

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051721AL\
 Data File : FC053779.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2021 21:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 18 02:59:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.530	2320665	16.762 ug/ml
Spiked Amount 50.000		Recovery =	33.52%
12) S 1-chlorooctadecane (S...	12.971	1814907	16.272 ug/ml
Spiked Amount 50.000		Recovery =	32.54%
Target Compounds			
1) T n-Nonane (C9)	3.294	2224801	18.836 ug/ml
2) T n-Decane (C10)	4.358	2241277	18.927 ug/ml
3) T A-Naphthalene (C11.7)	5.942	2451214	18.812 ug/ml
4) T n-Dodecane (C12)	6.376	2288511	18.913 ug/ml
5) T A~2-methylnaphthalene...	6.999	2501850	18.923 ug/ml
6) T n-Tetradecane (C14)	8.172	2295421	18.843 ug/ml
7) T n-Hexadecane (C16)	9.774	2237107	18.265 ug/ml
8) T n-Octadecane (C18)	11.216	2283374	17.533 ug/ml
10) T n-Eicosane (C20)	12.526	2236625	16.898 ug/ml
11) T n-Heneicosane (C21)	13.138	2189399	16.485 ug/ml
13) T n-Docosane (C22)	13.725	2168094	16.300 ug/ml
14) T n-Tetracosane (C24)	14.828	2134764	15.993 ug/ml
15) T n-Hexacosane (C26)	15.850	2035861	15.399 ug/ml
16) T n-Octacosane (C28)	16.800	1991044	15.210 ug/ml
17) T n-Tricontane (C30)	17.689	1939057	14.867 ug/ml
18) T n-Dotriacontane (C32)	18.522	1882915	14.923 ug/ml
19) T n-Tetratriacontane (C34)	19.307	1836233	15.071 ug/ml
20) T n-Hexatriacontane (C36)	20.047	1705910	14.591 ug/ml
21) T n-Octatriacontane (C38)	20.777	1665261	16.188 ug/ml
22) T n-Tetracontane (C40)	21.671	1712098	17.182 ug/ml

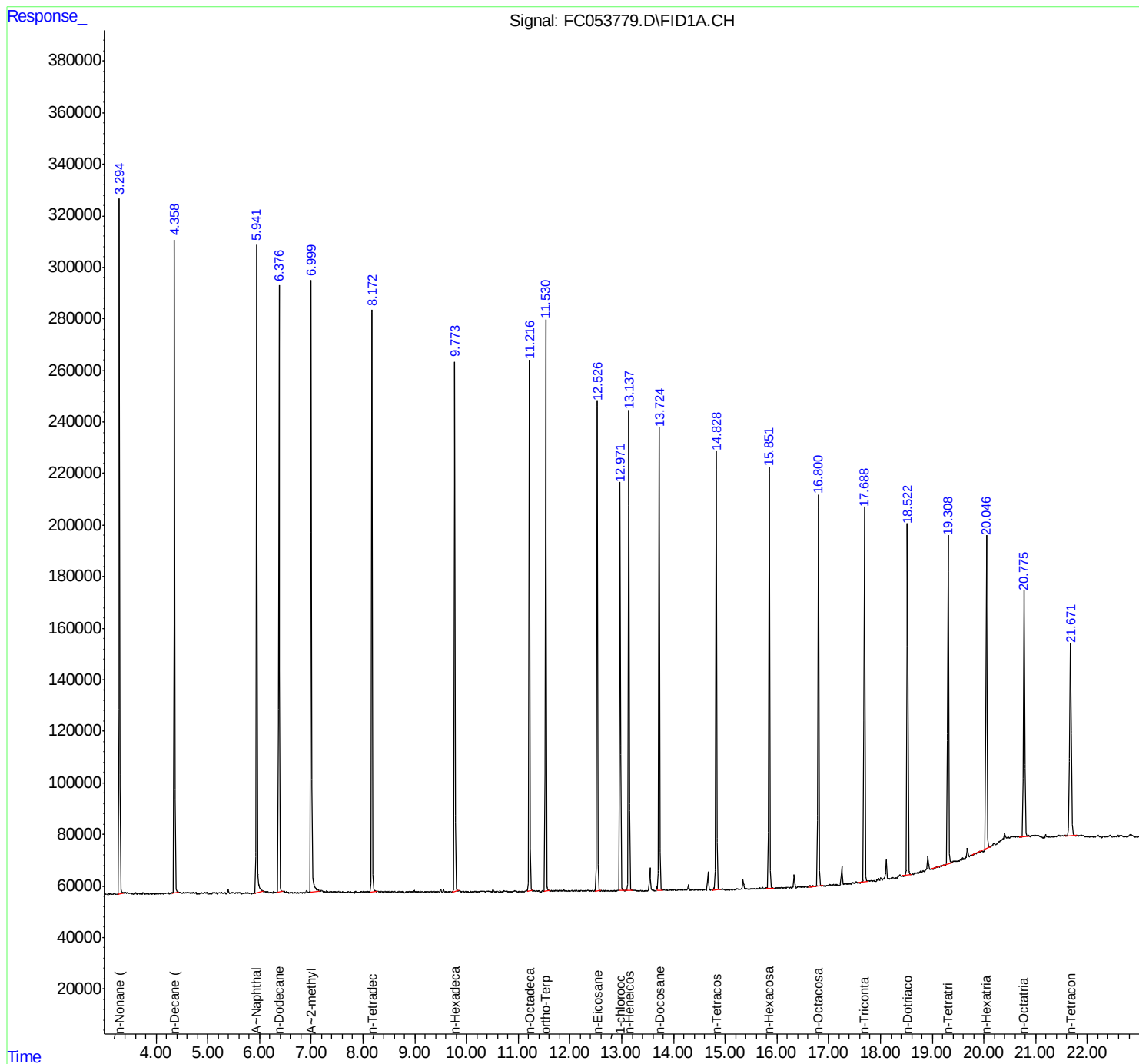
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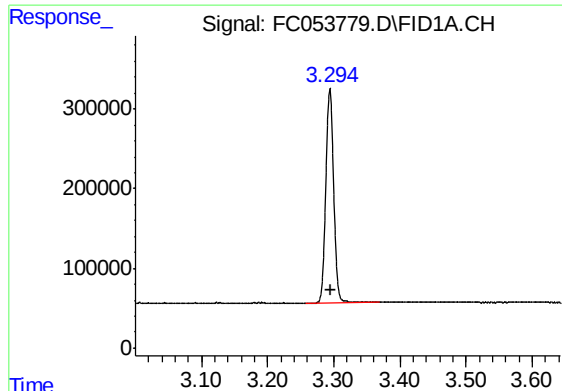
(m)=manual int.

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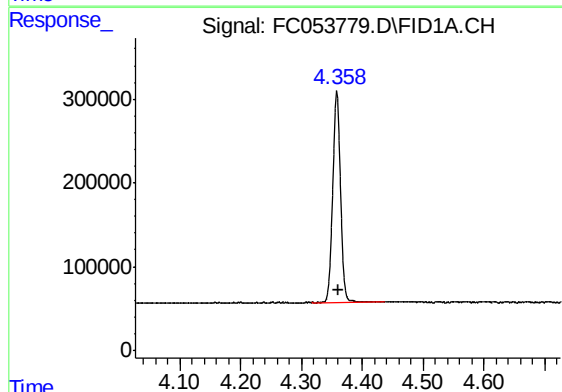
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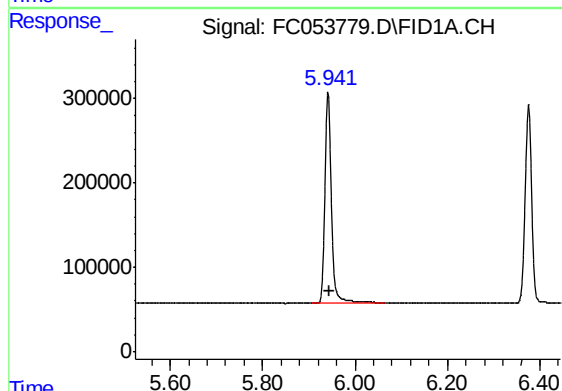
#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 2224801
Conc: 18.84 ug/ml



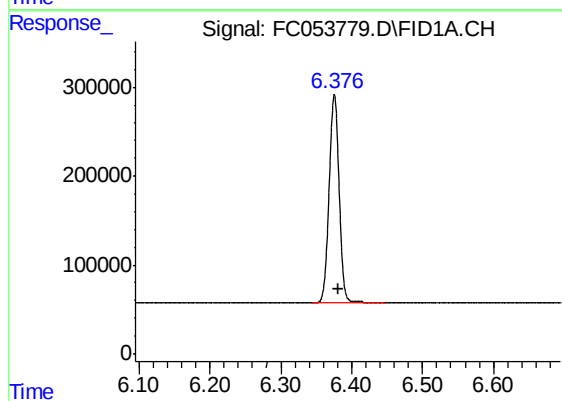
#2 n-Decane (C10)

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 2241277
Conc: 18.93 ug/ml



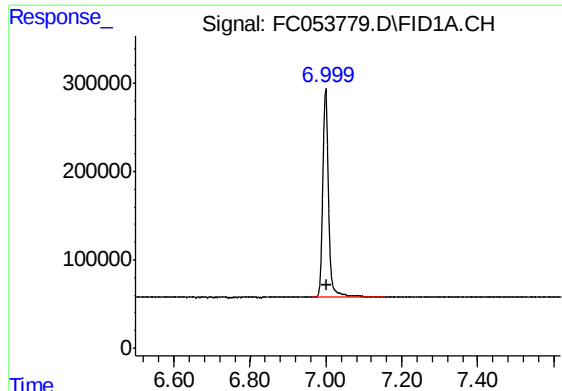
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 2451214
Conc: 18.81 ug/ml



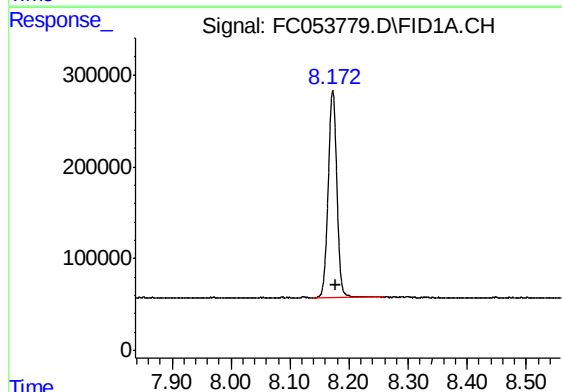
#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.005 min
Response: 2288511
Conc: 18.91 ug/ml



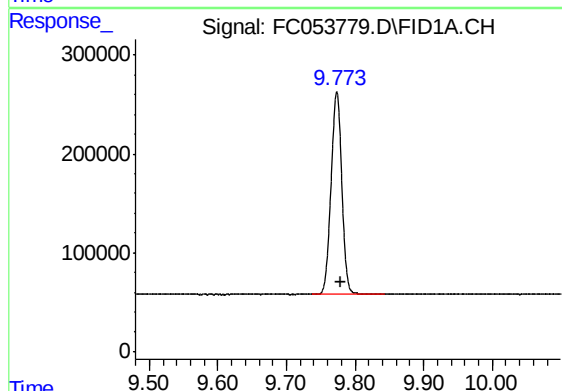
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.004 min
Response: 2501850
Conc: 18.92 ug/ml



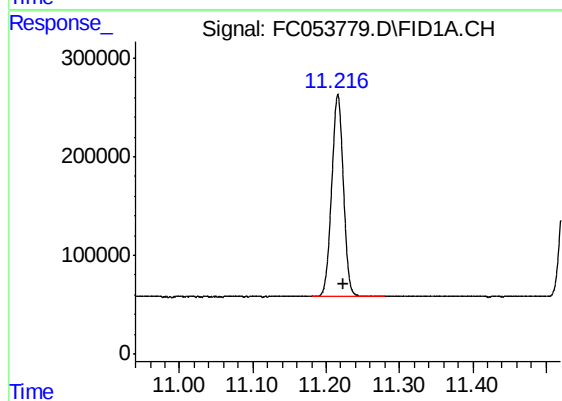
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.005 min
Response: 2295421
Conc: 18.84 ug/ml



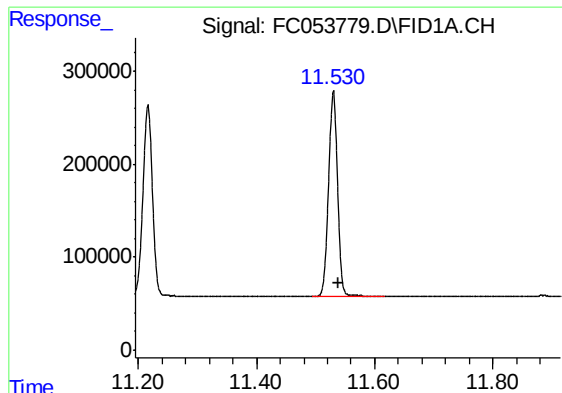
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.007 min
Response: 2237107
Conc: 18.27 ug/ml



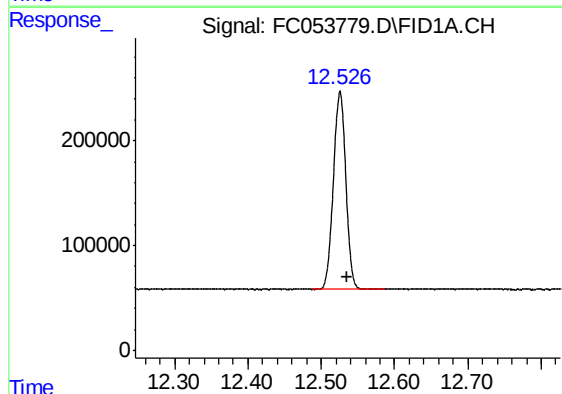
#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.008 min
Response: 2283374
Conc: 17.53 ug/ml



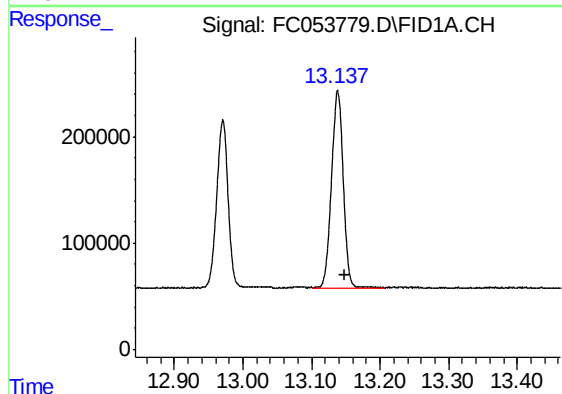
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.008 min
Response: 2320665
Conc: 16.76 ug/ml



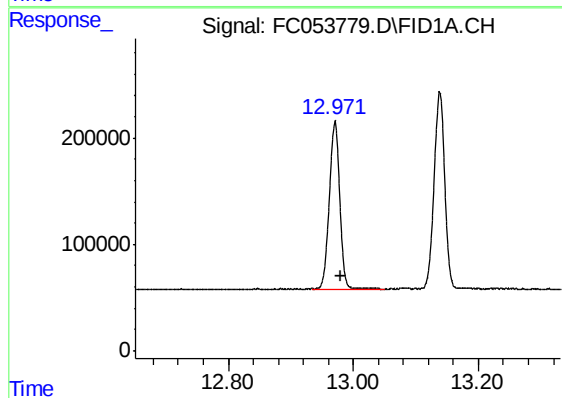
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.010 min
Response: 2236625
Conc: 16.90 ug/ml



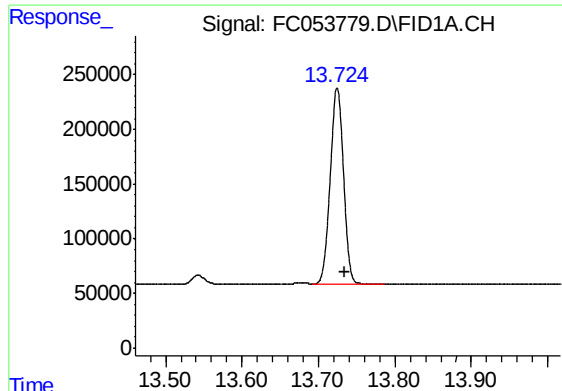
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.010 min
Response: 2189399
Conc: 16.49 ug/ml



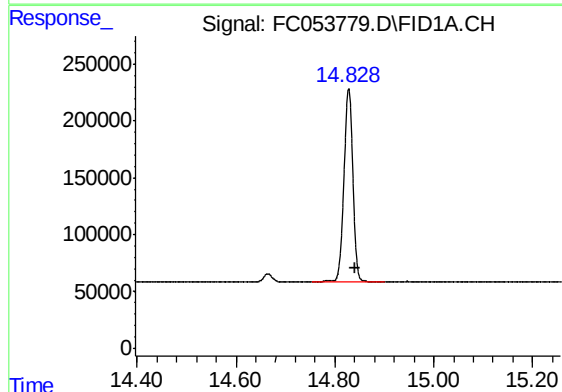
#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.010 min
Response: 1814907
Conc: 16.27 ug/ml



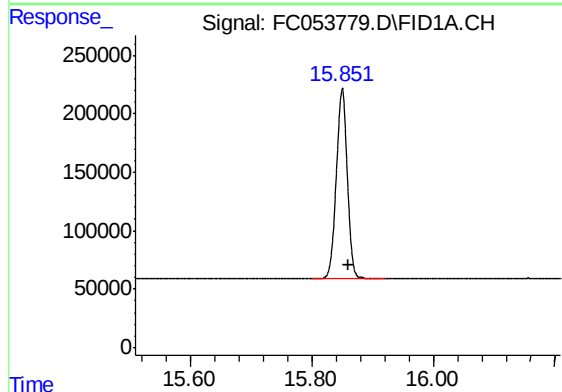
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: -0.010 min
Response: 2168094
Conc: 16.30 ug/ml



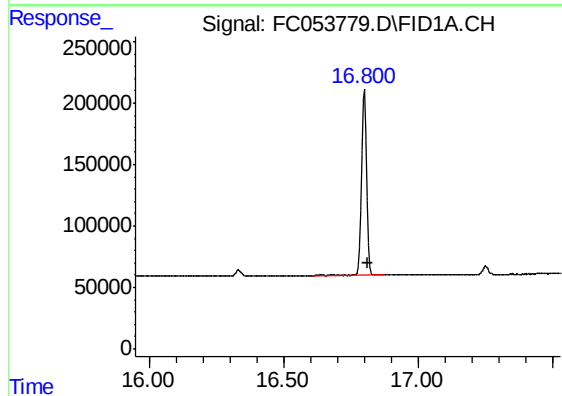
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.012 min
Response: 2134764
Conc: 15.99 ug/ml



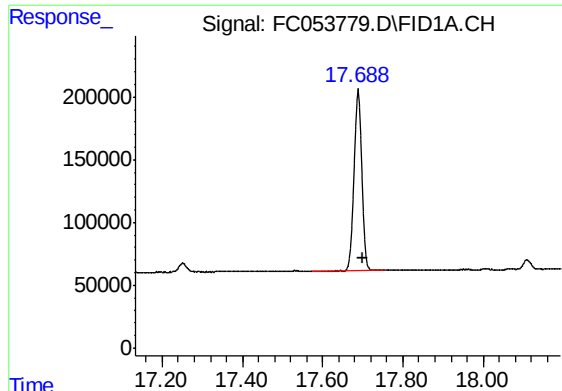
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.011 min
Response: 2035861
Conc: 15.40 ug/ml



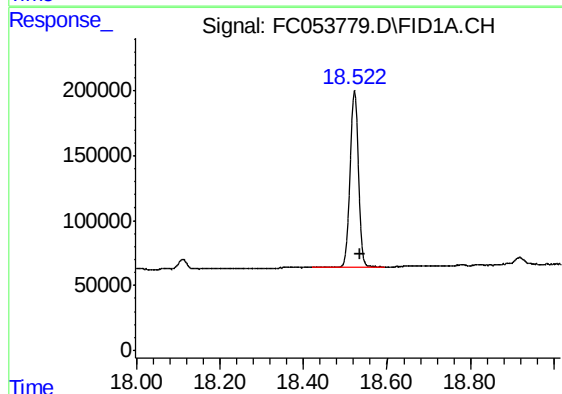
#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.012 min
Response: 1991044
Conc: 15.21 ug/ml



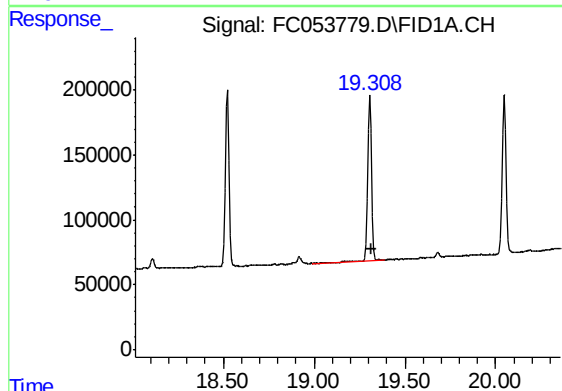
#17 n-Tricontane (C30)

R.T.: 17.689 min
Delta R.T.: -0.013 min
Response: 1939057
Conc: 14.87 ug/ml



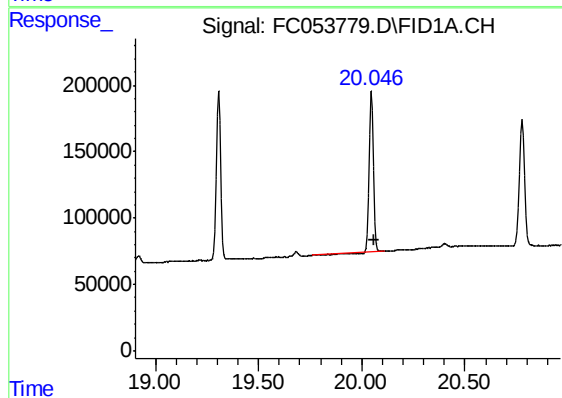
#18 n-Dotriacontane (C32)

R.T.: 18.522 min
Delta R.T.: -0.012 min
Response: 1882915
Conc: 14.92 ug/ml



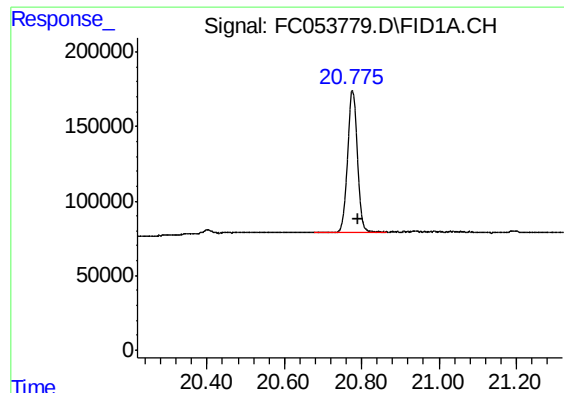
#19 n-Tetratriacontane (C34)

R.T.: 19.307 min
Delta R.T.: -0.011 min
Response: 1836233
Conc: 15.07 ug/ml



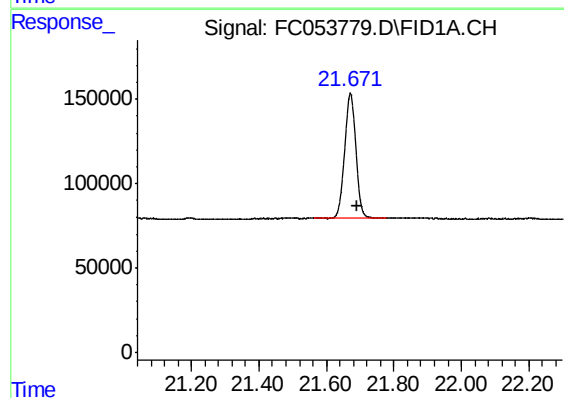
#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.013 min
Response: 1705910
Conc: 14.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.014 min
Response: 1665261
Conc: 16.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.671 min
Delta R.T.: -0.019 min
Response: 1712098
Conc: 17.18 ug/ml