

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021721AL\
 Data File : FC052068.D
 Signal(s) : FID1A.CH
 Acq On : 18 Feb 2021 00:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 18 01:44:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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)	11.694	2634711	21.707 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
12) S 1-chlorooctadecane (S...	13.125	2103058	21.419 ug/ml
Spiked Amount 50.000		Recovery =	42.84%
Target Compounds			
1) T n-Nonane (C9)	3.448	2270623	21.488 ug/ml
2) T n-Decane (C10)	4.518	2308919	21.667 ug/ml
3) T A~Naphthalene (C11.7)	6.110	2615274	21.867 ug/ml
4) T n-Dodecane (C12)	6.535	2365341	21.874 ug/ml
5) T A~2-methylnaphthalene...	7.167	2684749	22.002 ug/ml
6) T n-Tetradecane (C14)	8.330	2390058	22.008 ug/ml
7) T n-Hexadecane (C16)	9.930	2373137	21.990 ug/ml
8) T n-Octadecane (C18)	11.371	2472305	21.868 ug/ml
10) T n-Eicosane (C20)	12.679	2485656	21.643 ug/ml
11) T n-Heneicosane (C21)	13.291	2474866	21.474 ug/ml
13) T n-Docosane (C22)	13.877	2462924	21.249 ug/ml
14) T n-Tetracosane (C24)	14.979	2424257	20.703 ug/ml
15) T n-Hexacosane (C26)	15.999	2339386	20.009 ug/ml
16) T n-Octacosane (C28)	16.948	2258291	19.202 ug/ml
17) T n-Tricontane (C30)	17.834	2180190	18.445 ug/ml
18) T n-Dotriacontane (C32)	18.666	2077215	17.713 ug/ml
19) T n-Tetratriacontane (C34)	19.449	1989287	17.176 ug/ml
20) T n-Hexatriacontane (C36)	20.189	1895142	17.033 ug/ml
21) T n-Octatriacontane (C38)	20.944	1828591	17.855 ug/ml
22) T n-Tetracontane (C40)	21.890	1873276	18.173 ug/ml

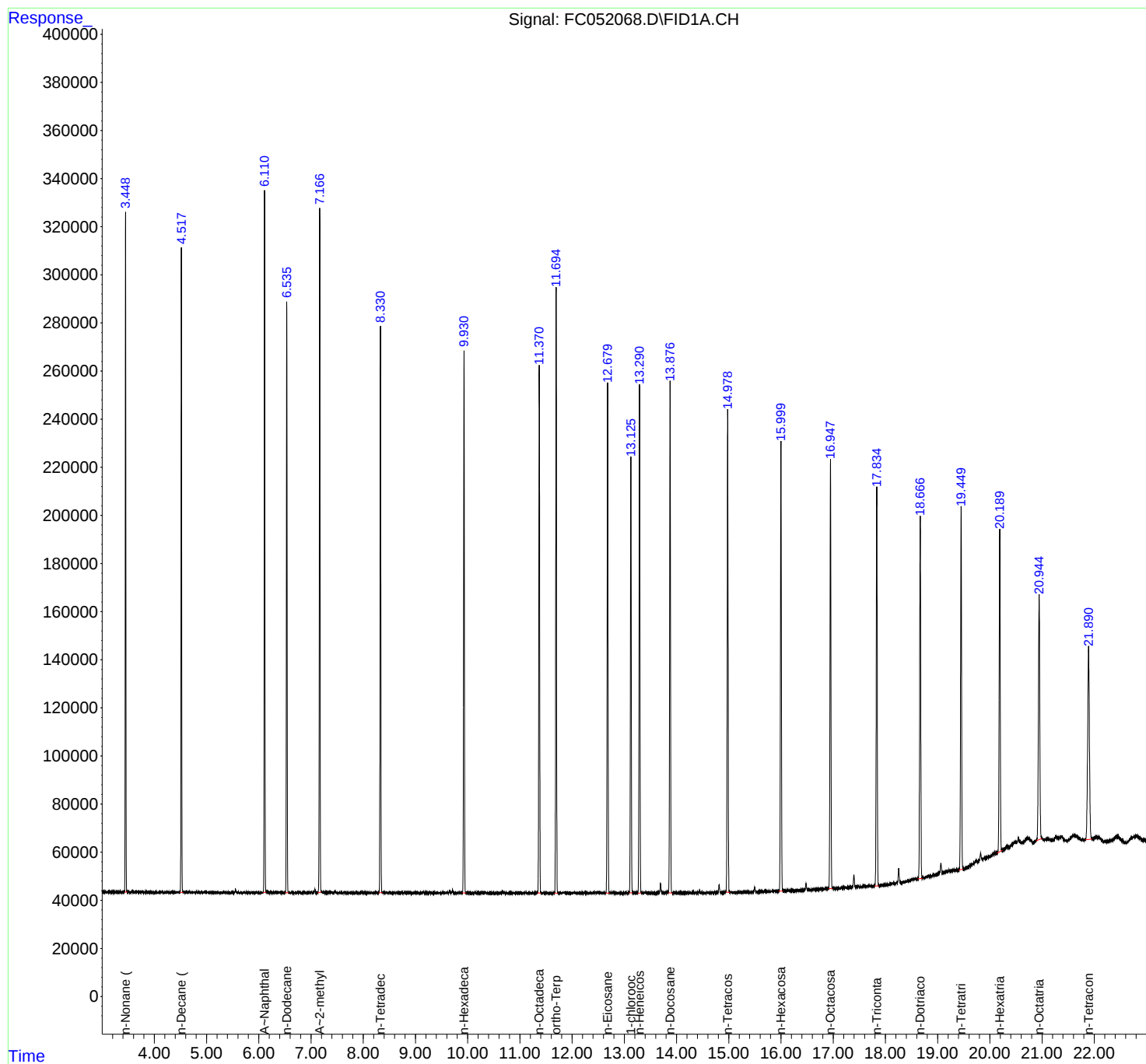
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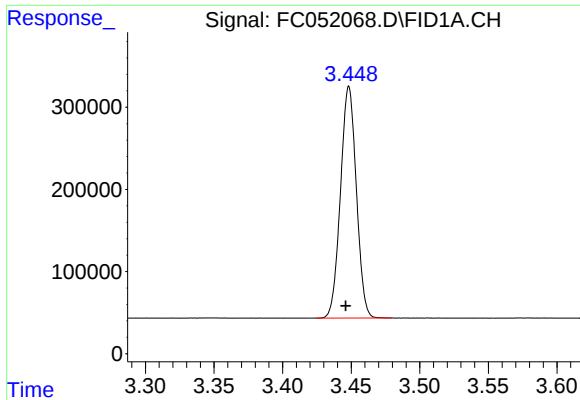
(m)=manual int.

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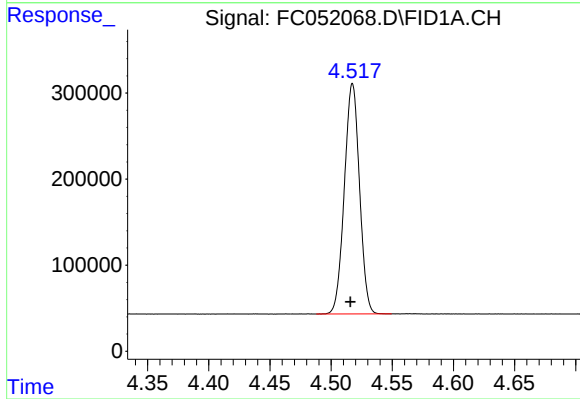
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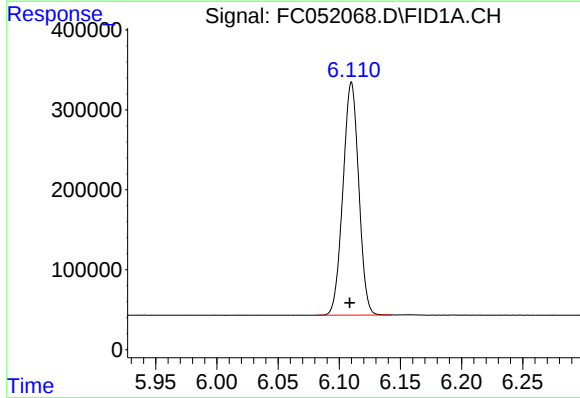
#1 n-Nonane (C9)

R.T.: 3.448 min
Delta R.T.: 0.002 min
Response: 2270623
Conc: 21.49 ug/ml



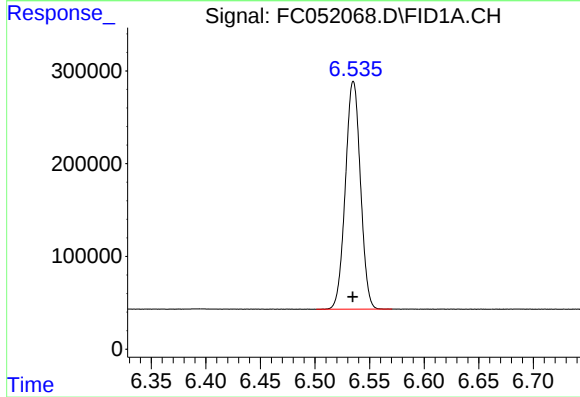
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 2308919
Conc: 21.67 ug/ml



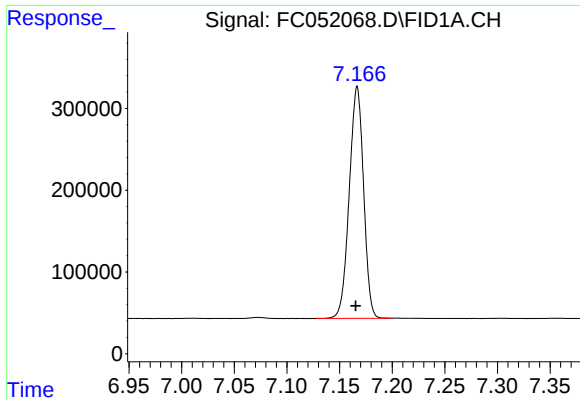
#3 A~Naphthalene (C11.7)

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 2615274
Conc: 21.87 ug/ml



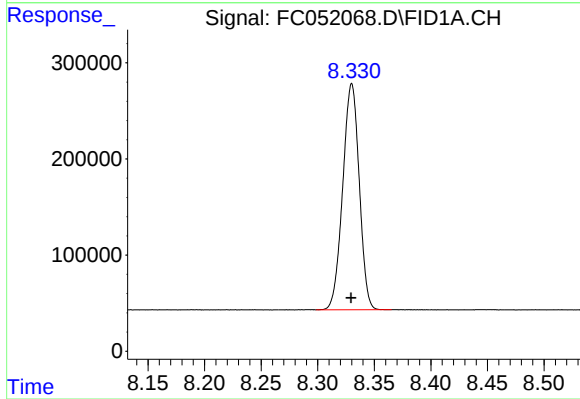
#4 n-Dodecane (C12)

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 2365341
Conc: 21.87 ug/ml



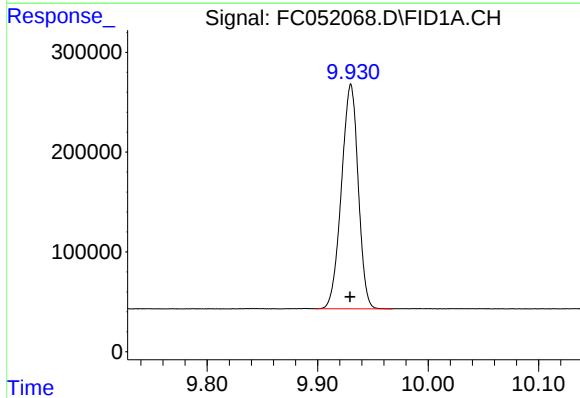
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.167 min
Delta R.T.: 0.002 min
Response: 2684749
Conc: 22.00 ug/ml



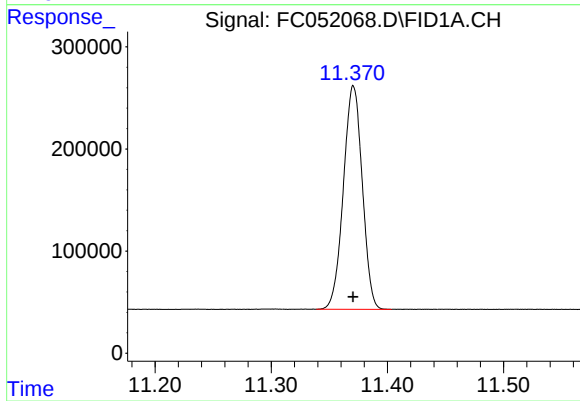
#6 n-Tetradecane (C14)

R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 2390058
Conc: 22.01 ug/ml



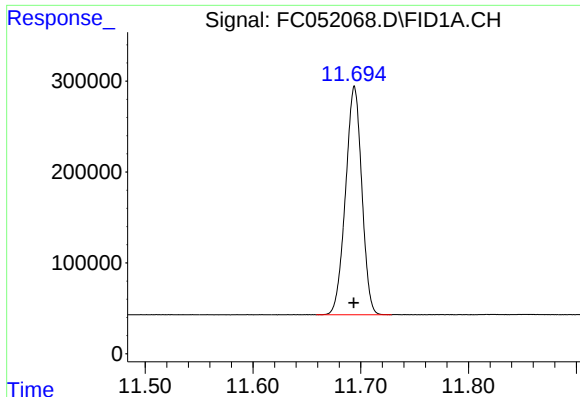
#7 n-Hexadecane (C16)

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 2373137
Conc: 21.99 ug/ml



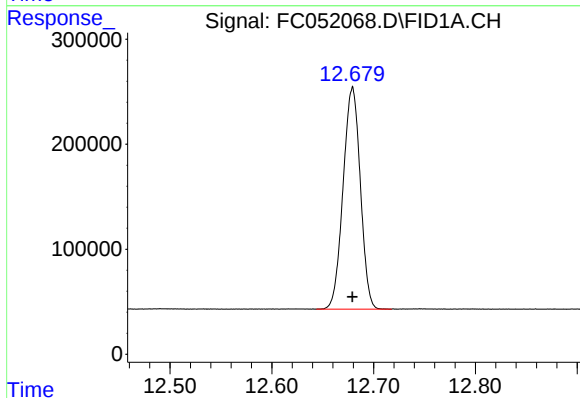
#8 n-Octadecane (C18)

R.T.: 11.371 min
Delta R.T.: 0.000 min
Response: 2472305
Conc: 21.87 ug/ml



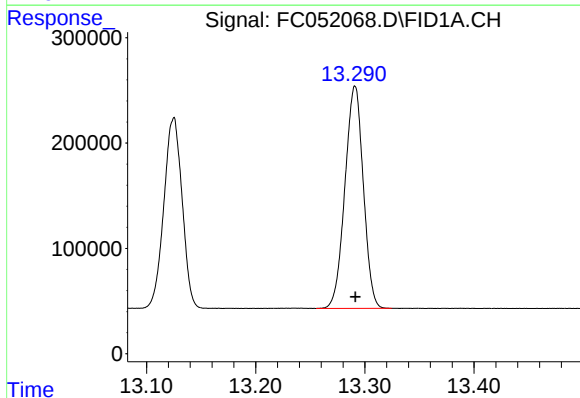
#9 ortho-Terphenyl (SURR)

R.T.: 11.694 min
Delta R.T.: 0.000 min
Response: 2634711
Conc: 21.71 ug/ml



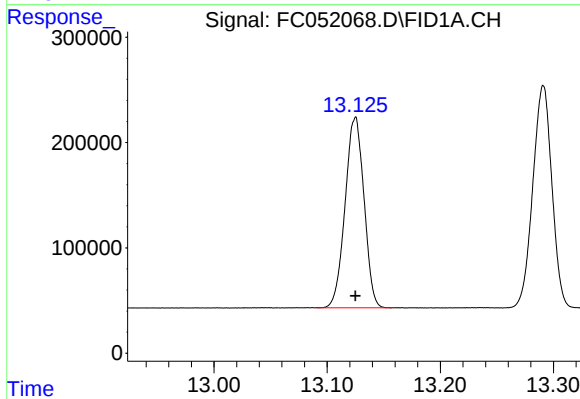
#10 n-Eicosane (C20)

R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 2485656
Conc: 21.64 ug/ml



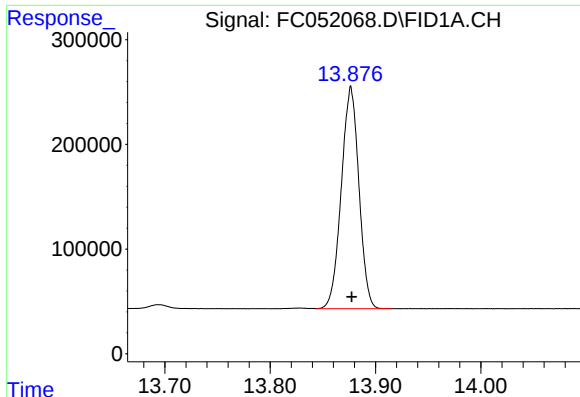
#11 n-Heneicosane (C21)

R.T.: 13.291 min
Delta R.T.: 0.000 min
Response: 2474866
Conc: 21.47 ug/ml



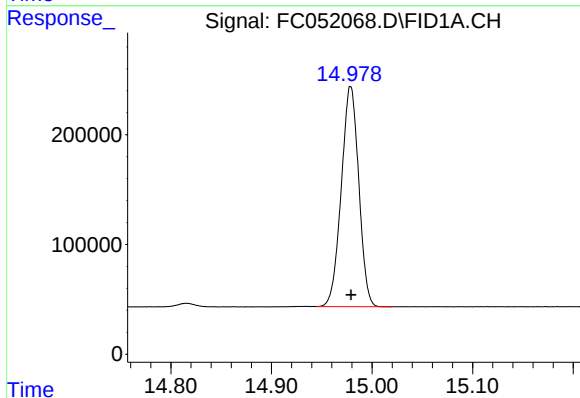
#12 1-chlorooctadecane (SURR)

R.T.: 13.125 min
Delta R.T.: 0.000 min
Response: 2103058
Conc: 21.42 ug/ml



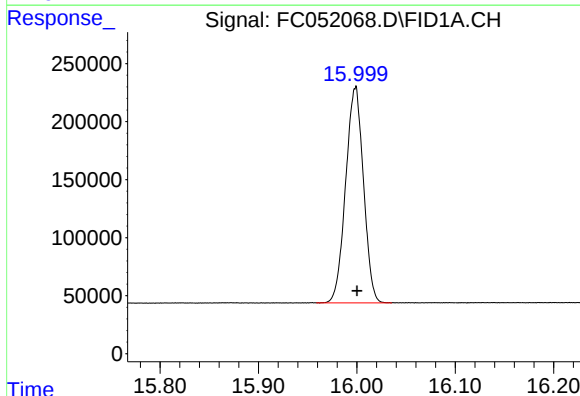
#13 n-Docosane (C22)

R.T.: 13.877 min
Delta R.T.: 0.000 min
Response: 2462924
Conc: 21.25 ug/ml



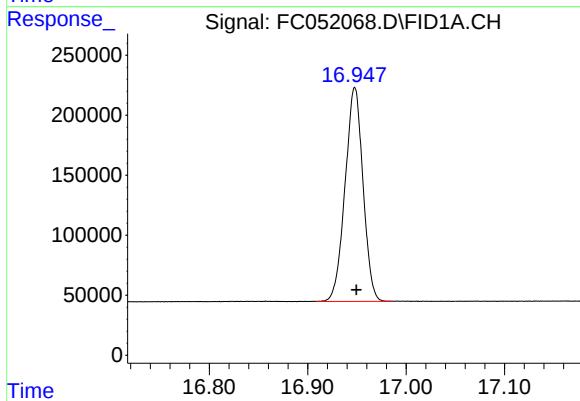
#14 n-Tetracosane (C24)

R.T.: 14.979 min
Delta R.T.: 0.000 min
Response: 2424257
Conc: 20.70 ug/ml



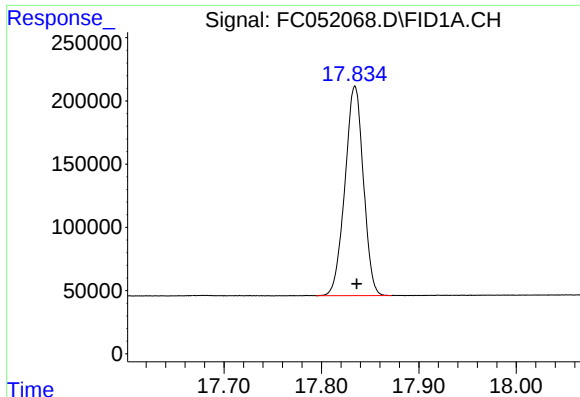
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.002 min
Response: 2339386
Conc: 20.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: -0.001 min
Response: 2258291
Conc: 19.20 ug/ml



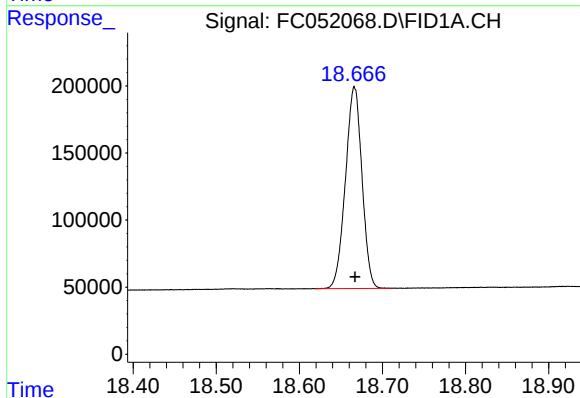
#17 n-Tricontane (C30)

R.T.: 17.834 min

Delta R.T.: -0.002 min

Response: 2180190

Conc: 18.45 ug/ml



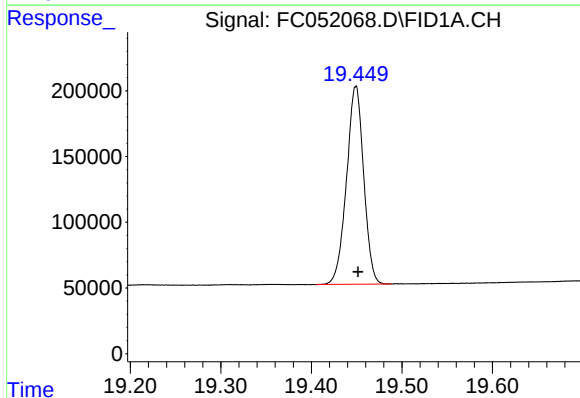
#18 n-Dotriacontane (C32)

R.T.: 18.666 min

Delta R.T.: 0.000 min

Response: 2077215

Conc: 17.71 ug/ml



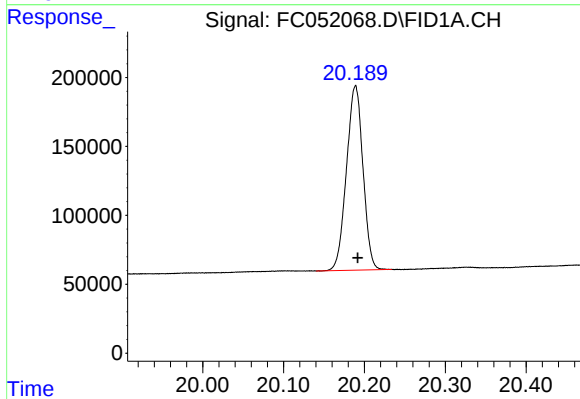
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min

Delta R.T.: -0.003 min

Response: 1989287

Conc: 17.18 ug/ml



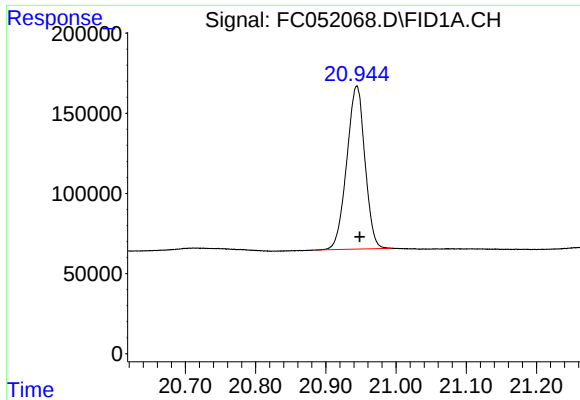
#20 n-Hexatriacontane (C36)

R.T.: 20.189 min

Delta R.T.: -0.003 min

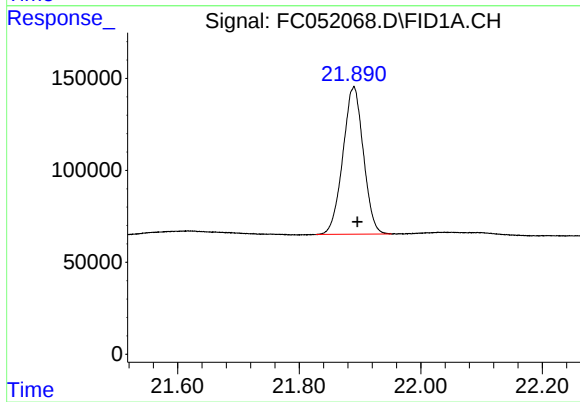
Response: 1895142

Conc: 17.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.944 min
Delta R.T.: -0.004 min
Response: 1828591
Conc: 17.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.890 min
Delta R.T.: -0.006 min
Response: 1873276
Conc: 18.17 ug/ml