

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040721AL\
 Data File : FC053000.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2021 9:56
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 08 02:20:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.558	2434936	18.166 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
12) S 1-chlorooctadecane (S...	12.997	1875456	17.388 ug/ml
Spiked Amount 50.000		Recovery =	34.78%
Target Compounds			
1) T n-Nonane (C9)	3.314	2454890	21.136 ug/ml
2) T n-Decane (C10)	4.380	2471915	21.094 ug/ml
3) T A~Naphthalene (C11.7)	5.966	2709565	20.695 ug/ml
4) T n-Dodecane (C12)	6.401	2504725	20.861 ug/ml
5) T A~2-methylnaphthalene...	7.025	2733309	20.419 ug/ml
6) T n-Tetradecane (C14)	8.198	2474659	20.461 ug/ml
7) T n-Hexadecane (C16)	9.799	2377117	19.765 ug/ml
8) T n-Octadecane (C18)	11.242	2388627	18.932 ug/ml
10) T n-Eicosane (C20)	12.552	2288544	17.922 ug/ml
11) T n-Heneicosane (C21)	13.164	2226822	17.519 ug/ml
13) T n-Docosane (C22)	13.751	2166126	17.099 ug/ml
14) T n-Tetracosane (C24)	14.853	2057858	16.473 ug/ml
15) T n-Hexacosane (C26)	15.874	1954877	16.235 ug/ml
16) T n-Octacosane (C28)	16.824	1913854	16.600 ug/ml
17) T n-Tricontane (C30)	17.711	1891008	17.357 ug/ml
18) T n-Dotriacontane (C32)	18.544	1864973	18.587 ug/ml
19) T n-Tetratriacontane (C34)	19.326	1872554	20.372 ug/ml
20) T n-Hexatriacontane (C36)	20.065	1860213	20.400 ug/ml
21) T n-Octatriacontane (C38)	20.797	1809819	22.175 ug/ml
22) T n-Tetracontane (C40)	21.698	1893247	21.979 ug/ml

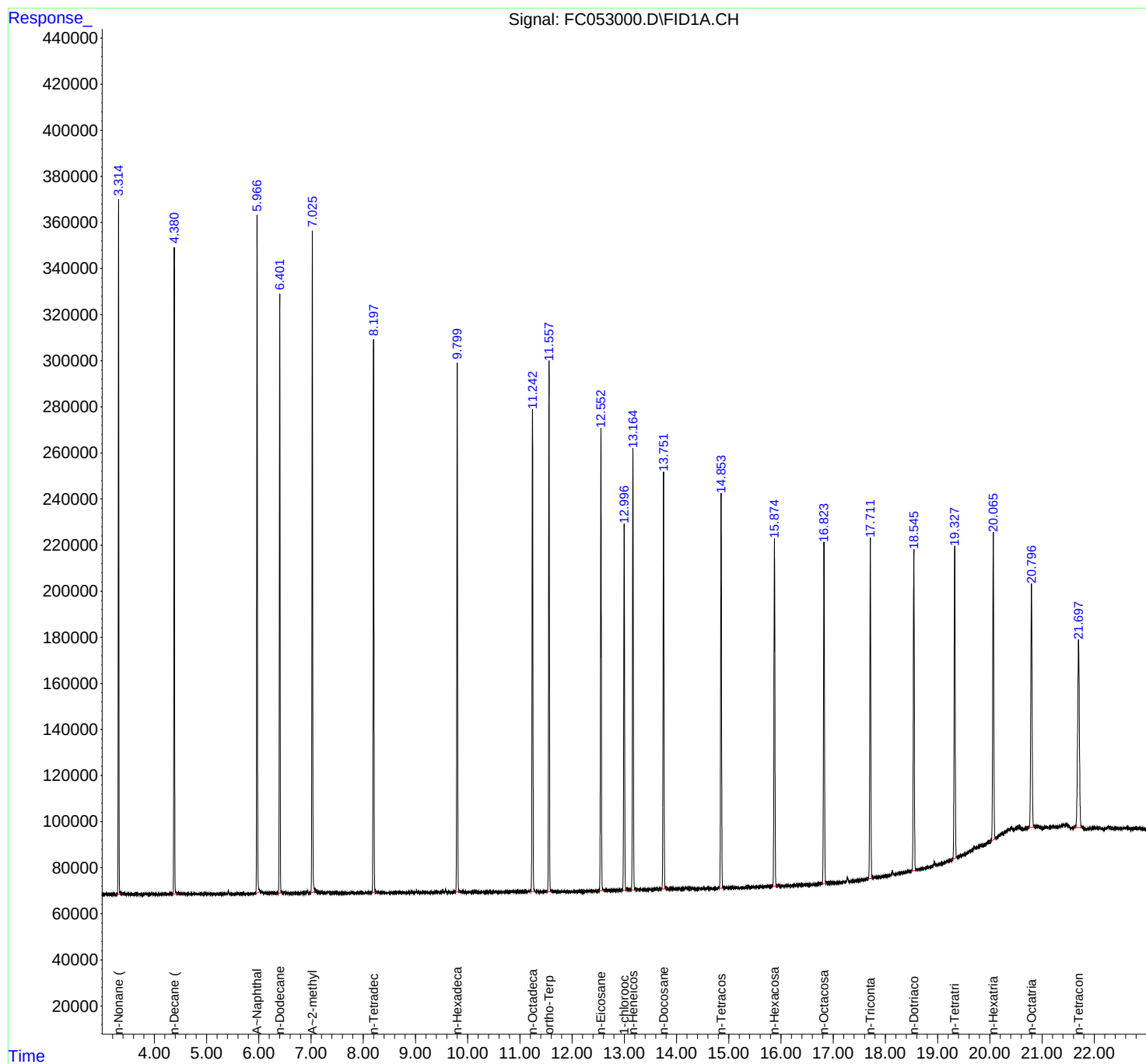
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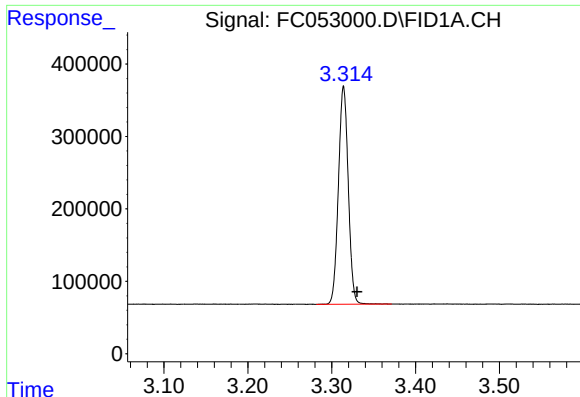
(m)=manual int.

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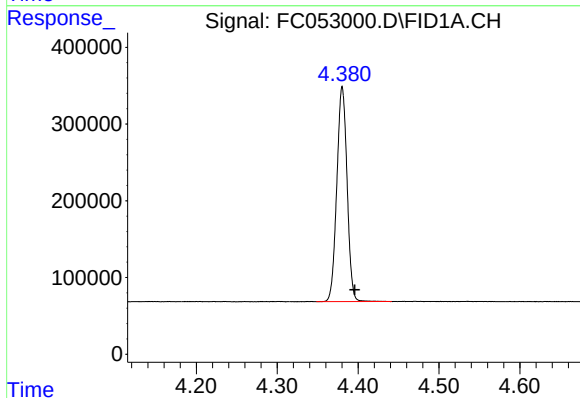
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Signal Info : 20M x 0.18mm x 0.18um





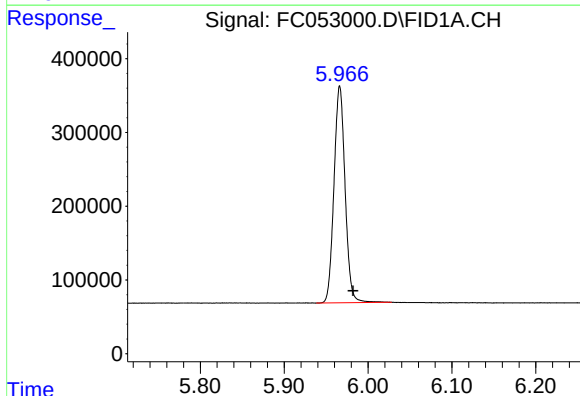
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.016 min
Response: 2454890
Conc: 21.14 ug/ml



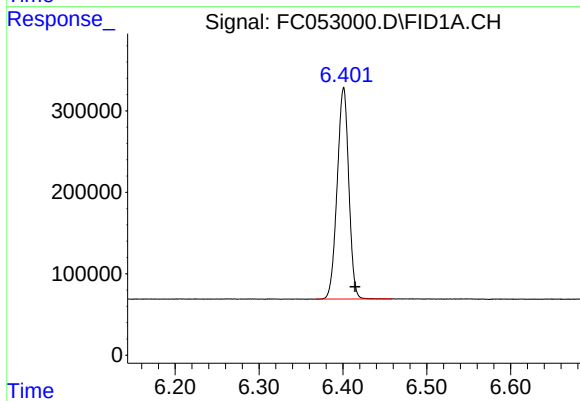
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.015 min
Response: 2471915
Conc: 21.09 ug/ml



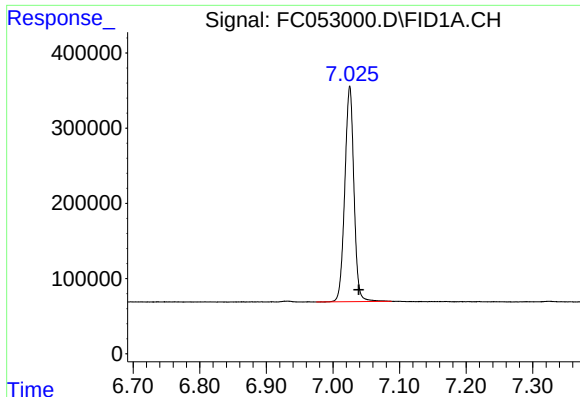
#3 A~Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.016 min
Response: 2709565
Conc: 20.70 ug/ml



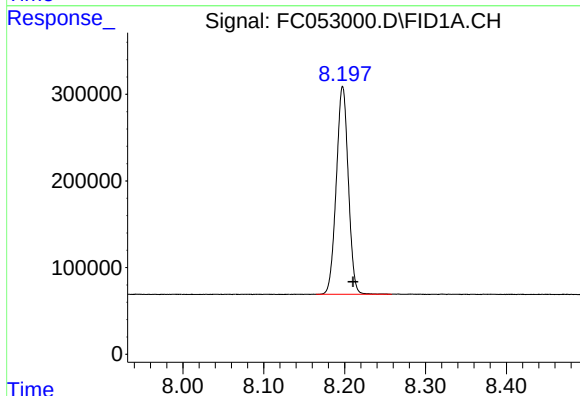
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.014 min
Response: 2504725
Conc: 20.86 ug/ml



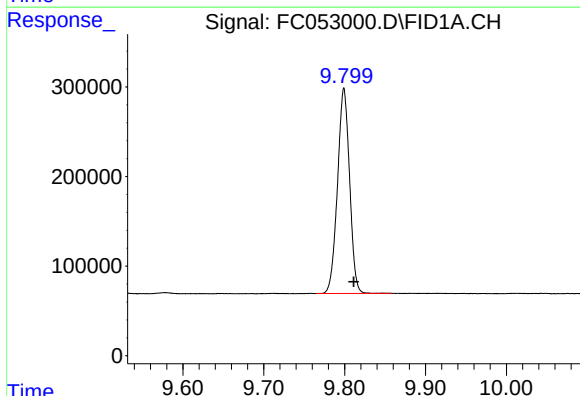
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.014 min
Response: 2733309
Conc: 20.42 ug/ml



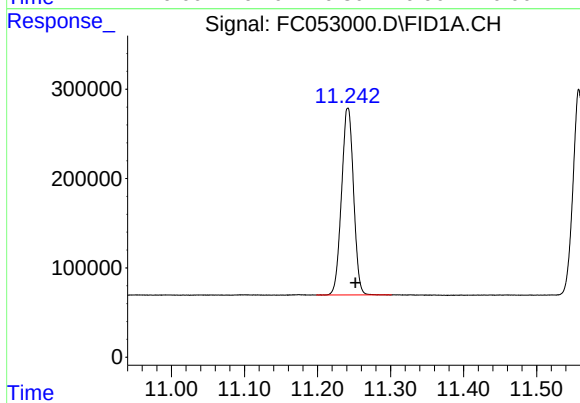
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.013 min
Response: 2474659
Conc: 20.46 ug/ml



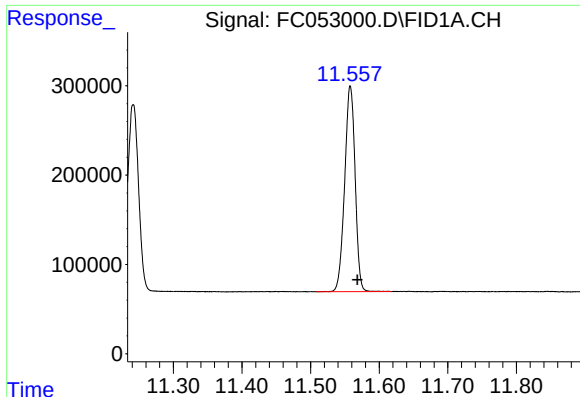
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.012 min
Response: 2377117
Conc: 19.76 ug/ml



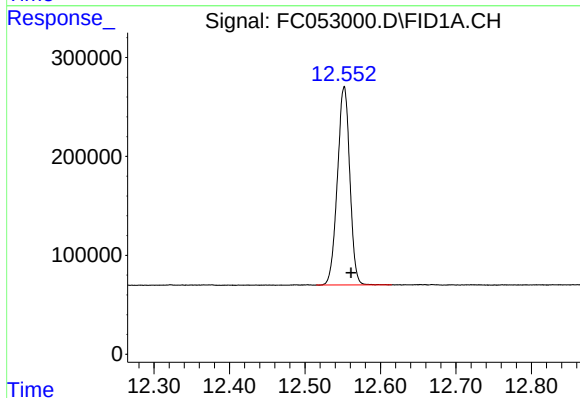
#8 n-Octadecane (C18)

R.T.: 11.242 min
Delta R.T.: -0.010 min
Response: 2388627
Conc: 18.93 ug/ml



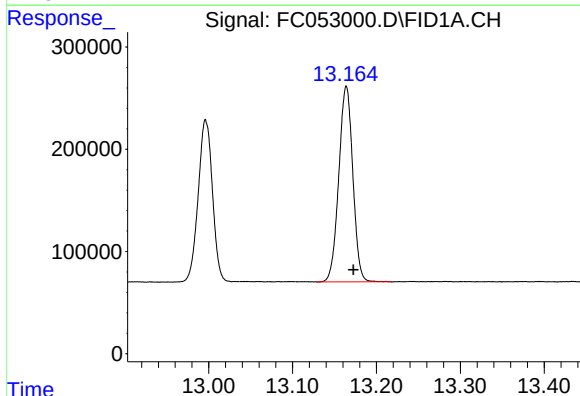
#9 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: -0.011 min
Response: 2434936
Conc: 18.17 ug/ml



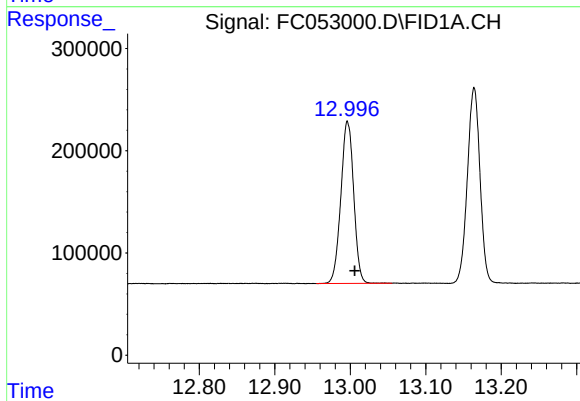
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.009 min
Response: 2288544
Conc: 17.92 ug/ml



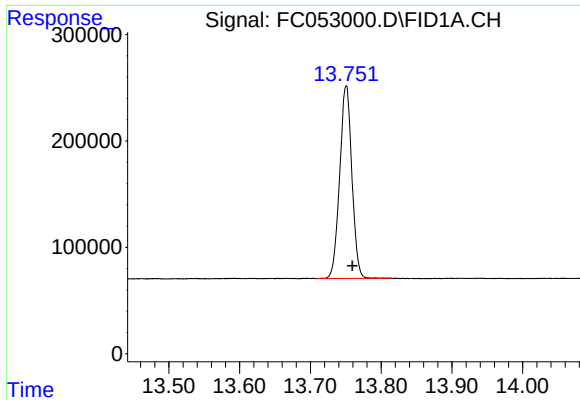
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.009 min
Response: 2226822
Conc: 17.52 ug/ml



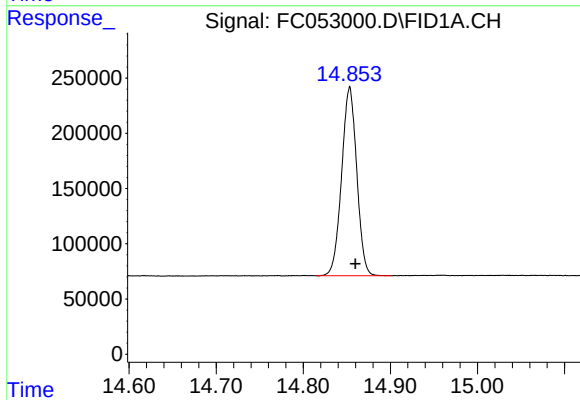
#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: -0.009 min
Response: 1875456
Conc: 17.39 ug/ml



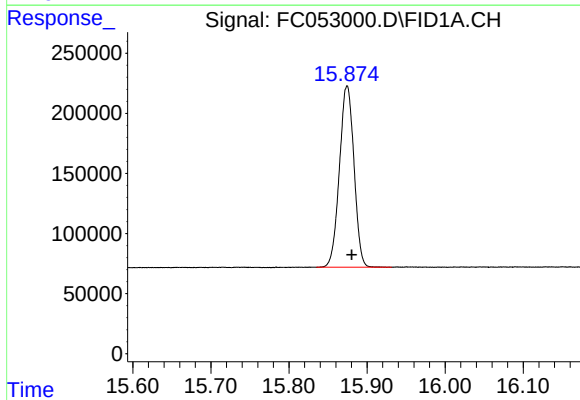
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.009 min
Response: 2166126
Conc: 17.10 ug/ml



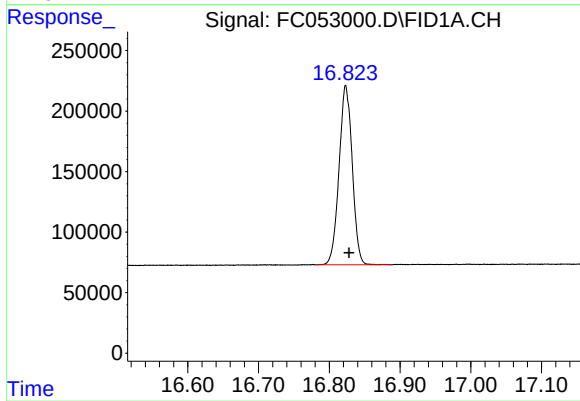
#14 n-Tetracosane (C24)

R.T.: 14.853 min
Delta R.T.: -0.006 min
Response: 2057858
Conc: 16.47 ug/ml



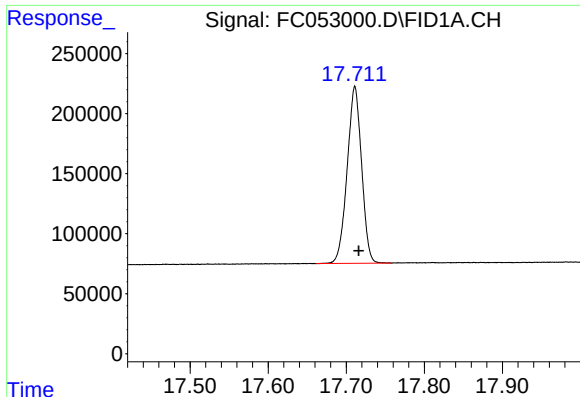
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.006 min
Response: 1954877
Conc: 16.23 ug/ml



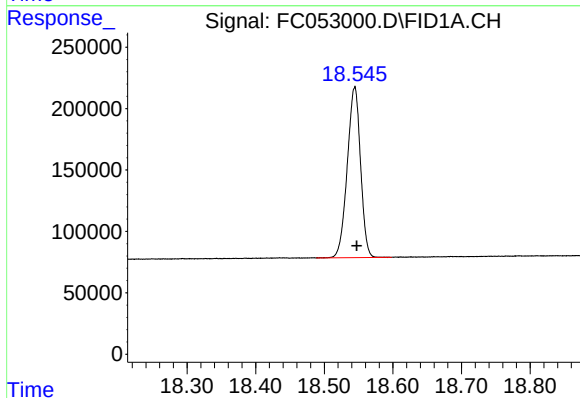
#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: -0.004 min
Response: 1913854
Conc: 16.60 ug/ml



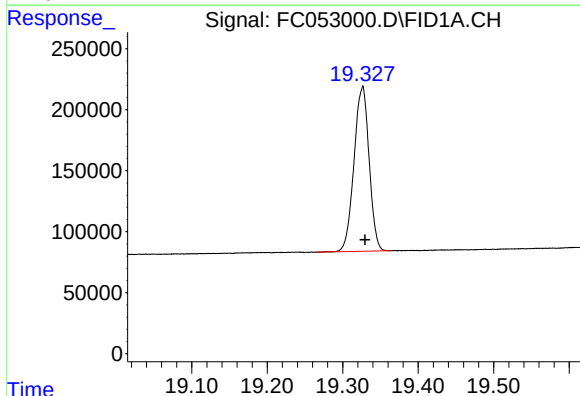
#17 n-Tricontane (C30)

R.T.: 17.711 min
Delta R.T.: -0.005 min
Response: 1891008
Conc: 17.36 ug/ml



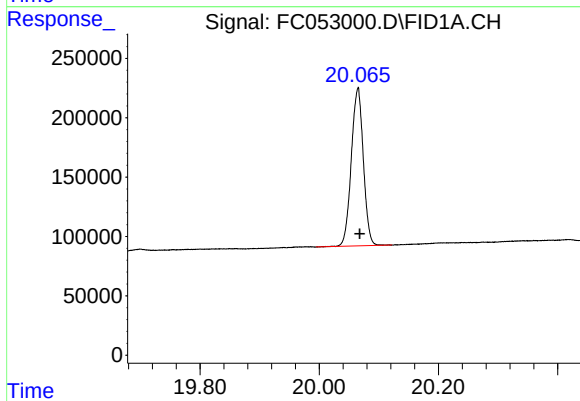
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.003 min
Response: 1864973
Conc: 18.59 ug/ml



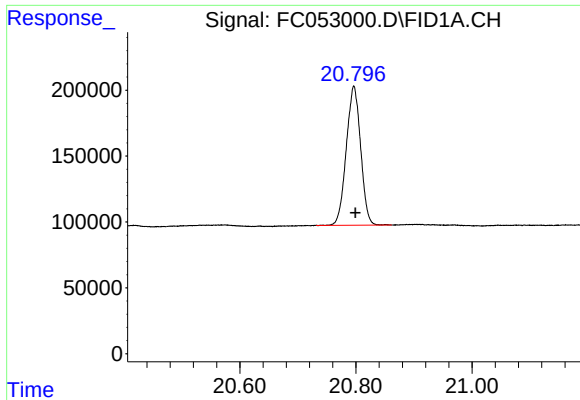
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.004 min
Response: 1872554
Conc: 20.37 ug/ml



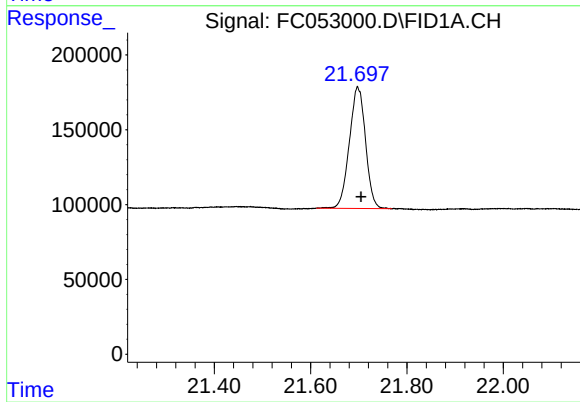
#20 n-Hexatriacontane (C36)

R.T.: 20.065 min
Delta R.T.: -0.003 min
Response: 1860213
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.002 min
Response: 1809819
Conc: 22.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.007 min
Response: 1893247
Conc: 21.98 ug/ml