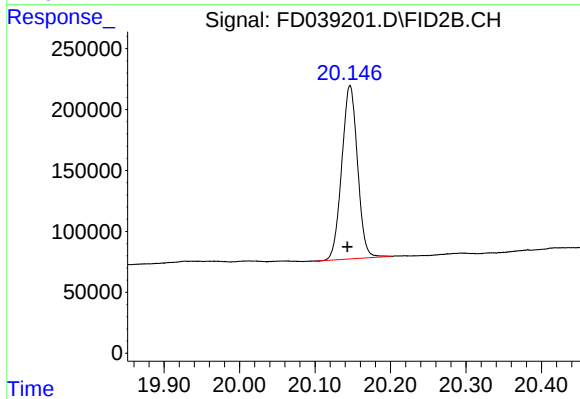
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min

Delta R.T.: 0.003 min

Response: 2120711

Conc: 19.65 ug/ml



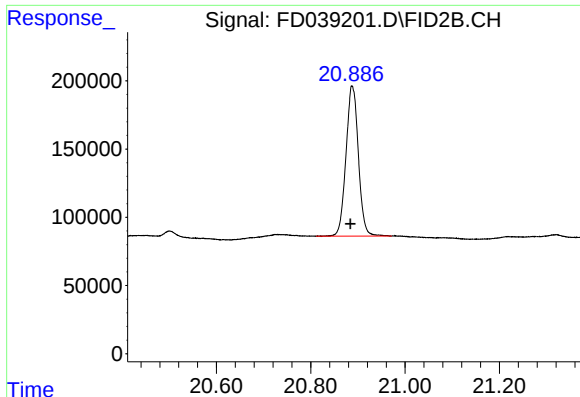
#20 n-Hexatriacontane (C36)

R.T.: 20.146 min

Delta R.T.: 0.003 min

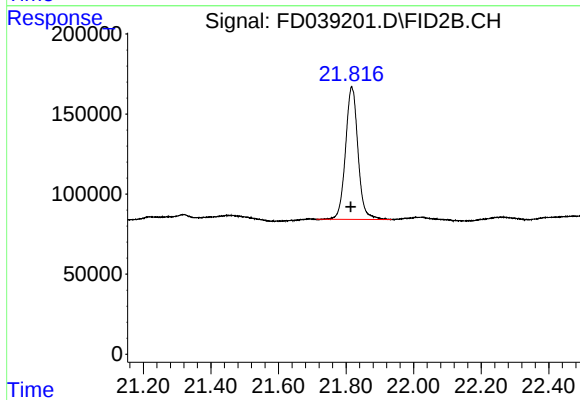
Response: 2061923

Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: 0.004 min
Response: 2009094
Conc: 22.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.817 min
Delta R.T.: 0.003 min
Response: 2122263
Conc: 24.09 ug/ml