

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020620AL\
 Data File : FC045701.D
 Signal(s) : FID1A.CH
 Acq On : 06 Feb 2020 12:31
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 04:39:23 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)	11.765	2299383	20.917 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
12) S 1-chlorooctadecane (S...	13.187	1774475	20.409 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
1) T n-Nonane (C9)	3.519	2216318	22.914 ug/ml
2) T n-Decane (C10)	4.595	2259048	23.325 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2431613	22.767 ug/ml
4) T n-Dodecane (C12)	6.612	2268859	23.208 ug/ml
5) T A~2-methylnaphthalene...	7.253	2439007	22.753 ug/ml
6) T n-Tetradecane (C14)	8.400	2243089	22.762 ug/ml
7) T n-Hexadecane (C16)	9.997	2218592	22.161 ug/ml
8) T n-Octadecane (C18)	11.434	2190638	21.508 ug/ml
10) T n-Eicosane (C20)	12.740	2142788	20.894 ug/ml
11) T n-Heneicosane (C21)	13.350	2123081	20.511 ug/ml
13) T n-Docosane (C22)	13.935	2088051	20.237 ug/ml
14) T n-Tetracosane (C24)	15.036	2053292	19.760 ug/ml
15) T n-Hexacosane (C26)	16.055	2014203	19.496 ug/ml
16) T n-Octacosane (C28)	17.000	2006774	19.634 ug/ml
17) T n-Tricontane (C30)	17.886	1989326	20.264 ug/ml
18) T n-Dotriacontane (C32)	18.715	1731806	20.812 ug/ml
19) T n-Tetratriacontane (C34)	19.495	1494091	21.113 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1359464	21.202 ug/ml
21) T n-Octatriacontane (C38)	21.004	1263743	21.606 ug/ml
22) T n-Tetracontane (C40)	21.977	1283725	21.761 ug/ml

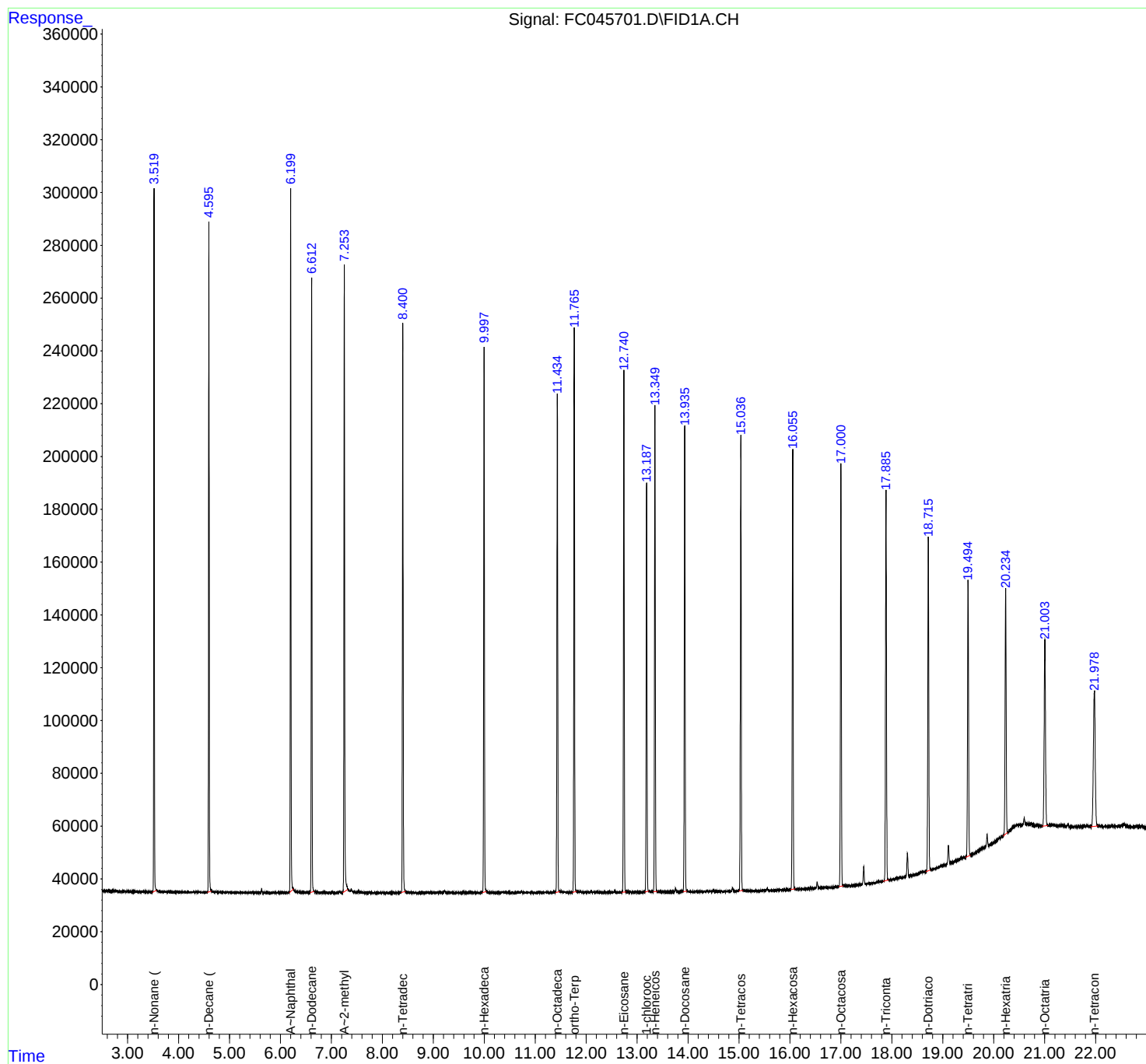
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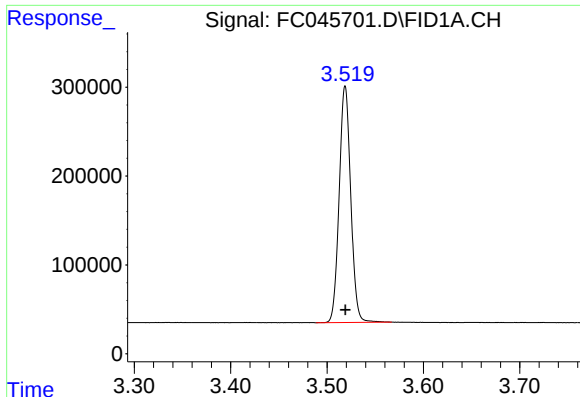
(m)=manual int.

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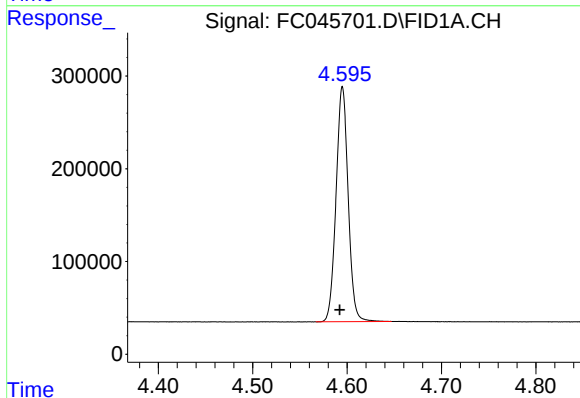
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Signal Info : 20M x 0.18mm x 0.18um





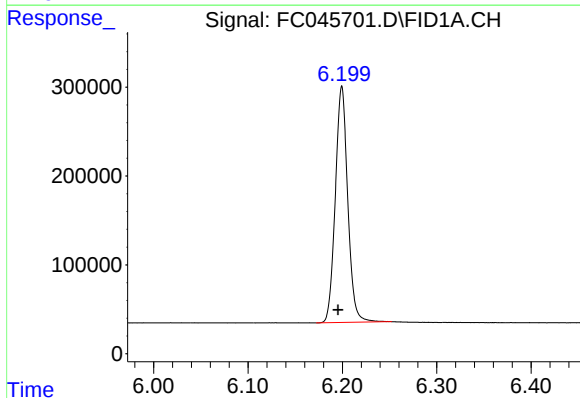
#1 n-Nonane (C9)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 2216318
Conc: 22.91 ug/ml



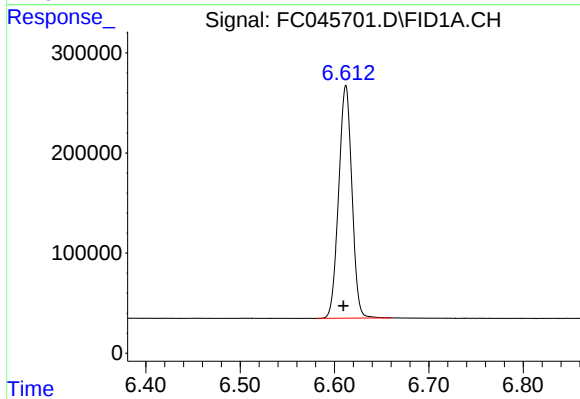
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.003 min
Response: 2259048
Conc: 23.32 ug/ml



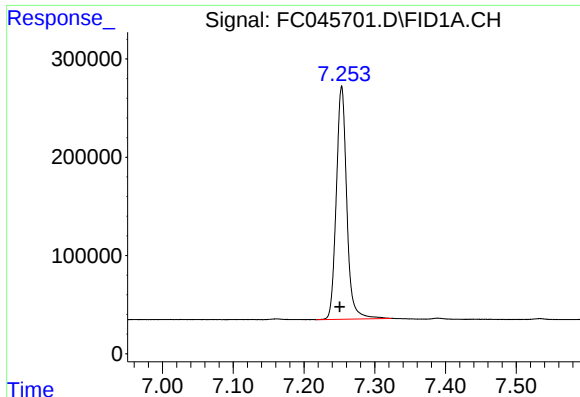
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: 0.004 min
Response: 2431613
Conc: 22.77 ug/ml



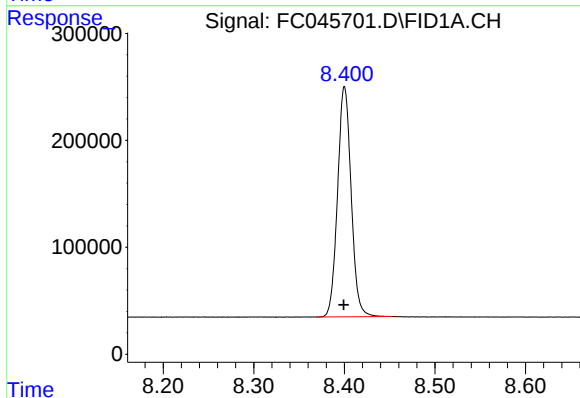
#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2268859
Conc: 23.21 ug/ml



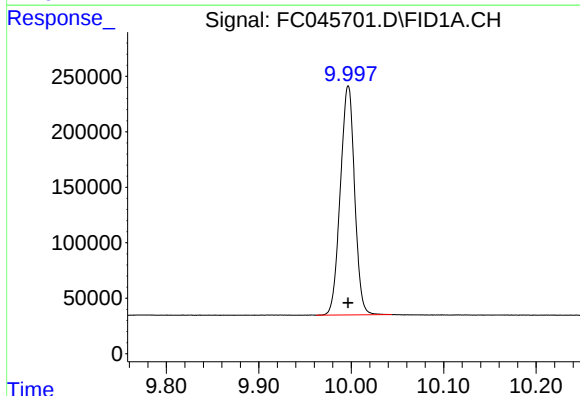
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.003 min
Response: 2439007
Conc: 22.75 ug/ml



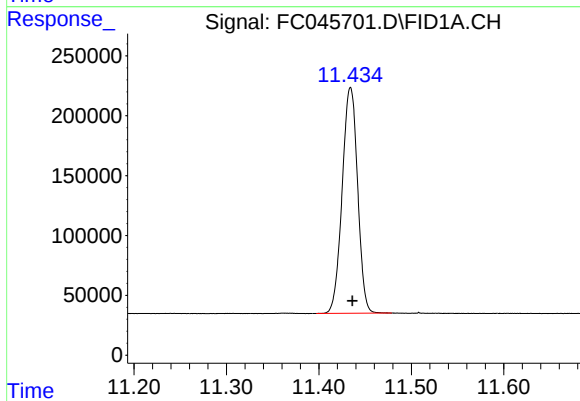
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 2243089
Conc: 22.76 ug/ml



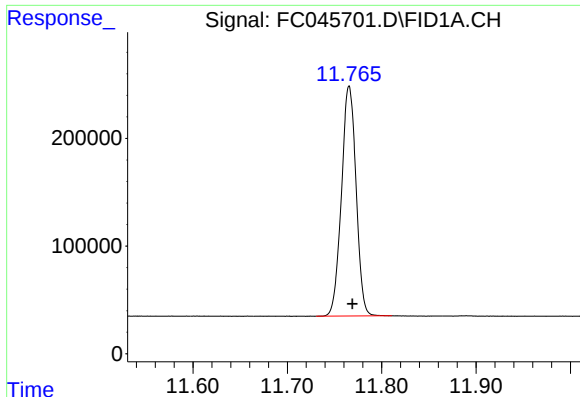
#7 n-Hexadecane (C16)

R.T.: 9.997 min
Delta R.T.: 0.000 min
Response: 2218592
Conc: 22.16 ug/ml



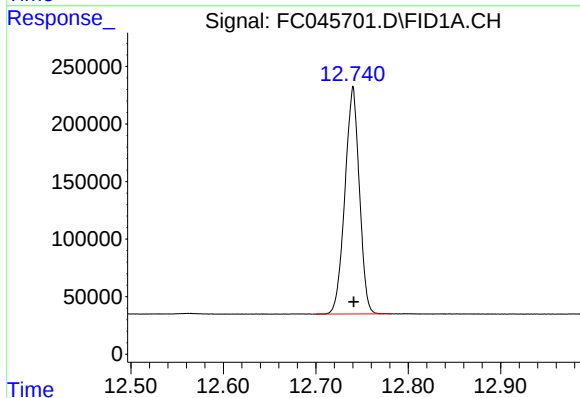
#8 n-Octadecane (C18)

R.T.: 11.434 min
Delta R.T.: -0.002 min
Response: 2190638
Conc: 21.51 ug/ml



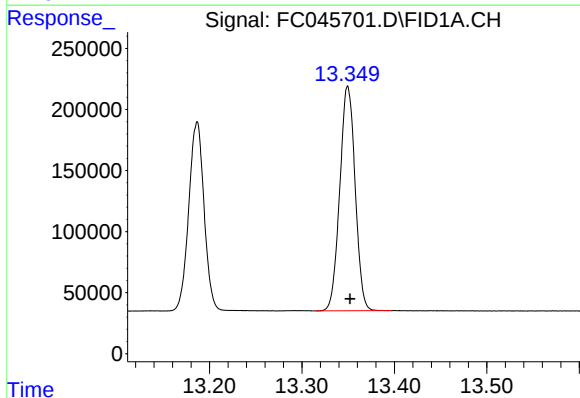
#9 ortho-Terphenyl (SURR)

R.T.: 11.765 min
Delta R.T.: -0.003 min
Response: 2299383
Conc: 20.92 ug/ml



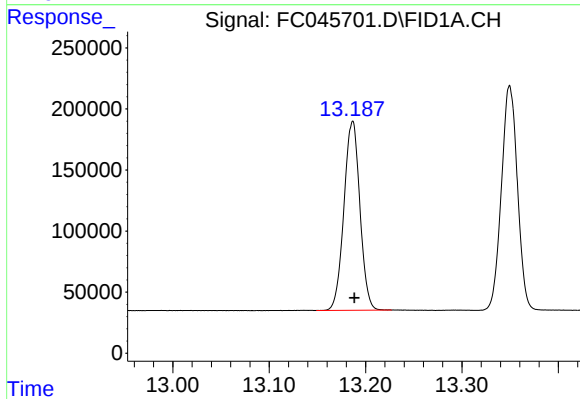
#10 n-Eicosane (C20)

R.T.: 12.740 min
Delta R.T.: 0.000 min
Response: 2142788
Conc: 20.89 ug/ml



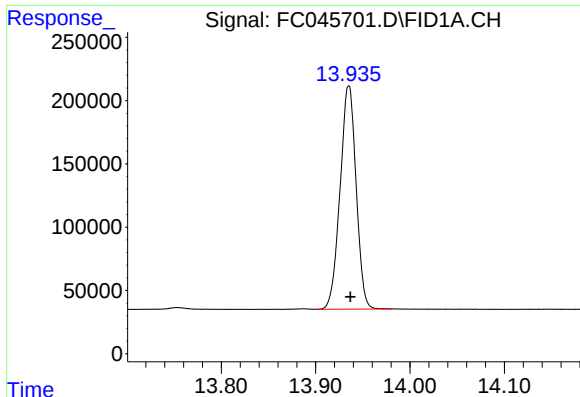
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: -0.003 min
Response: 2123081
Conc: 20.51 ug/ml



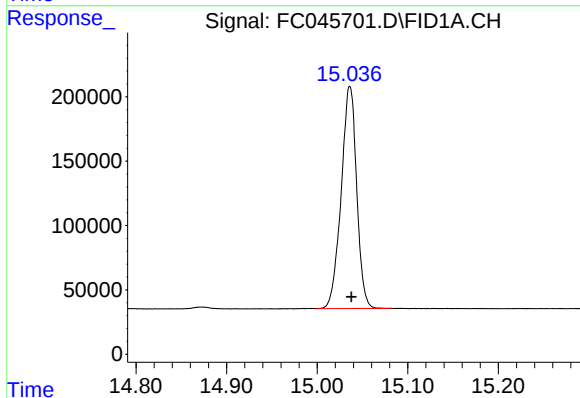
#12 1-chlorooctadecane (SURR)

R.T.: 13.187 min
Delta R.T.: -0.002 min
Response: 1774475
Conc: 20.41 ug/ml



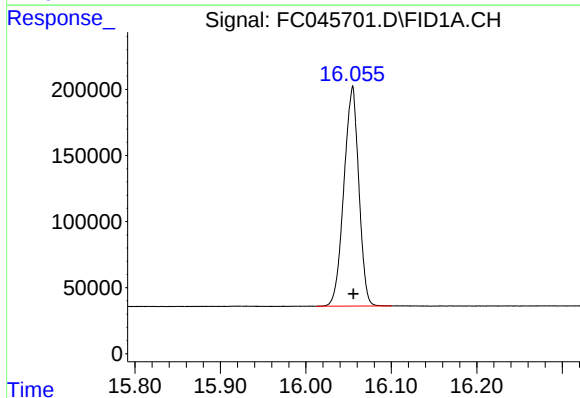
#13 n-Docosane (C22)

R.T.: 13.935 min
Delta R.T.: -0.002 min
Response: 2088051
Conc: 20.24 ug/ml



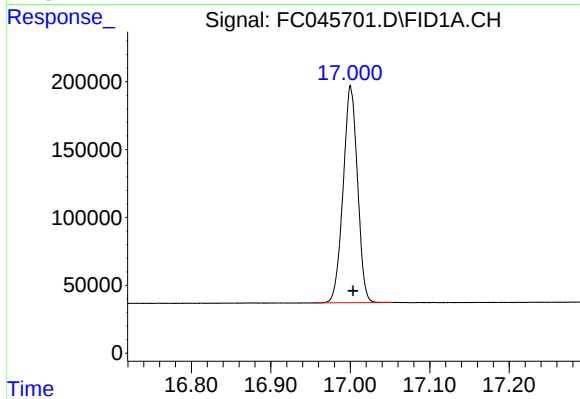
#14 n-Tetracosane (C24)

R.T.: 15.036 min
Delta R.T.: -0.001 min
Response: 2053292
Conc: 19.76 ug/ml



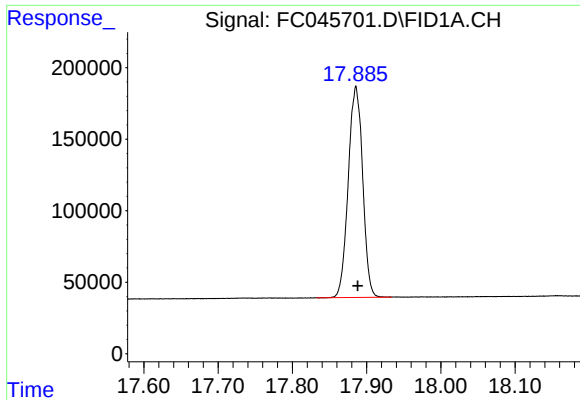
#15 n-Hexacosane (C26)

R.T.: 16.055 min
Delta R.T.: 0.000 min
Response: 2014203
Conc: 19.50 ug/ml



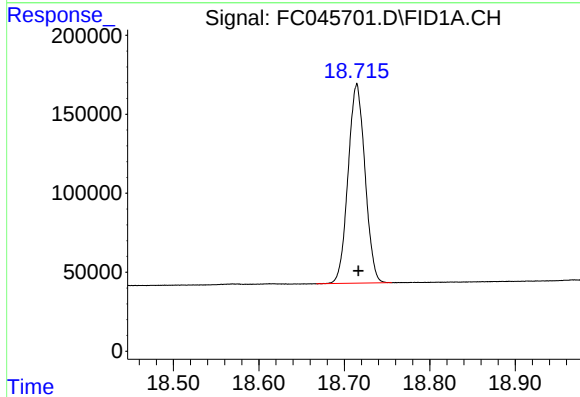
#16 n-Octacosane (C28)

R.T.: 17.000 min
Delta R.T.: -0.003 min
Response: 2006774
Conc: 19.63 ug/ml



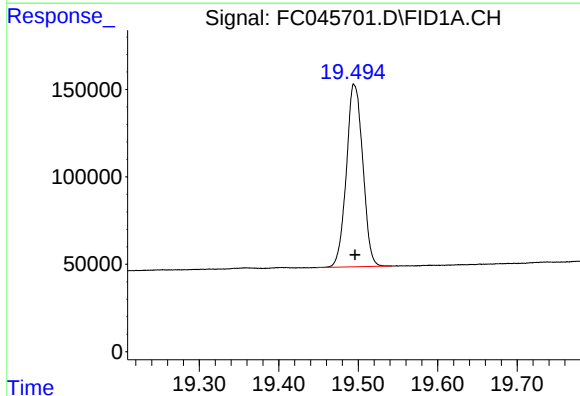
#17 n-Tricontane (C30)

R.T.: 17.886 min
Delta R.T.: -0.002 min
Response: 1989326
Conc: 20.26 ug/ml



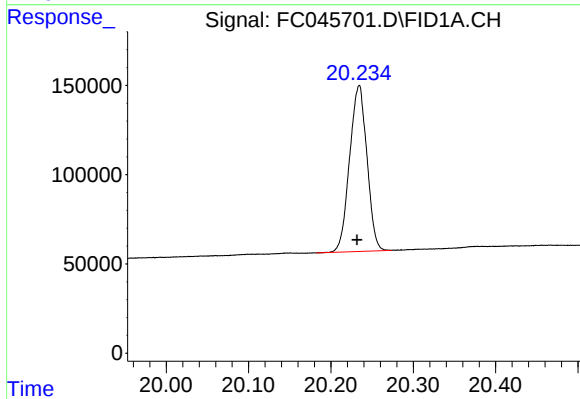
#18 n-Dotriacontane (C32)

R.T.: 18.715 min
Delta R.T.: -0.002 min
Response: 1731806
Conc: 20.81 ug/ml



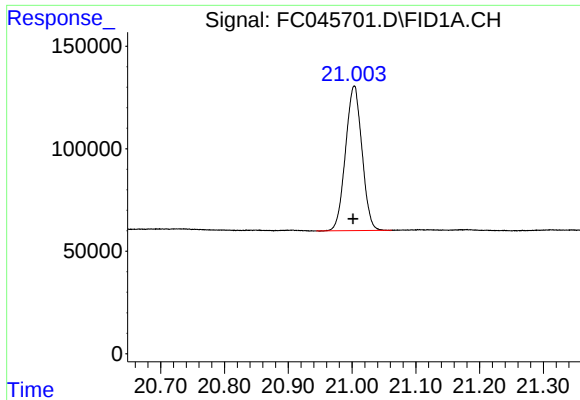
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: -0.001 min
Response: 1494091
Conc: 21.11 ug/ml



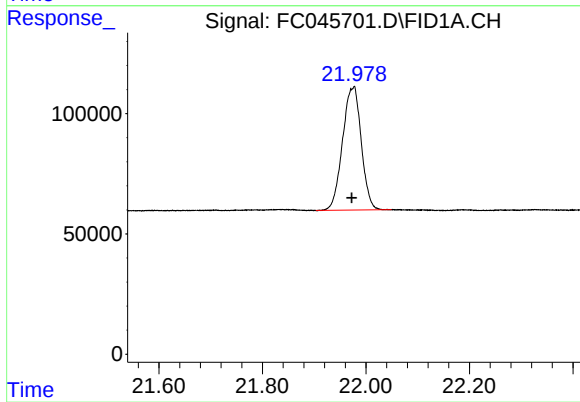
#20 n-Hexatriacontane (C36)

R.T.: 20.234 min
Delta R.T.: 0.002 min
Response: 1359464
Conc: 21.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: 0.002 min
Response: 1263743
Conc: 21.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: 0.005 min
Response: 1283725
Conc: 21.76 ug/ml