

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012821AL\
 Data File : FC051841.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jan 2021 9:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 09:42:52 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	2468714	19.351 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
12) S 1-chlorooctadecane (S...	13.123	1965309	19.080 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T n-Nonane (C9)	3.443	2285911	20.853 ug/ml
2) T n-Decane (C10)	4.513	2315253	20.949 ug/ml
3) T A~Naphthalene (C11.7)	6.105	2602156	20.870 ug/ml
4) T n-Dodecane (C12)	6.532	2358091	20.935 ug/ml
5) T A~2-methylnaphthalene...	7.162	2655340	20.774 ug/ml
6) T n-Tetradecane (C14)	8.328	2372978	20.835 ug/ml
7) T n-Hexadecane (C16)	9.928	2329618	20.507 ug/ml
8) T n-Octadecane (C18)	11.370	2393608	20.079 ug/ml
10) T n-Eicosane (C20)	12.678	2359400	19.505 ug/ml
11) T n-Heneicosane (C21)	13.290	2321302	19.108 ug/ml
13) T n-Docosane (C22)	13.876	2283219	18.774 ug/ml
14) T n-Tetracosane (C24)	14.977	2192379	17.989 ug/ml
15) T n-Hexacosane (C26)	15.998	2077177	17.354 ug/ml
16) T n-Octacosane (C28)	16.949	1992488	17.030 ug/ml
17) T n-Tricontane (C30)	17.835	1943624	17.310 ug/ml
18) T n-Dotriacontane (C32)	18.668	1876463	18.135 ug/ml
19) T n-Tetratriacontane (C34)	19.450	1843261	19.476 ug/ml
20) T n-Hexatriacontane (C36)	20.190	1801715	20.690 ug/ml
21) T n-Octatriacontane (C38)	20.945	1729094	21.068 ug/ml
22) T n-Tetracontane (C40)	21.889	1784388	20.886 ug/ml

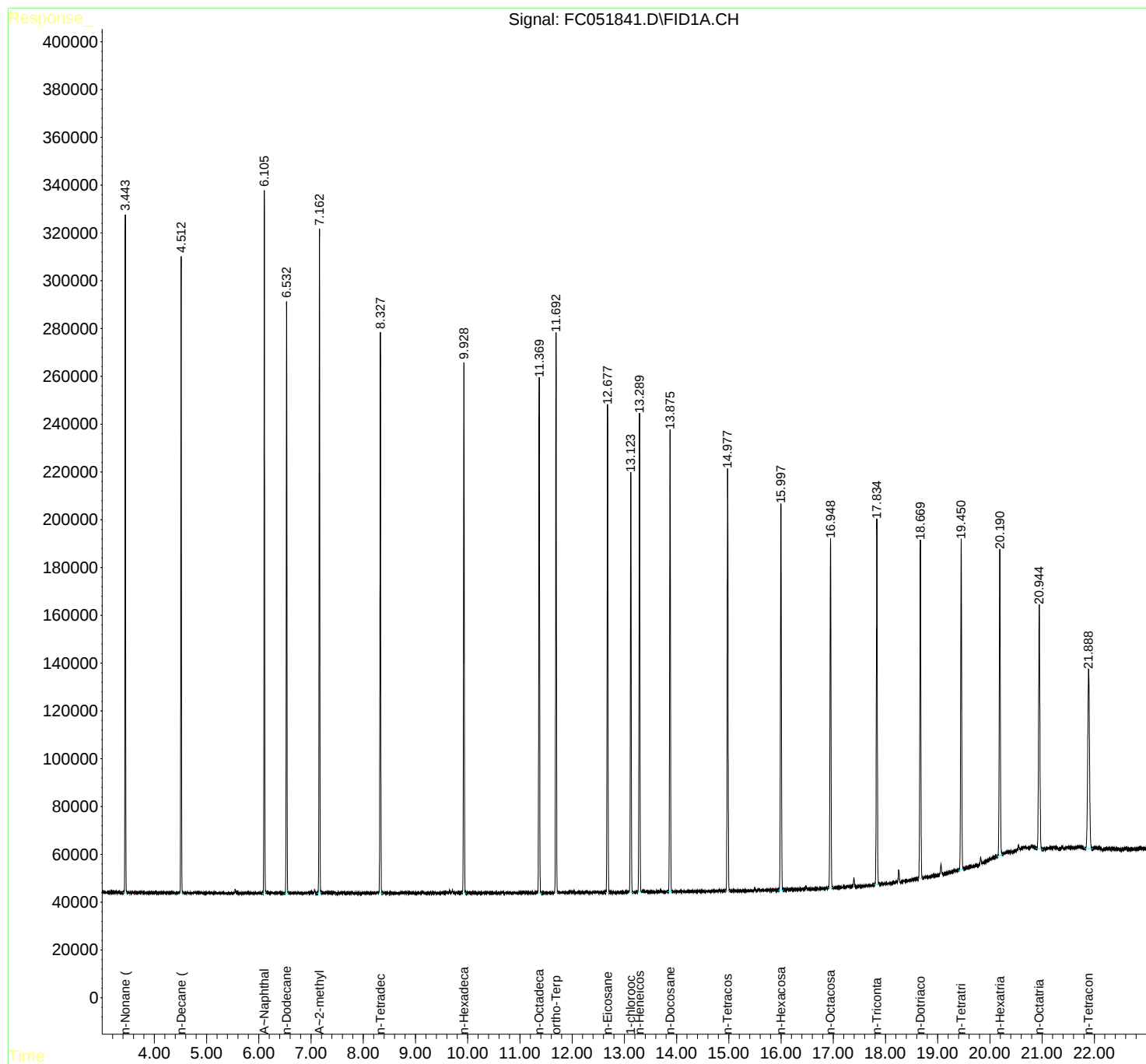
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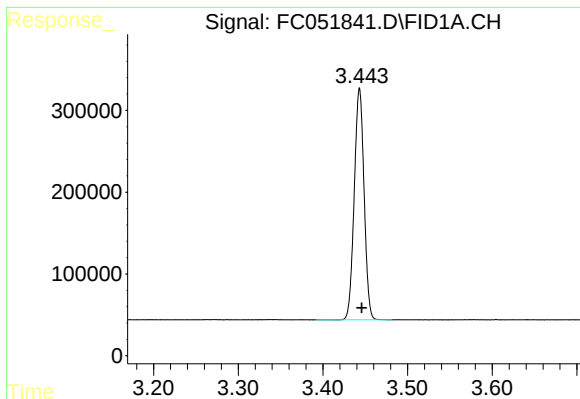
(m)=manual int.

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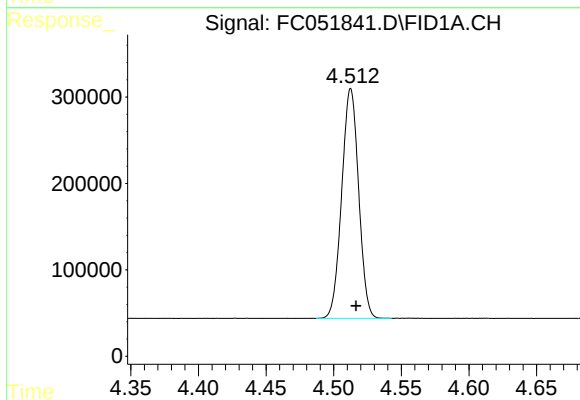
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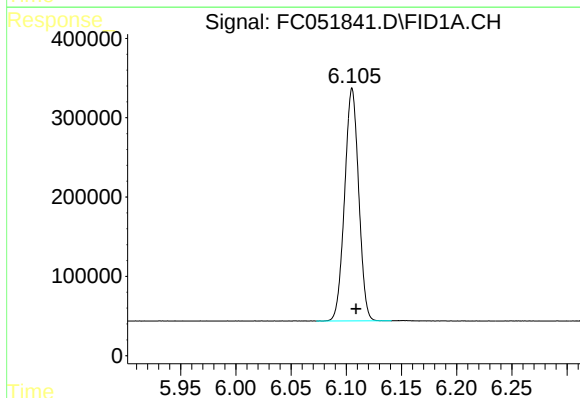
#1 n-Nonane (C9)

R.T.: 3.443 min
Delta R.T.: -0.003 min
Response: 2285911
Conc: 20.85 ug/ml



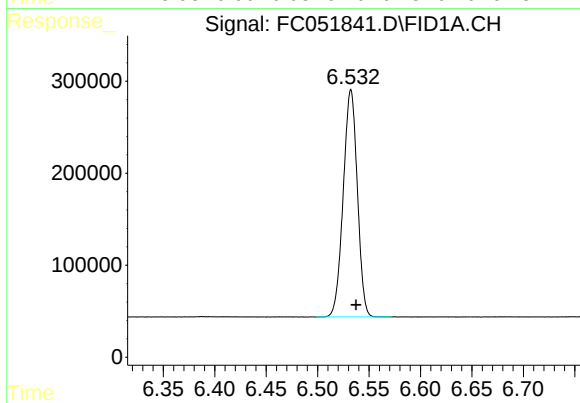
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 2315253
Conc: 20.95 ug/ml



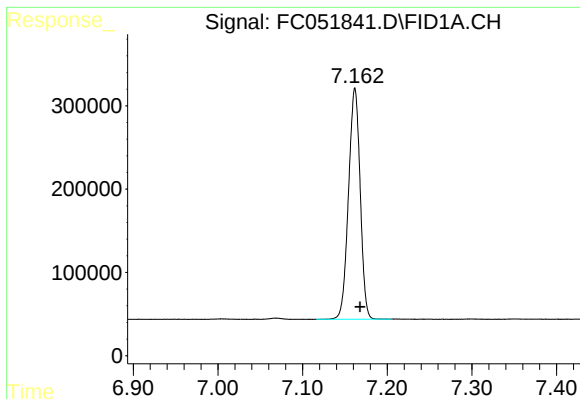
#3 A~Naphthalene (C11.7)

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 2602156
Conc: 20.87 ug/ml



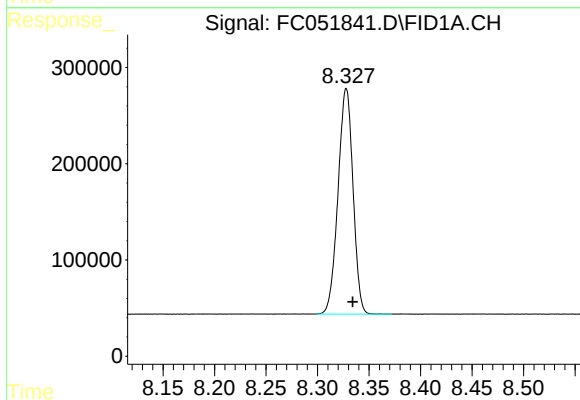
#4 n-Dodecane (C12)

R.T.: 6.532 min
Delta R.T.: -0.005 min
Response: 2358091
Conc: 20.94 ug/ml



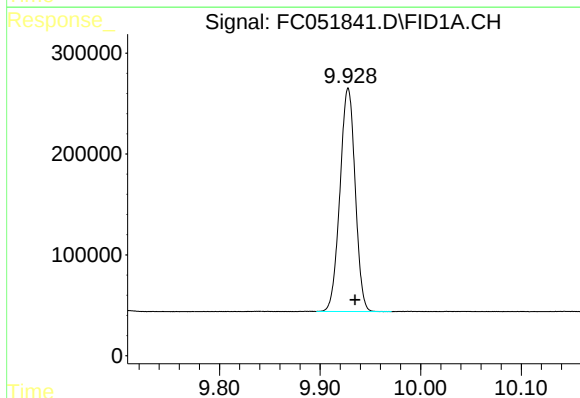
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.162 min
Delta R.T.: -0.006 min
Response: 2655340
Conc: 20.77 ug/ml



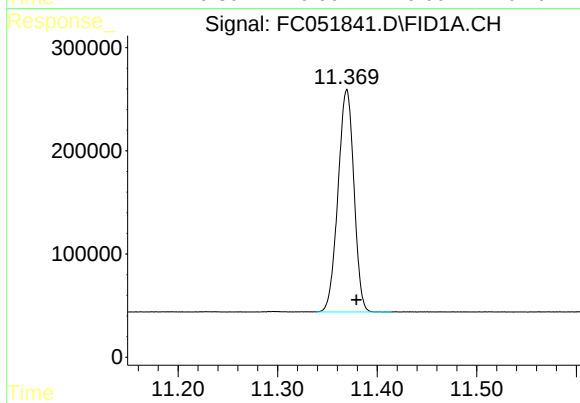
#6 n-Tetradecane (C14)

R.T.: 8.328 min
Delta R.T.: -0.006 min
Response: 2372978
Conc: 20.83 ug/ml



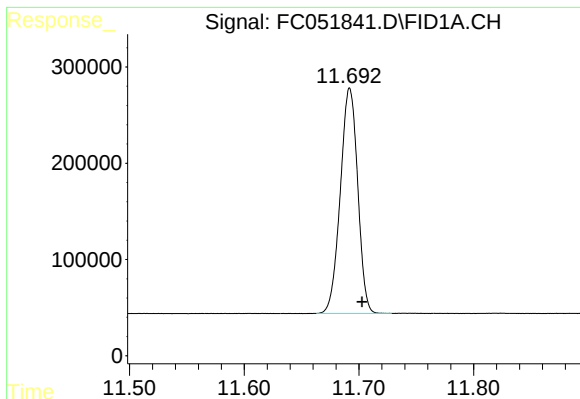
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.007 min
Response: 2329618
Conc: 20.51 ug/ml



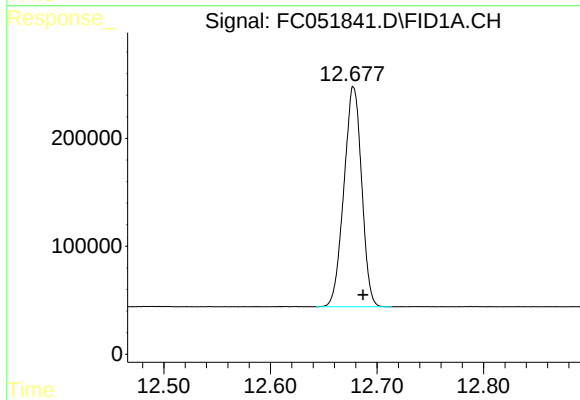
#8 n-Octadecane (C18)

R.T.: 11.370 min
Delta R.T.: -0.009 min
Response: 2393608
Conc: 20.08 ug/ml



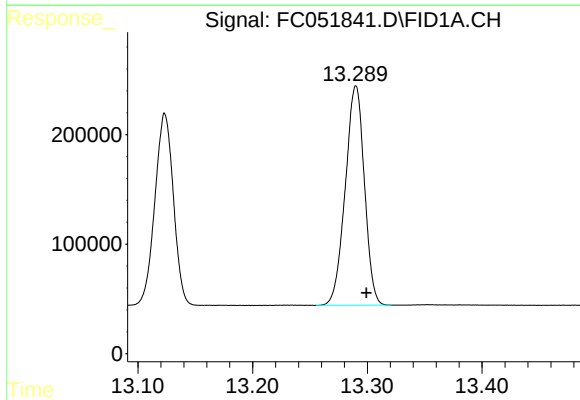
#9 ortho-Terphenyl (SURR)

R.T.: 11.692 min
Delta R.T.: -0.011 min
Response: 2468714
Conc: 19.35 ug/ml



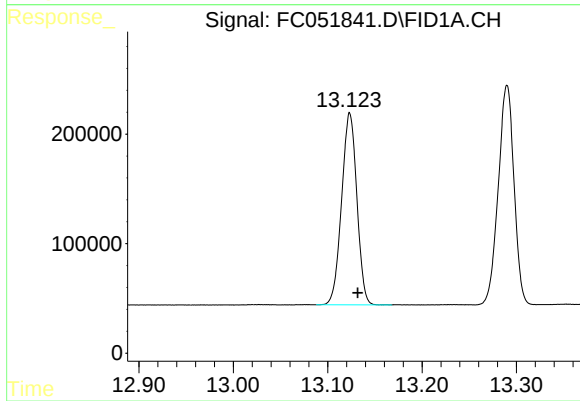
#10 n-Eicosane (C20)

R.T.: 12.678 min
Delta R.T.: -0.009 min
Response: 2359400
Conc: 19.50 ug/ml



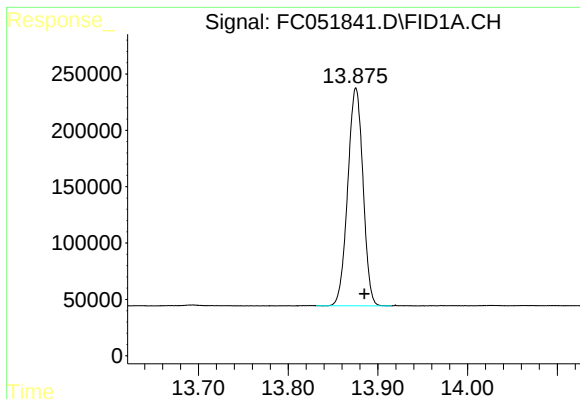
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: -0.009 min
Response: 2321302
Conc: 19.11 ug/ml



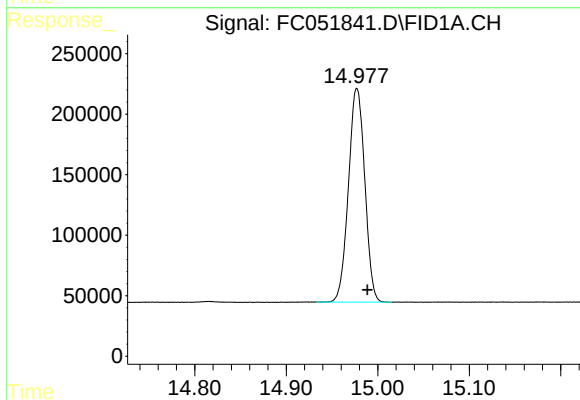
#12 1-chlorooctadecane (SURR)

R.T.: 13.123 min
Delta R.T.: -0.008 min
Response: 1965309
Conc: 19.08 ug/ml



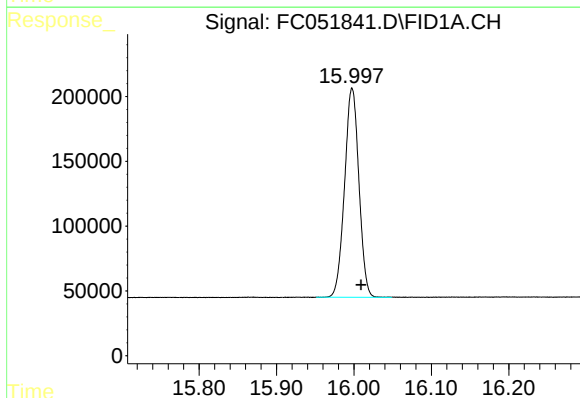
#13 n-Docosane (C22)

R.T.: 13.876 min
Delta R.T.: -0.009 min
Response: 2283219
Conc: 18.77 ug/ml



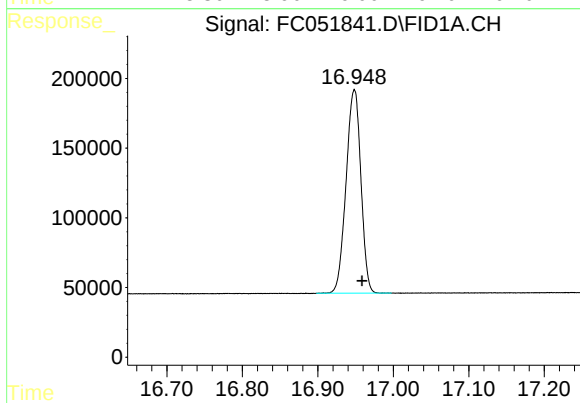
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: -0.011 min
Response: 2192379
Conc: 17.99 ug/ml



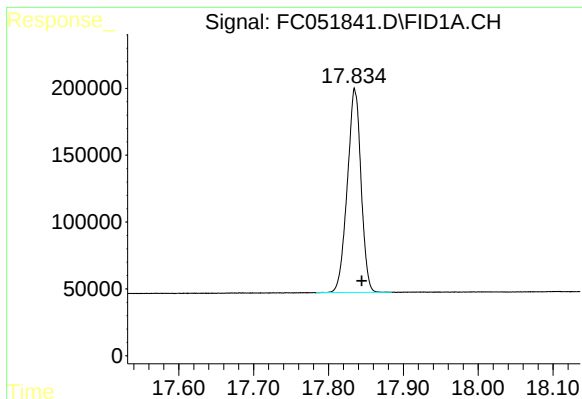
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.011 min
Response: 2077177
Conc: 17.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.010 min
Response: 1992488
Conc: 17.03 ug/ml



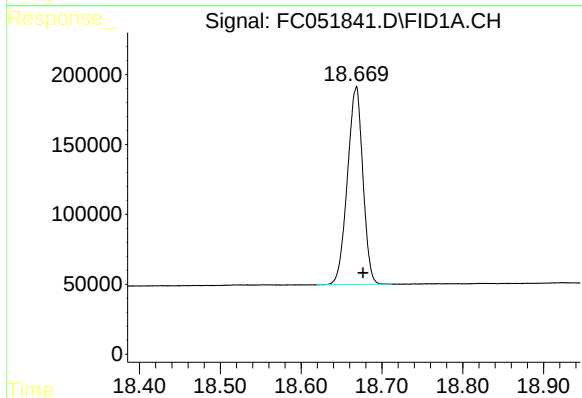
#17 n-Tricontane (C30)

R.T.: 17.835 min

Delta R.T.: -0.010 min

Response: 1943624

Conc: 17.31 ug/ml



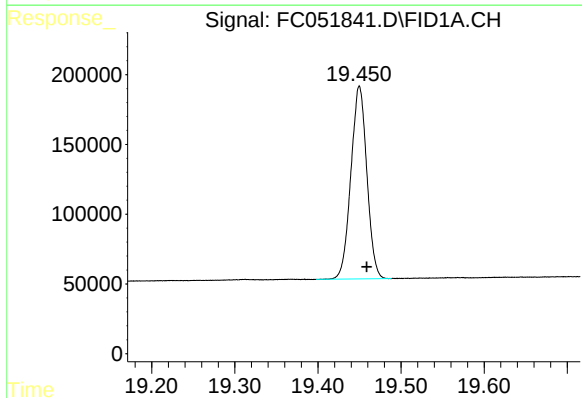
#18 n-Dotriacontane (C32)

R.T.: 18.668 min

Delta R.T.: -0.009 min

Response: 1876463

Conc: 18.13 ug/ml



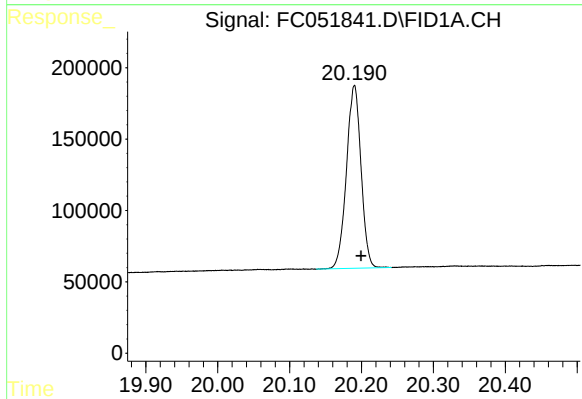
#19 n-Tetratriacontane (C34)

R.T.: 19.450 min

Delta R.T.: -0.009 min

Response: 1843261

Conc: 19.48 ug/ml



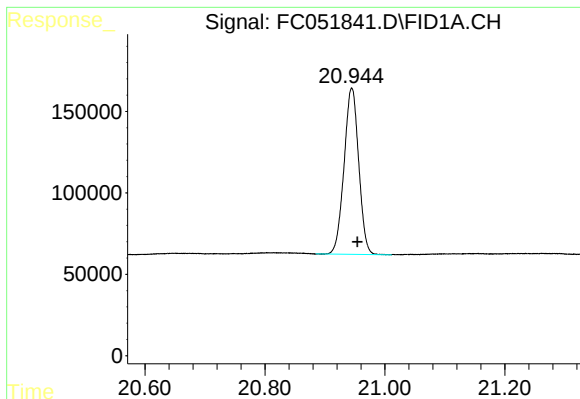
#20 n-Hexatriacontane (C36)

R.T.: 20.190 min

Delta R.T.: -0.009 min

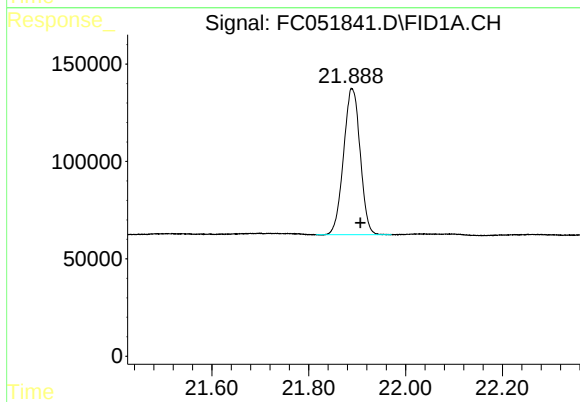
Response: 1801715

Conc: 20.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.945 min
Delta R.T.: -0.010 min
Response: 1729094
Conc: 21.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.889 min
Delta R.T.: -0.017 min
Response: 1784388
Conc: 20.89 ug/ml