

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051321AL\
 Data File : FC053715.D
 Signal(s) : FID1A.CH
 Acq On : 14 May 2021 9:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 14 10:05:01 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)	11.527	2749900	19.862 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	12.969	2137008	19.160 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	3.287	2598606	22.001 ug/ml
2) T n-Decane (C10)	4.351	2663725	22.495 ug/ml
3) T A~Naphthalene (C11.7)	5.936	2940422	22.566 ug/ml
4) T n-Dodecane (C12)	6.370	2738467	22.631 ug/ml
5) T A~2-methylnaphthalene...	6.994	2992462	22.634 ug/ml
6) T n-Tetradecane (C14)	8.168	2739871	22.492 ug/ml
7) T n-Hexadecane (C16)	9.770	2685117	21.923 ug/ml
8) T n-Octadecane (C18)	11.213	2714145	20.841 ug/ml
10) T n-Eicosane (C20)	12.524	2641456	19.956 ug/ml
11) T n-Heneicosane (C21)	13.137	2578165	19.412 ug/ml
13) T n-Docosane (C22)	13.724	2515431	18.911 ug/ml
14) T n-Tetracosane (C24)	14.828	2412214	18.071 ug/ml
15) T n-Hexacosane (C26)	15.850	2284229	17.277 ug/ml
16) T n-Octacosane (C28)	16.800	2236402	17.084 ug/mlm
17) T n-Tricontane (C30)	17.688	2222888	17.043 ug/mlm
18) T n-Dotriacontane (C32)	18.523	2212671	17.536 ug/mlm
19) T n-Tetratriacontane (C34)	19.309	2172542	17.831 ug/mlm
20) T n-Hexatriacontane (C36)	20.047	2102319	17.981 ug/mlm
21) T n-Octatriacontane (C38)	20.778	2002639	19.467 ug/ml
22) T n-Tetracontane (C40)	21.673	2050557	20.579 ug/ml

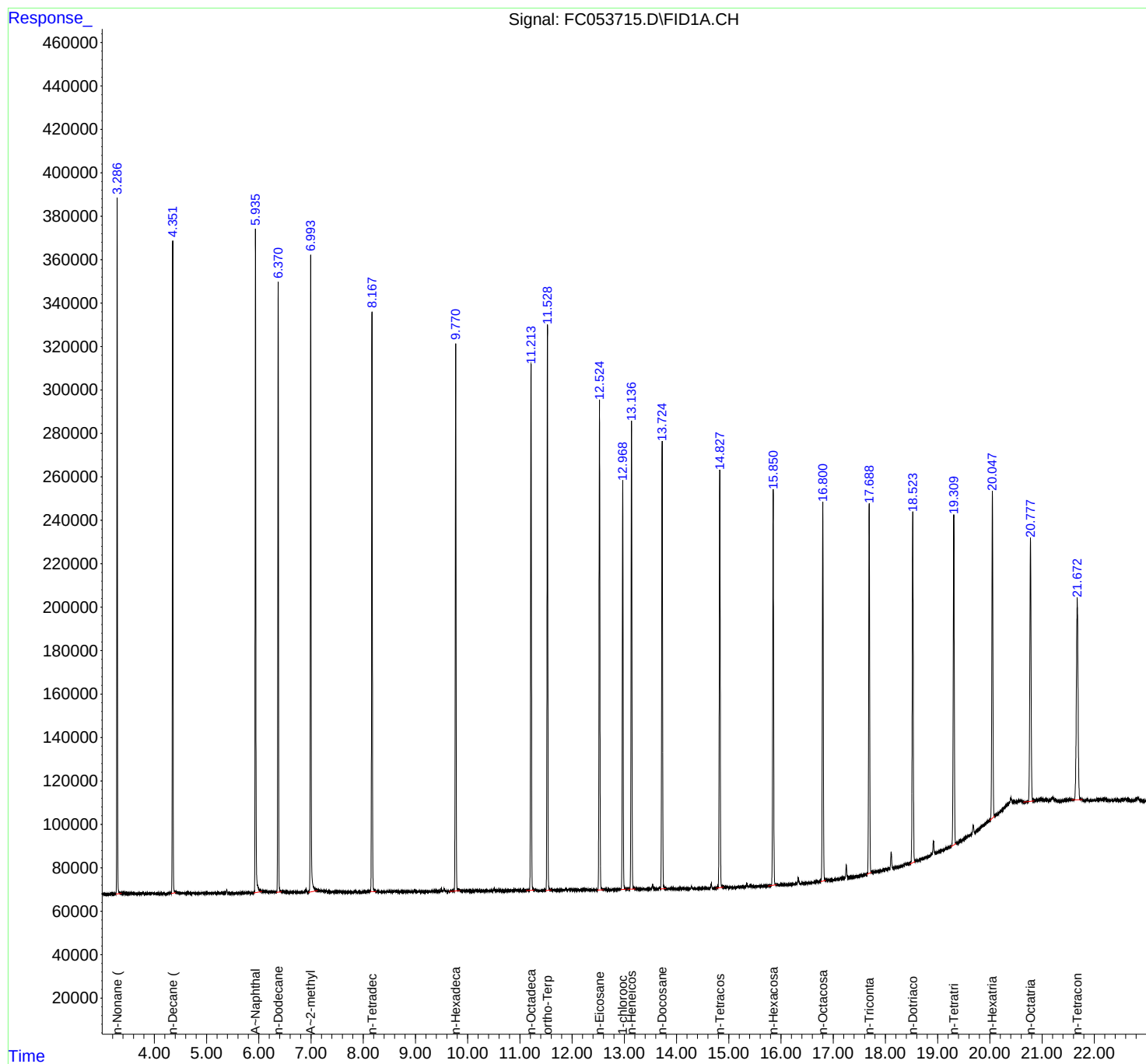
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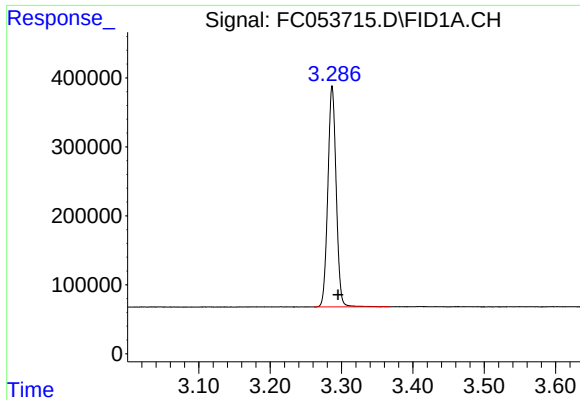
(m)=manual int.

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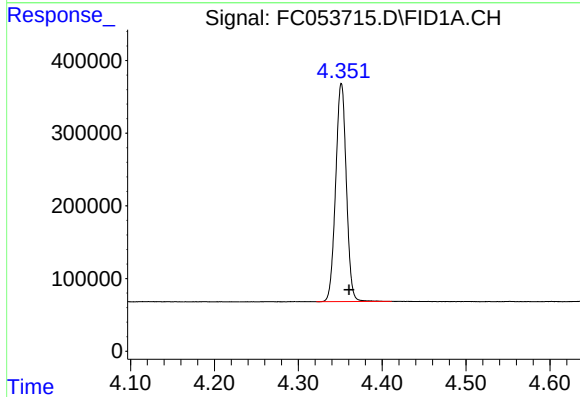
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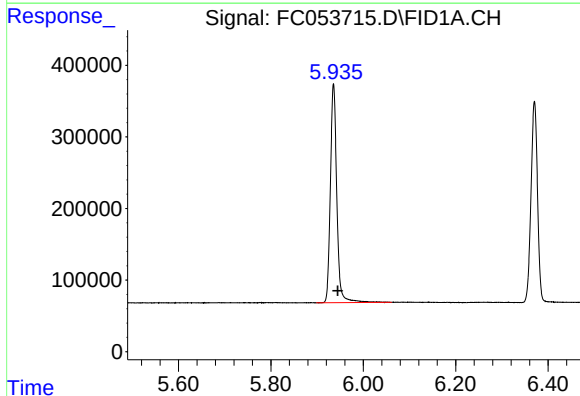
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: -0.008 min
Response: 2598606
Conc: 22.00 ug/ml



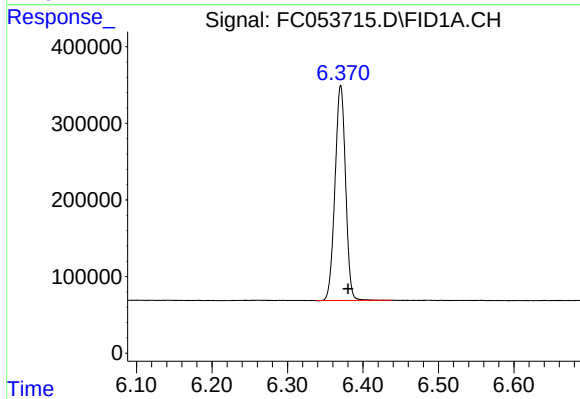
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.009 min
Response: 2663725
Conc: 22.49 ug/ml



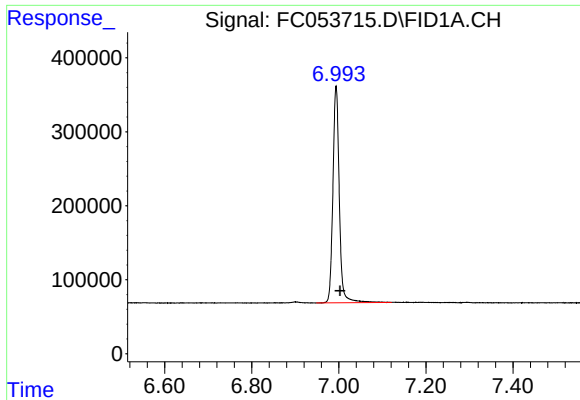
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 2940422
Conc: 22.57 ug/ml



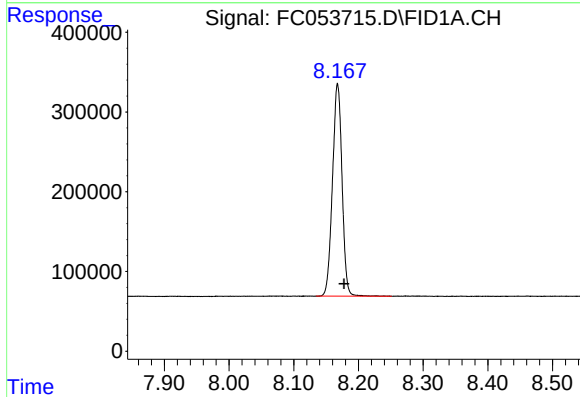
#4 n-Dodecane (C12)

R.T.: 6.370 min
Delta R.T.: -0.010 min
Response: 2738467
Conc: 22.63 ug/ml



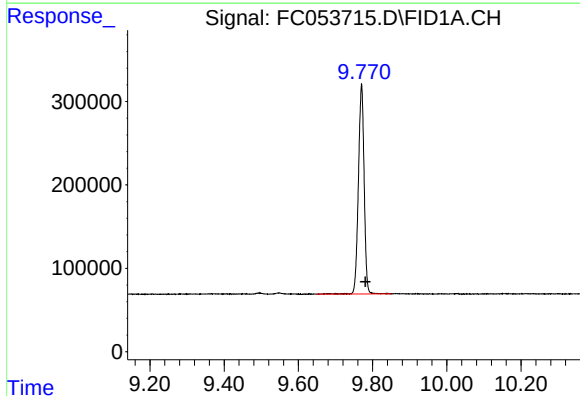
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: -0.009 min
Response: 2992462
Conc: 22.63 ug/ml



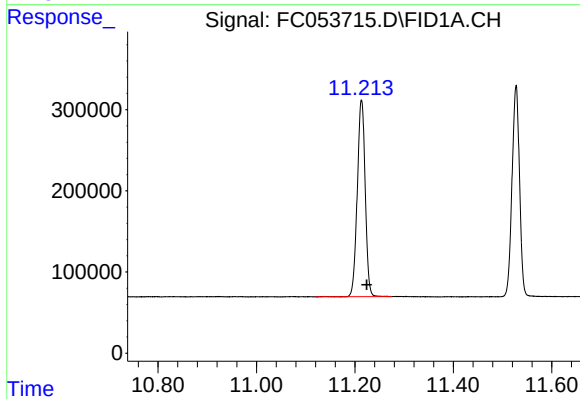
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.010 min
Response: 2739871
Conc: 22.49 ug/ml



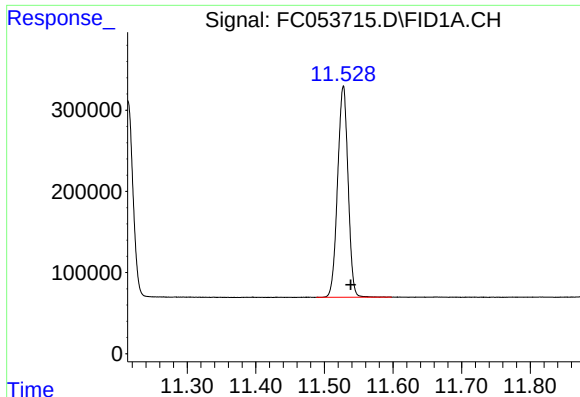
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.010 min
Response: 2685117
Conc: 21.92 ug/ml



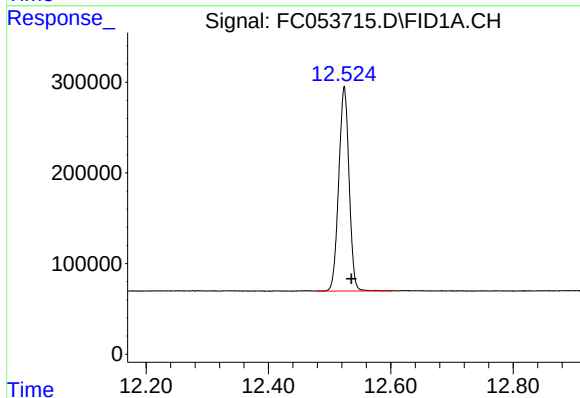
#8 n-Octadecane (C18)

R.T.: 11.213 min
Delta R.T.: -0.011 min
Response: 2714145
Conc: 20.84 ug/ml



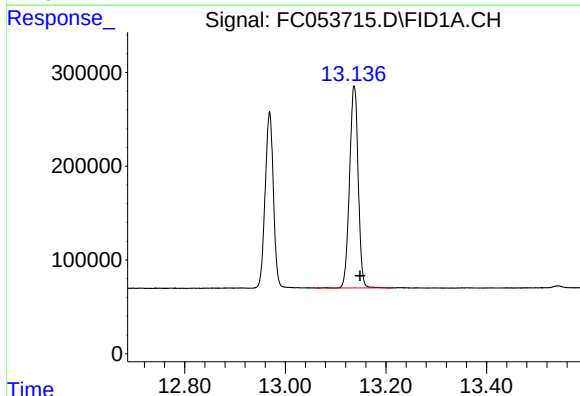
#9 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: -0.011 min
Response: 2749900
Conc: 19.86 ug/ml



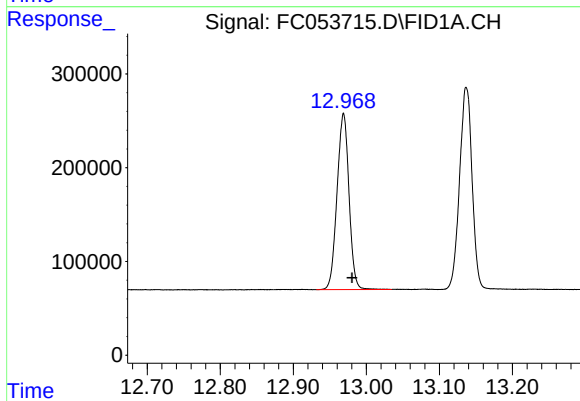
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.012 min
Response: 2641456
Conc: 19.96 ug/ml



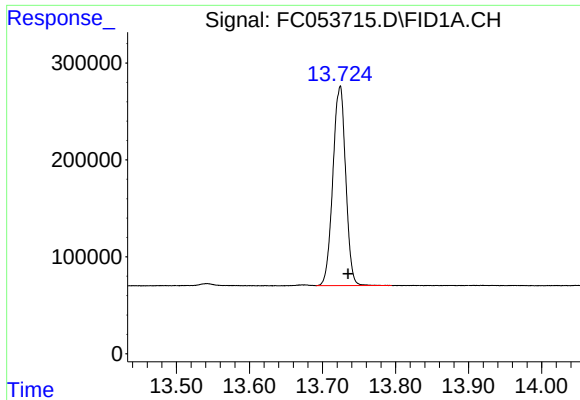
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.011 min
Response: 2578165
Conc: 19.41 ug/ml



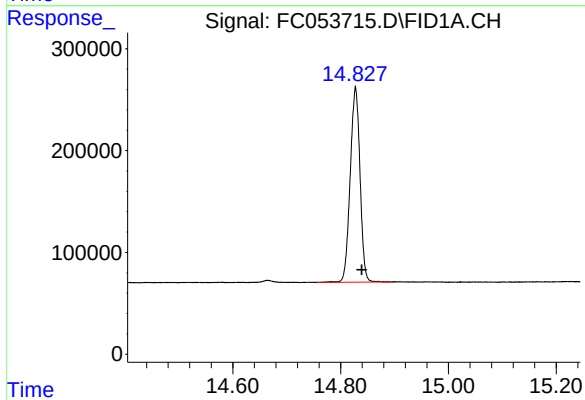
#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: -0.012 min
Response: 2137008
Conc: 19.16 ug/ml



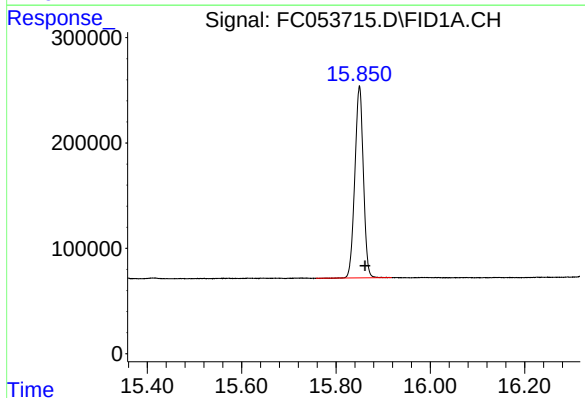
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.011 min
Response: 2515431
Conc: 18.91 ug/ml



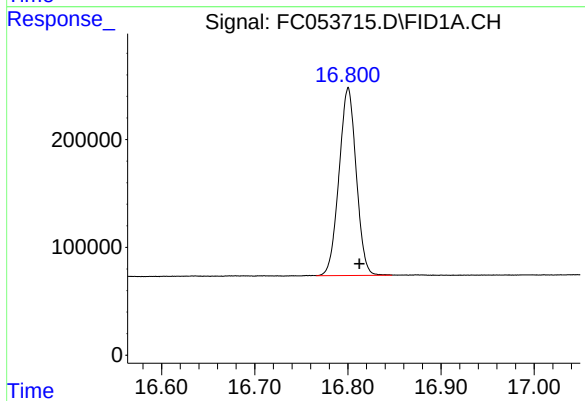
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.012 min
Response: 2412214
Conc: 18.07 ug/ml



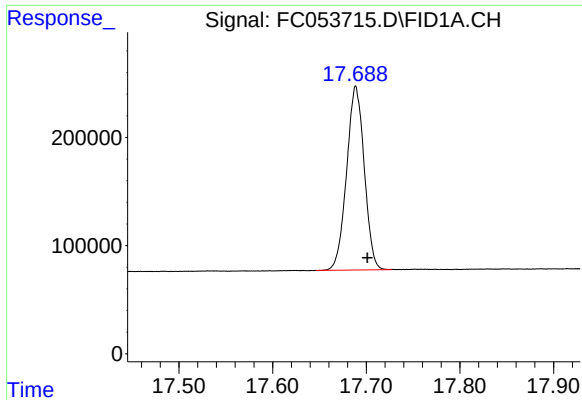
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.012 min
Response: 2284229
Conc: 17.28 ug/ml



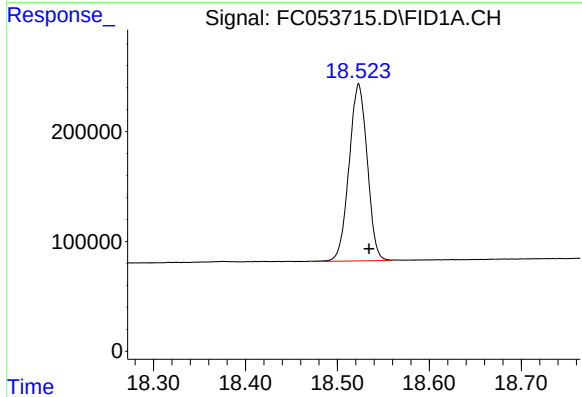
#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.012 min
Response: 2236402
Conc: 17.08 ug/ml m



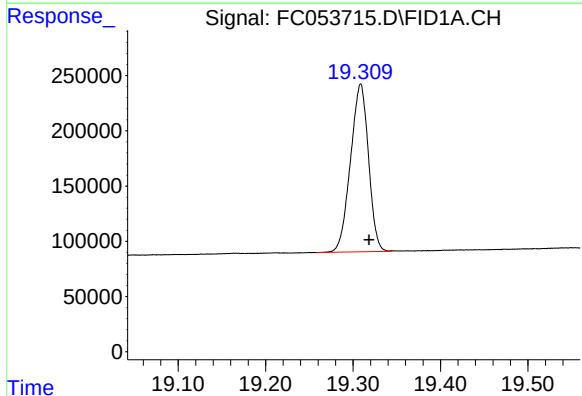
#17 n-Tricontane (C30)

R.T.: 17.688 min
Delta R.T.: -0.013 min
Response: 222288
Conc: 17.04 ug/ml m



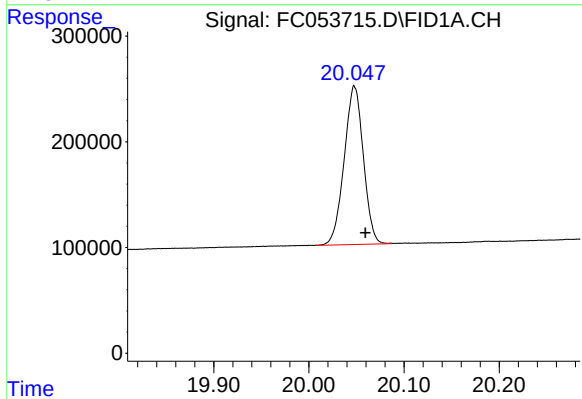
#18 n-Dotriacontane (C32)

R.T.: 18.523 min
Delta R.T.: -0.012 min
Response: 2212671
Conc: 17.54 ug/ml m



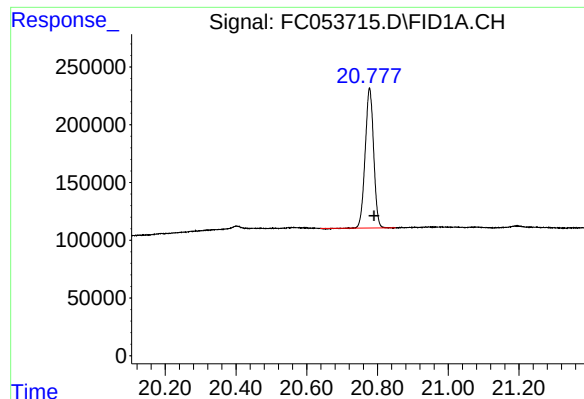
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.009 min
Response: 2172542
Conc: 17.83 ug/ml m



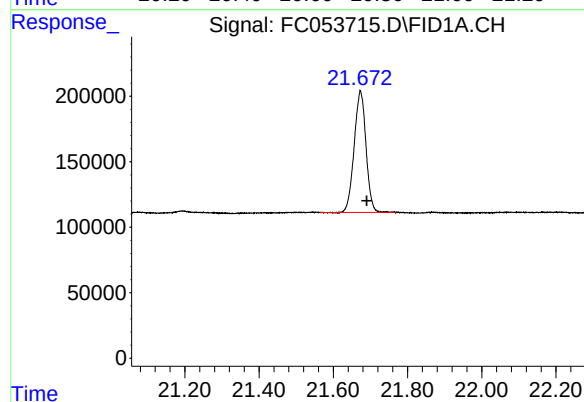
#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.012 min
Response: 2102319
Conc: 17.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.012 min
Response: 2002639
Conc: 19.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.673 min
Delta R.T.: -0.017 min
Response: 2050557
Conc: 20.58 ug/ml