

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051721AL\
 Data File : FC053764.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2021 10:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 17 13:34:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.533	2365045	17.082 ug/ml
Spiked Amount 50.000		Recovery =	34.16%
12) S 1-chlorooctadecane (S...	12.973	1844097	16.534 ug/ml
Spiked Amount 50.000		Recovery =	33.07%
Target Compounds			
1) T n-Nonane (C9)	3.296	2194043	18.576 ug/ml
2) T n-Decane (C10)	4.360	2226745	18.804 ug/ml
3) T A~Naphthalene (C11.7)	5.944	2459224	18.873 ug/ml
4) T n-Dodecane (C12)	6.377	2281510	18.855 ug/ml
5) T A~2-methylnaphthalene...	7.001	2496109	18.880 ug/ml
6) T n-Tetradecane (C14)	8.174	2294722	18.837 ug/ml
7) T n-Hexadecane (C16)	9.775	2255446	18.415 ug/ml
8) T n-Octadecane (C18)	11.218	2313182	17.762 ug/ml
10) T n-Eicosane (C20)	12.528	2274648	17.185 ug/ml
11) T n-Heneicosane (C21)	13.141	2233408	16.817 ug/ml
13) T n-Docosane (C22)	13.727	2209504	16.611 ug/ml
14) T n-Tetracosane (C24)	14.831	2146184	16.078 ug/ml
15) T n-Hexacosane (C26)	15.853	2044277	15.462 ug/ml
16) T n-Octacosane (C28)	16.804	1995277	15.242 ug/ml
17) T n-Tricontane (C30)	17.692	1948416	14.938 ug/ml
18) T n-Dotriacontane (C32)	18.524	1881563	14.912 ug/ml
19) T n-Tetratriacontane (C34)	19.309	1833218	15.046 ug/ml
20) T n-Hexatriacontane (C36)	20.050	1810138	15.482 ug/ml
21) T n-Octatriacontane (C38)	20.779	1688030	16.409 ug/ml
22) T n-Tetracontane (C40)	21.675	1751554	17.578 ug/ml

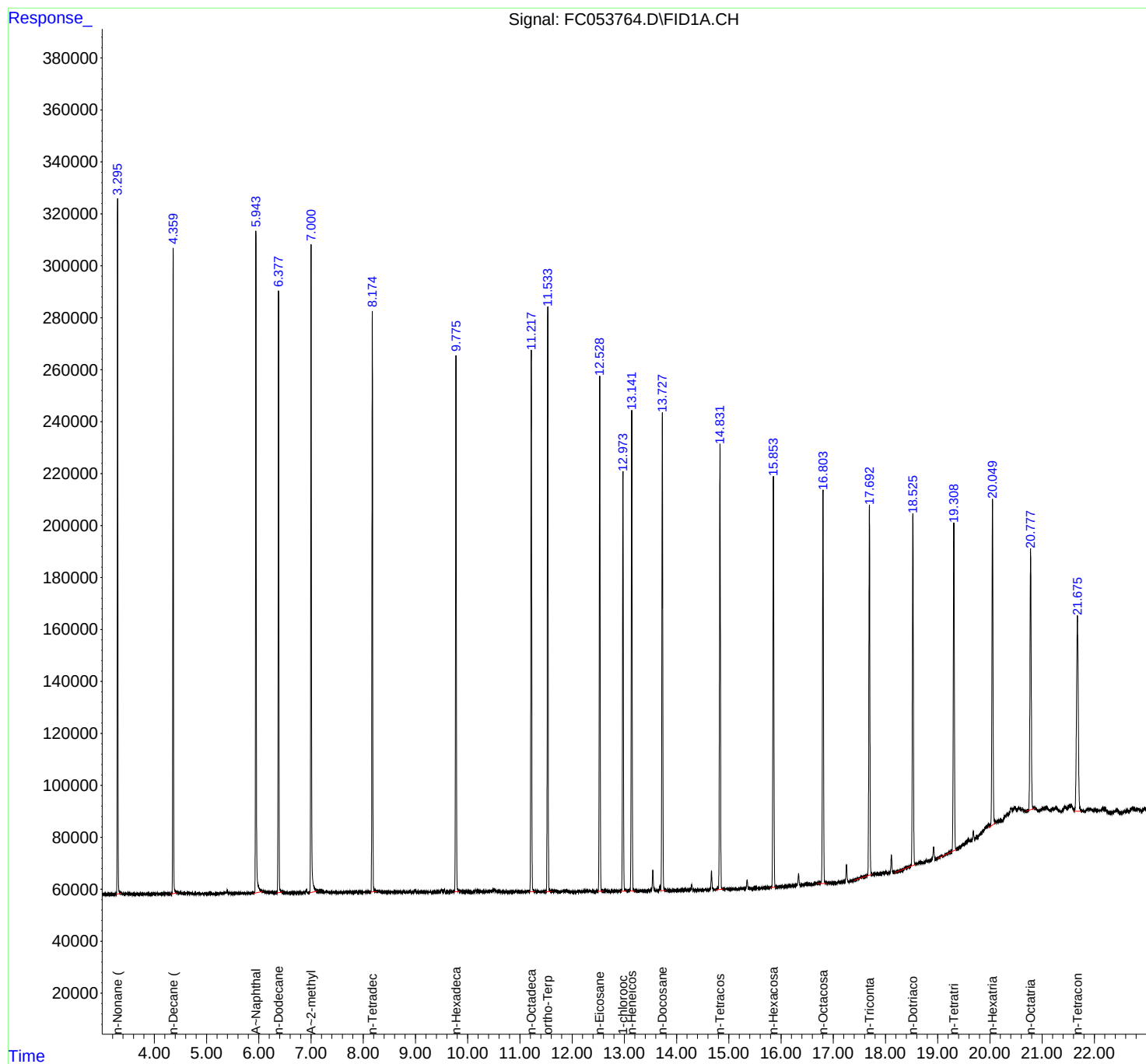
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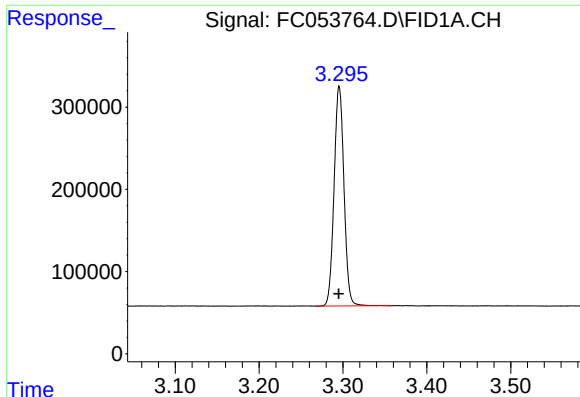
(m)=manual int.

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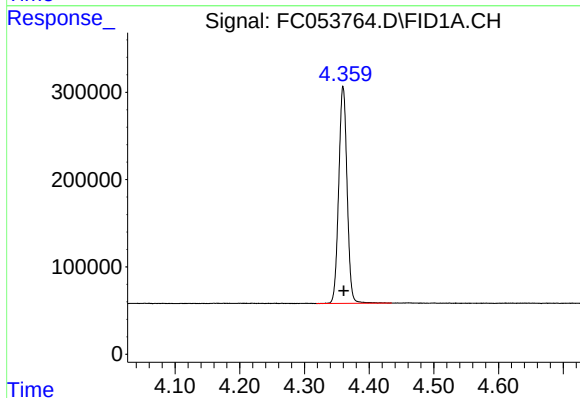
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





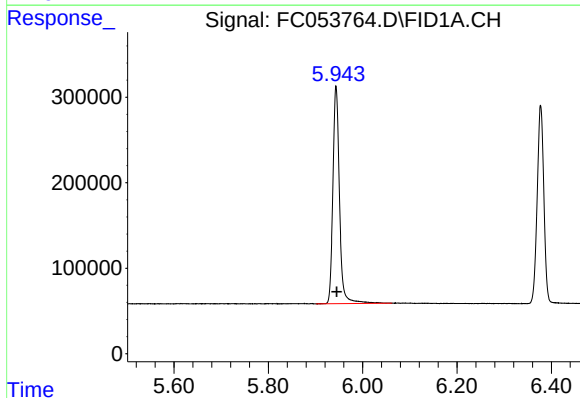
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: 0.000 min
Response: 2194043
Conc: 18.58 ug/ml



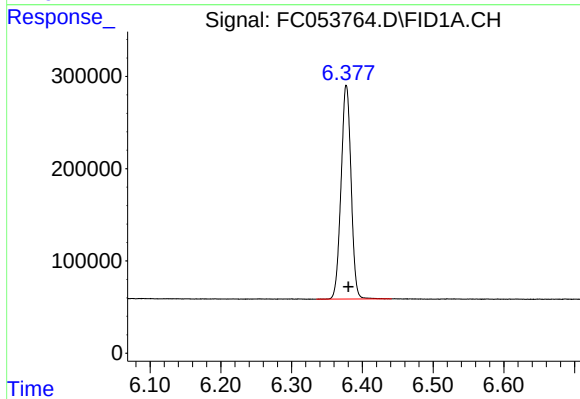
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2226745
Conc: 18.80 ug/ml



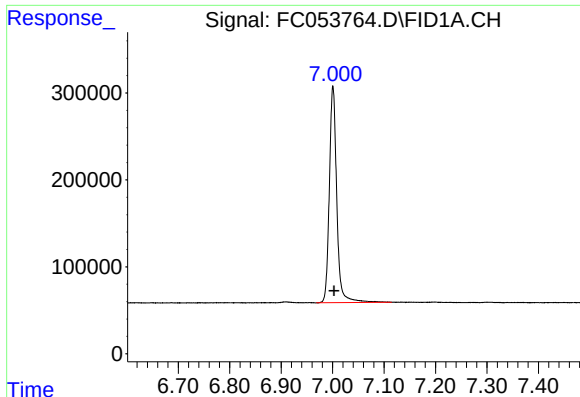
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 2459224
Conc: 18.87 ug/ml



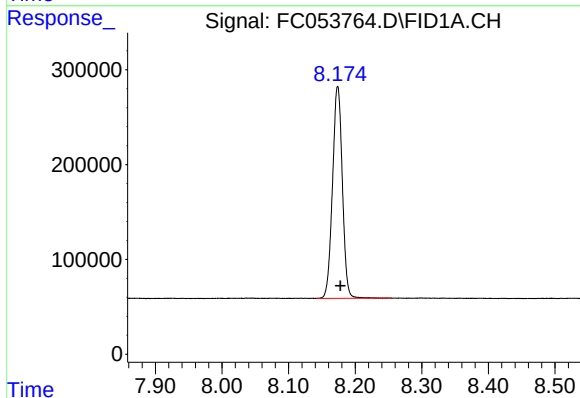
#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 2281510
Conc: 18.85 ug/ml



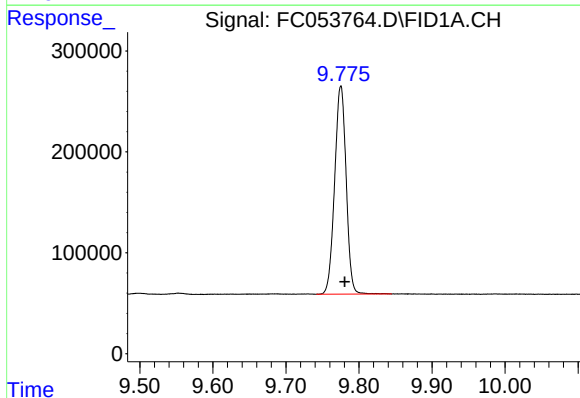
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.002 min
Response: 2496109
Conc: 18.88 ug/ml



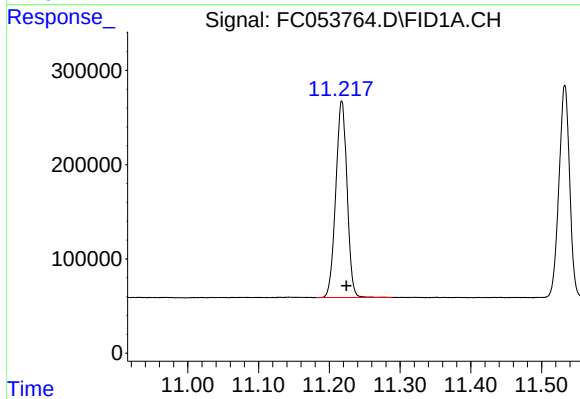
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.004 min
Response: 2294722
Conc: 18.84 ug/ml



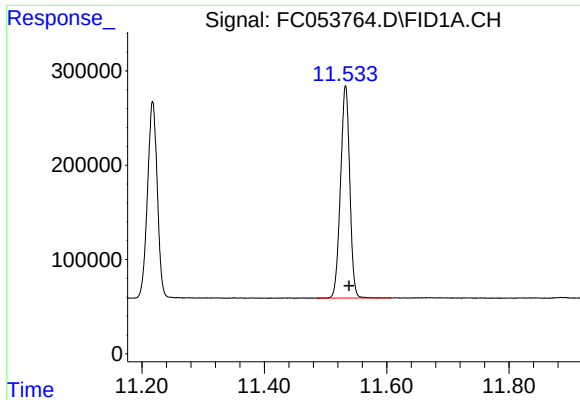
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.005 min
Response: 2255446
Conc: 18.42 ug/ml



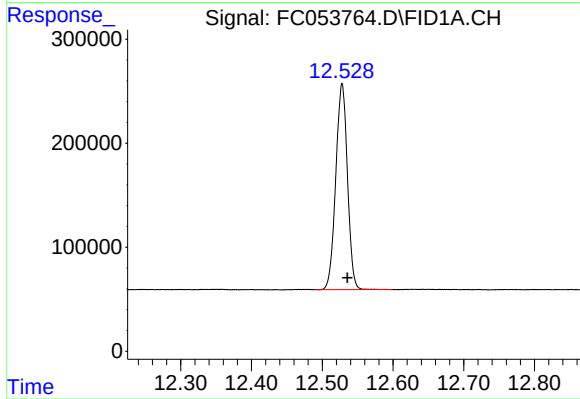
#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: -0.006 min
Response: 2313182
Conc: 17.76 ug/ml



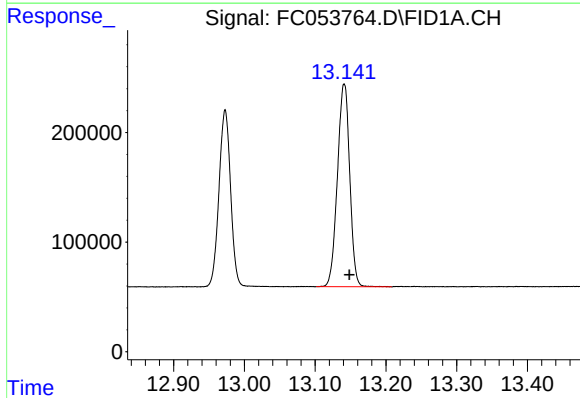
#9 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: -0.005 min
Response: 2365045
Conc: 17.08 ug/ml



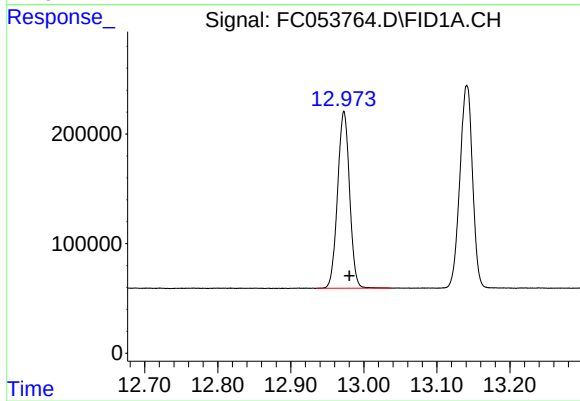
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.008 min
Response: 2274648
Conc: 17.19 ug/ml



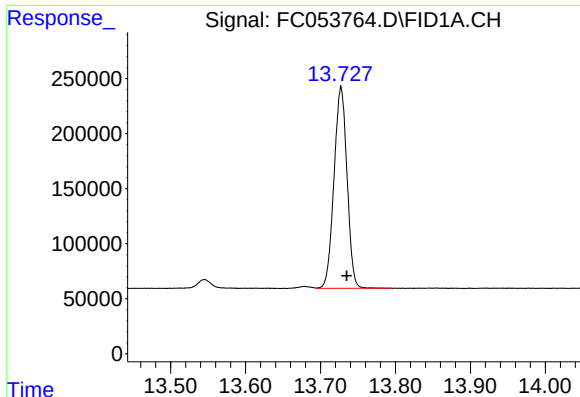
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.007 min
Response: 2233408
Conc: 16.82 ug/ml



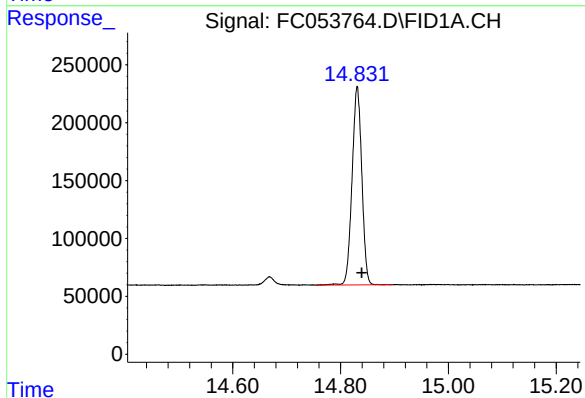
#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: -0.008 min
Response: 1844097
Conc: 16.53 ug/ml



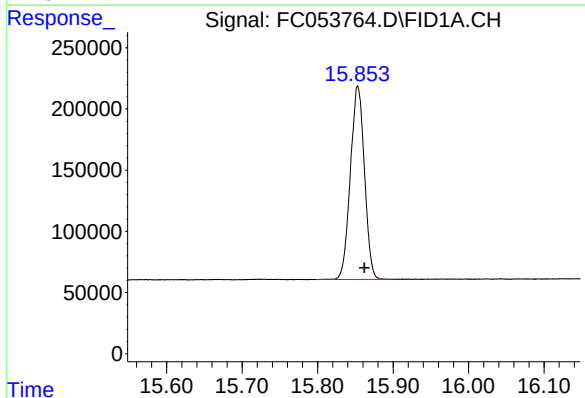
#13 n-Docosane (C22)

R.T.: 13.727 min
Delta R.T.: -0.008 min
Response: 2209504
Conc: 16.61 ug/ml



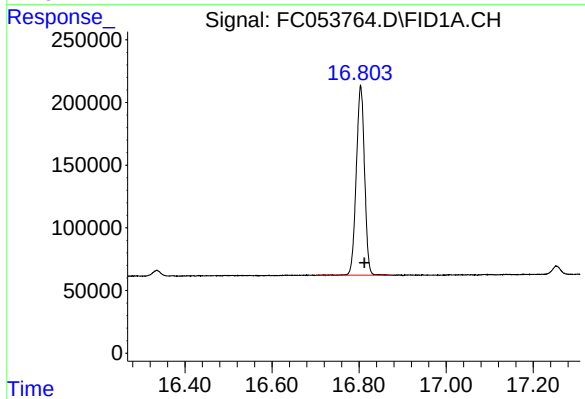
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.009 min
Response: 2146184
Conc: 16.08 ug/ml



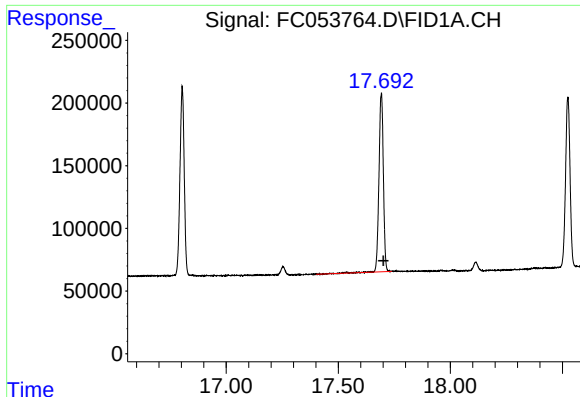
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.008 min
Response: 2044277
Conc: 15.46 ug/ml



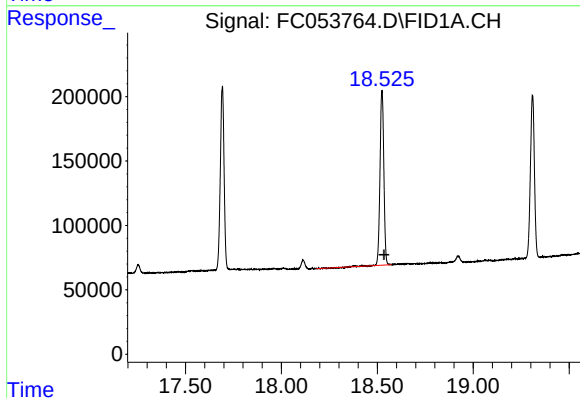
#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.009 min
Response: 1995277
Conc: 15.24 ug/ml



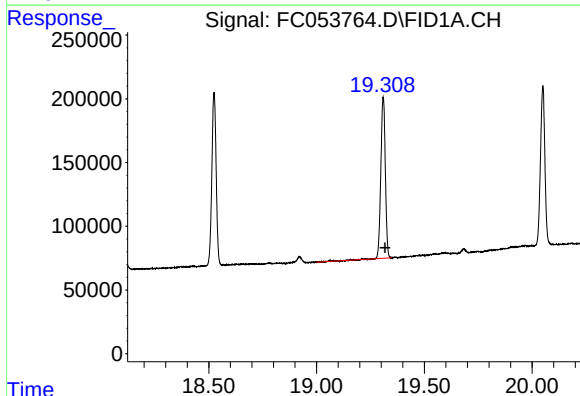
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: -0.009 min
Response: 1948416
Conc: 14.94 ug/ml



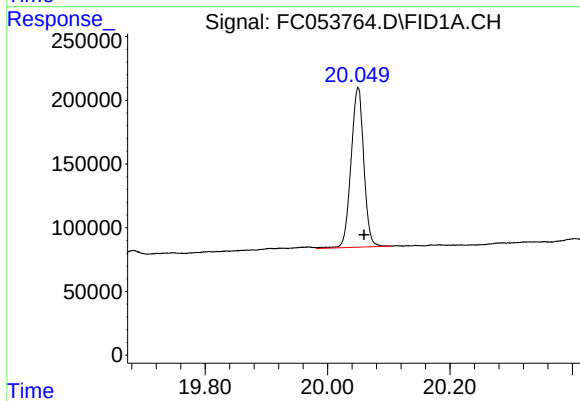
#18 n-Dotriacontane (C32)

R.T.: 18.524 min
Delta R.T.: -0.010 min
Response: 1881563
Conc: 14.91 ug/ml



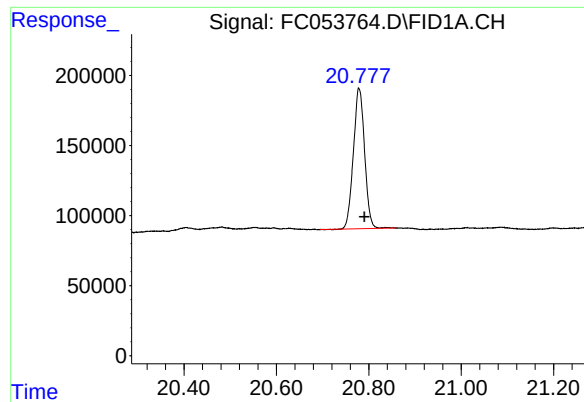
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.009 min
Response: 1833218
Conc: 15.05 ug/ml



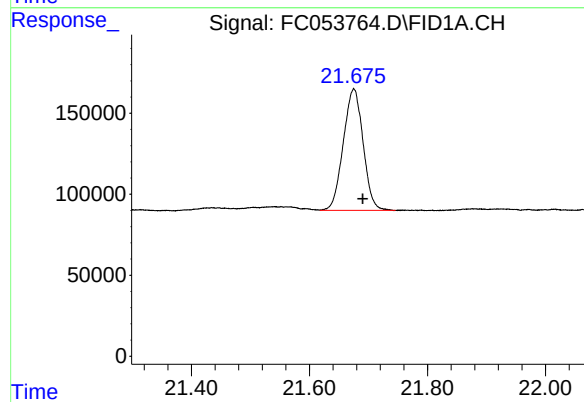
#20 n-Hexatriacontane (C36)

R.T.: 20.050 min
Delta R.T.: -0.010 min
Response: 1810138
Conc: 15.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.011 min
Response: 1688030
Conc: 16.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.675 min
Delta R.T.: -0.015 min
Response: 1751554
Conc: 17.58 ug/ml