

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033121AL\
 Data File : FC052881.D
 Signal(s) : FID1A.CH
 Acq On : 31 Mar 2021 14:18
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 01 01:14:27 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)	11.561	2448381	18.266 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
12) S 1-chlorooctadecane (S...	12.998	1898041	17.597 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
Target Compounds			
1) T n-Nonane (C9)	3.319	2417836	20.817 ug/ml
2) T n-Decane (C10)	4.385	2455103	20.951 ug/ml
3) T A~Naphthalene (C11.7)	5.971	2712012	20.714 ug/ml
4) T n-Dodecane (C12)	6.405	2509224	20.899 ug/ml
5) T A~2-methylnaphthalene...	7.029	2746212	20.516 ug/ml
6) T n-Tetradecane (C14)	8.201	2485060	20.547 ug/ml
7) T n-Hexadecane (C16)	9.802	2397833	19.937 ug/ml
8) T n-Octadecane (C18)	11.245	2409279	19.096 ug/ml
10) T n-Eicosane (C20)	12.554	2306984	18.066 ug/ml
11) T n-Heneicosane (C21)	13.166	2239029	17.615 ug/ml
13) T n-Docosane (C22)	13.753	2180531	17.213 ug/ml
14) T n-Tetracosane (C24)	14.855	2081994	16.666 ug/ml
15) T n-Hexacosane (C26)	15.876	1983598	16.473 ug/ml
16) T n-Octacosane (C28)	16.825	1950421	16.917 ug/ml
17) T n-Tricontane (C30)	17.712	1963781	18.025 ug/ml
18) T n-Dotriacontane (C32)	18.544	1943586	19.370 ug/ml
19) T n-Tetratriacontane (C34)	19.327	1924347	20.935 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1880305	20.620 ug/ml
21) T n-Octatriacontane (C38)	20.799	1819336	22.292 ug/ml
22) T n-Tetracontane (C40)	21.700	1919052	22.278 ug/ml

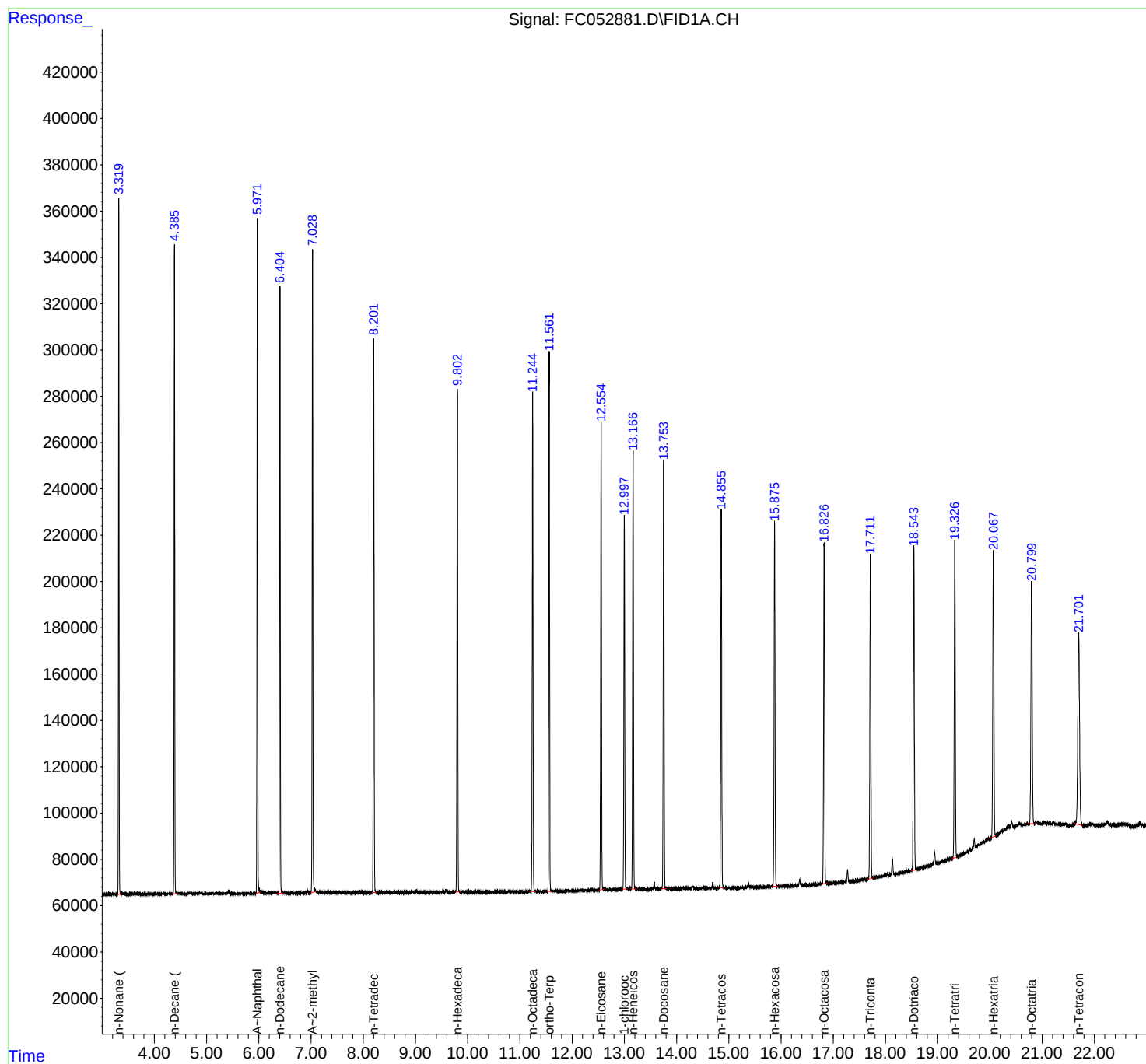
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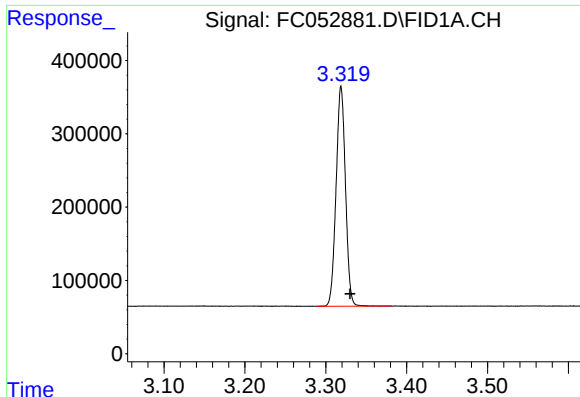
(m)=manual int.

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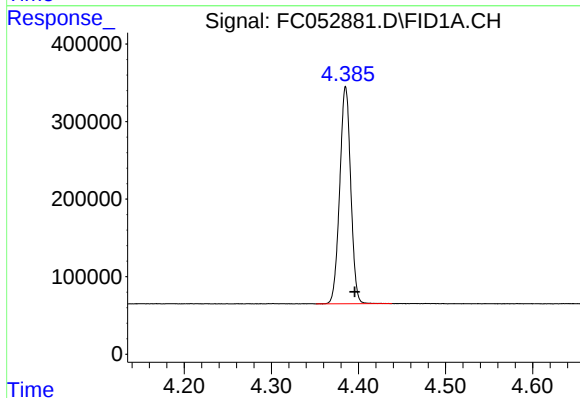
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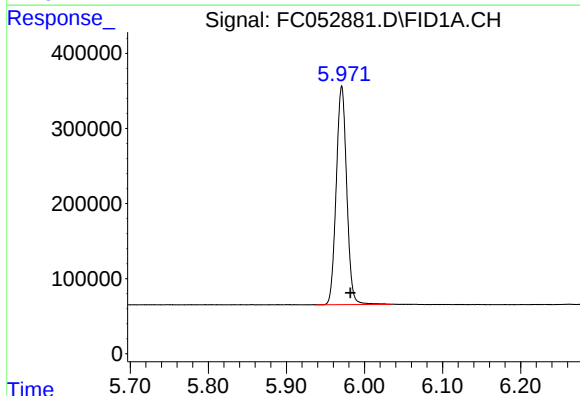
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.011 min
Response: 2417836
Conc: 20.82 ug/ml



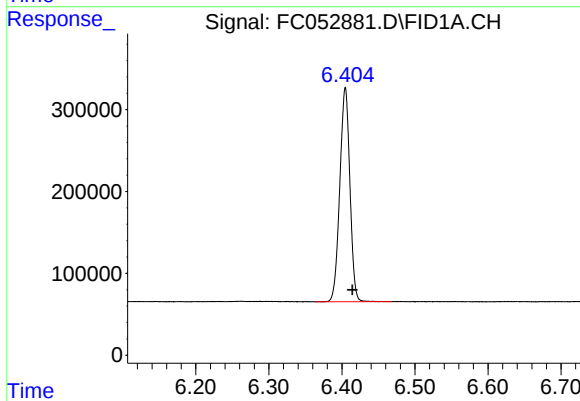
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.010 min
Response: 2455103
Conc: 20.95 ug/ml



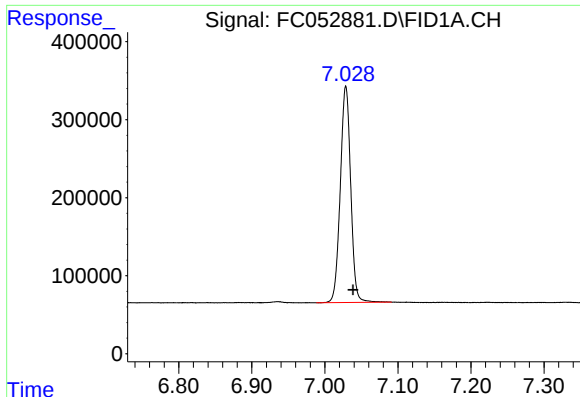
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.011 min
Response: 2712012
Conc: 20.71 ug/ml



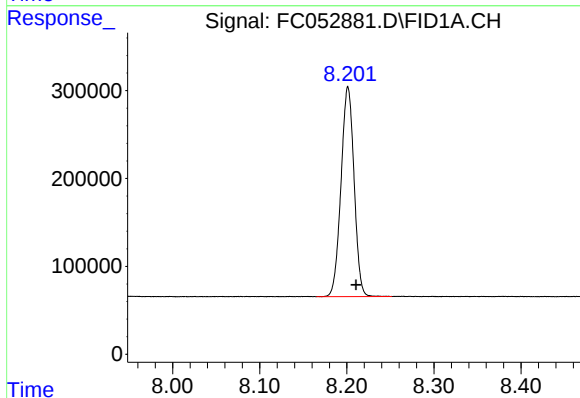
#4 n-Dodecane (C12)

R.T.: 6.405 min
Delta R.T.: -0.010 min
Response: 2509224
Conc: 20.90 ug/ml



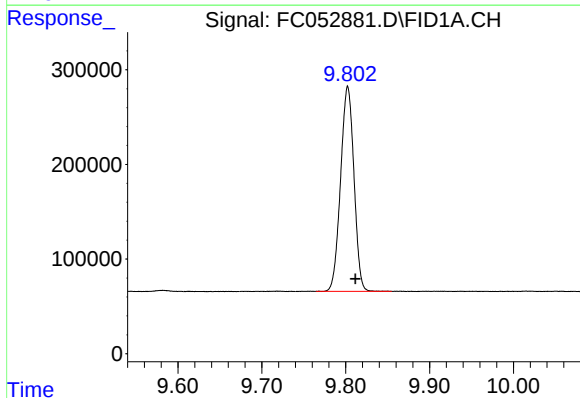
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.029 min
Delta R.T.: -0.010 min
Response: 2746212
Conc: 20.52 ug/ml



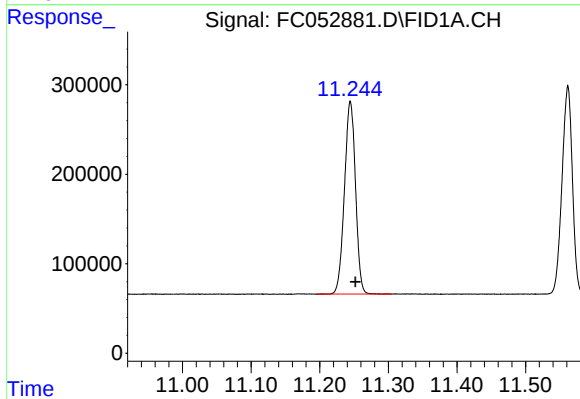
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 2485060
Conc: 20.55 ug/ml



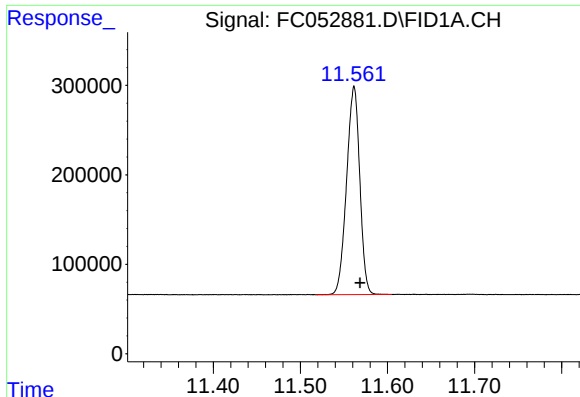
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: -0.009 min
Response: 2397833
Conc: 19.94 ug/ml



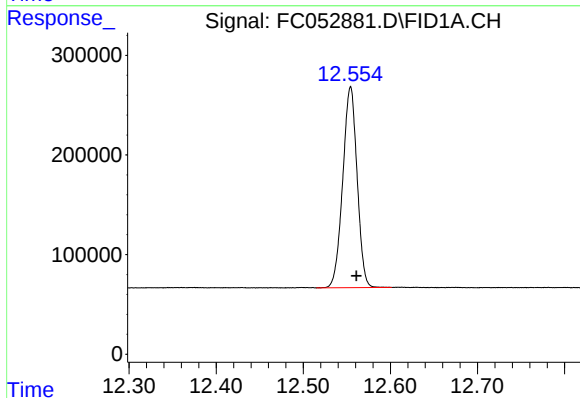
#8 n-Octadecane (C18)

R.T.: 11.245 min
Delta R.T.: -0.007 min
Response: 2409279
Conc: 19.10 ug/ml



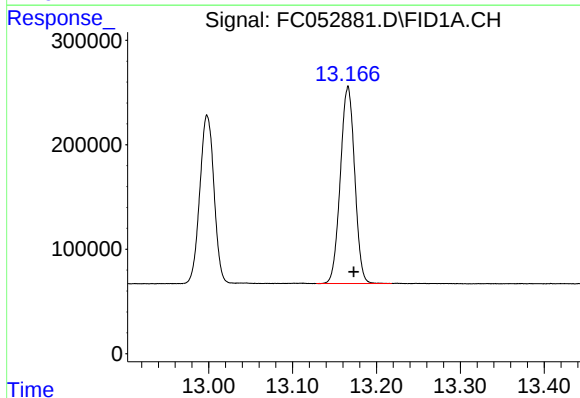
#9 ortho-Terphenyl (SURR)

R.T.: 11.561 min
Delta R.T.: -0.007 min
Response: 2448381
Conc: 18.27 ug/ml



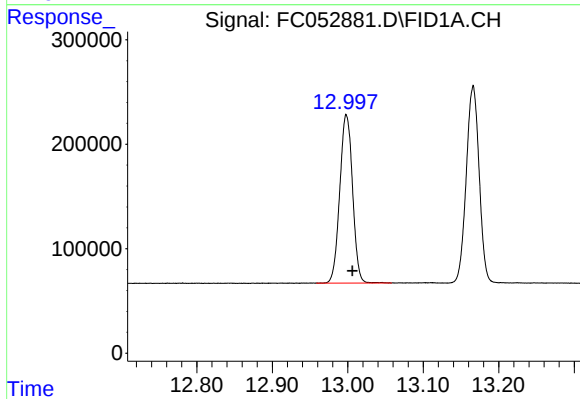
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.007 min
Response: 2306984
Conc: 18.07 ug/ml



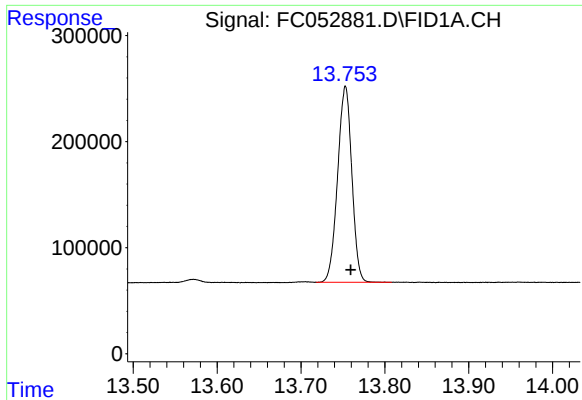
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.007 min
Response: 2239029
Conc: 17.62 ug/ml



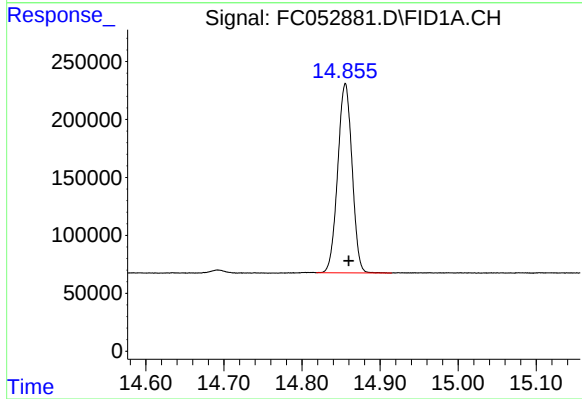
#12 1-chlorooctadecane (SURR)

R.T.: 12.998 min
Delta R.T.: -0.008 min
Response: 1898041
Conc: 17.60 ug/ml



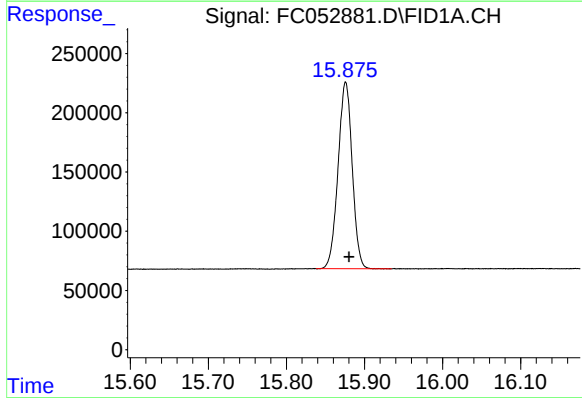
#13 n-Docosane (C22)

R.T.: 13.753 min
Delta R.T.: -0.006 min
Response: 2180531
Conc: 17.21 ug/ml



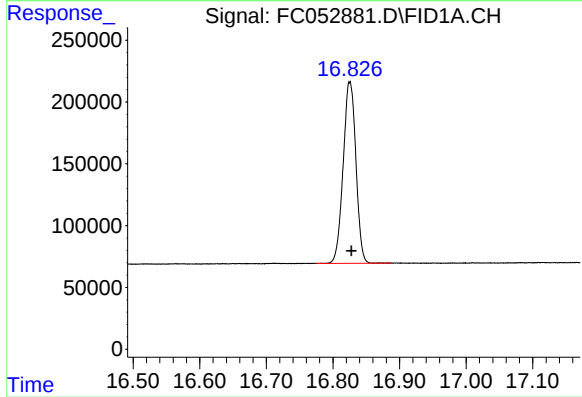
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.004 min
Response: 2081994
Conc: 16.67 ug/ml



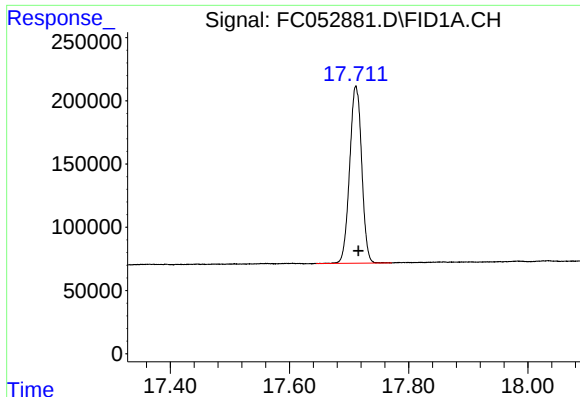
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.005 min
Response: 1983598
Conc: 16.47 ug/ml



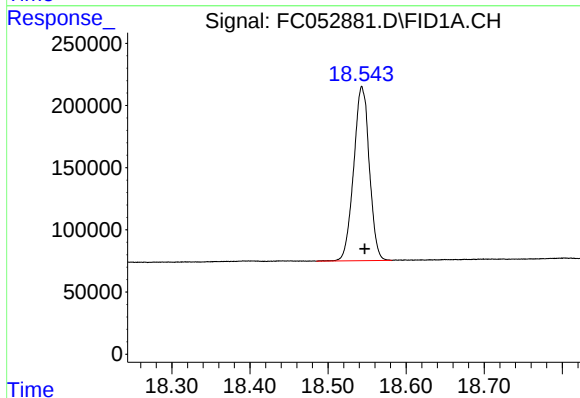
#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: -0.002 min
Response: 1950421
Conc: 16.92 ug/ml



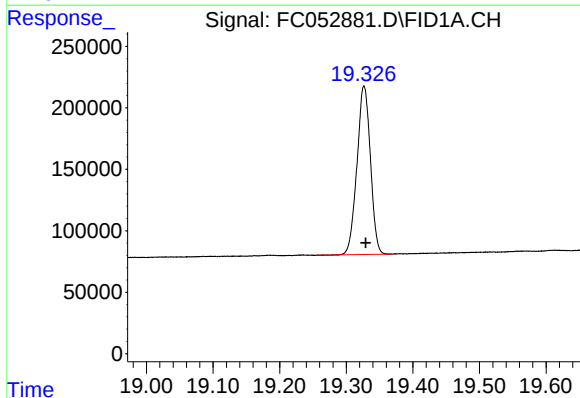
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.004 min
Response: 1963781
Conc: 18.02 ug/ml



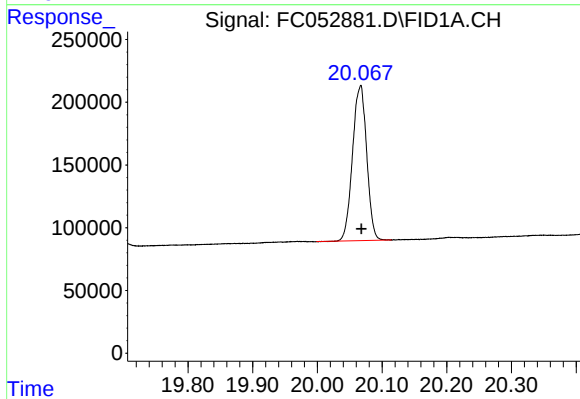
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.004 min
Response: 1943586
Conc: 19.37 ug/ml



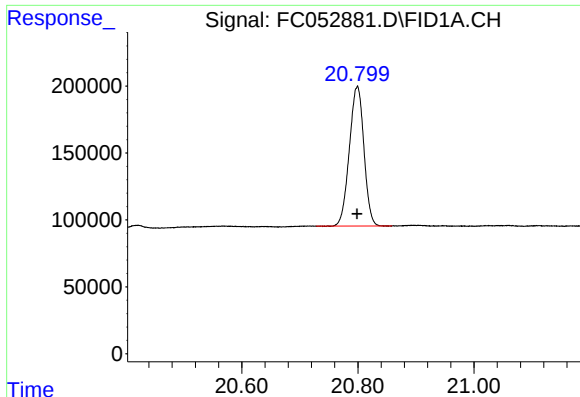
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.003 min
Response: 1924347
Conc: 20.94 ug/ml



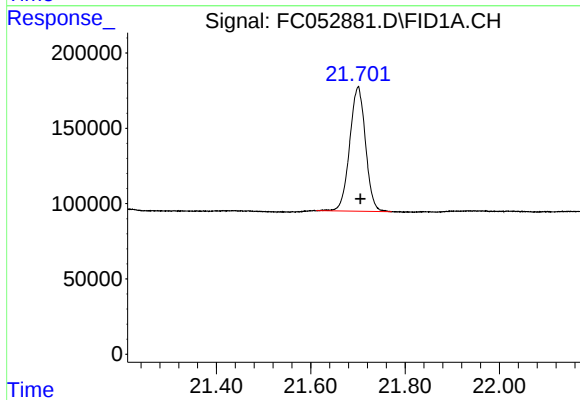
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.002 min
Response: 1880305
Conc: 20.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 1819336
Conc: 22.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: -0.005 min
Response: 1919052
Conc: 22.28 ug/ml