

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021219AL\
 Data File : FC039108.D
 Signal(s) : FID1A.CH
 Acq On : 12 Feb 2019 20:36
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 02:42:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020619.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 07 03:09:34 2019
 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)	11.223	3283985	21.005 ug/mlm
Spiked Amount 50.000		Recovery =	42.01%
12) S 1-chlorooctadecane (S...	12.668	2279323	19.331 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
Target Compounds			
1) T n-Nonane (C9)	3.077	2251919	21.697 ug/ml
2) T n-Decane (C10)	4.130	2259914	21.925 ug/ml
3) T A~Naphthalene (C11.7)	5.686	2585357	23.040 ug/ml
4) T n-Dodecane (C12)	6.131	2304331	21.809 ug/ml
5) T A~2-methylnaphthalene...	6.734	2613278	23.501 ug/ml
6) T n-Tetradecane (C14)	7.911	2303921	21.157 ug/ml
7) T n-Hexadecane (C16)	9.499	2304921	20.492 ug/ml
8) T n-Octadecane (C18)	10.930	2299551	19.642 ug/ml
10) T n-Eicosane (C20)	12.230	2296415	19.283 ug/mlm
11) T n-Heneicosane (C21)	12.838	2261959	19.220 ug/ml
13) T n-Docosane (C22)	13.421	2252254	19.108 ug/ml
14) T n-Tetracosane (C24)	14.517	2233845	18.942 ug/ml
15) T n-Hexacosane (C26)	15.532	2200943	18.929 ug/ml
16) T n-Octacosane (C28)	16.477	2194534	18.830 ug/ml
17) T n-Tricontane (C30)	17.360	2175084	18.741 ug/ml
18) T n-Dotriacontane (C32)	18.188	2121025	19.503 ug/ml
19) T n-Tetratriacontane (C34)	18.967	1821034	19.662 ug/ml
20) T n-Hexatriacontane (C36)	19.703	1540883	19.399 ug/ml
21) T n-Octatriacontane (C38)	20.403	1460257	19.883 ug/ml
22) T n-Tetracontane (C40)	21.187	1402228	18.793 ug/ml

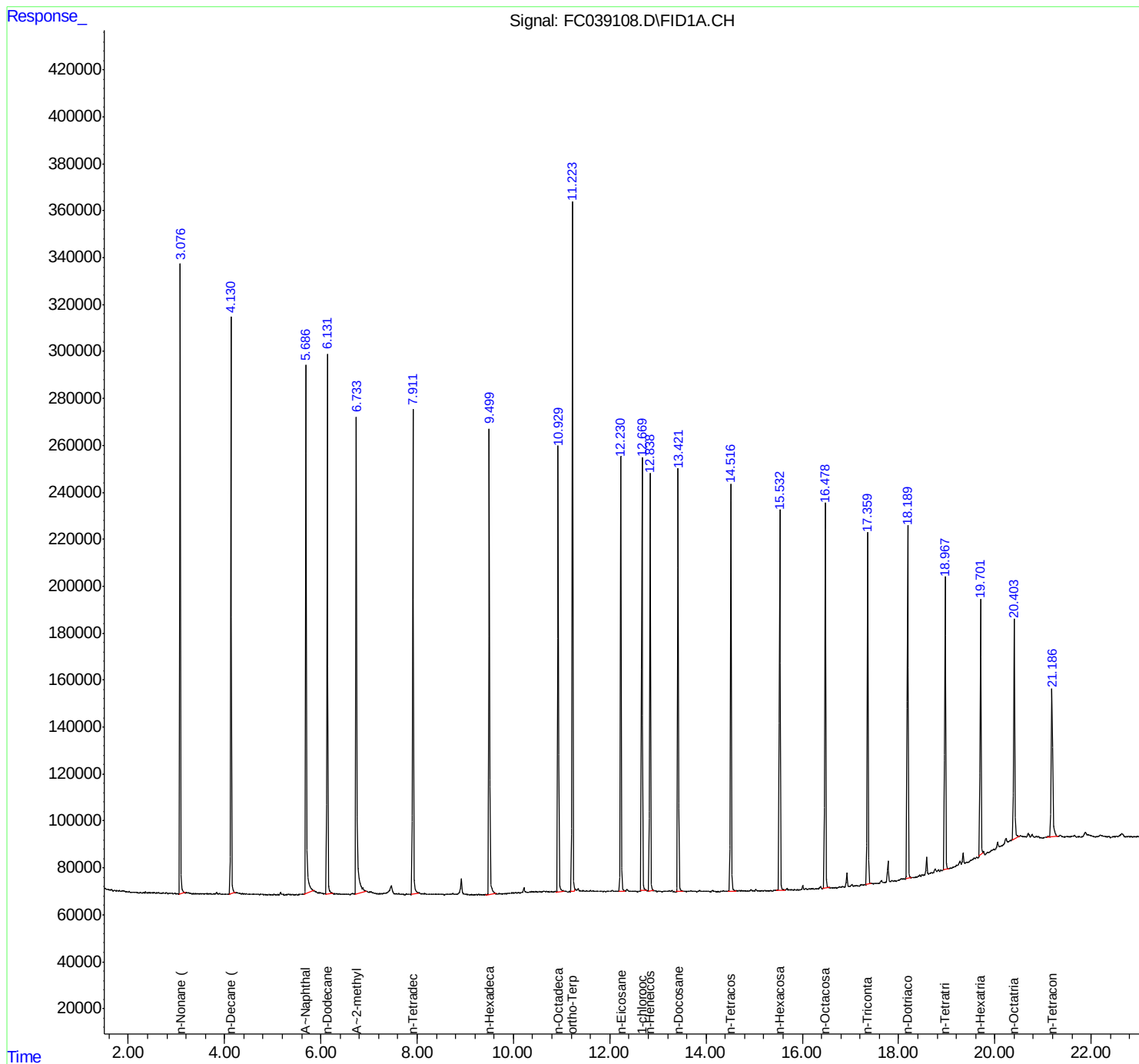
(f)=RT Delta > 1/2 Window

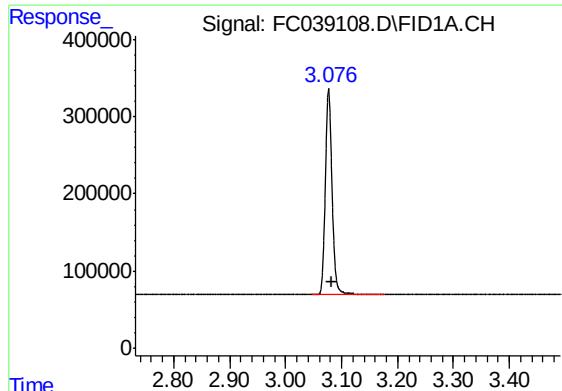
(m)=manual int.

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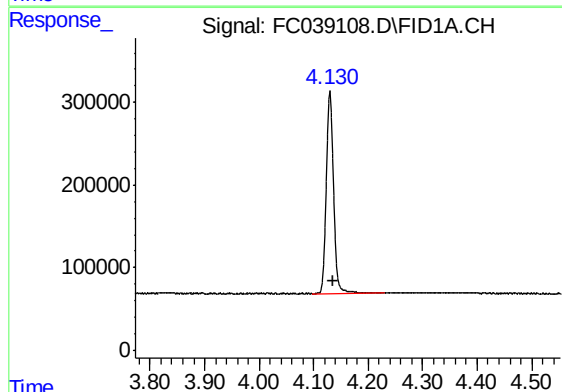
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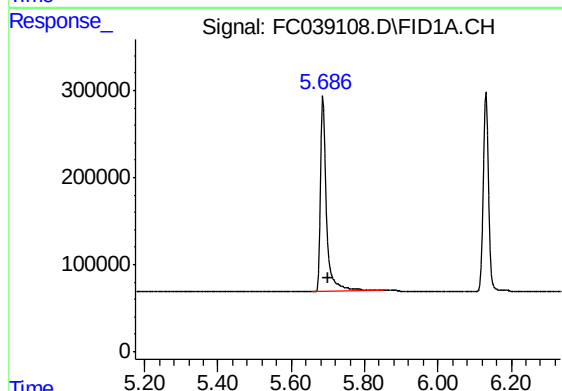
#1 n-Nonane (C9)

R.T.: 3.077 min
Delta R.T.: -0.006 min
Response: 2251919
Conc: 21.70 ug/ml



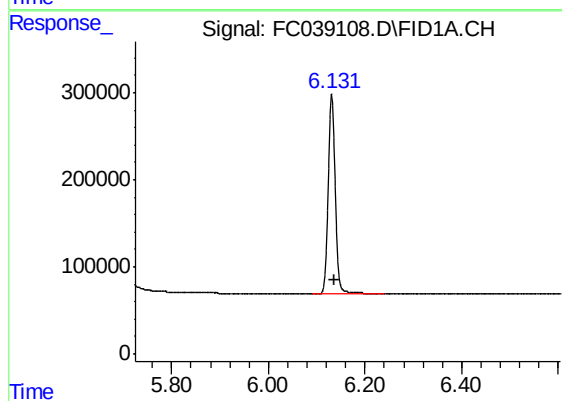
#2 n-Decane (C10)

R.T.: 4.130 min
Delta R.T.: -0.006 min
Response: 2259914
Conc: 21.92 ug/ml



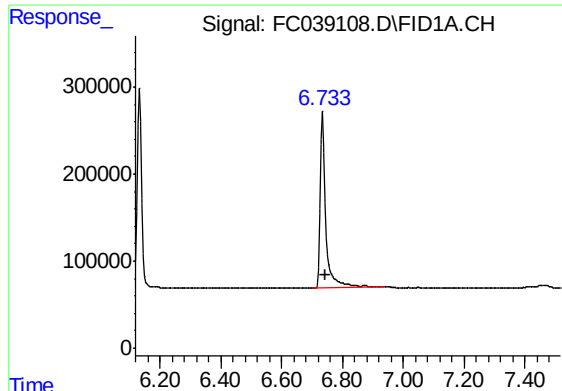
#3 A~Naphthalene (C11.7)

R.T.: 5.686 min
Delta R.T.: -0.013 min
Response: 2585357
Conc: 23.04 ug/ml



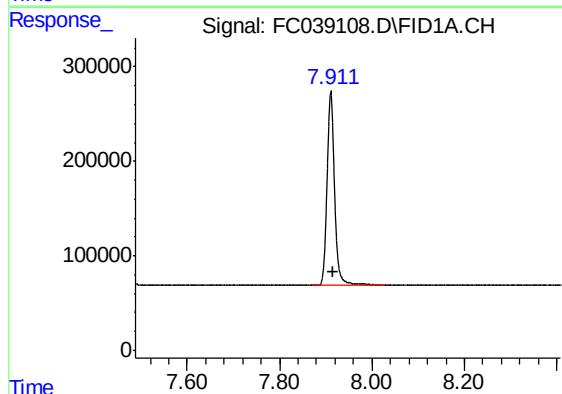
#4 n-Dodecane (C12)

R.T.: 6.131 min
Delta R.T.: -0.006 min
Response: 2304331
Conc: 21.81 ug/ml



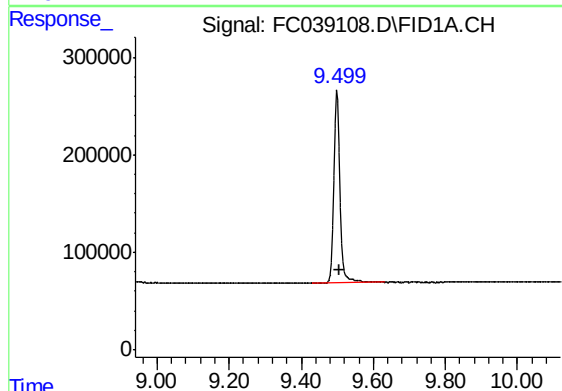
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.012 min
Response: 2613278
Conc: 23.50 ug/ml



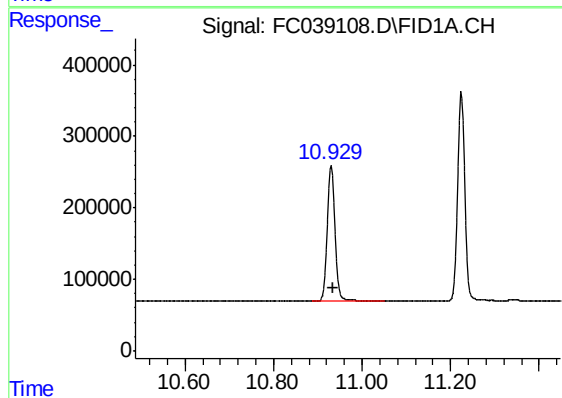
#6 n-Tetradecane (C14)

R.T.: 7.911 min
Delta R.T.: -0.006 min
Response: 2303921
Conc: 21.16 ug/ml



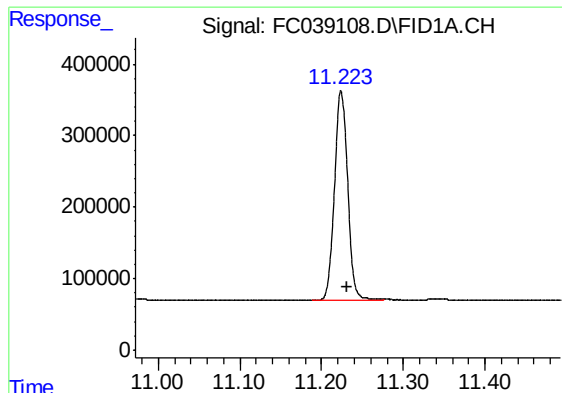
#7 n-Hexadecane (C16)

R.T.: 9.499 min
Delta R.T.: -0.006 min
Response: 2304921
Conc: 20.49 ug/ml



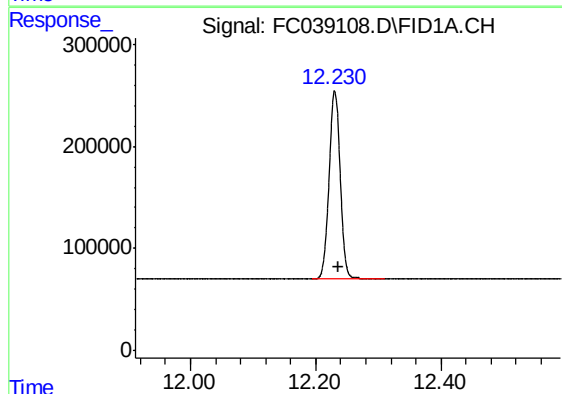
#8 n-Octadecane (C18)

R.T.: 10.930 min
Delta R.T.: -0.006 min
Response: 2299551
Conc: 19.64 ug/ml



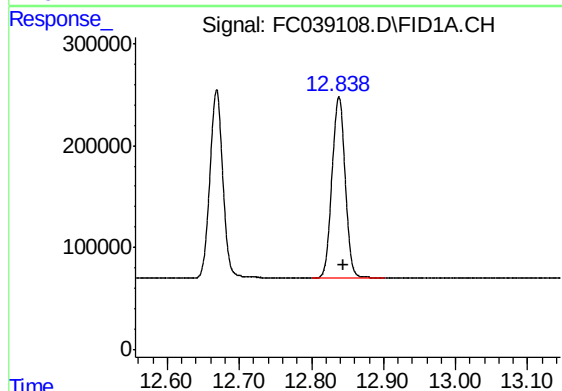
#9 ortho-Terphenyl (SURR)

R.T.: 11.223 min
Delta R.T.: -0.008 min
Response: 3283985
Conc: 21.00 ug/ml m



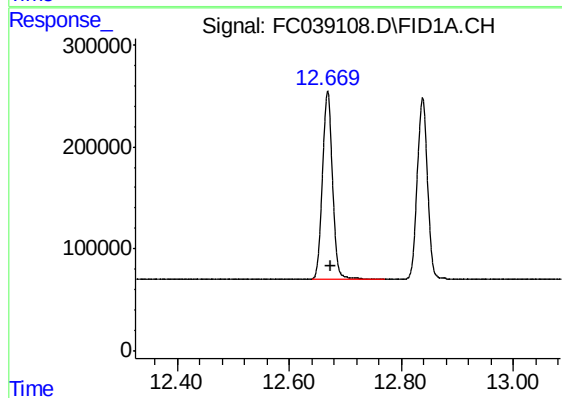
#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: -0.006 min
Response: 2296415
Conc: 19.28 ug/ml m



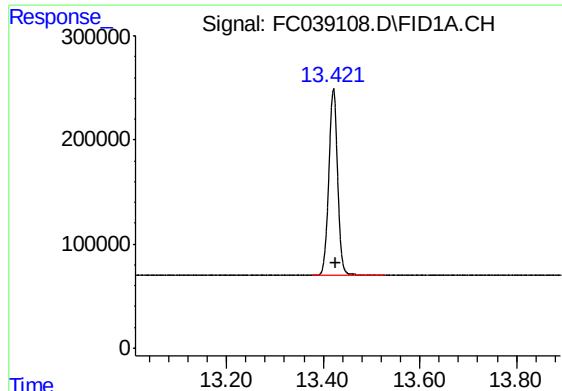
#11 n-Heneicosane (C21)

R.T.: 12.838 min
Delta R.T.: -0.006 min
Response: 2261959
Conc: 19.22 ug/ml



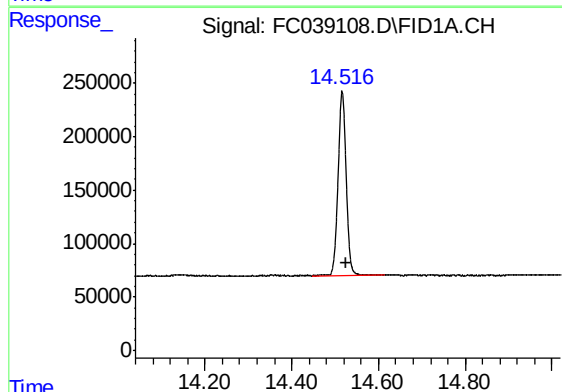
#12 1-chlorooctadecane (SURR)

R.T.: 12.668 min
Delta R.T.: -0.006 min
Response: 2279323
Conc: 19.33 ug/ml



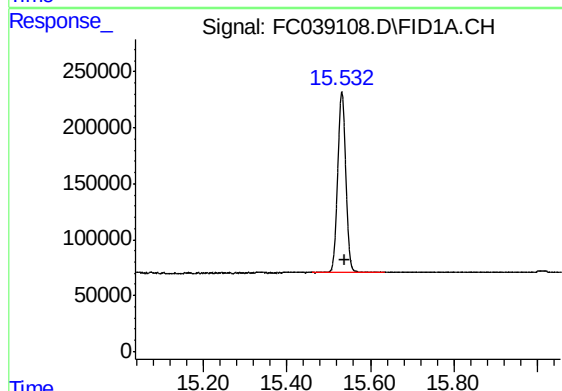
#13 n-Docosane (C22)

R.T.: 13.421 min
Delta R.T.: -0.006 min
Response: 2252254
Conc: 19.11 ug/ml



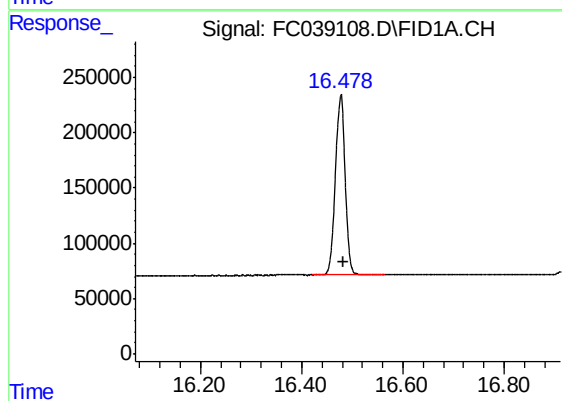
#14 n-Tetracosane (C24)

R.T.: 14.517 min
Delta R.T.: -0.007 min
Response: 2233845
Conc: 18.94 ug/ml



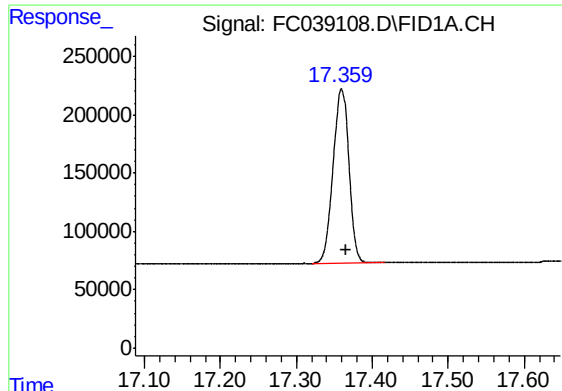
#15 n-Hexacosane (C26)

R.T.: 15.532 min
Delta R.T.: -0.007 min
Response: 2200943
Conc: 18.93 ug/ml



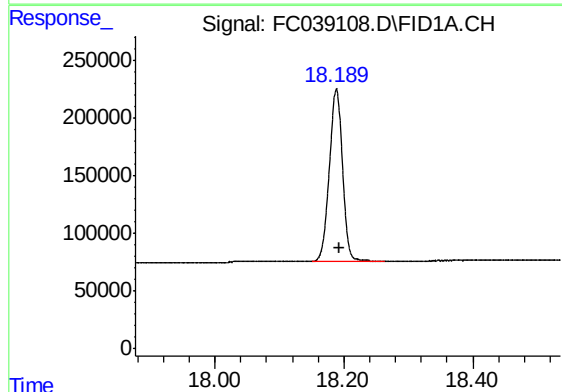
#16 n-Octacosane (C28)

R.T.: 16.477 min
Delta R.T.: -0.006 min
Response: 2194534
Conc: 18.83 ug/ml



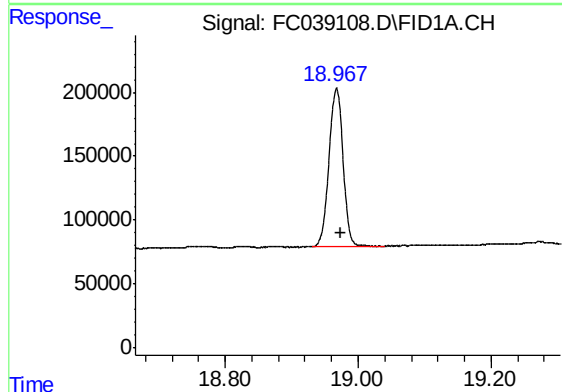
#17 n-Tricontane (C30)

R.T.: 17.360 min
Delta R.T.: -0.006 min
Response: 2175084
Conc: 18.74 ug/ml



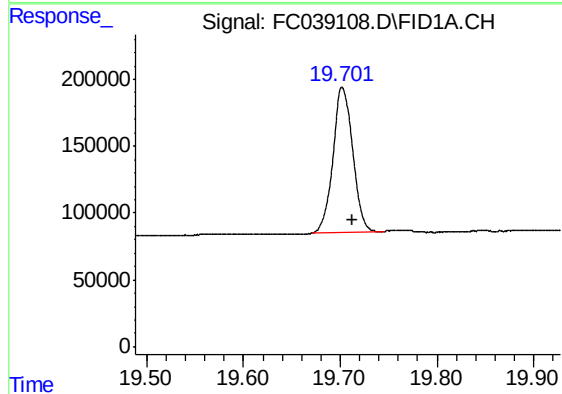
#18 n-Dotriacontane (C32)

R.T.: 18.188 min
Delta R.T.: -0.006 min
Response: 2121025
Conc: 19.50 ug/ml



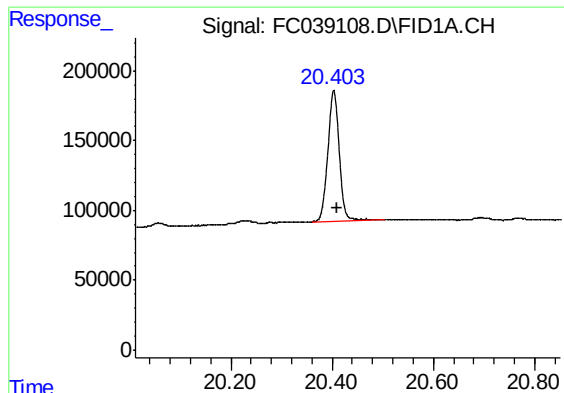
#19 n-Tetatriacontane (C34)

R.T.: 18.967 min
Delta R.T.: -0.008 min
Response: 1821034
Conc: 19.66 ug/ml



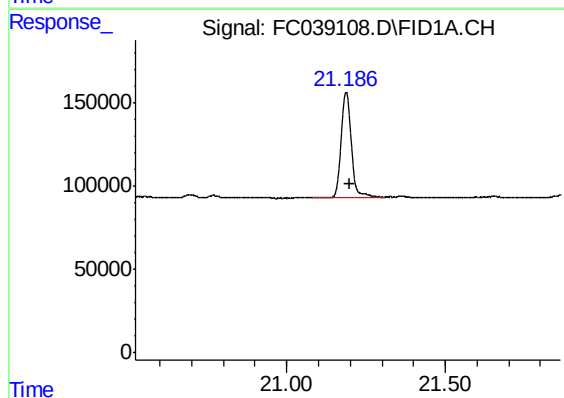
#20 n-Hexatriacontane (C36)

R.T.: 19.703 min
Delta R.T.: -0.009 min
Response: 1540883
Conc: 19.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.403 min
Delta R.T.: -0.006 min
Response: 1460257
Conc: 19.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.187 min
Delta R.T.: -0.011 min
Response: 1402228
Conc: 18.79 ug/ml