

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070119AL\
 Data File : FC042114.D
 Signal(s) : FID1A.CH
 Acq On : 01 Jul 2019 9:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 12:12:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:03:58 2019
 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)	11.700	2301198	17.297 ug/ml
Spiked Amount 50.000		Recovery =	34.59%
12) S 1-chlorooctadecane (S...	13.124	1830595	16.660 ug/ml
Spiked Amount 50.000		Recovery =	33.32%
Target Compounds			
1) T n-Nonane (C9)	3.492	2279307	19.613 ug/ml
2) T n-Decane (C10)	4.557	2309341	19.625 ug/ml
3) T A~Naphthalene (C11.7)	6.145	2517158	18.939 ug/ml
4) T n-Dodecane (C12)	6.564	2318398	19.522 ug/ml
5) T A~2-methylnaphthalene...	7.195	2492833	18.723 ug/ml
6) T n-Tetradecane (C14)	8.348	2312515	19.136 ug/ml
7) T n-Hexadecane (C16)	9.940	2288893	18.677 ug/ml
8) T n-Octadecane (C18)	11.376	2233229	18.023 ug/ml
10) T n-Eicosane (C20)	12.679	2174307	17.184 ug/ml
11) T n-Heneicosane (C21)	13.289	2126097	16.840 ug/ml
13) T n-Docosane (C22)	13.872	2082402	16.481 ug/ml
14) T n-Tetracosane (C24)	14.972	2004532	15.754 ug/ml
15) T n-Hexacosane (C26)	15.989	1929273	15.539 ug/ml
16) T n-Octacosane (C28)	16.936	1887885	15.494 ug/ml
17) T n-Tricontane (C30)	17.820	1823385	15.643 ug/ml
18) T n-Dotriacontane (C32)	18.651	1703186	15.774 ug/ml
19) T n-Tetratriacontane (C34)	19.430	1505978	17.501 ug/mlm
20) T n-Hexatriacontane (C36)	20.168	1384352	17.860 ug/mlm
21) T n-Octatriacontane (C38)	20.917	1306589	19.759 ug/ml
22) T n-Tetracontane (C40)	21.858	1361822	20.157 ug/ml

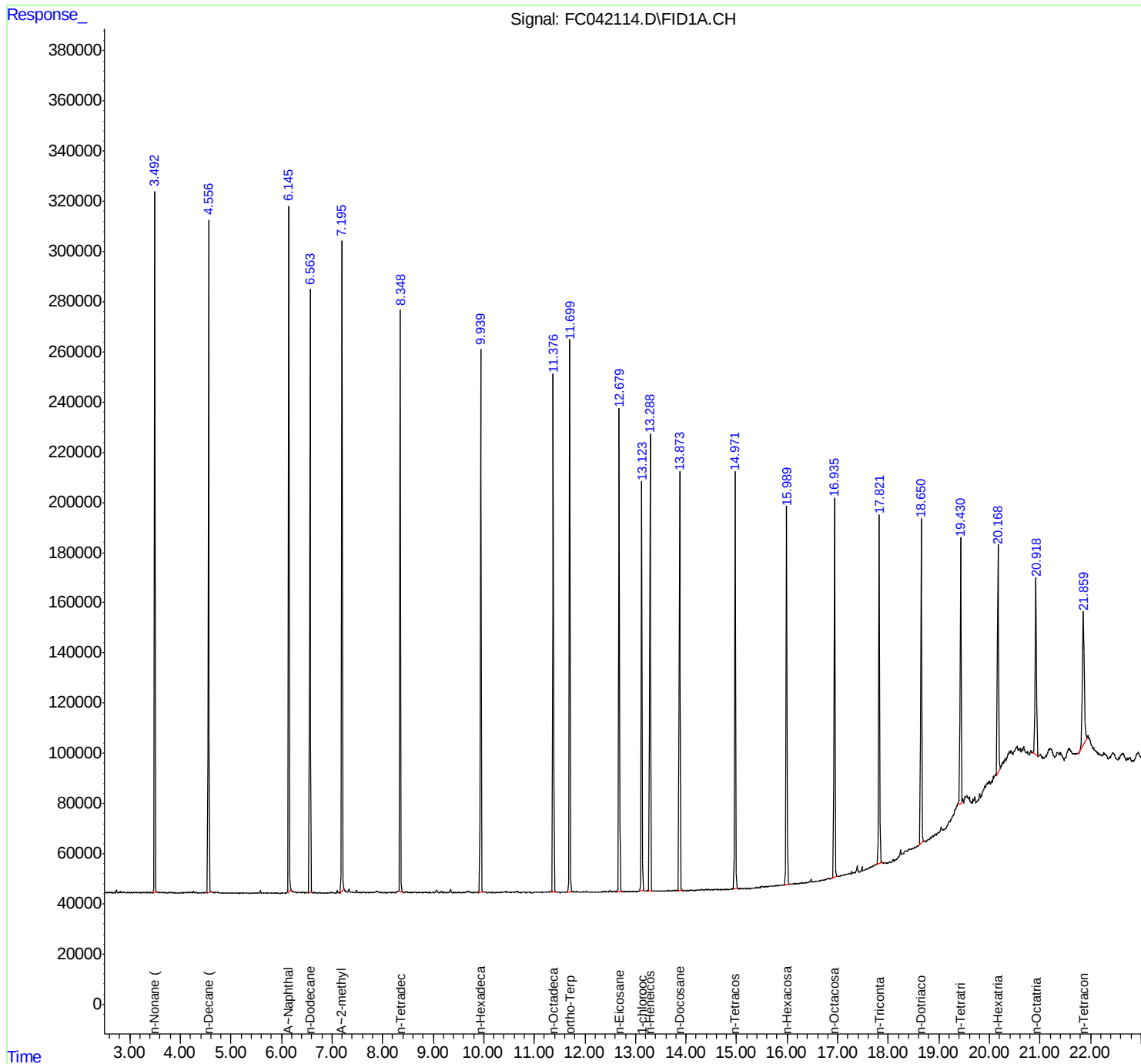
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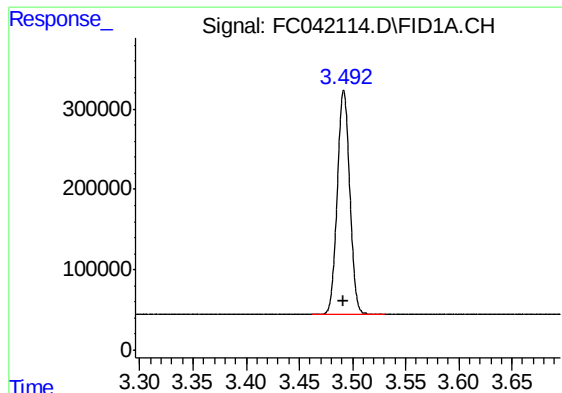
(m)=manual int.

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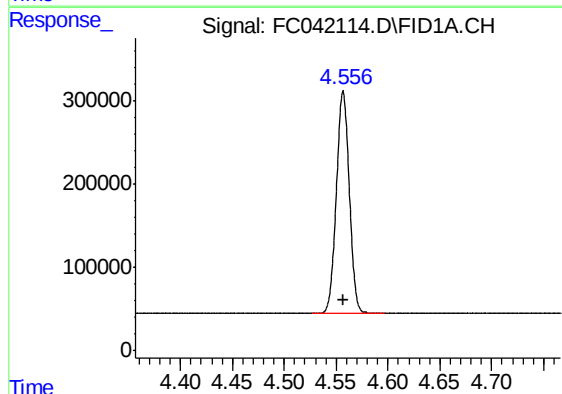
Volume Inj. : 1 ul
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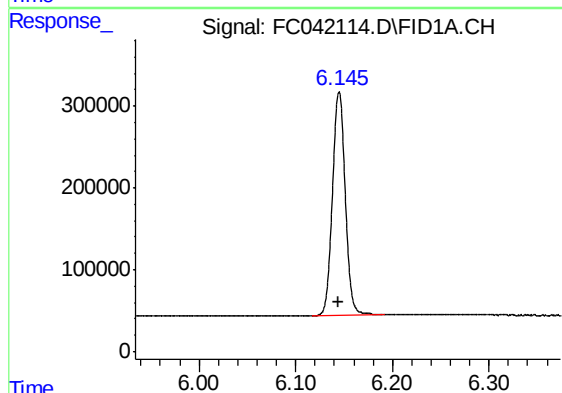
#1 n-Nonane (C9)

R.T.: 3.492 min
Delta R.T.: 0.000 min
Response: 2279307
Conc: 19.61 ug/ml



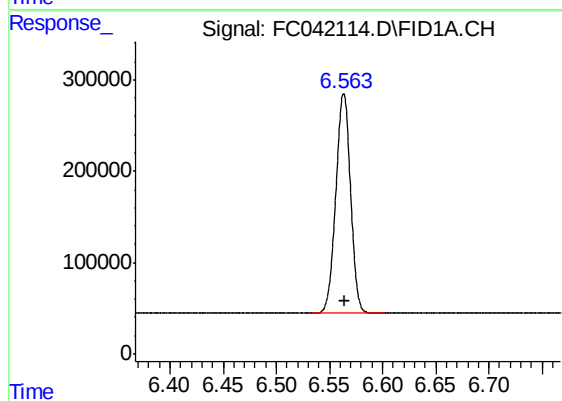
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 2309341
Conc: 19.62 ug/ml



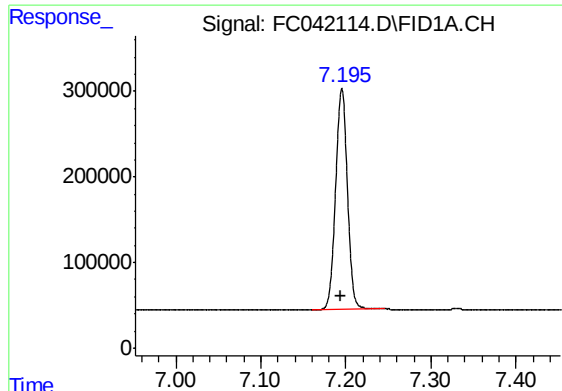
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: 0.001 min
Response: 2517158
Conc: 18.94 ug/ml



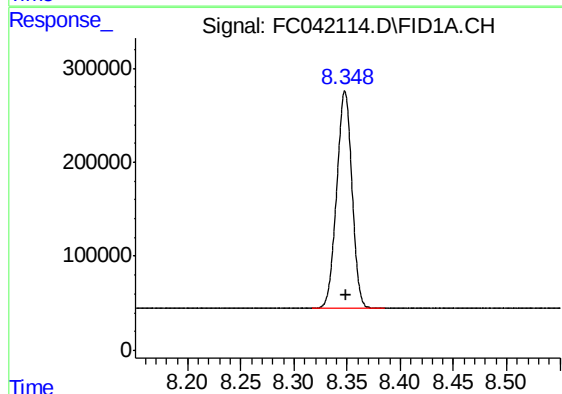
#4 n-Dodecane (C12)

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 2318398
Conc: 19.52 ug/ml



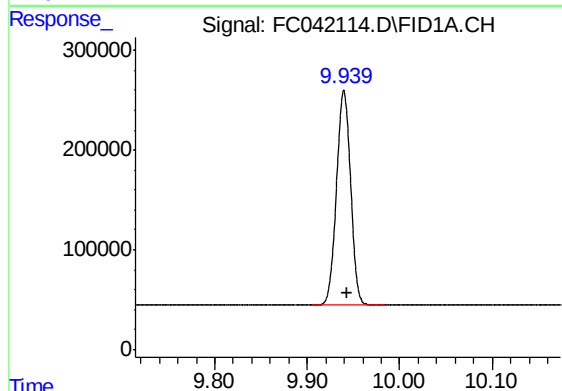
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.195 min
Delta R.T.: 0.002 min
Response: 2492833
Conc: 18.72 ug/ml



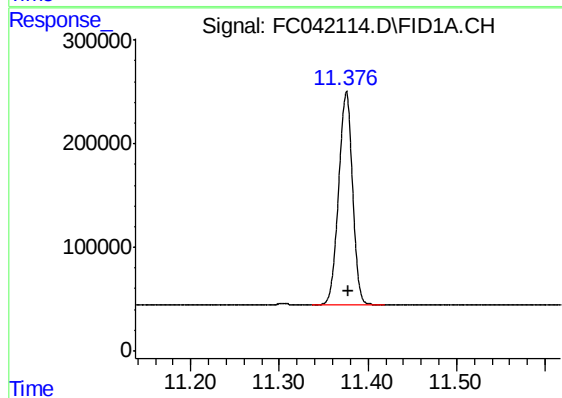
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: -0.001 min
Response: 2312515
Conc: 19.14 ug/ml



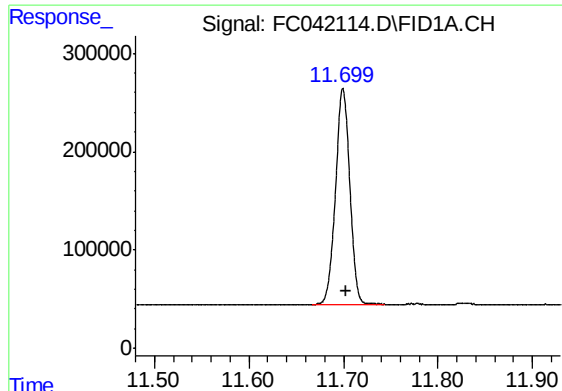
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: -0.003 min
Response: 2288893
Conc: 18.68 ug/ml



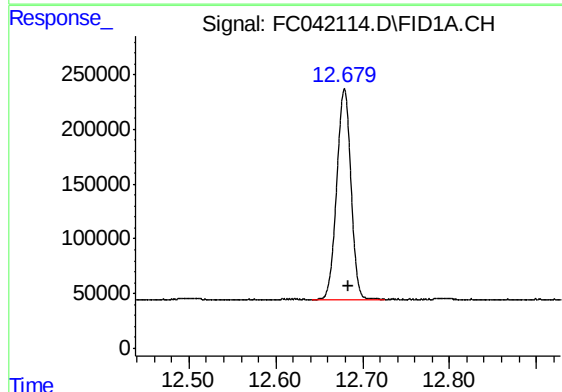
#8 n-Octadecane (C18)

R.T.: 11.376 min
Delta R.T.: -0.003 min
Response: 2233229
Conc: 18.02 ug/ml



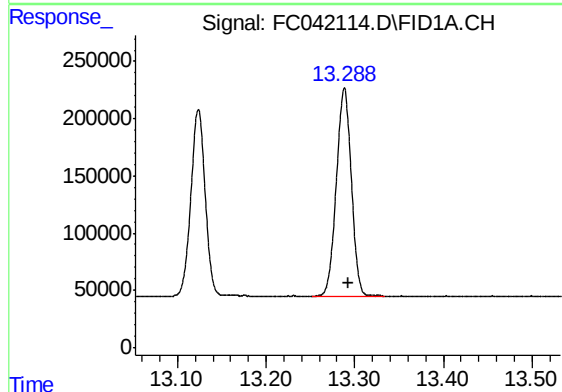
#9 ortho-Terphenyl (SURR)

R.T.: 11.700 min
Delta R.T.: -0.002 min
Response: 2301198
Conc: 17.30 ug/ml



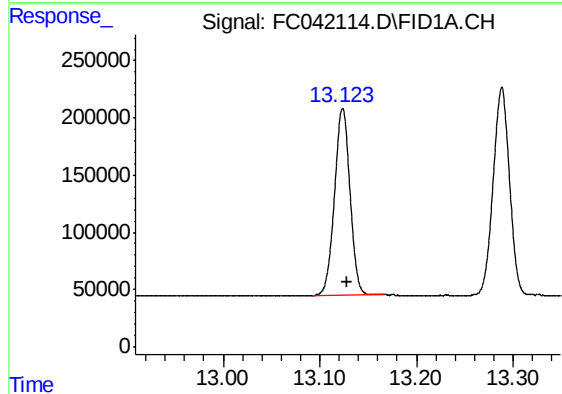
#10 n-Eicosane (C20)

R.T.: 12.679 min
Delta R.T.: -0.005 min
Response: 2174307
Conc: 17.18 ug/ml



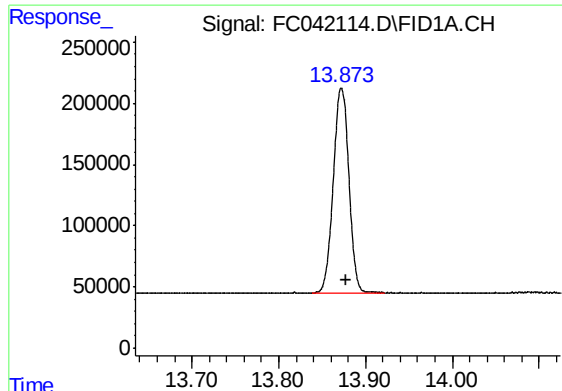
#11 n-Heneicosane (C21)

R.T.: 13.289 min
Delta R.T.: -0.005 min
Response: 2126097
Conc: 16.84 ug/ml



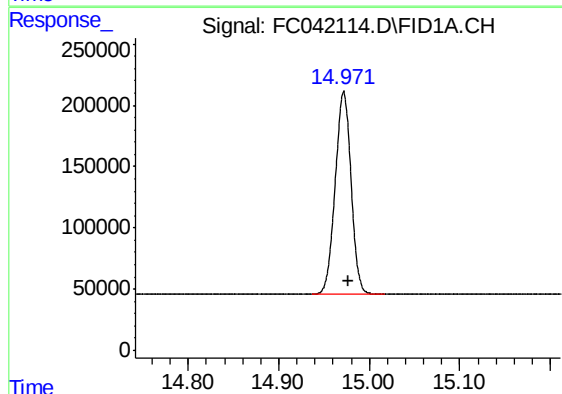
#12 1-chlorooctadecane (SURR)

R.T.: 13.124 min
Delta R.T.: -0.005 min
Response: 1830595
Conc: 16.66 ug/ml



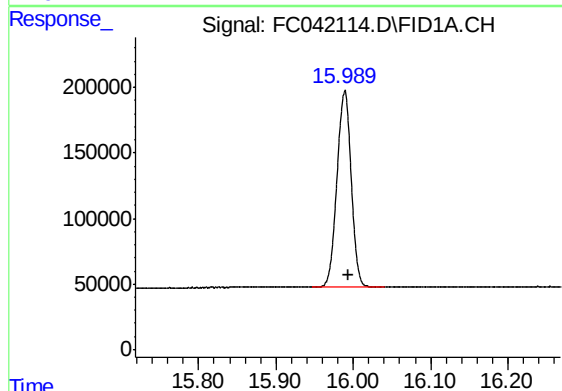
#13 n-Docosane (C22)

R.T.: 13.872 min
Delta R.T.: -0.005 min
Response: 2082402
Conc: 16.48 ug/ml



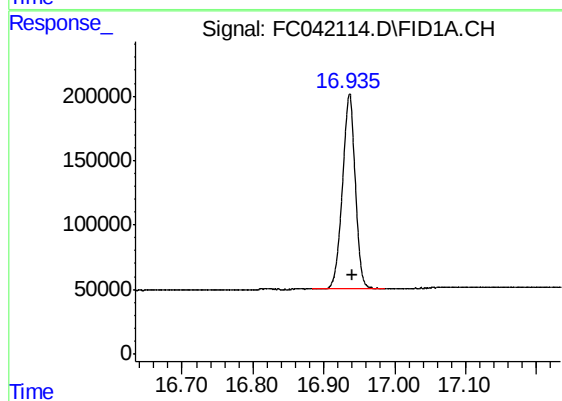
#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.005 min
Response: 2004532
Conc: 15.75 ug/ml



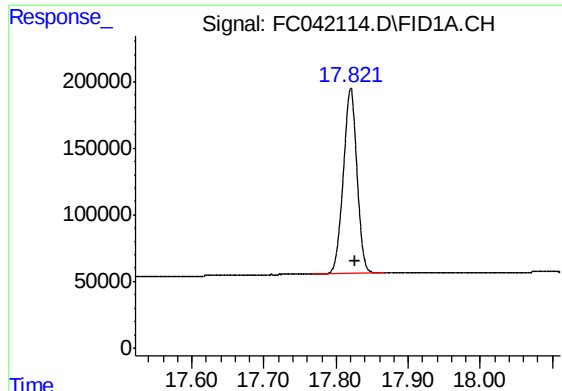
#15 n-Hexacosane (C26)

R.T.: 15.989 min
Delta R.T.: -0.005 min
Response: 1929273
Conc: 15.54 ug/ml



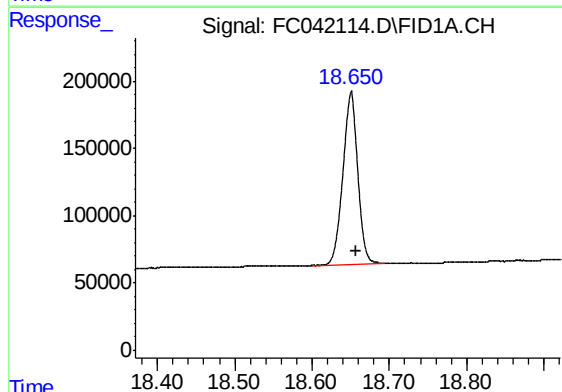
#16 n-Octacosane (C28)

R.T.: 16.936 min
Delta R.T.: -0.005 min
Response: 1887885
Conc: 15.49 ug/ml



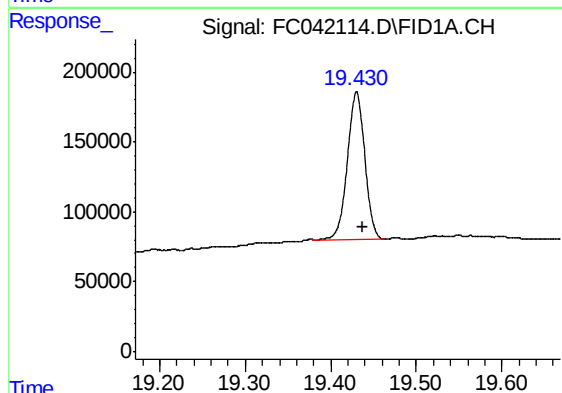
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: -0.006 min
Response: 1823385
Conc: 15.64 ug/ml



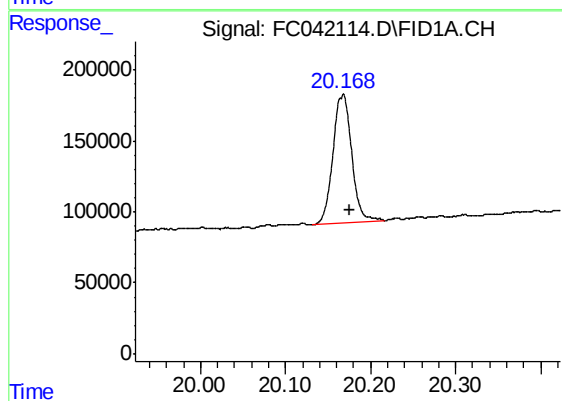
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: -0.006 min
Response: 1703186
Conc: 15.77 ug/ml



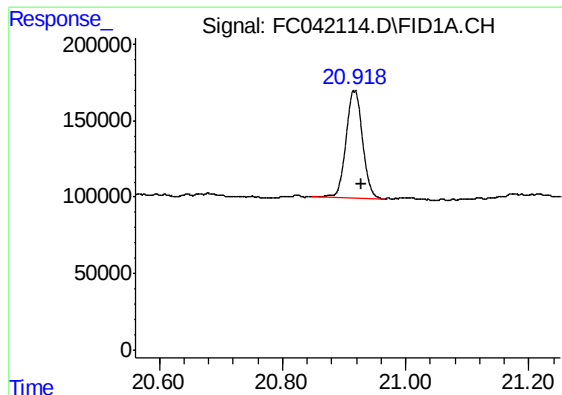
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min
Delta R.T.: -0.007 min
Response: 1505978
Conc: 17.50 ug/ml m



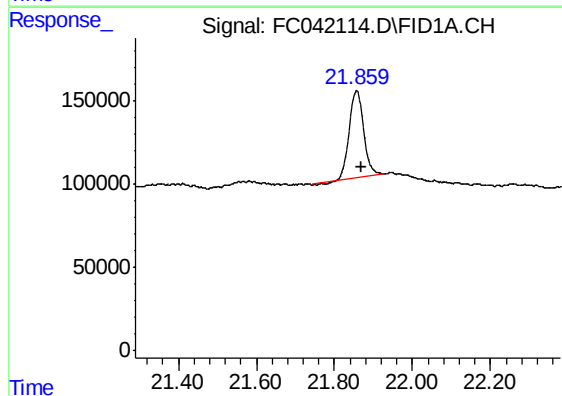
#20 n-Hexatriacontane (C36)

R.T.: 20.168 min
Delta R.T.: -0.008 min
Response: 1384352
Conc: 17.86 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.917 min
Delta R.T.: -0.011 min
Response: 1306589
Conc: 19.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.858 min
Delta R.T.: -0.012 min
Response: 1361822
Conc: 20.16 ug/ml