

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110520AL\
 Data File : FD035380.D
 Signal(s) : FID2B.CH
 Acq On : 06 Nov 2020 11:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 12:05:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 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)	11.538	2478941	19.056 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
12) S 1-chlorooctadecane (S...	12.969	1973188	18.933 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.330	2211685	19.641 ug/ml
2) T n-Decane (C10)	4.394	2231564	19.748 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2435198	19.912 ug/ml
4) T n-Dodecane (C12)	6.403	2287938	19.789 ug/ml
5) T A~2-methylnaphthalene...	7.025	2481515	19.832 ug/ml
6) T n-Tetradecane (C14)	8.191	2297226	19.948 ug/ml
7) T n-Hexadecane (C16)	9.785	2259663	19.776 ug/ml
8) T n-Octadecane (C18)	11.222	2349791	19.472 ug/ml
10) T n-Eicosane (C20)	12.526	2348465	19.151 ug/ml
11) T n-Heneicosane (C21)	13.136	2326470	18.923 ug/ml
13) T n-Docosane (C22)	13.720	2307518	18.714 ug/ml
14) T n-Tetracosane (C24)	14.819	2252940	18.211 ug/ml
15) T n-Hexacosane (C26)	15.835	2162293	17.567 ug/ml
16) T n-Octacosane (C28)	16.780	2087515	16.955 ug/ml
17) T n-Tricontane (C30)	17.663	2014704	16.670 ug/ml
18) T n-Dotriacontane (C32)	18.490	1855645	16.504 ug/ml
19) T n-Tetratriacontane (C34)	19.269	1732249	16.504 ug/ml
20) T n-Hexatriacontane (C36)	20.005	1634209	17.059 ug/ml
21) T n-Octatriacontane (C38)	20.725	1557436	17.534 ug/ml
22) T n-Tetracontane (C40)	21.606	1588773	18.103 ug/ml

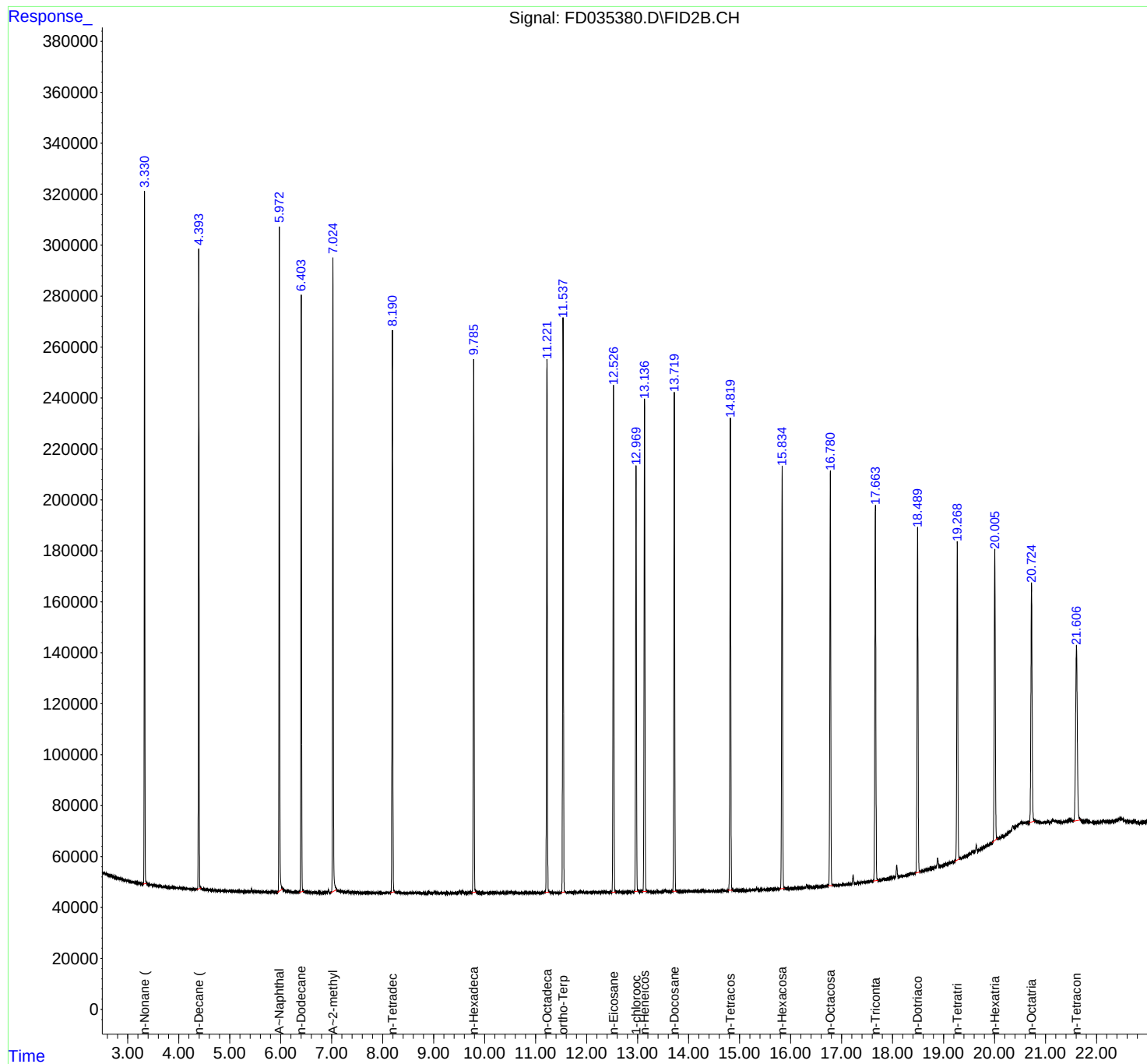
(f)=RT Delta > 1/2 Window

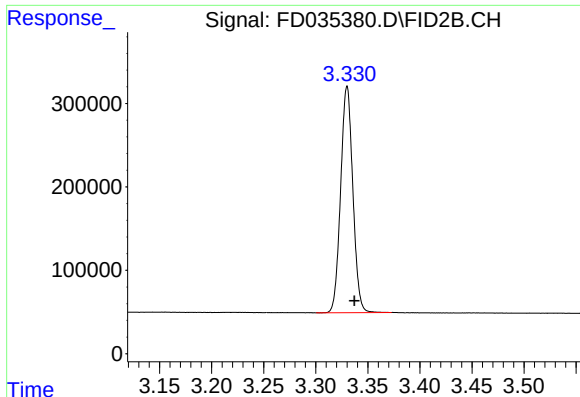
(m)=manual int.

```
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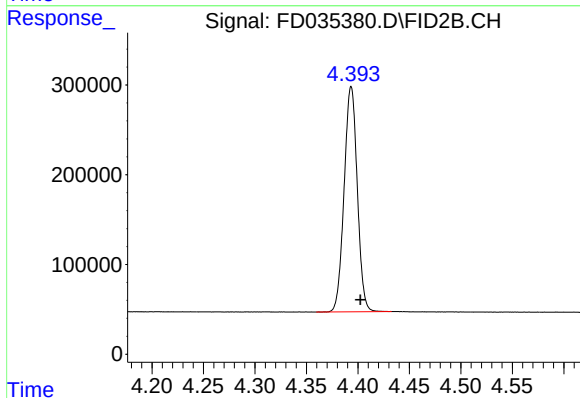
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Signal Info : 20M x 0.18mm x 0.18um





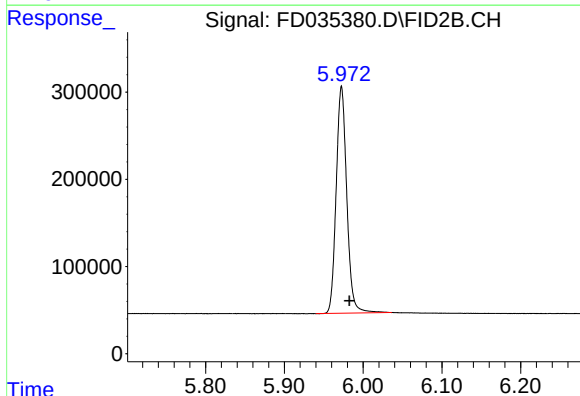
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.007 min
Response: 2211685
Conc: 19.64 ug/ml



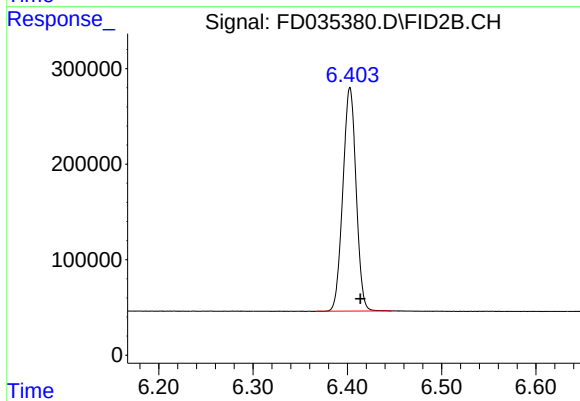
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.009 min
Response: 2231564
Conc: 19.75 ug/ml



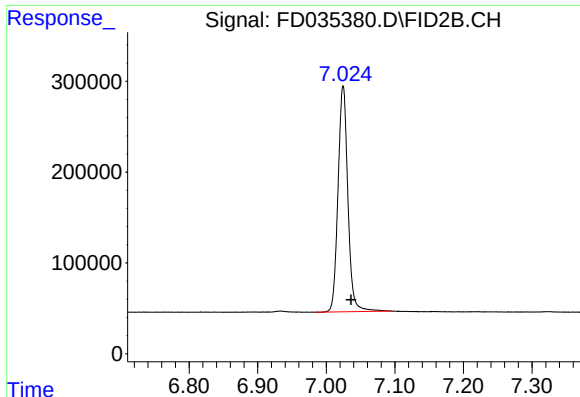
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.010 min
Response: 2435198
Conc: 19.91 ug/ml



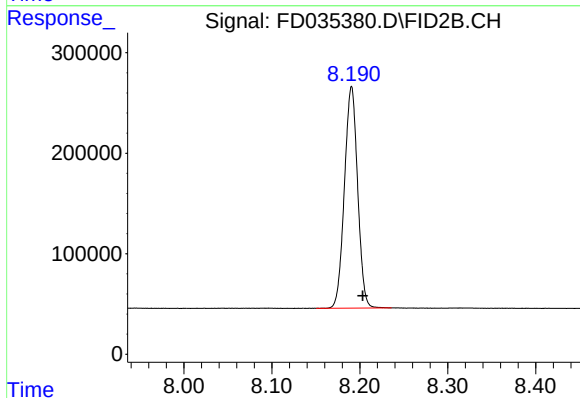
#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: -0.011 min
Response: 2287938
Conc: 19.79 ug/ml



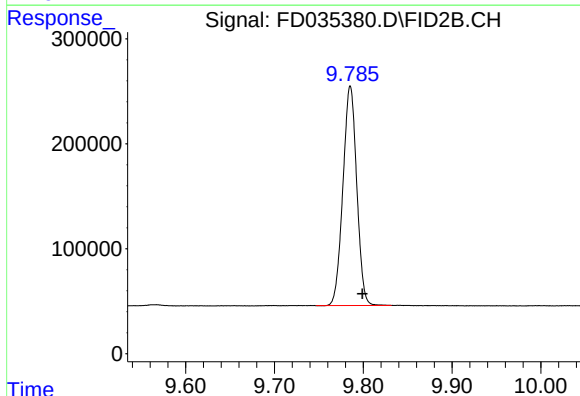
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.012 min
Response: 2481515
Conc: 19.83 ug/ml



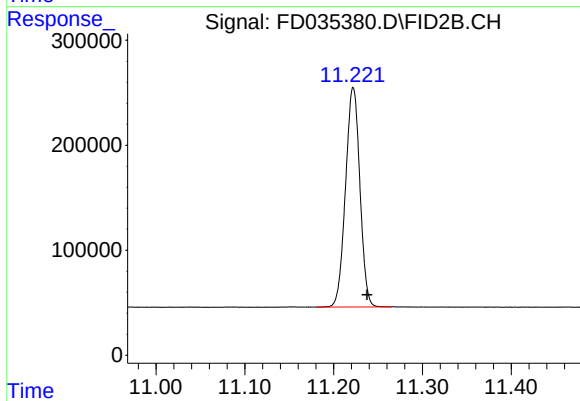
#6 n-Tetradecane (C14)

R.T.: 8.191 min
Delta R.T.: -0.013 min
Response: 2297226
Conc: 19.95 ug/ml



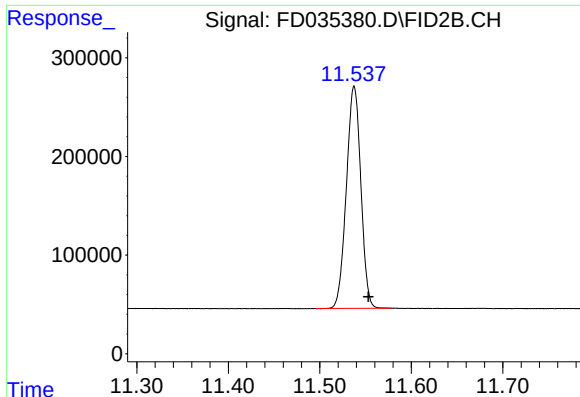
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.014 min
Response: 2259663
Conc: 19.78 ug/ml



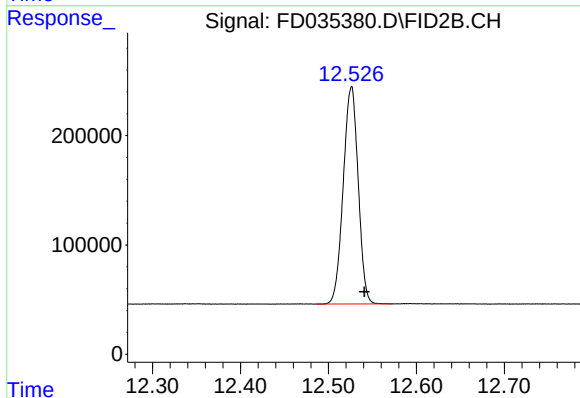
#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.015 min
Response: 2349791
Conc: 19.47 ug/ml



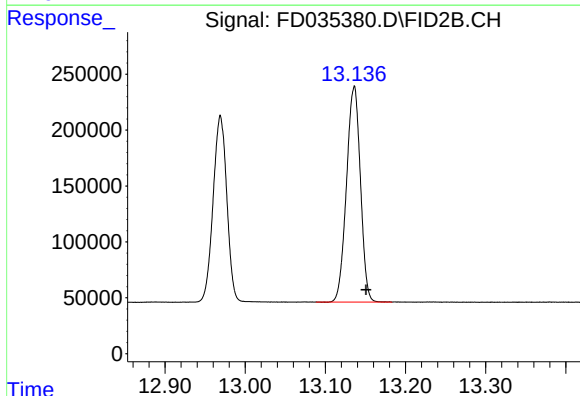
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.016 min
Response: 2478941
Conc: 19.06 ug/ml



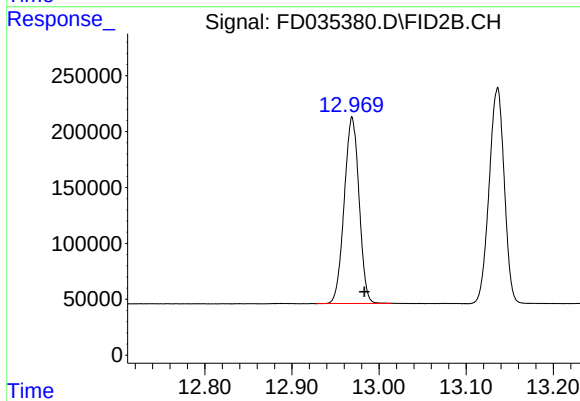
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.015 min
Response: 2348465
Conc: 19.15 ug/ml



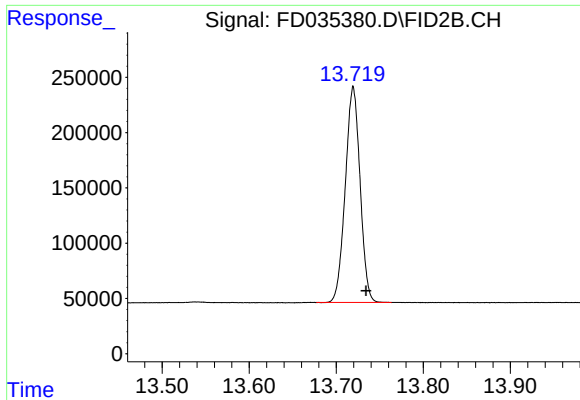
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.015 min
Response: 2326470
Conc: 18.92 ug/ml



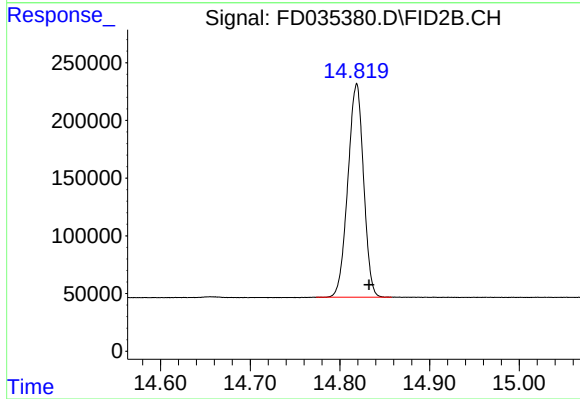
#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: -0.014 min
Response: 1973188
Conc: 18.93 ug/ml



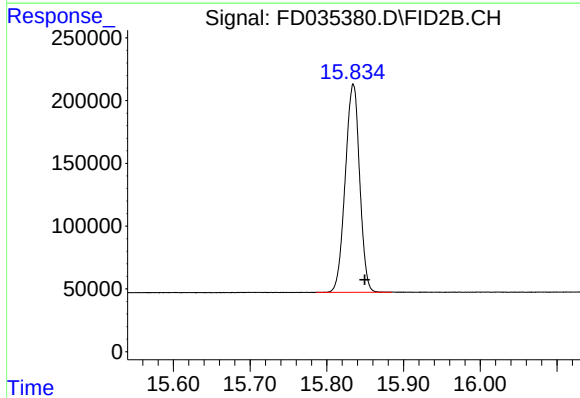
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.015 min
Response: 2307518
Conc: 18.71 ug/ml



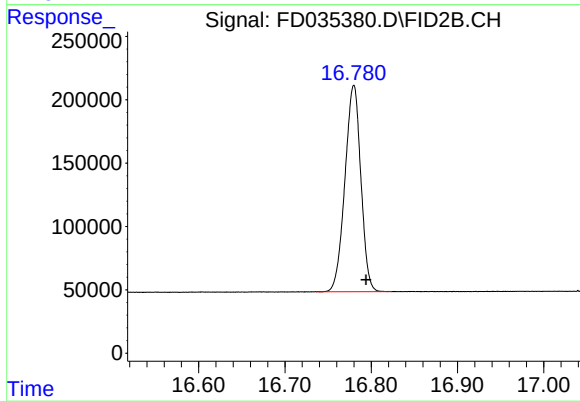
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.014 min
Response: 2252940
Conc: 18.21 ug/ml



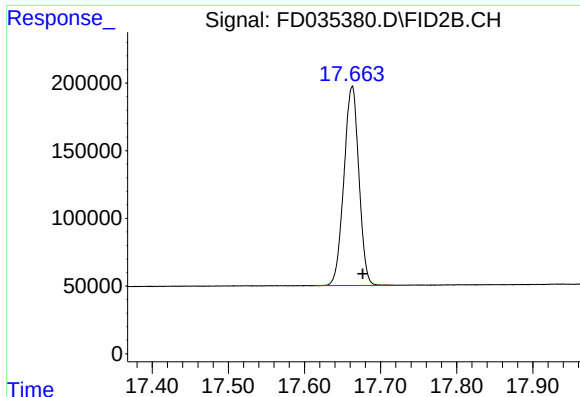
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.015 min
Response: 2162293
Conc: 17.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.780 min
Delta R.T.: -0.014 min
Response: 2087515
Conc: 16.96 ug/ml



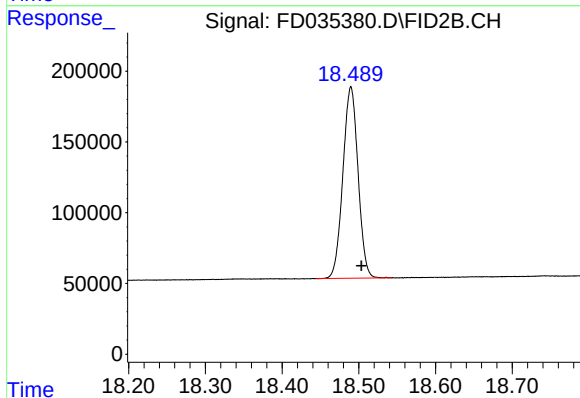
#17 n-Tricontane (C30)

R.T.: 17.663 min

Delta R.T.: -0.014 min

Response: 2014704

Conc: 16.67 ug/ml



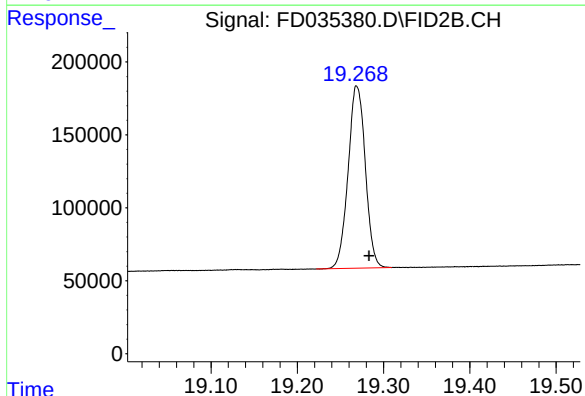
#18 n-Dotriacontane (C32)

R.T.: 18.490 min

Delta R.T.: -0.014 min

Response: 1855645

Conc: 16.50 ug/ml



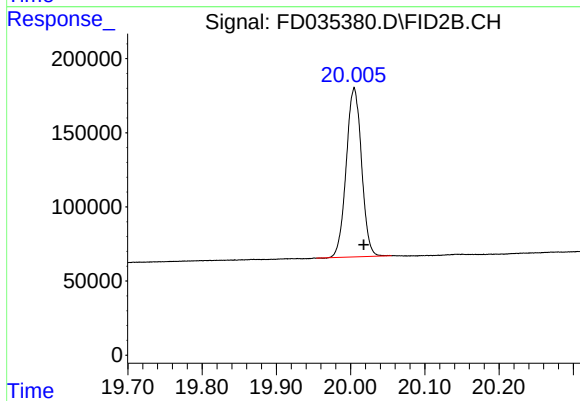
#19 n-Tetratriacontane (C34)

R.T.: 19.269 min

Delta R.T.: -0.014 min

Response: 1732249

Conc: 16.50 ug/ml



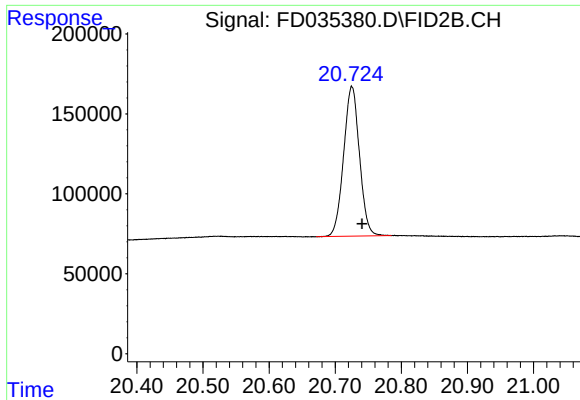
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min

Delta R.T.: -0.013 min

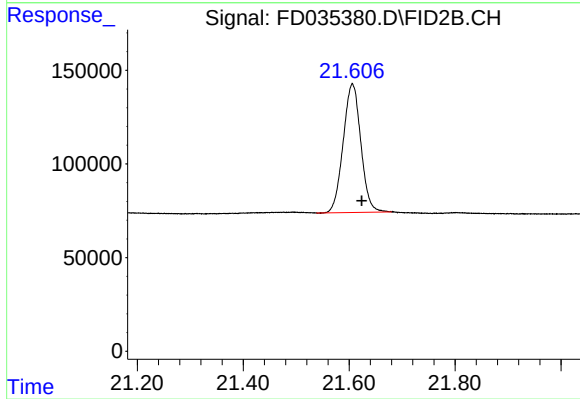
Response: 1634209

Conc: 17.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: -0.016 min
Response: 1557436
Conc: 17.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: -0.018 min
Response: 1588773
Conc: 18.10 ug/ml