

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020821AL\
 Data File : FC051915.D
 Signal(s) : FID1A.CH
 Acq On : 08 Feb 2021 9:56
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 09 00:11:36 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)	11.694	2399752	18.811 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
12) S 1-chlorooctadecane (S...	13.124	1906707	18.511 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T n-Nonane (C9)	3.446	2199572	20.065 ug/ml
2) T n-Decane (C10)	4.516	2244400	20.307 ug/ml
3) T A~Naphthalene (C11.7)	6.109	2517140	20.188 ug/ml
4) T n-Dodecane (C12)	6.535	2294659	20.372 ug/ml
5) T A~2-methylnaphthalene...	7.166	2570287	20.108 ug/ml
6) T n-Tetradecane (C14)	8.330	2309456	20.277 ug/ml
7) T n-Hexadecane (C16)	9.930	2269765	19.980 ug/ml
8) T n-Octadecane (C18)	11.371	2336410	19.599 ug/ml
10) T n-Eicosane (C20)	12.678	2318576	19.167 ug/ml
11) T n-Heneicosane (C21)	13.290	2276116	18.736 ug/ml
13) T n-Docosane (C22)	13.877	2309477	18.990 ug/ml
14) T n-Tetracosane (C24)	14.980	2332683	19.140 ug/ml
15) T n-Hexacosane (C26)	15.998	2274154	18.999 ug/ml
16) T n-Octacosane (C28)	16.947	2206321	18.858 ug/ml
17) T n-Tricontane (C30)	17.834	2144226	19.097 ug/ml
18) T n-Dotriacontane (C32)	18.666	2000721	19.336 ug/ml
19) T n-Tetratriacontane (C34)	19.449	1859975	19.653 ug/ml
20) T n-Hexatriacontane (C36)	20.189	1792768	20.587 ug/ml
21) T n-Octatriacontane (C38)	20.944	1707243	20.802 ug/ml
22) T n-Tetracontane (C40)	21.888	1781334	20.850 ug/ml

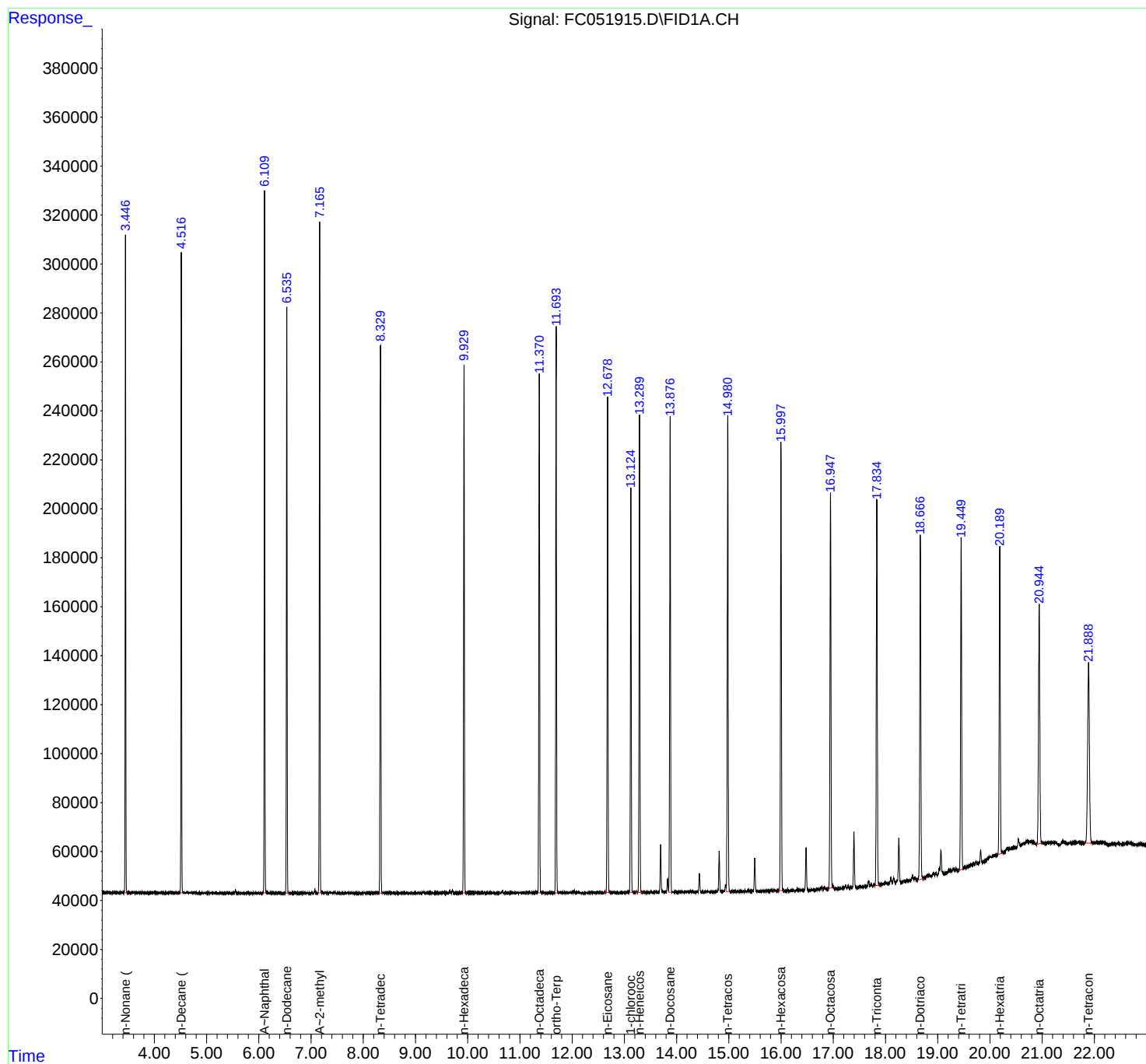
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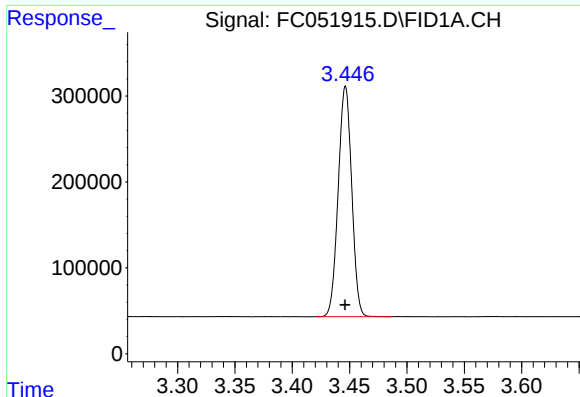
(m)=manual int.

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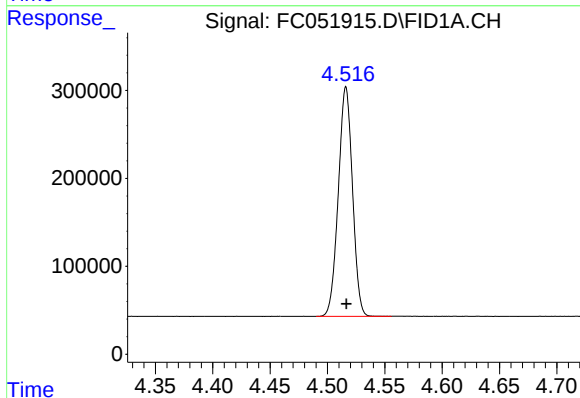
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





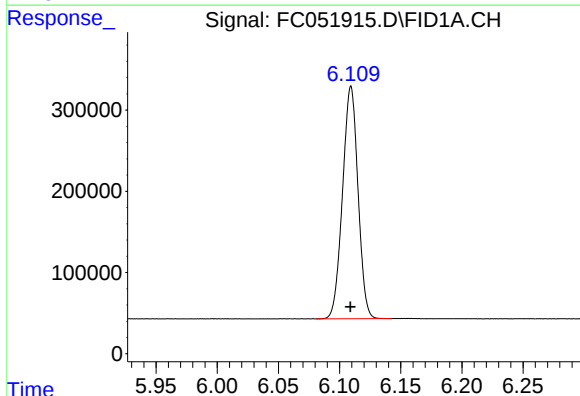
#1 n-Nonane (C9)

R.T.: 3.446 min
Delta R.T.: 0.000 min
Response: 2199572
Conc: 20.07 ug/ml



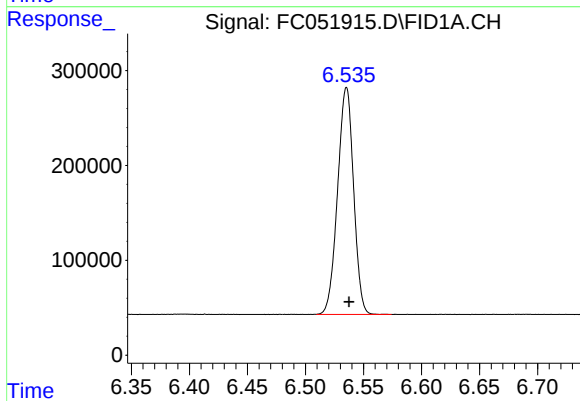
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2244400
Conc: 20.31 ug/ml



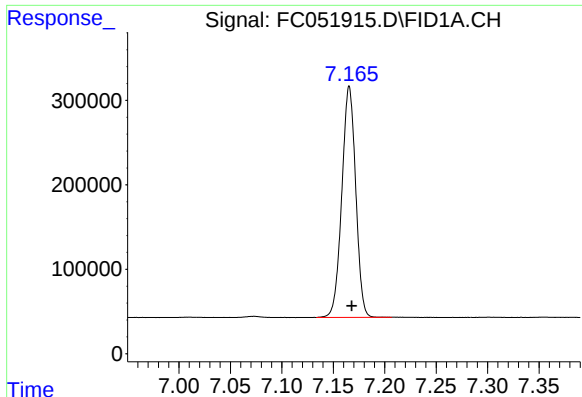
#3 A~Naphthalene (C11.7)

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 2517140
Conc: 20.19 ug/ml



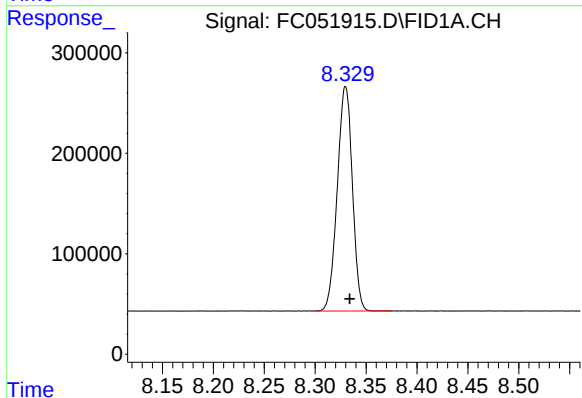
#4 n-Dodecane (C12)

R.T.: 6.535 min
Delta R.T.: -0.002 min
Response: 2294659
Conc: 20.37 ug/ml



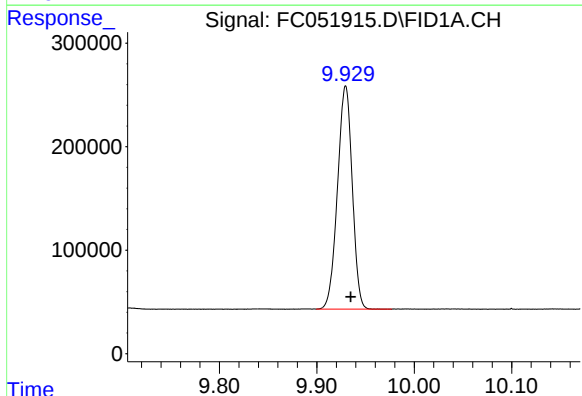
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.166 min
Delta R.T.: -0.002 min
Response: 2570287
Conc: 20.11 ug/ml



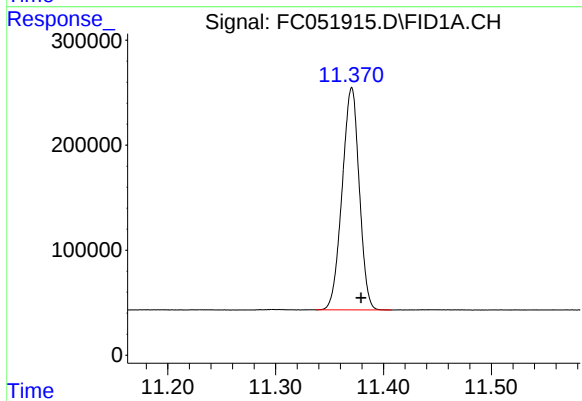
#6 n-Tetradecane (C14)

R.T.: 8.330 min
Delta R.T.: -0.004 min
Response: 2309456
Conc: 20.28 ug/ml



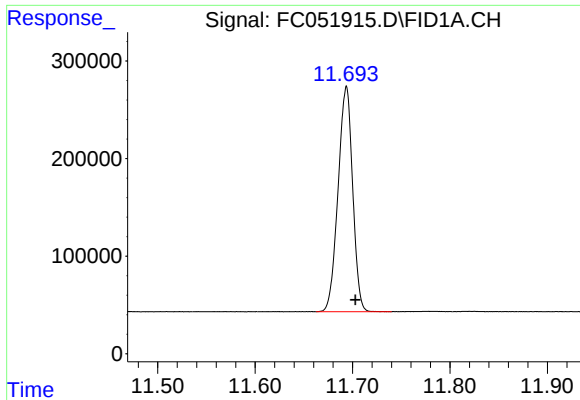
#7 n-Hexadecane (C16)

R.T.: 9.930 min
Delta R.T.: -0.005 min
Response: 2269765
Conc: 19.98 ug/ml



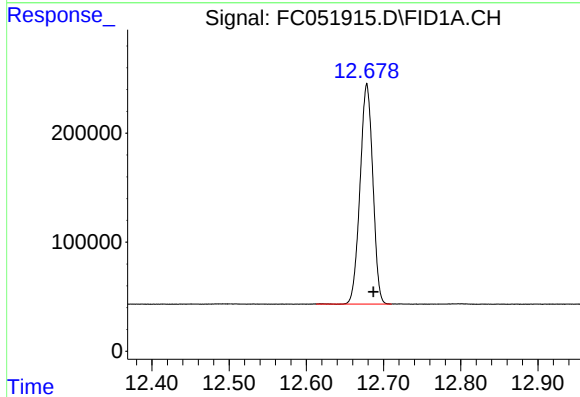
#8 n-Octadecane (C18)

R.T.: 11.371 min
Delta R.T.: -0.008 min
Response: 2336410
Conc: 19.60 ug/ml



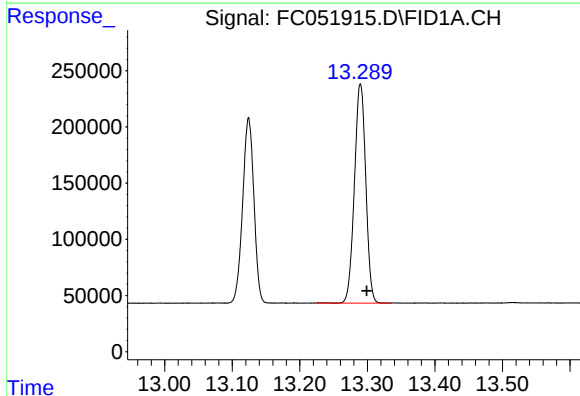
#9 ortho-Terphenyl (SURR)

R.T.: 11.694 min
Delta R.T.: -0.009 min
Response: 2399752
Conc: 18.81 ug/ml



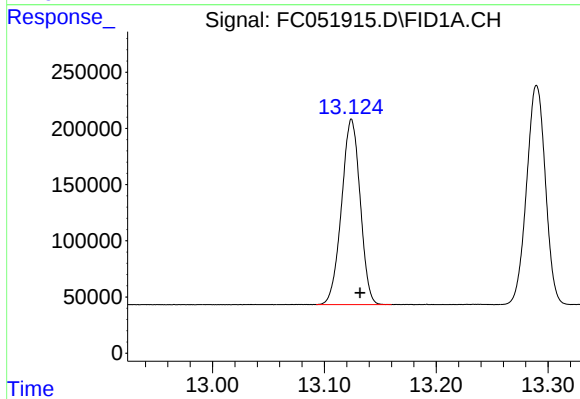
#10 n-Eicosane (C20)

R.T.: 12.678 min
Delta R.T.: -0.008 min
Response: 2318576
Conc: 19.17 ug/ml



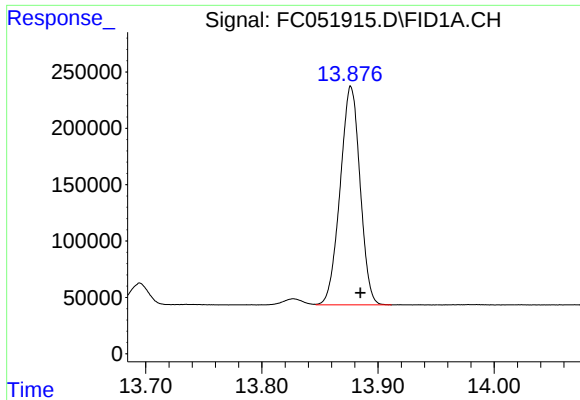
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: -0.009 min
Response: 2276116
Conc: 18.74 ug/ml



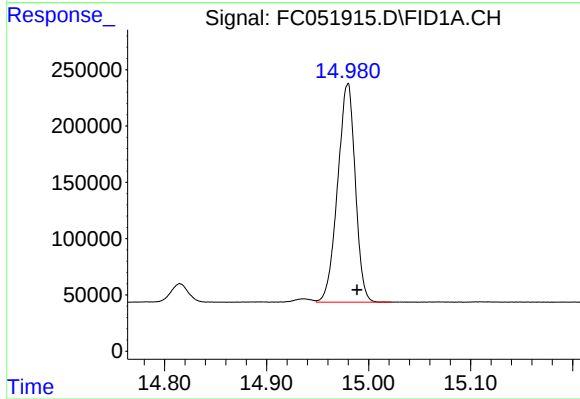
#12 1-chlorooctadecane (SURR)

R.T.: 13.124 min
Delta R.T.: -0.008 min
Response: 1906707
Conc: 18.51 ug/ml



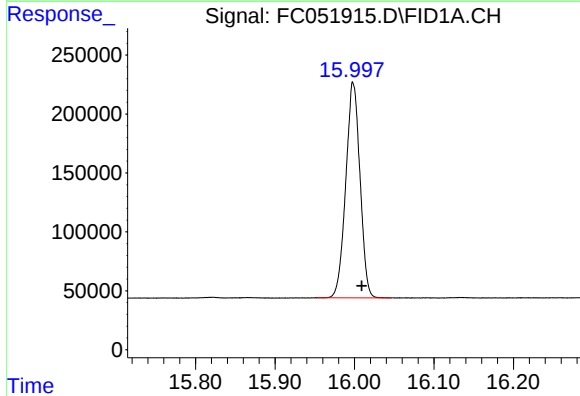
#13 n-Docosane (C22)

R.T.: 13.877 min
Delta R.T.: -0.008 min
Response: 2309477
Conc: 18.99 ug/ml



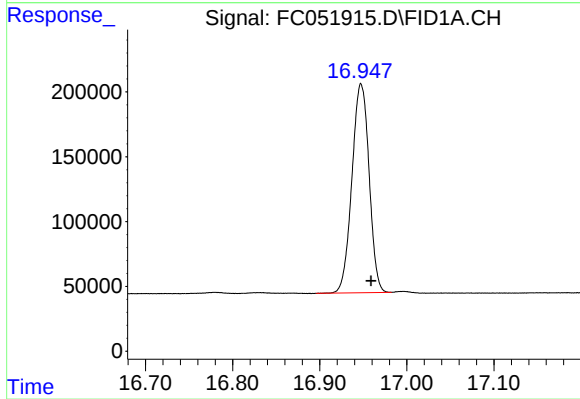
#14 n-Tetracosane (C24)

R.T.: 14.980 min
Delta R.T.: -0.009 min
Response: 2332683
Conc: 19.14 ug/ml



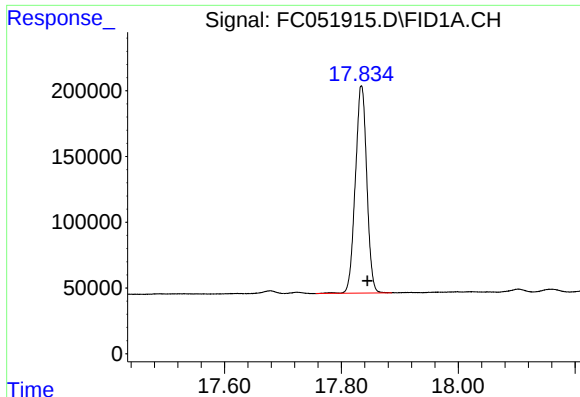
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.011 min
Response: 2274154
Conc: 19.00 ug/ml



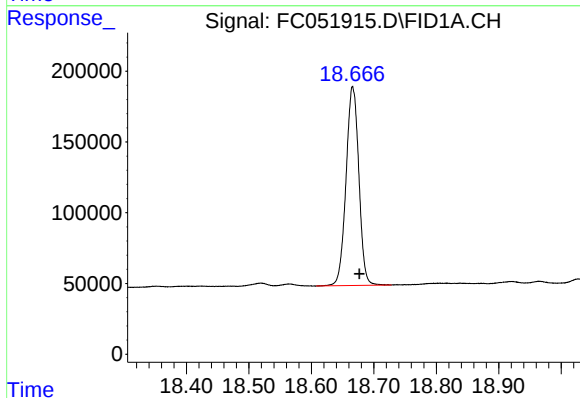
#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: -0.011 min
Response: 2206321
Conc: 18.86 ug/ml



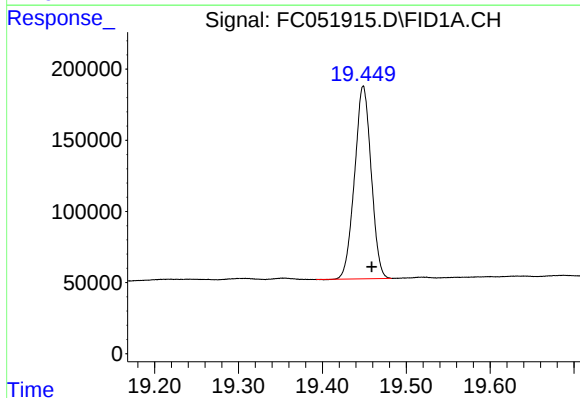
#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: -0.010 min
Response: 2144226
Conc: 19.10 ug/ml



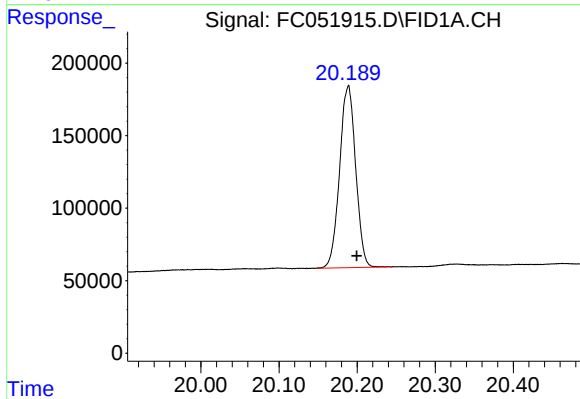
#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: -0.011 min
Response: 2000721
Conc: 19.34 ug/ml



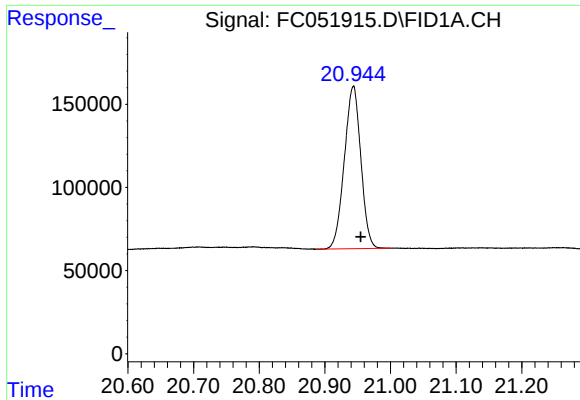
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min
Delta R.T.: -0.010 min
Response: 1859975
Conc: 19.65 ug/ml



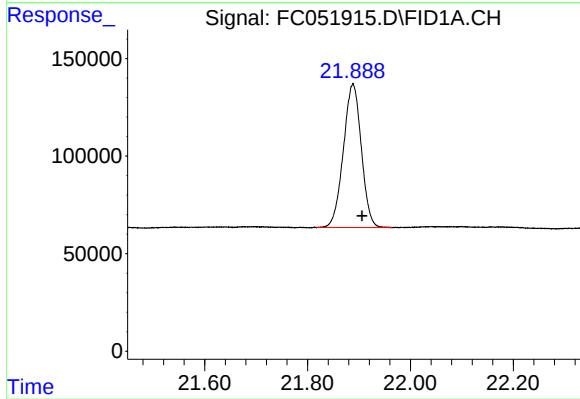
#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: -0.011 min
Response: 1792768
Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.944 min
Delta R.T.: -0.011 min
Response: 1707243
Conc: 20.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.888 min
Delta R.T.: -0.018 min
Response: 1781334
Conc: 20.85 ug/ml