

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021121AL\
 Data File : FC051998.D
 Signal(s) : FID1A.CH
 Acq On : 11 Feb 2021 10:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 12 00:08:47 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)	11.695	2432759	19.069 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
12) S 1-chlorooctadecane (S...	13.128	1924207	18.681 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
Target Compounds			
1) T n-Nonane (C9)	3.447	2343258	21.376 ug/ml
2) T n-Decane (C10)	4.517	2371677	21.459 ug/ml
3) T A~Naphthalene (C11.7)	6.111	2648484	21.241 ug/ml
4) T n-Dodecane (C12)	6.536	2421730	21.500 ug/ml
5) T A~2-methylnaphthalene...	7.168	2693029	21.068 ug/ml
6) T n-Tetradecane (C14)	8.331	2420075	21.248 ug/ml
7) T n-Hexadecane (C16)	9.931	2365341	20.822 ug/ml
8) T n-Octadecane (C18)	11.372	2394403	20.086 ug/ml
10) T n-Eicosane (C20)	12.680	2329911	19.261 ug/ml
11) T n-Heneicosane (C21)	13.292	2281755	18.782 ug/ml
13) T n-Docosane (C22)	13.878	2242991	18.443 ug/ml
14) T n-Tetracosane (C24)	14.981	2144647	17.598 ug/ml
15) T n-Hexacosane (C26)	16.001	2048611	17.115 ug/ml
16) T n-Octacosane (C28)	16.950	1996975	17.069 ug/ml
17) T n-Tricontane (C30)	17.838	1988619	17.711 ug/ml
18) T n-Dotriacontane (C32)	18.669	1955726	18.901 ug/ml
19) T n-Tetratriacontane (C34)	19.452	1935752	20.453 ug/ml
20) T n-Hexatriacontane (C36)	20.192	1882388	21.617 ug/ml
21) T n-Octatriacontane (C38)	20.948	1818560	22.158 ug/ml
22) T n-Tetracontane (C40)	21.896	1883253	22.043 ug/ml

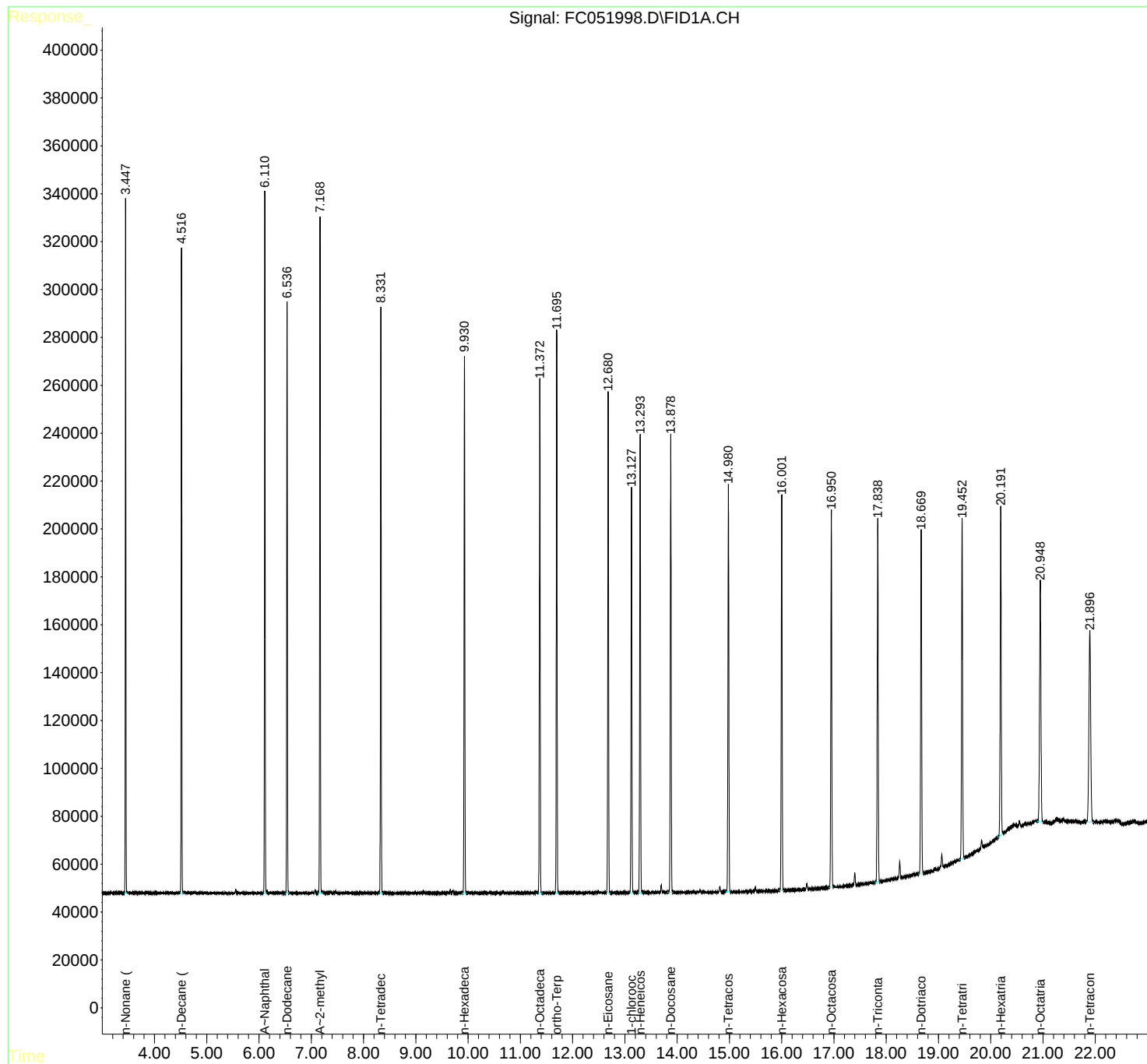
(f)=RT Delta > 1/2 Window

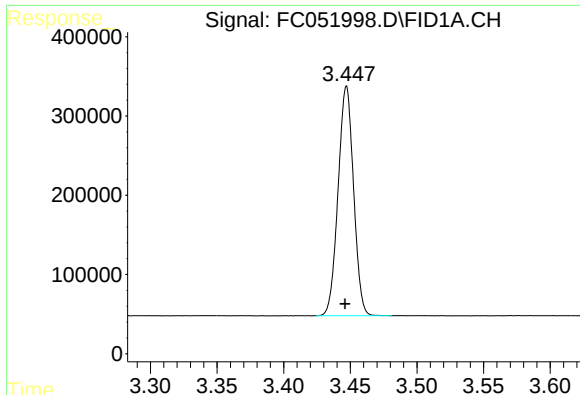
(m)=manual int.

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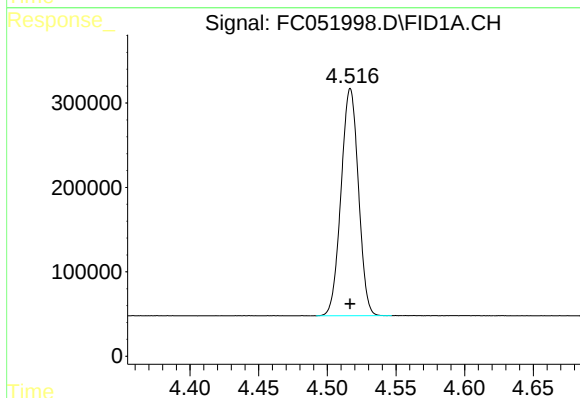
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Signal Info : 20M x 0.18mm x 0.18um





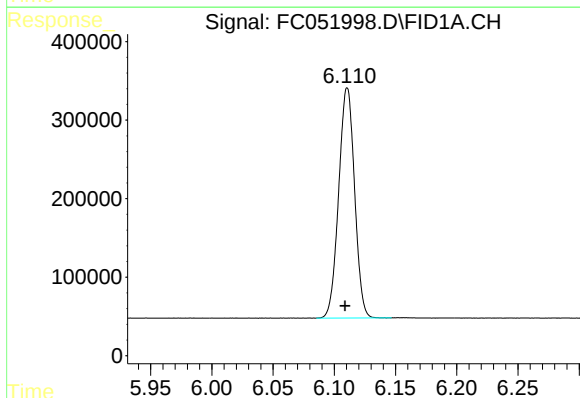
#1 n-Nonane (C9)

R.T.: 3.447 min
Delta R.T.: 0.001 min
Response: 2343258
Conc: 21.38 ug/ml



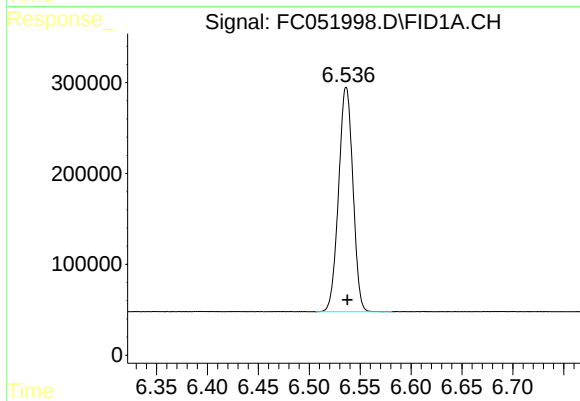
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2371677
Conc: 21.46 ug/ml



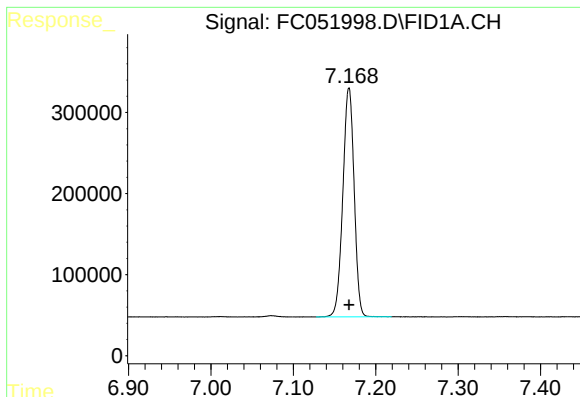
#3 A~Naphthalene (C11.7)

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 2648484
Conc: 21.24 ug/ml



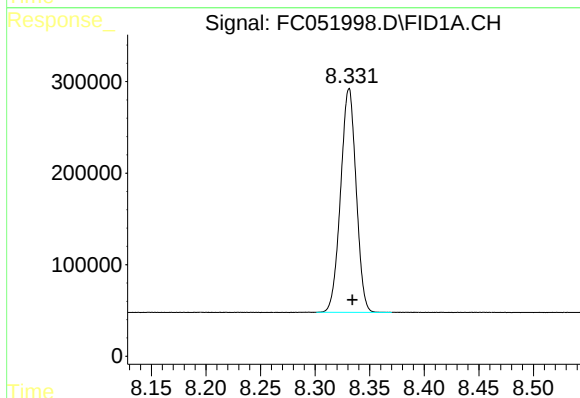
#4 n-Dodecane (C12)

R.T.: 6.536 min
Delta R.T.: -0.001 min
Response: 2421730
Conc: 21.50 ug/ml



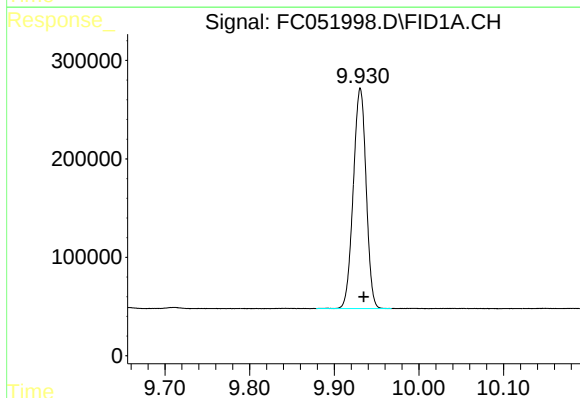
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 2693029
Conc: 21.07 ug/ml



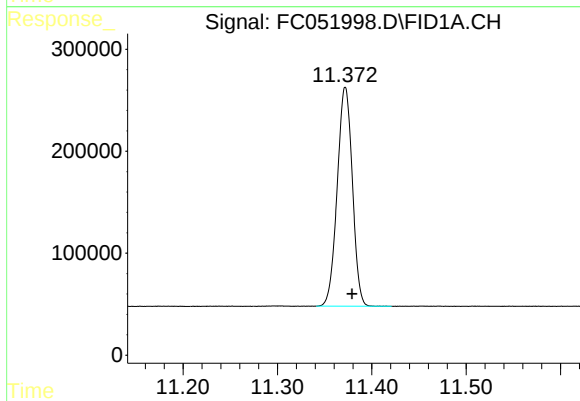
#6 n-Tetradecane (C14)

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 2420075
Conc: 21.25 ug/ml



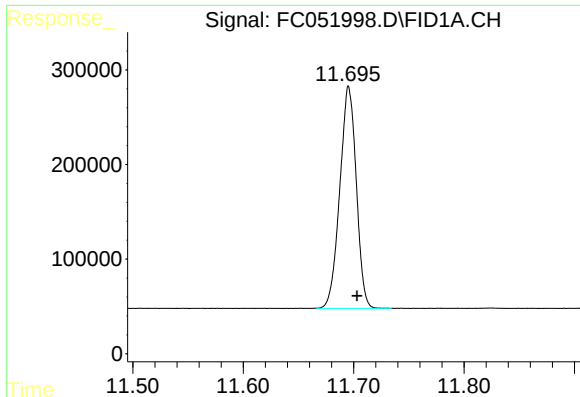
#7 n-Hexadecane (C16)

R.T.: 9.931 min
Delta R.T.: -0.004 min
Response: 2365341
Conc: 20.82 ug/ml



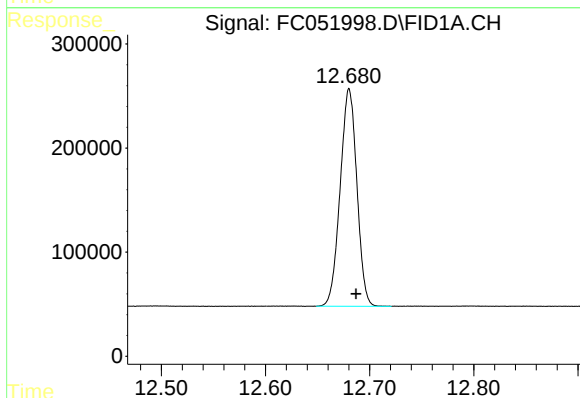
#8 n-Octadecane (C18)

R.T.: 11.372 min
Delta R.T.: -0.007 min
Response: 2394403
Conc: 20.09 ug/ml



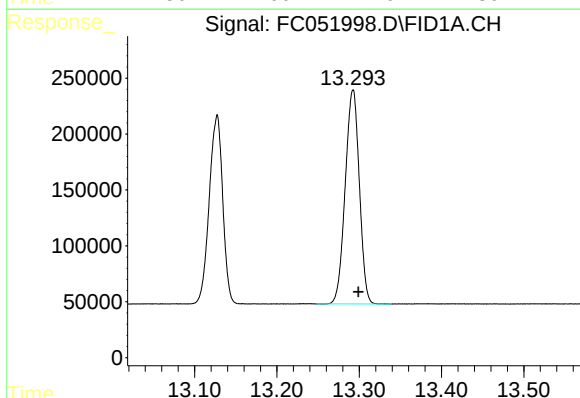
#9 ortho-Terphenyl (SURR)

R.T.: 11.695 min
Delta R.T.: -0.008 min
Response: 2432759
Conc: 19.07 ug/ml



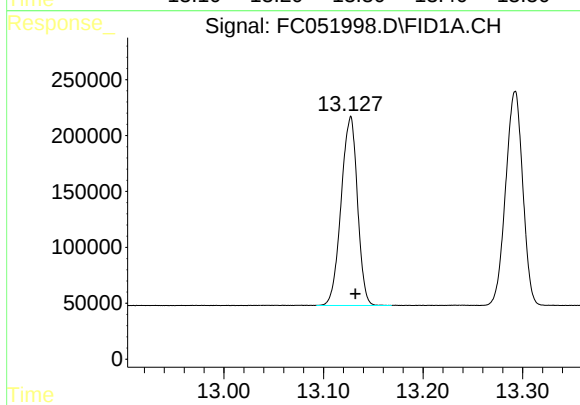
#10 n-Eicosane (C20)

R.T.: 12.680 min
Delta R.T.: -0.007 min
Response: 2329911
Conc: 19.26 ug/ml



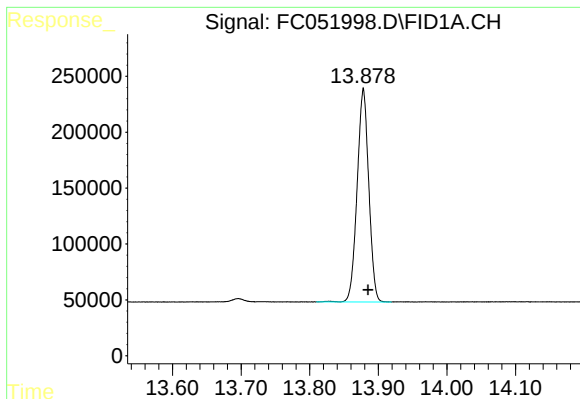
#11 n-Heneicosane (C21)

R.T.: 13.292 min
Delta R.T.: -0.007 min
Response: 2281755
Conc: 18.78 ug/ml



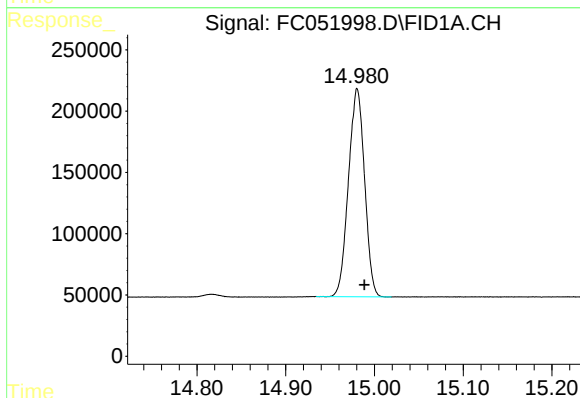
#12 1-chlorooctadecane (SURR)

R.T.: 13.128 min
Delta R.T.: -0.004 min
Response: 1924207
Conc: 18.68 ug/ml



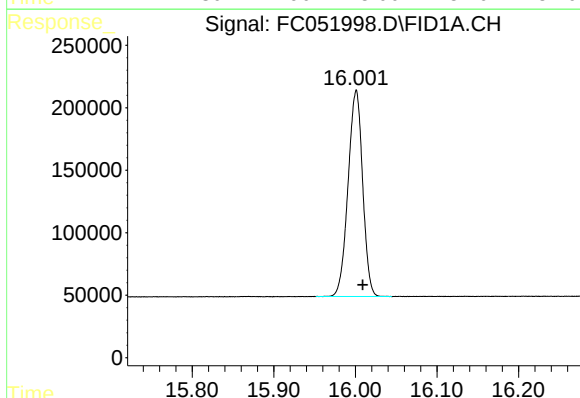
#13 n-Docosane (C22)

R.T.: 13.878 min
Delta R.T.: -0.007 min
Response: 2242991
Conc: 18.44 ug/ml



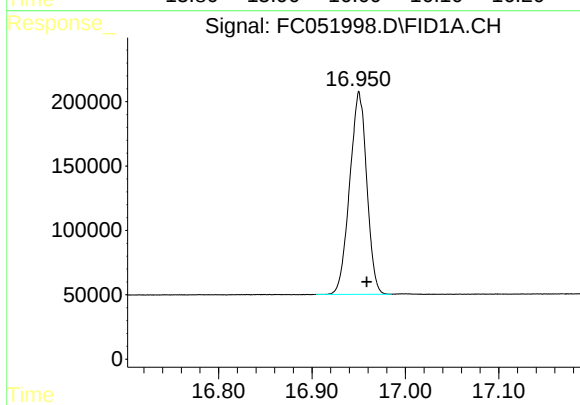
#14 n-Tetracosane (C24)

R.T.: 14.981 min
Delta R.T.: -0.008 min
Response: 2144647
Conc: 17.60 ug/ml



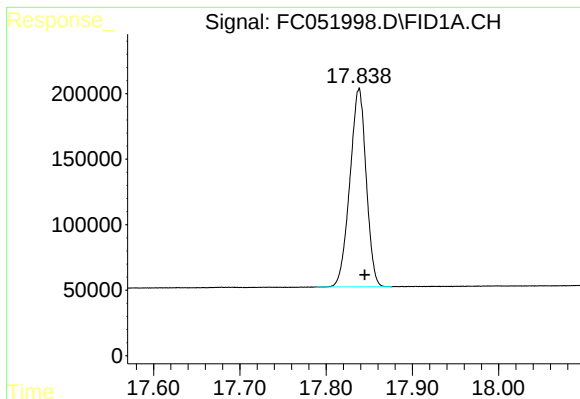
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: -0.008 min
Response: 2048611
Conc: 17.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.008 min
Response: 1996975
Conc: 17.07 ug/ml



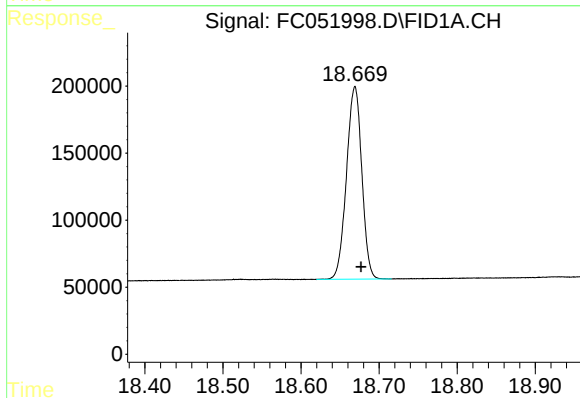
#17 n-Tricontane (C30)

R.T.: 17.838 min

Delta R.T.: -0.007 min

Response: 1988619

Conc: 17.71 ug/ml



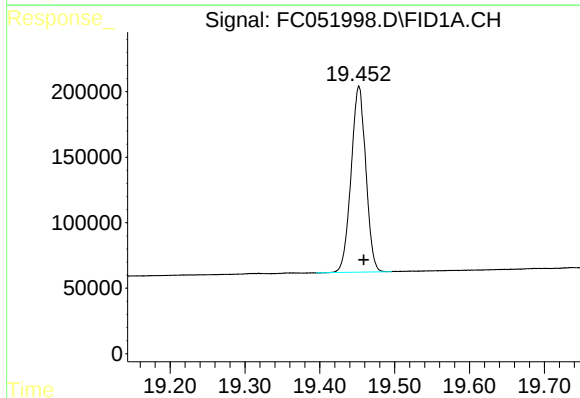
#18 n-Dotriacontane (C32)

R.T.: 18.669 min

Delta R.T.: -0.008 min

Response: 1955726

Conc: 18.90 ug/ml



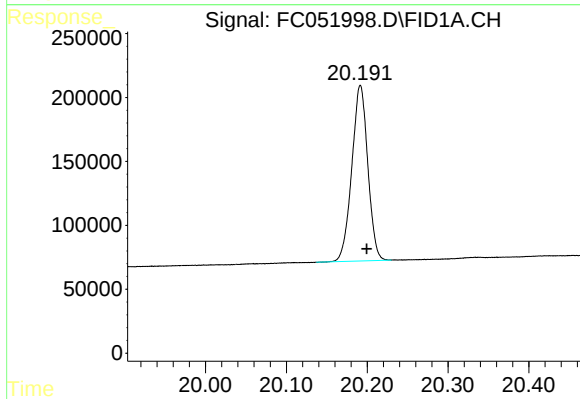
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min

Delta R.T.: -0.006 min

Response: 1935752

Conc: 20.45 ug/ml



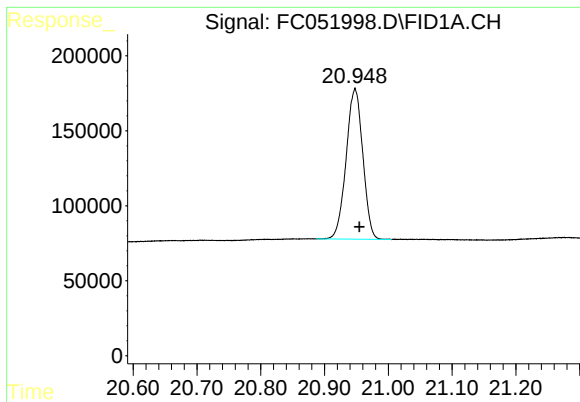
#20 n-Hexatriacontane (C36)

R.T.: 20.192 min

Delta R.T.: -0.008 min

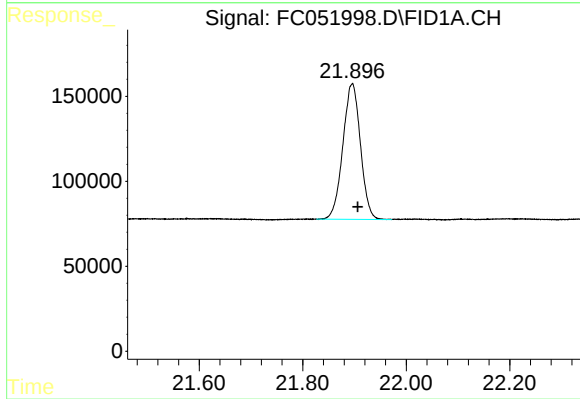
Response: 1882388

Conc: 21.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: -0.007 min
Response: 1818560
Conc: 22.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.896 min
Delta R.T.: -0.010 min
Response: 1883253
Conc: 22.04 ug/ml