

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091321AL\
 Data File : FC055616.D
 Signal(s) : FID1A.CH
 Acq On : 14 Sep 2021 6:35
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 14 06:59:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.660	2279481	18.247 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
12) S 1-chlorooctadecane (S...	13.093	1738316	17.565 ug/ml
Spiked Amount 50.000		Recovery =	35.13%
Target Compounds			
1) T n-Nonane (C9)	3.400	2414447	22.336 ug/ml
2) T n-Decane (C10)	4.471	2440296	22.380 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2681046	21.758 ug/ml
4) T n-Dodecane (C12)	6.495	2419483	22.097 ug/ml
5) T A~2-methylnaphthalene...	7.126	2658381	21.362 ug/ml
6) T n-Tetradecane (C14)	8.292	2390455	21.463 ug/ml
7) T n-Hexadecane (C16)	9.894	2307295	20.416 ug/ml
8) T n-Octadecane (C18)	11.337	2249803	19.324 ug/ml
10) T n-Eicosane (C20)	12.647	2117528	18.122 ug/ml
11) T n-Heneicosane (C21)	13.259	2075342	17.633 ug/ml
13) T n-Docosane (C22)	13.844	2013221	17.258 ug/ml
14) T n-Tetracosane (C24)	14.947	1937090	16.633 ug/ml
15) T n-Hexacosane (C26)	15.967	1851396	16.343 ug/ml
16) T n-Octacosane (C28)	16.917	1835748	16.590 ug/ml
17) T n-Tricontane (C30)	17.804	1833061	17.239 ug/ml
18) T n-Dotriacontane (C32)	18.634	2165267	21.605 ug/ml
19) T n-Tetratriacontane (C34)	19.416	1876000	19.877 ug/ml
20) T n-Hexatriacontane (C36)	20.155	1895159	21.827 ug/ml
21) T n-Octatriacontane (C38)	20.903	2373844	29.124 ug/ml
22) T n-Tetracontane (C40)	21.841	2179343	27.135 ug/ml

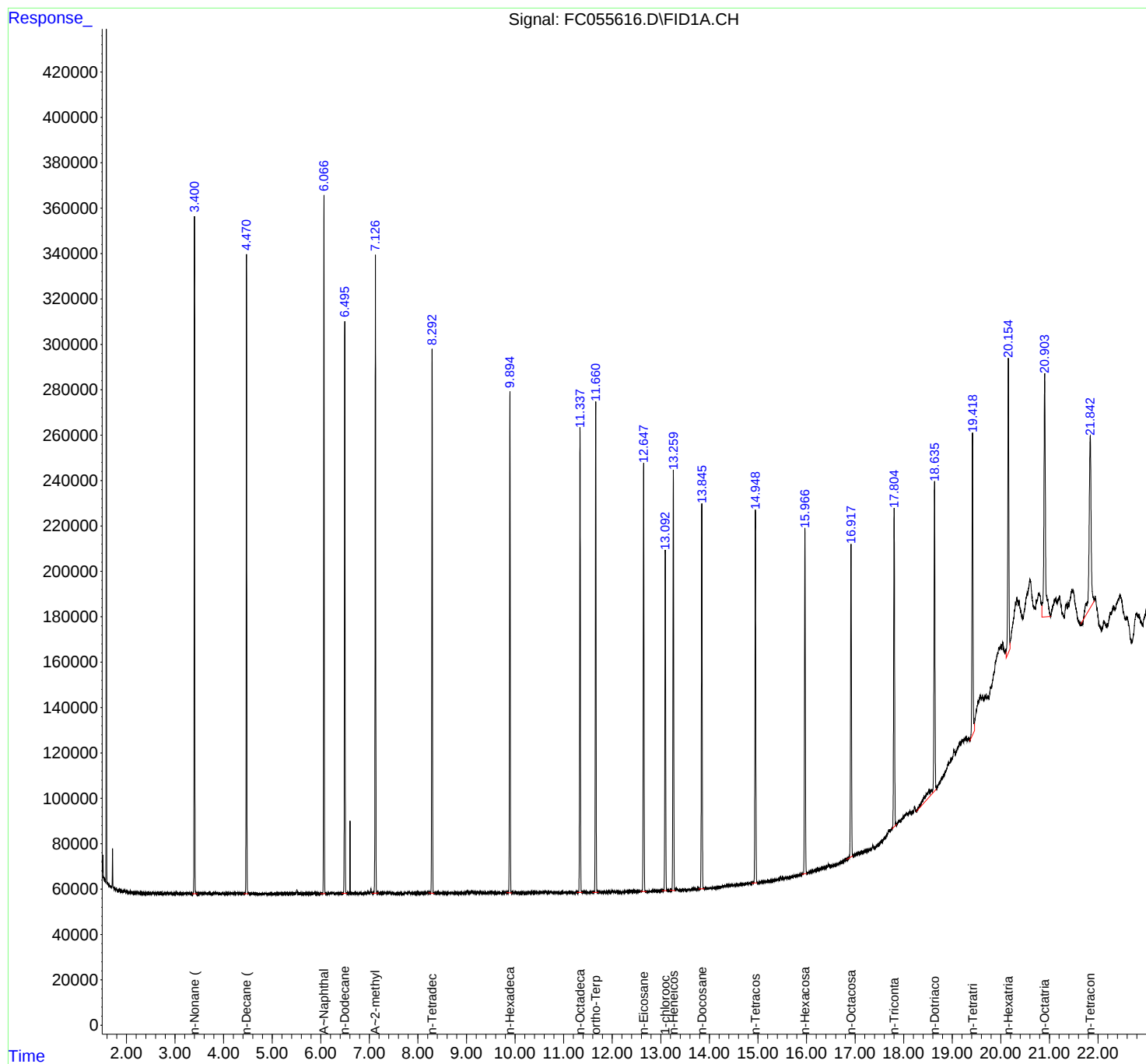
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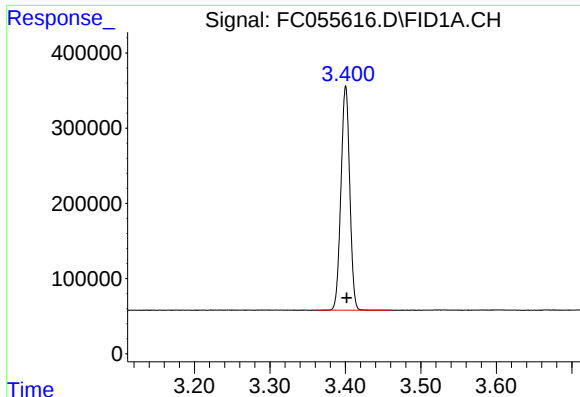
(m)=manual int.

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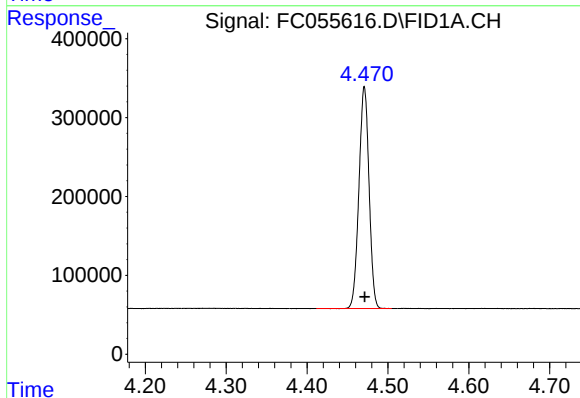
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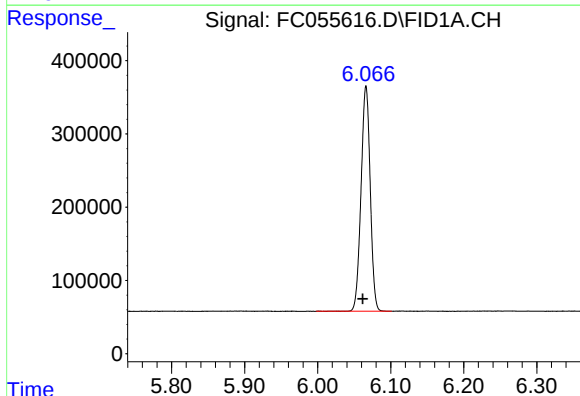
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: -0.002 min
Response: 2414447
Conc: 22.34 ug/ml



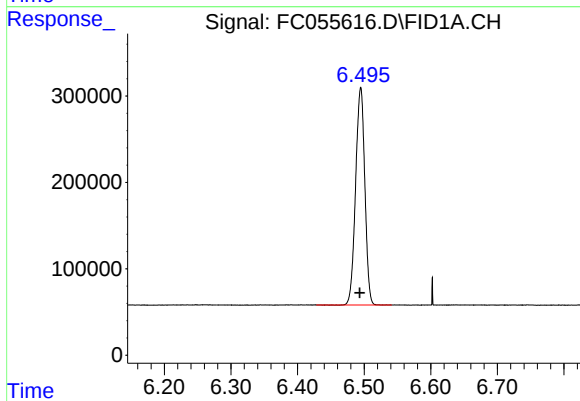
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 2440296
Conc: 22.38 ug/ml



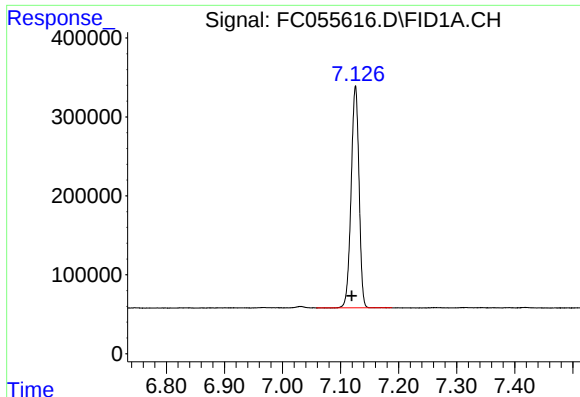
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.004 min
Response: 2681046
Conc: 21.76 ug/ml



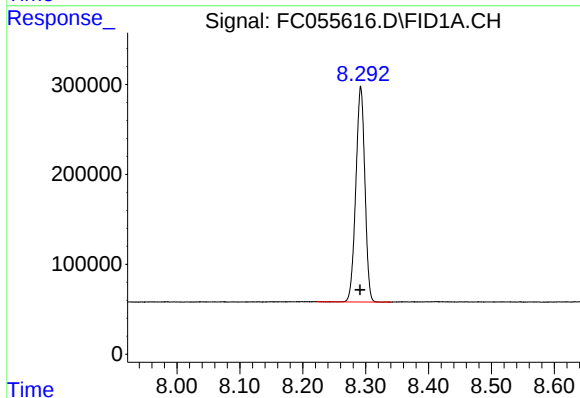
#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: 0.002 min
Response: 2419483
Conc: 22.10 ug/ml



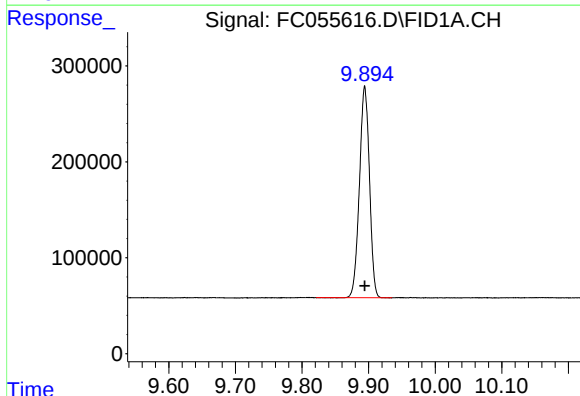
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: 0.006 min
Response: 2658381
Conc: 21.36 ug/ml



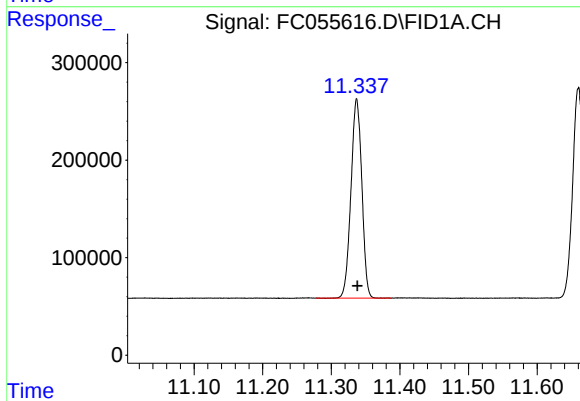
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 2390455
Conc: 21.46 ug/ml



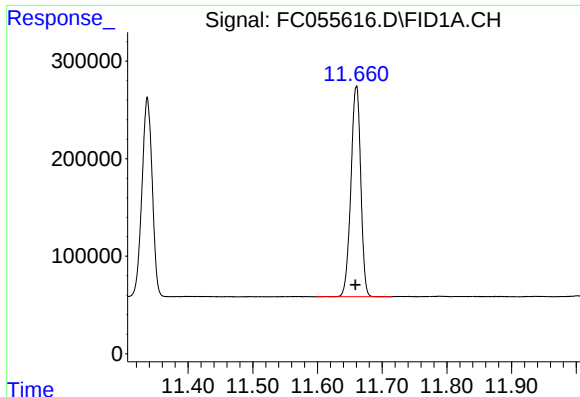
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 2307295
Conc: 20.42 ug/ml



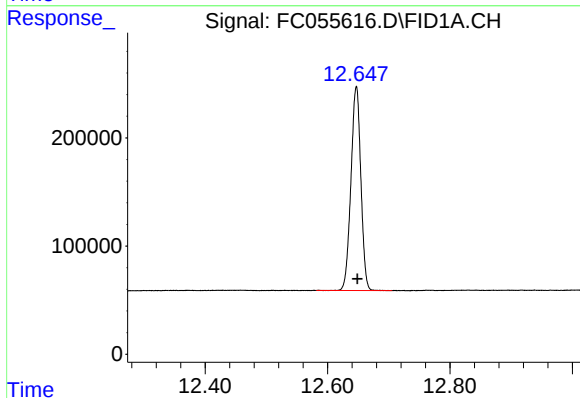
#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.001 min
Response: 2249803
Conc: 19.32 ug/ml



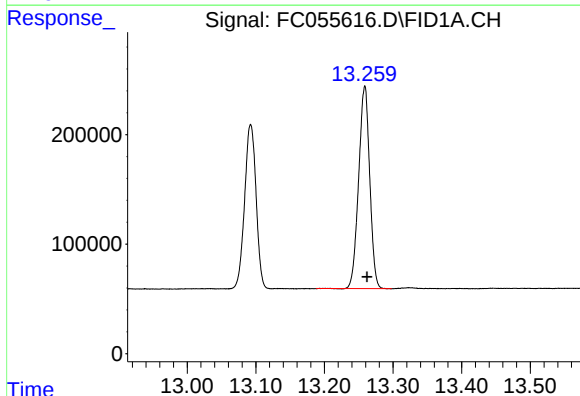
#9 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: 0.001 min
Response: 2279481
Conc: 18.25 ug/ml



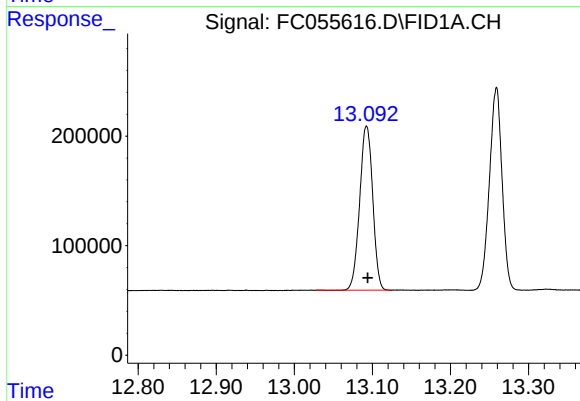
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: -0.002 min
Response: 2117528
Conc: 18.12 ug/ml



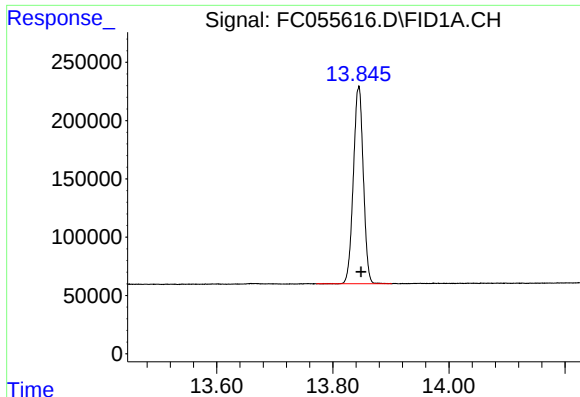
#11 n-Heneicosane (C21)

R.T.: 13.259 min
Delta R.T.: -0.003 min
Response: 2075342
Conc: 17.63 ug/ml



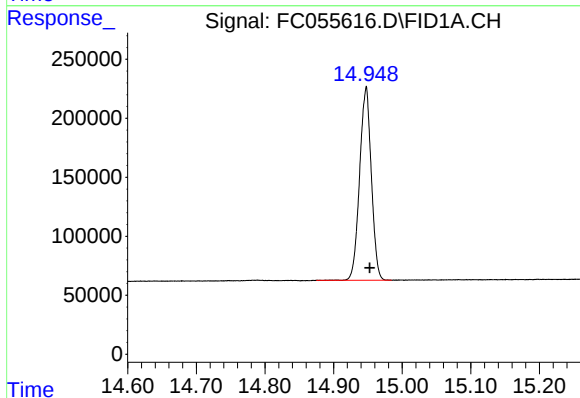
#12 1-chlorooctadecane (SURR)

R.T.: 13.093 min
Delta R.T.: -0.001 min
Response: 1738316
Conc: 17.56 ug/ml



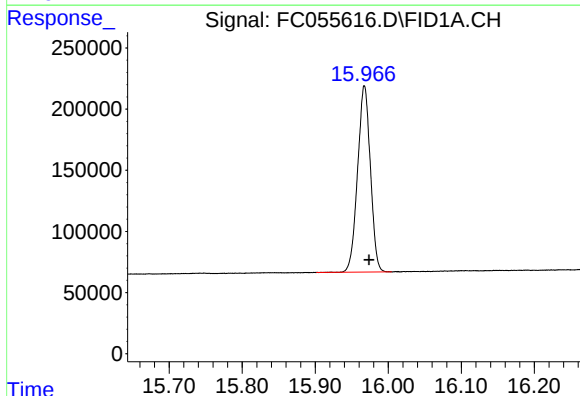
#13 n-Docosane (C22)

R.T.: 13.844 min
Delta R.T.: -0.004 min
Response: 2013221
Conc: 17.26 ug/ml



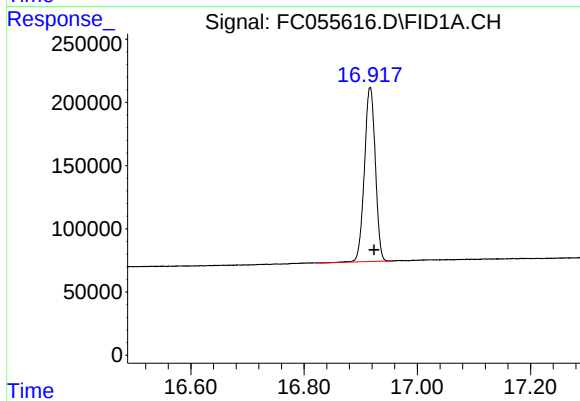
#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: -0.006 min
Response: 1937090
Conc: 16.63 ug/ml



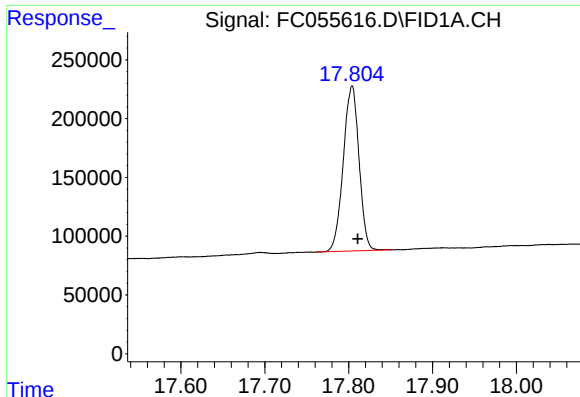
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.006 min
Response: 1851396
Conc: 16.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.917 min
Delta R.T.: -0.007 min
Response: 1835748
Conc: 16.59 ug/ml



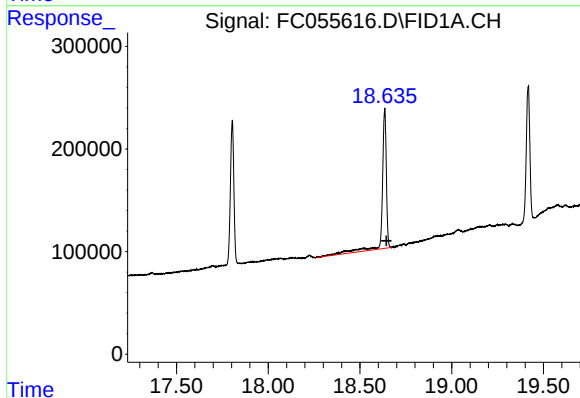
#17 n-Tricontane (C30)

R.T.: 17.804 min

Delta R.T.: -0.007 min

Response: 1833061

Conc: 17.24 ug/ml



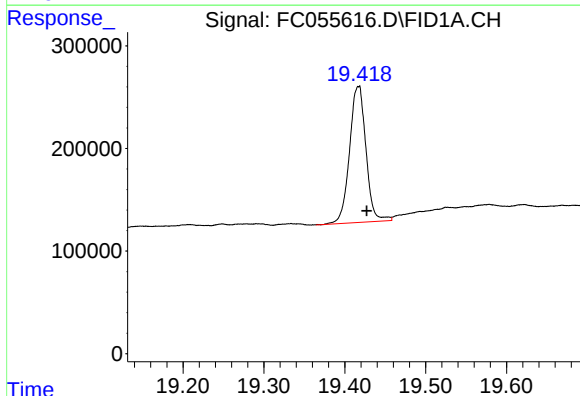
#18 n-Dotriacontane (C32)

R.T.: 18.634 min

Delta R.T.: -0.009 min

Response: 2165267

Conc: 21.61 ug/ml



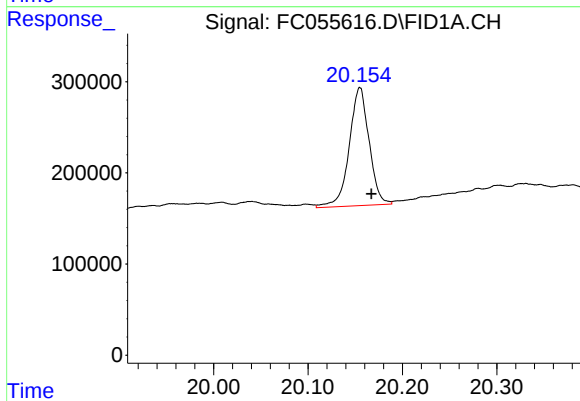
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min

Delta R.T.: -0.011 min

Response: 1876000

Conc: 19.88 ug/ml



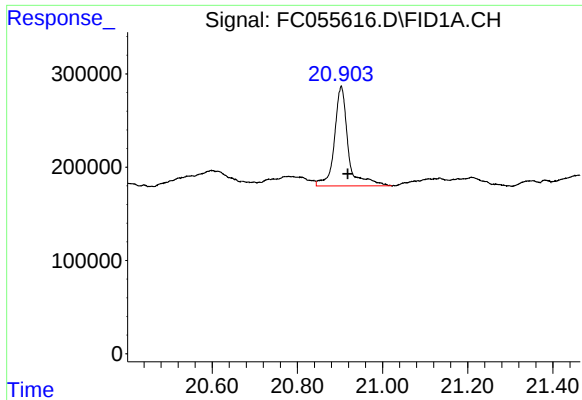
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min

Delta R.T.: -0.012 min

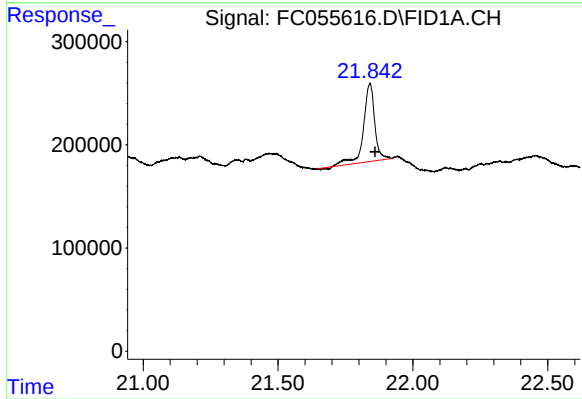
Response: 1895159

Conc: 21.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.903 min
Delta R.T.: -0.015 min
Response: 2373844
Conc: 29.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.841 min
Delta R.T.: -0.019 min
Response: 2179343
Conc: 27.13 ug/ml