

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021020AL\
 Data File : FC045731.D
 Signal(s) : FID1A.CH
 Acq On : 10 Feb 2020 11:21
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 11 02:13:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.766	1969845	17.919 ug/ml
Spiked Amount 50.000		Recovery =	35.84%
12) S 1-chlorooctadecane (S...	13.187	1520419	17.487 ug/ml
Spiked Amount 50.000		Recovery =	34.97%
Target Compounds			
1) T n-Nonane (C9)	3.520	1896525	19.608 ug/ml
2) T n-Decane (C10)	4.595	1937904	20.009 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2078572	19.461 ug/ml
4) T n-Dodecane (C12)	6.611	1948239	19.929 ug/ml
5) T A~2-methylnaphthalene...	7.252	2073436	19.343 ug/ml
6) T n-Tetradecane (C14)	8.400	1925955	19.544 ug/ml
7) T n-Hexadecane (C16)	9.996	1911777	19.096 ug/ml
8) T n-Octadecane (C18)	11.434	1899684	18.651 ug/ml
10) T n-Eicosane (C20)	12.738	1855735	18.095 ug/ml
11) T n-Heneicosane (C21)	13.350	1836406	17.742 ug/ml
13) T n-Docosane (C22)	13.935	1803425	17.479 ug/ml
14) T n-Tetracosane (C24)	15.033	1766344	16.998 ug/ml
15) T n-Hexacosane (C26)	16.052	1741545	16.857 ug/ml
16) T n-Octacosane (C28)	16.999	1751947	17.140 ug/ml
17) T n-Tricontane (C30)	17.885	1762909	17.958 ug/ml
18) T n-Dotriacontane (C32)	18.712	1545762	18.577 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1333882	18.849 ug/ml
20) T n-Hexatriacontane (C36)	20.231	1223679	19.084 ug/mlm
21) T n-Octatriacontane (C38)	21.000	1194368	20.420 ug/ml
22) T n-Tetracontane (C40)	21.972	1121253	19.007 ug/ml

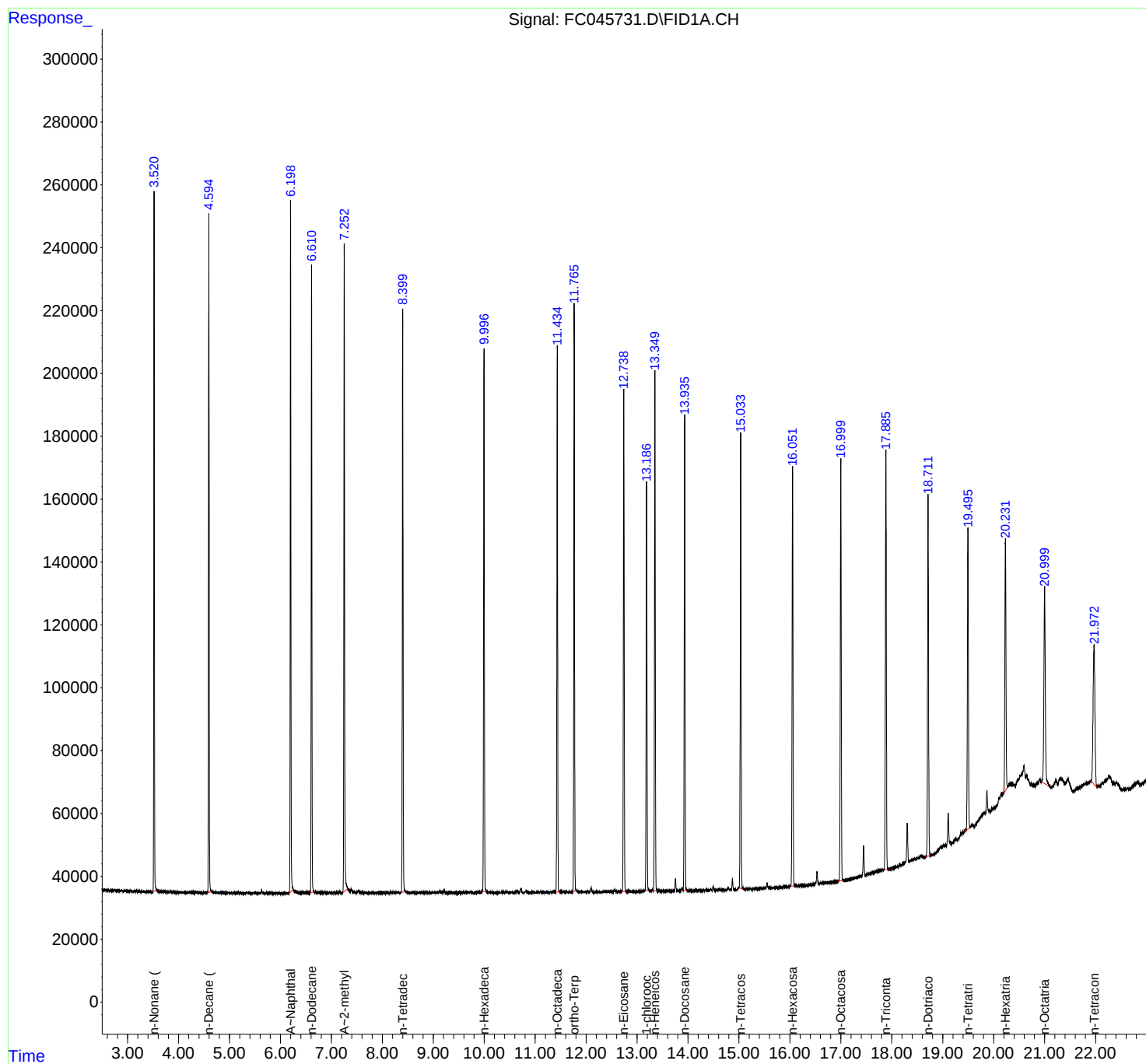
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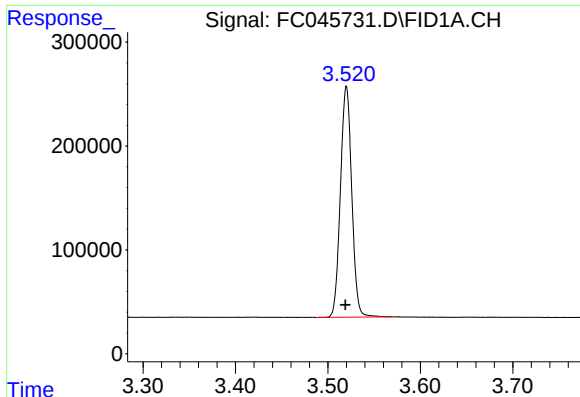
(m)=manual int.

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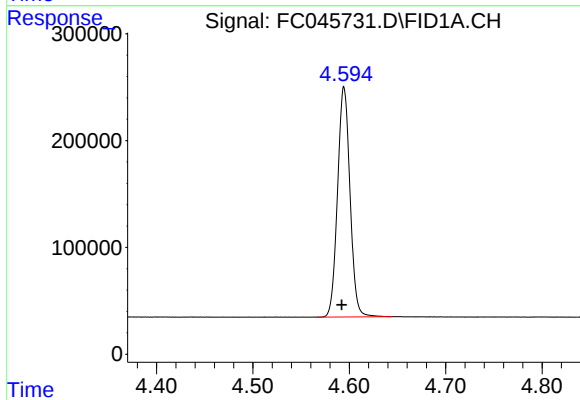
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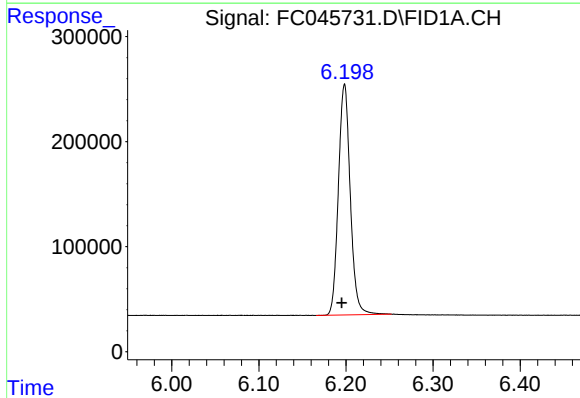
#1 n-Nonane (C9)

R.T.: 3.520 min
Delta R.T.: 0.001 min
Response: 1896525
Conc: 19.61 ug/ml



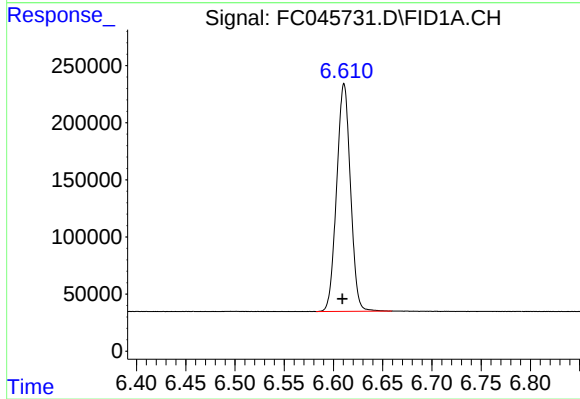
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.002 min
Response: 1937904
Conc: 20.01 ug/ml



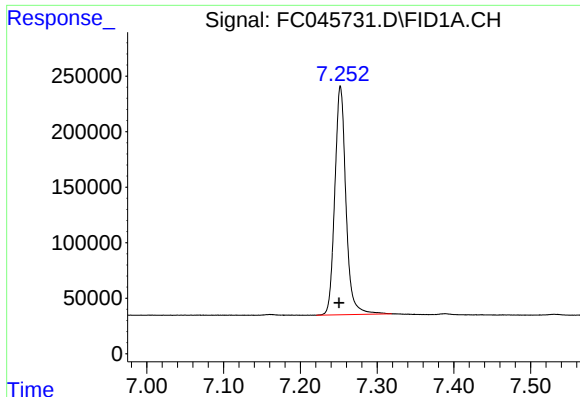
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 2078572
Conc: 19.46 ug/ml



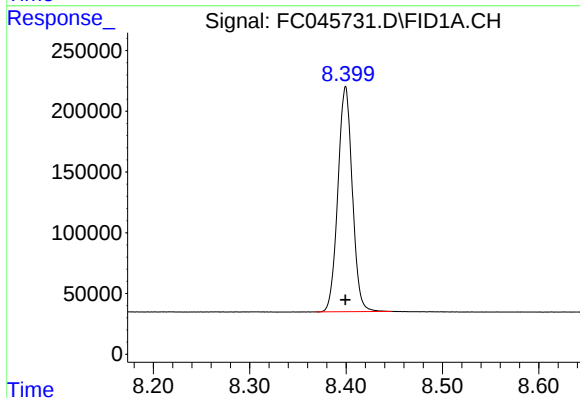
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: 0.002 min
Response: 1948239
Conc: 19.93 ug/ml



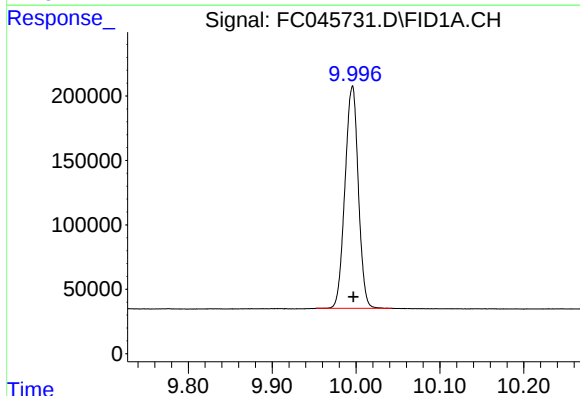
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.252 min
Delta R.T.: 0.002 min
Response: 2073436
Conc: 19.34 ug/ml



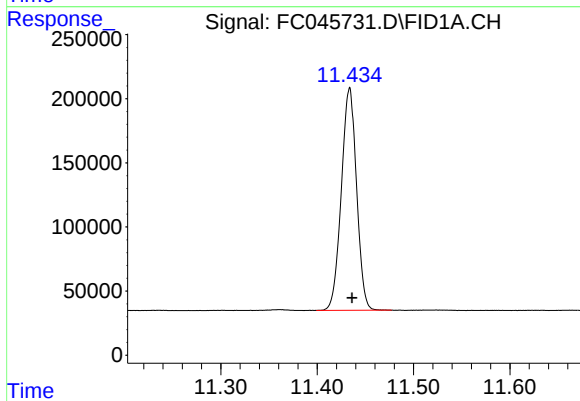
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 1925955
Conc: 19.54 ug/ml



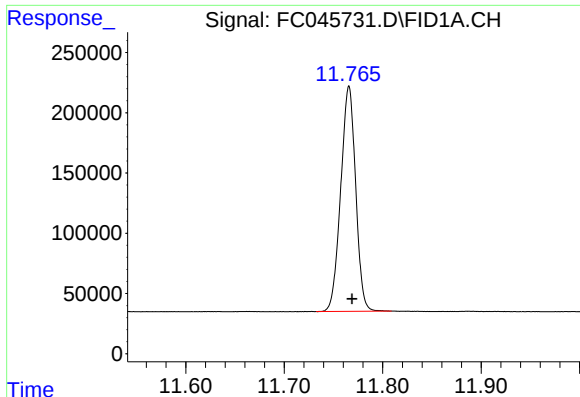
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 1911777
Conc: 19.10 ug/ml



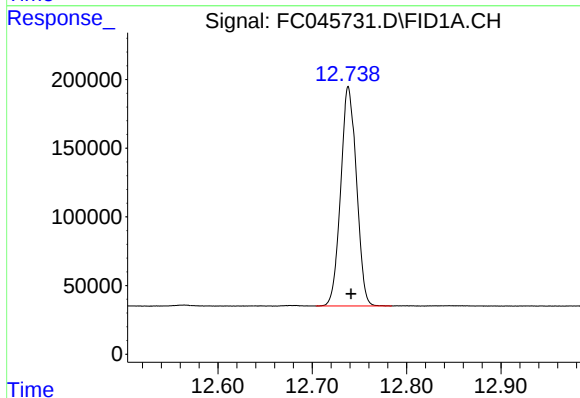
#8 n-Octadecane (C18)

R.T.: 11.434 min
Delta R.T.: -0.003 min
Response: 1899684
Conc: 18.65 ug/ml



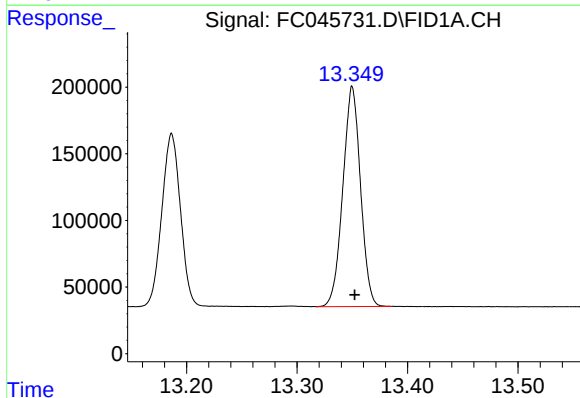
#9 ortho-Terphenyl (SURR)

R.T.: 11.766 min
Delta R.T.: -0.003 min
Response: 1969845
Conc: 17.92 ug/ml



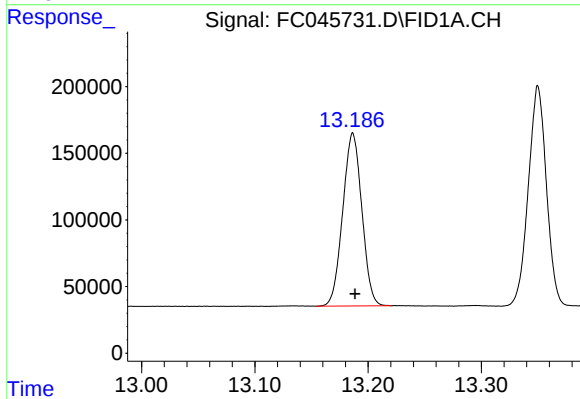
#10 n-Eicosane (C20)

R.T.: 12.738 min
Delta R.T.: -0.003 min
Response: 1855735
Conc: 18.10 ug/ml



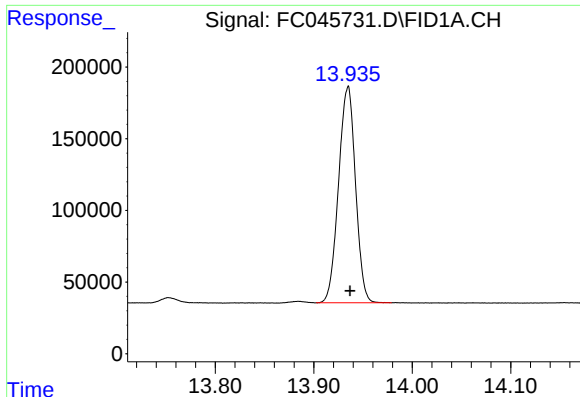
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: -0.002 min
Response: 1836406
Conc: 17.74 ug/ml



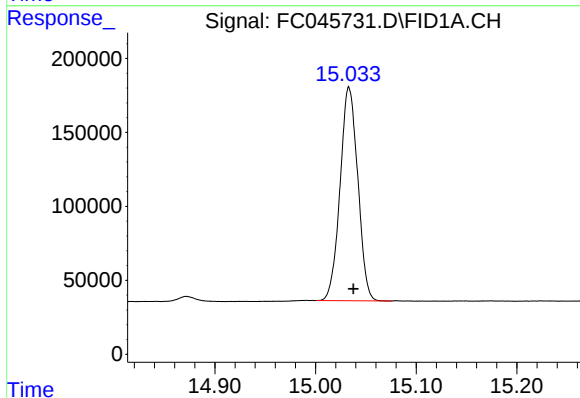
#12 1-chlorooctadecane (SURR)

R.T.: 13.187 min
Delta R.T.: -0.002 min
Response: 1520419
Conc: 17.49 ug/ml



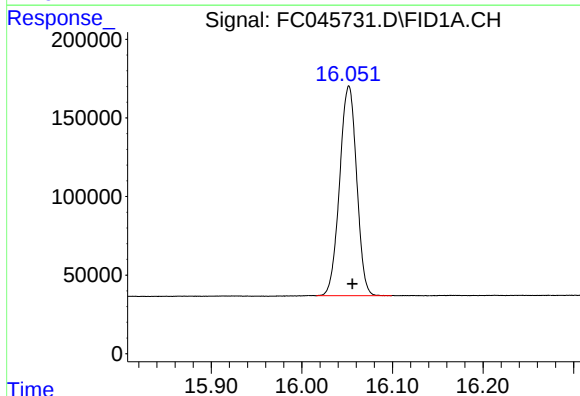
#13 n-Docosane (C22)

R.T.: 13.935 min
Delta R.T.: -0.002 min
Response: 1803425
Conc: 17.48 ug/ml



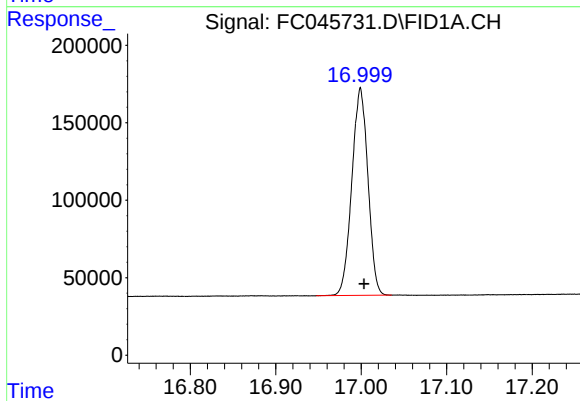
#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: -0.004 min
Response: 1766344
Conc: 17.00 ug/ml



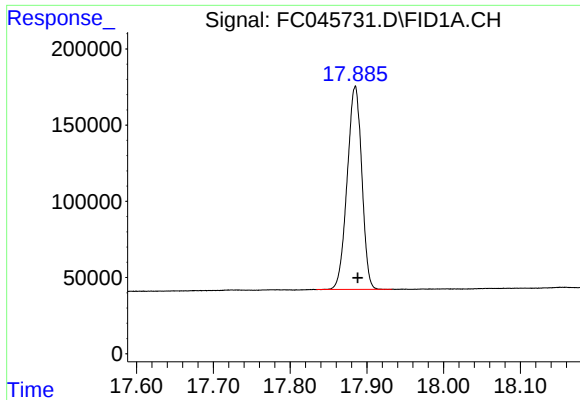
#15 n-Hexacosane (C26)

R.T.: 16.052 min
Delta R.T.: -0.004 min
Response: 1741545
Conc: 16.86 ug/ml



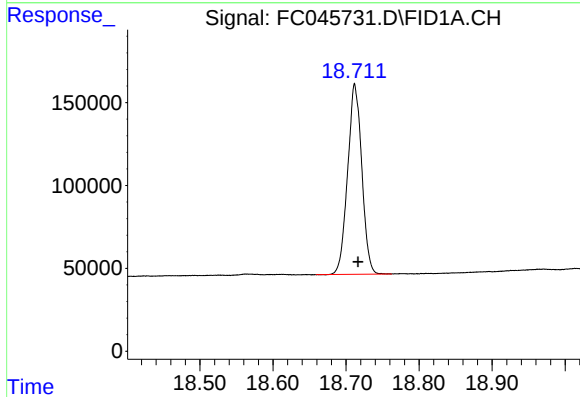
#16 n-Octacosane (C28)

R.T.: 16.999 min
Delta R.T.: -0.004 min
Response: 1751947
Conc: 17.14 ug/ml



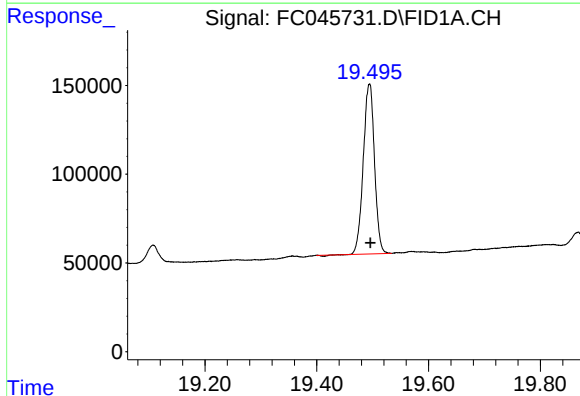
#17 n-Tricontane (C30)

R.T.: 17.885 min
Delta R.T.: -0.003 min
Response: 1762909
Conc: 17.96 ug/ml



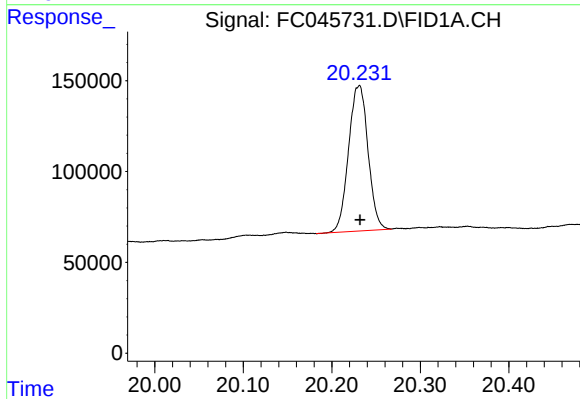
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: -0.005 min
Response: 1545762
Conc: 18.58 ug/ml



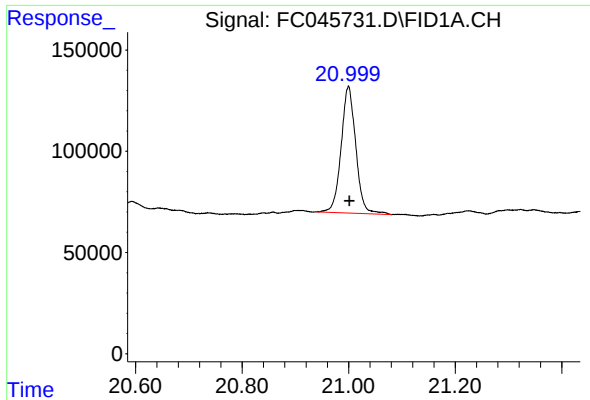
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: -0.002 min
Response: 1333882
Conc: 18.85 ug/ml



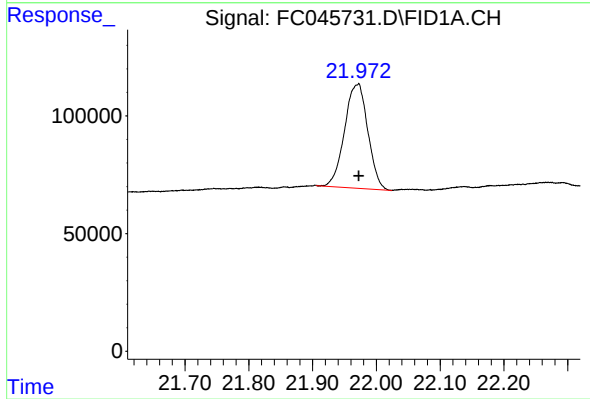
#20 n-Hexatriacontane (C36)

R.T.: 20.231 min
Delta R.T.: 0.000 min
Response: 1223679
Conc: 19.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.000 min
Delta R.T.: -0.002 min
Response: 1194368
Conc: 20.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.000 min
Response: 1121253
Conc: 19.01 ug/ml