

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021020AL\
 Data File : FC045752.D
 Signal(s) : FID1A.CH
 Acq On : 11 Feb 2020 3:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 11 04:55:32 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)	11.763	2026601	18.435 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
12) S 1-chlorooctadecane (S...	13.184	1566733	18.020 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
Target Compounds			
1) T n-Nonane (C9)	3.523	1964734	20.313 ug/ml
2) T n-Decane (C10)	4.597	2005900	20.711 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2153611	20.164 ug/ml
4) T n-Dodecane (C12)	6.613	2018820	20.651 ug/ml
5) T A~2-methylnaphthalene...	7.253	2149804	20.055 ug/ml
6) T n-Tetradecane (C14)	8.400	1994152	20.236 ug/ml
7) T n-Hexadecane (C16)	9.995	1972963	19.707 ug/ml
8) T n-Octadecane (C18)	11.432	1943897	19.085 ug/ml
10) T n-Eicosane (C20)	12.737	1896666	18.494 ug/ml
11) T n-Heneicosane (C21)	13.347	1878433	18.148 ug/ml
13) T n-Docosane (C22)	13.930	1856838	17.996 ug/ml
14) T n-Tetracosane (C24)	15.030	1809223	17.411 ug/ml
15) T n-Hexacosane (C26)	16.049	1785208	17.279 ug/ml
16) T n-Octacosane (C28)	16.996	1801801	17.628 ug/ml
17) T n-Tricontane (C30)	17.880	1822753	18.567 ug/ml
18) T n-Dotriacontane (C32)	18.709	1610229	19.351 ug/ml
19) T n-Tetratriacontane (C34)	19.491	1369873	19.357 ug/ml
20) T n-Hexatriacontane (C36)	20.228	1235381	19.267 ug/ml
21) T n-Octatriacontane (C38)	20.997	1138000	19.457 ug/ml
22) T n-Tetracontane (C40)	21.961	1149231	19.481 ug/ml

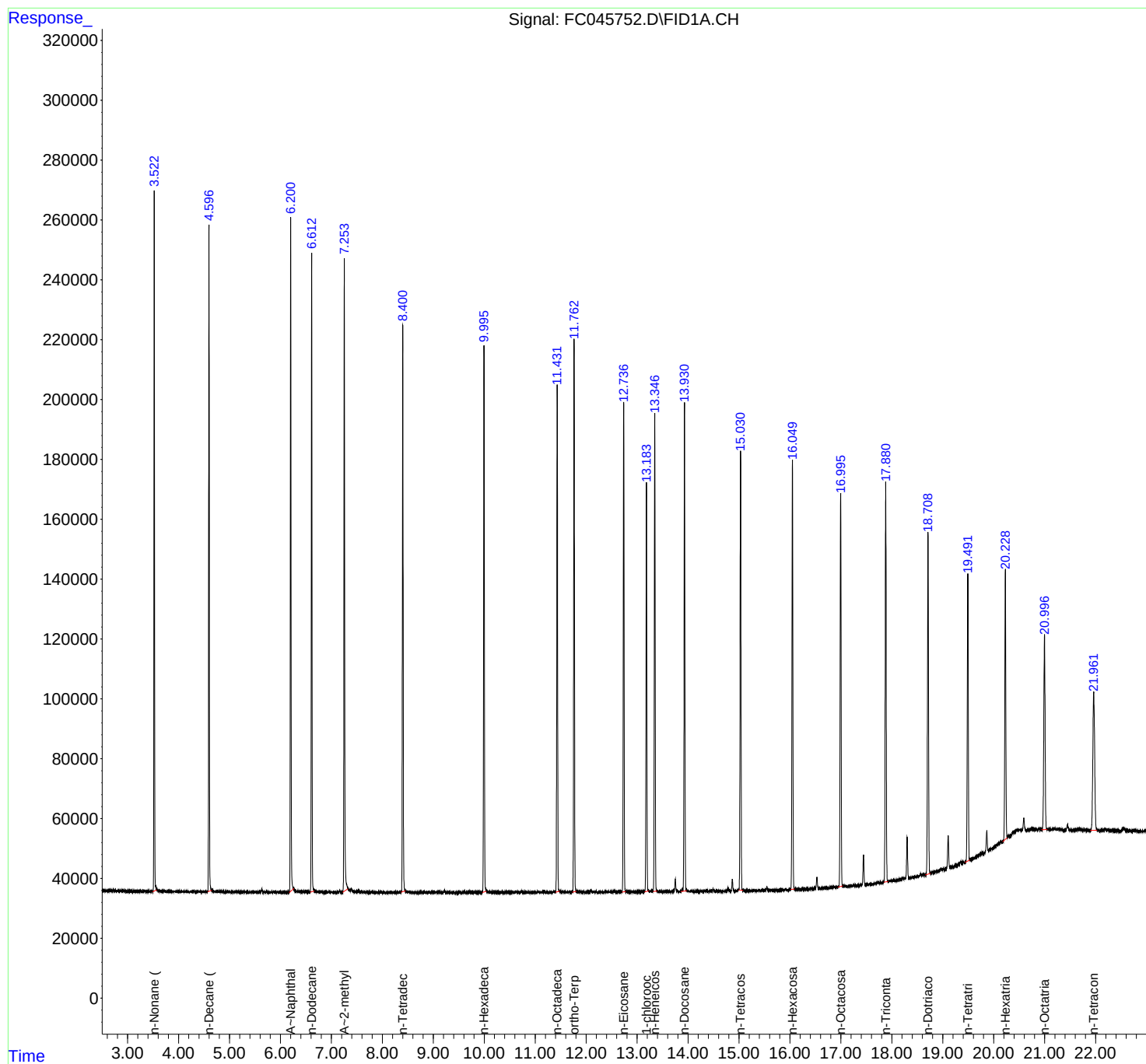
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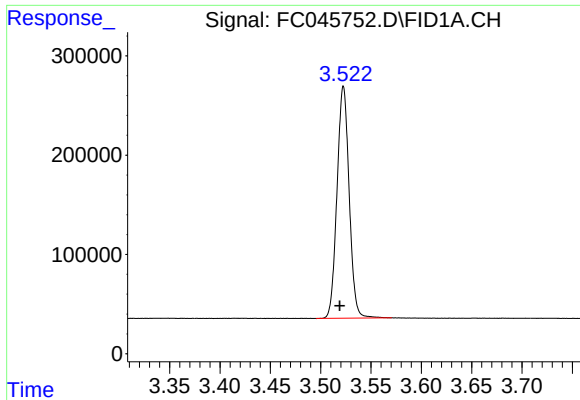
(m)=manual int.

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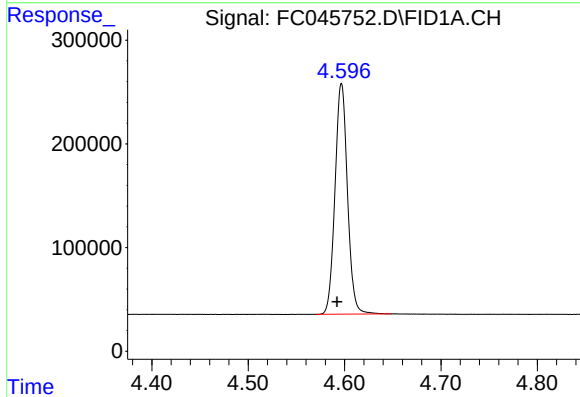
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





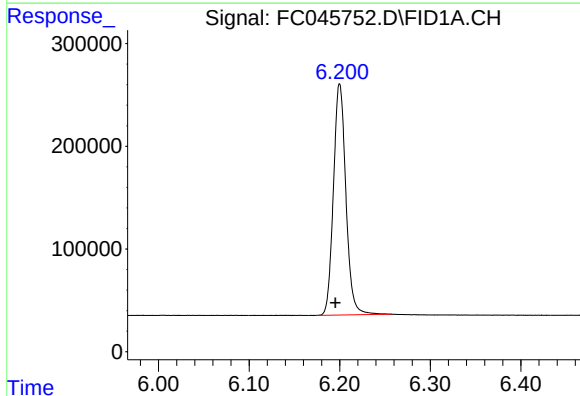
#1 n-Nonane (C9)

R.T.: 3.523 min
Delta R.T.: 0.004 min
Response: 1964734
Conc: 20.31 ug/ml



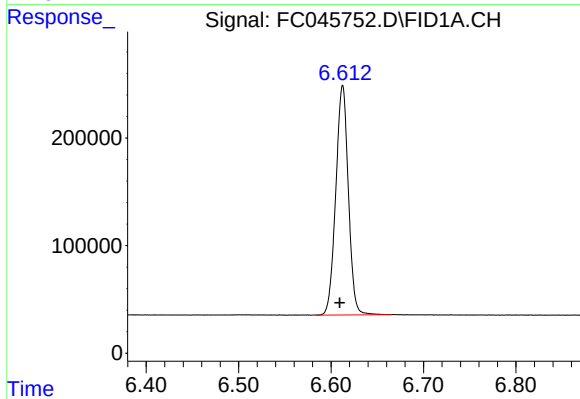
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.005 min
Response: 2005900
Conc: 20.71 ug/ml



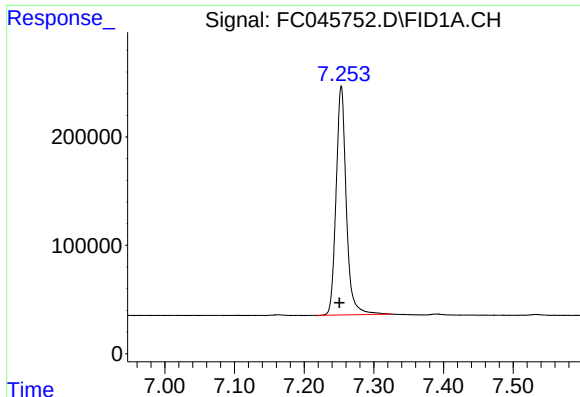
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 2153611
Conc: 20.16 ug/ml



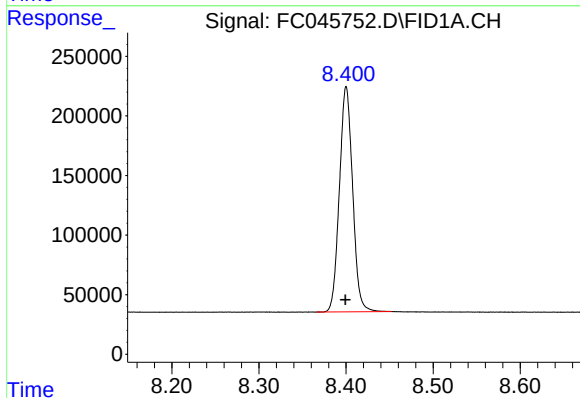
#4 n-Dodecane (C12)

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 2018820
Conc: 20.65 ug/ml



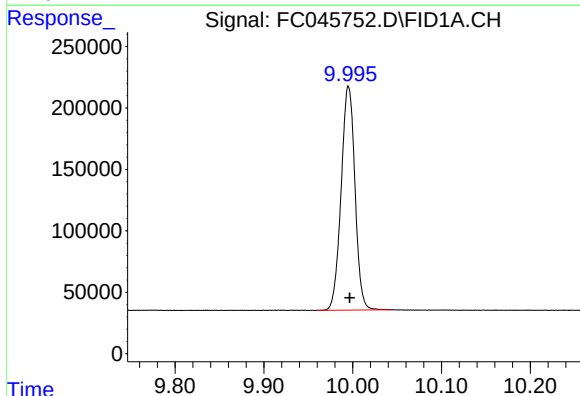
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.003 min
Response: 2149804
Conc: 20.06 ug/ml



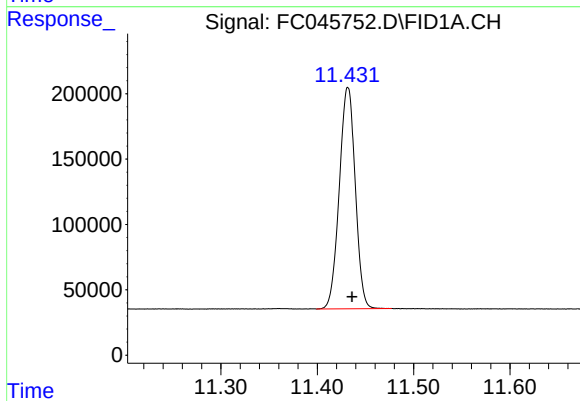
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 1994152
Conc: 20.24 ug/ml



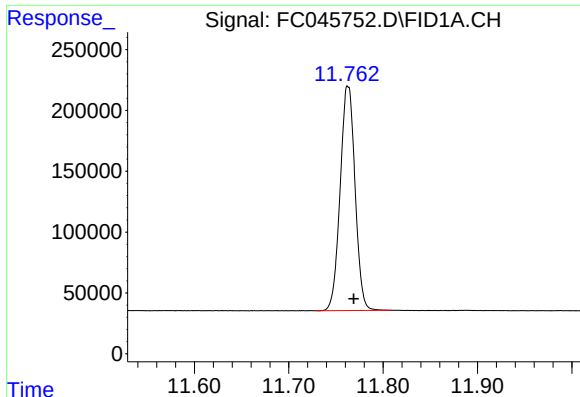
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.001 min
Response: 1972963
Conc: 19.71 ug/ml



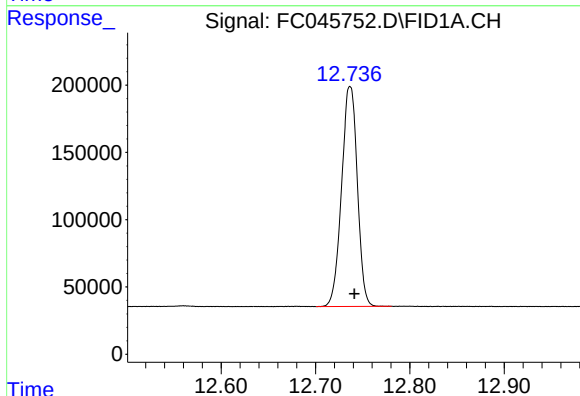
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.004 min
Response: 1943897
Conc: 19.09 ug/ml



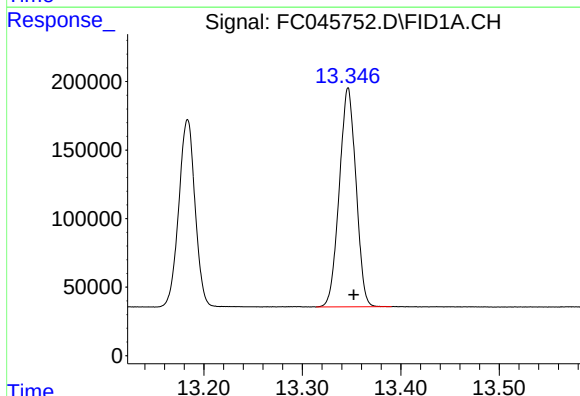
#9 ortho-Terphenyl (SURR)

R.T.: 11.763 min
Delta R.T.: -0.006 min
Response: 2026601
Conc: 18.44 ug/ml



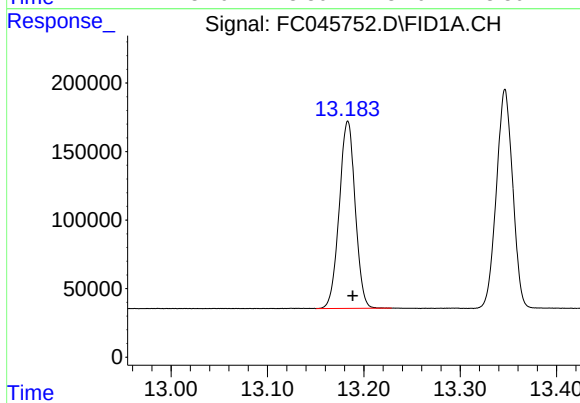
#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: -0.005 min
Response: 1896666
Conc: 18.49 ug/ml



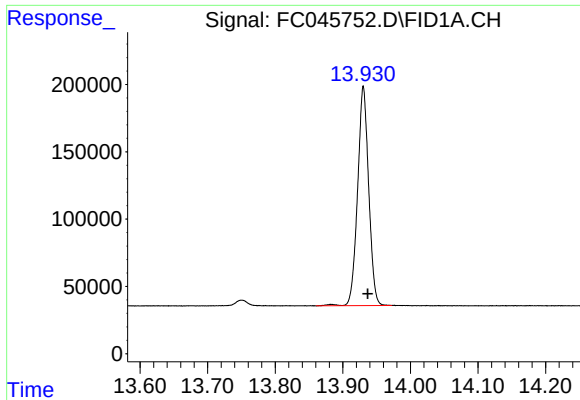
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: -0.006 min
Response: 1878433
Conc: 18.15 ug/ml



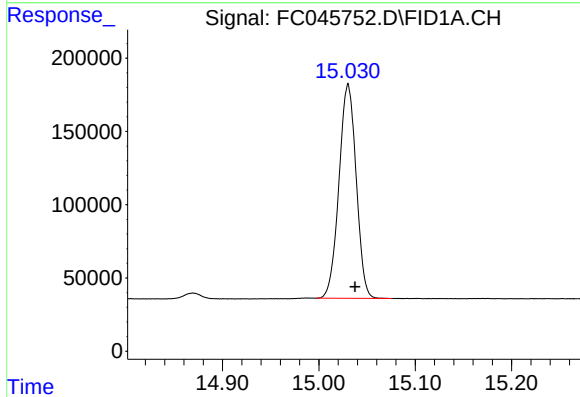
#12 1-chlorooctadecane (SURR)

R.T.: 13.184 min
Delta R.T.: -0.005 min
Response: 1566733
Conc: 18.02 ug/ml



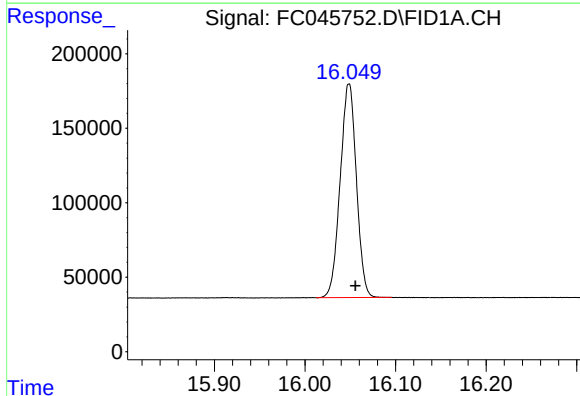
#13 n-Docosane (C22)

R.T.: 13.930 min
Delta R.T.: -0.007 min
Response: 1856838
Conc: 18.00 ug/ml



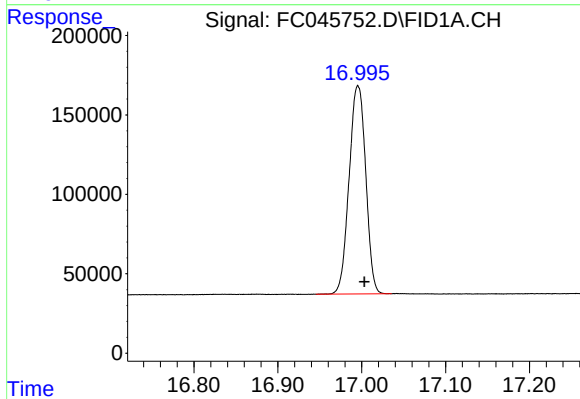
#14 n-Tetracosane (C24)

R.T.: 15.030 min
Delta R.T.: -0.007 min
Response: 1809223
Conc: 17.41 ug/ml



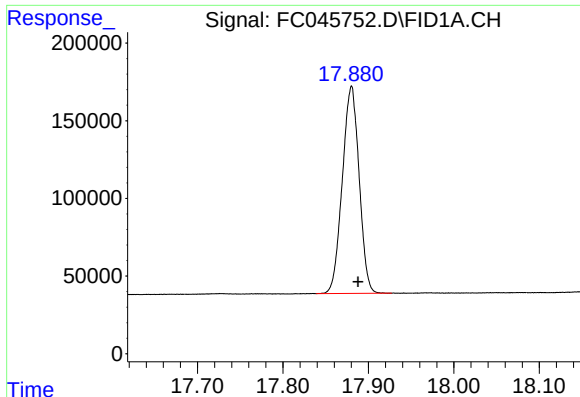
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: -0.007 min
Response: 1785208
Conc: 17.28 ug/ml



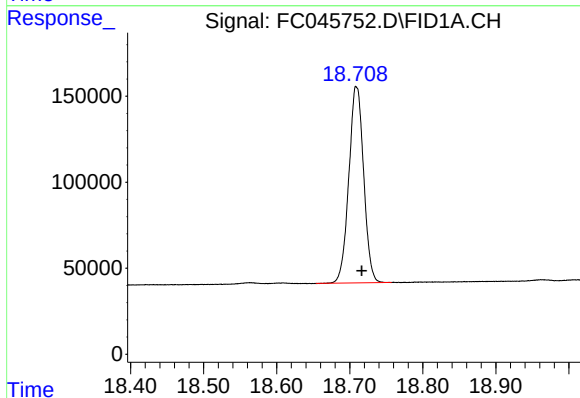
#16 n-Octacosane (C28)

R.T.: 16.996 min
Delta R.T.: -0.008 min
Response: 1801801
Conc: 17.63 ug/ml



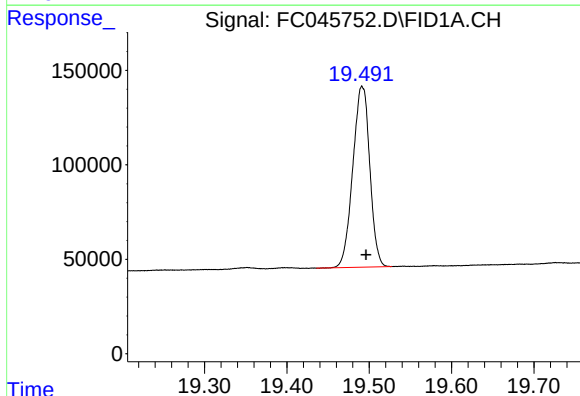
#17 n-Tricontane (C30)

R.T.: 17.880 min
Delta R.T.: -0.008 min
Response: 1822753
Conc: 18.57 ug/ml



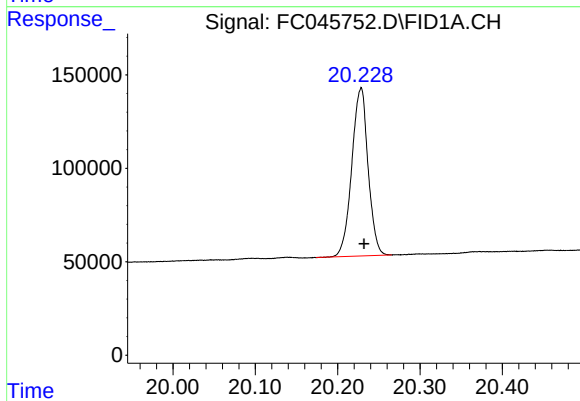
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: -0.007 min
Response: 1610229
Conc: 19.35 ug/ml



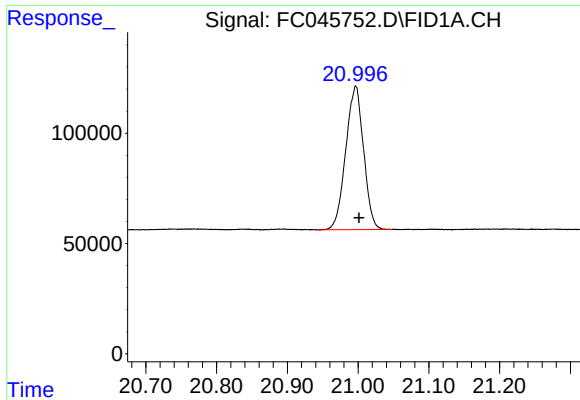
#19 n-Tetratriacontane (C34)

R.T.: 19.491 min
Delta R.T.: -0.005 min
Response: 1369873
Conc: 19.36 ug/ml



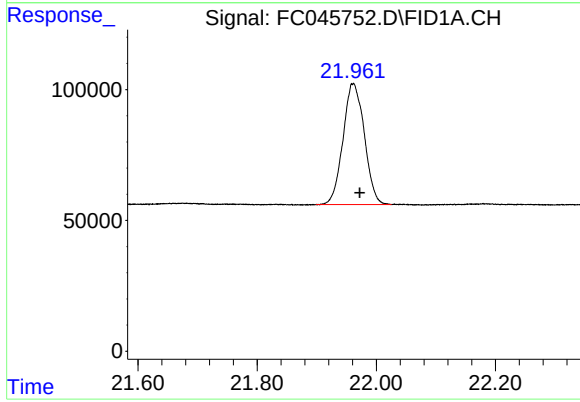
#20 n-Hexatriacontane (C36)

R.T.: 20.228 min
Delta R.T.: -0.004 min
Response: 1235381
Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.997 min
Delta R.T.: -0.005 min
Response: 1138000
Conc: 19.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: -0.011 min
Response: 1149231
Conc: 19.48 ug/ml