

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030420AL\
 Data File : FC046088.D
 Signal(s) : FID1A.CH
 Acq On : 04 Mar 2020 9:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 05 00:48:00 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	2356700	20.658 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
12) S 1-chlorooctadecane (S...	13.184	1819065	20.277 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
Target Compounds			
1) T n-Nonane (C9)	3.535	2265138	22.471 ug/ml
2) T n-Decane (C10)	4.606	2298232	22.786 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2516770	22.666 ug/ml
4) T n-Dodecane (C12)	6.619	2325900	22.799 ug/ml
5) T A~2-methylnaphthalene...	7.260	2540660	22.840 ug/ml
6) T n-Tetradecane (C14)	8.405	2314629	22.611 ug/ml
7) T n-Hexadecane (C16)	9.999	2292056	22.138 ug/ml
8) T n-Octadecane (C18)	11.434	2259864	21.497 ug/ml
10) T n-Eicosane (C20)	12.738	2195793	20.772 ug/ml
11) T n-Heneicosane (C21)	13.347	2174275	20.385 ug/ml
13) T n-Docosane (C22)	13.933	2127734	20.024 ug/ml
14) T n-Tetracosane (C24)	15.031	2068192	19.324 ug/ml
15) T n-Hexacosane (C26)	16.049	1997241	18.791 ug/ml
16) T n-Octacosane (C28)	16.994	1941716	18.546 ug/ml
17) T n-Tricontane (C30)	17.879	1882098	18.677 ug/ml
18) T n-Dotriacontane (C32)	18.710	1623797	18.973 ug/ml
19) T n-Tetratriacontane (C34)	19.490	1399511	19.283 ug/ml
20) T n-Hexatriacontane (C36)	20.226	1288140	19.047 ug/ml
21) T n-Octatriacontane (C38)	20.992	1188686	19.667 ug/ml
22) T n-Tetracontane (C40)	21.961	1268253	20.172 ug/ml

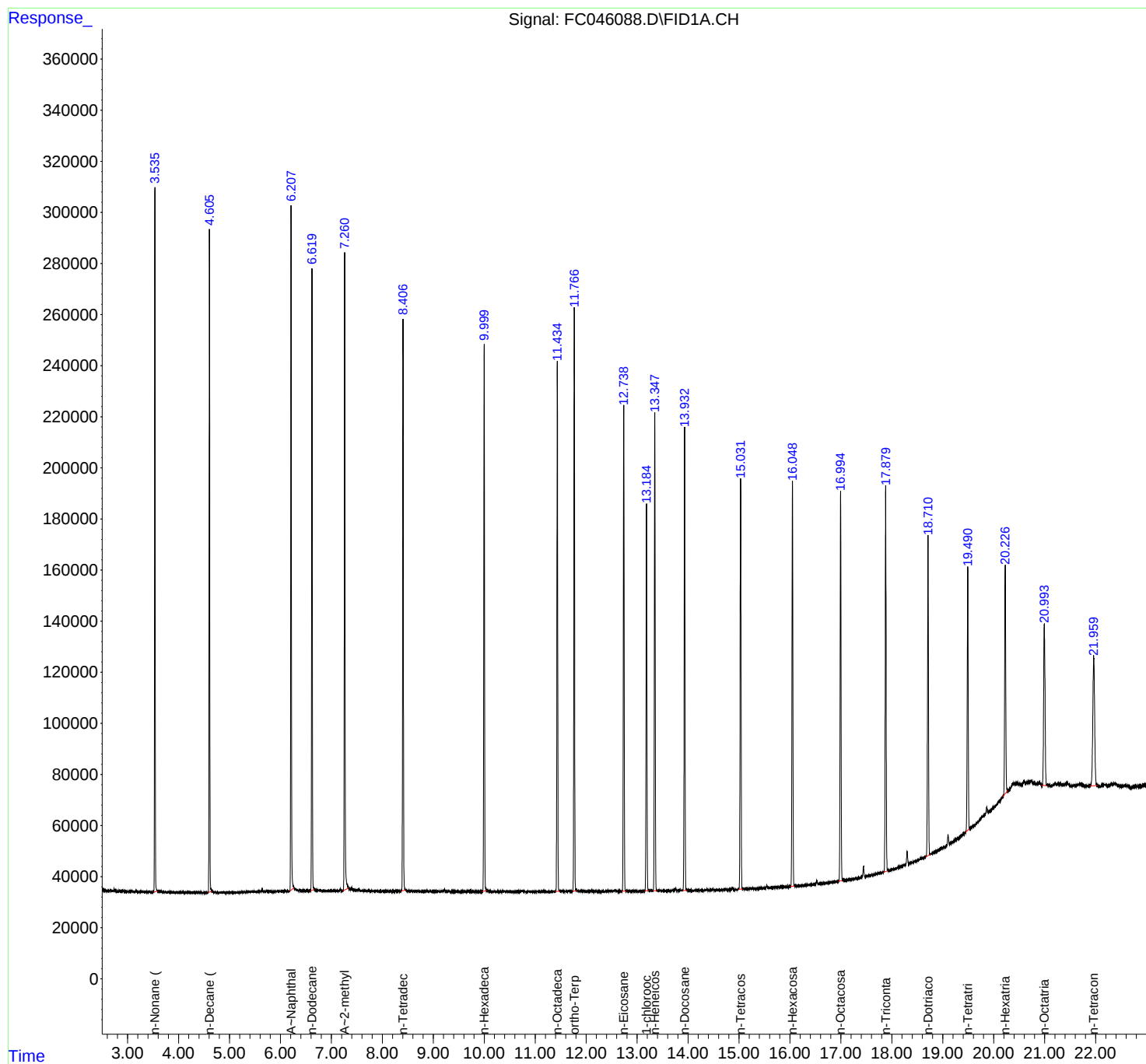
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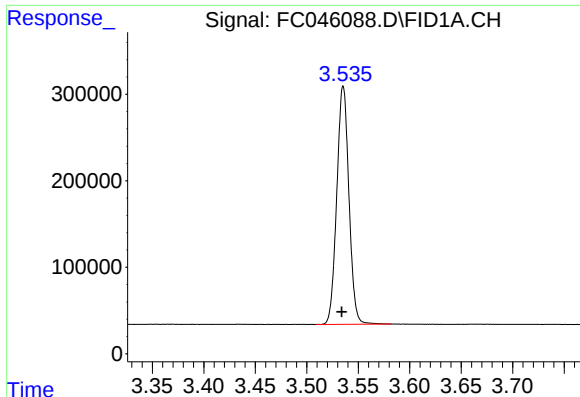
(m)=manual int.

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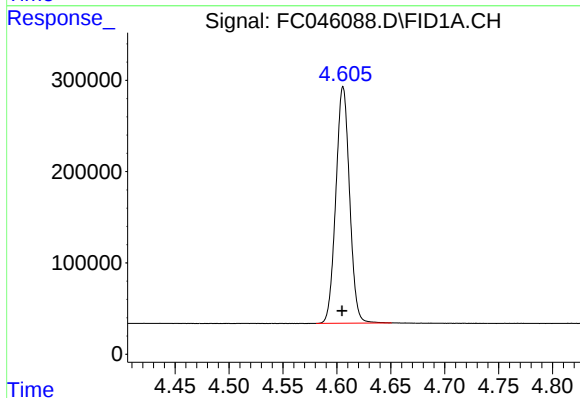
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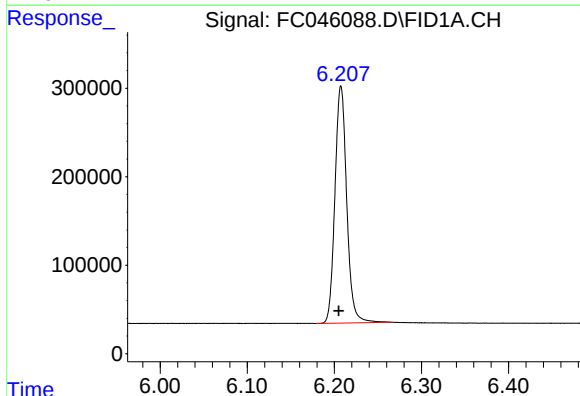
#1 n-Nonane (C9)

R.T.: 3.535 min
Delta R.T.: 0.001 min
Response: 2265138
Conc: 22.47 ug/ml



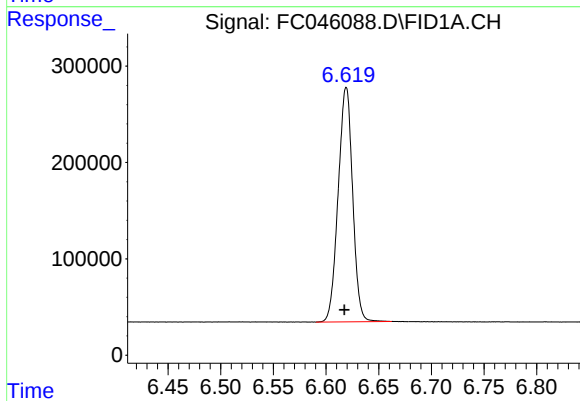
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 2298232
Conc: 22.79 ug/ml



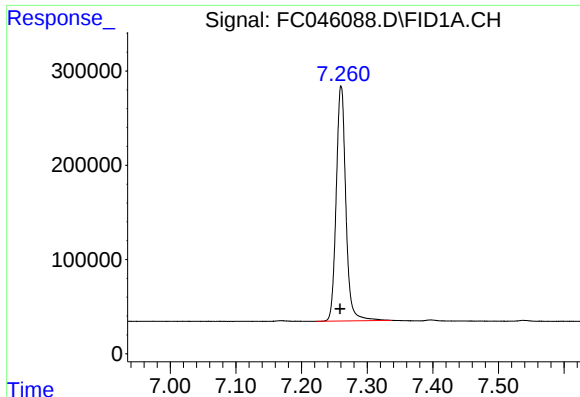
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: 0.003 min
Response: 2516770
Conc: 22.67 ug/ml



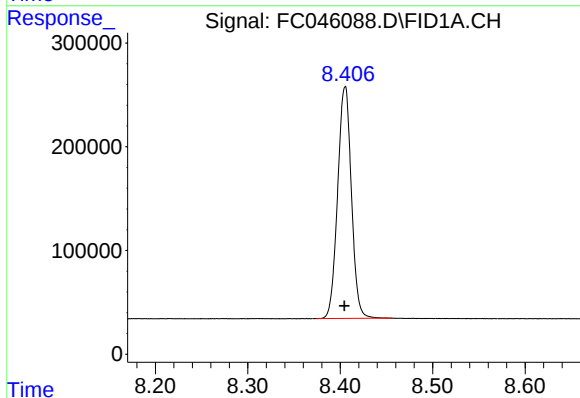
#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: 0.002 min
Response: 2325900
Conc: 22.80 ug/ml



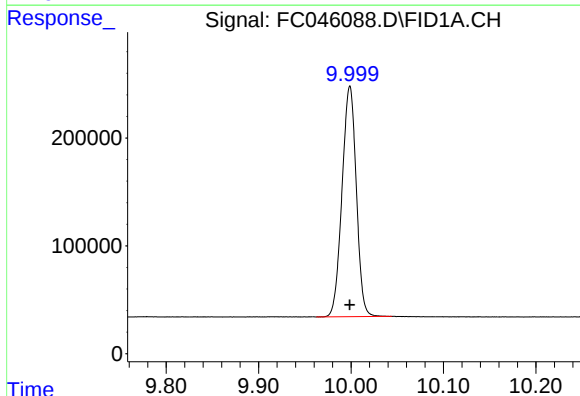
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: 0.002 min
Response: 2540660
Conc: 22.84 ug/ml



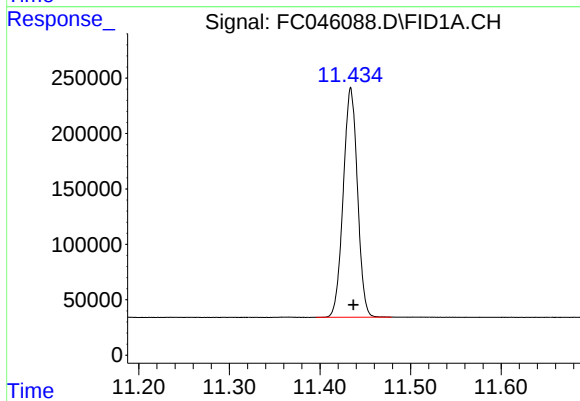
#6 n-Tetradecane (C14)

R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 2314629
Conc: 22.61 ug/ml



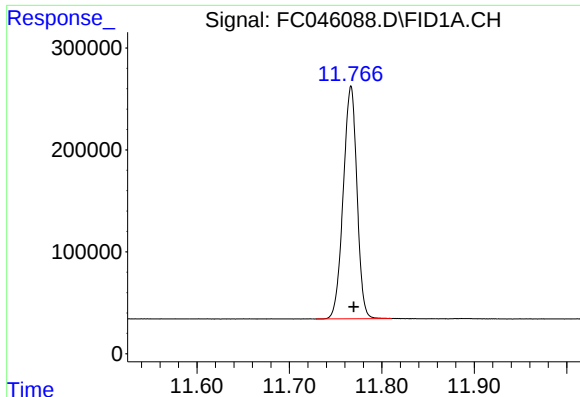
#7 n-Hexadecane (C16)

R.T.: 9.999 min
Delta R.T.: 0.000 min
Response: 2292056
Conc: 22.14 ug/ml



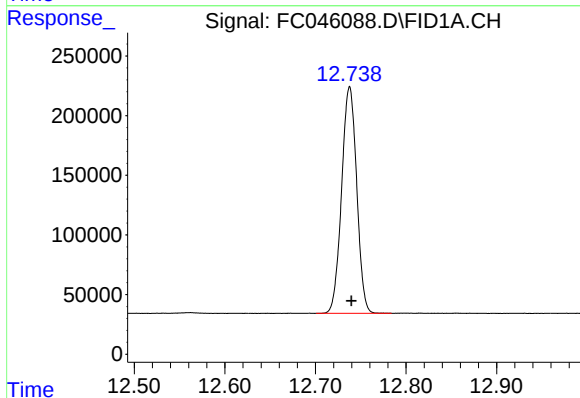
#8 n-Octadecane (C18)

R.T.: 11.434 min
Delta R.T.: -0.003 min
Response: 2259864
Conc: 21.50 ug/ml



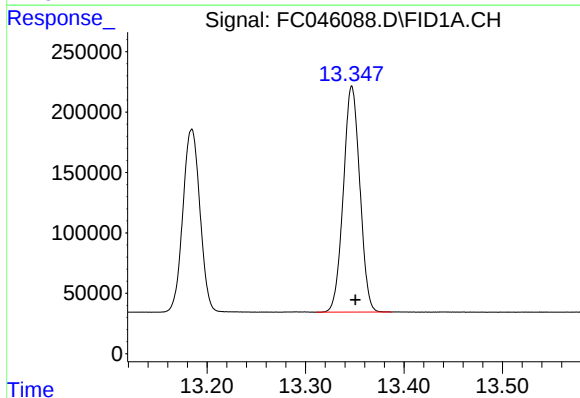
#9 ortho-Terphenyl (SURR)

R.T.: 11.767 min
Delta R.T.: -0.003 min
Response: 2356700
Conc: 20.66 ug/ml



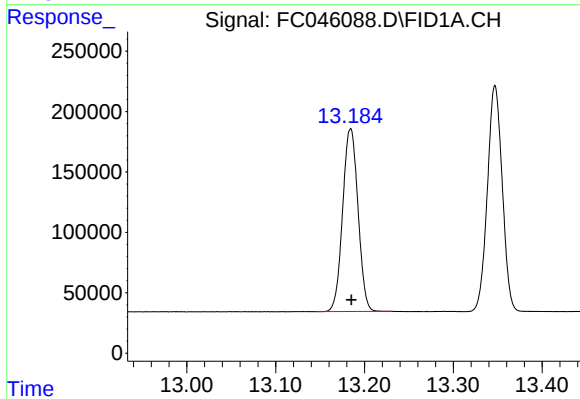
#10 n-Eicosane (C20)

R.T.: 12.738 min
Delta R.T.: -0.002 min
Response: 2195793
Conc: 20.77 ug/ml



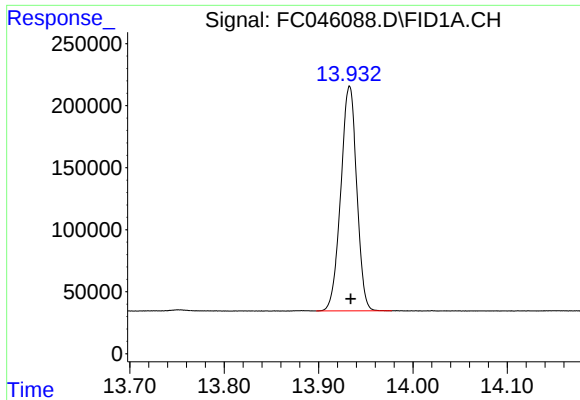
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: -0.004 min
Response: 2174275
Conc: 20.39 ug/ml



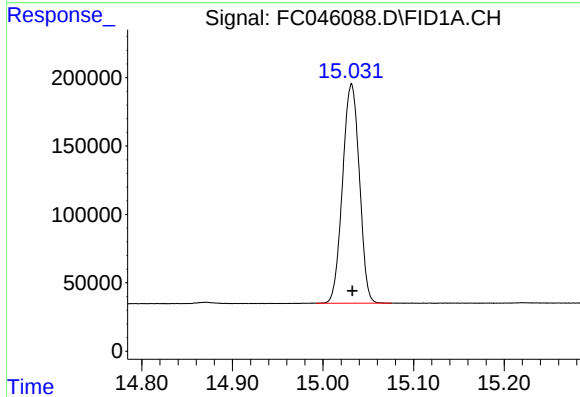
#12 1-chlorooctadecane (SURR)

R.T.: 13.184 min
Delta R.T.: -0.001 min
Response: 1819065
Conc: 20.28 ug/ml



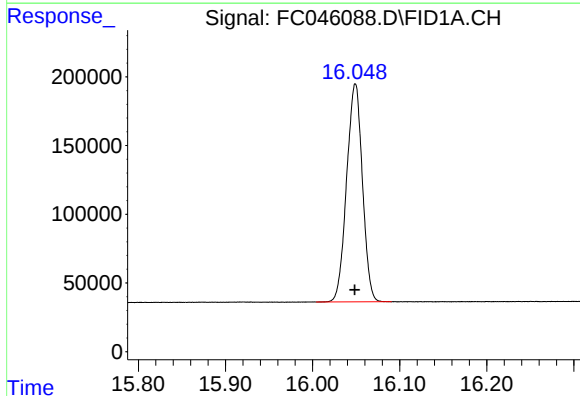
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: -0.001 min
Response: 2127734
Conc: 20.02 ug/ml



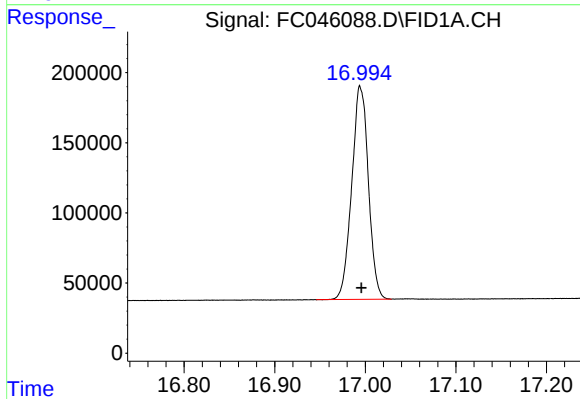
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: 0.000 min
Response: 2068192
Conc: 19.32 ug/ml



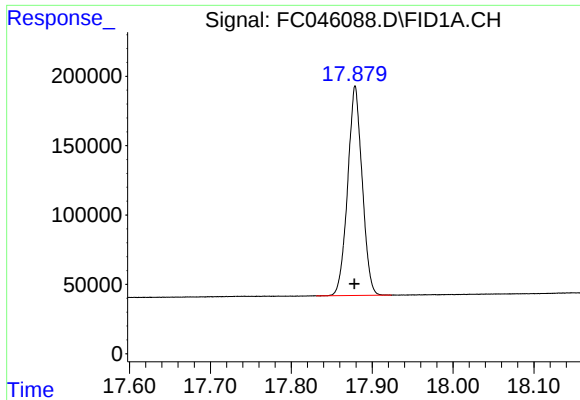
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: 0.000 min
Response: 1997241
Conc: 18.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.994 min
Delta R.T.: -0.001 min
Response: 1941716
Conc: 18.55 ug/ml



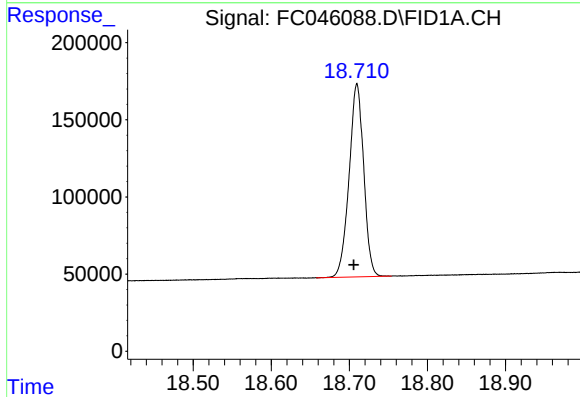
#17 n-Tricontane (C30)

R.T.: 17.879 min

Delta R.T.: 0.000 min

Response: 1882098

Conc: 18.68 ug/ml



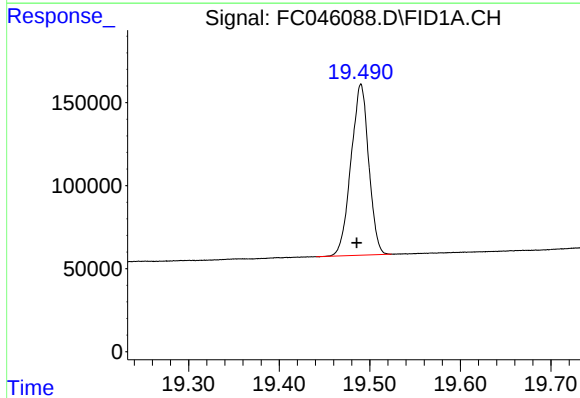
#18 n-Dotriacontane (C32)

R.T.: 18.710 min

Delta R.T.: 0.004 min

Response: 1623797

Conc: 18.97 ug/ml



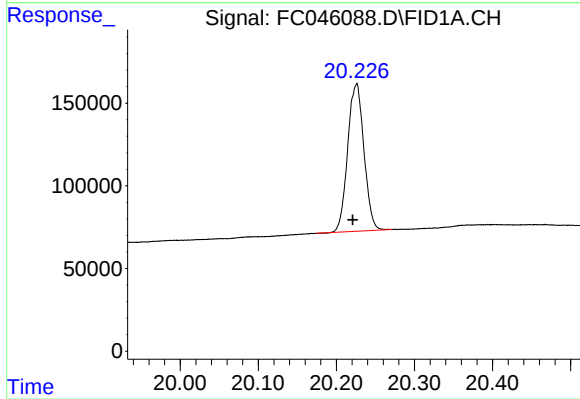
#19 n-Tetratriacontane (C34)

R.T.: 19.490 min

Delta R.T.: 0.005 min

Response: 1399511

Conc: 19.28 ug/ml



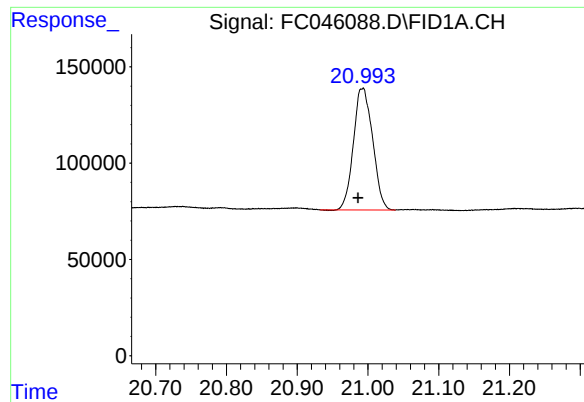
#20 n-Hexatriacontane (C36)

R.T.: 20.226 min

Delta R.T.: 0.005 min

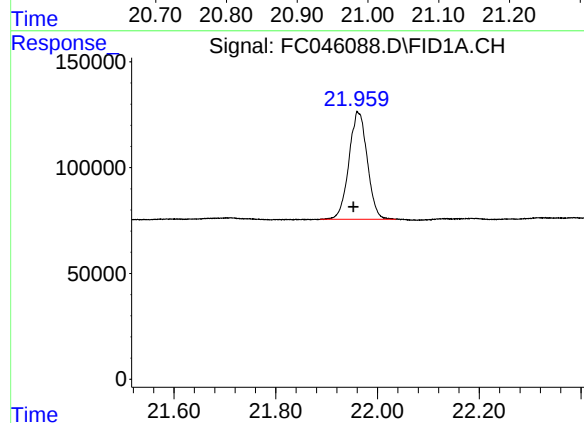
Response: 1288140

Conc: 19.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.992 min
Delta R.T.: 0.006 min
Response: 1188686
Conc: 19.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: 0.008 min
Response: 1268253
Conc: 20.17 ug/ml