

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020921AL\
 Data File : FC051930.D
 Signal(s) : FID1A.CH
 Acq On : 09 Feb 2021 12:10
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 10 00:08:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 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)	11.692	2490146	19.519 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	13.123	1980667	19.229 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.446	2305309	21.030 ug/ml
2) T n-Decane (C10)	4.516	2328731	21.071 ug/ml
3) T A~Naphthalene (C11.7)	6.108	2615293	20.975 ug/ml
4) T n-Dodecane (C12)	6.535	2376796	21.101 ug/ml
5) T A~2-methylnaphthalene...	7.165	2667903	20.872 ug/ml
6) T n-Tetradecane (C14)	8.331	2392508	21.006 ug/ml
7) T n-Hexadecane (C16)	9.929	2357656	20.754 ug/ml
8) T n-Octadecane (C18)	11.370	2419754	20.299 ug/ml
10) T n-Eicosane (C20)	12.678	2387728	19.739 ug/ml
11) T n-Heneicosane (C21)	13.288	2348541	19.332 ug/ml
13) T n-Docosane (C22)	13.873	2315050	19.036 ug/ml
14) T n-Tetracosane (C24)	14.976	2226163	18.266 ug/ml
15) T n-Hexacosane (C26)	15.996	2107224	17.605 ug/ml
16) T n-Octacosane (C28)	16.945	2004780	17.135 ug/ml
17) T n-Tricontane (C30)	17.834	1934145	17.226 ug/ml
18) T n-Dotriacontane (C32)	18.665	1859424	17.970 ug/ml
19) T n-Tetratriacontane (C34)	19.447	1843337	19.477 ug/ml
20) T n-Hexatriacontane (C36)	20.187	1814119	20.833 ug/ml
21) T n-Octatriacontane (C38)	20.941	1761230	21.460 ug/ml
22) T n-Tetracontane (C40)	21.887	1830342	21.424 ug/ml

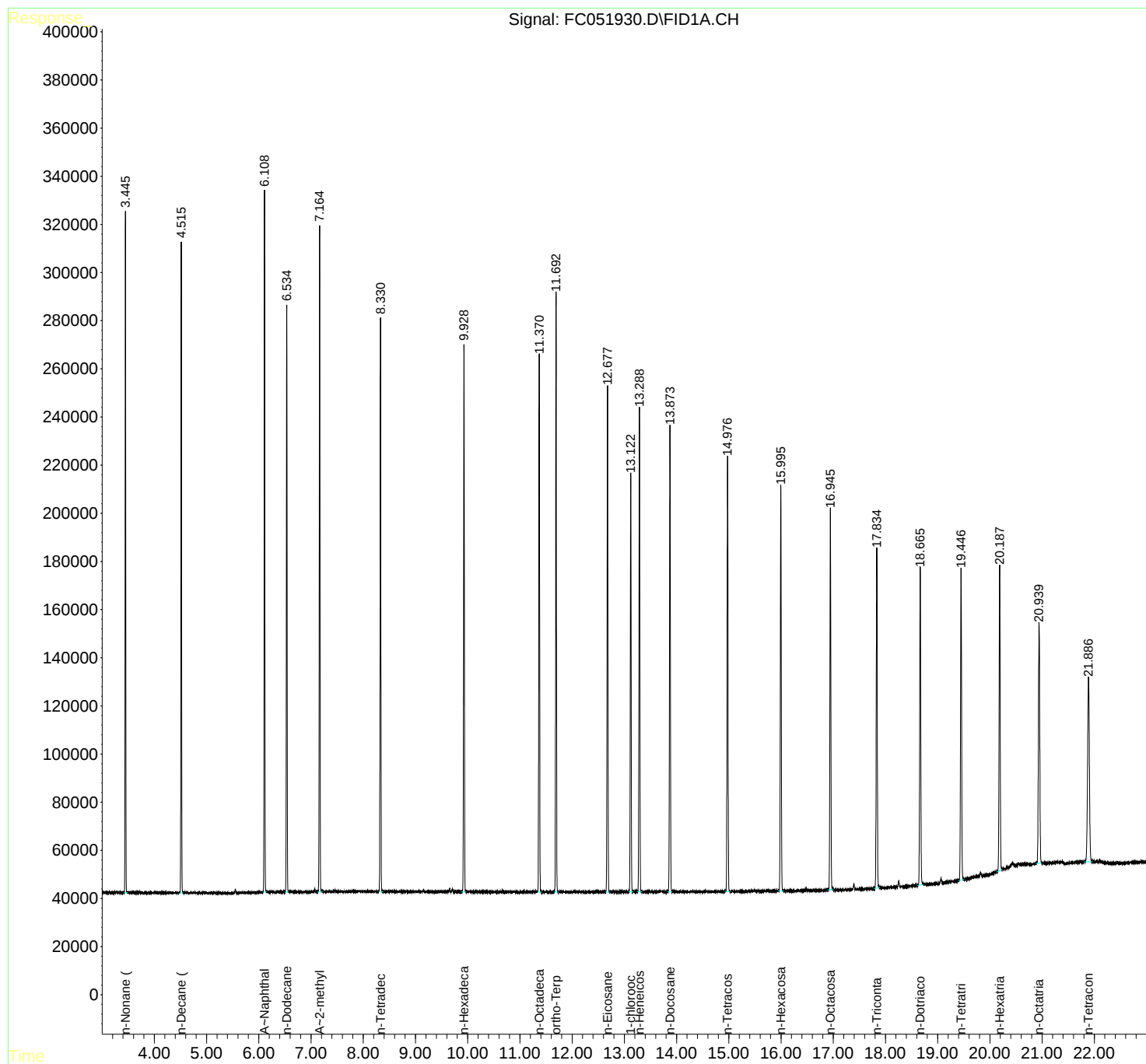
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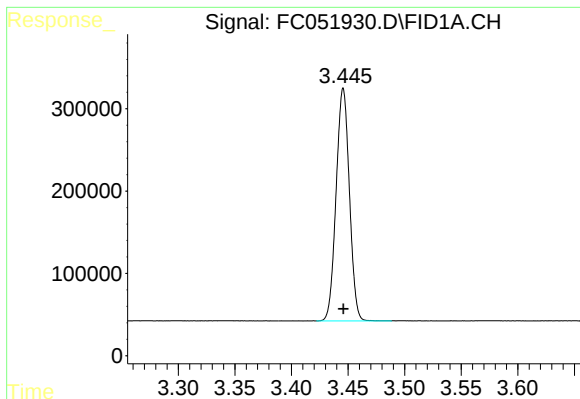
(m)=manual int.

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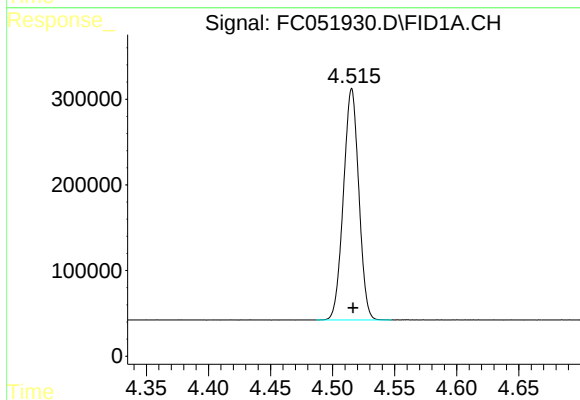
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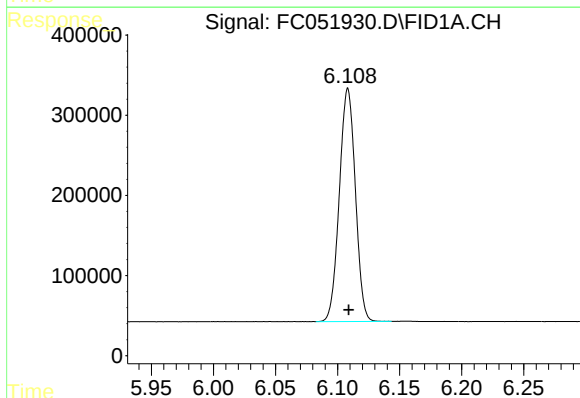
#1 n-Nonane (C9)

R.T.: 3.446 min
Delta R.T.: 0.000 min
Response: 2305309
Conc: 21.03 ug/ml



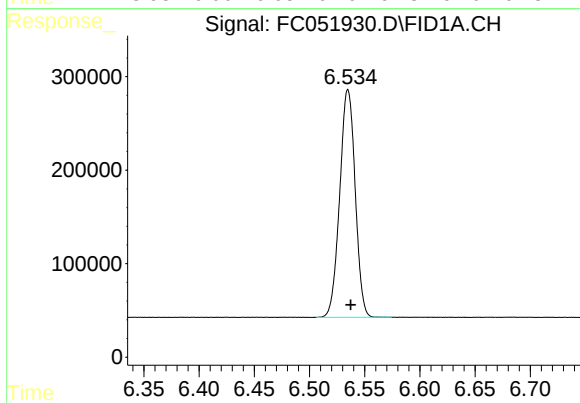
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.001 min
Response: 2328731
Conc: 21.07 ug/ml



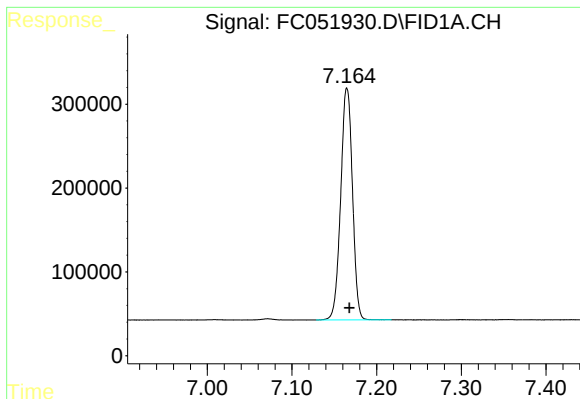
#3 A~Naphthalene (C11.7)

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 2615293
Conc: 20.97 ug/ml



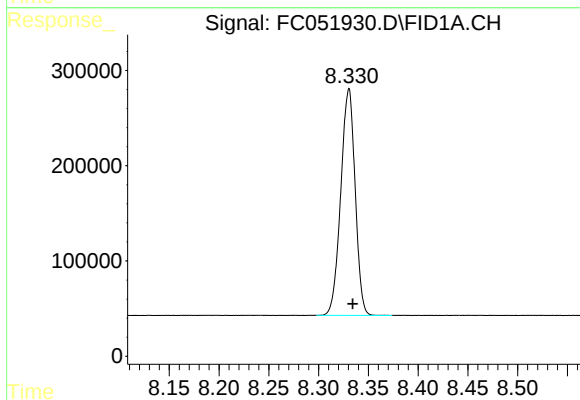
#4 n-Dodecane (C12)

R.T.: 6.535 min
Delta R.T.: -0.003 min
Response: 2376796
Conc: 21.10 ug/ml



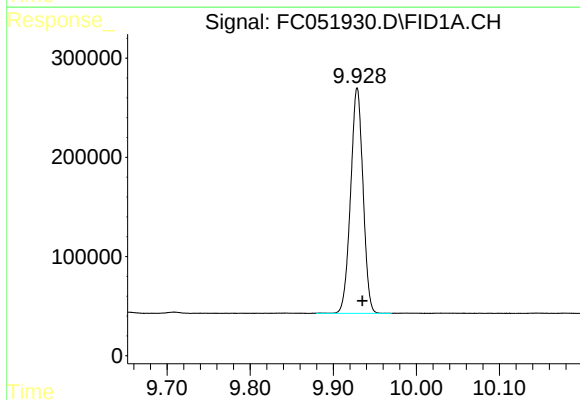
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.165 min
Delta R.T.: -0.003 min
Response: 2667903
Conc: 20.87 ug/ml



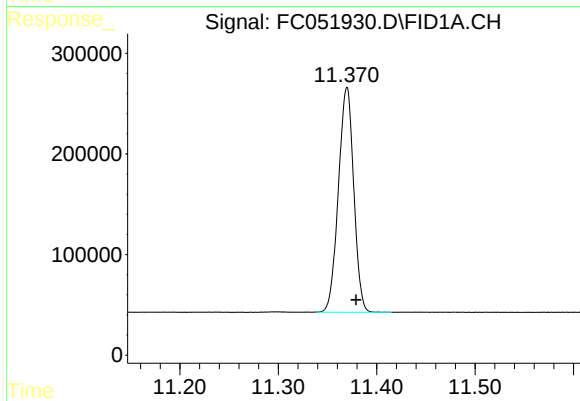
#6 n-Tetradecane (C14)

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 2392508
Conc: 21.01 ug/ml



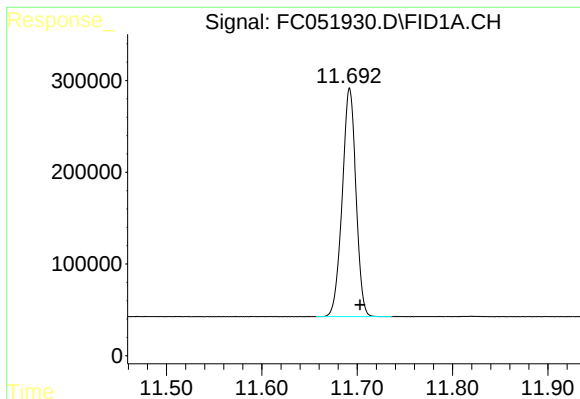
#7 n-Hexadecane (C16)

R.T.: 9.929 min
Delta R.T.: -0.006 min
Response: 2357656
Conc: 20.75 ug/ml



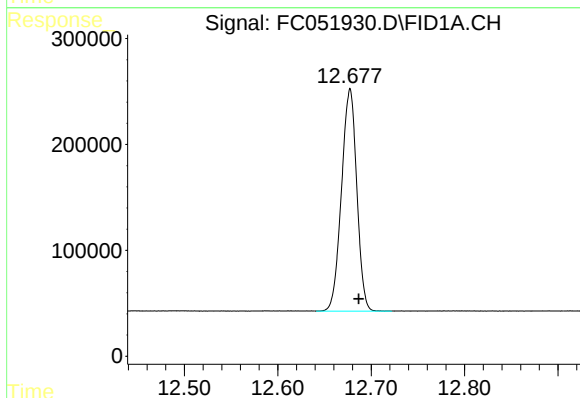
#8 n-Octadecane (C18)

R.T.: 11.370 min
Delta R.T.: -0.009 min
Response: 2419754
Conc: 20.30 ug/ml



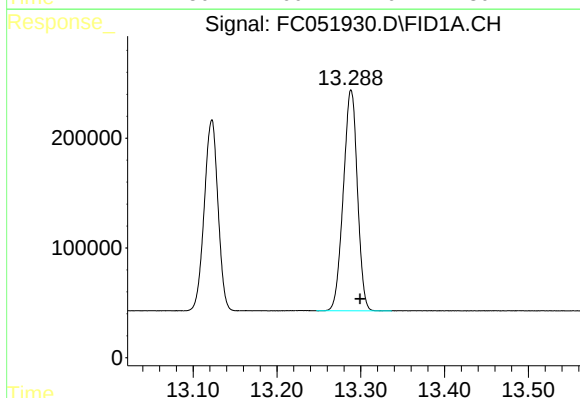
#9 ortho-Terphenyl (SURR)

R.T.: 11.692 min
Delta R.T.: -0.011 min
Response: 2490146
Conc: 19.52 ug/ml



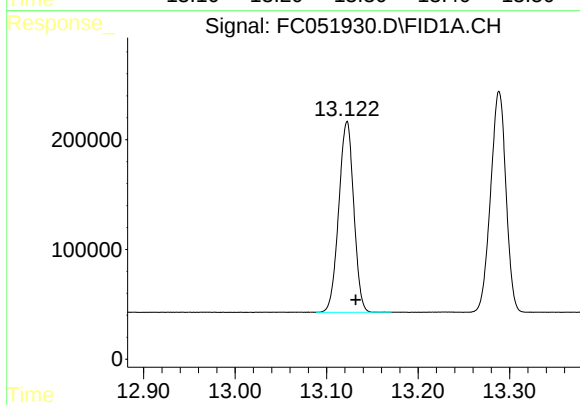
#10 n-Eicosane (C20)

R.T.: 12.678 min
Delta R.T.: -0.009 min
Response: 2387728
Conc: 19.74 ug/ml



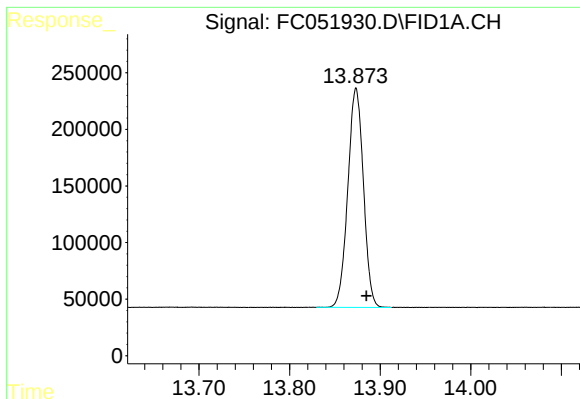
#11 n-Heneicosane (C21)

R.T.: 13.288 min
Delta R.T.: -0.011 min
Response: 2348541
Conc: 19.33 ug/ml



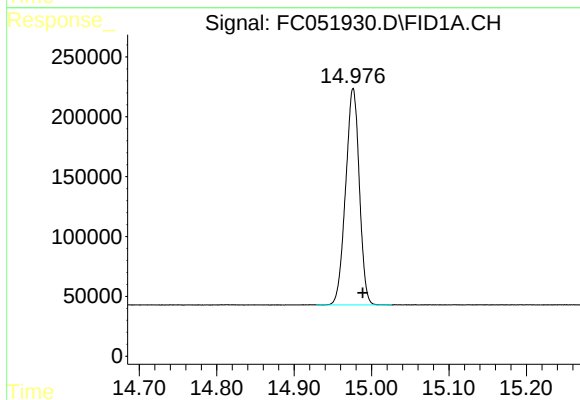
#12 1-chlorooctadecane (SURR)

R.T.: 13.123 min
Delta R.T.: -0.009 min
Response: 1980667
Conc: 19.23 ug/ml



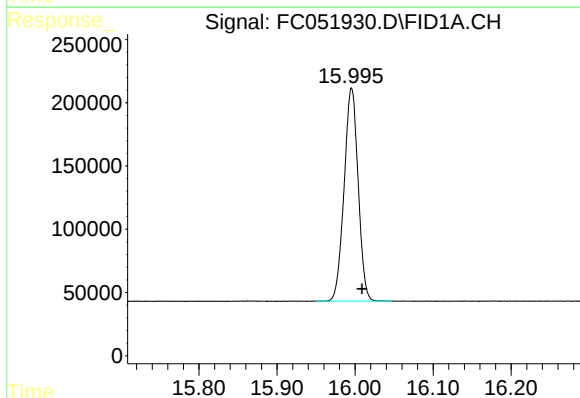
#13 n-Docosane (C22)

R.T.: 13.873 min
Delta R.T.: -0.011 min
Response: 2315050
Conc: 19.04 ug/ml



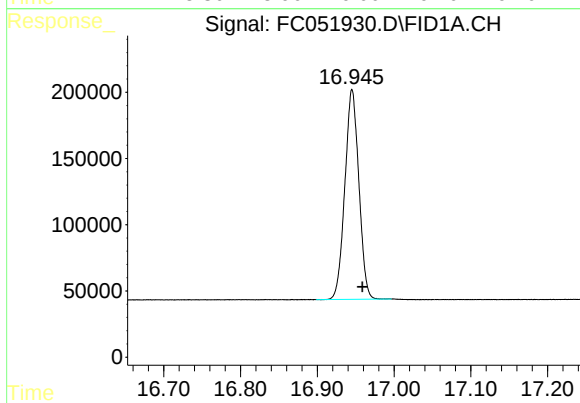
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: -0.012 min
Response: 2226163
Conc: 18.27 ug/ml



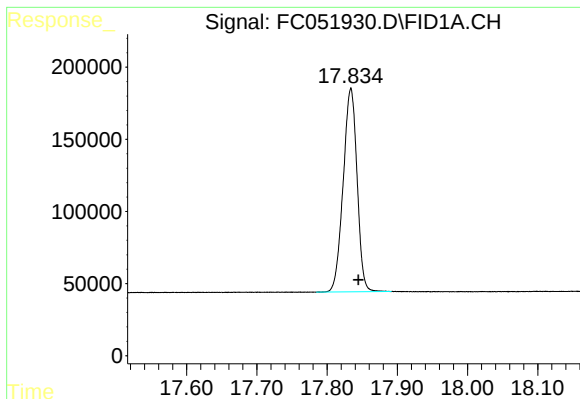
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: -0.013 min
Response: 2107224
Conc: 17.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.013 min
Response: 2004780
Conc: 17.14 ug/ml



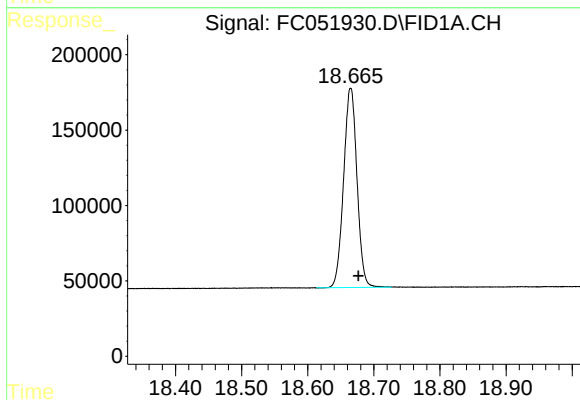
#17 n-Tricontane (C30)

R.T.: 17.834 min

Delta R.T.: -0.011 min

Response: 1934145

Conc: 17.23 ug/ml



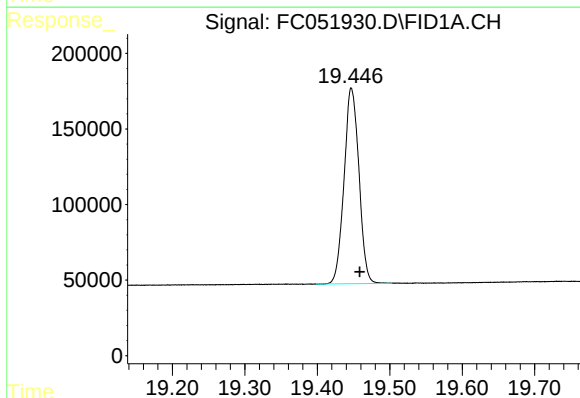
#18 n-Dotriacontane (C32)

R.T.: 18.665 min

Delta R.T.: -0.012 min

Response: 1859424

Conc: 17.97 ug/ml



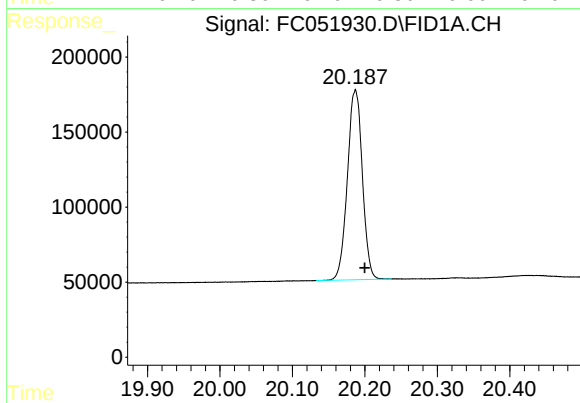
#19 n-Tetratriacontane (C34)

R.T.: 19.447 min

Delta R.T.: -0.012 min

Response: 1843337

Conc: 19.48 ug/ml



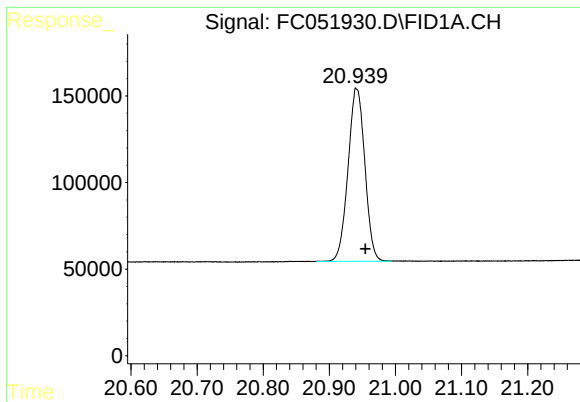
#20 n-Hexatriacontane (C36)

R.T.: 20.187 min

Delta R.T.: -0.013 min

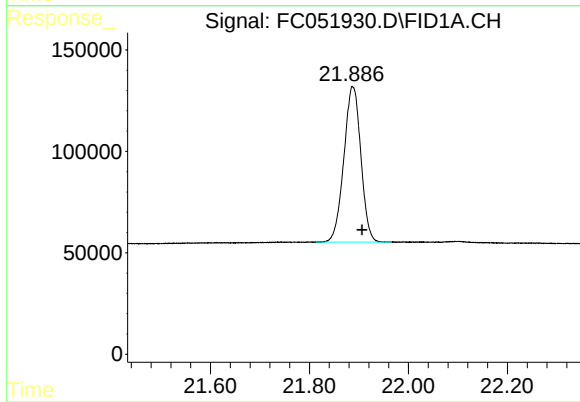
Response: 1814119

Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.941 min
Delta R.T.: -0.013 min
Response: 1761230
Conc: 21.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.887 min
Delta R.T.: -0.019 min
Response: 1830342
Conc: 21.42 ug/ml