

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030620AL\
 Data File : FC046170.D
 Signal(s) : FID1A.CH
 Acq On : 06 Mar 2020 17:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 06 23:08:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 2020
 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)	11.763	2208961	19.363 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
12) S 1-chlorooctadecane (S...	13.182	1709823	19.060 ug/ml
Spiked Amount 50.000		Recovery =	38.12%
Target Compounds			
1) T n-Nonane (C9)	3.538	2136154	21.192 ug/ml
2) T n-Decane (C10)	4.608	2172627	21.541 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2328587	20.971 ug/ml
4) T n-Dodecane (C12)	6.619	2193061	21.496 ug/ml
5) T A~2-methylnaphthalene...	7.260	2341680	21.052 ug/ml
6) T n-Tetradecane (C14)	8.404	2177087	21.267 ug/ml
7) T n-Hexadecane (C16)	9.996	2157402	20.837 ug/ml
8) T n-Octadecane (C18)	11.430	2136171	20.321 ug/ml
10) T n-Eicosane (C20)	12.735	2084769	19.722 ug/ml
11) T n-Heneicosane (C21)	13.345	2067654	19.386 ug/ml
13) T n-Docosane (C22)	13.928	2047567	19.270 ug/ml
14) T n-Tetracosane (C24)	15.027	2002499	18.710 ug/ml
15) T n-Hexacosane (C26)	16.046	1967401	18.511 ug/ml
16) T n-Octacosane (C28)	16.991	1943701	18.565 ug/ml
17) T n-Tricontane (C30)	17.876	1921428	19.067 ug/ml
18) T n-Dotriacontane (C32)	18.704	1675964	19.583 ug/ml
19) T n-Tetratriacontane (C34)	19.485	1437864	19.811 ug/ml
20) T n-Hexatriacontane (C36)	20.221	1318527	19.497 ug/ml
21) T n-Octatriacontane (C38)	20.987	1219684	20.179 ug/ml
22) T n-Tetracontane (C40)	21.954	1279235	20.347 ug/ml

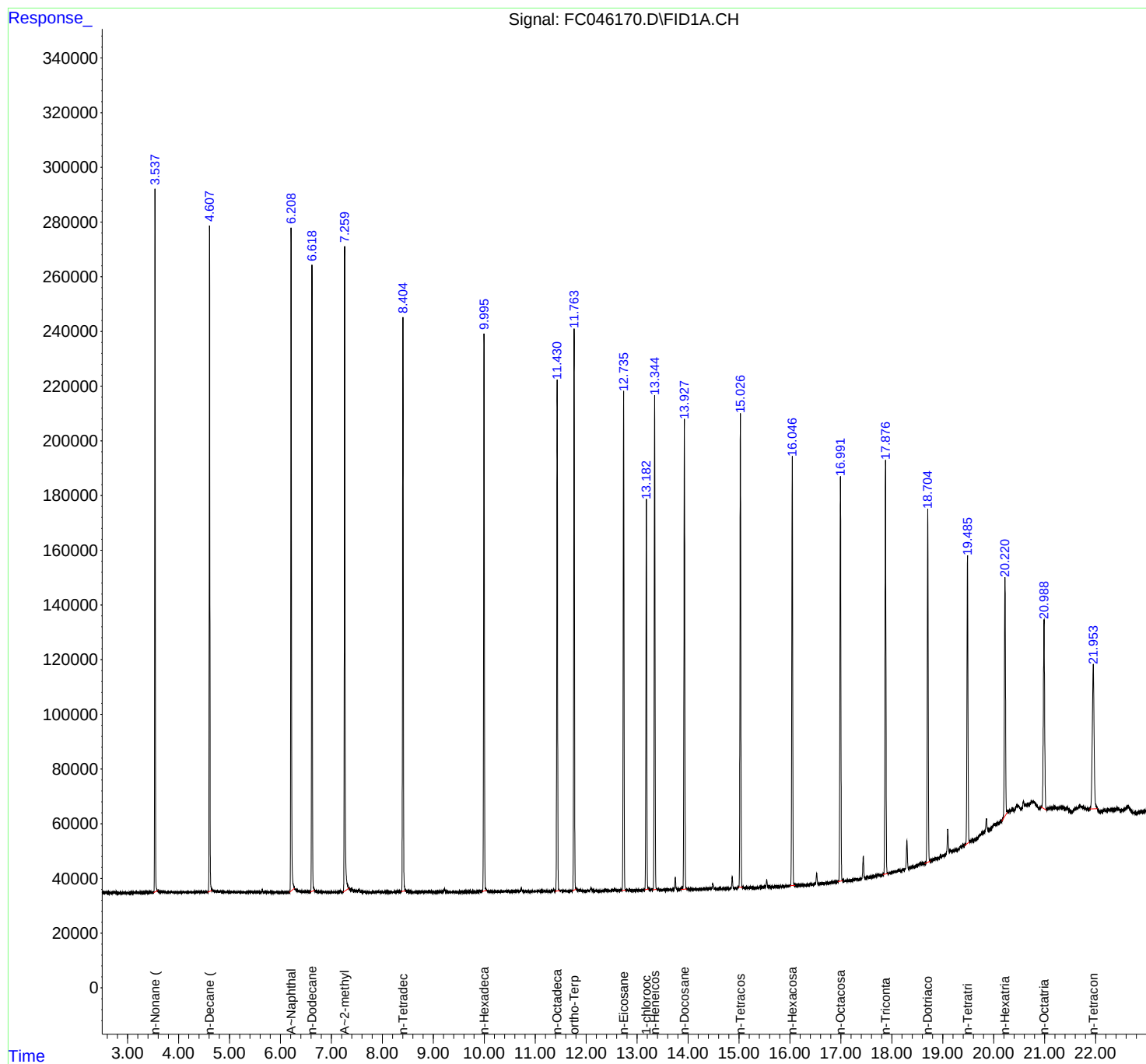
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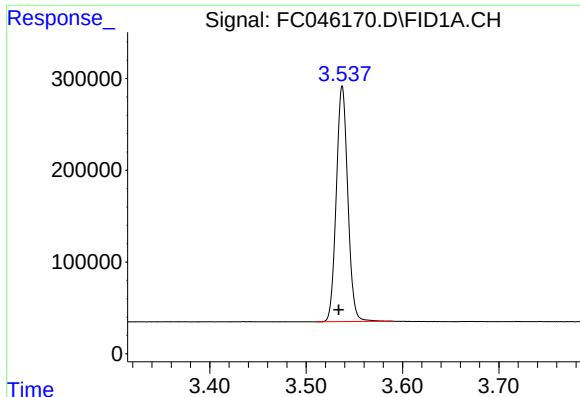
(m)=manual int.

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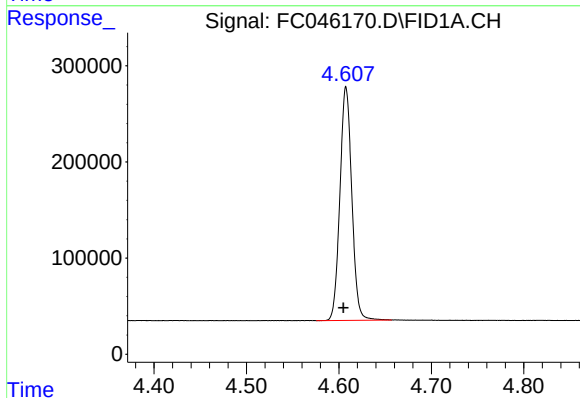
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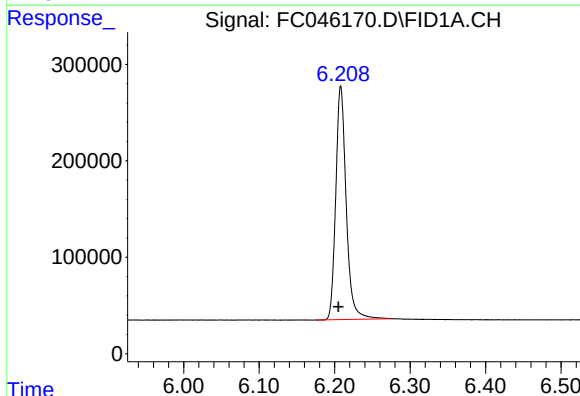
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2136154
Conc: 21.19 ug/ml



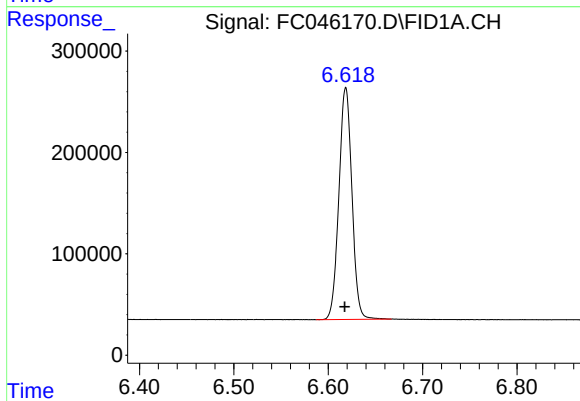
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.003 min
Response: 2172627
Conc: 21.54 ug/ml



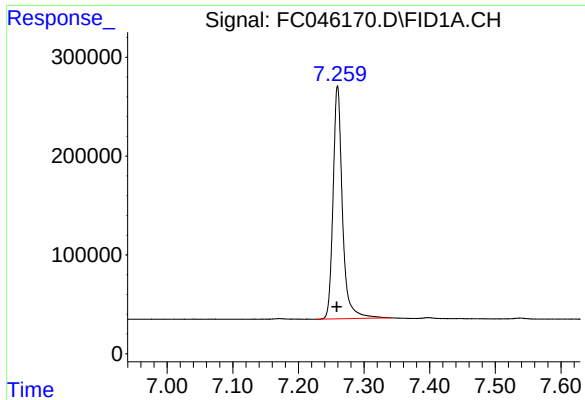
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: 0.003 min
Response: 2328587
Conc: 20.97 ug/ml



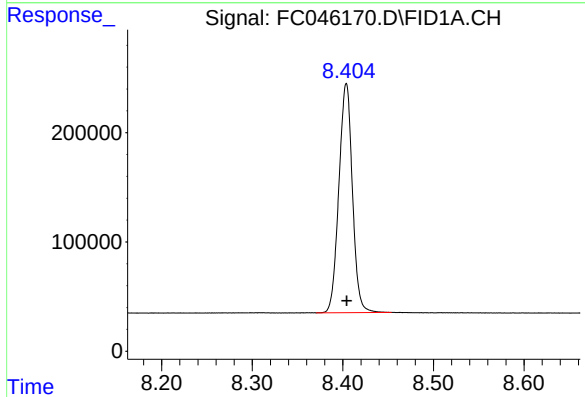
#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: 0.001 min
Response: 2193061
Conc: 21.50 ug/ml



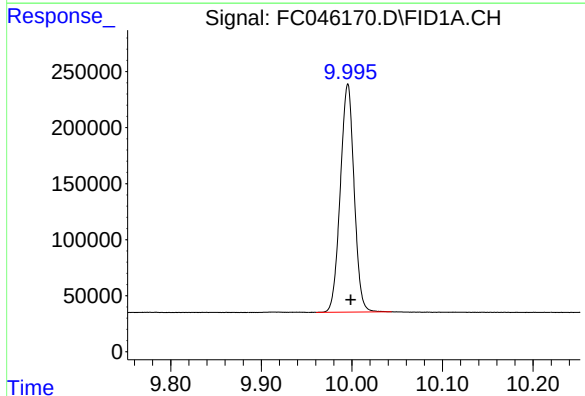
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: 0.001 min
Response: 2341680
Conc: 21.05 ug/ml



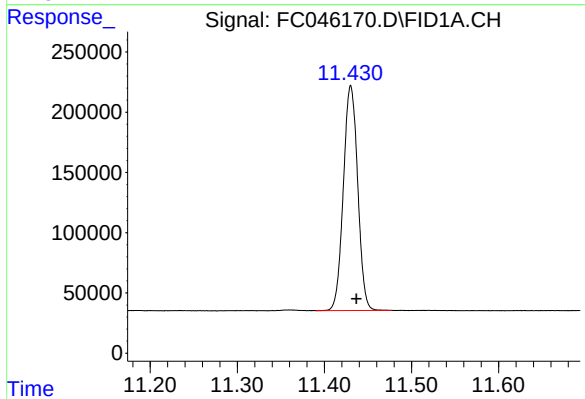
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 2177087
Conc: 21.27 ug/ml



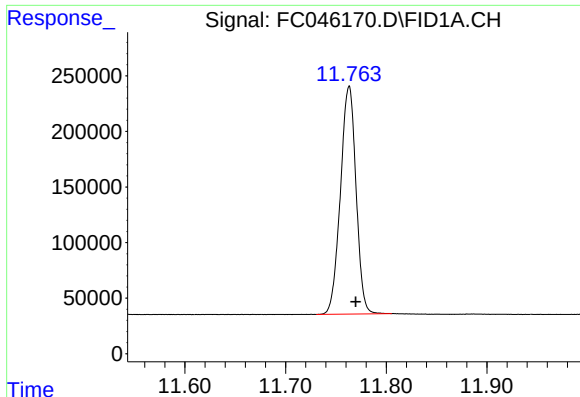
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: -0.003 min
Response: 2157402
Conc: 20.84 ug/ml



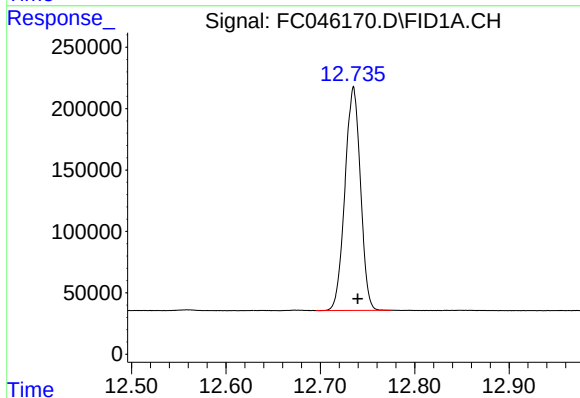
#8 n-Octadecane (C18)

R.T.: 11.430 min
Delta R.T.: -0.007 min
Response: 2136171
Conc: 20.32 ug/ml



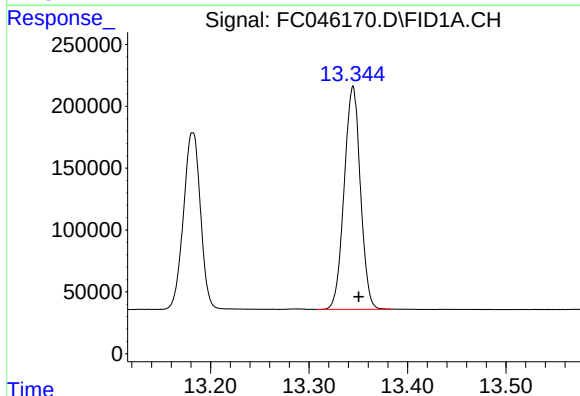
#9 ortho-Terphenyl (SURR)

R.T.: 11.763 min
Delta R.T.: -0.006 min
Response: 2208961
Conc: 19.36 ug/ml



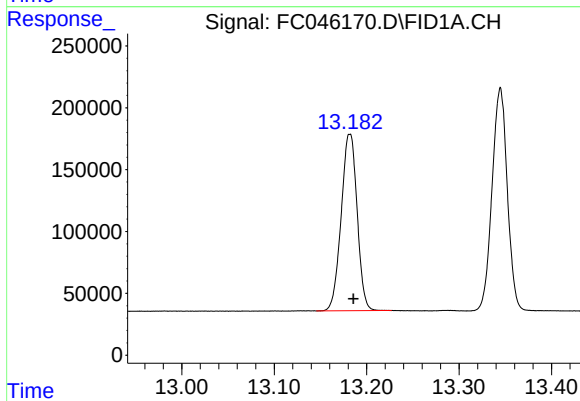
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: -0.005 min
Response: 2084769
Conc: 19.72 ug/ml



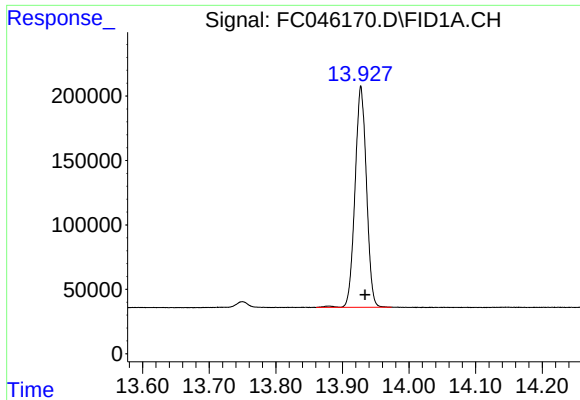
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: -0.006 min
Response: 2067654
Conc: 19.39 ug/ml



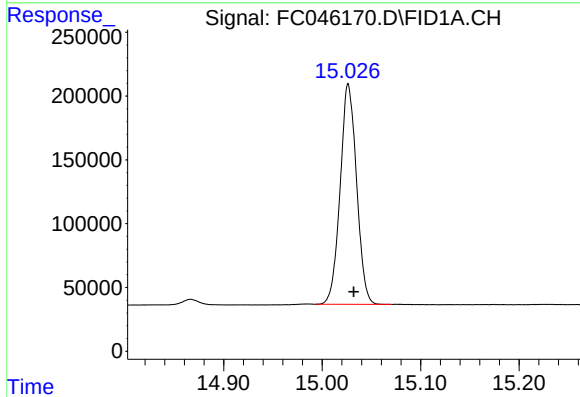
#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min
Delta R.T.: -0.004 min
Response: 1709823
Conc: 19.06 ug/ml



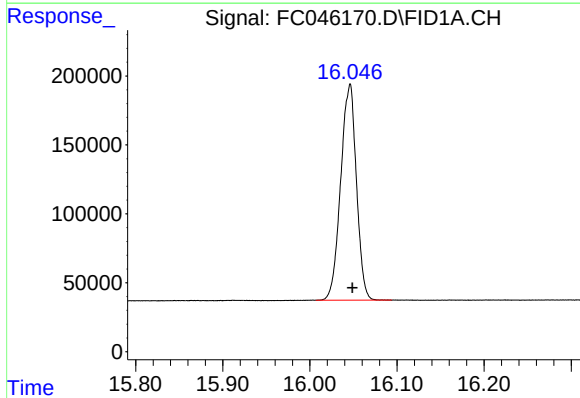
#13 n-Docosane (C22)

R.T.: 13.928 min
Delta R.T.: -0.006 min
Response: 2047567
Conc: 19.27 ug/ml



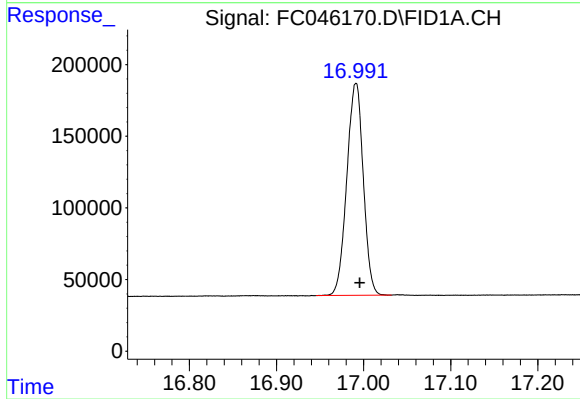
#14 n-Tetracosane (C24)

R.T.: 15.027 min
Delta R.T.: -0.006 min
Response: 2002499
Conc: 18.71 ug/ml



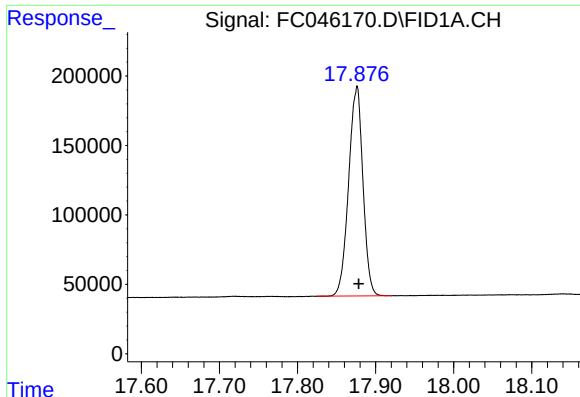
#15 n-Hexacosane (C26)

R.T.: 16.046 min
Delta R.T.: -0.003 min
Response: 1967401
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.991 min
Delta R.T.: -0.004 min
Response: 1943701
Conc: 18.57 ug/ml



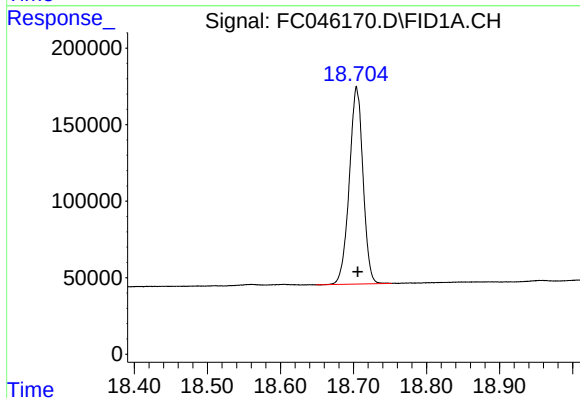
#17 n-Tricontane (C30)

R.T.: 17.876 min

Delta R.T.: -0.002 min

Response: 1921428

Conc: 19.07 ug/ml



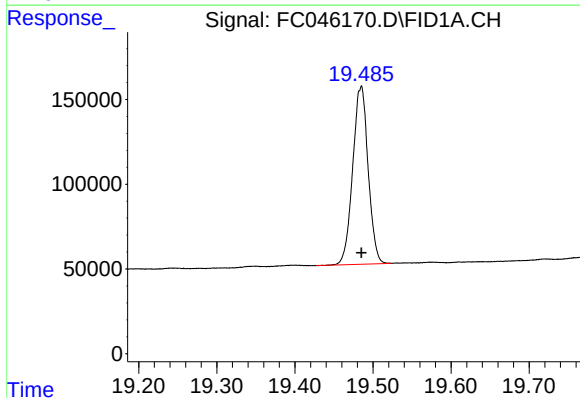
#18 n-Dotriacontane (C32)

R.T.: 18.704 min

Delta R.T.: -0.001 min

Response: 1675964

Conc: 19.58 ug/ml



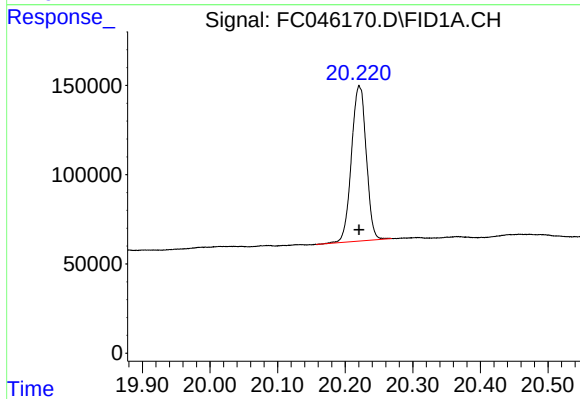
#19 n-Tetratriacontane (C34)

R.T.: 19.485 min

Delta R.T.: 0.000 min

Response: 1437864

Conc: 19.81 ug/ml



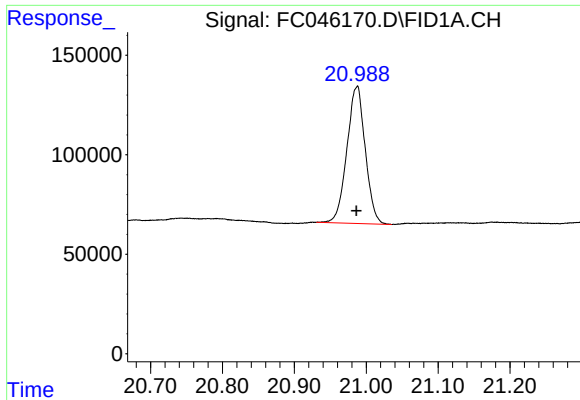
#20 n-Hexatriacontane (C36)

R.T.: 20.221 min

Delta R.T.: 0.000 min

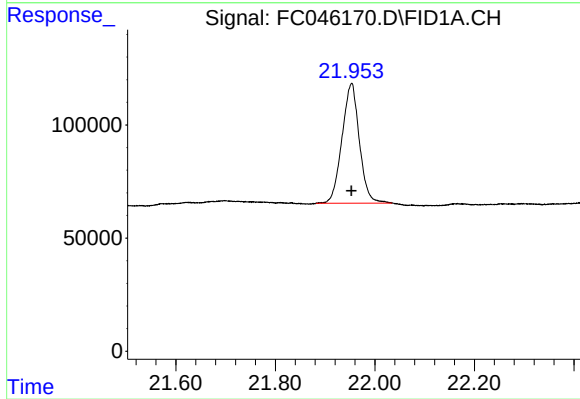
Response: 1318527

Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: 0.001 min
Response: 1219684
Conc: 20.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.954 min
Delta R.T.: 0.000 min
Response: 1279235
Conc: 20.35 ug/ml