

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012921AL\
 Data File : FC051878.D
 Signal(s) : FID1A.CH
 Acq On : 30 Jan 2021 9:06
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 01 00:09:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 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)	11.690	2487536	19.499 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	13.120	1974785	19.172 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
Target Compounds			
1) T n-Nonane (C9)	3.443	2303410	21.012 ug/ml
2) T n-Decane (C10)	4.512	2334874	21.126 ug/ml
3) T A~Naphthalene (C11.7)	6.104	2626904	21.068 ug/ml
4) T n-Dodecane (C12)	6.532	2389122	21.211 ug/ml
5) T A~2-methylnaphthalene...	7.161	2678470	20.955 ug/ml
6) T n-Tetradecane (C14)	8.326	2397995	21.054 ug/ml
7) T n-Hexadecane (C16)	9.926	2355336	20.734 ug/ml
8) T n-Octadecane (C18)	11.367	2415658	20.264 ug/ml
10) T n-Eicosane (C20)	12.674	2376656	19.647 ug/ml
11) T n-Heneicosane (C21)	13.286	2335183	19.222 ug/ml
13) T n-Docosane (C22)	13.872	2296182	18.881 ug/ml
14) T n-Tetracosane (C24)	14.975	2203189	18.078 ug/ml
15) T n-Hexacosane (C26)	15.995	2079893	17.377 ug/ml
16) T n-Octacosane (C28)	16.944	1990826	17.016 ug/ml
17) T n-Tricontane (C30)	17.831	1936404	17.246 ug/ml
18) T n-Dotriacontane (C32)	18.663	1873872	18.110 ug/ml
19) T n-Tetratriacontane (C34)	19.445	1846683	19.512 ug/ml
20) T n-Hexatriacontane (C36)	20.186	1796954	20.635 ug/ml
21) T n-Octatriacontane (C38)	20.938	1745361	21.266 ug/ml
22) T n-Tetracontane (C40)	21.879	1808771	21.171 ug/ml

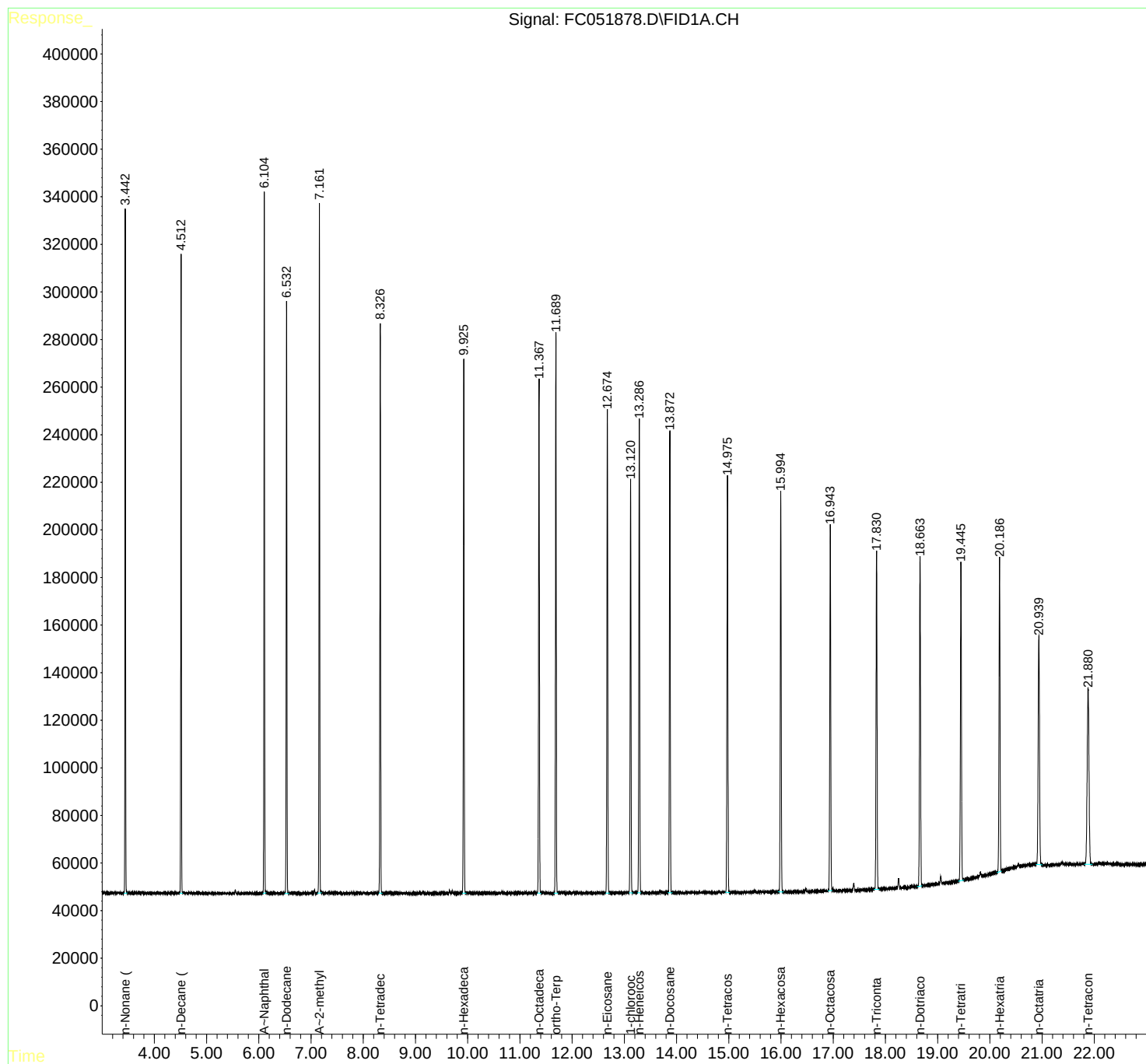
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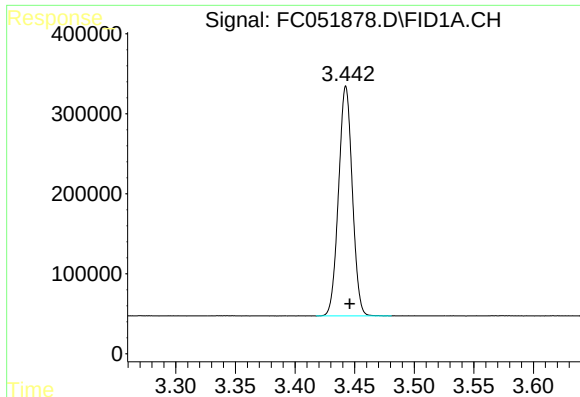
(m)=manual int.

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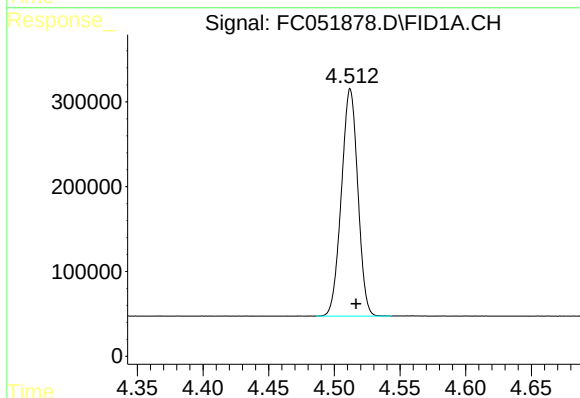
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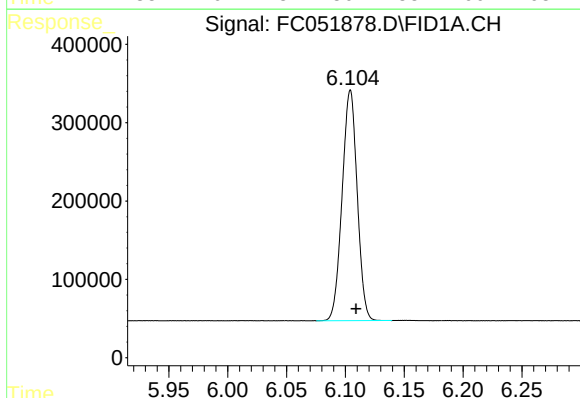
#1 n-Nonane (C9)

R.T.: 3.443 min
Delta R.T.: -0.003 min
Response: 2303410
Conc: 21.01 ug/ml



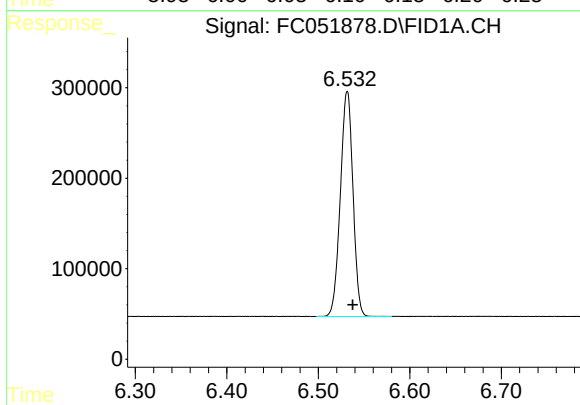
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.004 min
Response: 2334874
Conc: 21.13 ug/ml



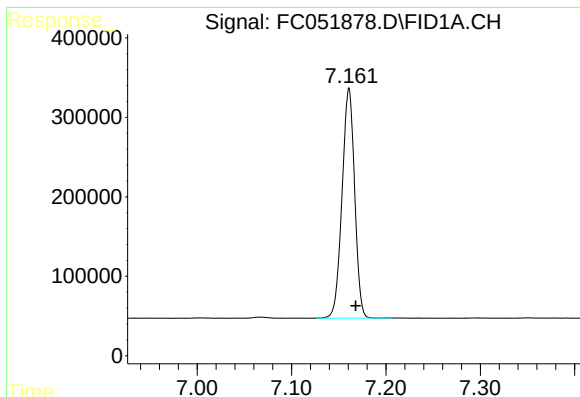
#3 A~Naphthalene (C11.7)

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 2626904
Conc: 21.07 ug/ml



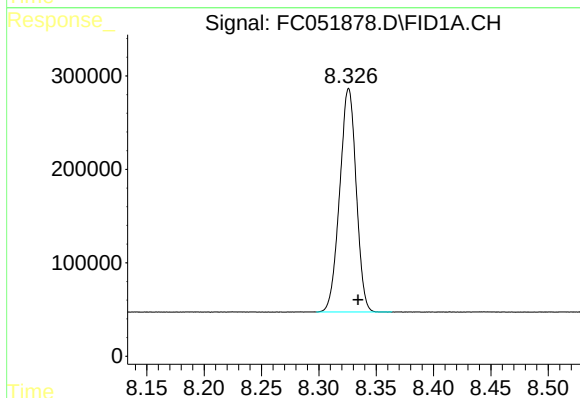
#4 n-Dodecane (C12)

R.T.: 6.532 min
Delta R.T.: -0.006 min
Response: 2389122
Conc: 21.21 ug/ml



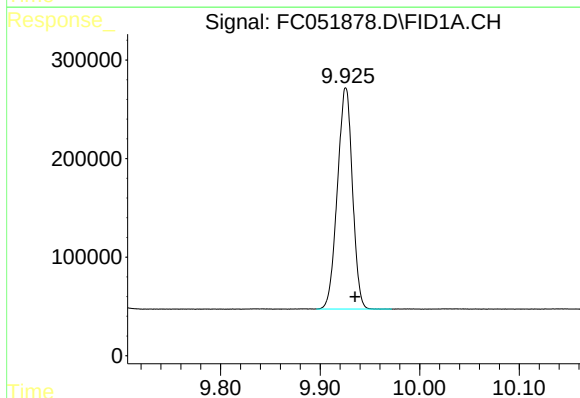
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.161 min
Delta R.T.: -0.007 min
Response: 2678470
Conc: 20.95 ug/ml



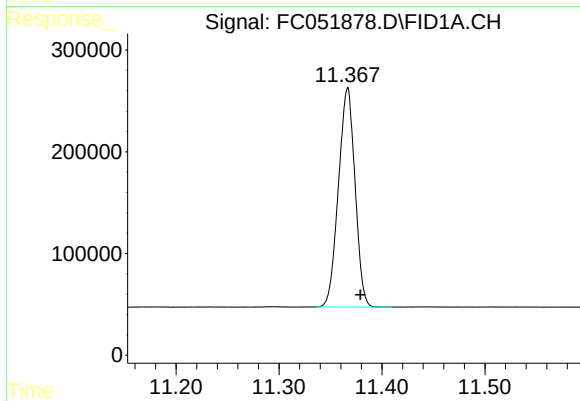
#6 n-Tetradecane (C14)

R.T.: 8.326 min
Delta R.T.: -0.008 min
Response: 2397995
Conc: 21.05 ug/ml



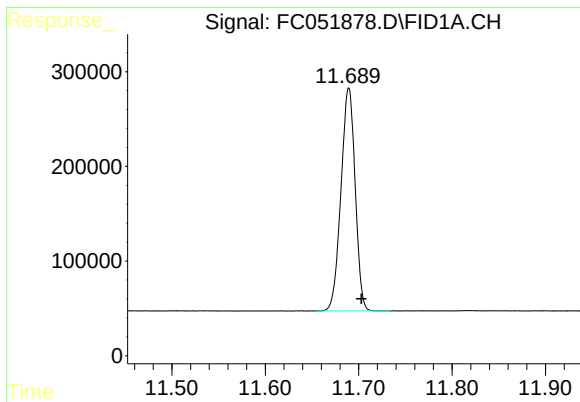
#7 n-Hexadecane (C16)

R.T.: 9.926 min
Delta R.T.: -0.009 min
Response: 2355336
Conc: 20.73 ug/ml



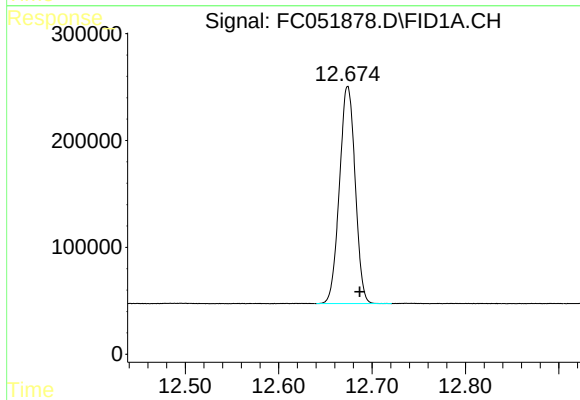
#8 n-Octadecane (C18)

R.T.: 11.367 min
Delta R.T.: -0.012 min
Response: 2415658
Conc: 20.26 ug/ml



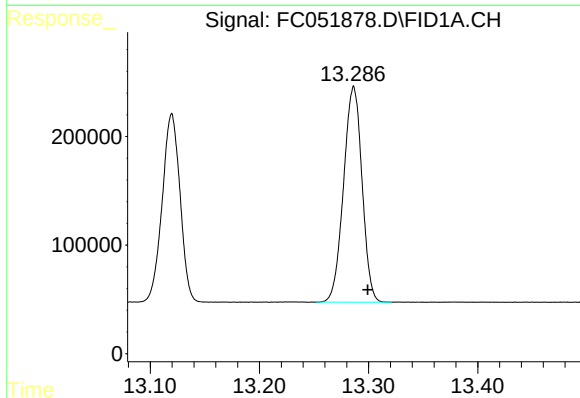
#9 ortho-Terphenyl (SURR)

R.T.: 11.690 min
Delta R.T.: -0.013 min
Response: 2487536
Conc: 19.50 ug/ml



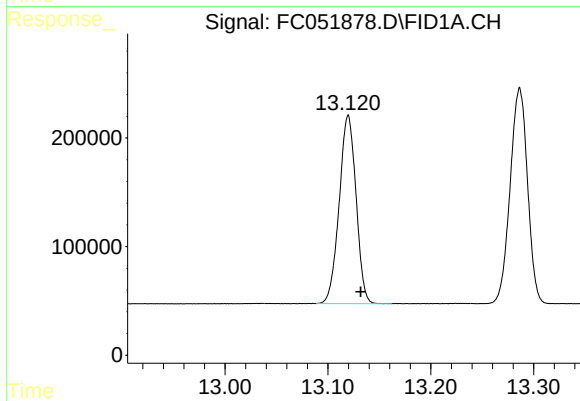
#10 n-Eicosane (C20)

R.T.: 12.674 min
Delta R.T.: -0.013 min
Response: 2376656
Conc: 19.65 ug/ml



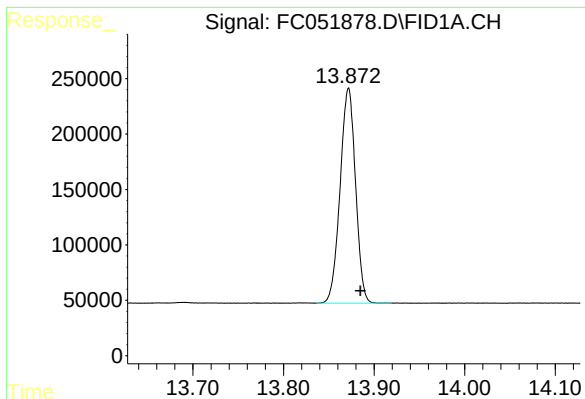
#11 n-Heneicosane (C21)

R.T.: 13.286 min
Delta R.T.: -0.013 min
Response: 2335183
Conc: 19.22 ug/ml



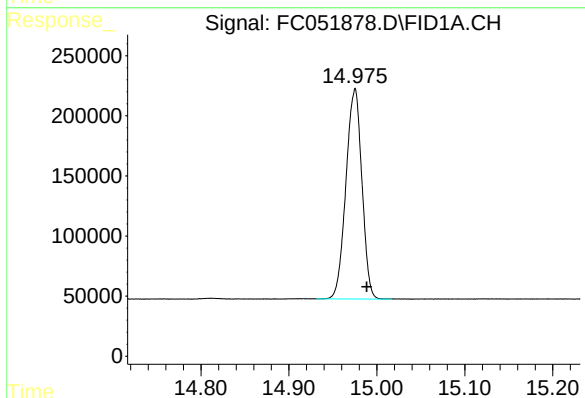
#12 1-chlorooctadecane (SURR)

R.T.: 13.120 min
Delta R.T.: -0.012 min
Response: 1974785
Conc: 19.17 ug/ml



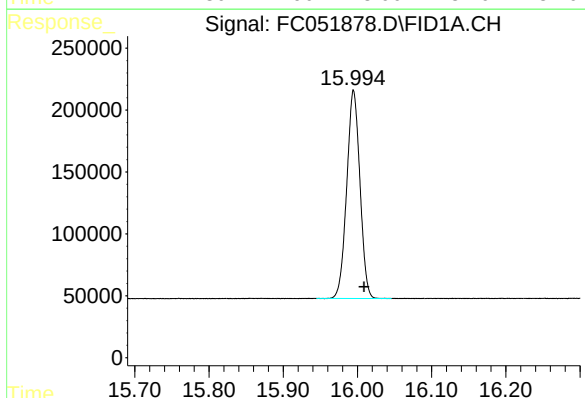
#13 n-Docosane (C22)

R.T.: 13.872 min
Delta R.T.: -0.013 min
Response: 2296182
Conc: 18.88 ug/ml



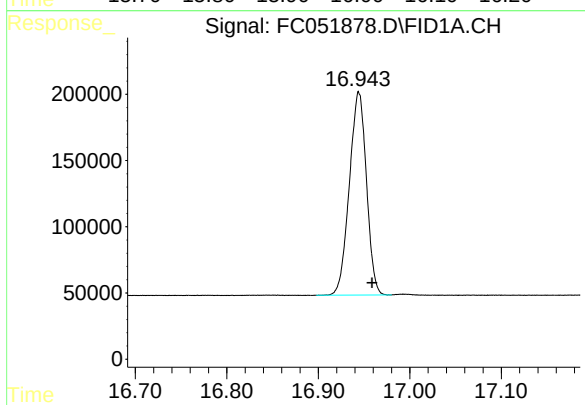
#14 n-Tetracosane (C24)

R.T.: 14.975 min
Delta R.T.: -0.013 min
Response: 2203189
Conc: 18.08 ug/ml



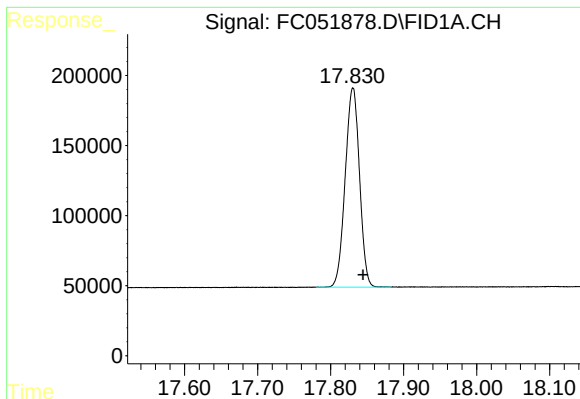
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: -0.014 min
Response: 2079893
Conc: 17.38 ug/ml



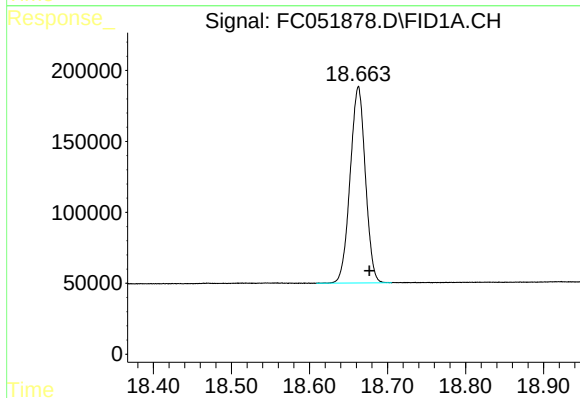
#16 n-Octacosane (C28)

R.T.: 16.944 min
Delta R.T.: -0.014 min
Response: 1990826
Conc: 17.02 ug/ml



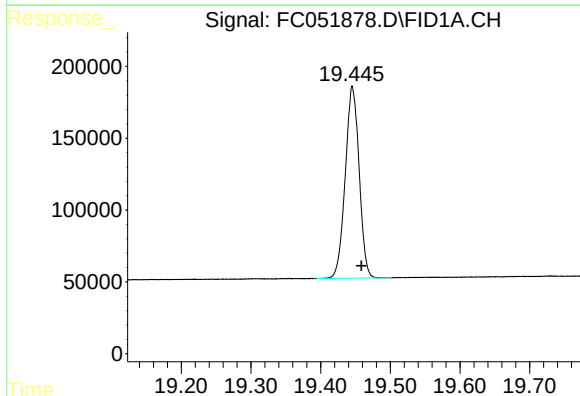
#17 n-Tricontane (C30)

R.T.: 17.831 min
Delta R.T.: -0.014 min
Response: 1936404
Conc: 17.25 ug/ml



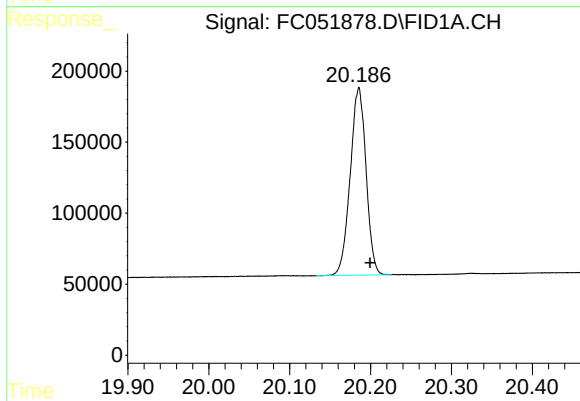
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.014 min
Response: 1873872
Conc: 18.11 ug/ml



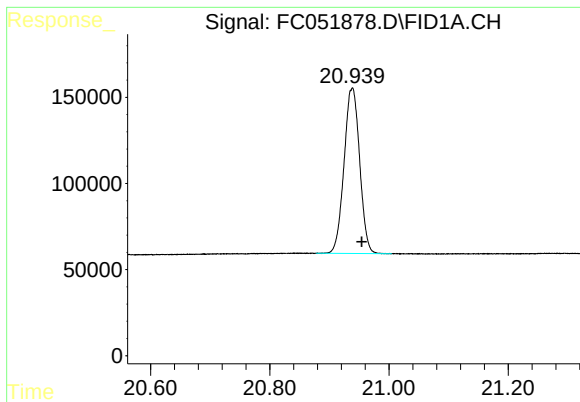
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min
Delta R.T.: -0.013 min
Response: 1846683
Conc: 19.51 ug/ml



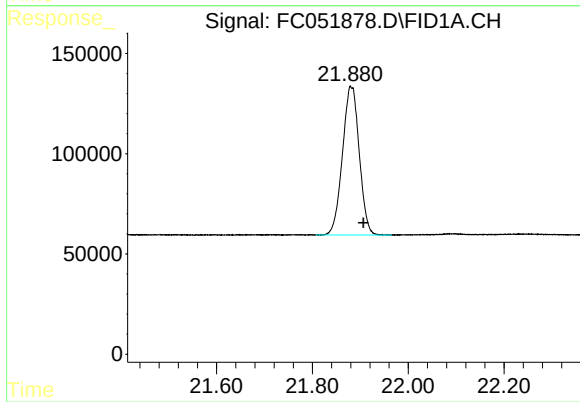
#20 n-Hexatriacontane (C36)

R.T.: 20.186 min
Delta R.T.: -0.014 min
Response: 1796954
Conc: 20.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.938 min
Delta R.T.: -0.016 min
Response: 1745361
Conc: 21.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.879 min
Delta R.T.: -0.027 min
Response: 1808771
Conc: 21.17 ug/ml