

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021121AL\
 Data File : FC052003.D
 Signal(s) : FID1A.CH
 Acq On : 11 Feb 2021 13:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 12 00:09:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 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)	11.696	2450835	19.211 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	13.126	1934491	18.781 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
Target Compounds			
1) T n-Nonane (C9)	3.447	2347020	21.410 ug/ml
2) T n-Decane (C10)	4.517	2377947	21.516 ug/ml
3) T A~Naphthalene (C11.7)	6.110	2656256	21.303 ug/ml
4) T n-Dodecane (C12)	6.536	2429028	21.565 ug/ml
5) T A~2-methylnaphthalene...	7.167	2700658	21.128 ug/ml
6) T n-Tetradecane (C14)	8.331	2435738	21.386 ug/ml
7) T n-Hexadecane (C16)	9.931	2375173	20.908 ug/ml
8) T n-Octadecane (C18)	11.372	2409571	20.213 ug/ml
10) T n-Eicosane (C20)	12.681	2349427	19.422 ug/ml
11) T n-Heneicosane (C21)	13.292	2299271	18.926 ug/ml
13) T n-Docosane (C22)	13.878	2264321	18.619 ug/ml
14) T n-Tetracosane (C24)	14.980	2179817	17.886 ug/ml
15) T n-Hexacosane (C26)	16.001	2070735	17.300 ug/ml
16) T n-Octacosane (C28)	16.949	2027702	17.331 ug/ml
17) T n-Tricontane (C30)	17.837	2014039	17.938 ug/ml
18) T n-Dotriacontane (C32)	18.669	1988471	19.217 ug/ml
19) T n-Tetratriacontane (C34)	19.453	1955241	20.659 ug/mlm
20) T n-Hexatriacontane (C36)	20.191	1934069	22.210 ug/mlm
21) T n-Octatriacontane (C38)	20.948	1847159	22.507 ug/ml
22) T n-Tetracontane (C40)	21.894	1904090	22.287 ug/ml

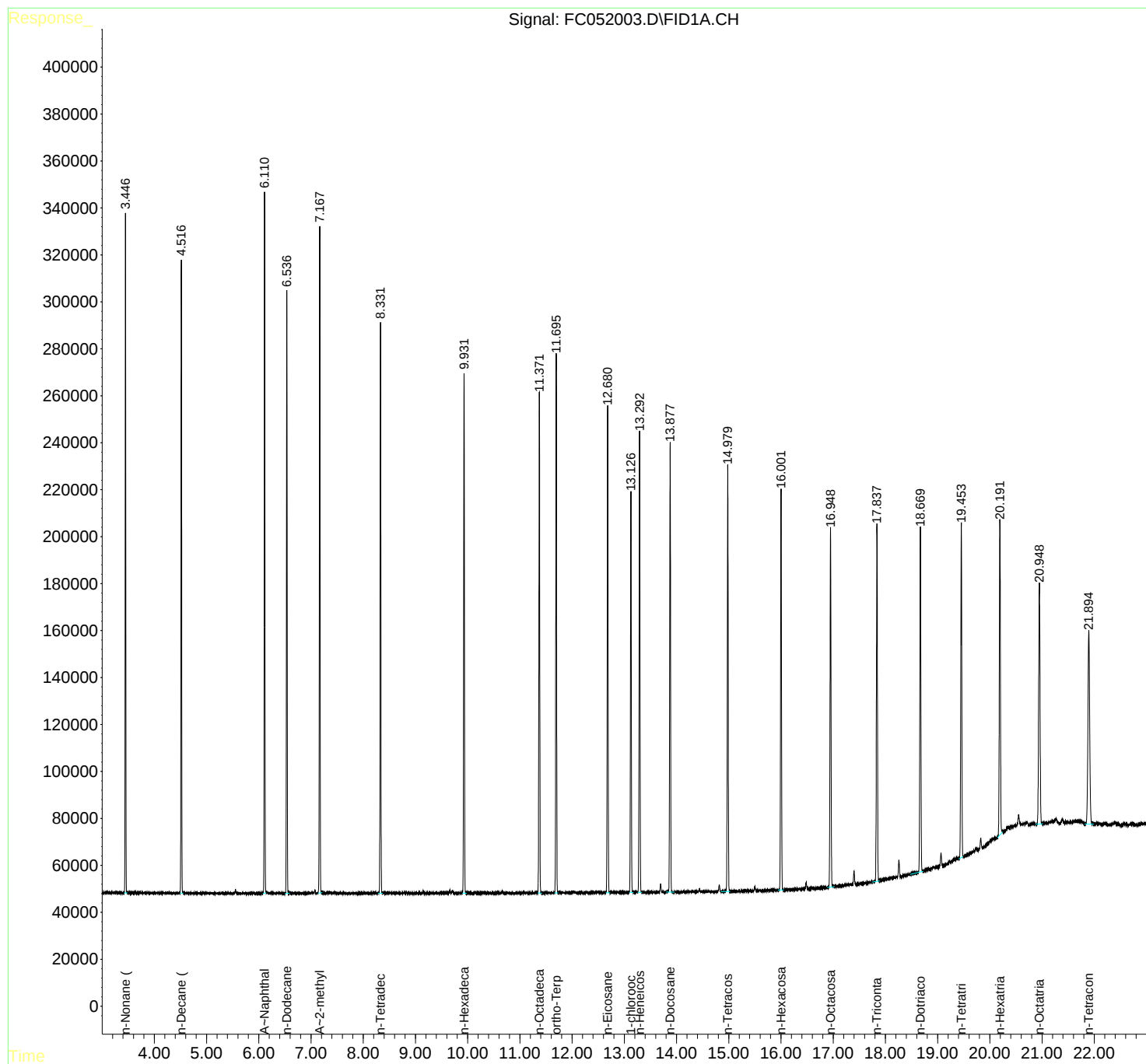
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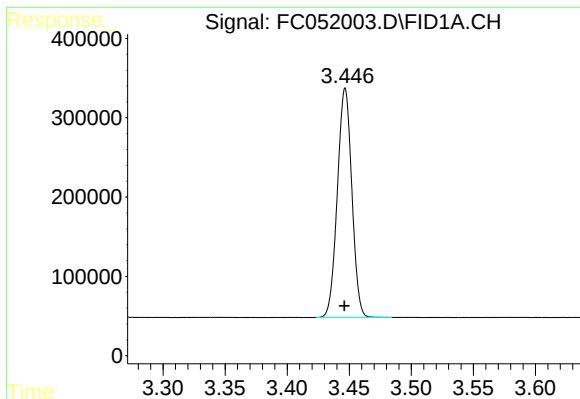
(m)=manual int.

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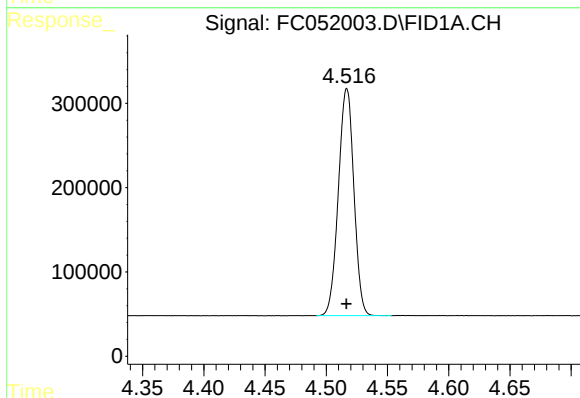
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Signal Info : 20M x 0.18mm x 0.18um





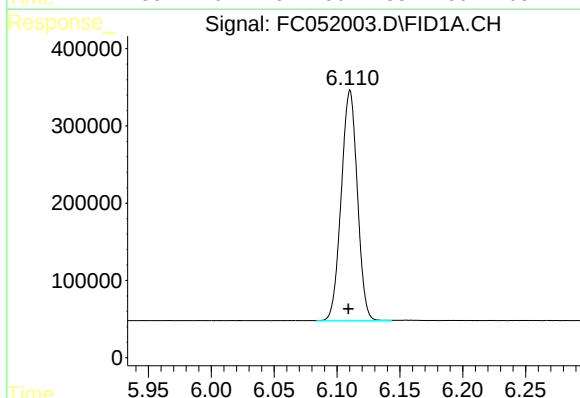
#1 n-Nonane (C9)

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 2347020
Conc: 21.41 ug/ml



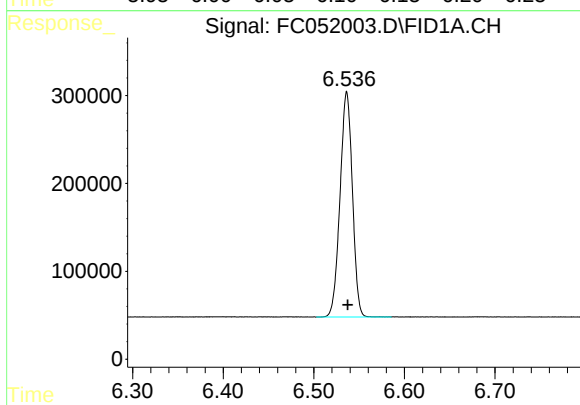
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2377947
Conc: 21.52 ug/ml



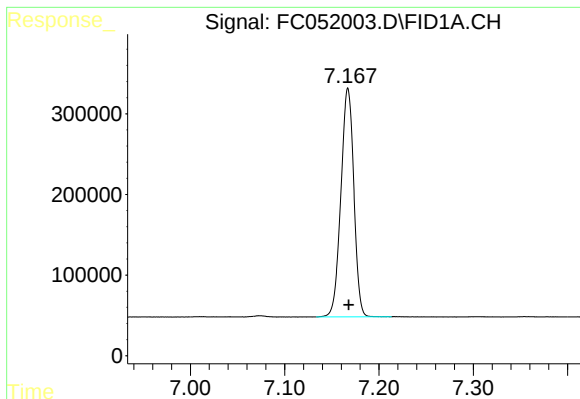
#3 A~Naphthalene (C11.7)

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 2656256
Conc: 21.30 ug/ml



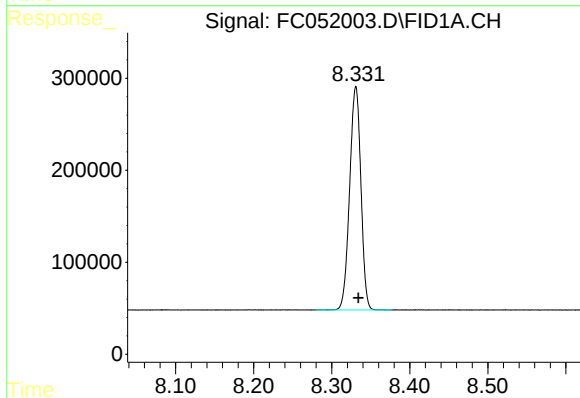
#4 n-Dodecane (C12)

R.T.: 6.536 min
Delta R.T.: -0.001 min
Response: 2429028
Conc: 21.56 ug/ml



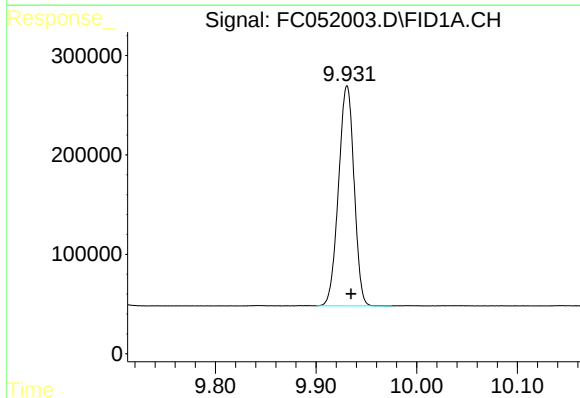
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 2700658
Conc: 21.13 ug/ml



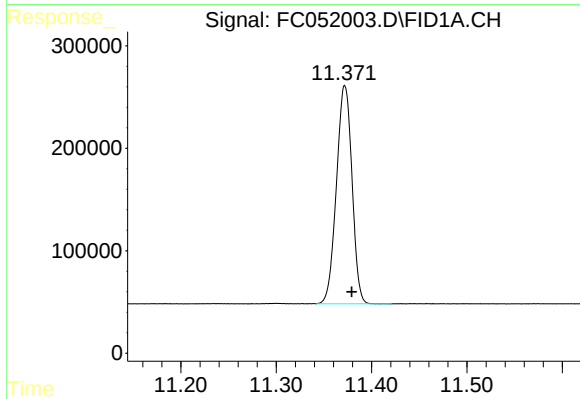
#6 n-Tetradecane (C14)

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 2435738
Conc: 21.39 ug/ml



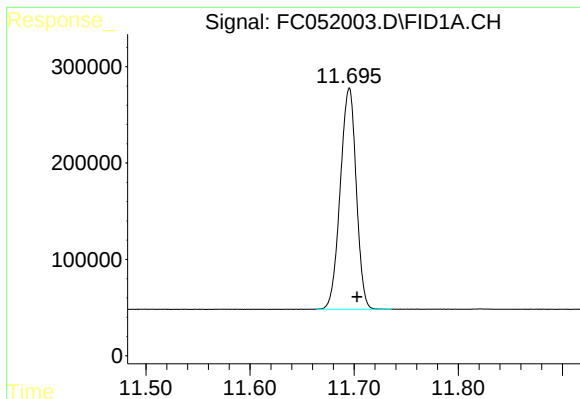
#7 n-Hexadecane (C16)

R.T.: 9.931 min
Delta R.T.: -0.004 min
Response: 2375173
Conc: 20.91 ug/ml



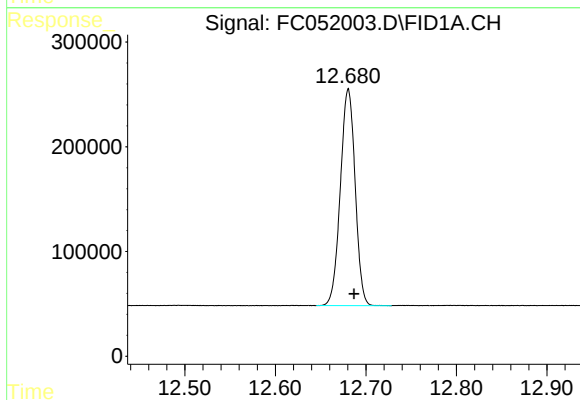
#8 n-Octadecane (C18)

R.T.: 11.372 min
Delta R.T.: -0.007 min
Response: 2409571
Conc: 20.21 ug/ml



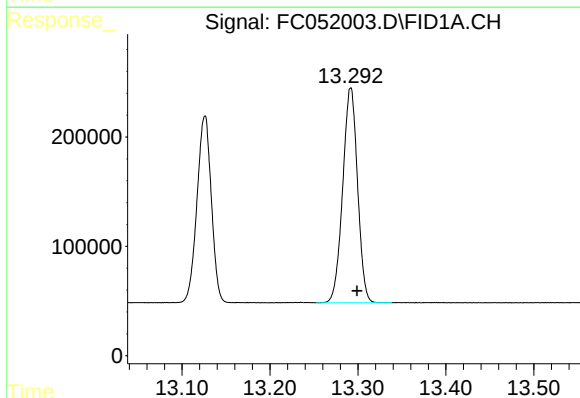
#9 ortho-Terphenyl (SURR)

R.T.: 11.696 min
Delta R.T.: -0.007 min
Response: 2450835
Conc: 19.21 ug/ml



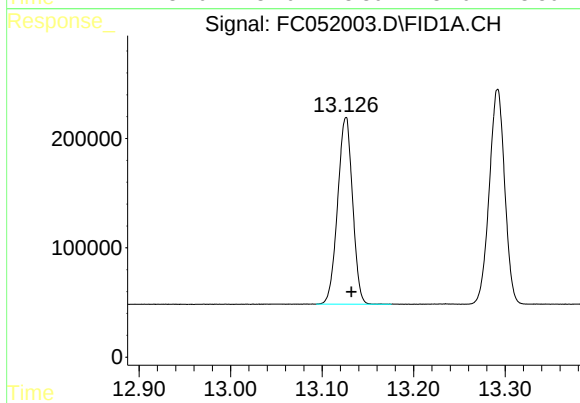
#10 n-Eicosane (C20)

R.T.: 12.681 min
Delta R.T.: -0.006 min
Response: 2349427
Conc: 19.42 ug/ml



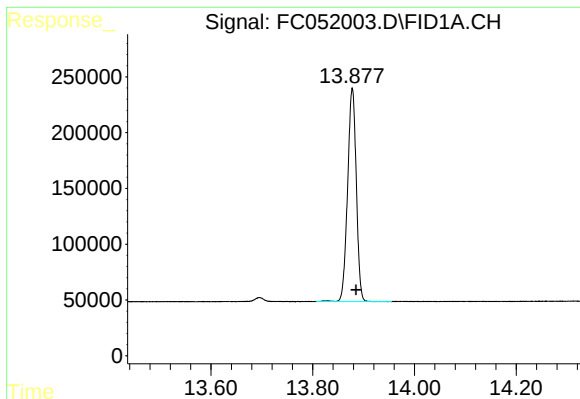
#11 n-Heneicosane (C21)

R.T.: 13.292 min
Delta R.T.: -0.007 min
Response: 2299271
Conc: 18.93 ug/ml



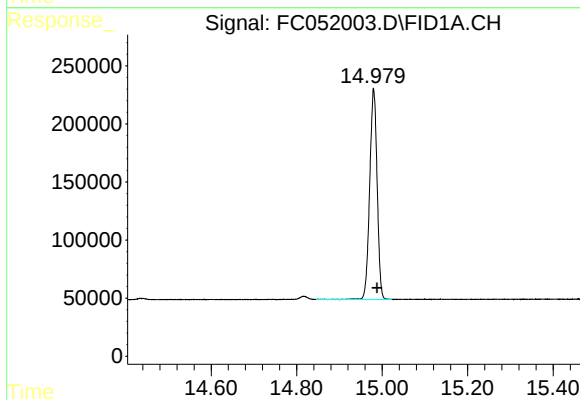
#12 1-chlorooctadecane (SURR)

R.T.: 13.126 min
Delta R.T.: -0.006 min
Response: 1934491
Conc: 18.78 ug/ml



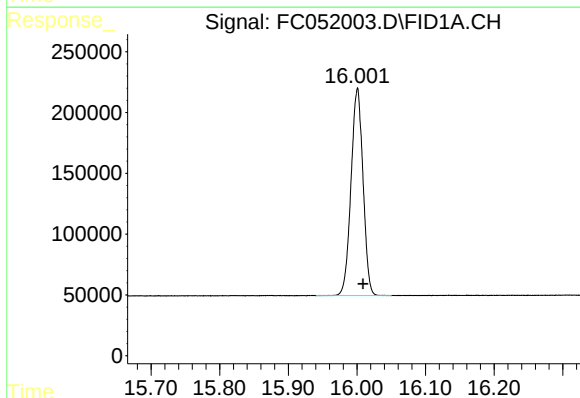
#13 n-Docosane (C22)

R.T.: 13.878 min
Delta R.T.: -0.007 min
Response: 2264321
Conc: 18.62 ug/ml



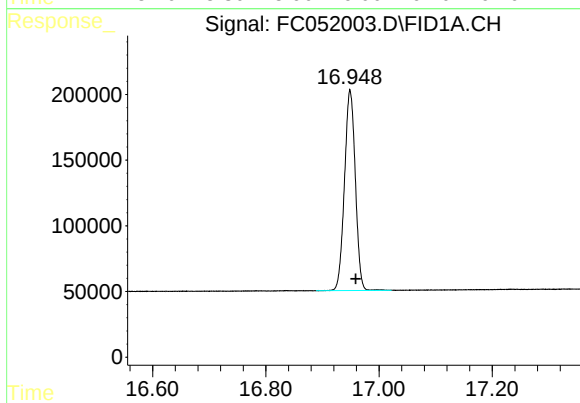
#14 n-Tetracosane (C24)

R.T.: 14.980 min
Delta R.T.: -0.008 min
Response: 2179817
Conc: 17.89 ug/ml



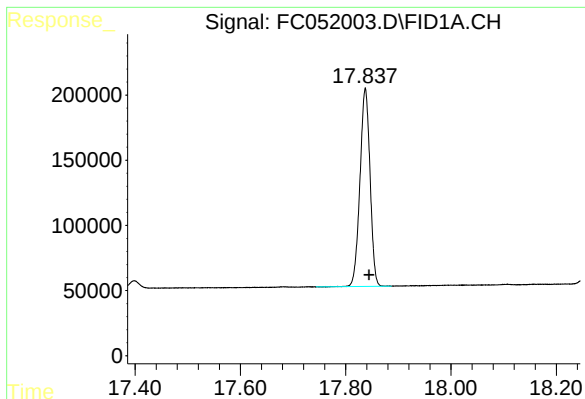
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: -0.008 min
Response: 2070735
Conc: 17.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.010 min
Response: 2027702
Conc: 17.33 ug/ml



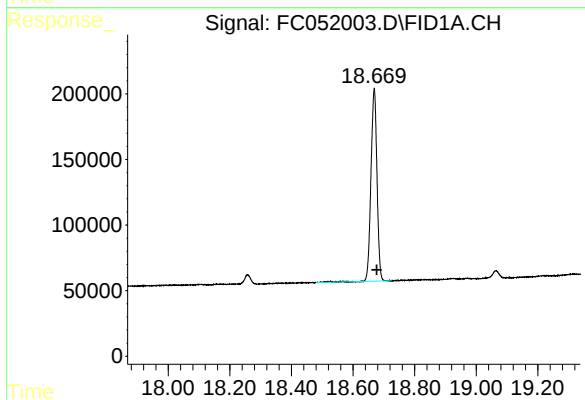
#17 n-Tricontane (C30)

R.T.: 17.837 min

Delta R.T.: -0.007 min

Response: 2014039

Conc: 17.94 ug/ml



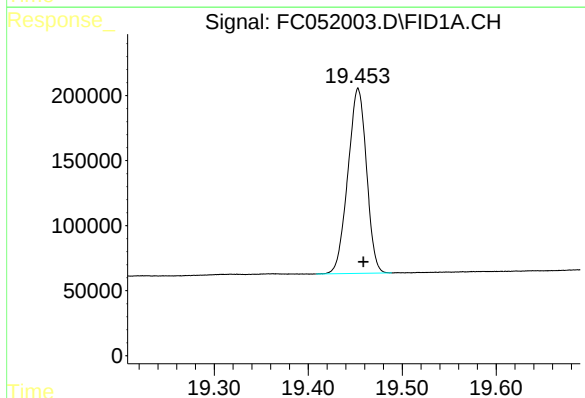
#18 n-Dotriacontane (C32)

R.T.: 18.669 min

Delta R.T.: -0.008 min

Response: 1988471

Conc: 19.22 ug/ml



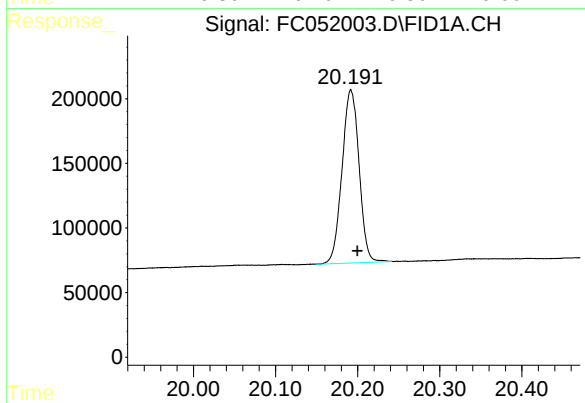
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min

Delta R.T.: -0.006 min

Response: 1955241

Conc: 20.66 ug/ml m



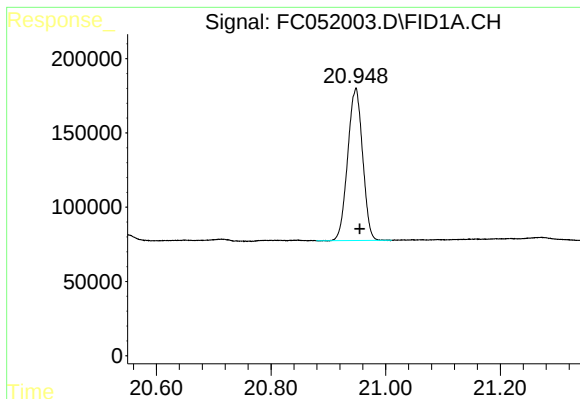
#20 n-Hexatriacontane (C36)

R.T.: 20.191 min

Delta R.T.: -0.008 min

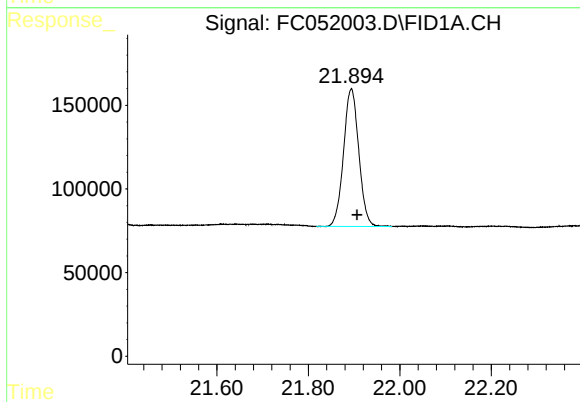
Response: 1934069

Conc: 22.21 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: -0.006 min
Response: 1847159
Conc: 22.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.894 min
Delta R.T.: -0.012 min
Response: 1904090
Conc: 22.29 ug/ml