

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051221AL\
 Data File : FC053658.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2021 8:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 13 02:12:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.526	2677827	19.342 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
12) S 1-chlorooctadecane (S...	12.967	2097839	18.809 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T n-Nonane (C9)	3.287	2384902	20.192 ug/ml
2) T n-Decane (C10)	4.351	2438198	20.590 ug/ml
3) T A~Naphthalene (C11.7)	5.934	2704233	20.754 ug/ml
4) T n-Dodecane (C12)	6.369	2508778	20.733 ug/ml
5) T A~2-methylnaphthalene...	6.991	2766041	20.921 ug/ml
6) T n-Tetradecane (C14)	8.166	2538347	20.837 ug/ml
7) T n-Hexadecane (C16)	9.768	2516640	20.548 ug/ml
8) T n-Octadecane (C18)	11.212	2593520	19.914 ug/ml
10) T n-Eicosane (C20)	12.522	2565522	19.383 ug/ml
11) T n-Heneicosane (C21)	13.135	2522378	18.992 ug/ml
13) T n-Docosane (C22)	13.722	2488550	18.709 ug/ml
14) T n-Tetracosane (C24)	14.826	2399226	17.974 ug/ml
15) T n-Hexacosane (C26)	15.848	2247558	17.000 ug/ml
16) T n-Octacosane (C28)	16.800	2146241	16.395 ug/ml
17) T n-Tricontane (C30)	17.688	2072977	15.893 ug/ml
18) T n-Dotriacontane (C32)	18.521	1994292	15.805 ug/ml
19) T n-Tetratriacontane (C34)	19.306	1951438	16.016 ug/ml
20) T n-Hexatriacontane (C36)	20.046	1849368	15.818 ug/ml
21) T n-Octatriacontane (C38)	20.776	1794039	17.439 ug/ml
22) T n-Tetracontane (C40)	21.669	1940512	19.474 ug/ml

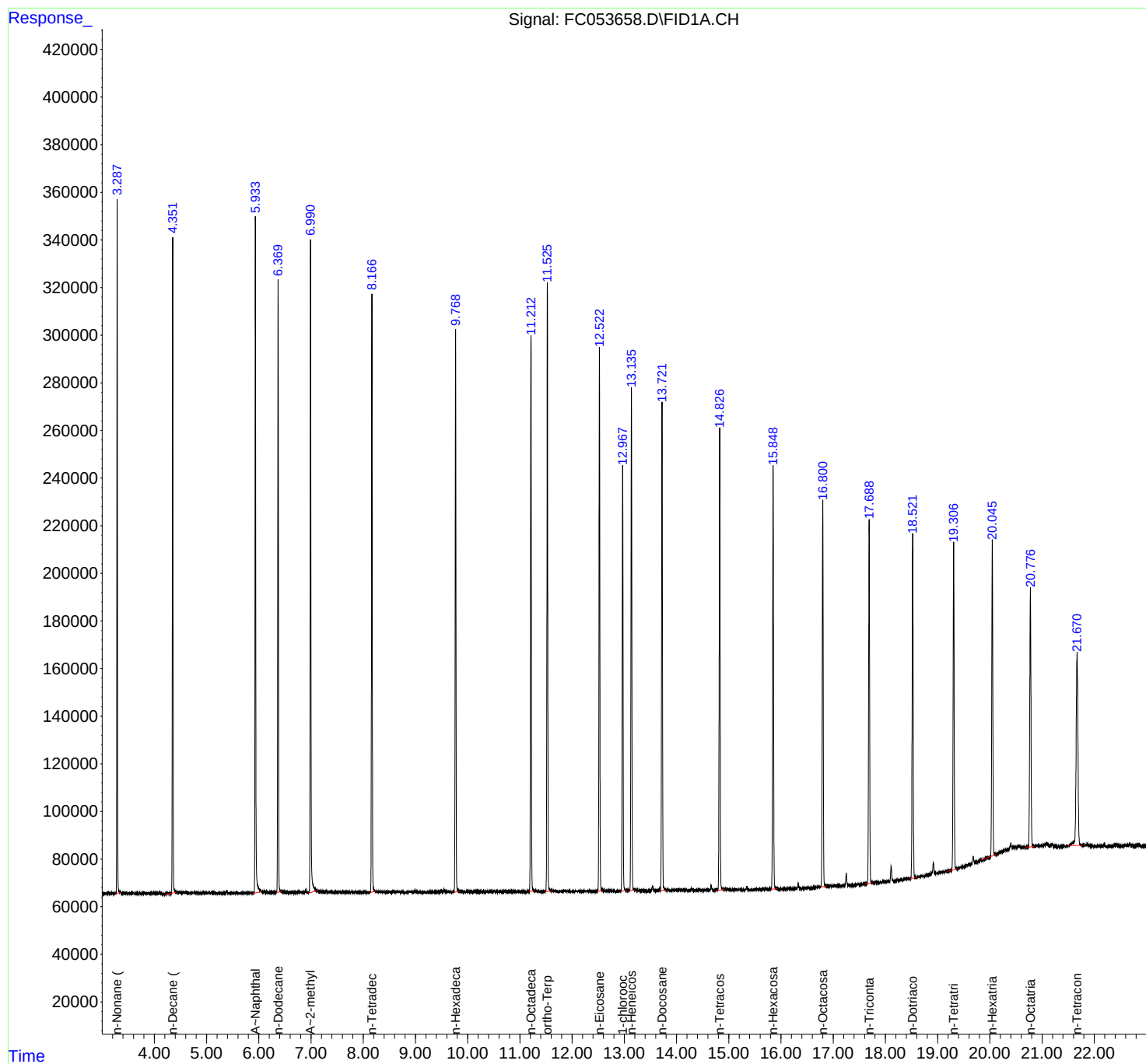
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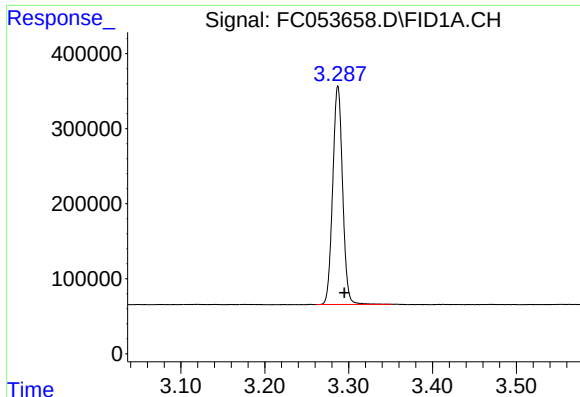
(m)=manual int.

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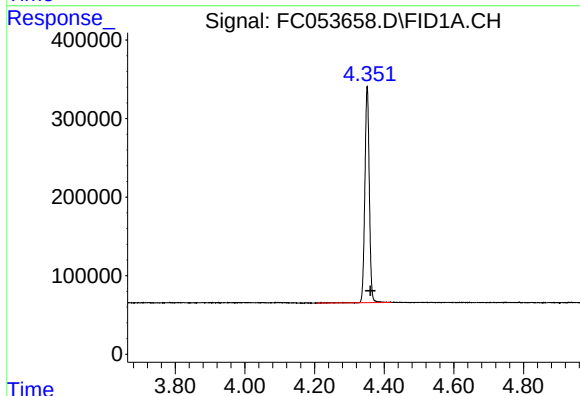
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





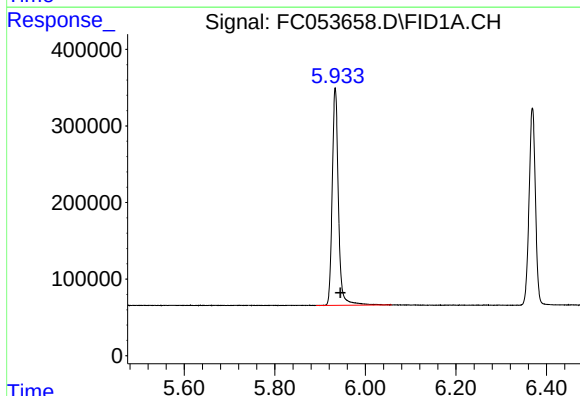
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: -0.008 min
Response: 2384902
Conc: 20.19 ug/ml



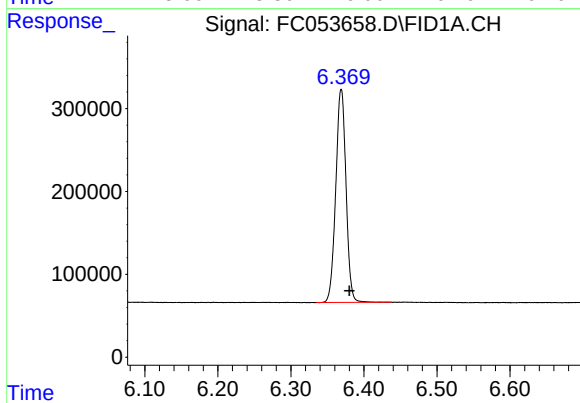
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.010 min
Response: 2438198
Conc: 20.59 ug/ml



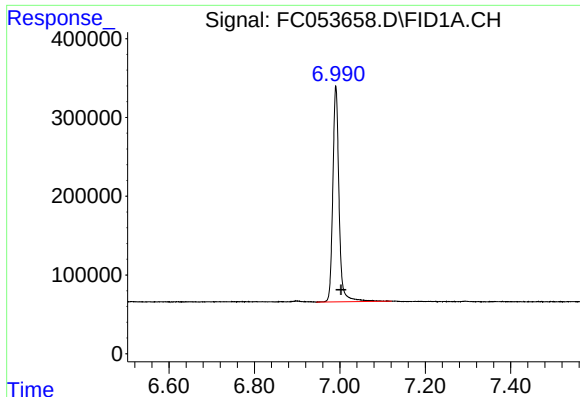
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.011 min
Response: 2704233
Conc: 20.75 ug/ml



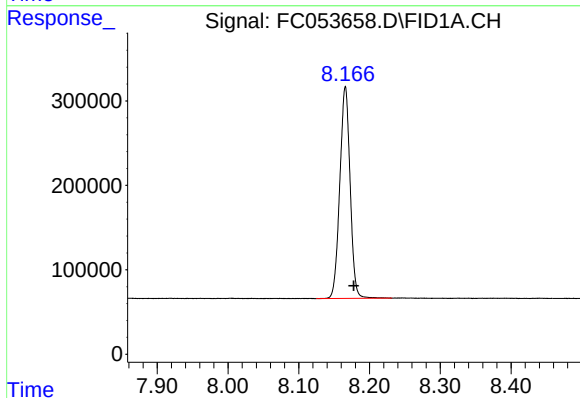
#4 n-Dodecane (C12)

R.T.: 6.369 min
Delta R.T.: -0.011 min
Response: 2508778
Conc: 20.73 ug/ml



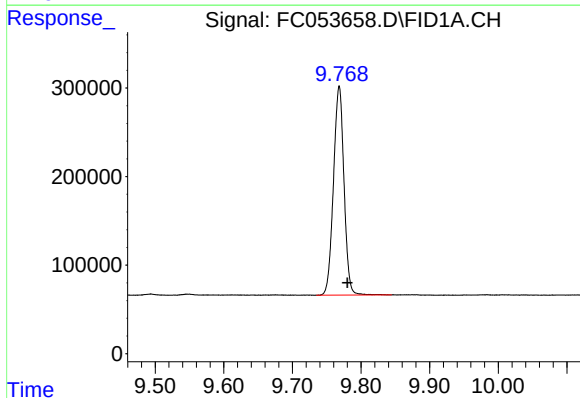
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.012 min
Response: 2766041
Conc: 20.92 ug/ml



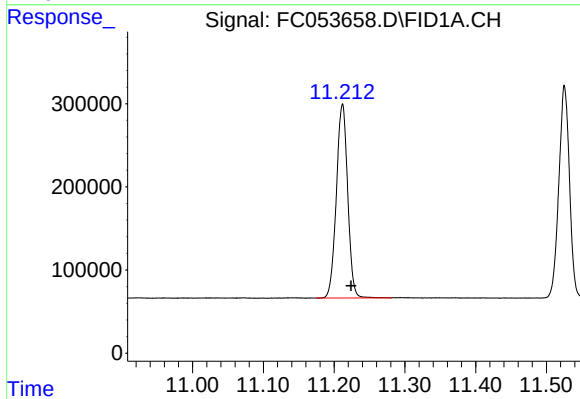
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.012 min
Response: 2538347
Conc: 20.84 ug/ml



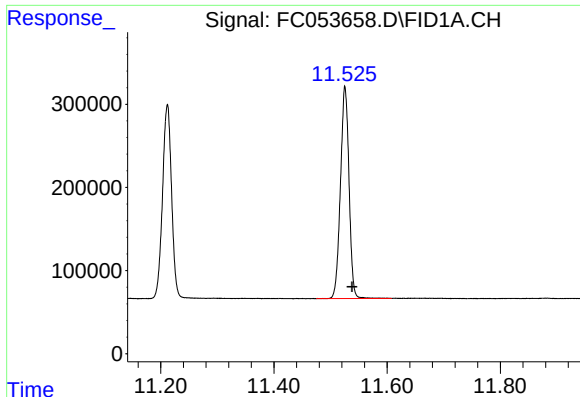
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: -0.012 min
Response: 2516640
Conc: 20.55 ug/ml



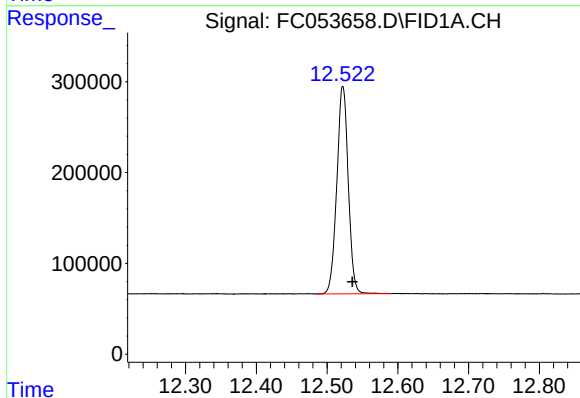
#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: -0.013 min
Response: 2593520
Conc: 19.91 ug/ml



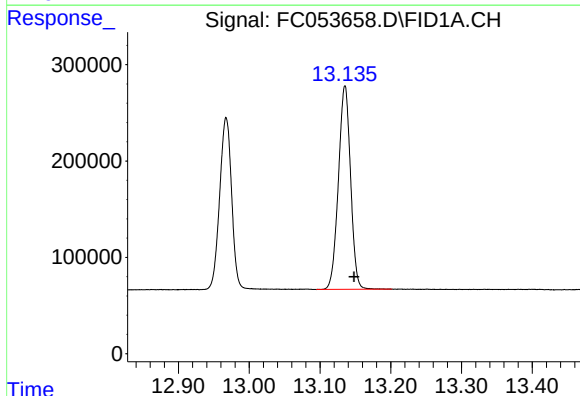
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: -0.013 min
Response: 2677827
Conc: 19.34 ug/ml



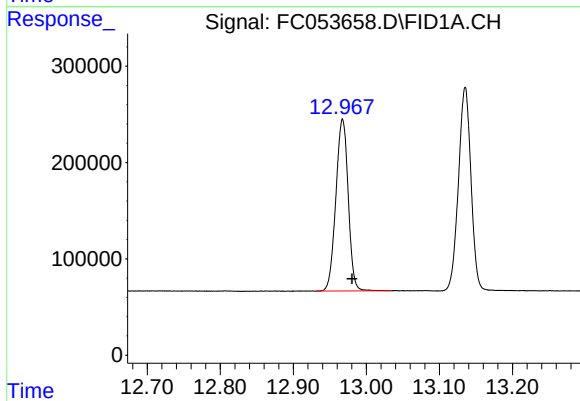
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: -0.013 min
Response: 2565522
Conc: 19.38 ug/ml



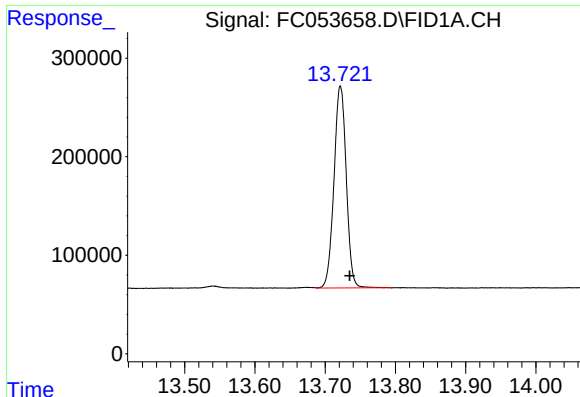
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.013 min
Response: 2522378
Conc: 18.99 ug/ml



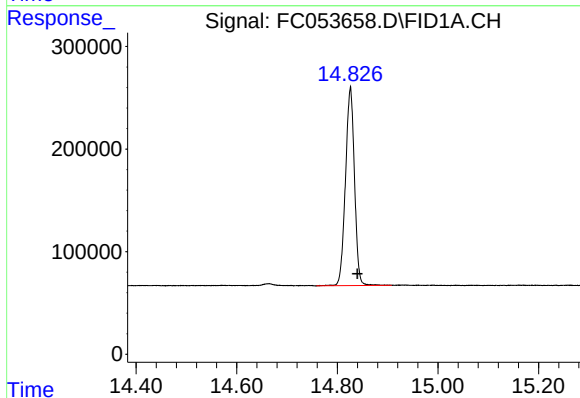
#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.013 min
Response: 2097839
Conc: 18.81 ug/ml



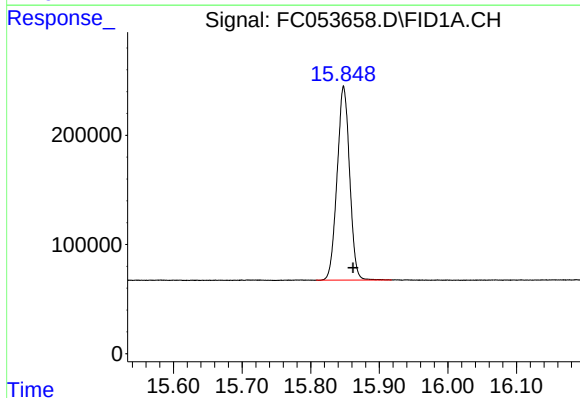
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: -0.013 min
Response: 2488550
Conc: 18.71 ug/ml



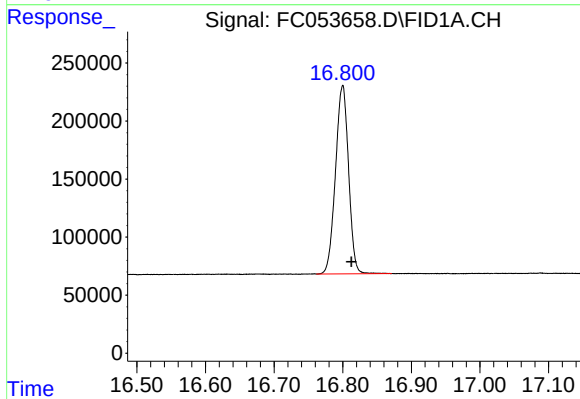
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: -0.014 min
Response: 2399226
Conc: 17.97 ug/ml



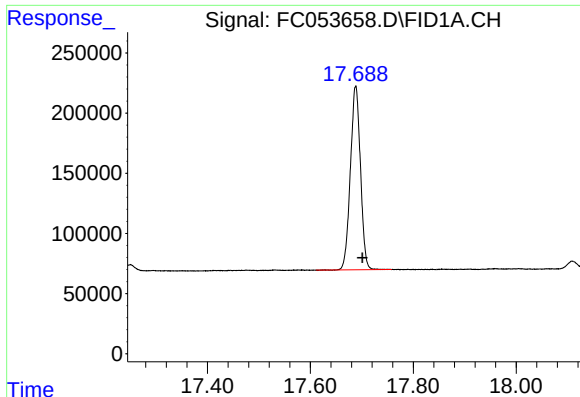
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.014 min
Response: 2247558
Conc: 17.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.013 min
Response: 2146241
Conc: 16.40 ug/ml



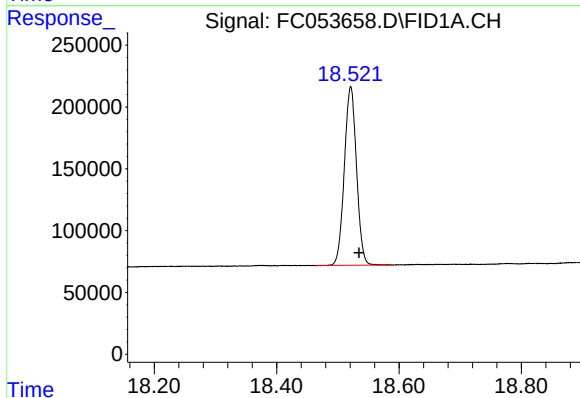
#17 n-Tricontane (C30)

R.T.: 17.688 min

Delta R.T.: -0.013 min

Response: 2072977

Conc: 15.89 ug/ml



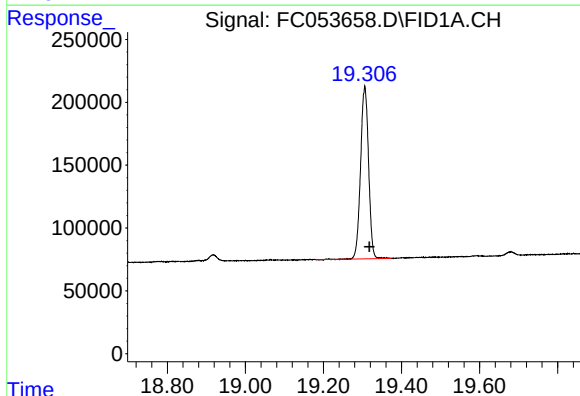
#18 n-Dotriacontane (C32)

R.T.: 18.521 min

Delta R.T.: -0.014 min

Response: 1994292

Conc: 15.81 ug/ml



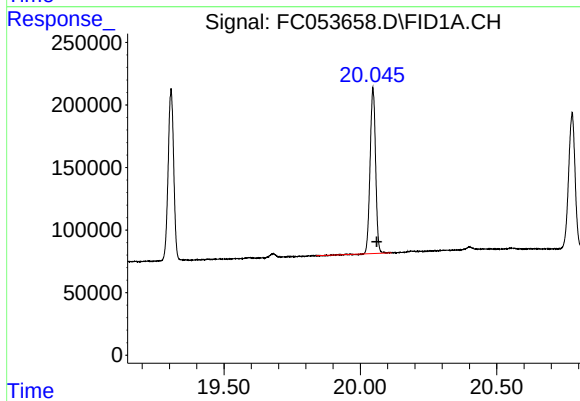
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min

Delta R.T.: -0.012 min

Response: 1951438

Conc: 16.02 ug/ml



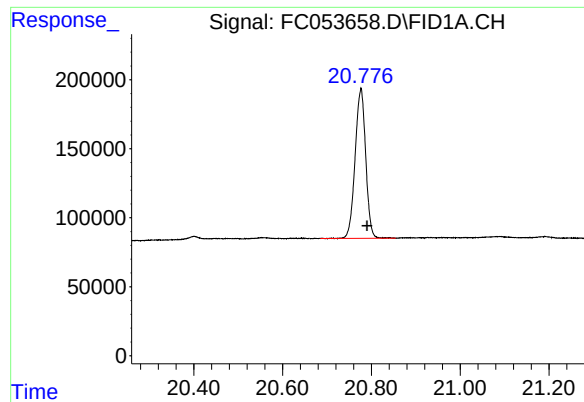
#20 n-Hexatriacontane (C36)

R.T.: 20.046 min

Delta R.T.: -0.013 min

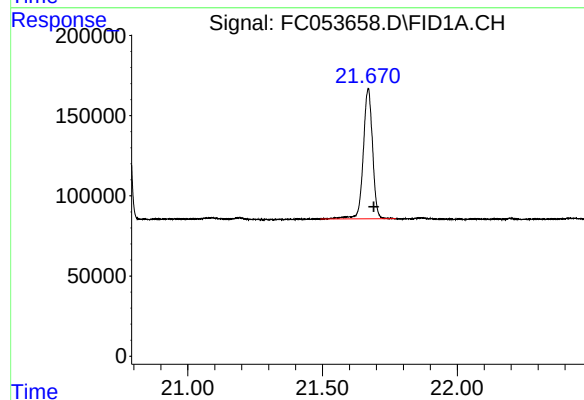
Response: 1849368

Conc: 15.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.776 min
Delta R.T.: -0.014 min
Response: 1794039
Conc: 17.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.669 min
Delta R.T.: -0.021 min
Response: 1940512
Conc: 19.47 ug/ml