

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022521AL\
 Data File : FC052140.D
 Signal(s) : FID1A.CH
 Acq On : 25 Feb 2021 10:10
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 13:11:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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	2398447	19.760 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
12) S 1-chlorooctadecane (S...	13.124	1911250	19.465 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.449	2157106	20.414 ug/ml
2) T n-Decane (C10)	4.518	2188810	20.540 ug/ml
3) T A~Naphthalene (C11.7)	6.111	2469312	20.647 ug/ml
4) T n-Dodecane (C12)	6.535	2246607	20.776 ug/ml
5) T A~2-methylnaphthalene...	7.166	2529487	20.730 ug/ml
6) T n-Tetradecane (C14)	8.329	2266254	20.868 ug/ml
7) T n-Hexadecane (C16)	9.928	2234809	20.708 ug/ml
8) T n-Octadecane (C18)	11.369	2301008	20.353 ug/ml
10) T n-Eicosane (C20)	12.679	2280298	19.855 ug/ml
11) T n-Heneicosane (C21)	13.290	2250460	19.527 ug/ml
13) T n-Docosane (C22)	13.877	2224041	19.188 ug/ml
14) T n-Tetracosane (C24)	14.979	2151727	18.375 ug/ml
15) T n-Hexacosane (C26)	16.000	2047634	17.514 ug/ml
16) T n-Octacosane (C28)	16.951	1960458	16.669 ug/ml
17) T n-Tricontane (C30)	17.837	1883901	15.938 ug/ml
18) T n-Dotriacontane (C32)	18.672	1802074	15.367 ug/ml
19) T n-Tetratriacontane (C34)	19.456	1766236	15.250 ug/ml
20) T n-Hexatriacontane (C36)	20.197	1709532	15.365 ug/ml
21) T n-Octatriacontane (C38)	20.956	1653828	16.149 ug/ml
22) T n-Tetracontane (C40)	21.909	1708821	16.578 ug/ml

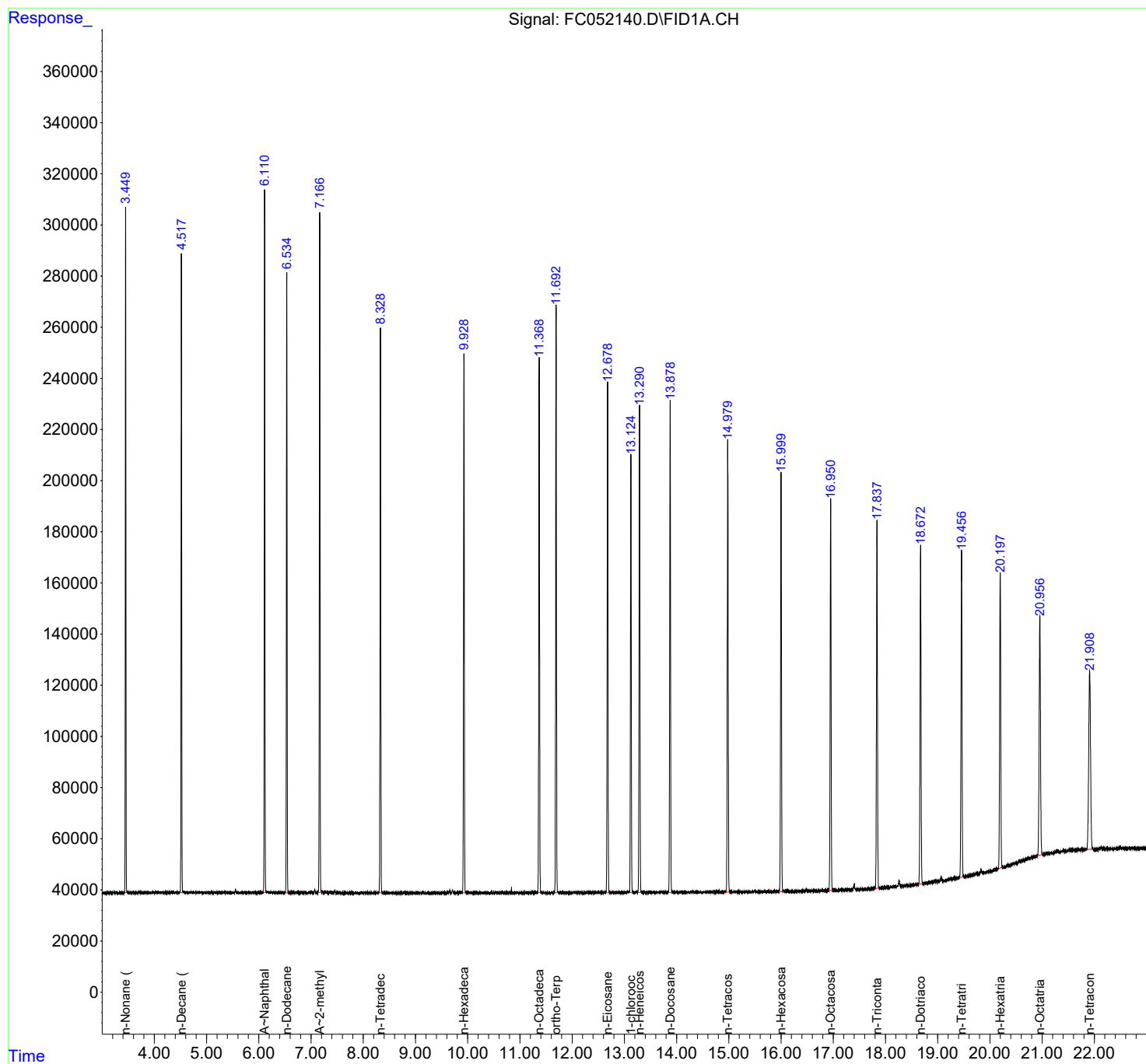
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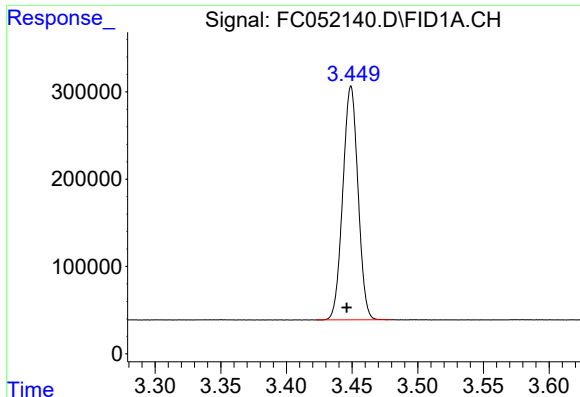
(m)=manual int.

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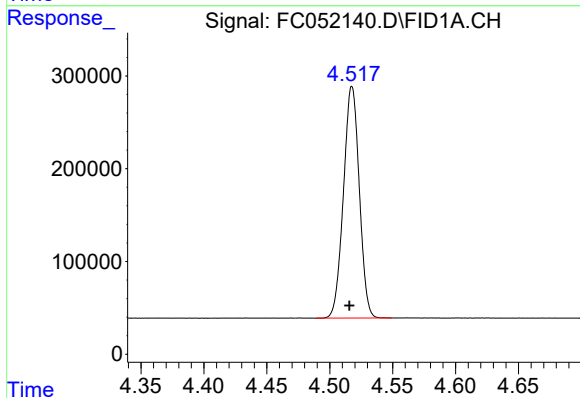
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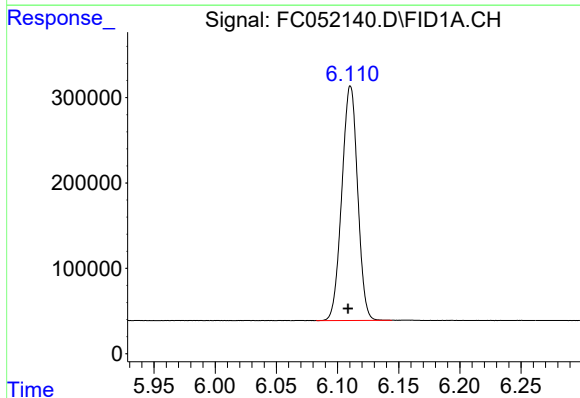
#1 n-Nonane (C9)

R.T.: 3.449 min
Delta R.T.: 0.003 min
Response: 2157106
Conc: 20.41 ug/ml



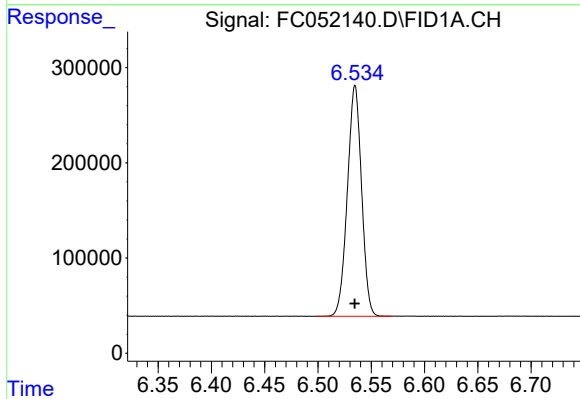
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 2188810
Conc: 20.54 ug/ml



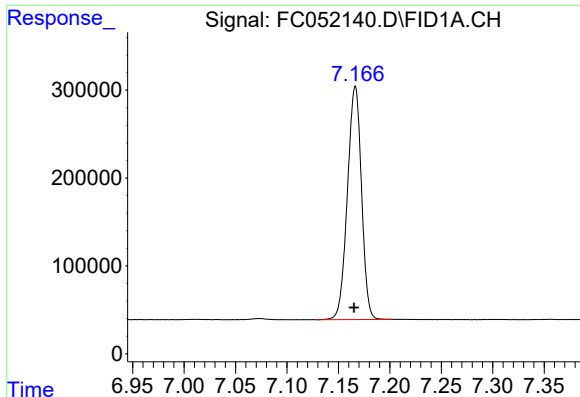
#3 A~Naphthalene (C11.7)

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 2469312
Conc: 20.65 ug/ml



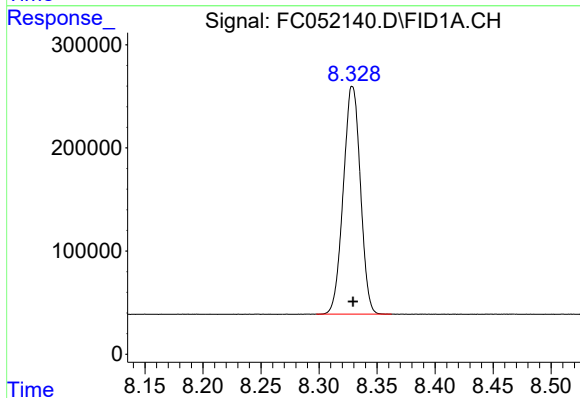
#4 n-Dodecane (C12)

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 2246607
Conc: 20.78 ug/ml



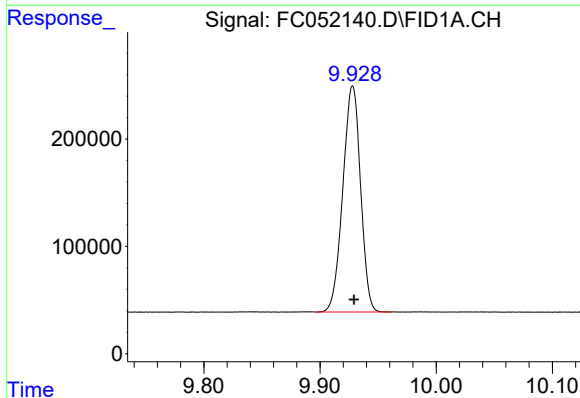
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.166 min
Delta R.T.: 0.001 min
Response: 2529487
Conc: 20.73 ug/ml



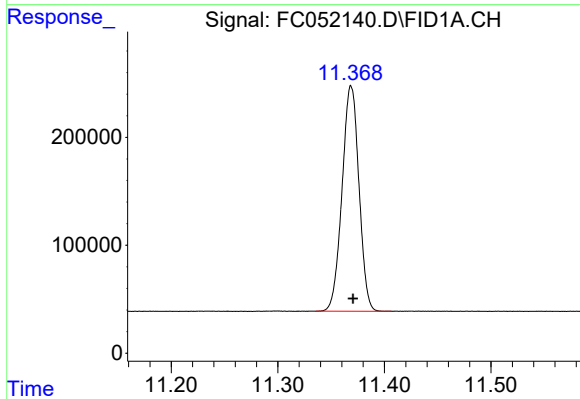
#6 n-Tetradecane (C14)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 2266254
Conc: 20.87 ug/ml



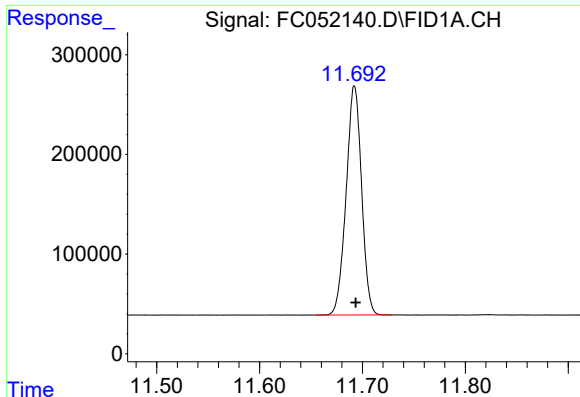
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.001 min
Response: 2234809
Conc: 20.71 ug/ml



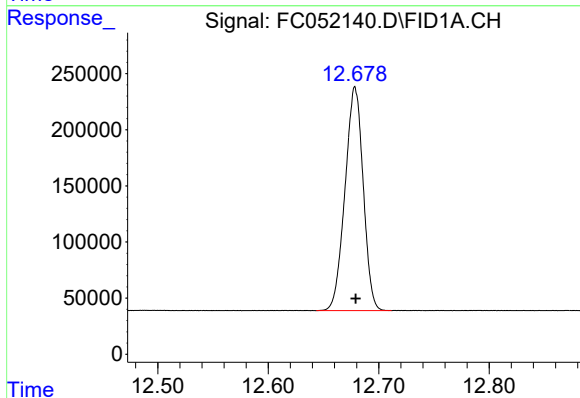
#8 n-Octadecane (C18)

R.T.: 11.369 min
Delta R.T.: -0.002 min
Response: 2301008
Conc: 20.35 ug/ml



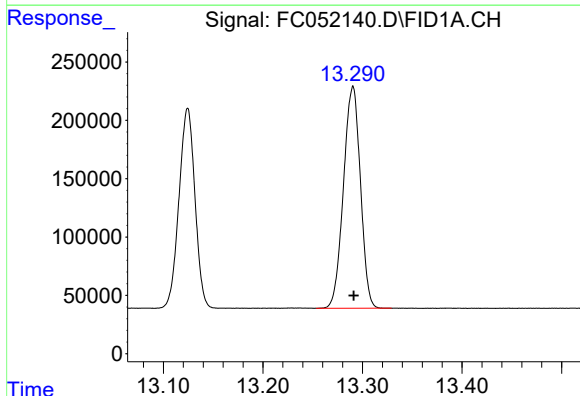
#9 ortho-Terphenyl (SURR)

R.T.: 11.692 min
Delta R.T.: -0.001 min
Response: 2398447
Conc: 19.76 ug/ml



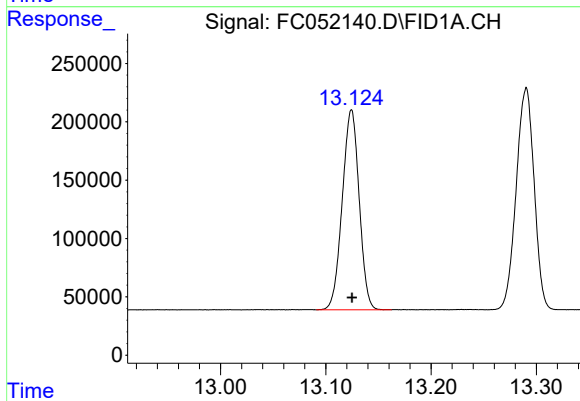
#10 n-Eicosane (C20)

R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 2280298
Conc: 19.85 ug/ml



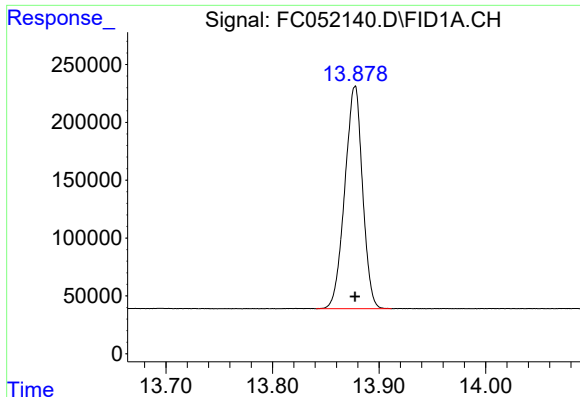
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: 0.000 min
Response: 2250460
Conc: 19.53 ug/ml



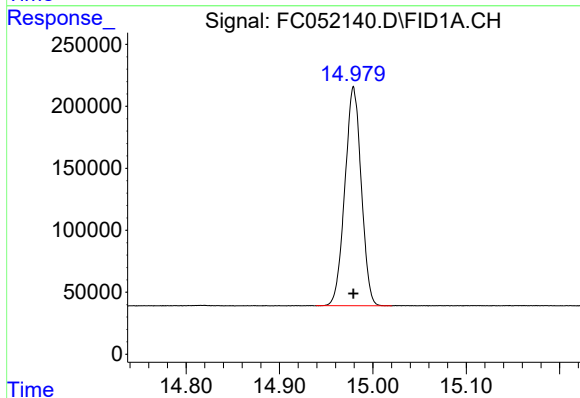
#12 1-chlorooctadecane (SURR)

R.T.: 13.124 min
Delta R.T.: 0.000 min
Response: 1911250
Conc: 19.47 ug/ml



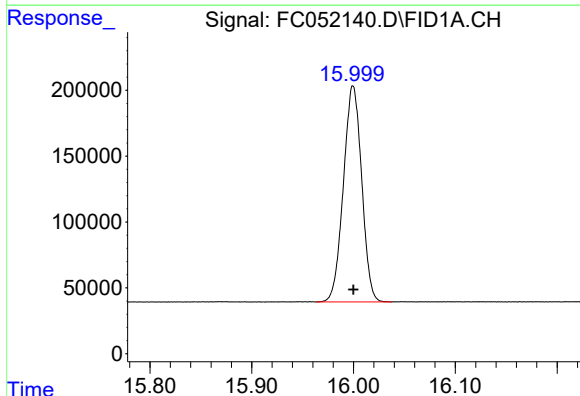
#13 n-Docosane (C22)

R.T.: 13.877 min
Delta R.T.: 0.000 min
Response: 2224041
Conc: 19.19 ug/ml



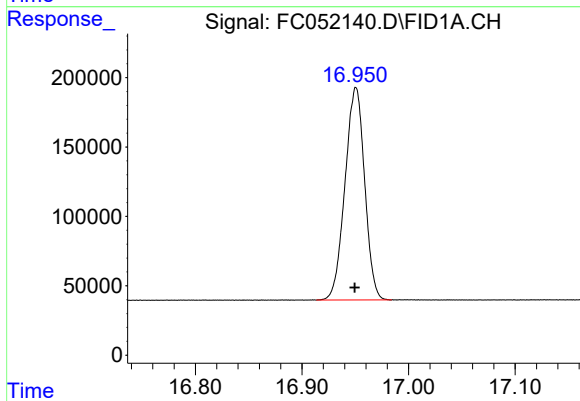
#14 n-Tetracosane (C24)

R.T.: 14.979 min
Delta R.T.: 0.000 min
Response: 2151727
Conc: 18.38 ug/ml



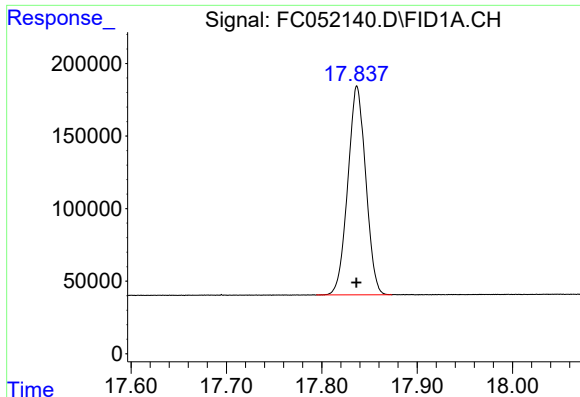
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: 0.000 min
Response: 2047634
Conc: 17.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.951 min
Delta R.T.: 0.001 min
Response: 1960458
Conc: 16.67 ug/ml



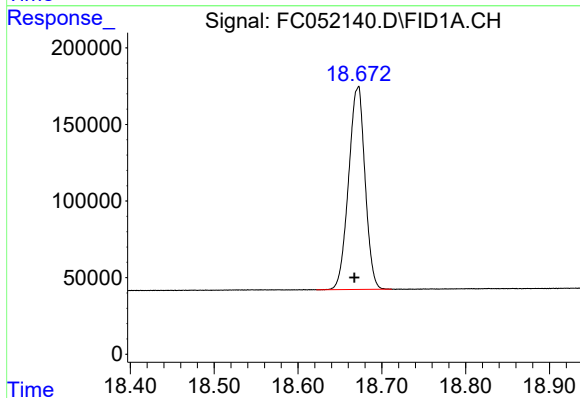
#17 n-Tricontane (C30)

R.T.: 17.837 min

Delta R.T.: 0.000 min

Response: 1883901

Conc: 15.94 ug/ml



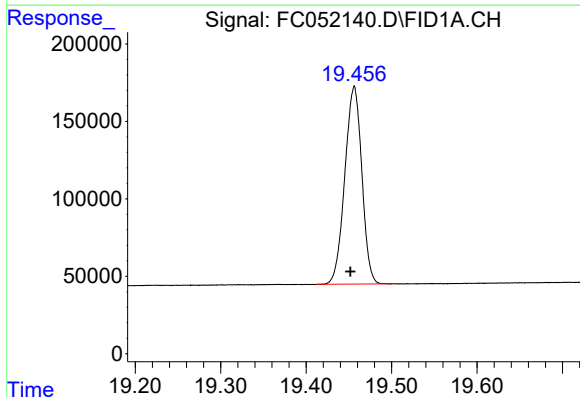
#18 n-Dotriacontane (C32)

R.T.: 18.672 min

Delta R.T.: 0.004 min

Response: 1802074

Conc: 15.37 ug/ml



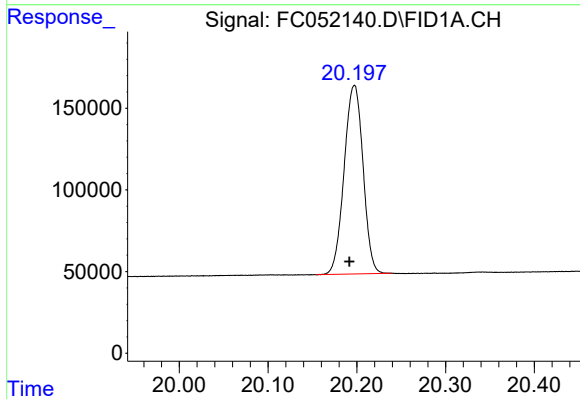
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min

Delta R.T.: 0.005 min

Response: 1766236

Conc: 15.25 ug/ml



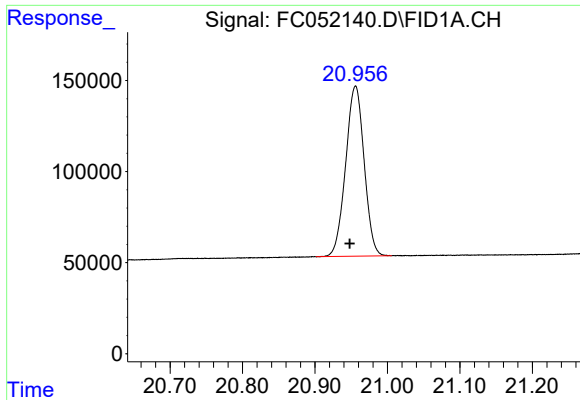
#20 n-Hexatriacontane (C36)

R.T.: 20.197 min

Delta R.T.: 0.006 min

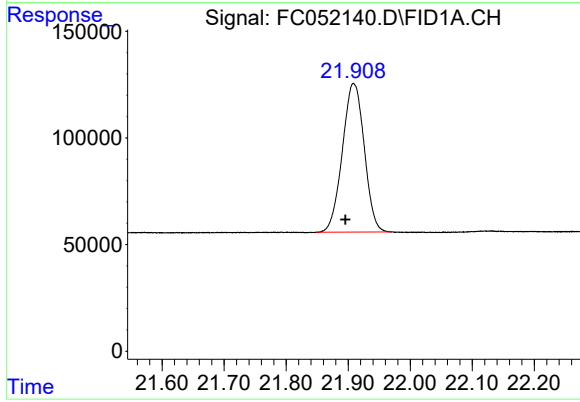
Response: 1709532

Conc: 15.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.956 min
Delta R.T.: 0.008 min
Response: 1653828
Conc: 16.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.909 min
Delta R.T.: 0.013 min
Response: 1708821
Conc: 16.58 ug/ml