

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061322AL\
 Data File : FD042892.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jun 2022 18:46
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 14 01:59:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 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)	11.574	2607268	15.699 ug/ml
Spiked Amount 50.000		Recovery =	31.40%
12) S 1-chlorooctadecane (S...	13.009	2039715	15.618 ug/ml
Spiked Amount 50.000		Recovery =	31.24%
Target Compounds			
1) T n-Nonane (C9)	3.343	2136728	15.424 ug/ml
2) T n-Decane (C10)	4.410	2224228	16.108 ug/ml
3) T A~Naphthalene (C11.7)	5.993	2541438	16.155 ug/ml
4) T n-Dodecane (C12)	6.427	2298348	16.219 ug/ml
5) T A~2-methylnaphthalene...	7.048	2598978	16.233 ug/ml
6) T n-Tetradecane (C14)	8.220	2347333	16.299 ug/ml
7) T n-Hexadecane (C16)	9.819	2407562	16.322 ug/ml
8) T n-Octadecane (C18)	11.259	2433873	16.170 ug/ml
10) T n-Eicosane (C20)	12.566	2398462	15.949 ug/ml
11) T n-Heneicosane (C21)	13.177	2376407	15.698 ug/ml
13) T n-Docosane (C22)	13.762	2388101	15.798 ug/ml
14) T n-Tetracosane (C24)	14.864	2377362	15.841 ug/ml
15) T n-Hexacosane (C26)	15.883	2335754	16.021 ug/ml
16) T n-Octacosane (C28)	16.831	2353896	16.877 ug/ml
17) T n-Tricontane (C30)	17.716	2431680	18.599 ug/ml
18) T n-Dotriacontane (C32)	18.547	2345035	19.861 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2062745	19.404 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1847212	18.892 ug/ml
21) T n-Octatriacontane (C38)	20.798	1740233	19.079 ug/ml
22) T n-Tetracontane (C40)	21.699	1739239	21.463 ug/ml

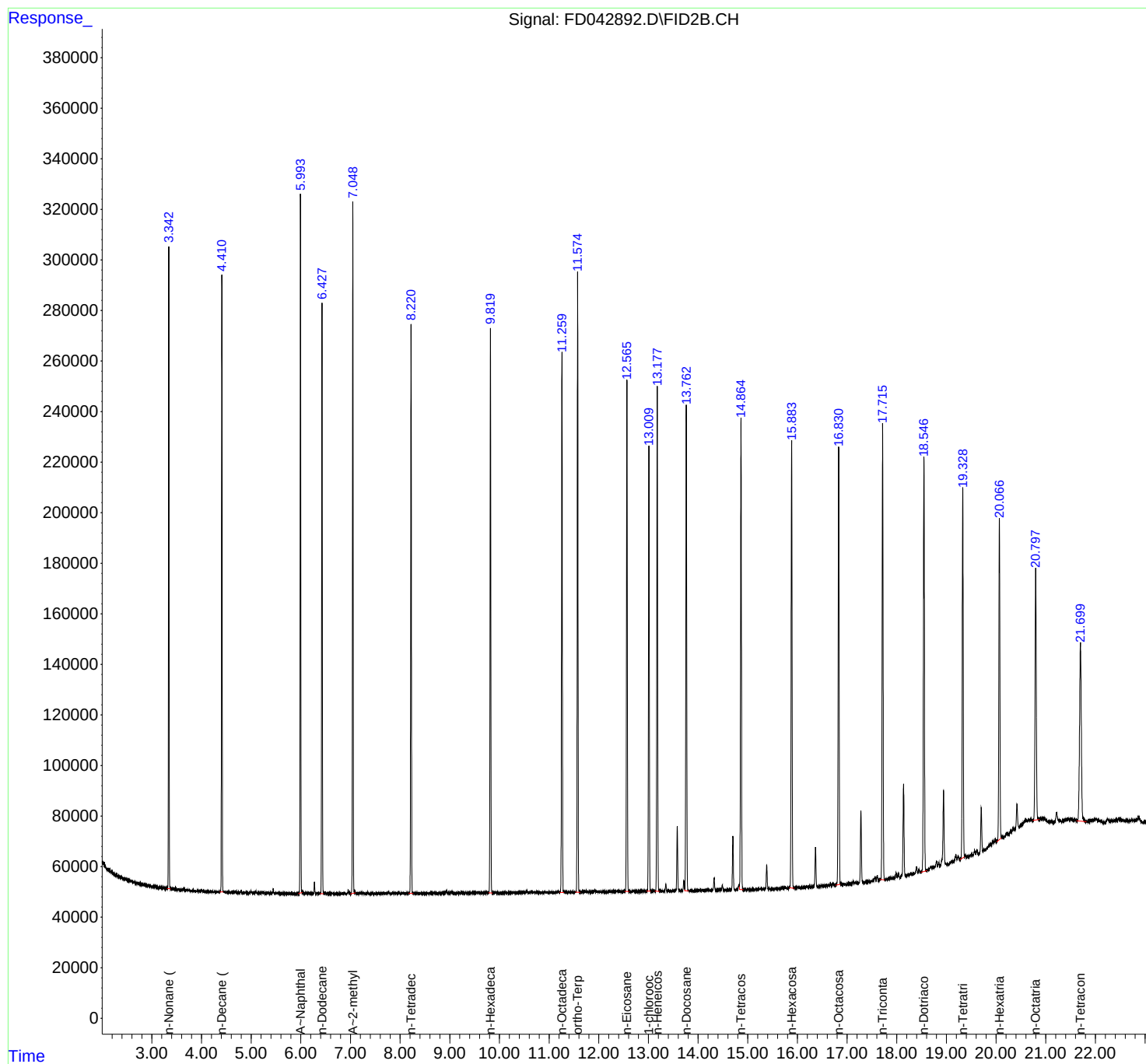
(f)=RT Delta > 1/2 Window

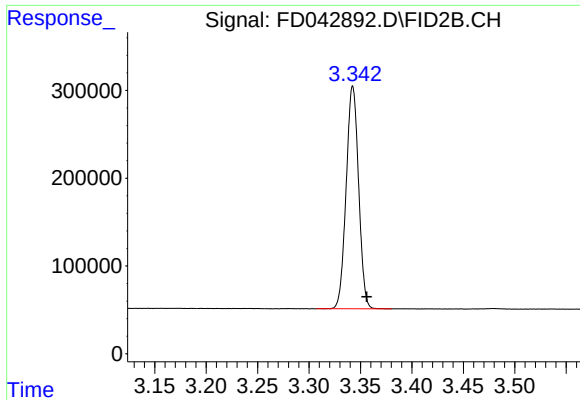
(m)=manual int.

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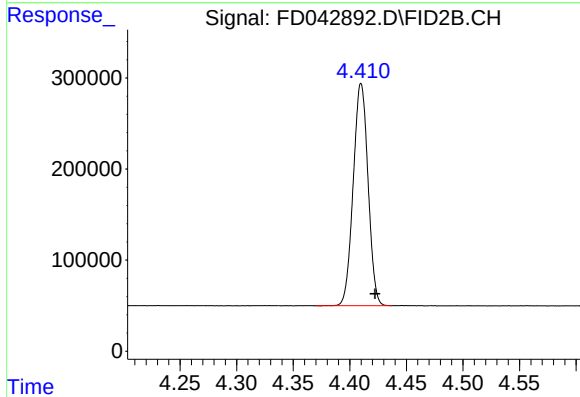
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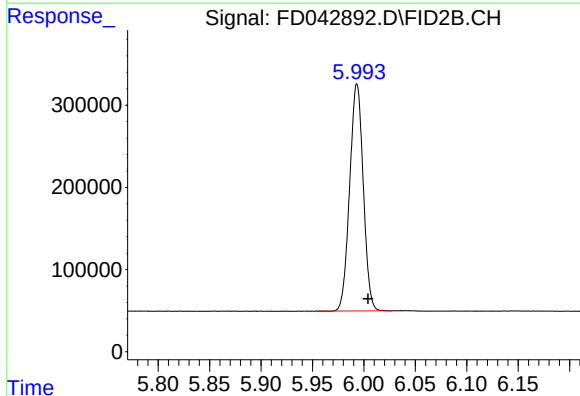
#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: -0.013 min
Response: 2136728
Conc: 15.42 ug/ml



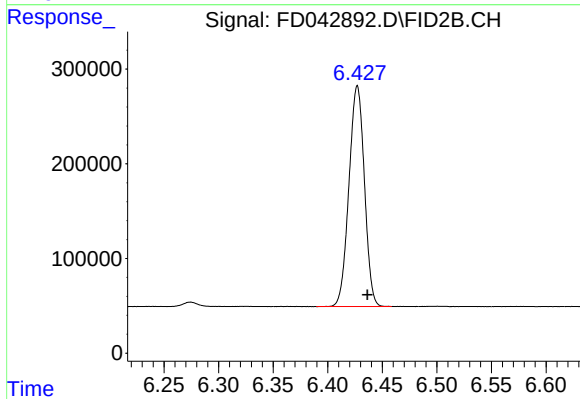
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: -0.012 min
Response: 2224228
Conc: 16.11 ug/ml



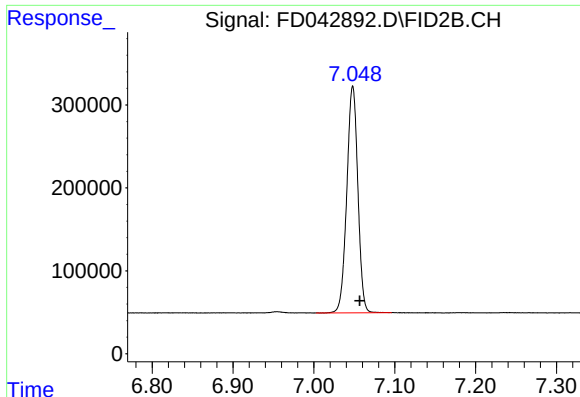
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.011 min
Response: 2541438
Conc: 16.16 ug/ml



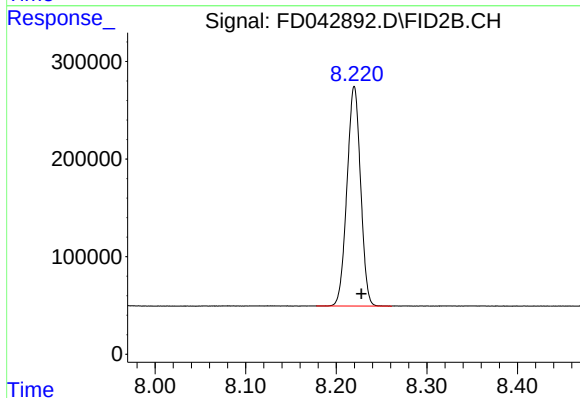
#4 n-Dodecane (C12)

R.T.: 6.427 min
Delta R.T.: -0.009 min
Response: 2298348
Conc: 16.22 ug/ml



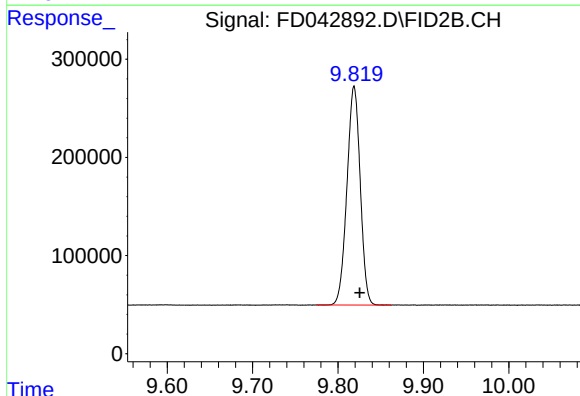
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.048 min
Delta R.T.: -0.009 min
Response: 2598978
Conc: 16.23 ug/ml



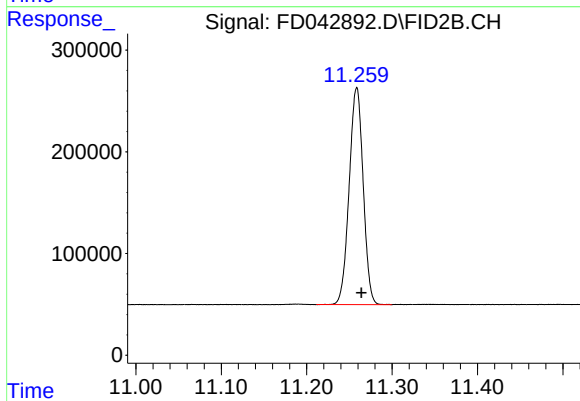
#6 n-Tetradecane (C14)

R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 2347333
Conc: 16.30 ug/ml



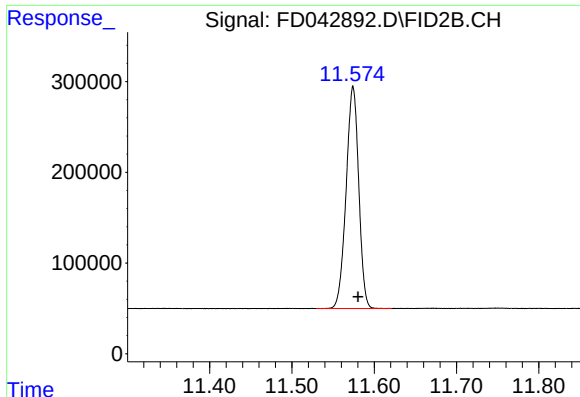
#7 n-Hexadecane (C16)

R.T.: 9.819 min
Delta R.T.: -0.006 min
Response: 2407562
Conc: 16.32 ug/ml



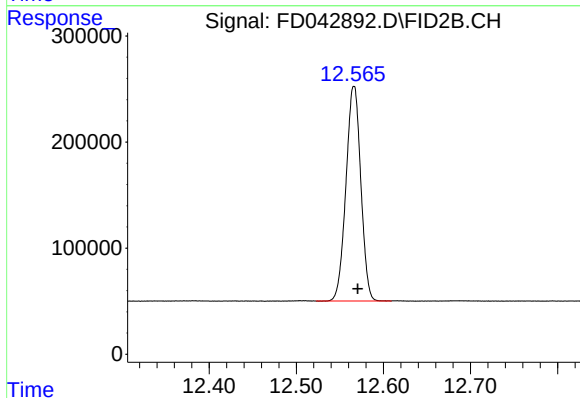
#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: -0.005 min
Response: 2433873
Conc: 16.17 ug/ml



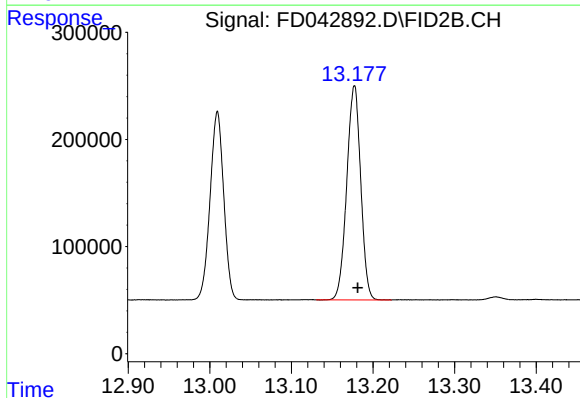
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.006 min
Response: 2607268
Conc: 15.70 ug/ml



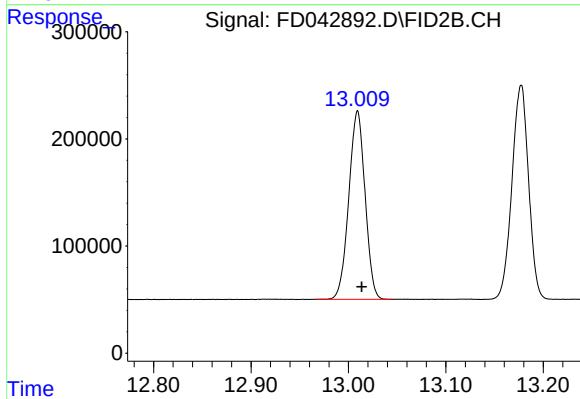
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: -0.005 min
Response: 2398462
Conc: 15.95 ug/ml



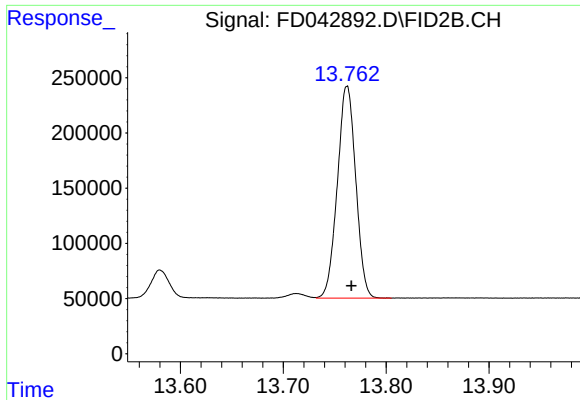
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: -0.004 min
Response: 2376407
Conc: 15.70 ug/ml



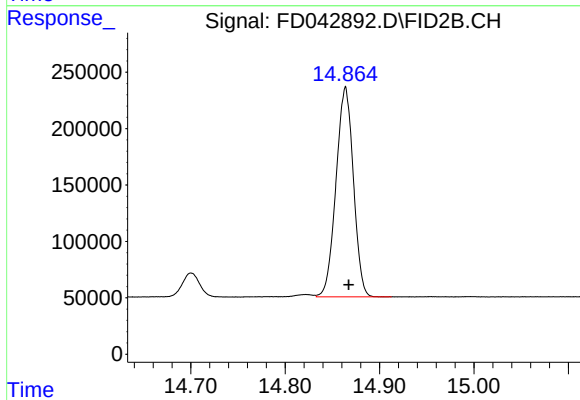
#12 1-chlorooctadecane (SURR)

R.T.: 13.009 min
Delta R.T.: -0.004 min
Response: 2039715
Conc: 15.62 ug/ml



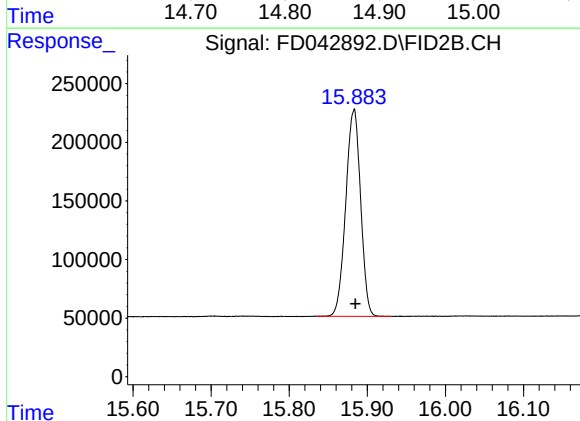
#13 n-Docosane (C22)

R.T.: 13.762 min
Delta R.T.: -0.004 min
Response: 2388101
Conc: 15.80 ug/ml



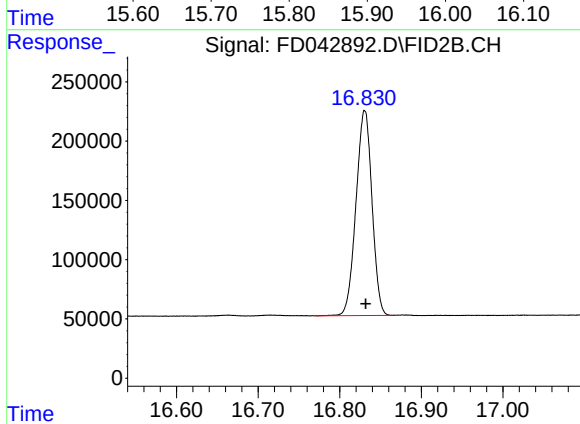
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.003 min
Response: 2377362
Conc: 15.84 ug/ml



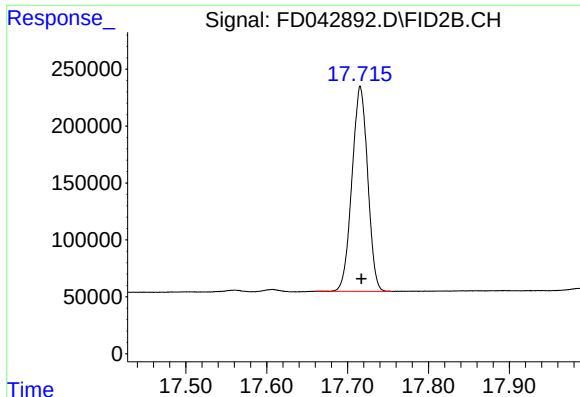
#15 n-Hexacosane (C26)

R.T.: 15.883 min
Delta R.T.: -0.002 min
Response: 2335754
Conc: 16.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.831 min
Delta R.T.: -0.001 min
Response: 2353896
Conc: 16.88 ug/ml



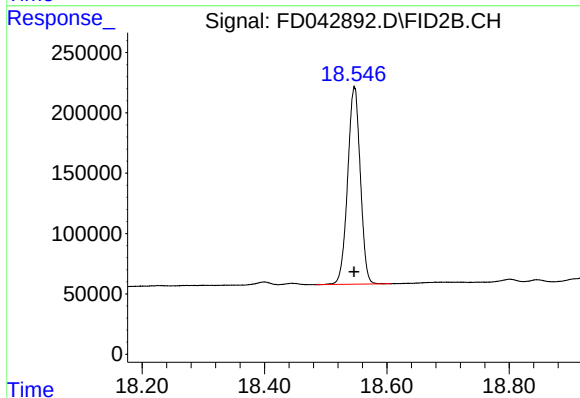
#17 n-Tricontane (C30)

R.T.: 17.716 min

Delta R.T.: -0.001 min

Response: 2431680

Conc: 18.60 ug/ml



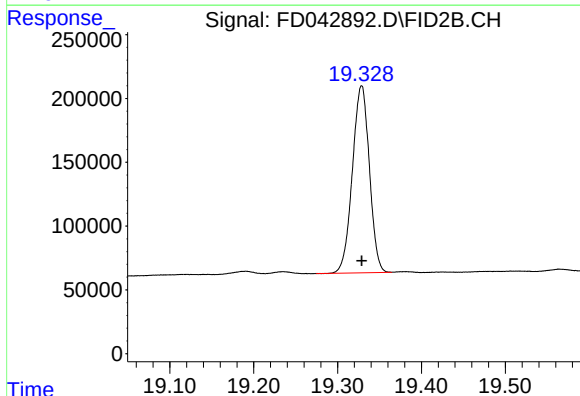
#18 n-Dotriacontane (C32)

R.T.: 18.547 min

Delta R.T.: 0.000 min

Response: 2345035

Conc: 19.86 ug/ml



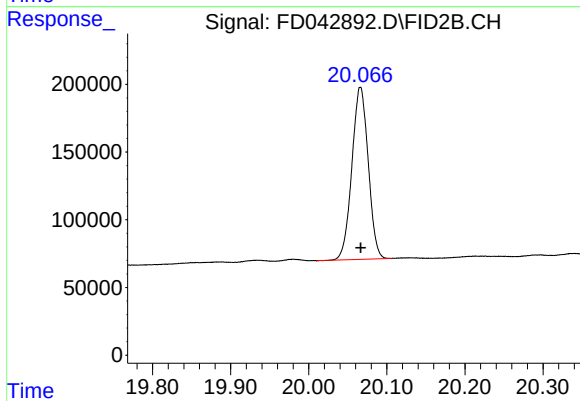
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min

Delta R.T.: 0.000 min

Response: 2062745

Conc: 19.40 ug/ml



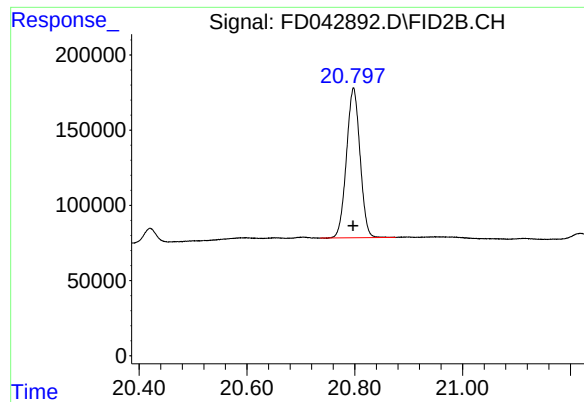
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min

Delta R.T.: 0.000 min

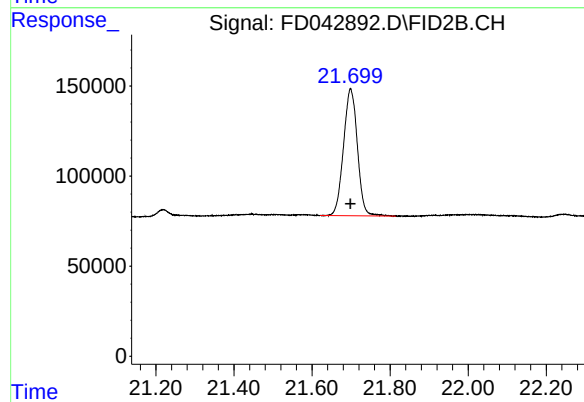
Response: 1847212

Conc: 18.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: 0.000 min
Response: 1740233
Conc: 19.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.699 min
Delta R.T.: 0.000 min
Response: 1739239
Conc: 21.46 ug/ml