

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013020AL\
 Data File : FC045544.D
 Signal(s) : FID1A.CH
 Acq On : 30 Jan 2020 9:31
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 00:54:45 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)	11.764	2244937	20.422 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	13.183	1740475	20.018 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T n-Nonane (C9)	3.523	2139733	22.122 ug/ml
2) T n-Decane (C10)	4.595	2204570	22.762 ug/ml
3) T A~Naphthalene (C11.7)	6.197	2394859	22.423 ug/ml
4) T n-Dodecane (C12)	6.610	2221502	22.724 ug/ml
5) T A~2-methylnaphthalene...	7.251	2406032	22.445 ug/ml
6) T n-Tetradecane (C14)	8.399	2193311	22.257 ug/ml
7) T n-Hexadecane (C16)	9.995	2174195	21.717 ug/ml
8) T n-Octadecane (C18)	11.431	2148922	21.098 ug/ml
10) T n-Eicosane (C20)	12.737	2100615	20.483 ug/ml
11) T n-Heneicosane (C21)	13.346	2081992	20.114 ug/ml
13) T n-Docosane (C22)	13.932	2044952	19.820 ug/ml
14) T n-Tetracosane (C24)	15.032	1997991	19.227 ug/ml
15) T n-Hexacosane (C26)	16.049	1945328	18.829 ug/ml
16) T n-Octacosane (C28)	16.997	1915201	18.738 ug/ml
17) T n-Tricontane (C30)	17.881	1893096	19.284 ug/ml
18) T n-Dotriacontane (C32)	18.711	1650726	19.838 ug/ml
19) T n-Tetratriacontane (C34)	19.492	1397343	19.746 ug/ml
20) T n-Hexatriacontane (C36)	20.230	1266585	19.754 ug/ml
21) T n-Octatriacontane (C38)	20.998	1170341	20.009 ug/ml
22) T n-Tetracontane (C40)	21.965	1191993	20.206 ug/ml

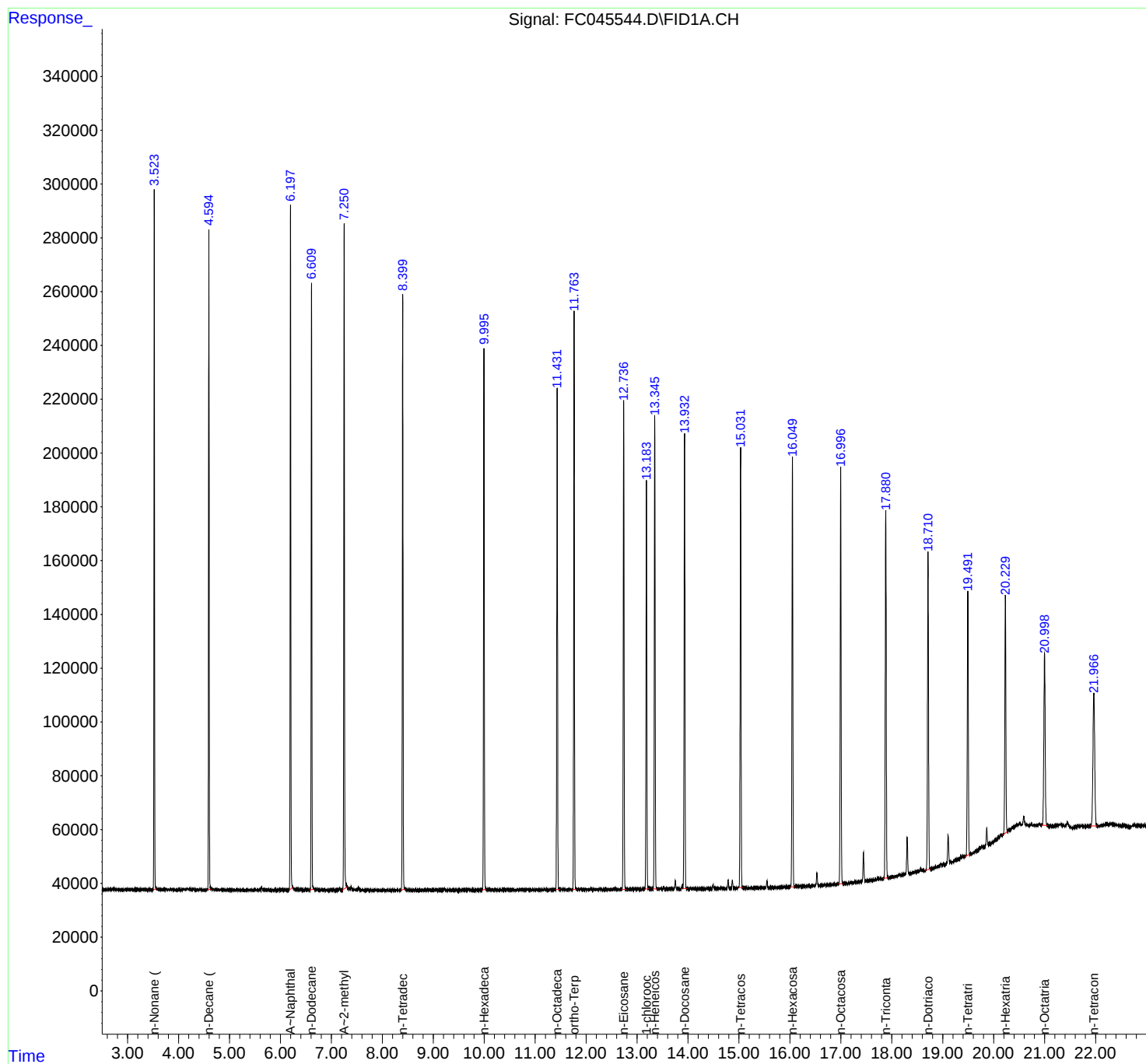
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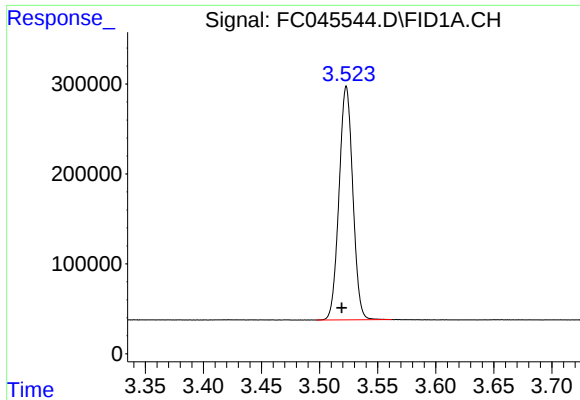
(m)=manual int.

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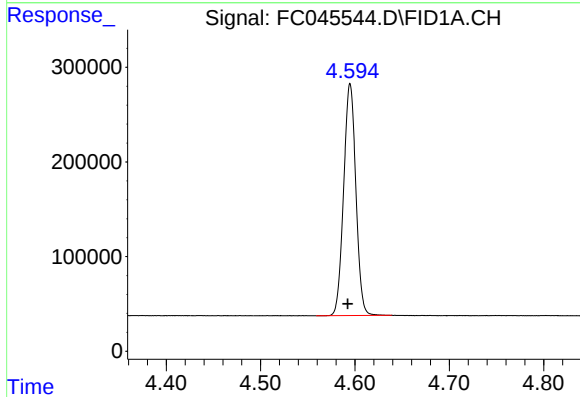
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





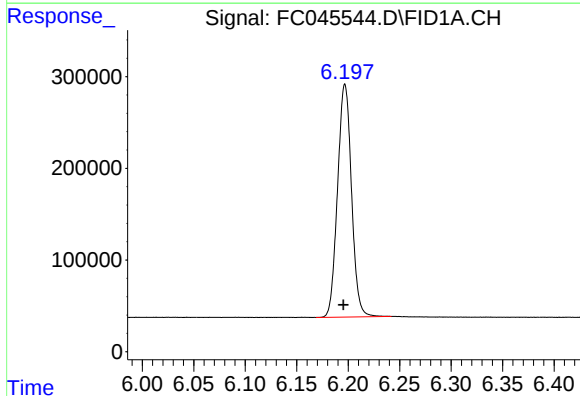
#1 n-Nonane (C9)

R.T.: 3.523 min
Delta R.T.: 0.004 min
Response: 2139733
Conc: 22.12 ug/ml



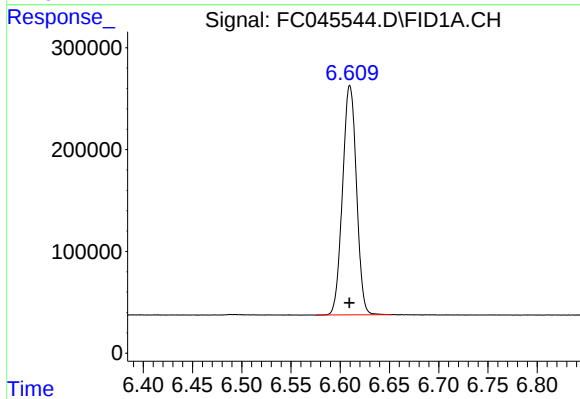
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.003 min
Response: 2204570
Conc: 22.76 ug/ml



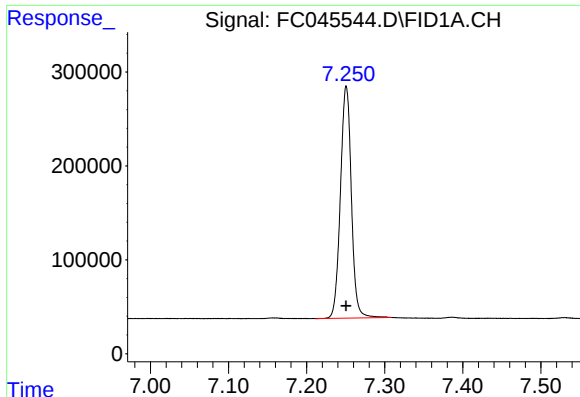
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 2394859
Conc: 22.42 ug/ml



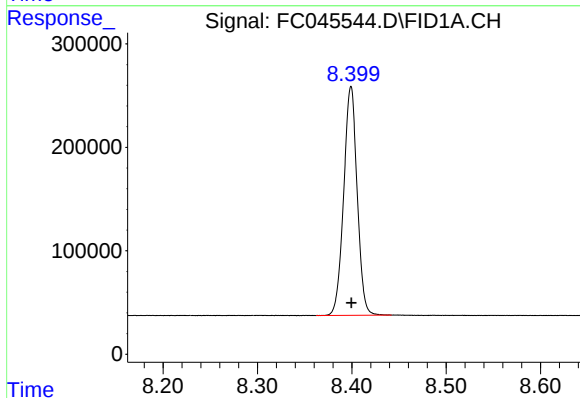
#4 n-Dodecane (C12)

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 2221502
Conc: 22.72 ug/ml



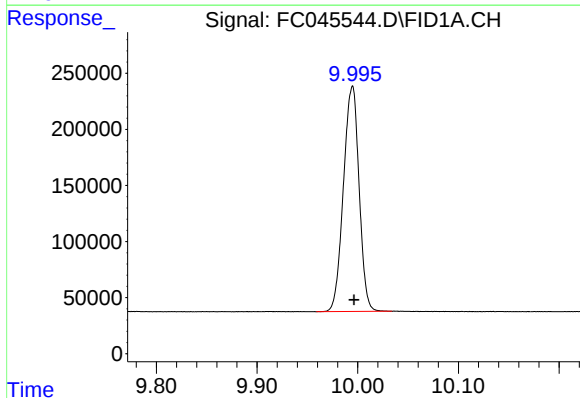
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 2406032
Conc: 22.45 ug/ml



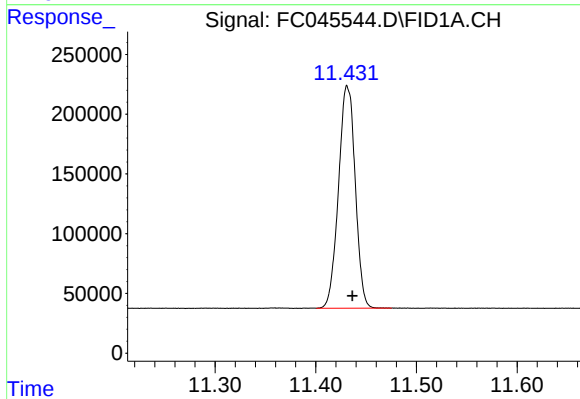
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.000 min
Response: 2193311
Conc: 22.26 ug/ml



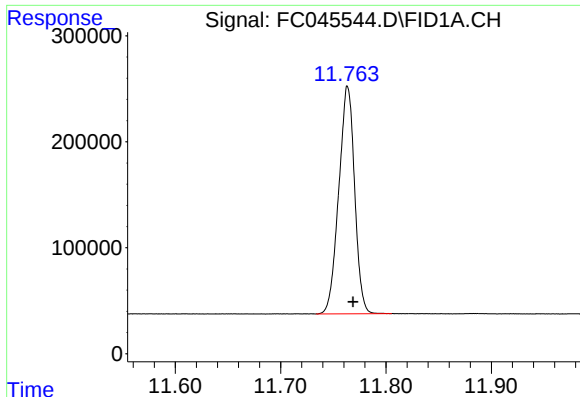
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 2174195
Conc: 21.72 ug/ml



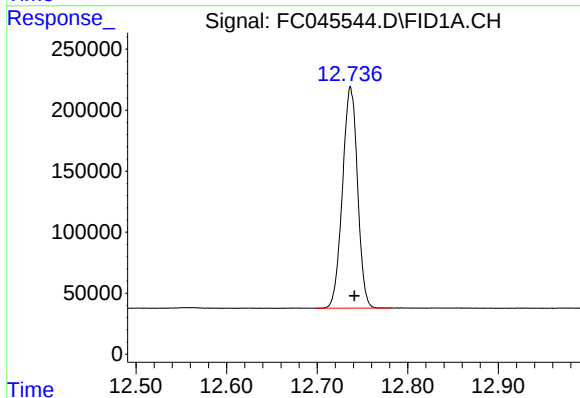
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: -0.005 min
Response: 2148922
Conc: 21.10 ug/ml



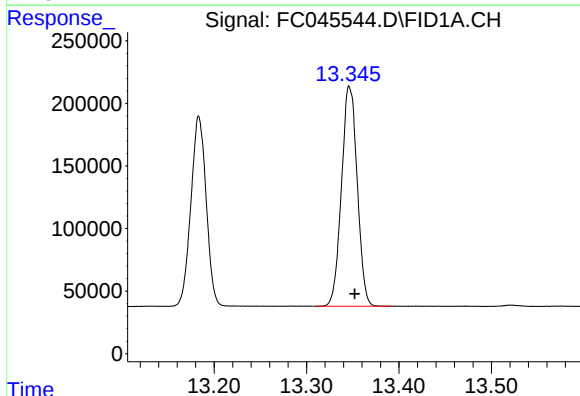
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: -0.005 min
Response: 2244937
Conc: 20.42 ug/ml



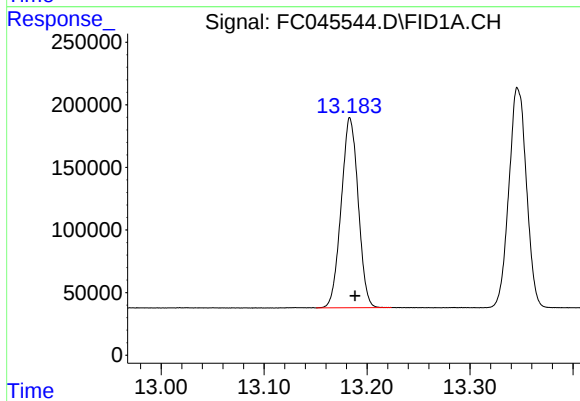
#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: -0.004 min
Response: 2100615
Conc: 20.48 ug/ml



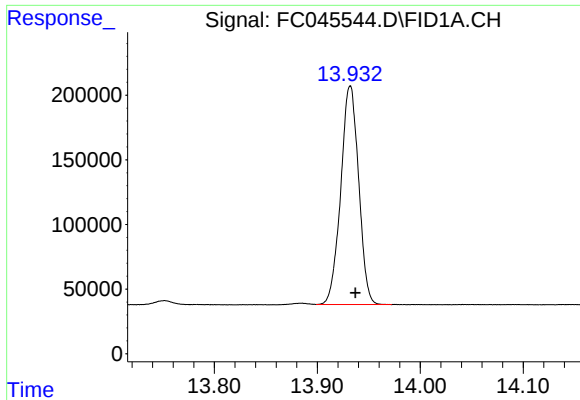
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: -0.006 min
Response: 2081992
Conc: 20.11 ug/ml



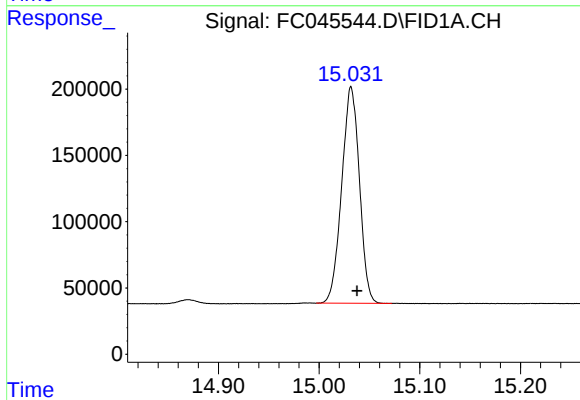
#12 1-chlorooctadecane (SURR)

R.T.: 13.183 min
Delta R.T.: -0.005 min
Response: 1740475
Conc: 20.02 ug/ml



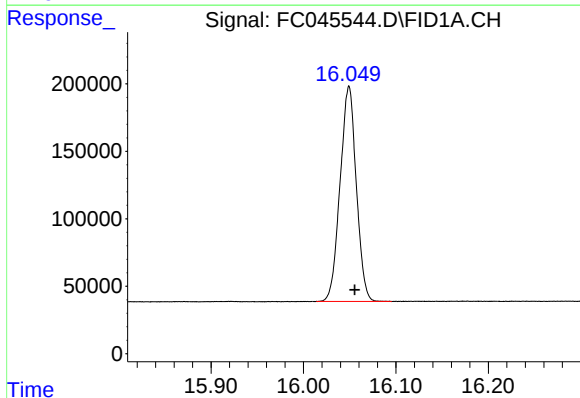
#13 n-Docosane (C22)

R.T.: 13.932 min
Delta R.T.: -0.005 min
Response: 2044952
Conc: 19.82 ug/ml



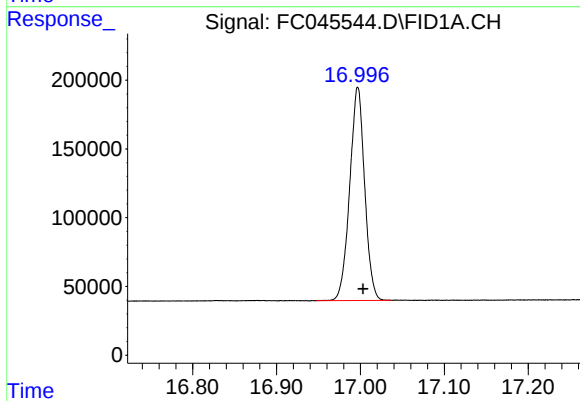
#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: -0.006 min
Response: 1997991
Conc: 19.23 ug/ml



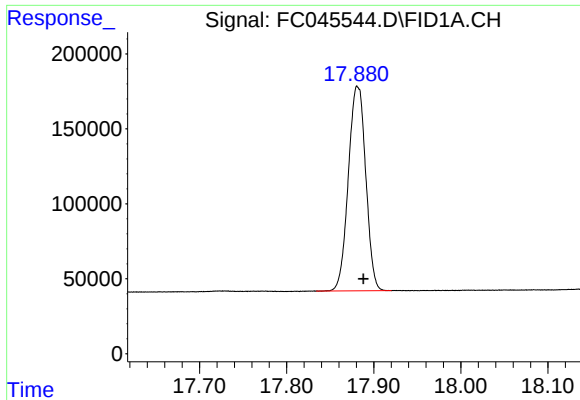
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: -0.006 min
Response: 1945328
Conc: 18.83 ug/ml



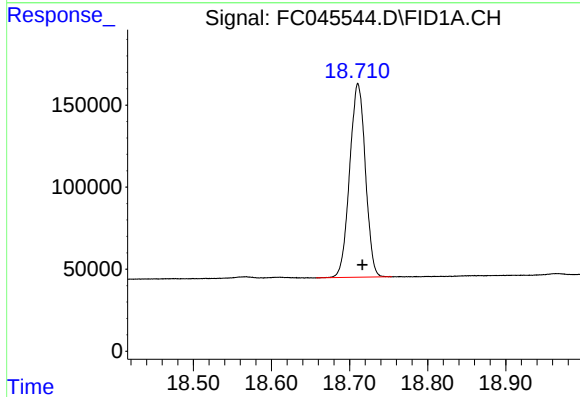
#16 n-Octacosane (C28)

R.T.: 16.997 min
Delta R.T.: -0.006 min
Response: 1915201
Conc: 18.74 ug/ml



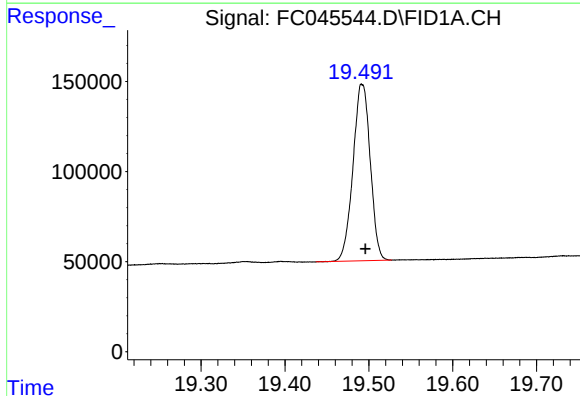
#17 n-Tricontane (C30)

R.T.: 17.881 min
Delta R.T.: -0.007 min
Response: 1893096
Conc: 19.28 ug/ml



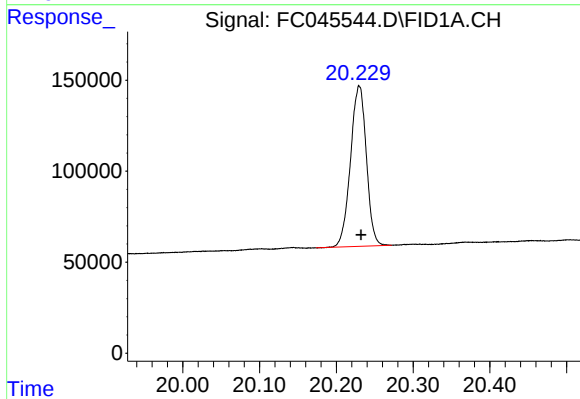
#18 n-Dotriacontane (C32)

R.T.: 18.711 min
Delta R.T.: -0.006 min
Response: 1650726
Conc: 19.84 ug/ml



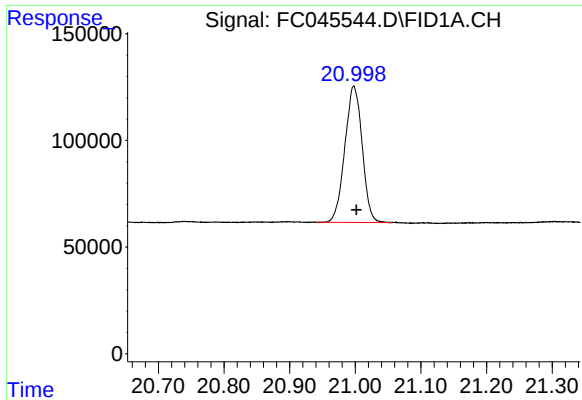
#19 n-Tetratriacontane (C34)

R.T.: 19.492 min
Delta R.T.: -0.004 min
Response: 1397343
Conc: 19.75 ug/ml



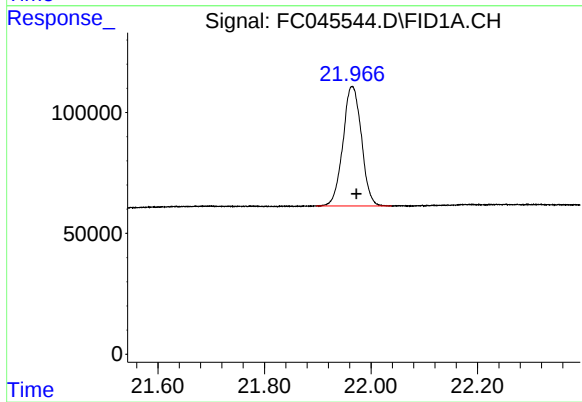
#20 n-Hexatriacontane (C36)

R.T.: 20.230 min
Delta R.T.: -0.002 min
Response: 1266585
Conc: 19.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.998 min
Delta R.T.: -0.004 min
Response: 1170341
Conc: 20.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.008 min
Response: 1191993
Conc: 20.21 ug/ml