

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051121AL\
 Data File : FC053646.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2021 8:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 03:36:55 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)	11.531	2518620	18.192 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
12) S 1-chlorooctadecane (S...	12.972	1973450	17.694 ug/ml
Spiked Amount 50.000		Recovery =	35.39%
Target Compounds			
1) T n-Nonane (C9)	3.289	2286396	19.358 ug/ml
2) T n-Decane (C10)	4.354	2317459	19.570 ug/ml
3) T A~Naphthalene (C11.7)	5.938	2558078	19.632 ug/ml
4) T n-Dodecane (C12)	6.373	2387826	19.733 ug/ml
5) T A~2-methylnaphthalene...	6.996	2590521	19.594 ug/ml
6) T n-Tetradecane (C14)	8.171	2399898	19.701 ug/ml
7) T n-Hexadecane (C16)	9.773	2364309	19.304 ug/ml
8) T n-Octadecane (C18)	11.216	2442122	18.752 ug/ml
10) T n-Eicosane (C20)	12.527	2418195	18.270 ug/ml
11) T n-Heneicosane (C21)	13.140	2381867	17.934 ug/ml
13) T n-Docosane (C22)	13.727	2353394	17.693 ug/ml
14) T n-Tetracosane (C24)	14.831	2264907	16.967 ug/ml
15) T n-Hexacosane (C26)	15.854	2156562	16.311 ug/ml
16) T n-Octacosane (C28)	16.804	2048303	15.647 ug/ml
17) T n-Tricontane (C30)	17.692	1974036	15.135 ug/ml
18) T n-Dotriacontane (C32)	18.525	1900071	15.059 ug/ml
19) T n-Tetratriacontane (C34)	19.310	1851939	15.200 ug/ml
20) T n-Hexatriacontane (C36)	20.050	1810271	15.483 ug/ml
21) T n-Octatriacontane (C38)	20.781	1704447	16.569 ug/ml
22) T n-Tetracontane (C40)	21.677	1857695	18.643 ug/ml

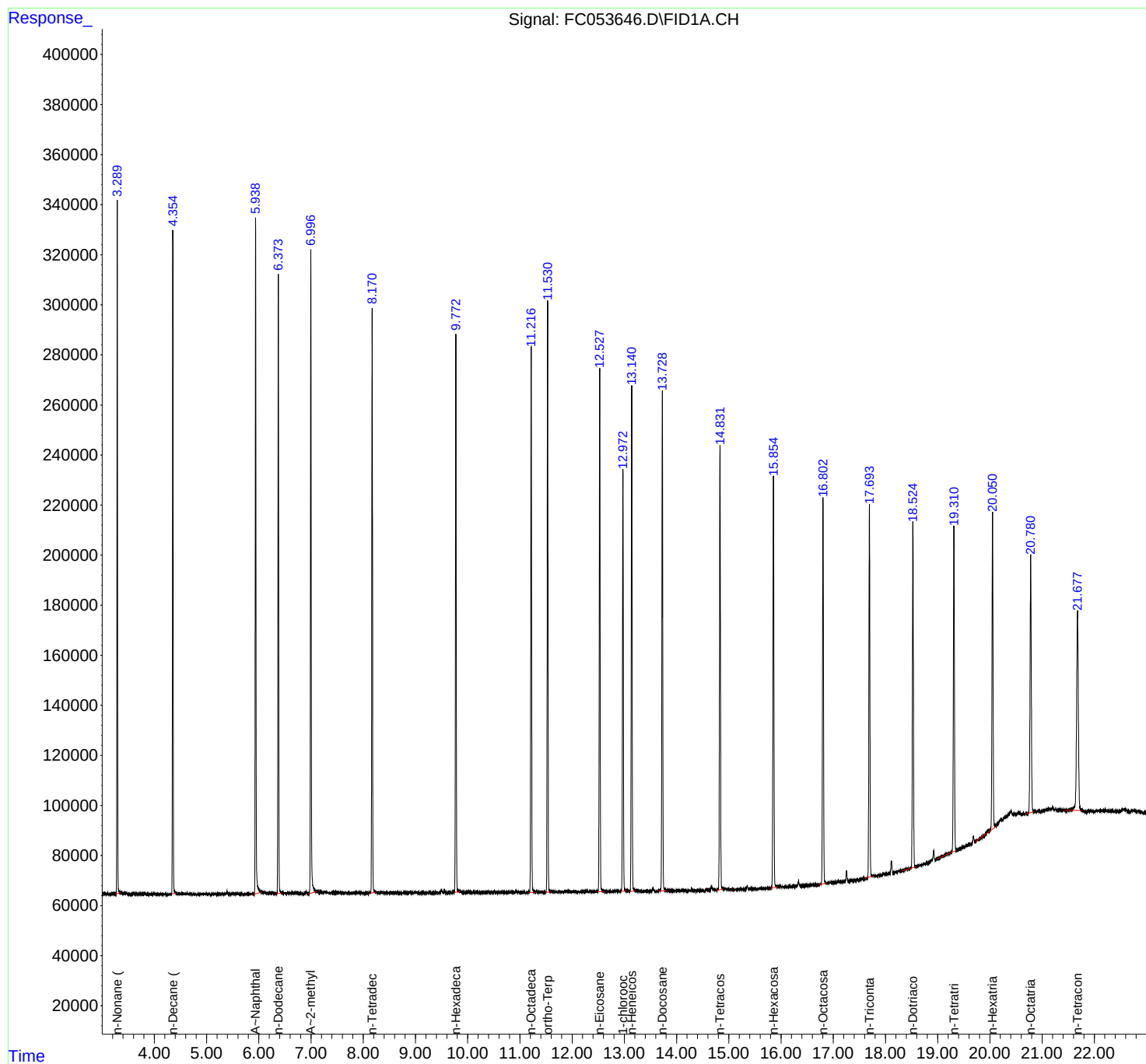
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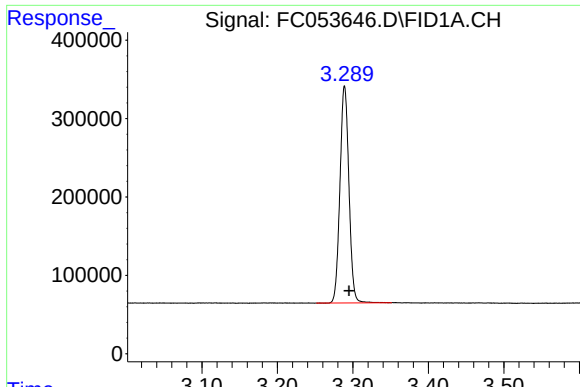
(m)=manual int.

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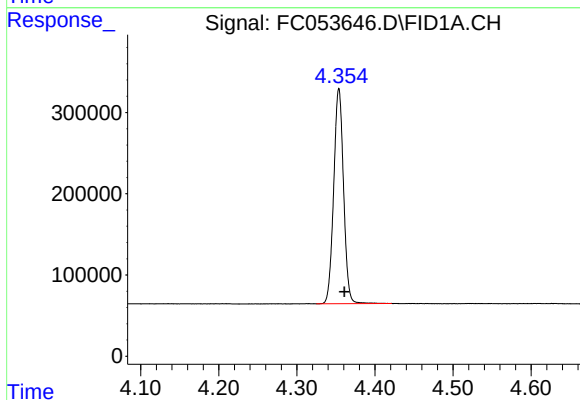
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





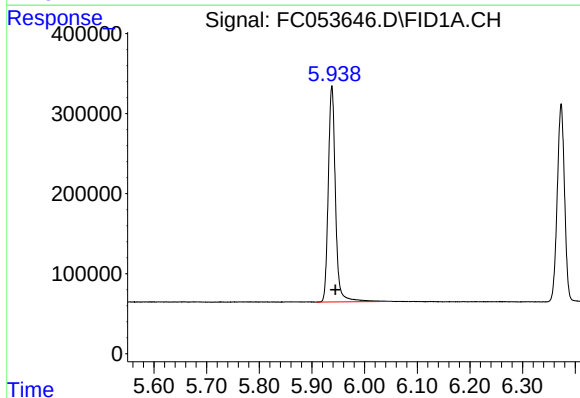
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2286396
Conc: 19.36 ug/ml



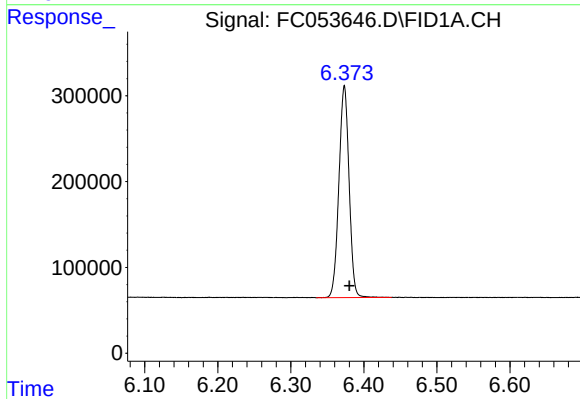
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 2317459
Conc: 19.57 ug/ml



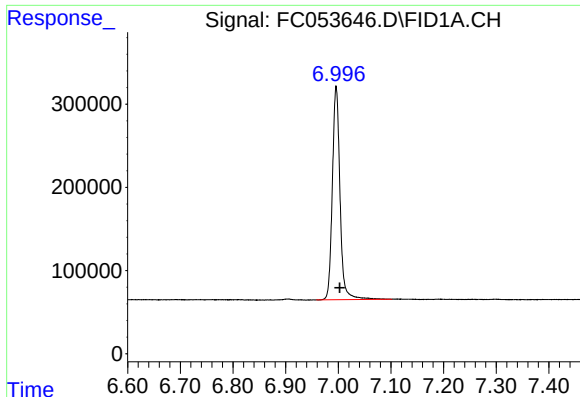
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 2558078
Conc: 19.63 ug/ml



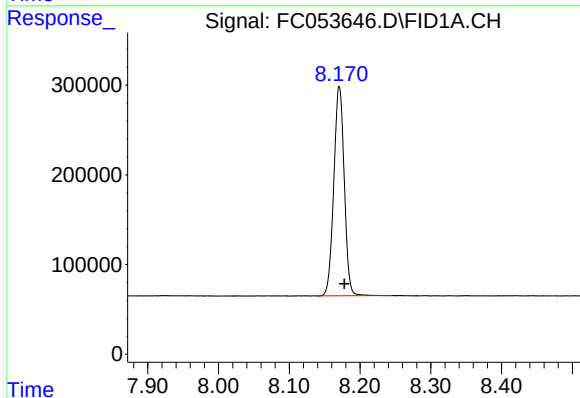
#4 n-Dodecane (C12)

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 2387826
Conc: 19.73 ug/ml



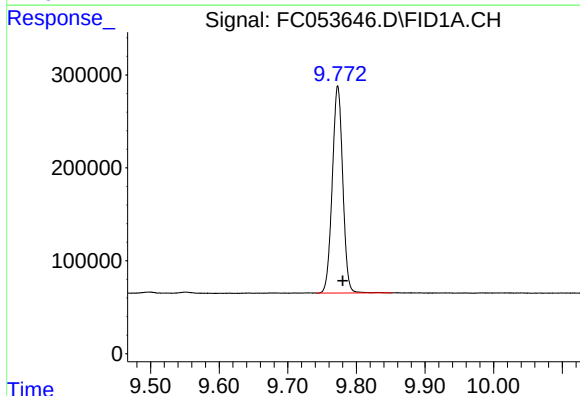
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: -0.007 min
Response: 2590521
Conc: 19.59 ug/ml



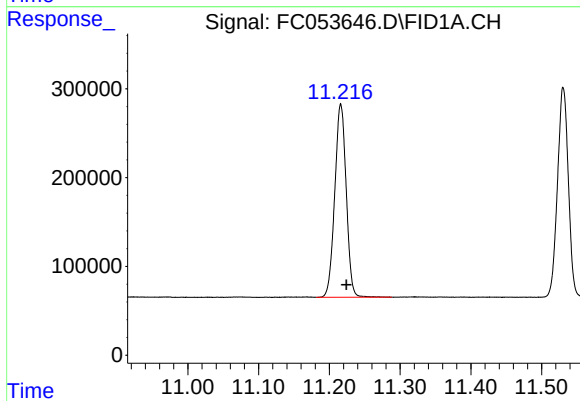
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.007 min
Response: 2399898
Conc: 19.70 ug/ml



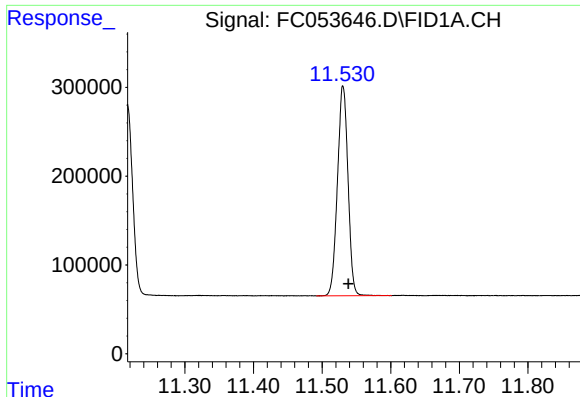
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.007 min
Response: 2364309
Conc: 19.30 ug/ml



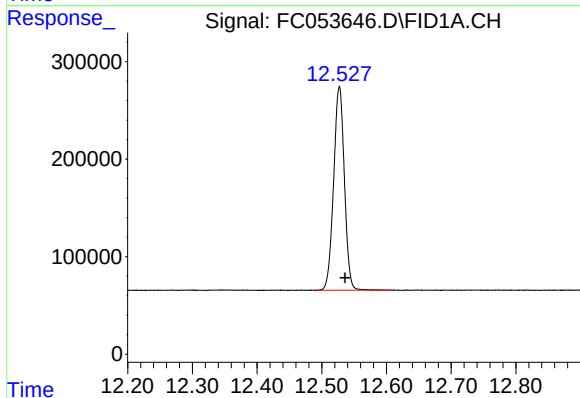
#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.008 min
Response: 2442122
Conc: 18.75 ug/ml



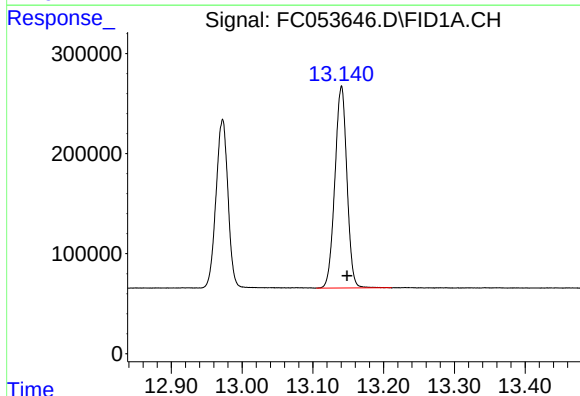
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.008 min
Response: 2518620
Conc: 18.19 ug/ml



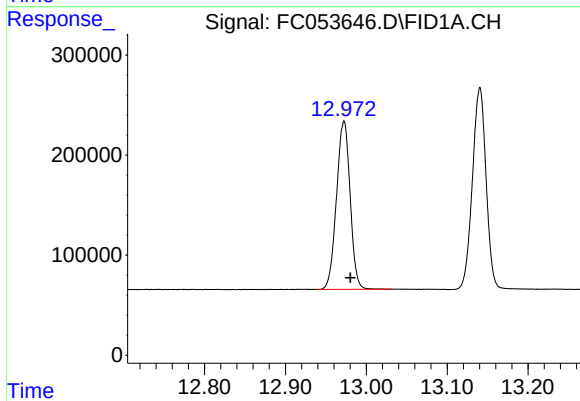
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.009 min
Response: 2418195
Conc: 18.27 ug/ml



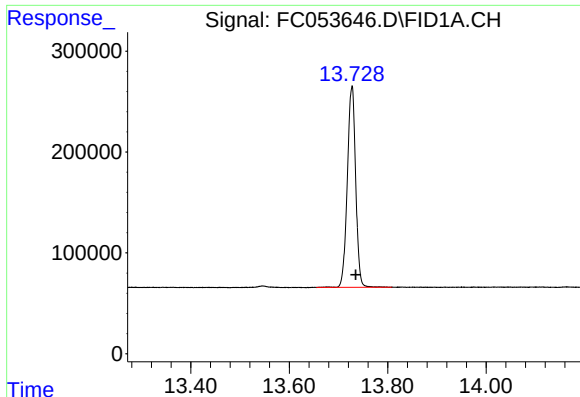
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.008 min
Response: 2381867
Conc: 17.93 ug/ml



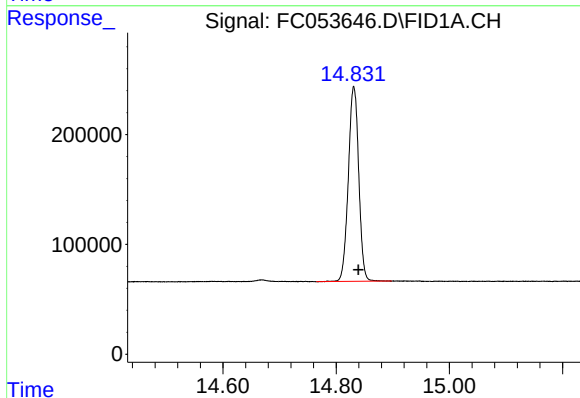
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.008 min
Response: 1973450
Conc: 17.69 ug/ml



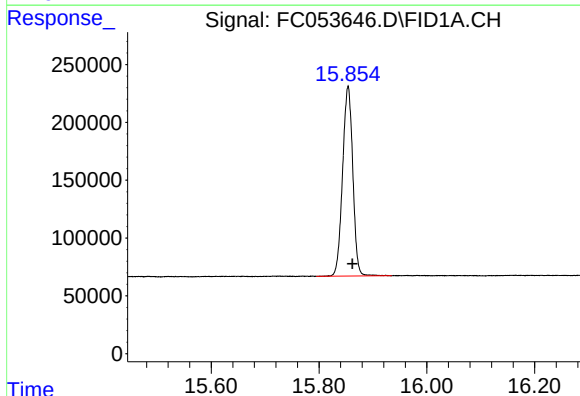
#13 n-Docosane (C22)

R.T.: 13.727 min
Delta R.T.: -0.008 min
Response: 2353394
Conc: 17.69 ug/ml



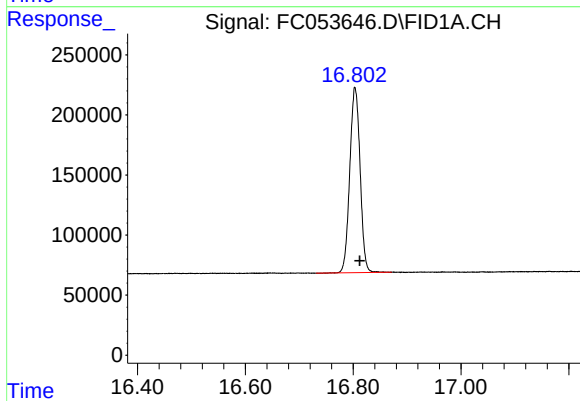
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.008 min
Response: 2264907
Conc: 16.97 ug/ml



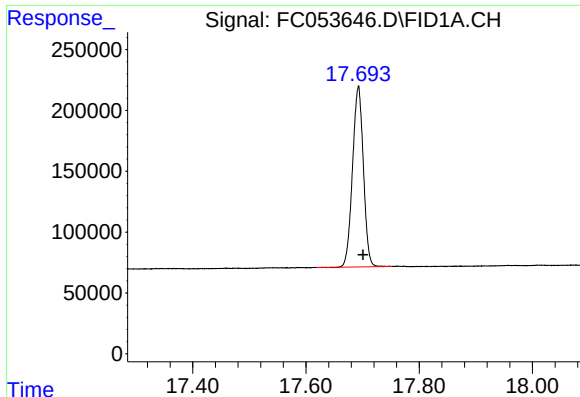
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: -0.008 min
Response: 2156562
Conc: 16.31 ug/ml



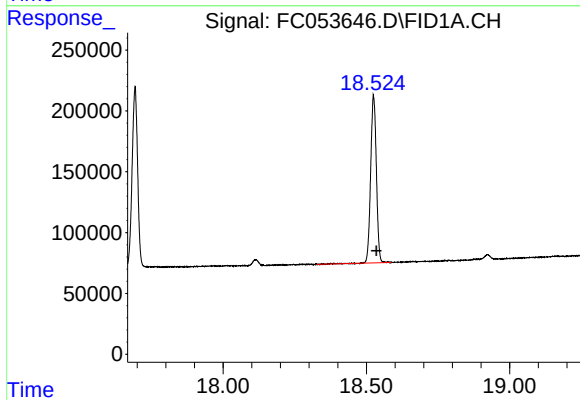
#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.009 min
Response: 2048303
Conc: 15.65 ug/ml



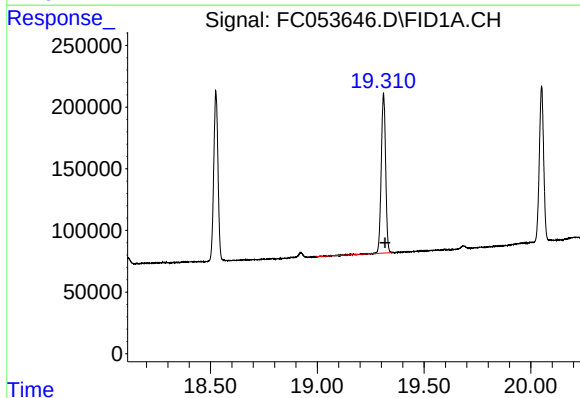
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: -0.009 min
Response: 1974036
Conc: 15.13 ug/ml



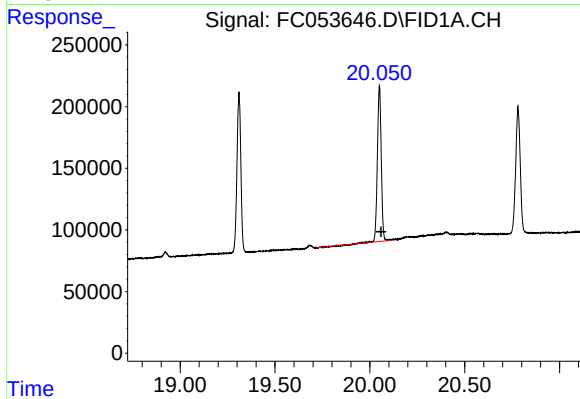
#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: -0.009 min
Response: 1900071
Conc: 15.06 ug/ml



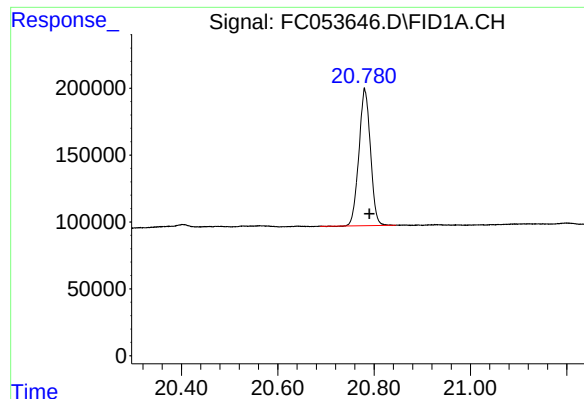
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min
Delta R.T.: -0.008 min
Response: 1851939
Conc: 15.20 ug/ml



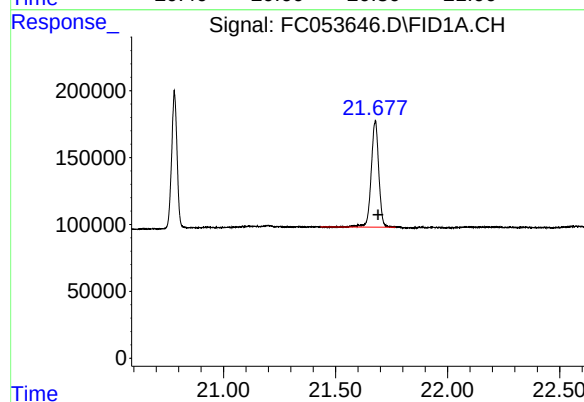
#20 n-Hexatriacontane (C36)

R.T.: 20.050 min
Delta R.T.: -0.009 min
Response: 1810271
Conc: 15.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.781 min
Delta R.T.: -0.009 min
Response: 1704447
Conc: 16.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.677 min
Delta R.T.: -0.013 min
Response: 1857695
Conc: 18.64 ug/ml