

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062719AL\
 Data File : FC042049.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jun 2019 8:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 27 10:15:33 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)	11.695	2719769	20.443 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
12) S 1-chlorooctadecane (S...	13.118	2186988	19.903 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
Target Compounds			
1) T n-Nonane (C9)	3.489	2635580	22.679 ug/ml
2) T n-Decane (C10)	4.554	2691063	22.868 ug/ml
3) T A~Naphthalene (C11.7)	6.140	2936406	22.093 ug/ml
4) T n-Dodecane (C12)	6.560	2698230	22.720 ug/ml
5) T A~2-methylnaphthalene...	7.190	2910842	21.863 ug/ml
6) T n-Tetradecane (C14)	8.344	2697597	22.322 ug/ml
7) T n-Hexadecane (C16)	9.936	2673930	21.819 ug/ml
8) T n-Octadecane (C18)	11.371	2635983	21.273 ug/ml
10) T n-Eicosane (C20)	12.674	2579470	20.386 ug/ml
11) T n-Heneicosane (C21)	13.283	2522431	19.980 ug/ml
13) T n-Docosane (C22)	13.866	2467972	19.533 ug/ml
14) T n-Tetracosane (C24)	14.965	2389946	18.783 ug/ml
15) T n-Hexacosane (C26)	15.983	2306272	18.576 ug/ml
16) T n-Octacosane (C28)	16.930	2271836	18.645 ug/ml
17) T n-Tricontane (C30)	17.814	2225672	19.094 ug/ml
18) T n-Dotriacontane (C32)	18.643	2105773	19.503 ug/ml
19) T n-Tetratriacontane (C34)	19.424	1785422	20.749 ug/ml
20) T n-Hexatriacontane (C36)	20.163	1650981	21.300 ug/ml
21) T n-Octatriacontane (C38)	20.910	1484121	22.443 ug/ml
22) T n-Tetracontane (C40)	21.843	1515180	22.427 ug/ml

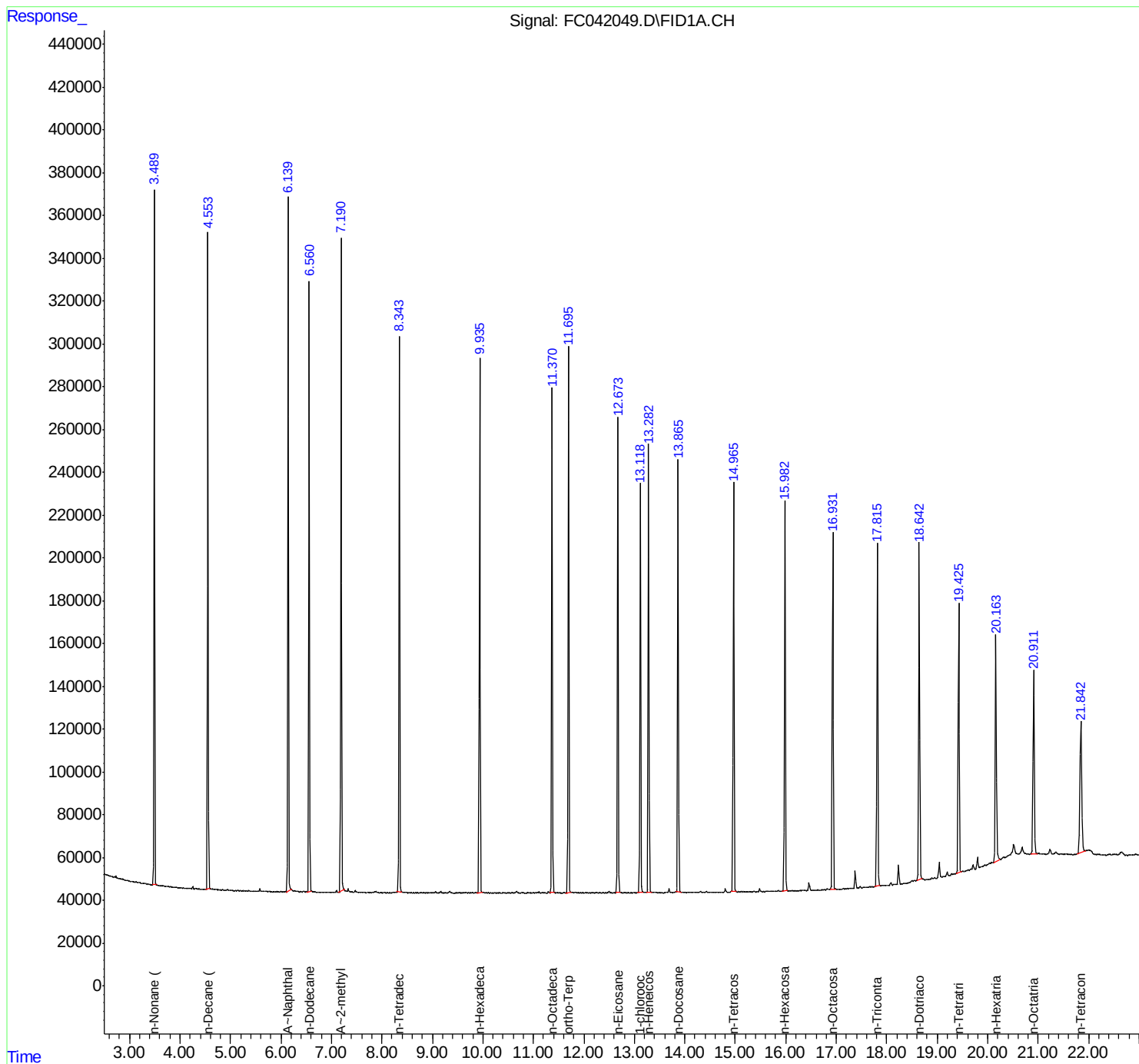
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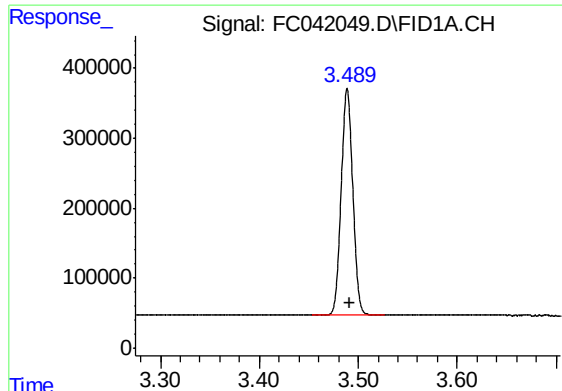
(m)=manual int.

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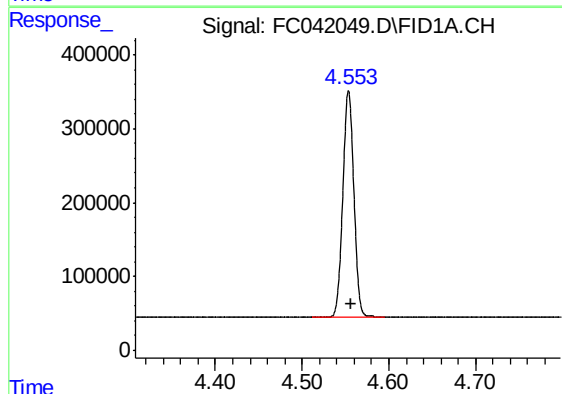
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Signal Info : 20M x 0.18mm x 0.18um





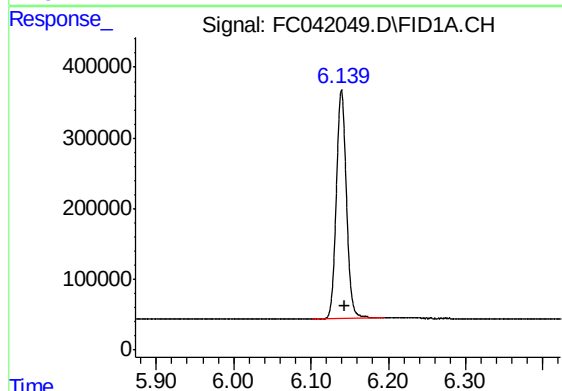
#1 n-Nonane (C9)

R.T.: 3.489 min
Delta R.T.: -0.003 min
Response: 2635580
Conc: 22.68 ug/ml



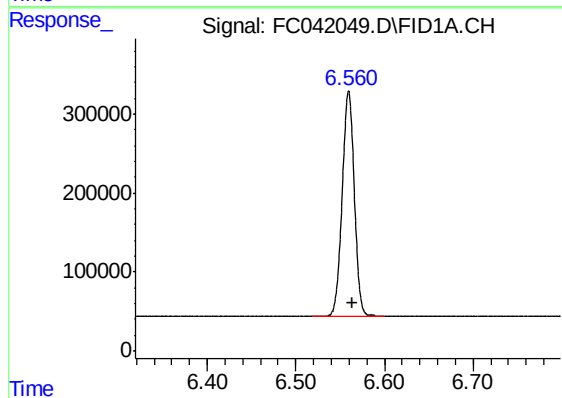
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 2691063
Conc: 22.87 ug/ml



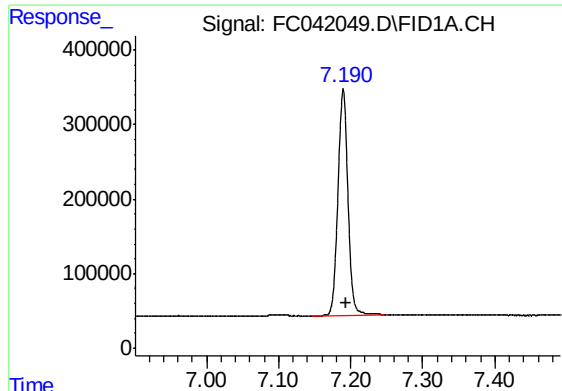
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.004 min
Response: 2936406
Conc: 22.09 ug/ml



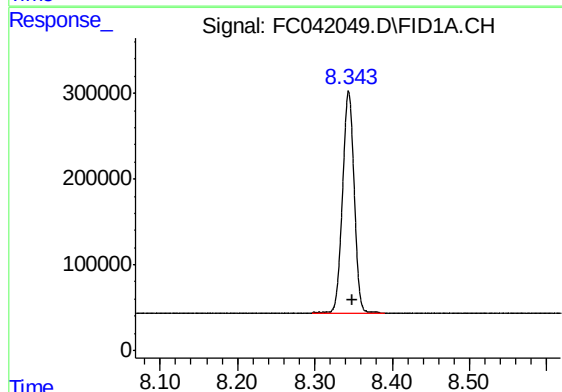
#4 n-Dodecane (C12)

R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 2698230
Conc: 22.72 ug/ml



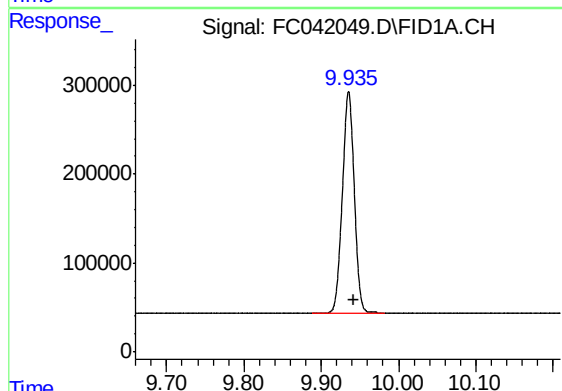
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min
Delta R.T.: -0.004 min
Response: 2910842
Conc: 21.86 ug/ml



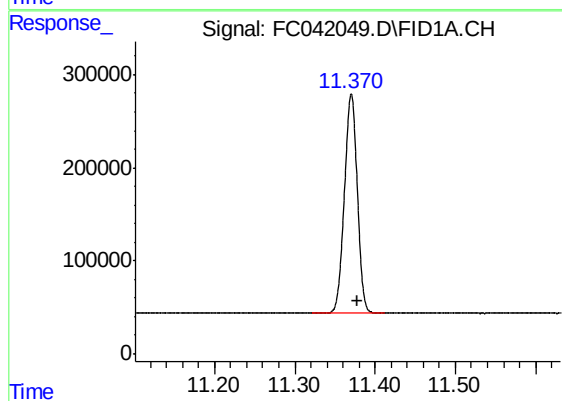
#6 n-Tetradecane (C14)

R.T.: 8.344 min
Delta R.T.: -0.006 min
Response: 2697597
Conc: 22.32 ug/ml



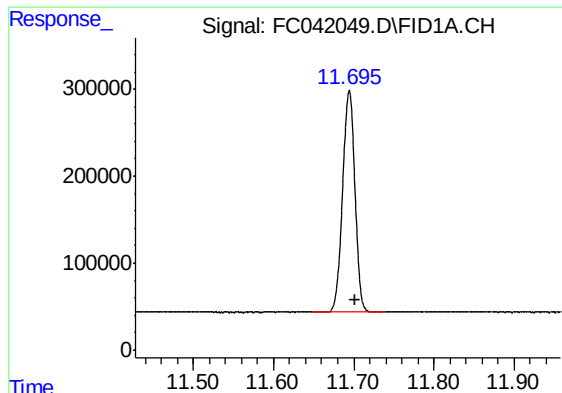
#7 n-Hexadecane (C16)

R.T.: 9.936 min
Delta R.T.: -0.007 min
Response: 2673930
Conc: 21.82 ug/ml



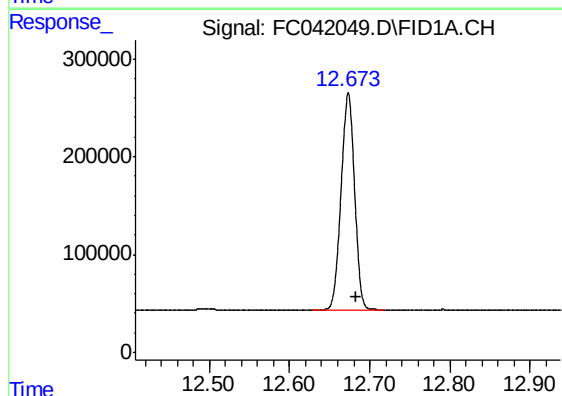
#8 n-Octadecane (C18)

R.T.: 11.371 min
Delta R.T.: -0.008 min
Response: 2635983
Conc: 21.27 ug/ml



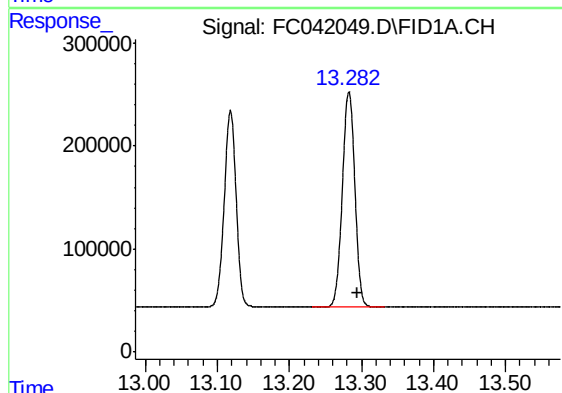
#9 ortho-Terphenyl (SURR)

R.T.: 11.695 min
Delta R.T.: -0.007 min
Response: 2719769
Conc: 20.44 ug/ml



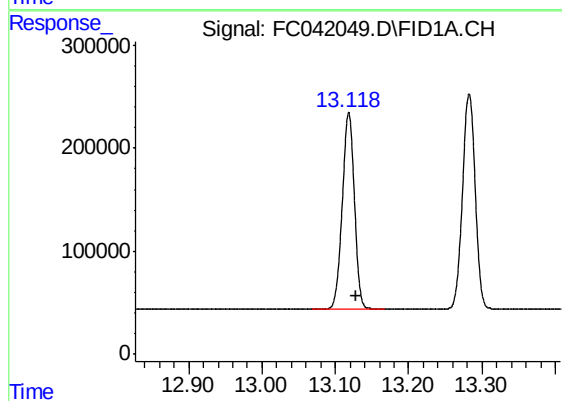
#10 n-Eicosane (C20)

R.T.: 12.674 min
Delta R.T.: -0.010 min
Response: 2579470
Conc: 20.39 ug/ml



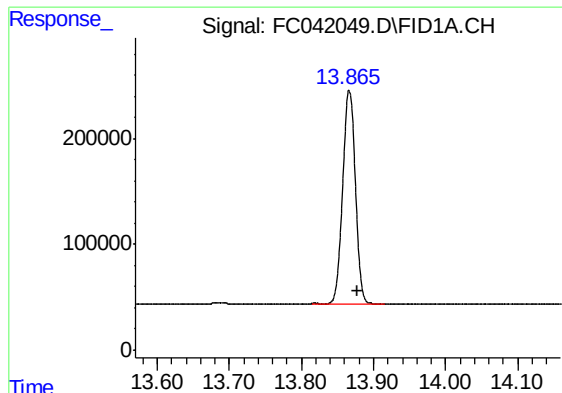
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: -0.011 min
Response: 2522431
Conc: 19.98 ug/ml



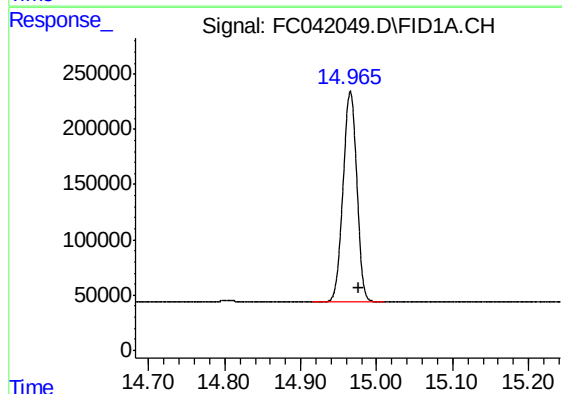
#12 1-chlorooctadecane (SURR)

R.T.: 13.118 min
Delta R.T.: -0.010 min
Response: 2186988
Conc: 19.90 ug/ml



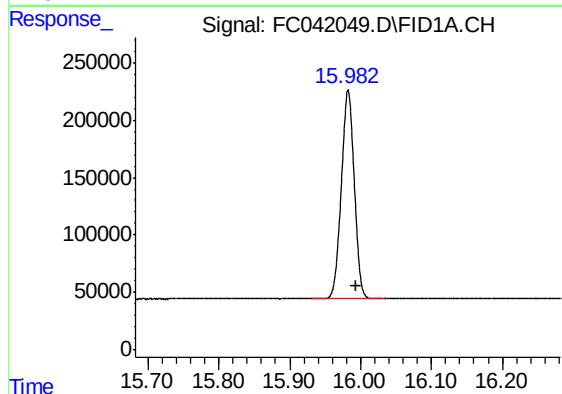
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: -0.011 min
Response: 2467972
Conc: 19.53 ug/ml



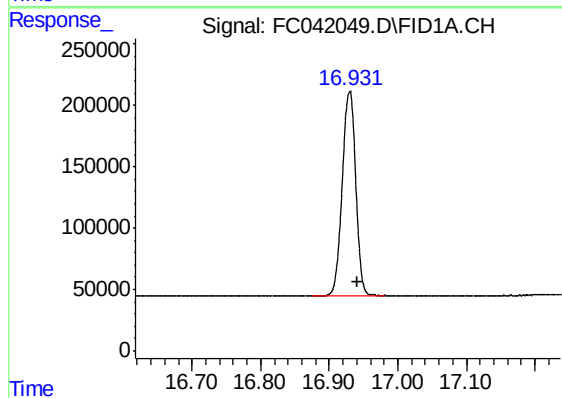
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.011 min
Response: 2389946
Conc: 18.78 ug/ml



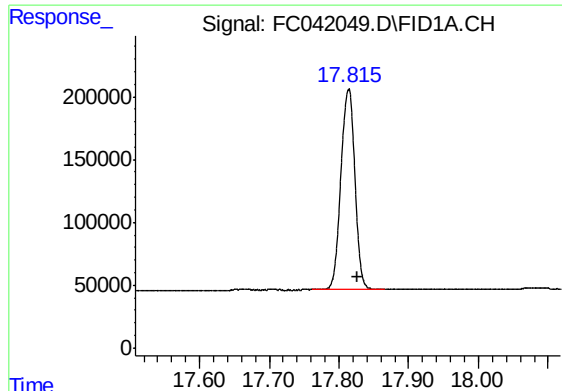
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: -0.012 min
Response: 2306272
Conc: 18.58 ug/ml



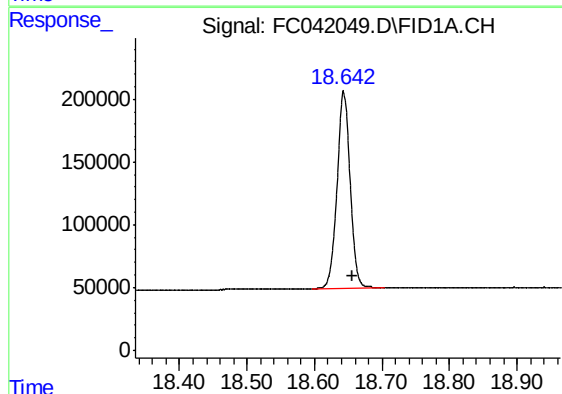
#16 n-Octacosane (C28)

R.T.: 16.930 min
Delta R.T.: -0.011 min
Response: 2271836
Conc: 18.64 ug/ml



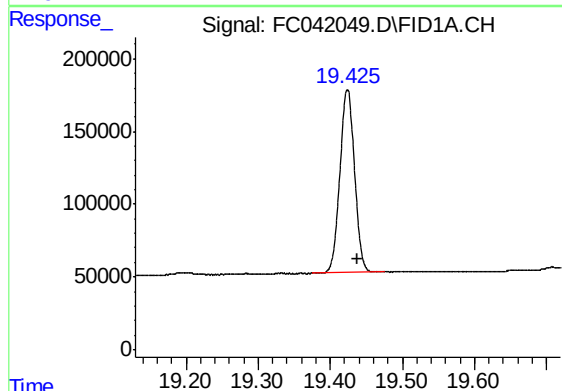
#17 n-Tricontane (C30)

R.T.: 17.814 min
Delta R.T.: -0.012 min
Response: 2225672
Conc: 19.09 ug/ml



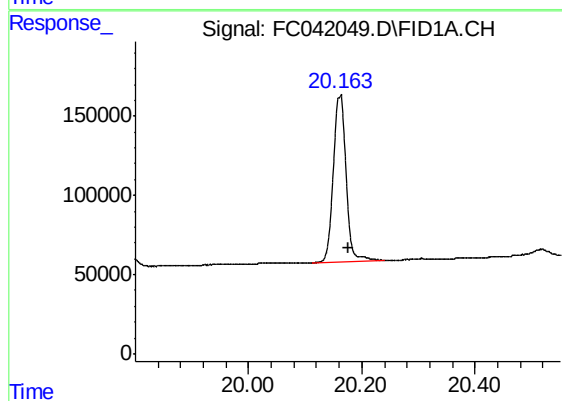
#18 n-Dotriacontane (C32)

R.T.: 18.643 min
Delta R.T.: -0.014 min
Response: 2105773
Conc: 19.50 ug/ml



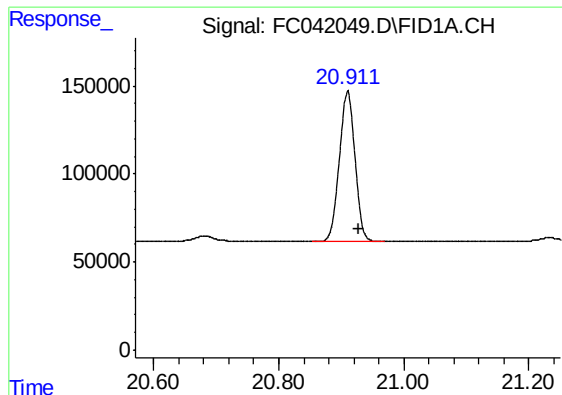
#19 n-Tetatriacontane (C34)

R.T.: 19.424 min
Delta R.T.: -0.014 min
Response: 1785422
Conc: 20.75 ug/ml



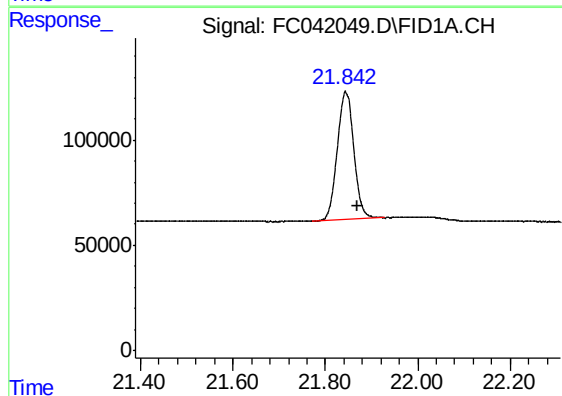
#20 n-Hexatriacontane (C36)

R.T.: 20.163 min
Delta R.T.: -0.013 min
Response: 1650981
Conc: 21.30 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.018 min
Response: 1484121
Conc: 22.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.843 min
Delta R.T.: -0.027 min
Response: 1515180
Conc: 22.43 ug/ml