

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030220AL\
 Data File : FC046057.D
 Signal(s) : FID1A.CH
 Acq On : 03 Mar 2020 7:11
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 03 07:43:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.767	2411990	21.143 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
12) S 1-chlorooctadecane (S...	13.186	1863036	20.767 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
Target Compounds			
1) T n-Nonane (C9)	3.535	2290210	22.720 ug/ml
2) T n-Decane (C10)	4.606	2325149	23.053 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2551401	22.978 ug/ml
4) T n-Dodecane (C12)	6.618	2358937	23.122 ug/ml
5) T A~2-methylnaphthalene...	7.259	2581403	23.207 ug/ml
6) T n-Tetradecane (C14)	8.405	2350532	22.962 ug/ml
7) T n-Hexadecane (C16)	9.999	2331728	22.521 ug/ml
8) T n-Octadecane (C18)	11.434	2301858	21.897 ug/ml
10) T n-Eicosane (C20)	12.739	2246358	21.250 ug/ml
11) T n-Heneicosane (C21)	13.348	2224257	20.854 ug/ml
13) T n-Docosane (C22)	13.933	2175080	20.470 ug/ml
14) T n-Tetracosane (C24)	15.031	2111953	19.733 ug/ml
15) T n-Hexacosane (C26)	16.049	2028695	19.087 ug/ml
16) T n-Octacosane (C28)	16.994	1955959	18.682 ug/ml
17) T n-Tricontane (C30)	17.879	1870509	18.562 ug/ml
18) T n-Dotriacontane (C32)	18.708	1598570	18.678 ug/ml
19) T n-Tetratriacontane (C34)	19.488	1383680	19.065 ug/ml
20) T n-Hexatriacontane (C36)	20.225	1428491	21.123 ug/ml
21) T n-Octatriacontane (C38)	20.992	1187456	19.646 ug/ml
22) T n-Tetracontane (C40)	21.958	1336505	21.258 ug/ml

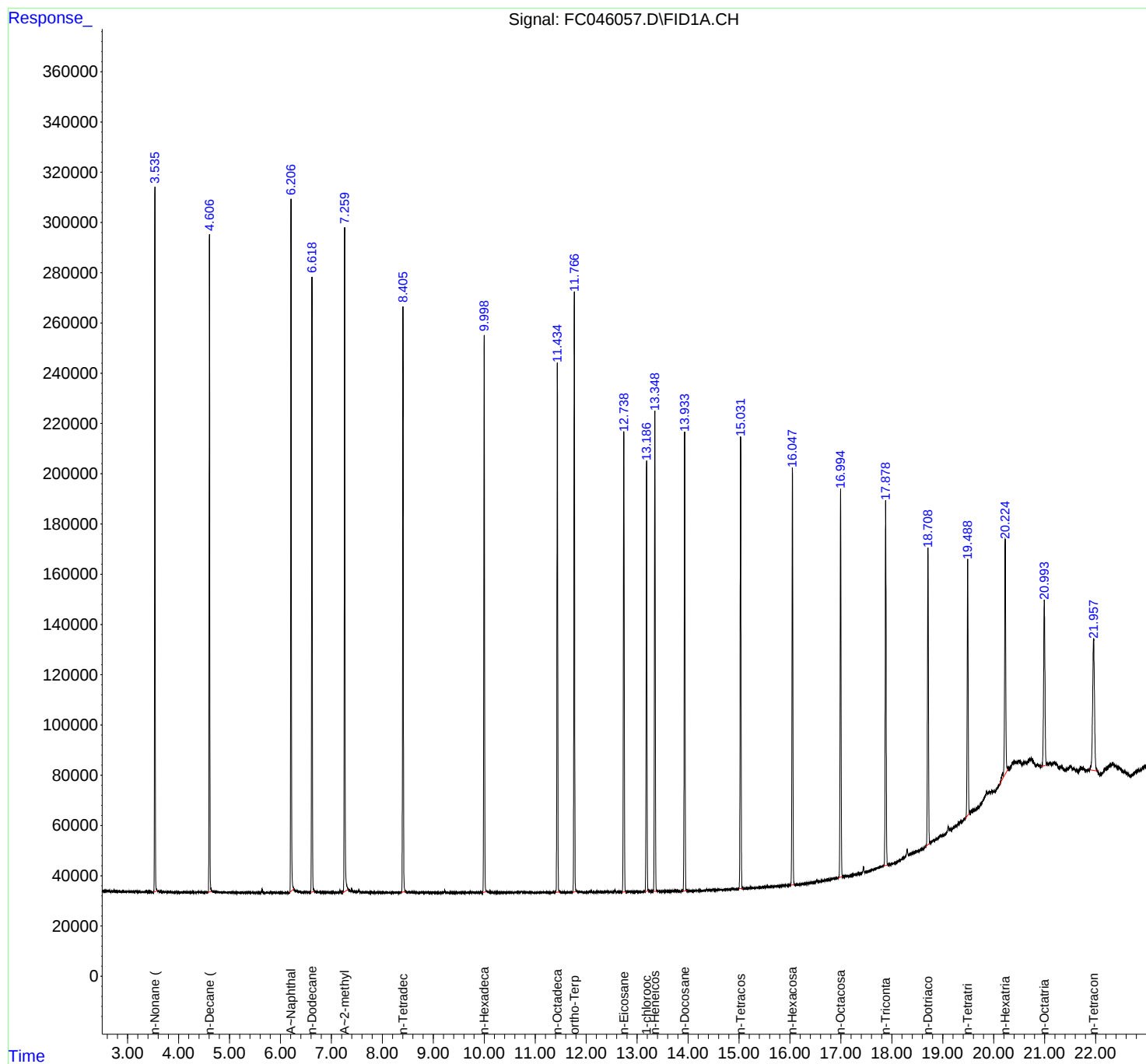
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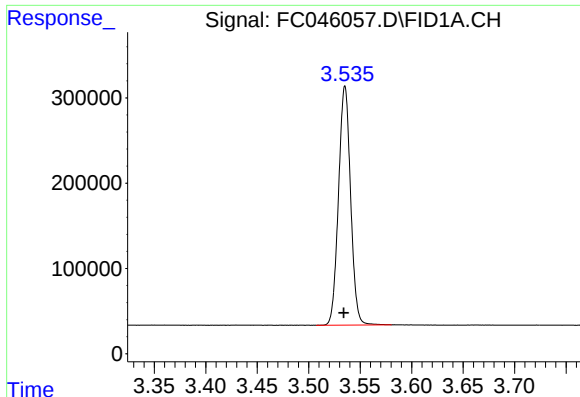
(m)=manual int.

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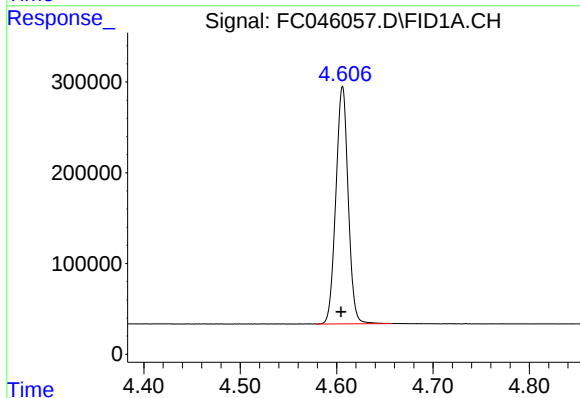
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Signal Info : 20M x 0.18mm x 0.18um





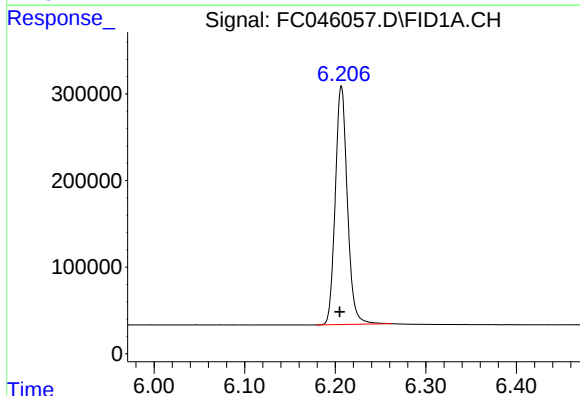
#1 n-Nonane (C9)

R.T.: 3.535 min
Delta R.T.: 0.001 min
Response: 2290210
Conc: 22.72 ug/ml



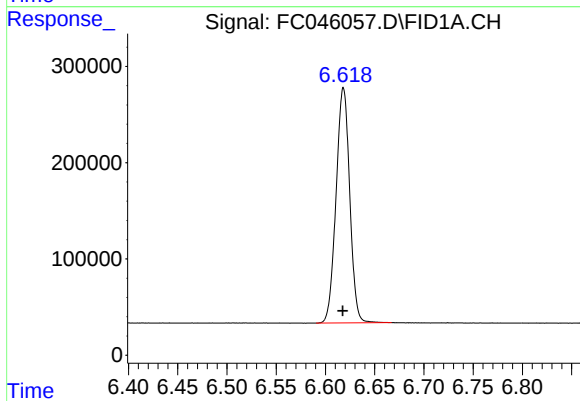
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 2325149
Conc: 23.05 ug/ml



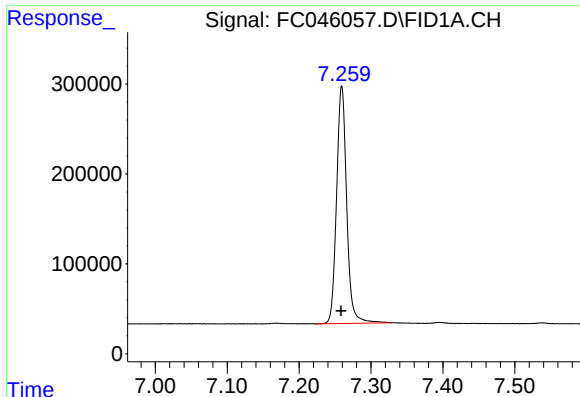
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 2551401
Conc: 22.98 ug/ml



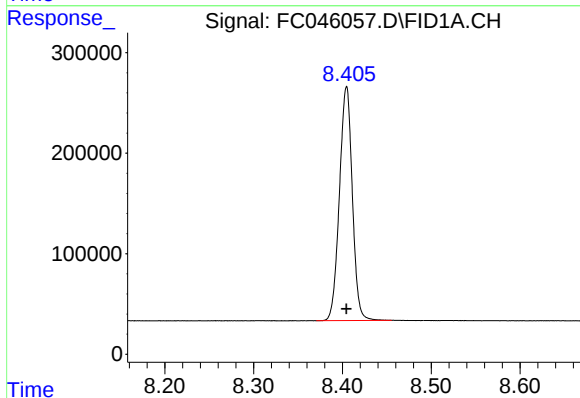
#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2358937
Conc: 23.12 ug/ml



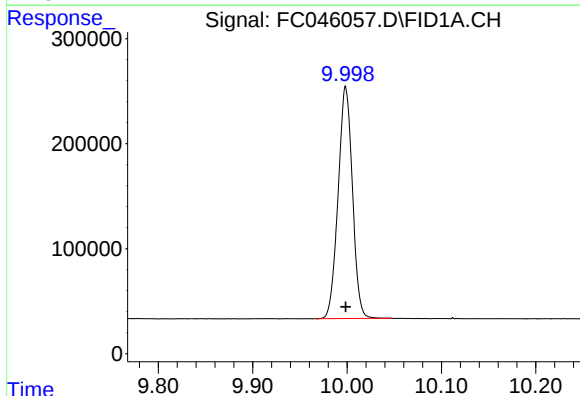
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 2581403
Conc: 23.21 ug/ml



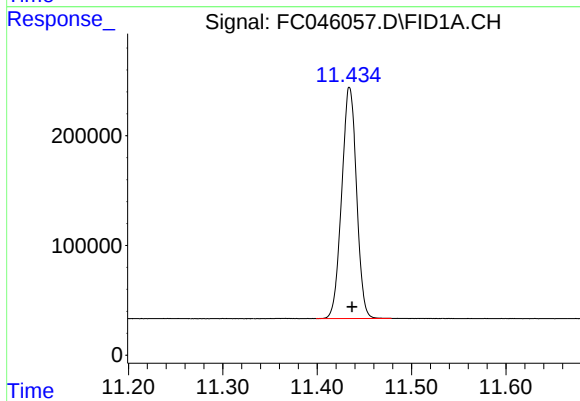
#6 n-Tetradecane (C14)

R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 2350532
Conc: 22.96 ug/ml



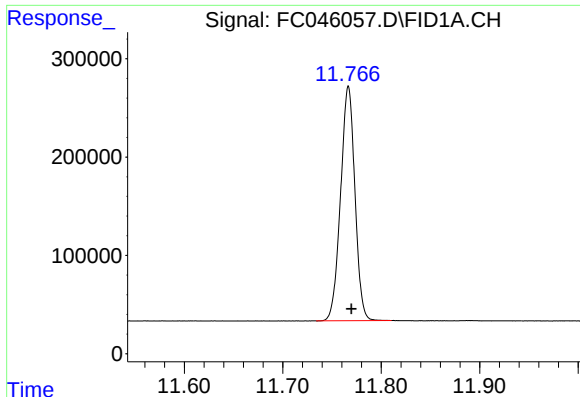
#7 n-Hexadecane (C16)

R.T.: 9.999 min
Delta R.T.: 0.000 min
Response: 2331728
Conc: 22.52 ug/ml



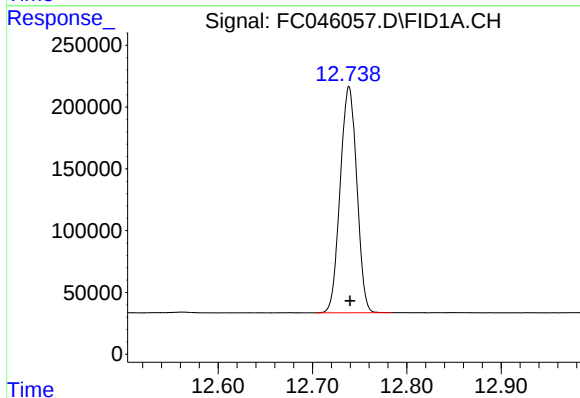
#8 n-Octadecane (C18)

R.T.: 11.434 min
Delta R.T.: -0.002 min
Response: 2301858
Conc: 21.90 ug/ml



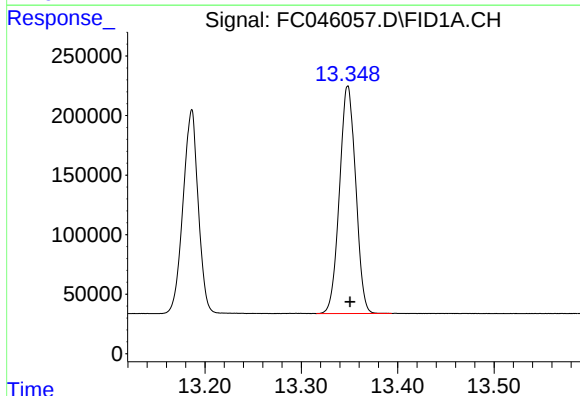
#9 ortho-Terphenyl (SURR)

R.T.: 11.767 min
Delta R.T.: -0.003 min
Response: 2411990
Conc: 21.14 ug/ml



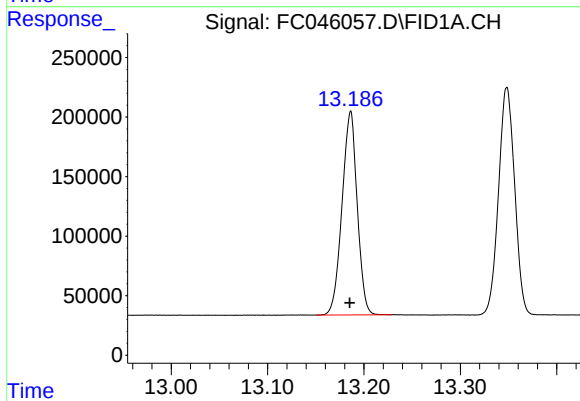
#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: -0.001 min
Response: 2246358
Conc: 21.25 ug/ml



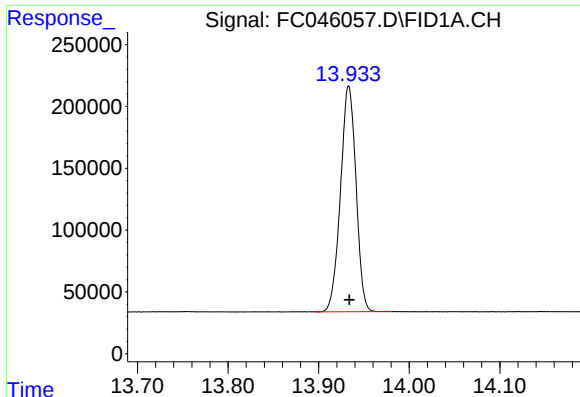
#11 n-Heneicosane (C21)

R.T.: 13.348 min
Delta R.T.: -0.002 min
Response: 2224257
Conc: 20.85 ug/ml



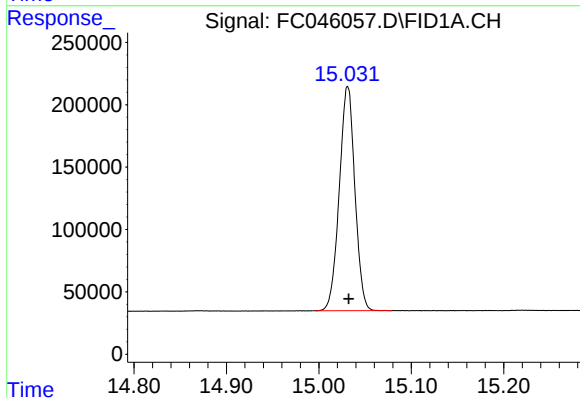
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min
Delta R.T.: 0.000 min
Response: 1863036
Conc: 20.77 ug/ml



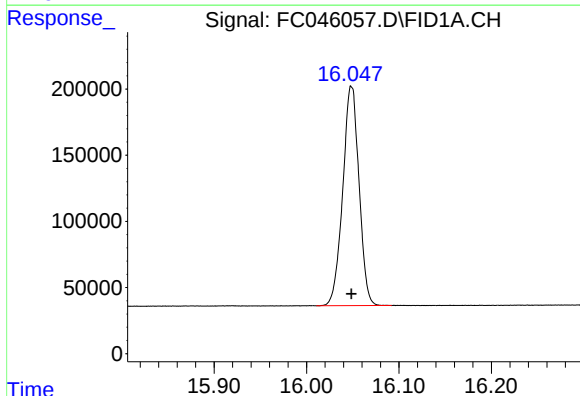
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: 0.000 min
Response: 2175080
Conc: 20.47 ug/ml



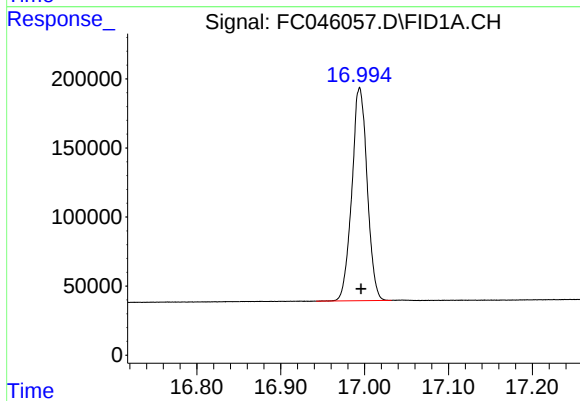
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: 0.000 min
Response: 2111953
Conc: 19.73 ug/ml



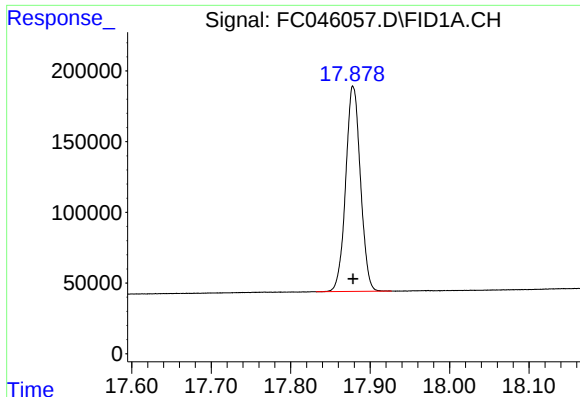
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: 0.000 min
Response: 2028695
Conc: 19.09 ug/ml



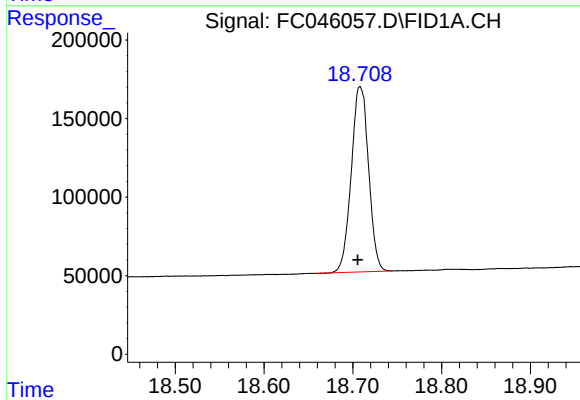
#16 n-Octacosane (C28)

R.T.: 16.994 min
Delta R.T.: -0.002 min
Response: 1955959
Conc: 18.68 ug/ml



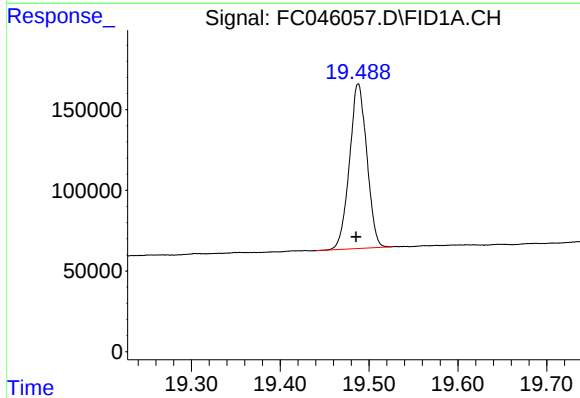
#17 n-Tricontane (C30)

R.T.: 17.879 min
Delta R.T.: 0.000 min
Response: 1870509
Conc: 18.56 ug/ml



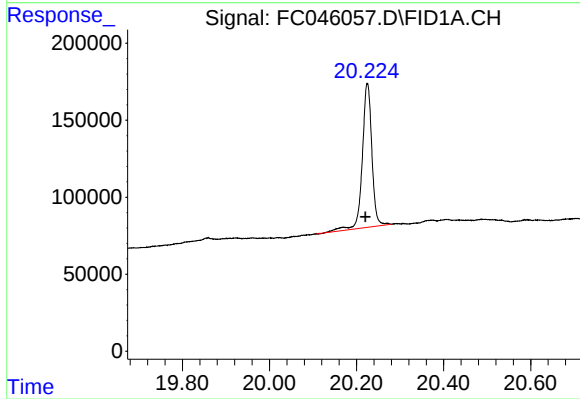
#18 n-Dotriacontane (C32)

R.T.: 18.708 min
Delta R.T.: 0.003 min
Response: 1598570
Conc: 18.68 ug/ml



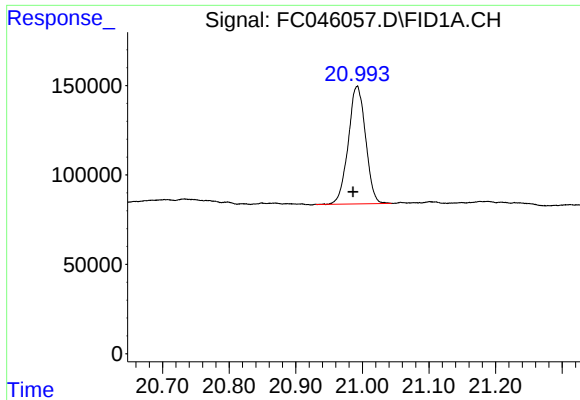
#19 n-Tetratriacontane (C34)

R.T.: 19.488 min
Delta R.T.: 0.002 min
Response: 1383680
Conc: 19.06 ug/ml



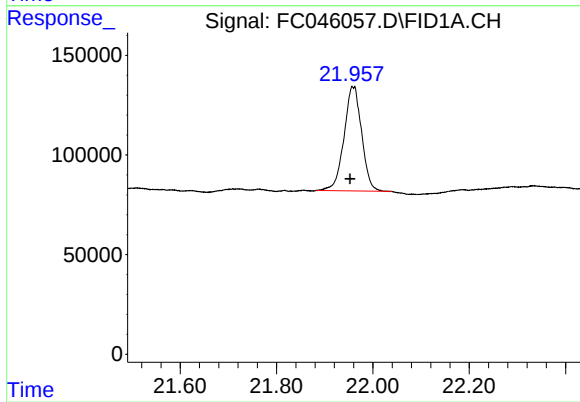
#20 n-Hexatriacontane (C36)

R.T.: 20.225 min
Delta R.T.: 0.004 min
Response: 1428491
Conc: 21.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.992 min
Delta R.T.: 0.006 min
Response: 1187456
Conc: 19.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: 0.005 min
Response: 1336505
Conc: 21.26 ug/ml