

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040621AL\
 Data File : FC052997.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2021 00:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 07 03:45:44 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	2478567	18.491 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
12) S 1-chlorooctadecane (S...	12.997	1920417	17.805 ug/ml
Spiked Amount 50.000		Recovery =	35.61%
Target Compounds			
1) T n-Nonane (C9)	3.315	2458504	21.167 ug/ml
2) T n-Decane (C10)	4.381	2501621	21.348 ug/ml
3) T A~Naphthalene (C11.7)	5.967	2738861	20.919 ug/ml
4) T n-Dodecane (C12)	6.401	2555916	21.288 ug/ml
5) T A~2-methylnaphthalene...	7.025	2774416	20.726 ug/ml
6) T n-Tetradecane (C14)	8.198	2533922	20.951 ug/ml
7) T n-Hexadecane (C16)	9.799	2439126	20.280 ug/ml
8) T n-Octadecane (C18)	11.242	2444756	19.377 ug/ml
10) T n-Eicosane (C20)	12.552	2336523	18.298 ug/ml
11) T n-Heneicosane (C21)	13.164	2270254	17.861 ug/ml
13) T n-Docosane (C22)	13.750	2206511	17.418 ug/ml
14) T n-Tetracosane (C24)	14.854	2098147	16.796 ug/ml
15) T n-Hexacosane (C26)	15.875	2008265	16.678 ug/ml
16) T n-Octacosane (C28)	16.824	1977608	17.153 ug/ml
17) T n-Tricontane (C30)	17.711	1980979	18.183 ug/ml
18) T n-Dotriacontane (C32)	18.544	1971277	19.646 ug/ml
19) T n-Tetratriacontane (C34)	19.327	1954569	21.264 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1915989	21.011 ug/ml
21) T n-Octatriacontane (C38)	20.799	1890373	23.162 ug/ml
22) T n-Tetracontane (C40)	21.702	1968702	22.855 ug/ml

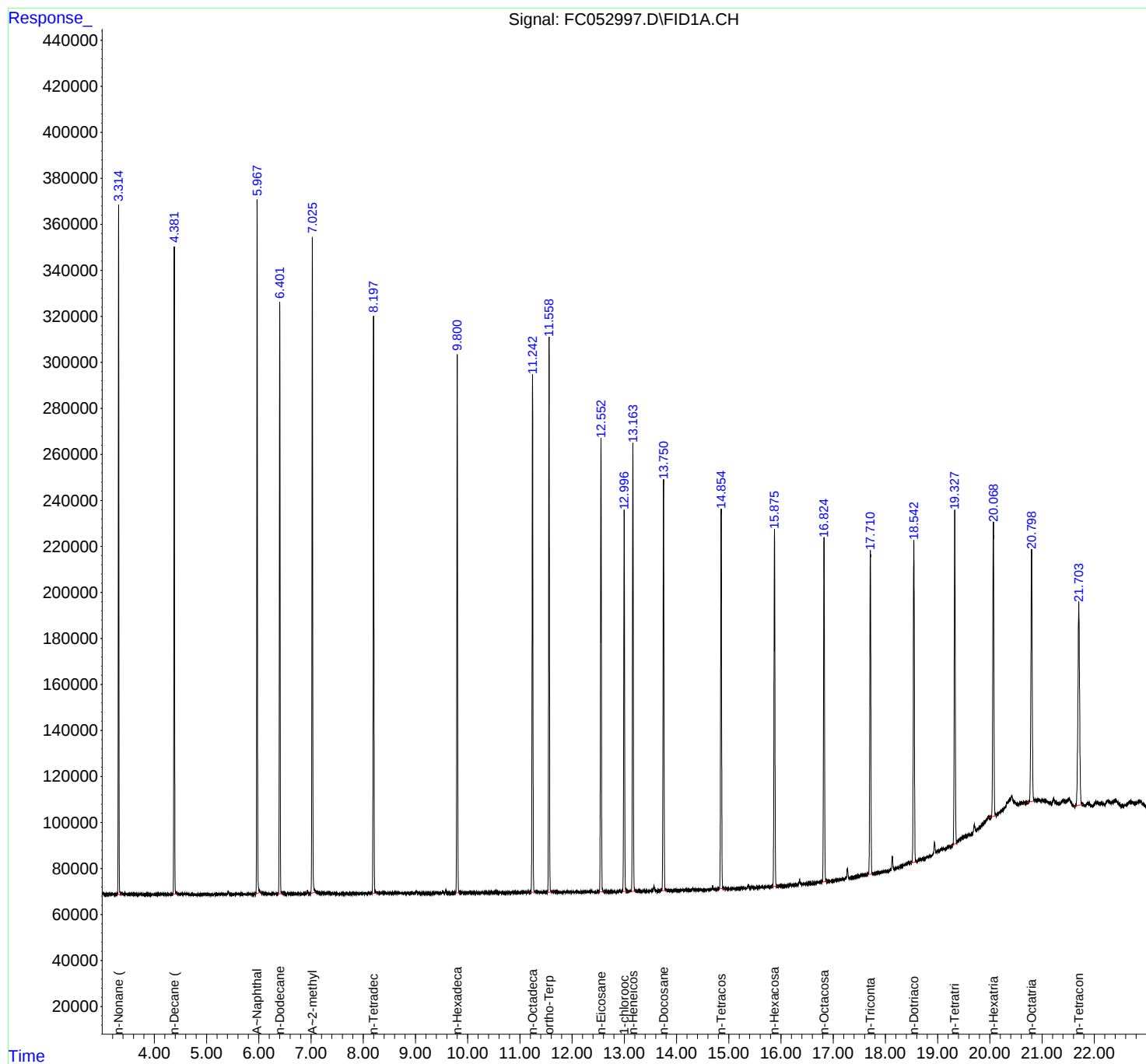
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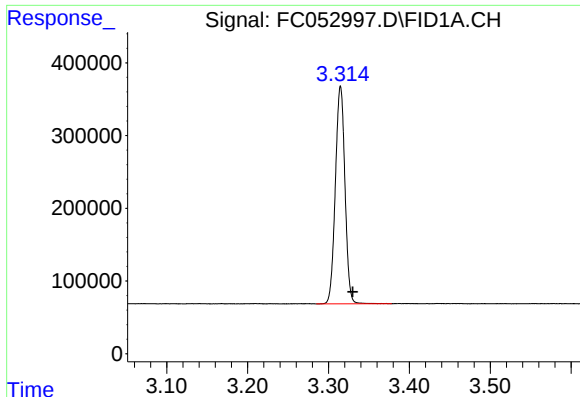
(m)=manual int.

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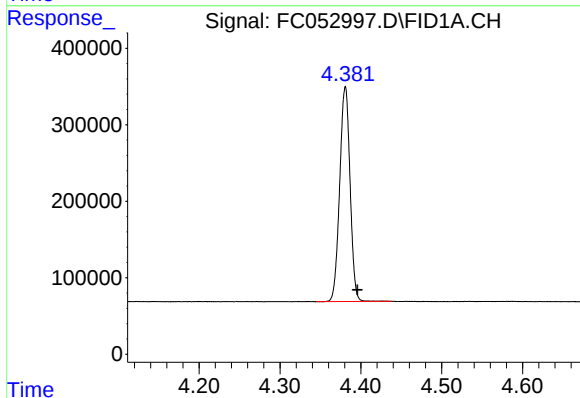
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





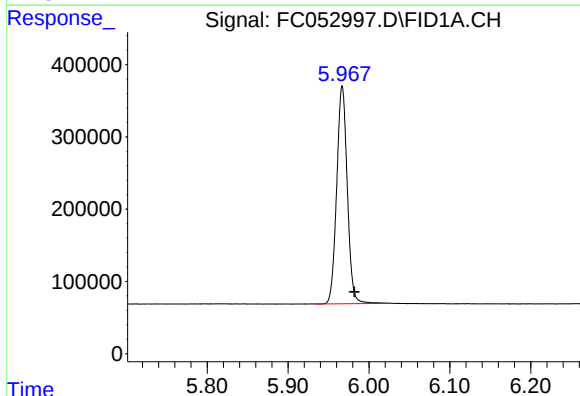
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.015 min
Response: 2458504
Conc: 21.17 ug/ml



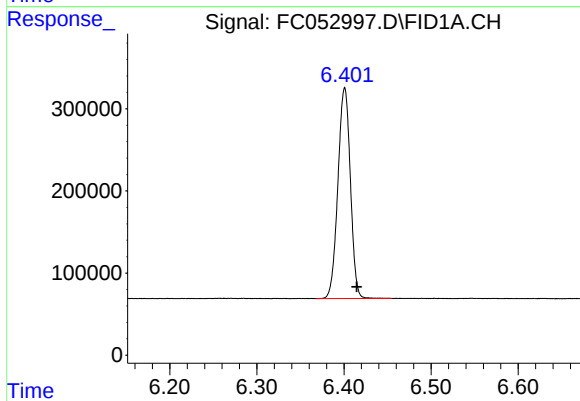
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.015 min
Response: 2501621
Conc: 21.35 ug/ml



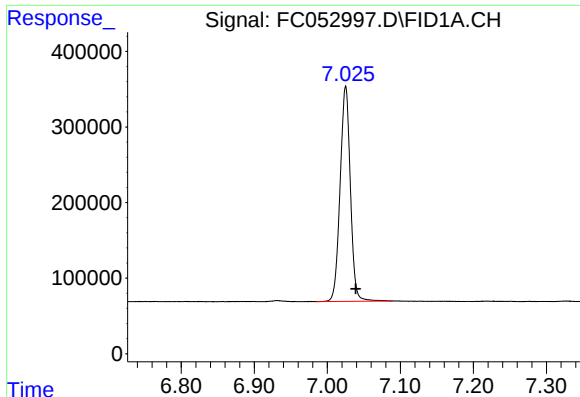
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.015 min
Response: 2738861
Conc: 20.92 ug/ml



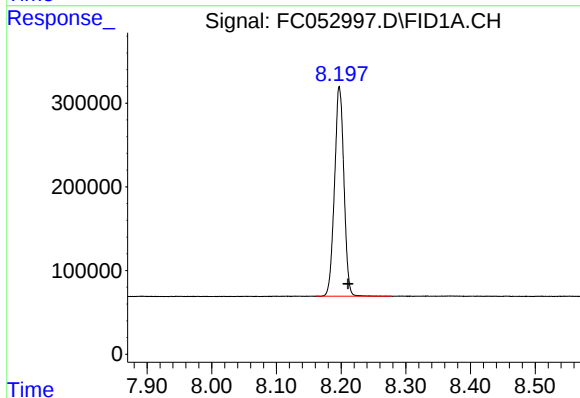
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.014 min
Response: 2555916
Conc: 21.29 ug/ml



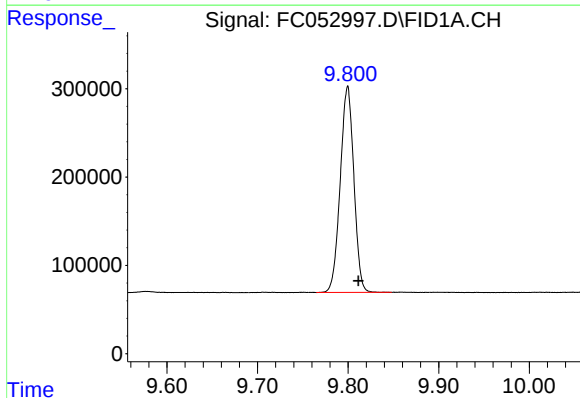
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.014 min
Response: 2774416
Conc: 20.73 ug/ml



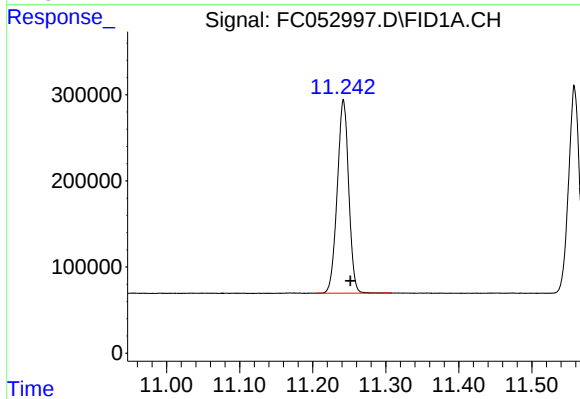
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.013 min
Response: 2533922
Conc: 20.95 ug/ml



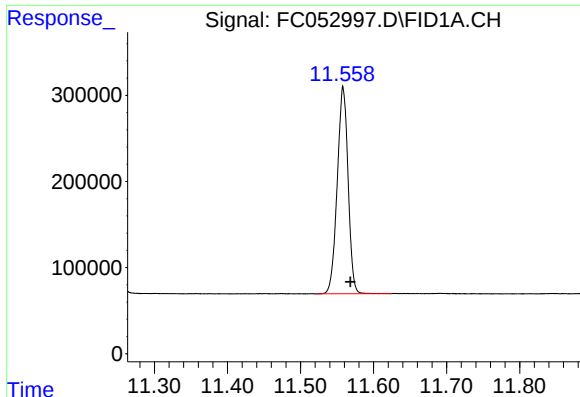
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.012 min
Response: 2439126
Conc: 20.28 ug/ml



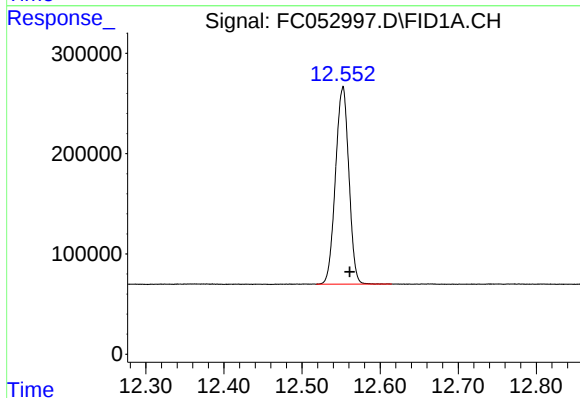
#8 n-Octadecane (C18)

R.T.: 11.242 min
Delta R.T.: -0.010 min
Response: 2444756
Conc: 19.38 ug/ml



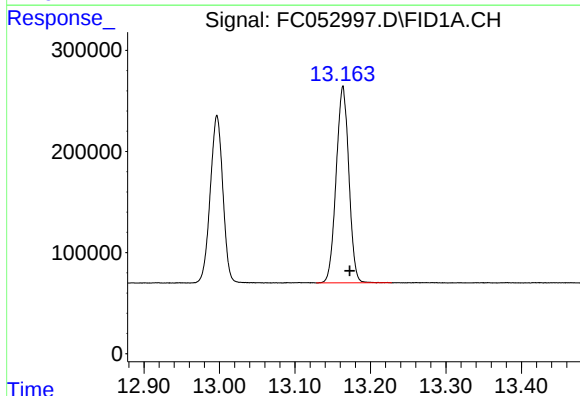
#9 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: -0.010 min
Response: 2478567
Conc: 18.49 ug/ml



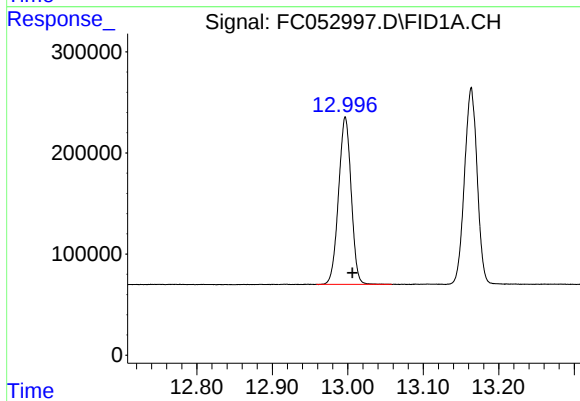
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.009 min
Response: 2336523
Conc: 18.30 ug/ml



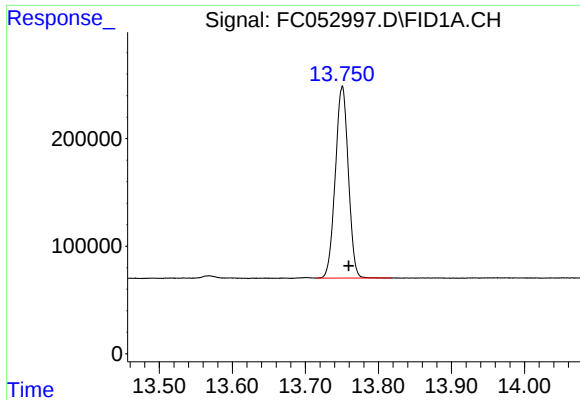
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.009 min
Response: 2270254
Conc: 17.86 ug/ml



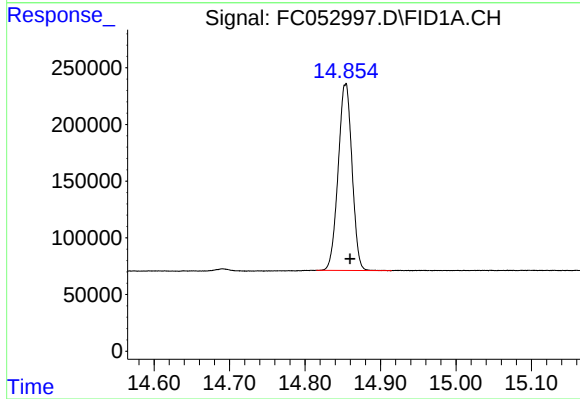
#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: -0.009 min
Response: 1920417
Conc: 17.80 ug/ml



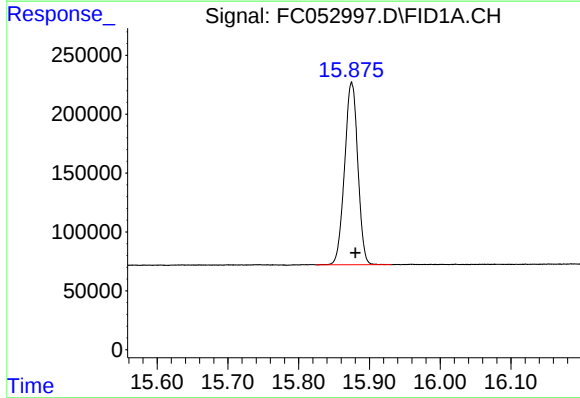
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.009 min
Response: 2206511
Conc: 17.42 ug/ml



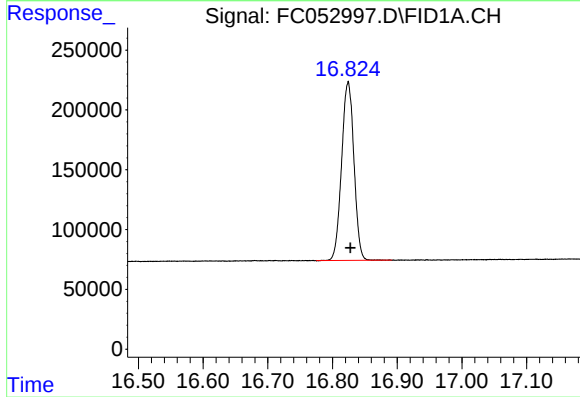
#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.006 min
Response: 2098147
Conc: 16.80 ug/ml



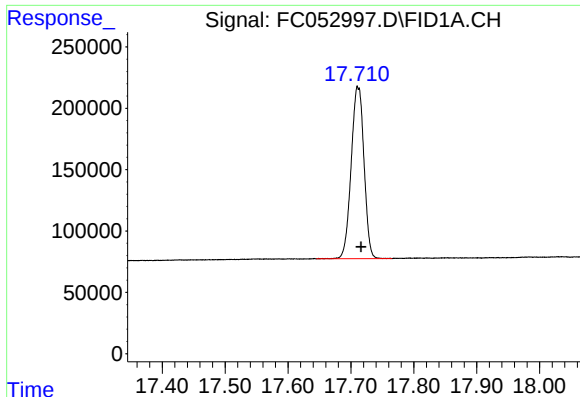
#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.005 min
Response: 2008265
Conc: 16.68 ug/ml



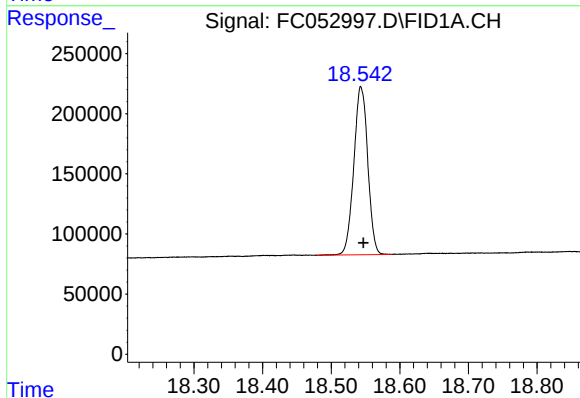
#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: -0.004 min
Response: 1977608
Conc: 17.15 ug/ml



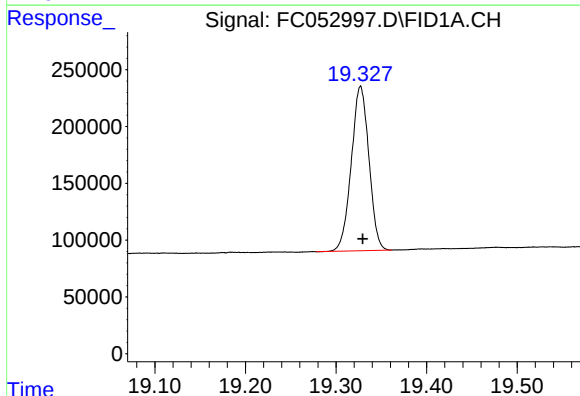
#17 n-Tricontane (C30)

R.T.: 17.711 min
Delta R.T.: -0.005 min
Response: 1980979
Conc: 18.18 ug/ml



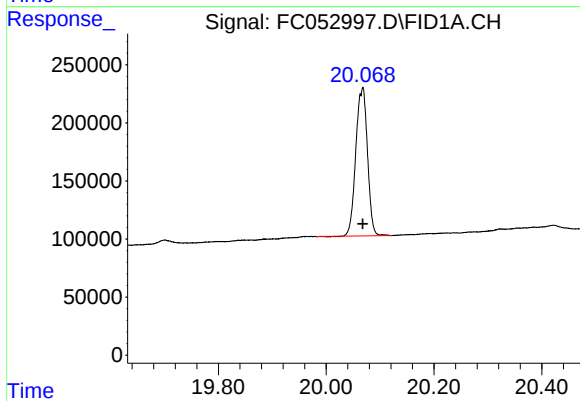
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.003 min
Response: 1971277
Conc: 19.65 ug/ml



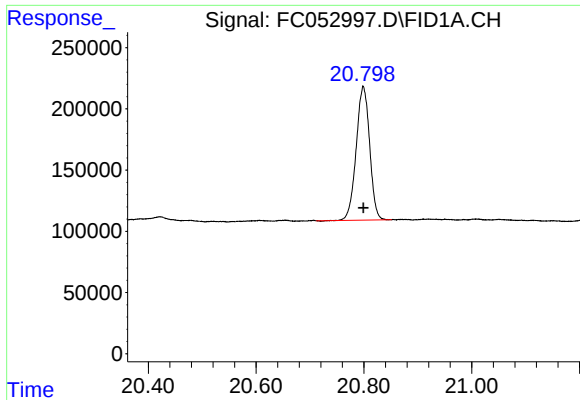
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 1954569
Conc: 21.26 ug/ml



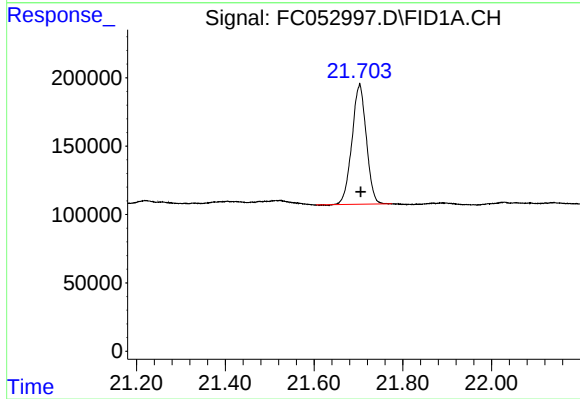
#20 n-Hexatriacontane (C36)

R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 1915989
Conc: 21.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 1890373
Conc: 23.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: -0.003 min
Response: 1968702
Conc: 22.85 ug/ml