

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021720AL\
 Data File : FC045840.D
 Signal(s) : FID1A.CH
 Acq On : 17 Feb 2020 10:08
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 18 00:48:33 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)	11.760	2201038	20.022 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
12) S 1-chlorooctadecane (S...	13.179	1697160	19.520 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.527	2226195	23.016 ug/ml
2) T n-Decane (C10)	4.598	2233097	23.057 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2406989	22.536 ug/ml
4) T n-Dodecane (C12)	6.610	2246704	22.982 ug/ml
5) T A~2-methylnaphthalene...	7.251	2399665	22.386 ug/ml
6) T n-Tetradecane (C14)	8.398	2219613	22.524 ug/ml
7) T n-Hexadecane (C16)	9.992	2186073	21.836 ug/ml
8) T n-Octadecane (C18)	11.429	2143974	21.050 ug/ml
10) T n-Eicosane (C20)	12.733	2077565	20.258 ug/ml
11) T n-Heneicosane (C21)	13.343	2053878	19.843 ug/ml
13) T n-Docosane (C22)	13.928	2006948	19.451 ug/ml
14) T n-Tetracosane (C24)	15.026	1946974	18.737 ug/ml
15) T n-Hexacosane (C26)	16.043	1879302	18.190 ug/ml
16) T n-Octacosane (C28)	16.990	1821546	17.821 ug/ml
17) T n-Tricontane (C30)	17.875	1755256	17.880 ug/ml
18) T n-Dotriacontane (C32)	18.703	1507034	18.111 ug/ml
19) T n-Tetratriacontane (C34)	19.484	1313251	18.557 ug/ml
20) T n-Hexatriacontane (C36)	20.219	1213588	18.927 ug/ml
21) T n-Octatriacontane (C38)	20.987	1154590	19.740 ug/ml
22) T n-Tetracontane (C40)	21.951	1233585	20.911 ug/ml

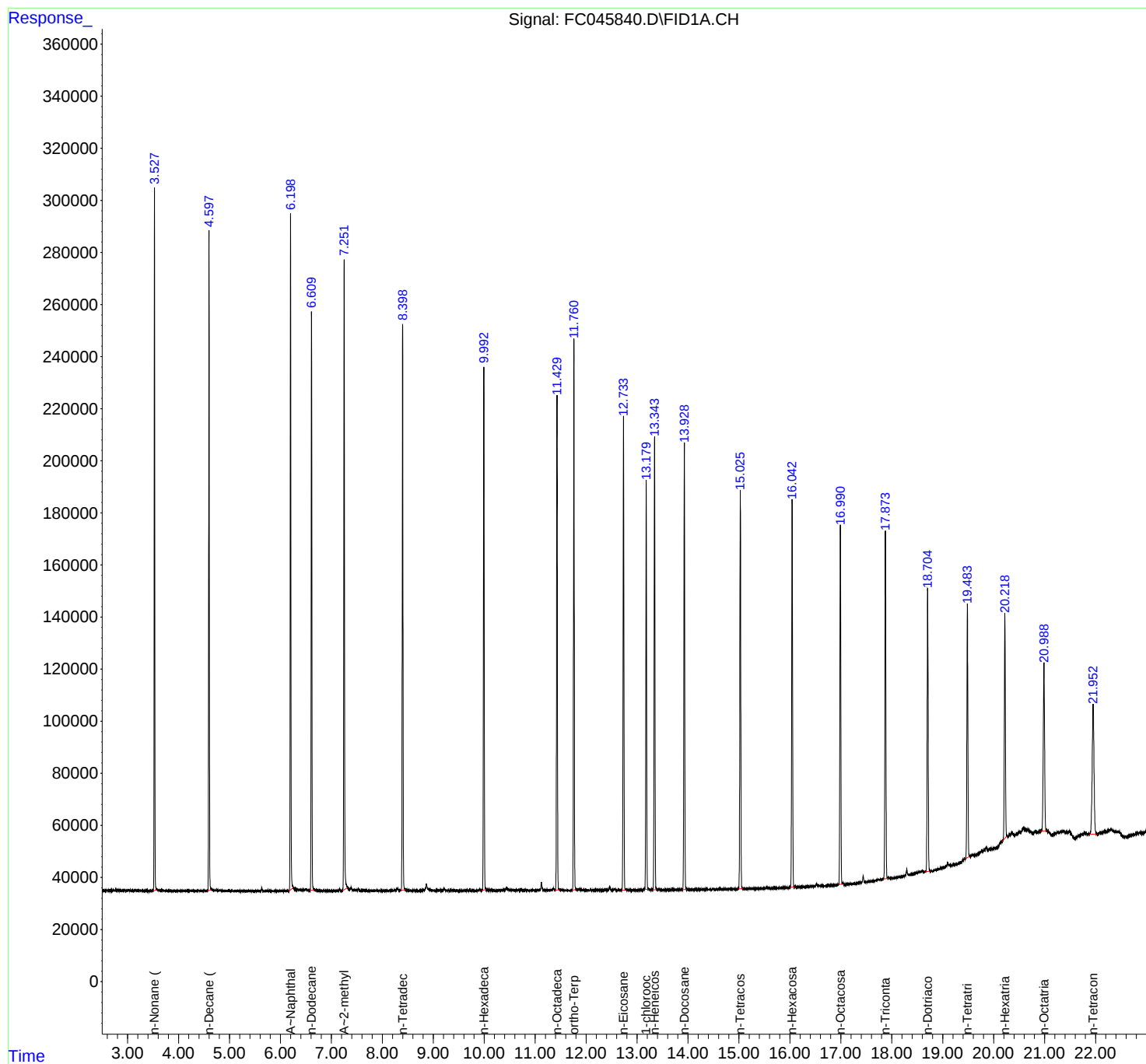
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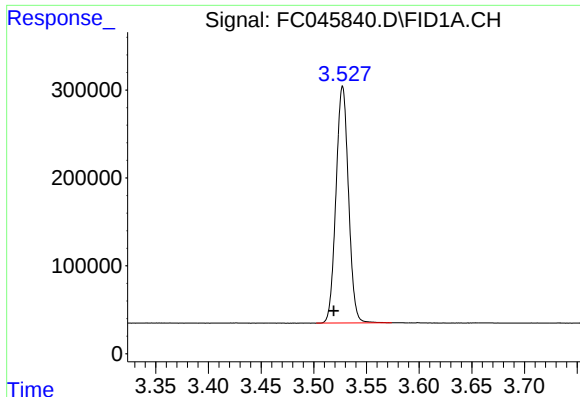
(m)=manual int.

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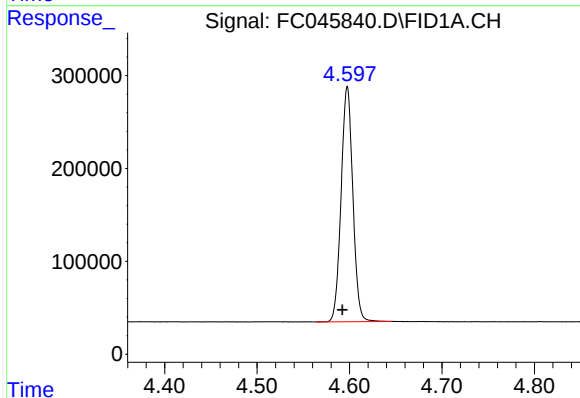
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





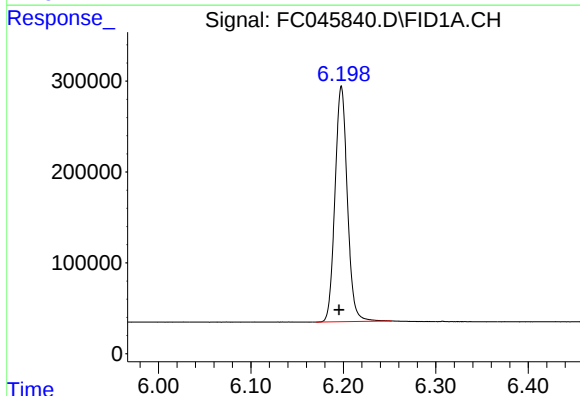
#1 n-Nonane (C9)

R.T.: 3.527 min
Delta R.T.: 0.008 min
Response: 2226195
Conc: 23.02 ug/ml



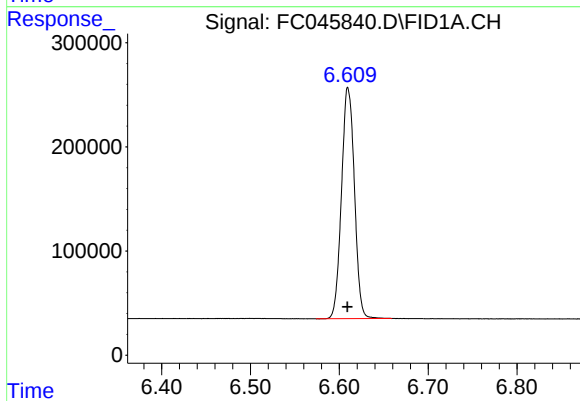
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: 0.005 min
Response: 2233097
Conc: 23.06 ug/ml



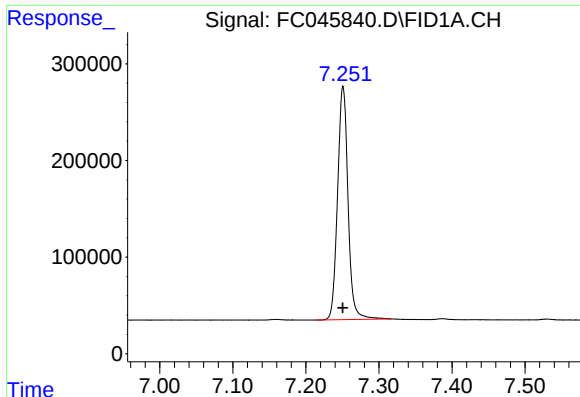
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 2406989
Conc: 22.54 ug/ml



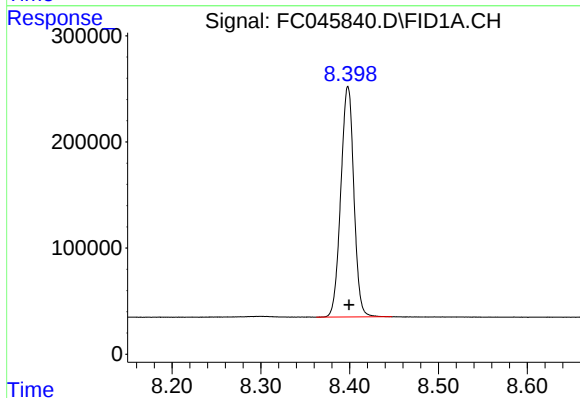
#4 n-Dodecane (C12)

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 2246704
Conc: 22.98 ug/ml



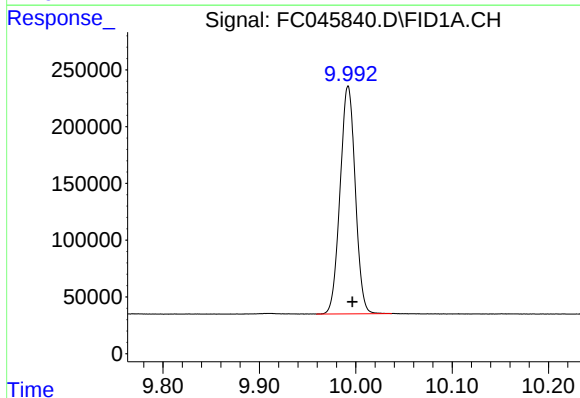
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 2399665
Conc: 22.39 ug/ml



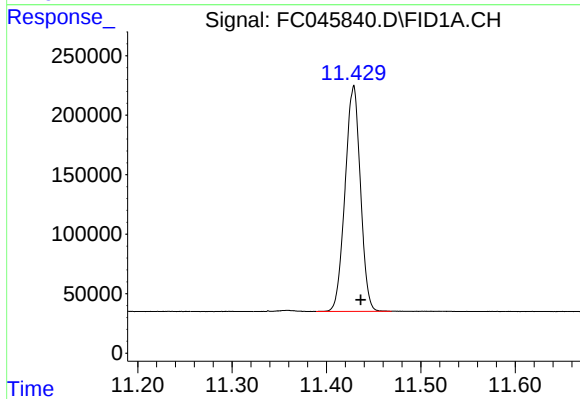
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: -0.001 min
Response: 2219613
Conc: 22.52 ug/ml



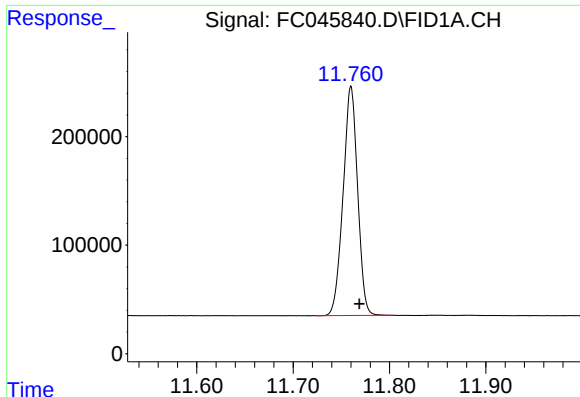
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: -0.004 min
Response: 2186073
Conc: 21.84 ug/ml



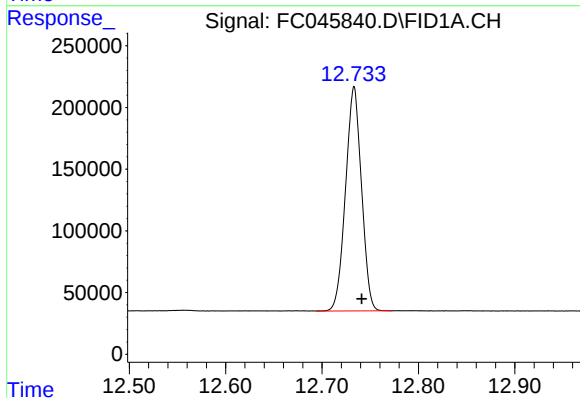
#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: -0.007 min
Response: 2143974
Conc: 21.05 ug/ml



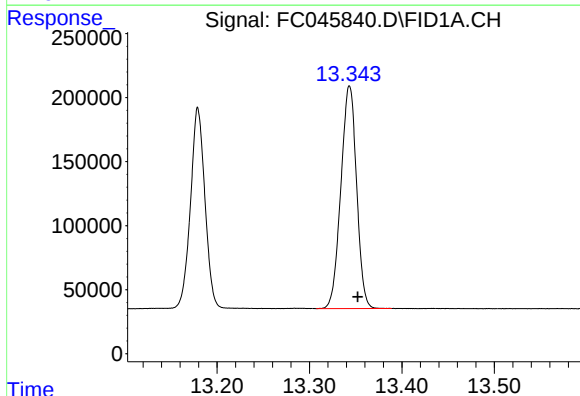
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: -0.009 min
Response: 2201038
Conc: 20.02 ug/ml



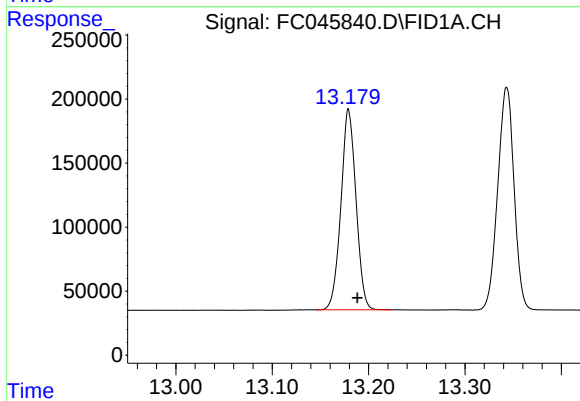
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: -0.008 min
Response: 2077565
Conc: 20.26 ug/ml



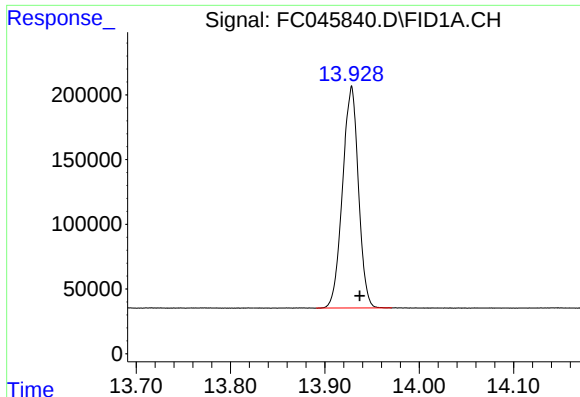
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: -0.009 min
Response: 2053878
Conc: 19.84 ug/ml



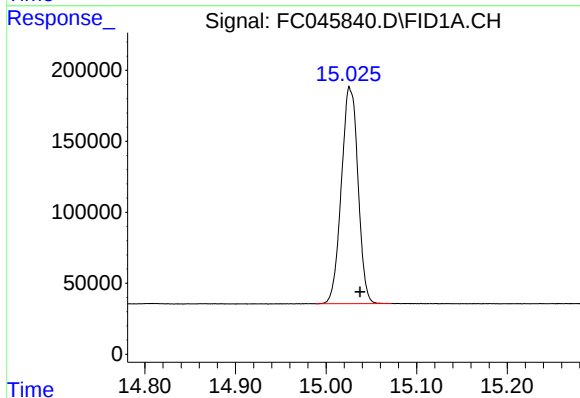
#12 1-chlorooctadecane (SURR)

R.T.: 13.179 min
Delta R.T.: -0.009 min
Response: 1697160
Conc: 19.52 ug/ml



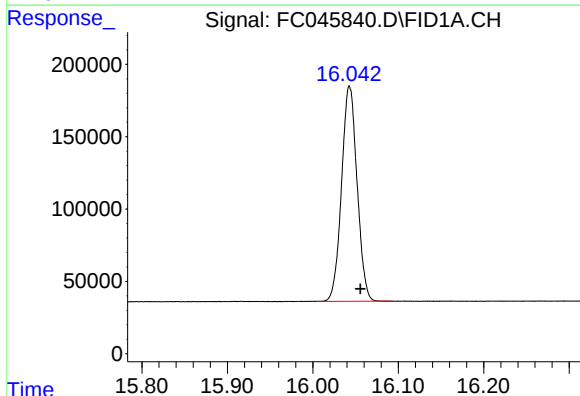
#13 n-Docosane (C22)

R.T.: 13.928 min
Delta R.T.: -0.009 min
Response: 2006948
Conc: 19.45 ug/ml



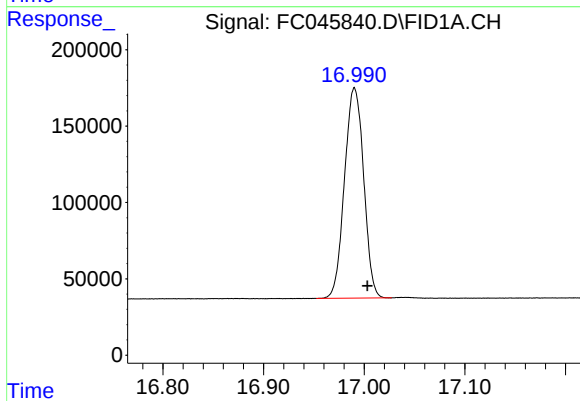
#14 n-Tetracosane (C24)

R.T.: 15.026 min
Delta R.T.: -0.011 min
Response: 1946974
Conc: 18.74 ug/ml



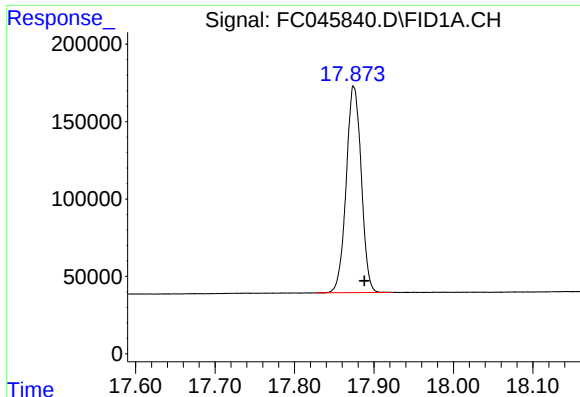
#15 n-Hexacosane (C26)

R.T.: 16.043 min
Delta R.T.: -0.013 min
Response: 1879302
Conc: 18.19 ug/ml



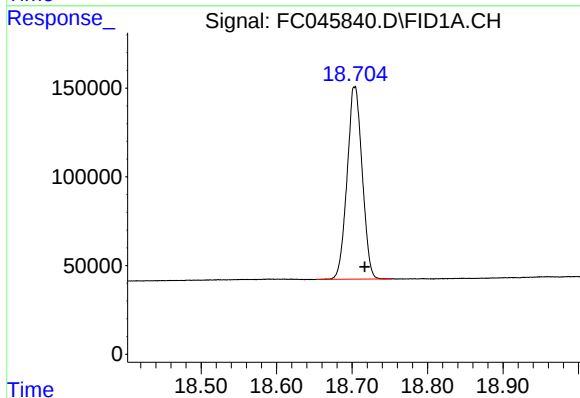
#16 n-Octacosane (C28)

R.T.: 16.990 min
Delta R.T.: -0.013 min
Response: 1821546
Conc: 17.82 ug/ml



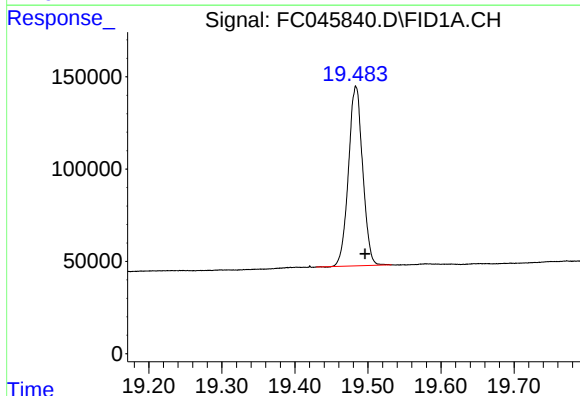
#17 n-Tricontane (C30)

R.T.: 17.875 min
Delta R.T.: -0.013 min
Response: 1755256
Conc: 17.88 ug/ml



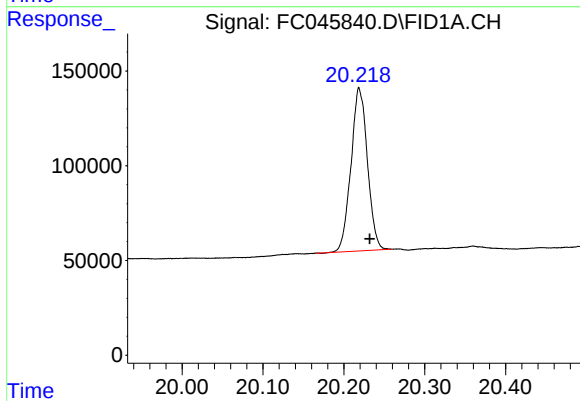
#18 n-Dotriacontane (C32)

R.T.: 18.703 min
Delta R.T.: -0.013 min
Response: 1507034
Conc: 18.11 ug/ml



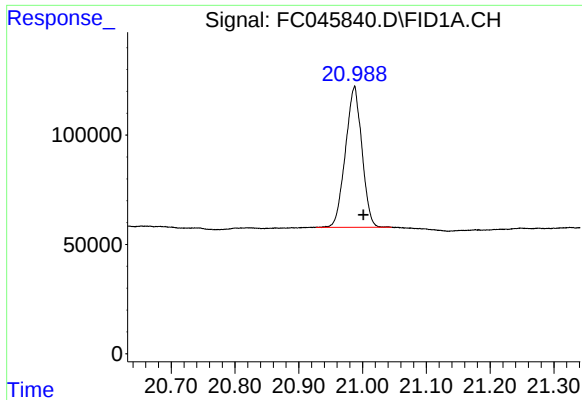
#19 n-Tetratriacontane (C34)

R.T.: 19.484 min
Delta R.T.: -0.013 min
Response: 1313251
Conc: 18.56 ug/ml



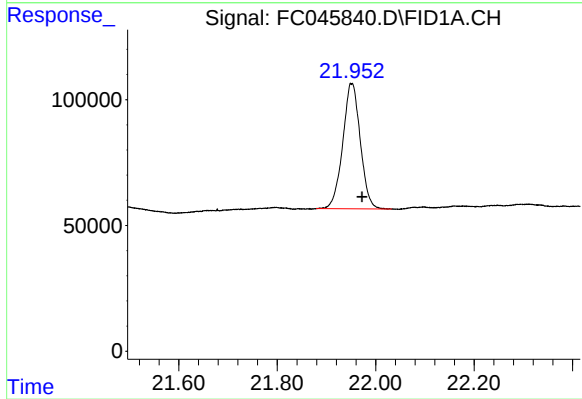
#20 n-Hexatriacontane (C36)

R.T.: 20.219 min
Delta R.T.: -0.013 min
Response: 1213588
Conc: 18.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: -0.014 min
Response: 1154590
Conc: 19.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.021 min
Response: 1233585
Conc: 20.91 ug/ml