

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051921AL\
 Data File : FC053833.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2021 3:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 20 05:07:01 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)	11.531	2547352	18.399 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
12) S 1-chlorooctadecane (S...	12.970	1979720	17.750 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
Target Compounds			
1) T n-Nonane (C9)	3.292	2455234	20.787 ug/ml
2) T n-Decane (C10)	4.356	2494955	21.069 ug/ml
3) T A~Naphthalene (C11.7)	5.941	2703160	20.746 ug/ml
4) T n-Dodecane (C12)	6.375	2551205	21.084 ug/ml
5) T A~2-methylnaphthalene...	6.999	2754072	20.831 ug/ml
6) T n-Tetradecane (C14)	8.171	2523395	20.715 ug/ml
7) T n-Hexadecane (C16)	9.772	2476630	20.221 ug/ml
8) T n-Octadecane (C18)	11.215	2506398	19.245 ug/ml
10) T n-Eicosane (C20)	12.526	2448386	18.498 ug/ml
11) T n-Heneicosane (C21)	13.138	2404824	18.107 ug/ml
13) T n-Docosane (C22)	13.725	2382395	17.911 ug/ml
14) T n-Tetracosane (C24)	14.829	2359182	17.674 ug/ml
15) T n-Hexacosane (C26)	15.851	2267267	17.149 ug/ml
16) T n-Octacosane (C28)	16.802	2239373	17.107 ug/ml
17) T n-Tricontane (C30)	17.691	2265495	17.369 ug/ml
18) T n-Dotriacontane (C32)	18.524	2246510	17.804 ug/ml
19) T n-Tetratriacontane (C34)	19.307	2145864	17.612 ug/ml
20) T n-Hexatriacontane (C36)	20.048	2844680	24.331 ug/ml
21) T n-Octatriacontane (C38)	20.778	1972879	19.178 ug/ml
22) T n-Tetracontane (C40)	21.673	2075541	20.829 ug/ml

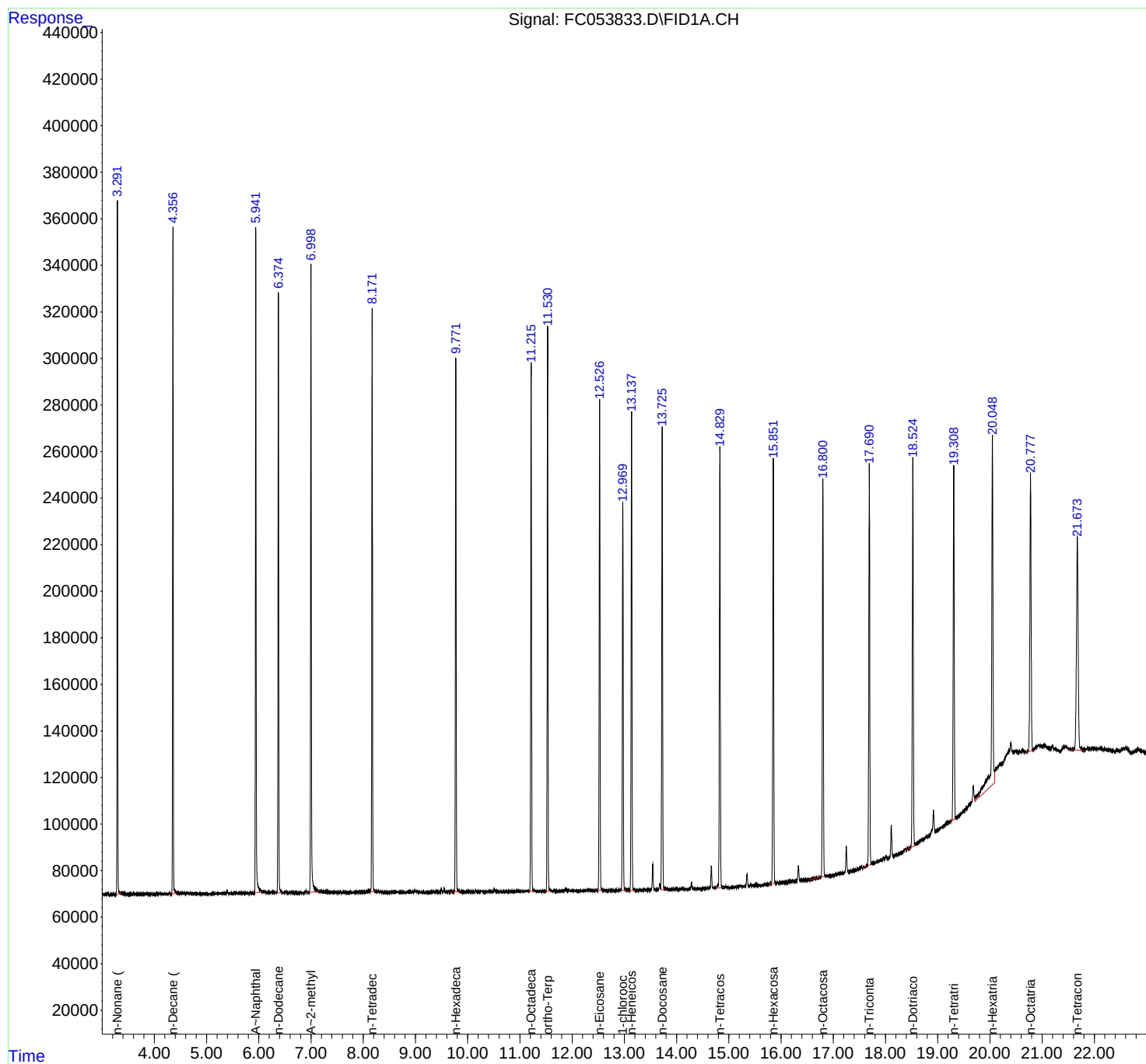
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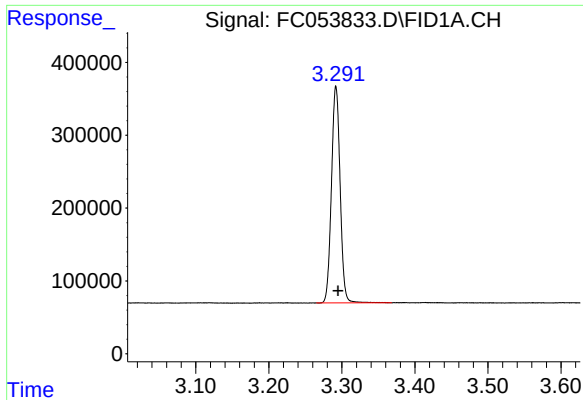
(m)=manual int.

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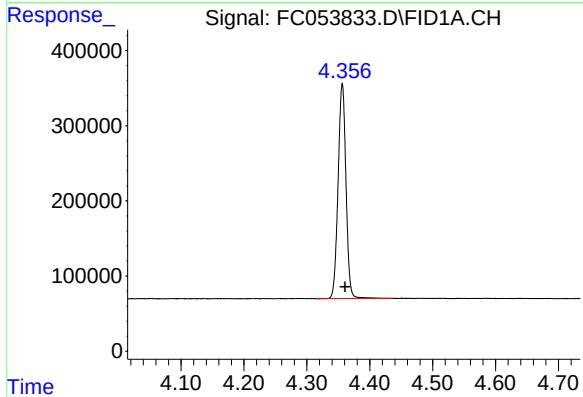
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





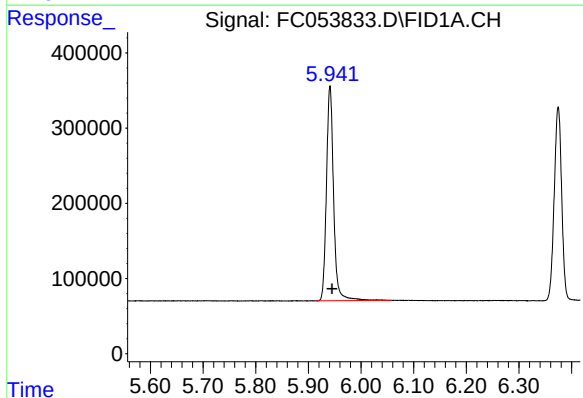
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.003 min
Response: 2455234
Conc: 20.79 ug/ml



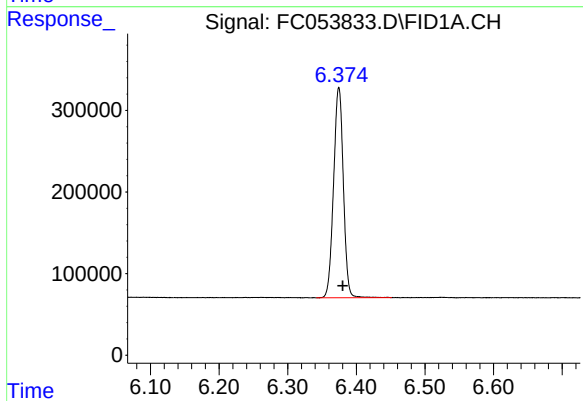
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: -0.004 min
Response: 2494955
Conc: 21.07 ug/ml



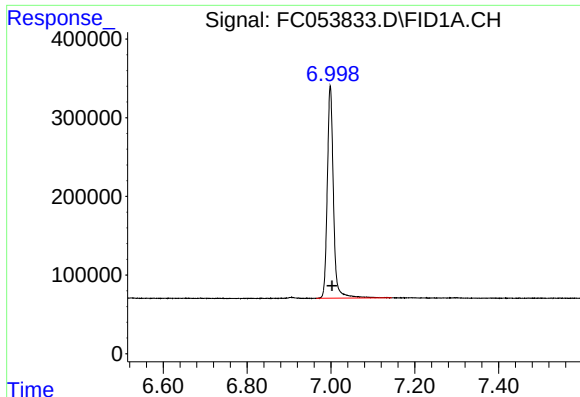
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 2703160
Conc: 20.75 ug/ml



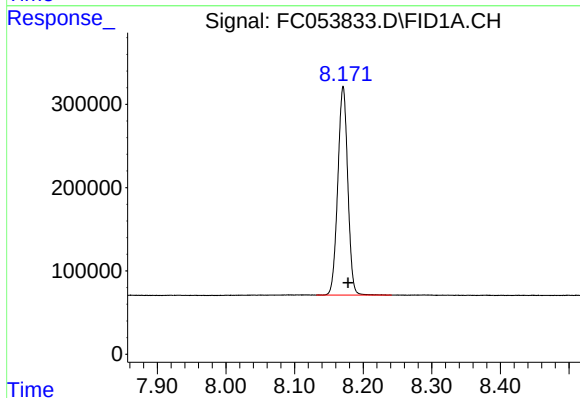
#4 n-Dodecane (C12)

R.T.: 6.375 min
Delta R.T.: -0.006 min
Response: 2551205
Conc: 21.08 ug/ml



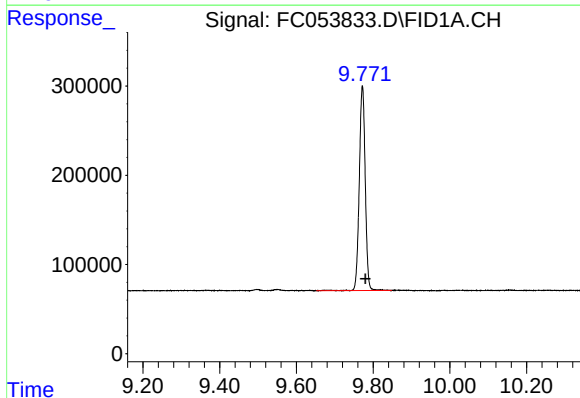
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.004 min
Response: 2754072
Conc: 20.83 ug/ml



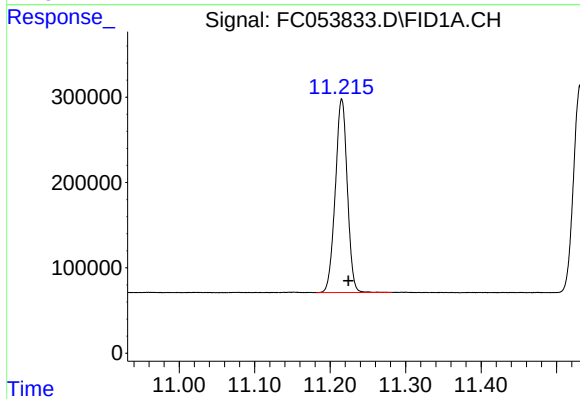
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.007 min
Response: 2523395
Conc: 20.71 ug/ml



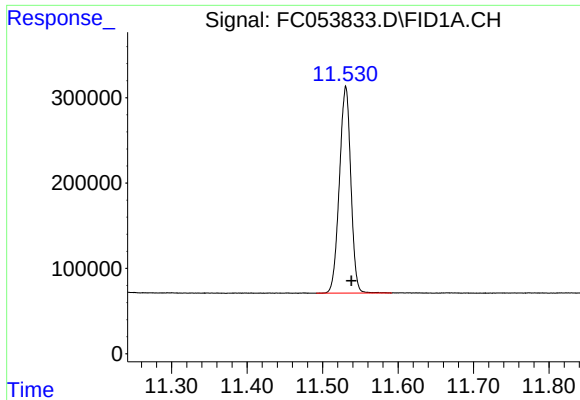
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.008 min
Response: 2476630
Conc: 20.22 ug/ml



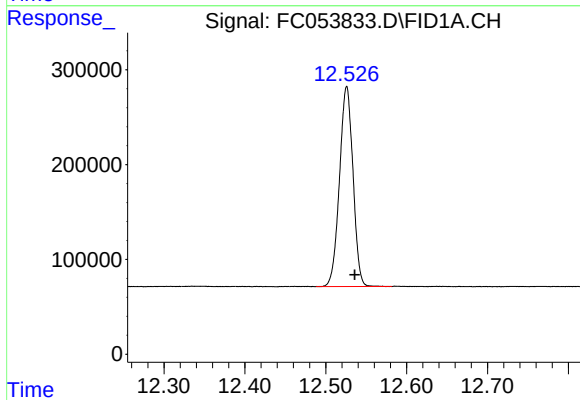
#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.009 min
Response: 2506398
Conc: 19.25 ug/ml



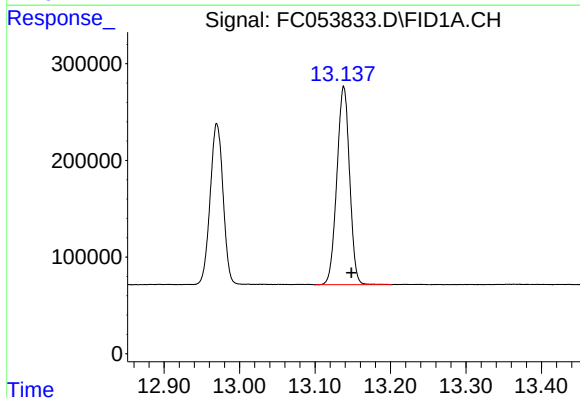
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.008 min
Response: 2547352
Conc: 18.40 ug/ml



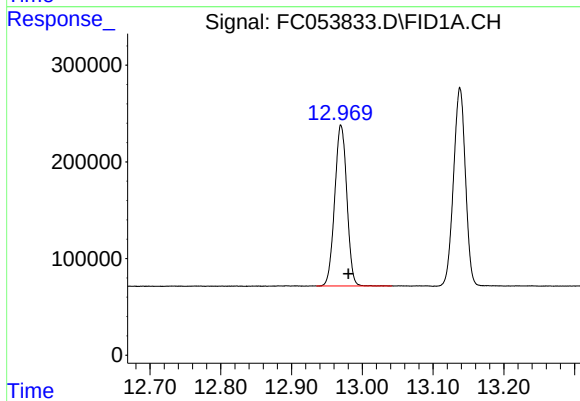
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.010 min
Response: 2448386
Conc: 18.50 ug/ml



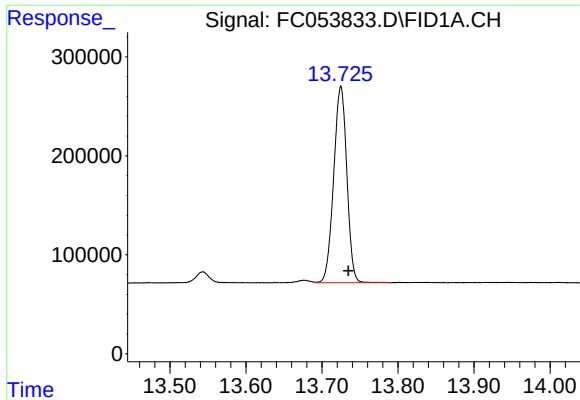
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.010 min
Response: 2404824
Conc: 18.11 ug/ml



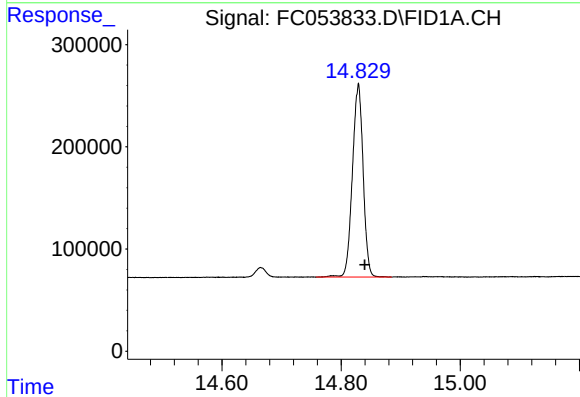
#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: -0.010 min
Response: 1979720
Conc: 17.75 ug/ml



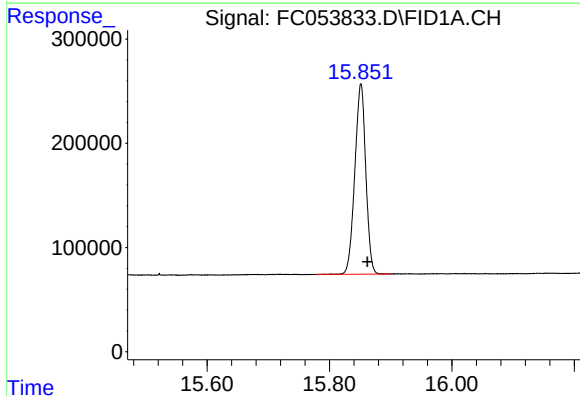
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: -0.010 min
Response: 2382395
Conc: 17.91 ug/ml



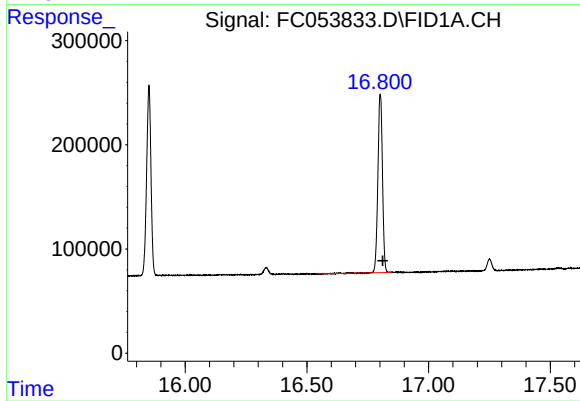
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.011 min
Response: 2359182
Conc: 17.67 ug/ml



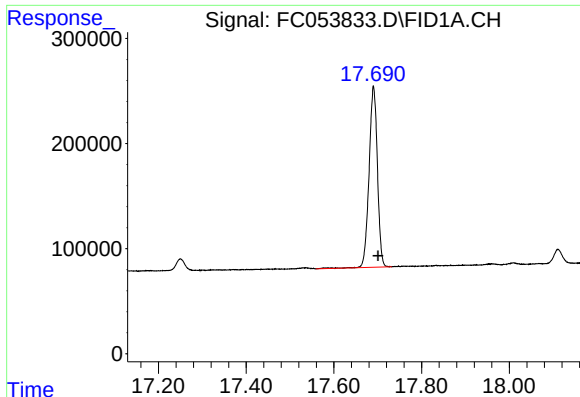
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.011 min
Response: 2267267
Conc: 17.15 ug/ml



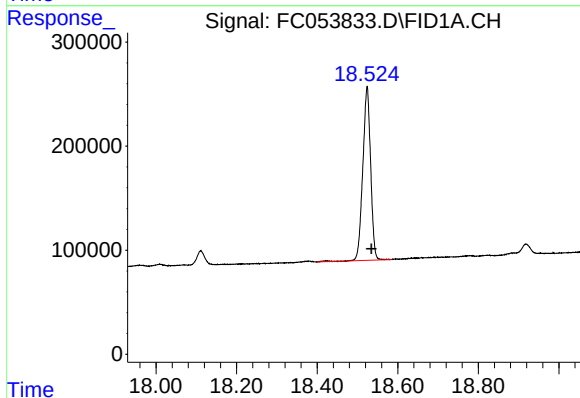
#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.011 min
Response: 2239373
Conc: 17.11 ug/ml



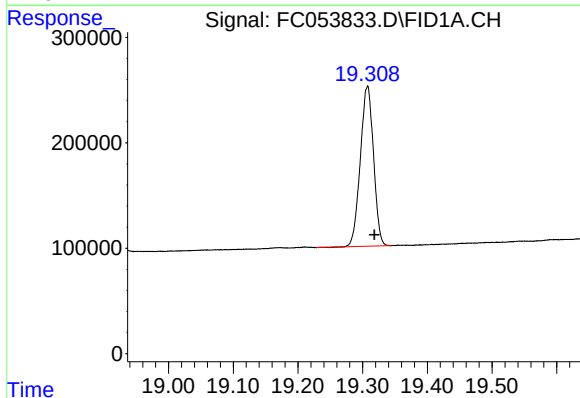
#17 n-Tricontane (C30)

R.T.: 17.691 min
Delta R.T.: -0.011 min
Response: 2265495
Conc: 17.37 ug/ml



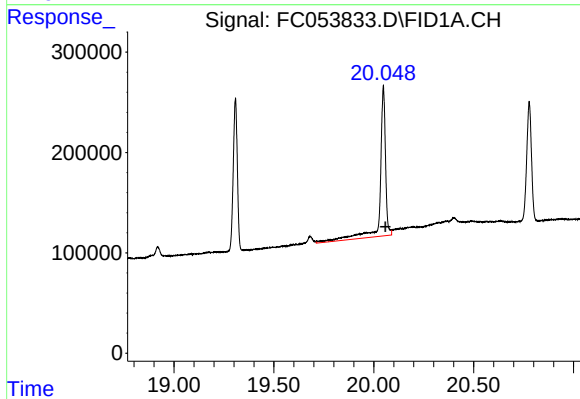
#18 n-Dotriacontane (C32)

R.T.: 18.524 min
Delta R.T.: -0.011 min
Response: 2246510
Conc: 17.80 ug/ml



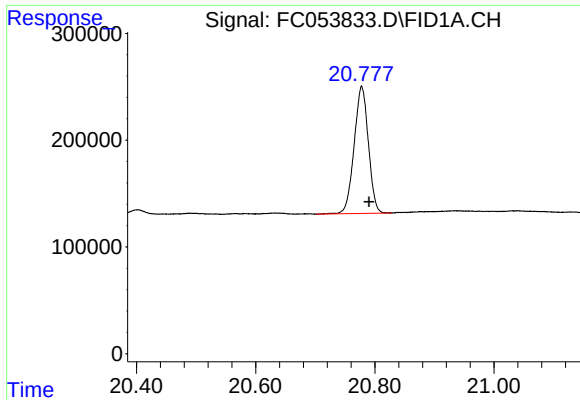
#19 n-Tetratriacontane (C34)

R.T.: 19.307 min
Delta R.T.: -0.011 min
Response: 2145864
Conc: 17.61 ug/ml



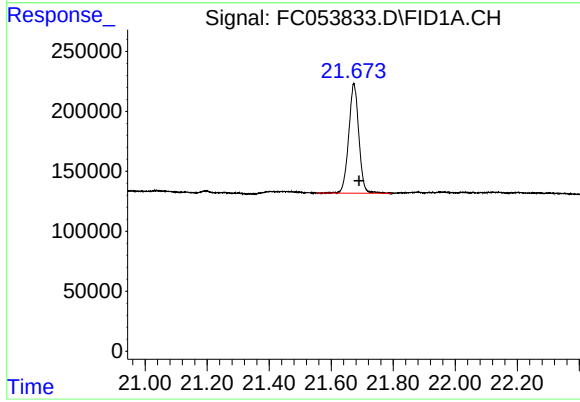
#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.012 min
Response: 2844680
Conc: 24.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.012 min
Response: 1972879
Conc: 19.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.673 min
Delta R.T.: -0.017 min
Response: 2075541
Conc: 20.83 ug/ml