

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110419AL\
 Data File : FC044351.D
 Signal(s) : FID1A.CH
 Acq On : 05 Nov 2019 2:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 05 04:02:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.720	2617527	17.958 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
12) S 1-chlorooctadecane (S...	13.150	1955133	17.486 ug/ml
Spiked Amount 50.000		Recovery =	34.97%
Target Compounds			
1) T n-Nonane (C9)	3.450	2525531	22.927 ug/ml
2) T n-Decane (C10)	4.527	2590161	23.320 ug/ml
3) T A~Naphthalene (C11.7)	6.127	2845718	22.872 ug/ml
4) T n-Dodecane (C12)	6.551	2607062	23.181 ug/ml
5) T A~2-methylnaphthalene...	7.185	2855242	22.642 ug/ml
6) T n-Tetradecane (C14)	8.348	2571520	22.730 ug/ml
7) T n-Hexadecane (C16)	9.950	2521715	22.070 ug/ml
8) T n-Octadecane (C18)	11.394	2446541	21.368 ug/ml
10) T n-Eicosane (C20)	12.704	2350286	20.608 ug/ml
11) T n-Heneicosane (C21)	13.314	2314504	20.179 ug/ml
13) T n-Docosane (C22)	13.902	2260290	19.904 ug/ml
14) T n-Tetracosane (C24)	15.005	2191564	19.380 ug/ml
15) T n-Hexacosane (C26)	16.027	2144732	19.385 ug/ml
16) T n-Octacosane (C28)	16.975	2120417	19.574 ug/ml
17) T n-Tricontane (C30)	17.865	2125780	20.086 ug/ml
18) T n-Dotriacontane (C32)	18.697	2084924	20.702 ug/ml
19) T n-Tetratriacontane (C34)	19.481	2063900	22.011 ug/ml
20) T n-Hexatriacontane (C36)	20.221	2056847	23.694 ug/ml
21) T n-Octatriacontane (C38)	20.988	1937425	24.026 ug/mlm
22) T n-Tetracontane (C40)	21.955	1955324	23.132 ug/ml

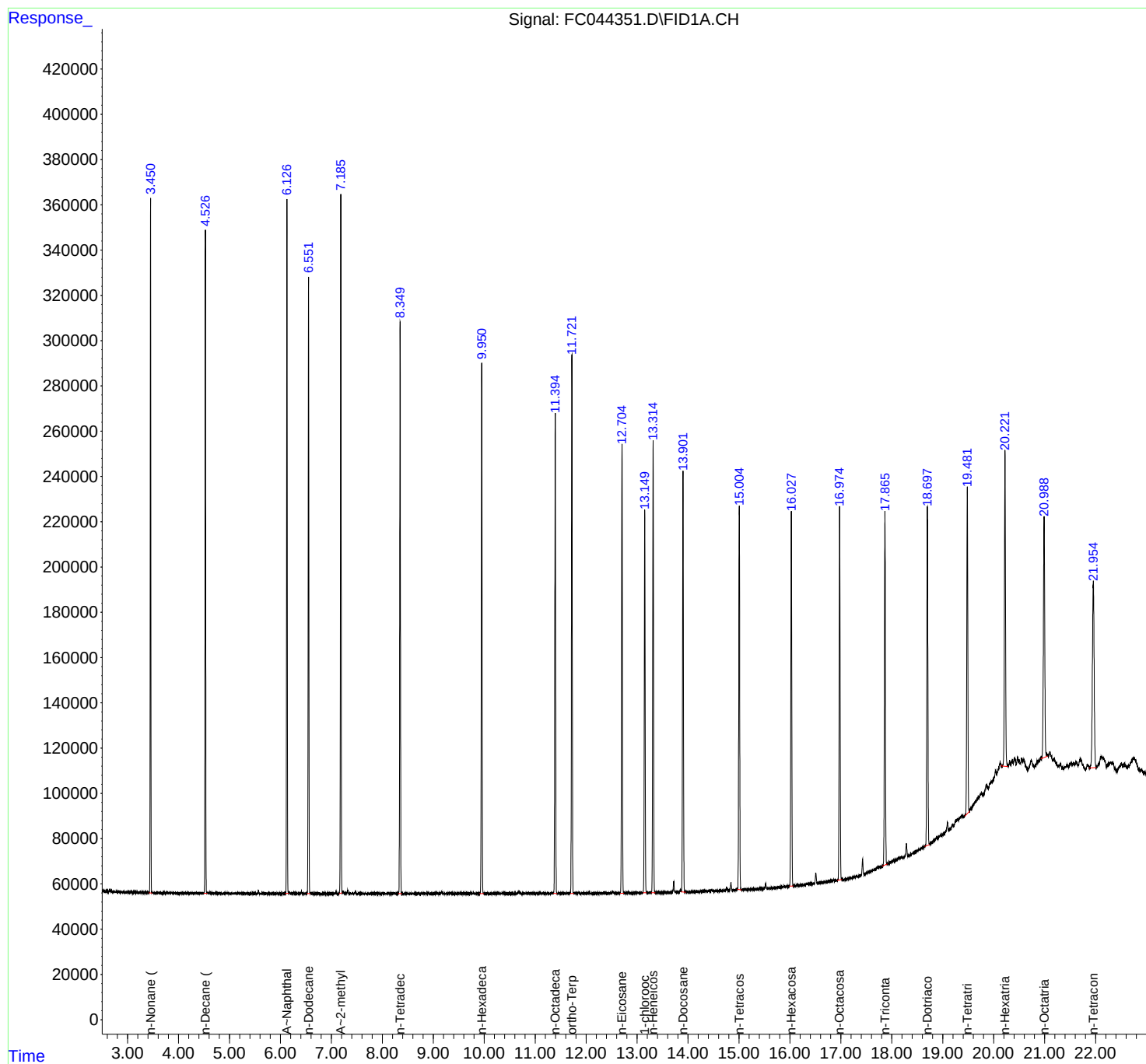
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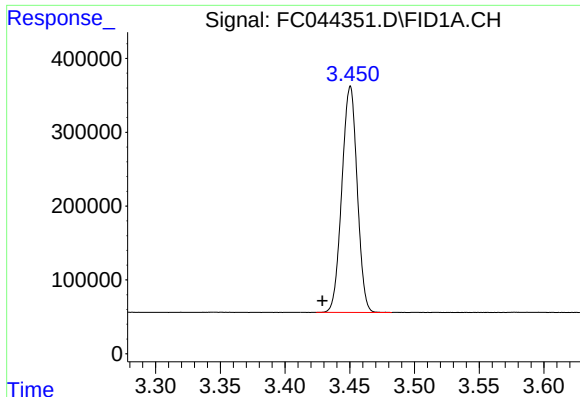
(m)=manual int.

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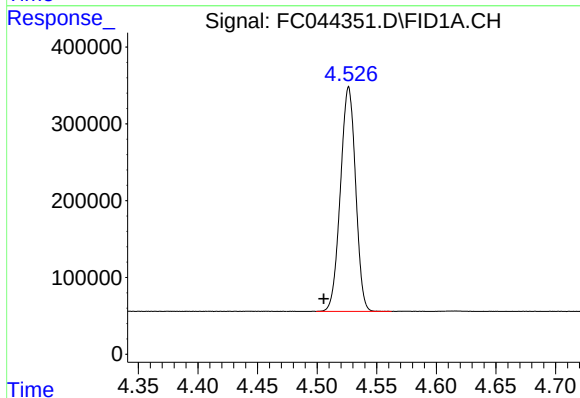
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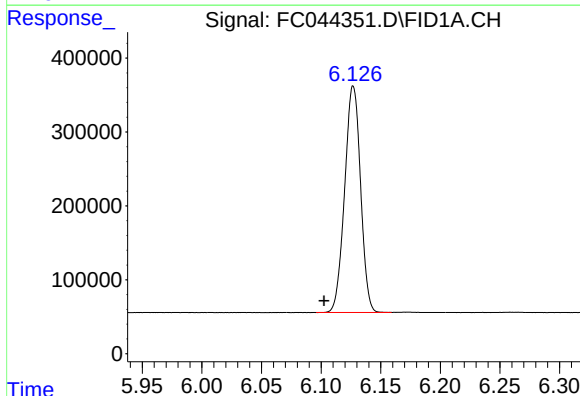
#1 n-Nonane (C9)

R.T.: 3.450 min
Delta R.T.: 0.021 min
Response: 2525531
Conc: 22.93 ug/ml



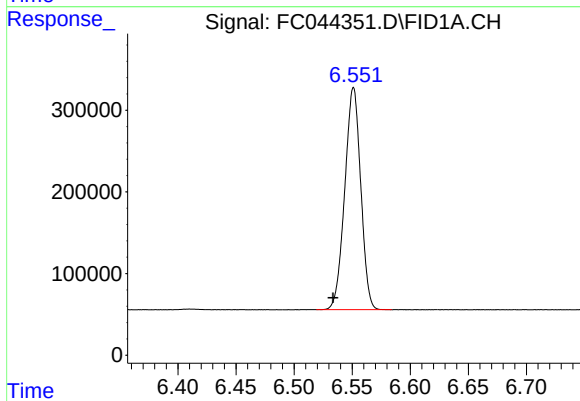
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.021 min
Response: 2590161
Conc: 23.32 ug/ml



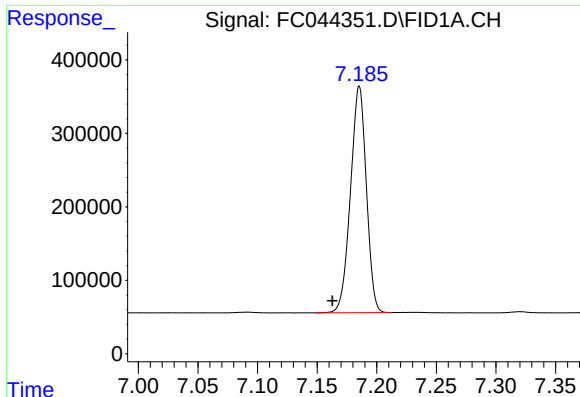
#3 A~Naphthalene (C11.7)

R.T.: 6.127 min
Delta R.T.: 0.025 min
Response: 2845718
Conc: 22.87 ug/ml



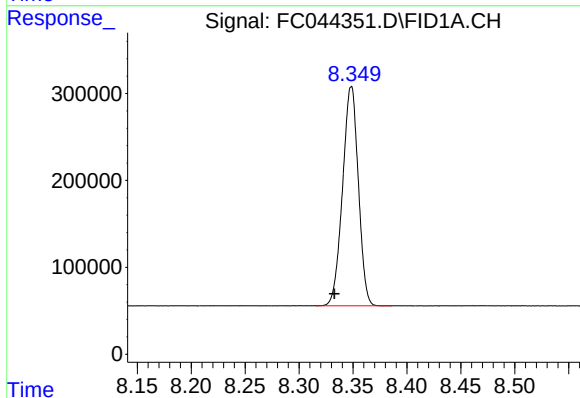
#4 n-Dodecane (C12)

R.T.: 6.551 min
Delta R.T.: 0.018 min
Response: 2607062
Conc: 23.18 ug/ml



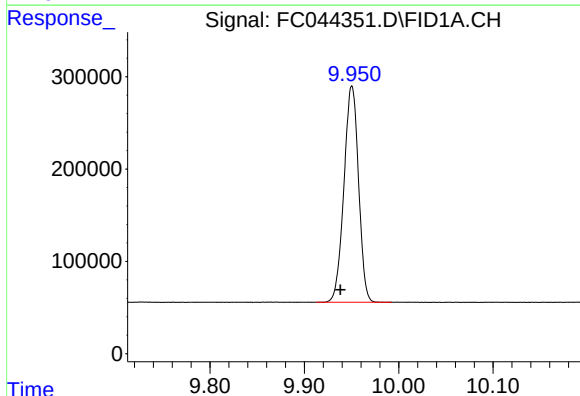
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.185 min
Delta R.T.: 0.023 min
Response: 2855242
Conc: 22.64 ug/ml



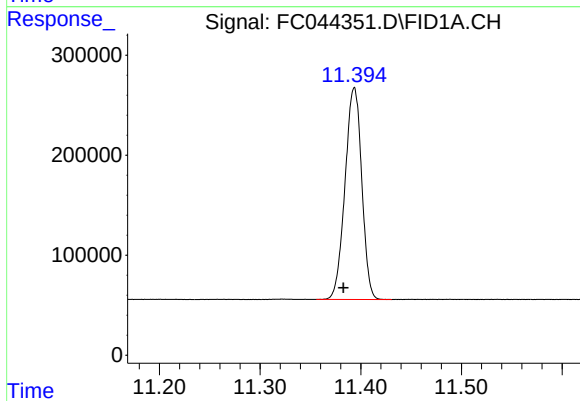
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.016 min
Response: 2571520
Conc: 22.73 ug/ml



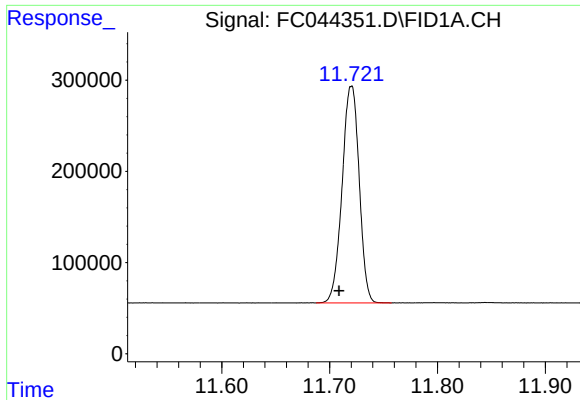
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: 0.012 min
Response: 2521715
Conc: 22.07 ug/ml



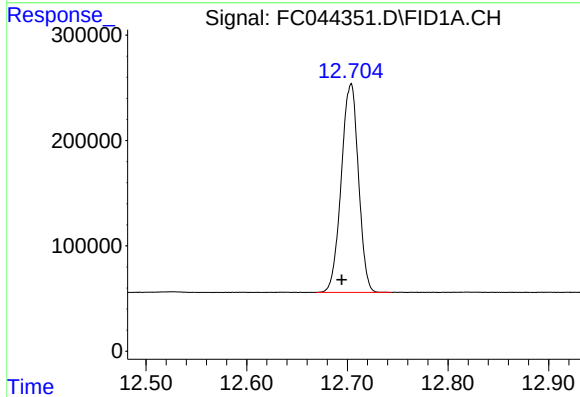
#8 n-Octadecane (C18)

R.T.: 11.394 min
Delta R.T.: 0.011 min
Response: 2446541
Conc: 21.37 ug/ml



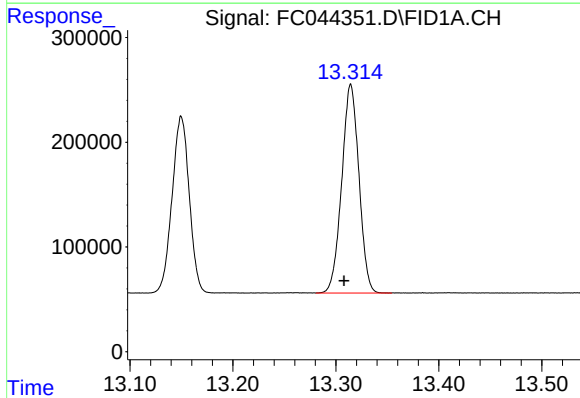
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: 0.012 min
Response: 2617527
Conc: 17.96 ug/ml



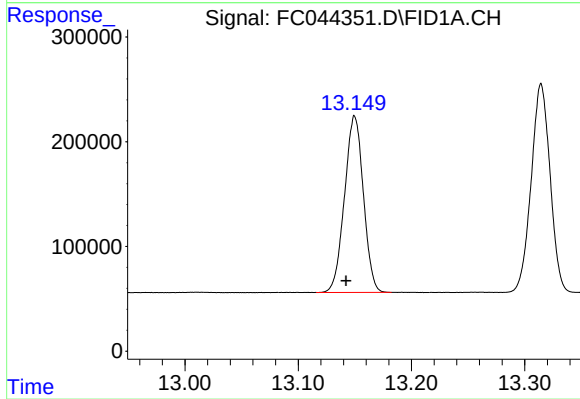
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: 0.009 min
Response: 2350286
Conc: 20.61 ug/ml



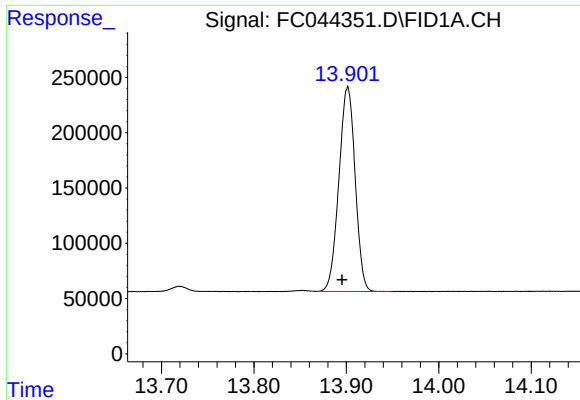
#11 n-Heneicosane (C21)

R.T.: 13.314 min
Delta R.T.: 0.007 min
Response: 2314504
Conc: 20.18 ug/ml



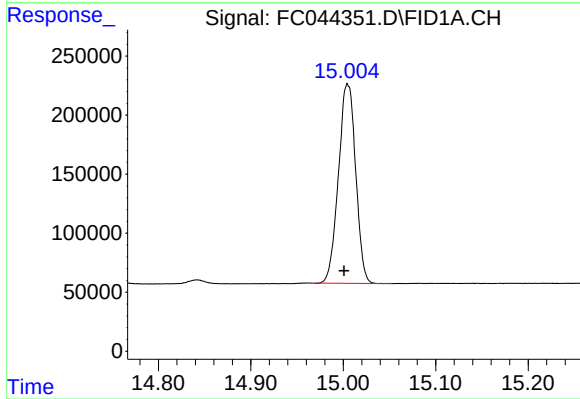
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: 0.008 min
Response: 1955133
Conc: 17.49 ug/ml



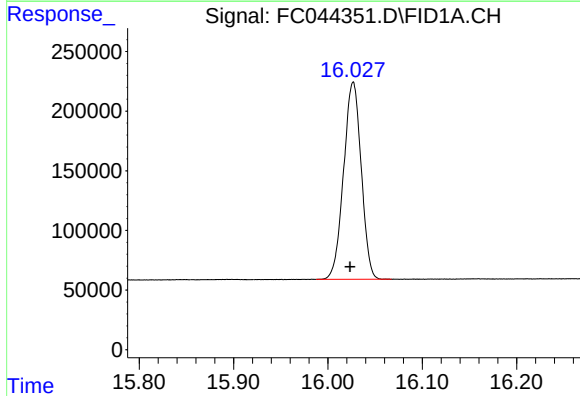
#13 n-Docosane (C22)

R.T.: 13.902 min
Delta R.T.: 0.006 min
Response: 2260290
Conc: 19.90 ug/ml



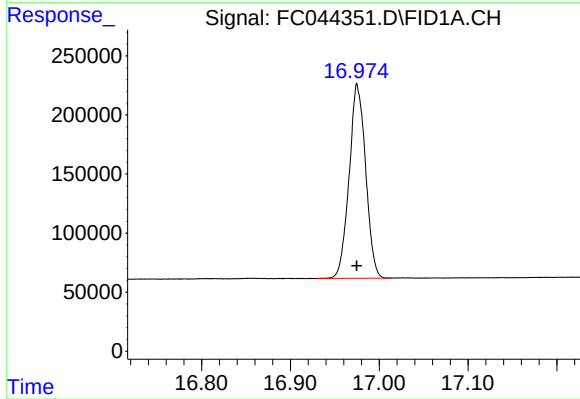
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: 0.004 min
Response: 2191564
Conc: 19.38 ug/ml



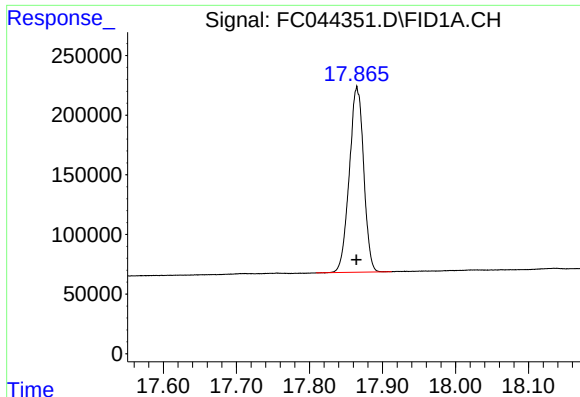
#15 n-Hexacosane (C26)

R.T.: 16.027 min
Delta R.T.: 0.003 min
Response: 2144732
Conc: 19.38 ug/ml



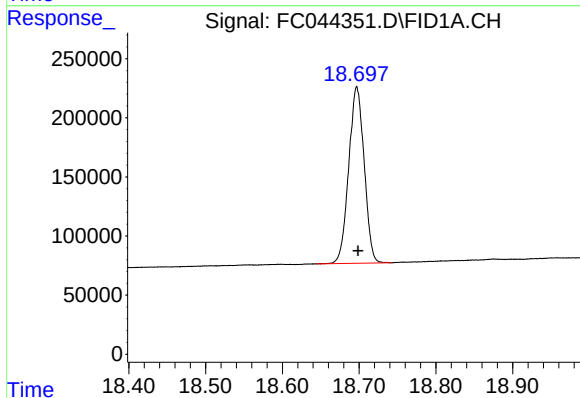
#16 n-Octacosane (C28)

R.T.: 16.975 min
Delta R.T.: 0.000 min
Response: 2120417
Conc: 19.57 ug/ml



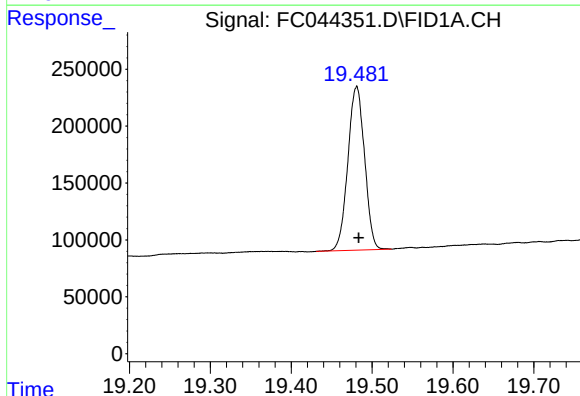
#17 n-Tricontane (C30)

R.T.: 17.865 min
Delta R.T.: 0.000 min
Response: 2125780
Conc: 20.09 ug/ml



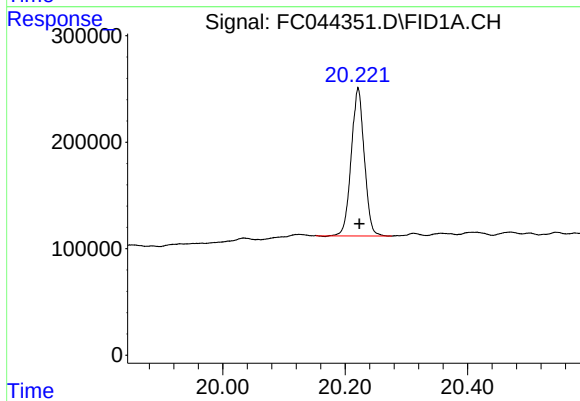
#18 n-Dotriacontane (C32)

R.T.: 18.697 min
Delta R.T.: -0.002 min
Response: 2084924
Conc: 20.70 ug/ml



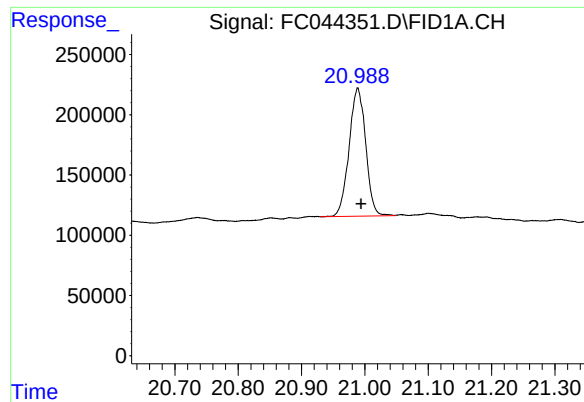
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.003 min
Response: 2063900
Conc: 22.01 ug/ml



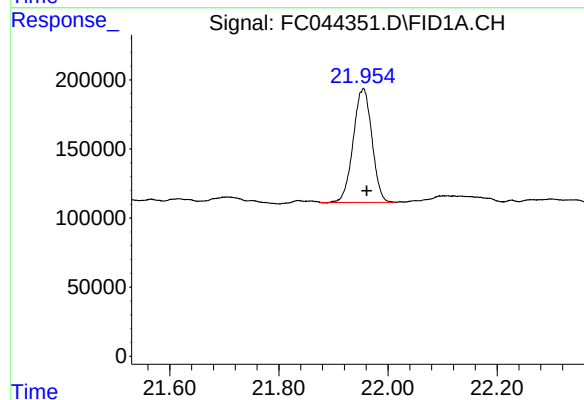
#20 n-Hexatriacontane (C36)

R.T.: 20.221 min
Delta R.T.: -0.002 min
Response: 2056847
Conc: 23.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.988 min
Delta R.T.: -0.006 min
Response: 1937425
Conc: 24.03 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.006 min
Response: 1955324
Conc: 23.13 ug/ml