

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051721AL\
 Data File : FC053770.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2021 14:59
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 18 02:56:58 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)	11.532	2349794	16.972 ug/ml
Spiked Amount 50.000		Recovery =	33.94%
12) S 1-chlorooctadecane (S...	12.972	1838428	16.483 ug/ml
Spiked Amount 50.000		Recovery =	32.97%
Target Compounds			
1) T n-Nonane (C9)	3.295	2205199	18.670 ug/ml
2) T n-Decane (C10)	4.359	2225123	18.791 ug/ml
3) T A~Naphthalene (C11.7)	5.943	2439319	18.721 ug/ml
4) T n-Dodecane (C12)	6.376	2277943	18.825 ug/ml
5) T A~2-methylnaphthalene...	7.000	2481064	18.766 ug/ml
6) T n-Tetradecane (C14)	8.173	2285595	18.763 ug/ml
7) T n-Hexadecane (C16)	9.774	2246031	18.338 ug/ml
8) T n-Octadecane (C18)	11.217	2293688	17.612 ug/ml
10) T n-Eicosane (C20)	12.527	2257625	17.057 ug/ml
11) T n-Heneicosane (C21)	13.139	2215978	16.685 ug/ml
13) T n-Docosane (C22)	13.726	2199628	16.537 ug/ml
14) T n-Tetracosane (C24)	14.830	2152360	16.124 ug/ml
15) T n-Hexacosane (C26)	15.852	2059919	15.580 ug/ml
16) T n-Octacosane (C28)	16.802	1999826	15.277 ug/ml
17) T n-Tricontane (C30)	17.690	1957426	15.007 ug/ml
18) T n-Dotriacontane (C32)	18.524	1895144	15.019 ug/ml
19) T n-Tetratriacontane (C34)	19.307	1839211	15.095 ug/mlm
20) T n-Hexatriacontane (C36)	20.048	1776798	15.197 ug/mlm
21) T n-Octatriacontane (C38)	20.779	1693364	16.461 ug/mlm
22) T n-Tetracontane (C40)	21.673	1732467	17.386 ug/ml

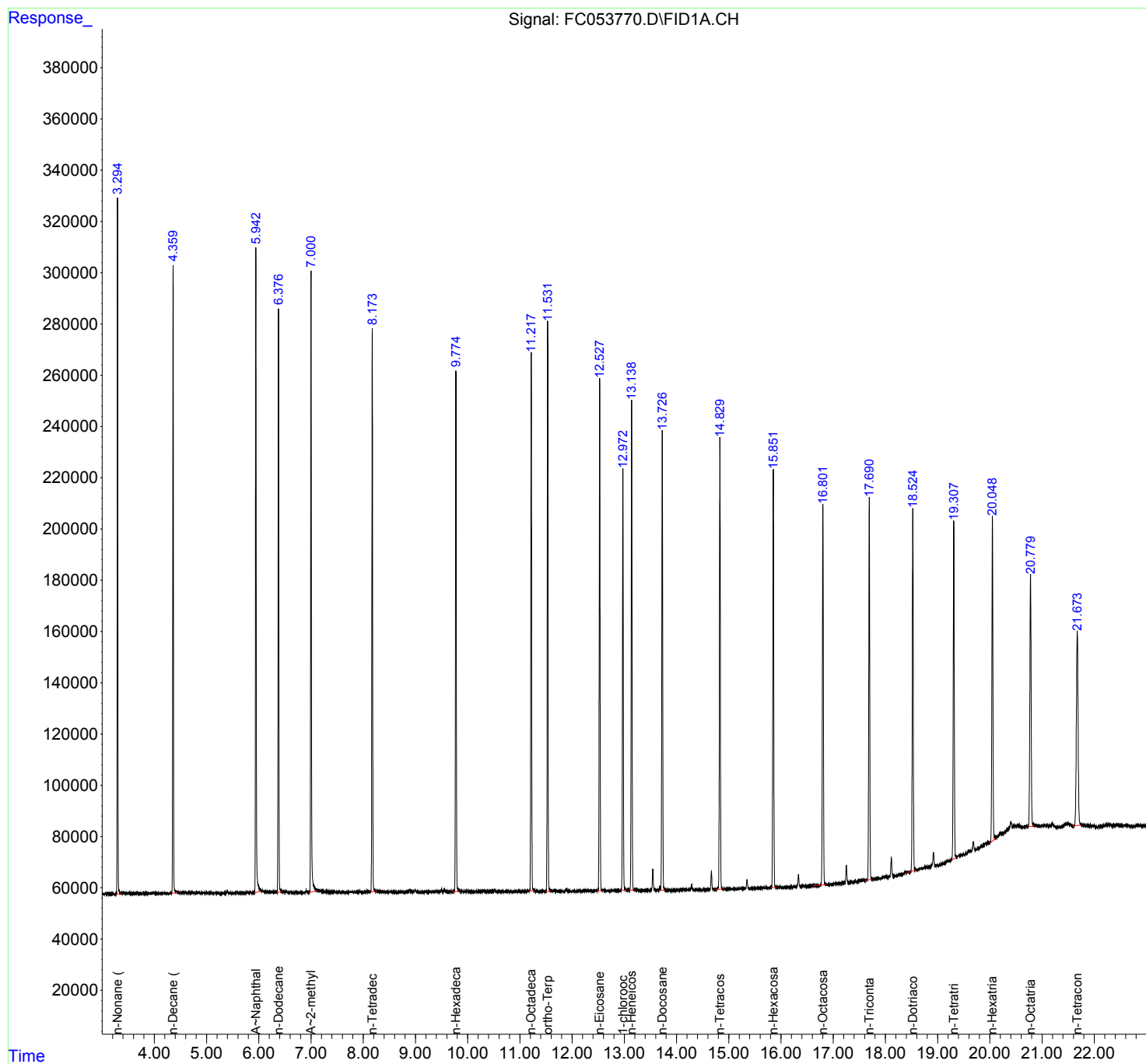
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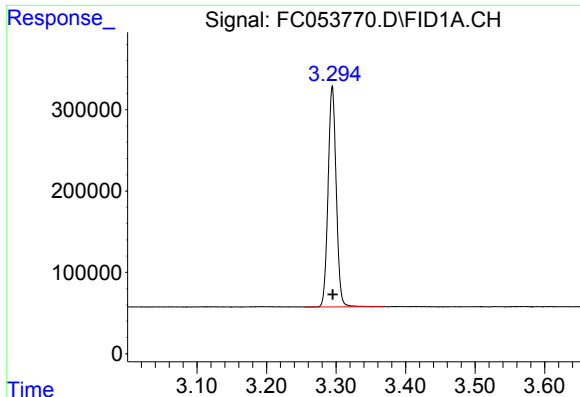
(m)=manual int.

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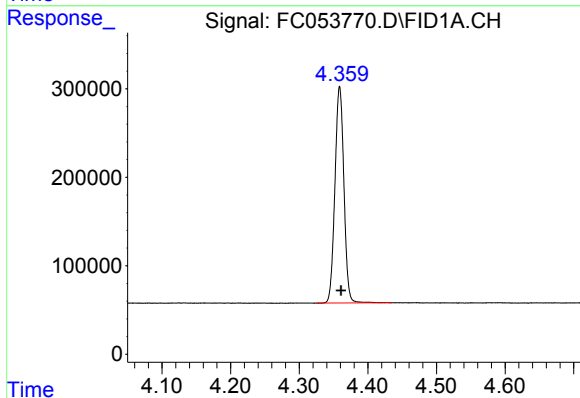
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





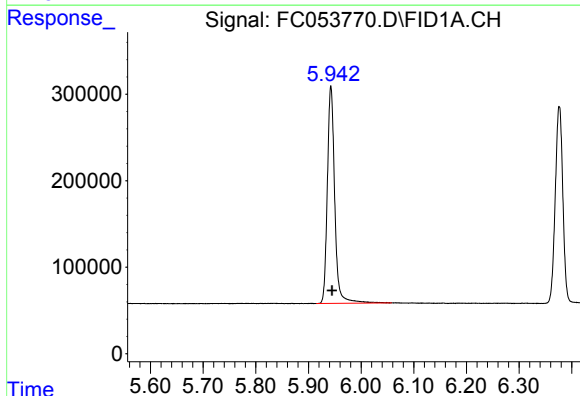
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 2205199
Conc: 18.67 ug/ml



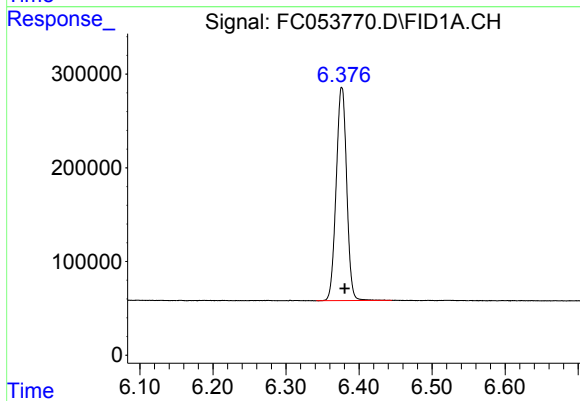
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2225123
Conc: 18.79 ug/ml



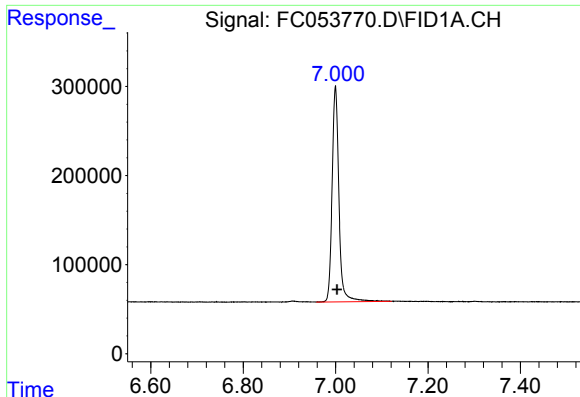
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 2439319
Conc: 18.72 ug/ml



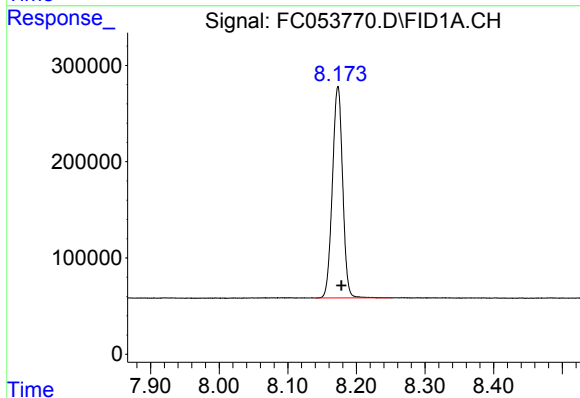
#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.004 min
Response: 2277943
Conc: 18.83 ug/ml



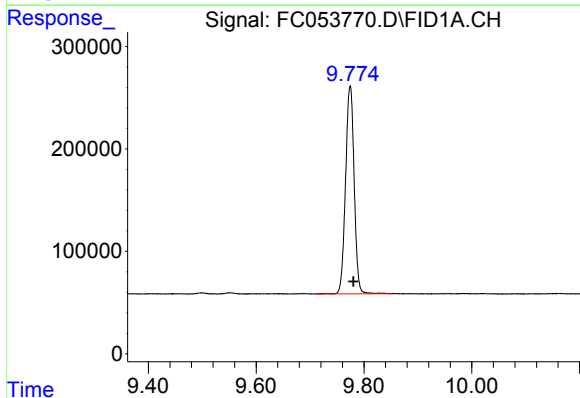
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.003 min
Response: 2481064
Conc: 18.77 ug/ml



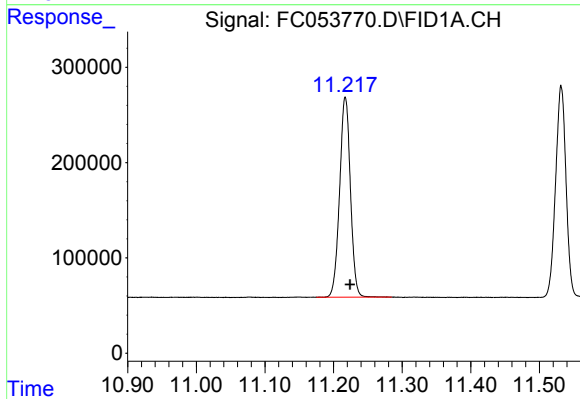
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.005 min
Response: 2285595
Conc: 18.76 ug/ml



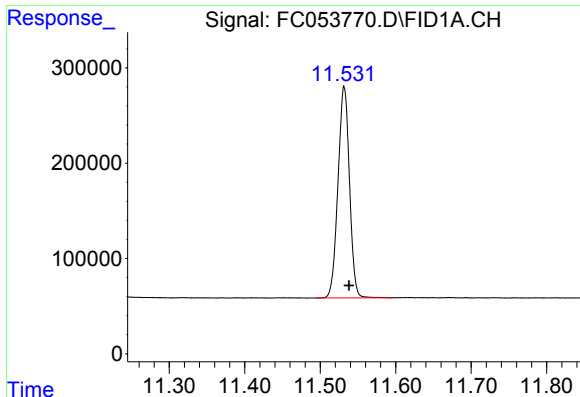
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.006 min
Response: 2246031
Conc: 18.34 ug/ml



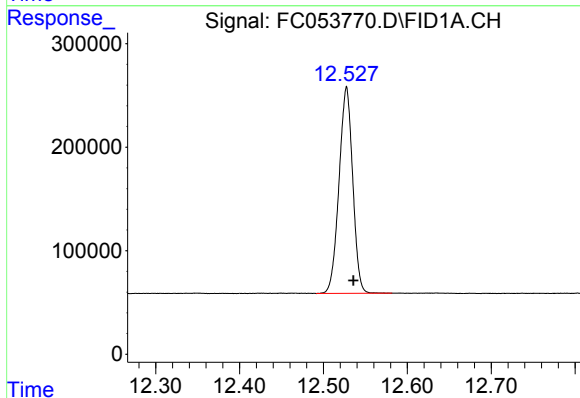
#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.007 min
Response: 2293688
Conc: 17.61 ug/ml



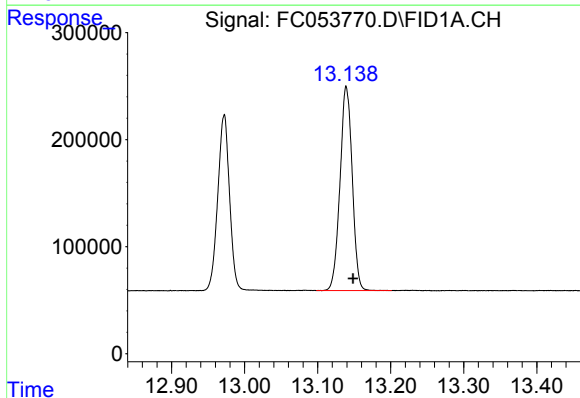
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.006 min
Response: 2349794
Conc: 16.97 ug/ml



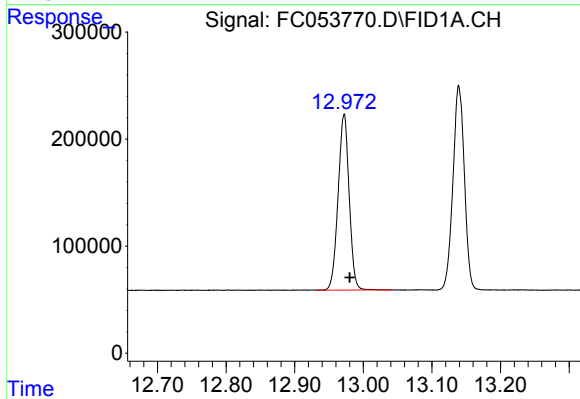
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.008 min
Response: 2257625
Conc: 17.06 ug/ml



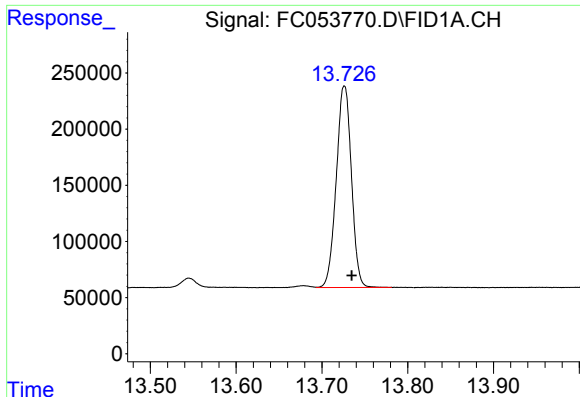
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.009 min
Response: 2215978
Conc: 16.69 ug/ml



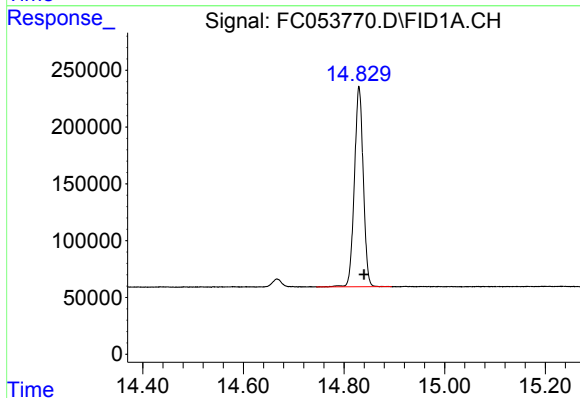
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.009 min
Response: 1838428
Conc: 16.48 ug/ml



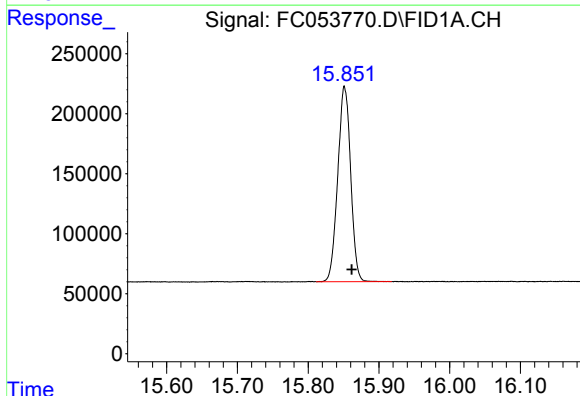
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.009 min
Response: 2199628
Conc: 16.54 ug/ml



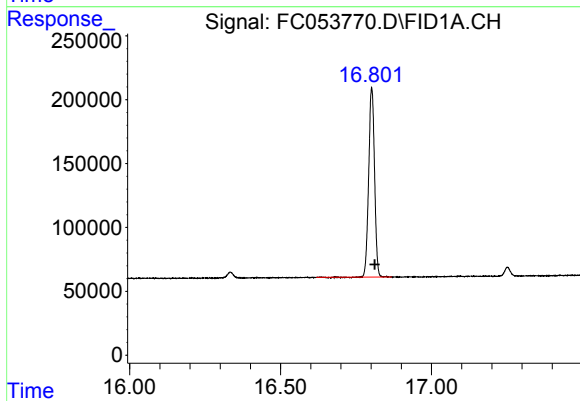
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: -0.010 min
Response: 2152360
Conc: 16.12 ug/ml



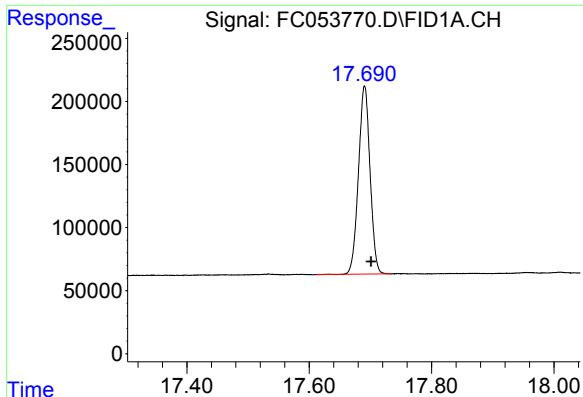
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.010 min
Response: 2059919
Conc: 15.58 ug/ml



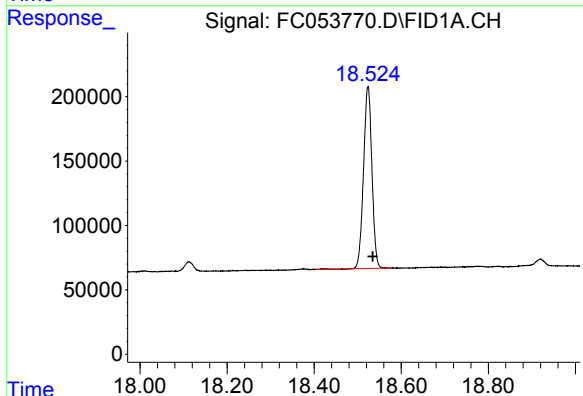
#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.010 min
Response: 1999826
Conc: 15.28 ug/ml



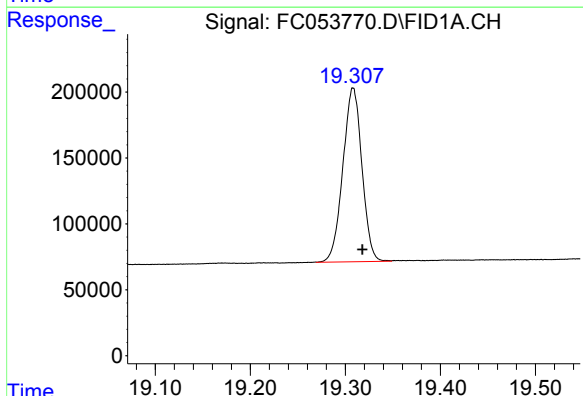
#17 n-Tricontane (C30)

R.T.: 17.690 min
Delta R.T.: -0.011 min
Response: 1957426
Conc: 15.01 ug/ml



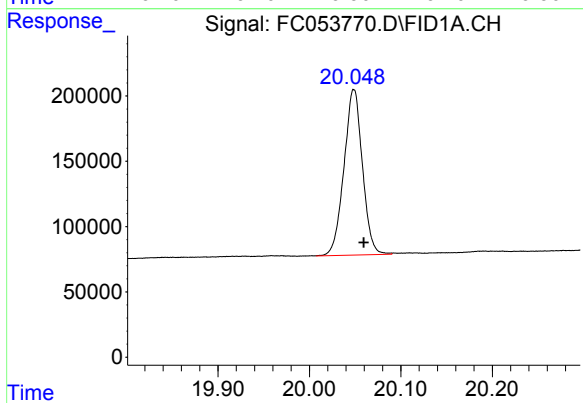
#18 n-Dotriacontane (C32)

R.T.: 18.524 min
Delta R.T.: -0.011 min
Response: 1895144
Conc: 15.02 ug/ml



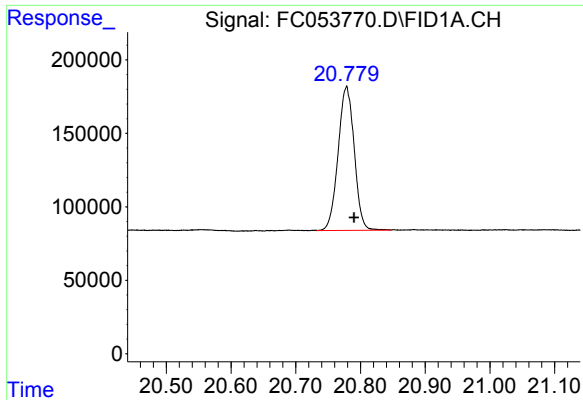
#19 n-Tetratriacontane (C34)

R.T.: 19.307 min
Delta R.T.: -0.011 min
Response: 1839211
Conc: 15.10 ug/ml m



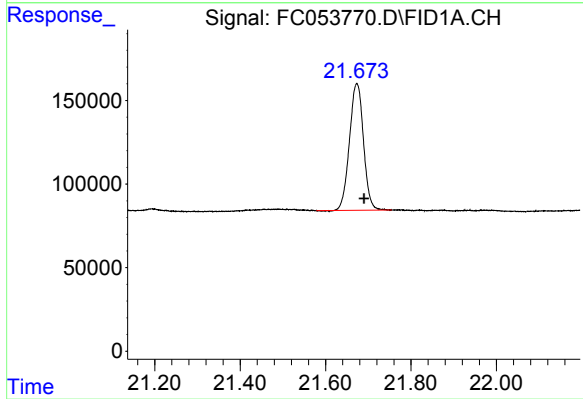
#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.012 min
Response: 1776798
Conc: 15.20 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.012 min
Response: 1693364
Conc: 16.46 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.673 min
Delta R.T.: -0.017 min
Response: 1732467
Conc: 17.39 ug/ml