

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121421AL\
 Data File : FC057465.D
 Signal(s) : FID1A.CH
 Acq On : 14 Dec 2021 21:01
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 15 00:14:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 2021
 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)	10.873	2463312	17.702 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
12) S 1-chlorooctadecane (S...	12.307	1941987	17.536 ug/ml
Spiked Amount 50.000		Recovery =	35.07%
Target Compounds			
1) T n-Nonane (C9)	2.721	2203590	17.836 ug/ml
2) T n-Decane (C10)	3.731	2218986	17.815 ug/ml
3) T A~Naphthalene (C11.7)	5.298	2469094	17.798 ug/ml
4) T n-Dodecane (C12)	5.721	2216894	17.951 ug/ml
5) T A~2-methylnaphthalene...	6.346	2483306	17.758 ug/ml
6) T n-Tetradecane (C14)	7.512	2208968	17.839 ug/ml
7) T n-Hexadecane (C16)	9.111	2230297	17.787 ug/ml
8) T n-Octadecane (C18)	10.554	2297189	17.747 ug/ml
10) T n-Eicosane (C20)	11.862	2291637	17.640 ug/ml
11) T n-Heneicosane (C21)	12.474	2327106	17.731 ug/ml
13) T n-Docosane (C22)	13.060	2323349	17.676 ug/ml
14) T n-Tetracosane (C24)	14.163	2345331	17.634 ug/ml
15) T n-Hexacosane (C26)	15.184	2321965	17.708 ug/ml
16) T n-Octacosane (C28)	16.133	2322876	17.664 ug/ml
17) T n-Tricontane (C30)	17.020	2335167	17.086 ug/ml
18) T n-Dotriacontane (C32)	17.854	2273081	16.953 ug/ml
19) T n-Tetratriacontane (C34)	18.639	2213780	16.977 ug/ml
20) T n-Hexatriacontane (C36)	19.379	1994656	16.799 ug/ml
21) T n-Octatriacontane (C38)	20.115	1909147	17.383 ug/ml
22) T n-Tetracontane (C40)	21.022	1744411	17.472 ug/ml

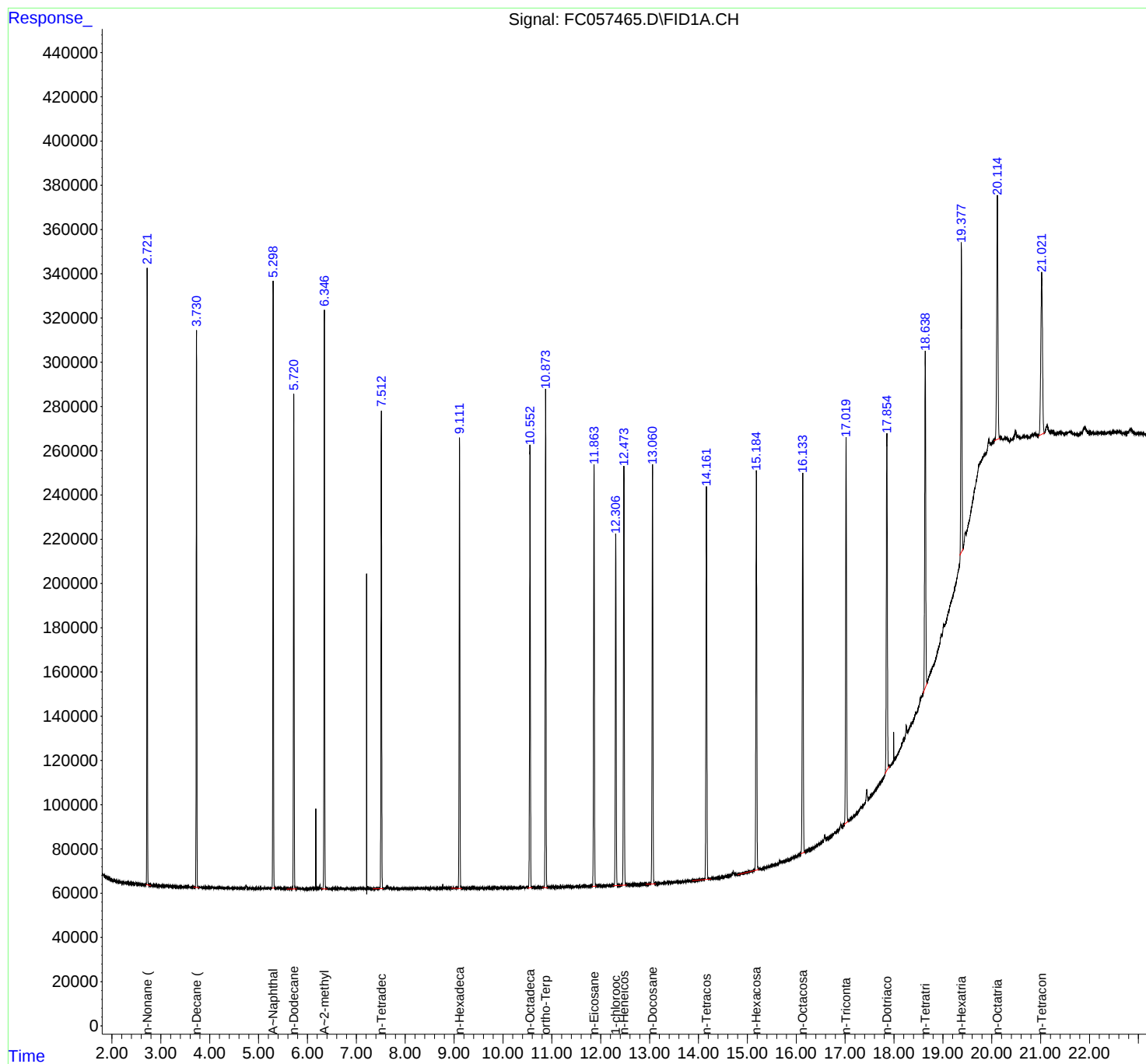
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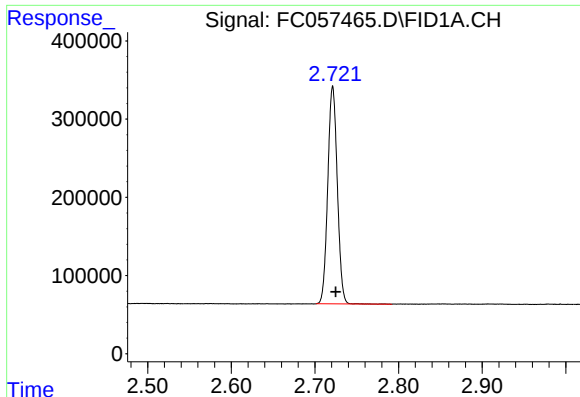
(m)=manual int.

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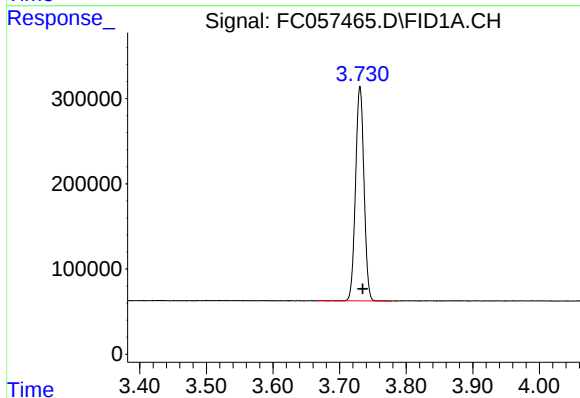
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Signal Info : 20M x 0.18mm x 0.18um





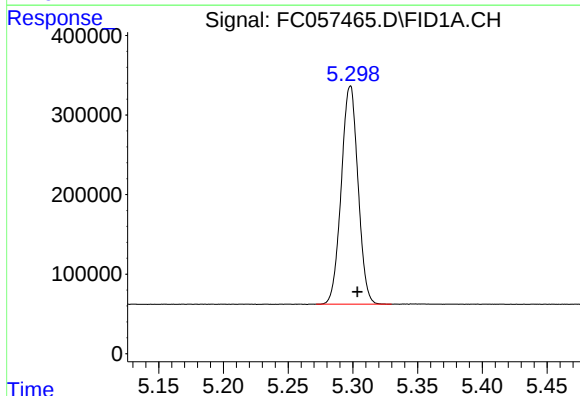
#1 n-Nonane (C9)

R.T.: 2.721 min
Delta R.T.: -0.004 min
Response: 2203590
Conc: 17.84 ug/ml



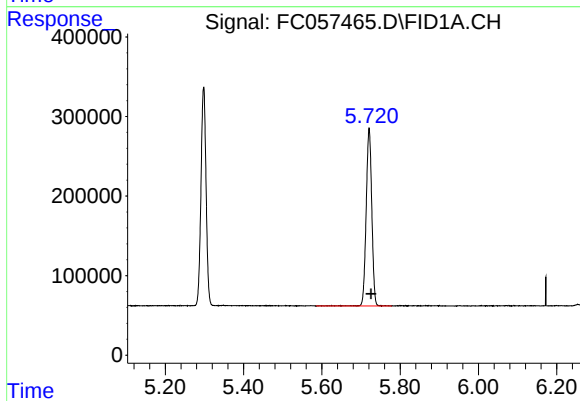
#2 n-Decane (C10)

R.T.: 3.731 min
Delta R.T.: -0.004 min
Response: 2218986
Conc: 17.82 ug/ml



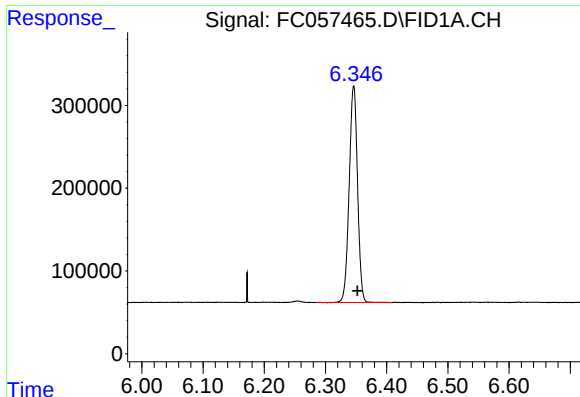
#3 A~Naphthalene (C11.7)

R.T.: 5.298 min
Delta R.T.: -0.006 min
Response: 2469094
Conc: 17.80 ug/ml



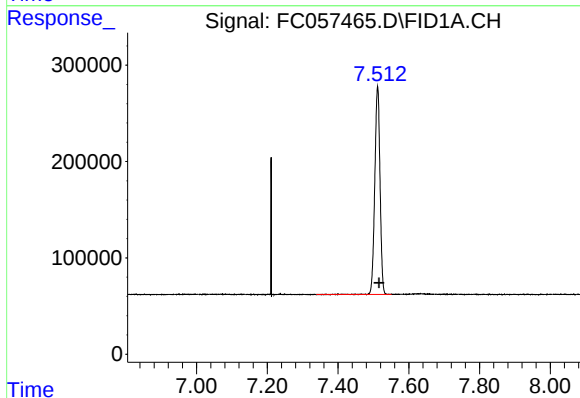
#4 n-Dodecane (C12)

R.T.: 5.721 min
Delta R.T.: -0.005 min
Response: 2216894
Conc: 17.95 ug/ml



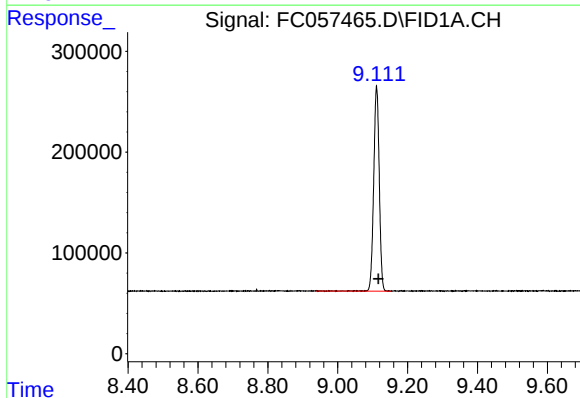
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.346 min
Delta R.T.: -0.006 min
Response: 2483306
Conc: 17.76 ug/ml



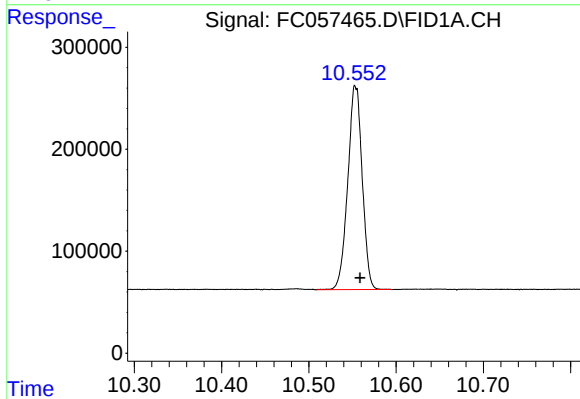
#6 n-Tetradecane (C14)

R.T.: 7.512 min
Delta R.T.: -0.005 min
Response: 2208968
Conc: 17.84 ug/ml



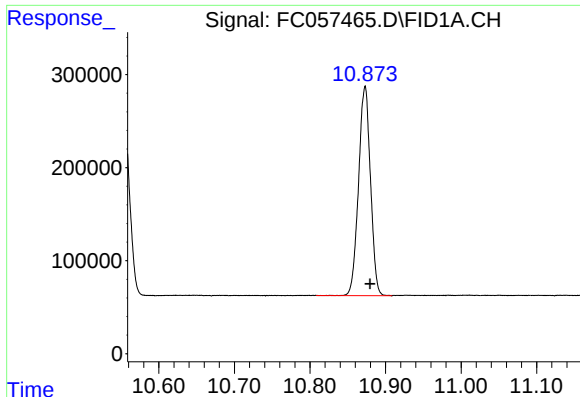
#7 n-Hexadecane (C16)

R.T.: 9.111 min
Delta R.T.: -0.005 min
Response: 2230297
Conc: 17.79 ug/ml



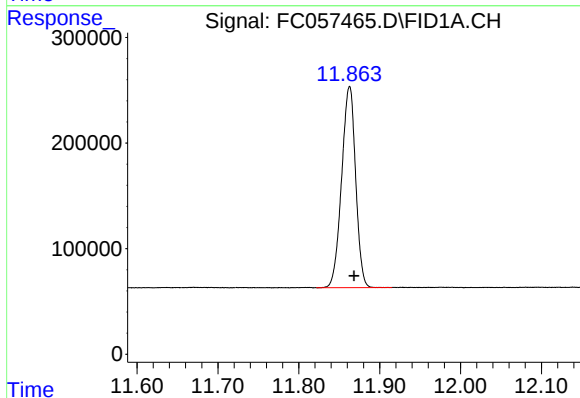
#8 n-Octadecane (C18)

R.T.: 10.554 min
Delta R.T.: -0.005 min
Response: 2297189
Conc: 17.75 ug/ml



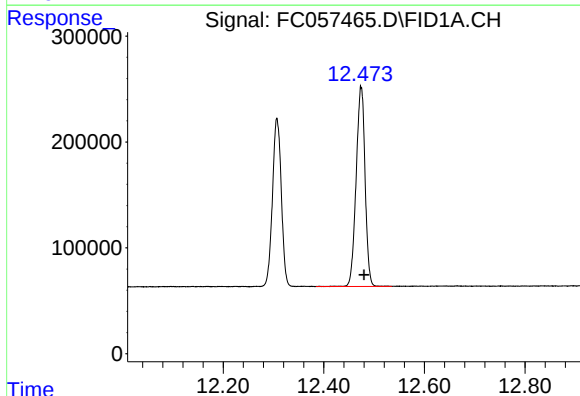
#9 ortho-Terphenyl (SURR)

R.T.: 10.873 min
Delta R.T.: -0.007 min
Response: 2463312
Conc: 17.70 ug/ml



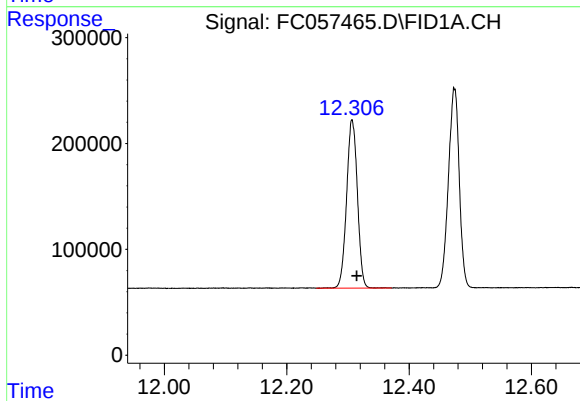
#10 n-Eicosane (C20)

R.T.: 11.862 min
Delta R.T.: -0.006 min
Response: 2291637
Conc: 17.64 ug/ml



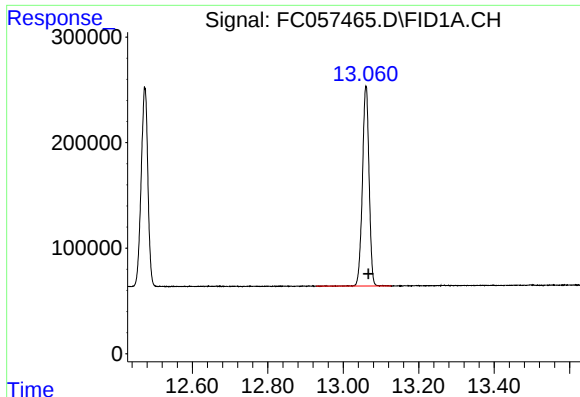
#11 n-Heneicosane (C21)

R.T.: 12.474 min
Delta R.T.: -0.006 min
Response: 2327106
Conc: 17.73 ug/ml



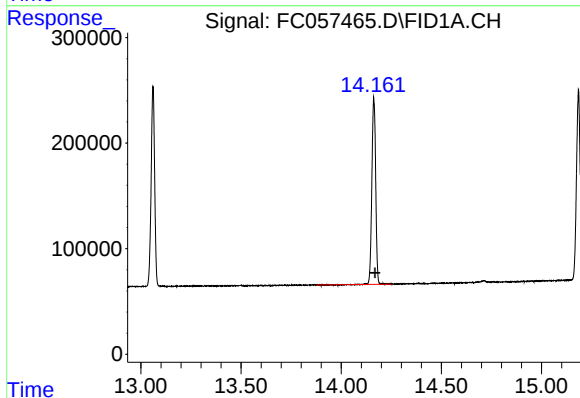
#12 1-chlorooctadecane (SURR)

R.T.: 12.307 min
Delta R.T.: -0.007 min
Response: 1941987
Conc: 17.54 ug/ml



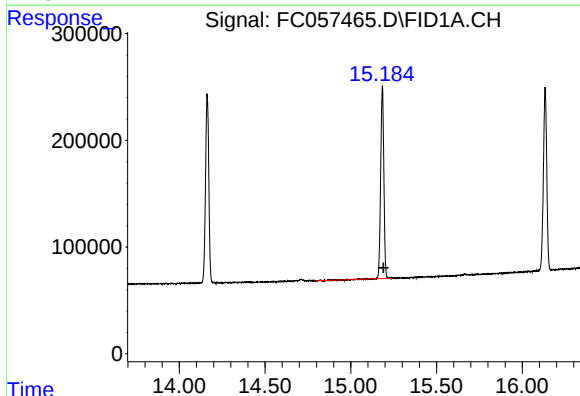
#13 n-Docosane (C22)

R.T.: 13.060 min
Delta R.T.: -0.006 min
Response: 2323349
Conc: 17.68 ug/ml



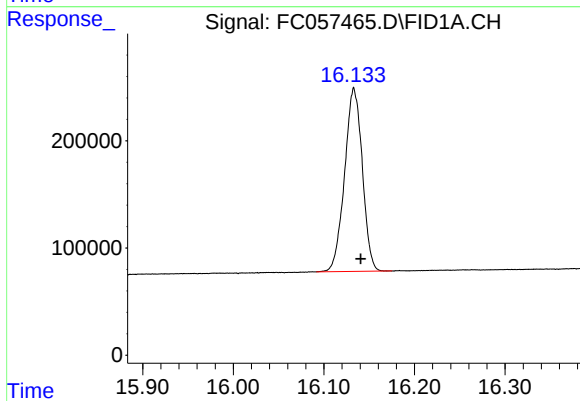
#14 n-Tetracosane (C24)

R.T.: 14.163 min
Delta R.T.: -0.006 min
Response: 2345331
Conc: 17.63 ug/ml



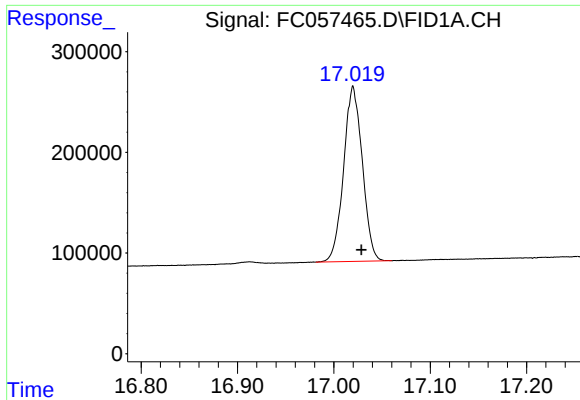
#15 n-Hexacosane (C26)

R.T.: 15.184 min
Delta R.T.: -0.006 min
Response: 2321965
Conc: 17.71 ug/ml



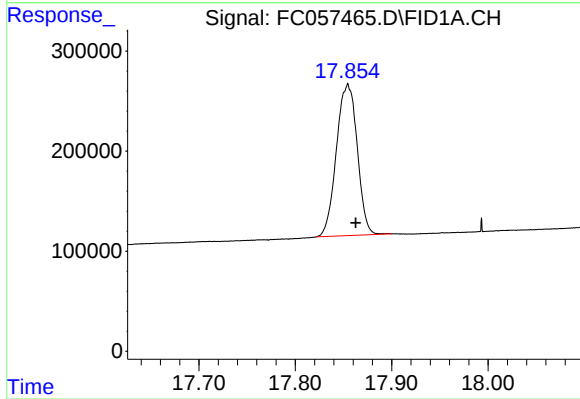
#16 n-Octacosane (C28)

R.T.: 16.133 min
Delta R.T.: -0.007 min
Response: 2322876
Conc: 17.66 ug/ml



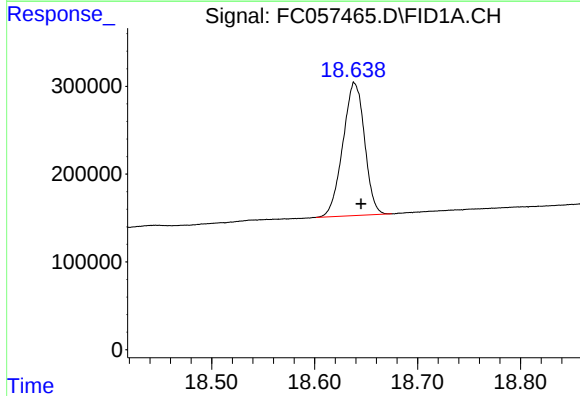
#17 n-Tricontane (C30)

R.T.: 17.020 min
Delta R.T.: -0.009 min
Response: 2335167
Conc: 17.09 ug/ml



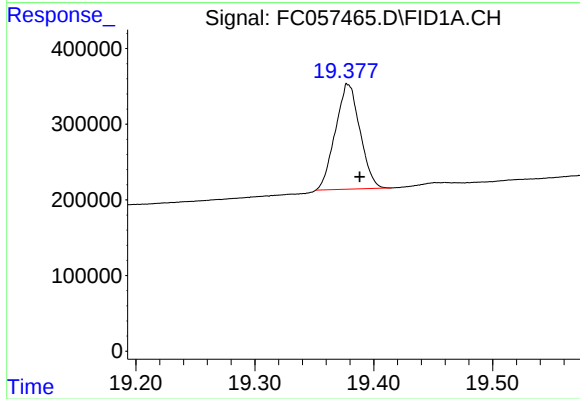
#18 n-Dotriacontane (C32)

R.T.: 17.854 min
Delta R.T.: -0.008 min
Response: 2273081
Conc: 16.95 ug/ml



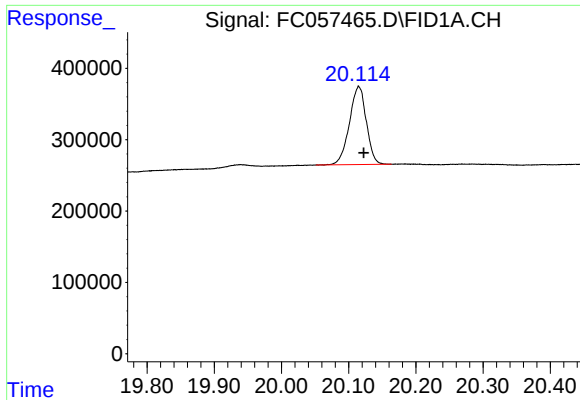
#19 n-Tetratriacontane (C34)

R.T.: 18.639 min
Delta R.T.: -0.006 min
Response: 2213780
Conc: 16.98 ug/ml



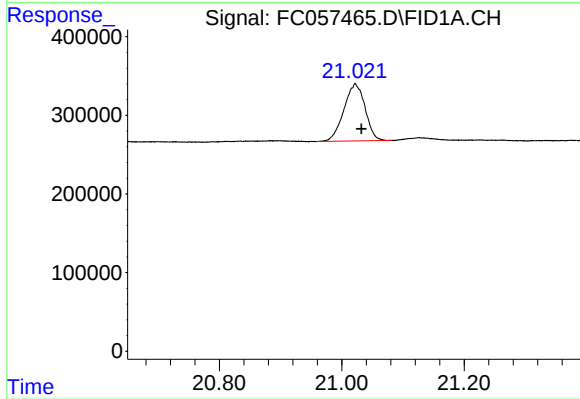
#20 n-Hexatriacontane (C36)

R.T.: 19.379 min
Delta R.T.: -0.010 min
Response: 1994656
Conc: 16.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.115 min
Delta R.T.: -0.007 min
Response: 1909147
Conc: 17.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.022 min
Delta R.T.: -0.010 min
Response: 1744411
Conc: 17.47 ug/ml