

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080119AL\
 Data File : FC042684.D
 Signal(s) : FID1A.CH
 Acq On : 01 Aug 2019 18:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 02 00:54:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 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)	11.685	2693699	20.352 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
12) S 1-chlorooctadecane (S...	13.106	2200811	20.075 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
Target Compounds			
1) T n-Nonane (C9)	3.492	2588188	22.230 ug/ml
2) T n-Decane (C10)	4.554	2669806	22.629 ug/ml
3) T A~Naphthalene (C11.7)	6.138	2885101	22.225 ug/ml
4) T n-Dodecane (C12)	6.555	2680790	22.593 ug/ml
5) T A~2-methylnaphthalene...	7.188	2878072	22.149 ug/ml
6) T n-Tetradecane (C14)	8.337	2676415	22.495 ug/ml
7) T n-Hexadecane (C16)	9.928	2661310	22.164 ug/ml
8) T n-Octadecane (C18)	11.360	2625412	21.513 ug/ml
10) T n-Eicosane (C20)	12.662	2588757	20.757 ug/ml
11) T n-Heneicosane (C21)	13.270	2544053	20.324 ug/ml
13) T n-Docosane (C22)	13.852	2519860	20.091 ug/ml
14) T n-Tetracosane (C24)	14.950	2440379	19.265 ug/ml
15) T n-Hexacosane (C26)	15.967	2387417	18.881 ug/ml
16) T n-Octacosane (C28)	16.911	2366084	18.750 ug/ml
17) T n-Tricontane (C30)	17.797	2306423	18.814 ug/ml
18) T n-Dotriacontane (C32)	18.626	2155313	19.290 ug/ml
19) T n-Tetratriacontane (C34)	19.405	1832189	19.784 ug/ml
20) T n-Hexatriacontane (C36)	20.143	1626738	20.412 ug/ml
21) T n-Octatriacontane (C38)	20.887	1533458	21.389 ug/ml
22) T n-Tetracontane (C40)	21.814	1536451	22.141 ug/ml

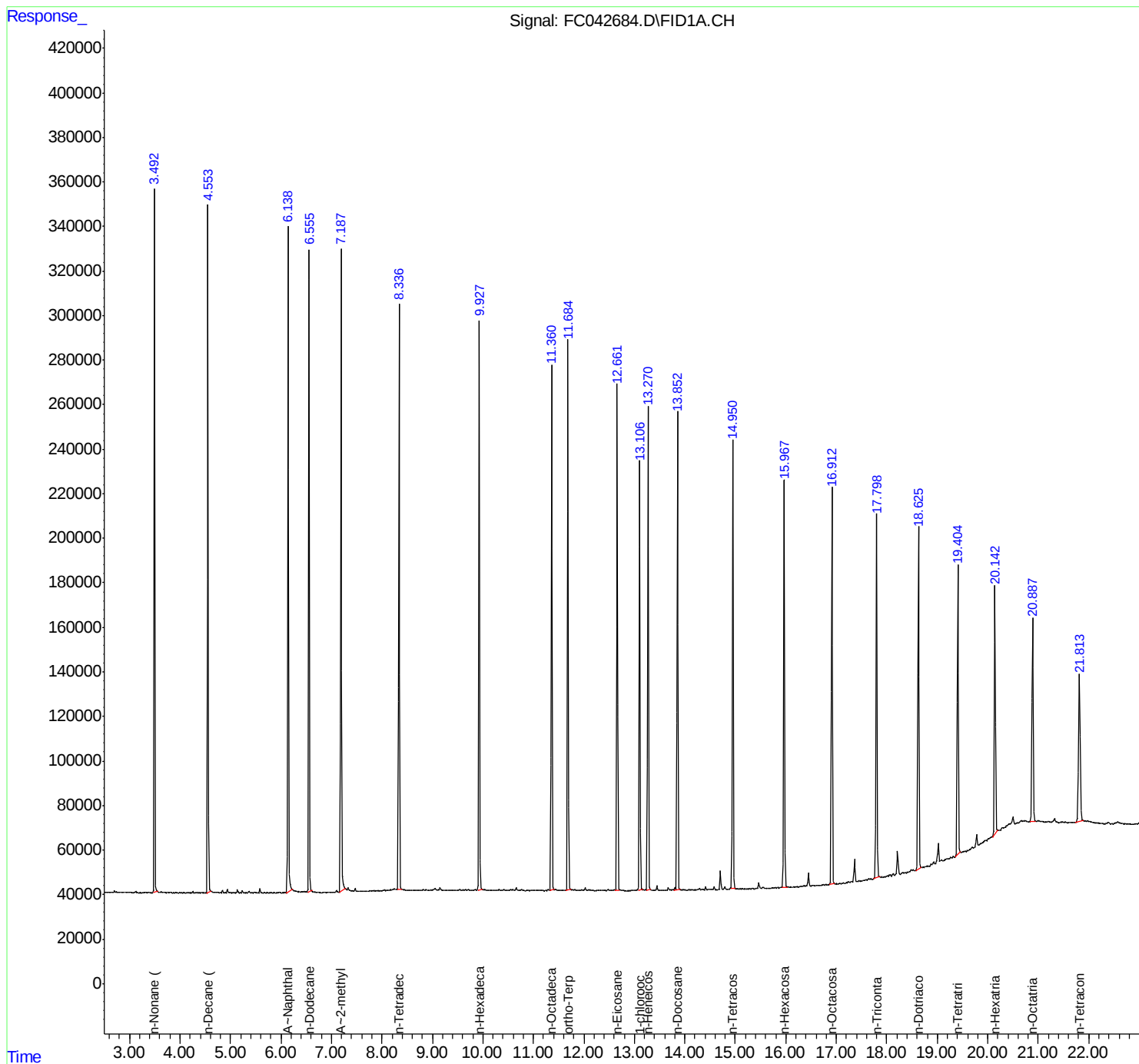
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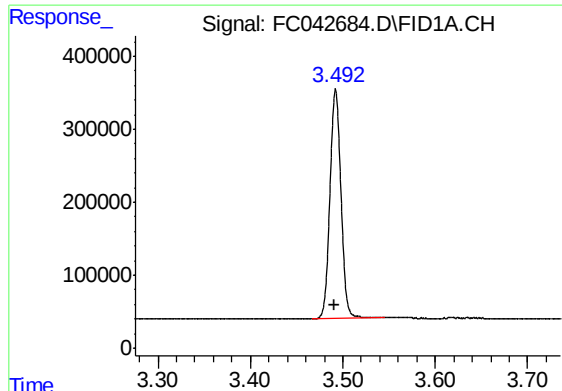
(m)=manual int.

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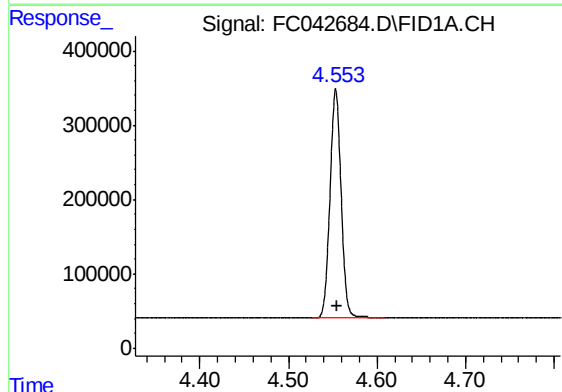
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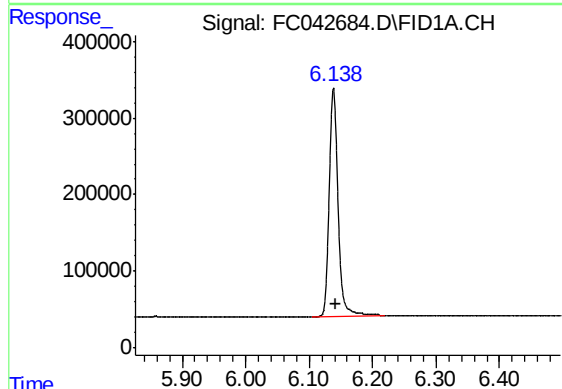
#1 n-Nonane (C9)

R.T.: 3.492 min
Delta R.T.: 0.001 min
Response: 2588188
Conc: 22.23 ug/ml



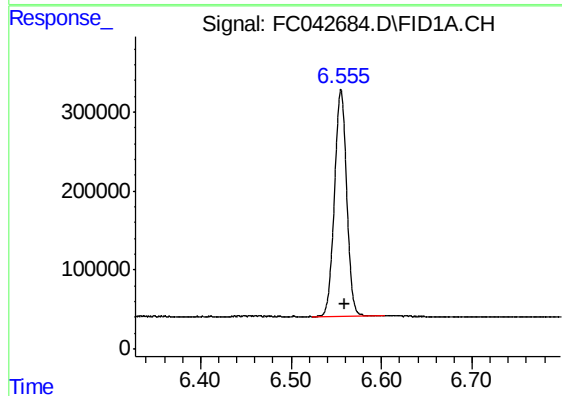
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.001 min
Response: 2669806
Conc: 22.63 ug/ml



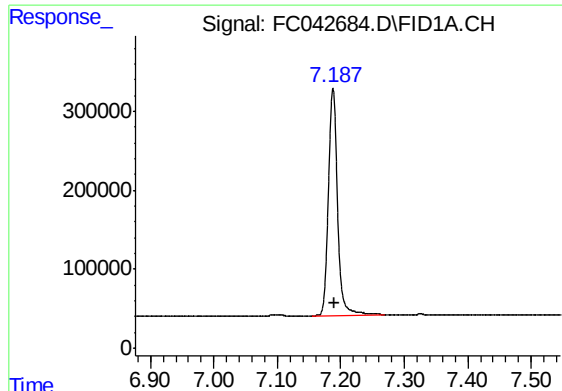
#3 A~Naphthalene (C11.7)

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 2885101
Conc: 22.23 ug/ml



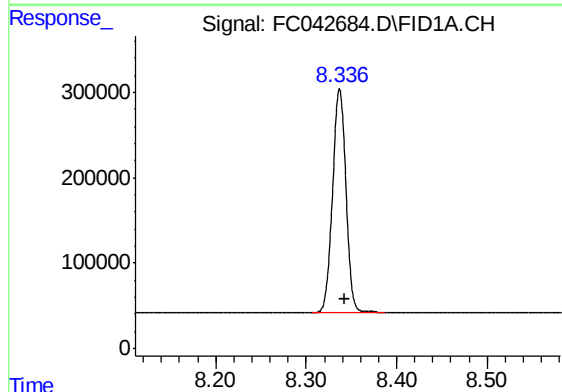
#4 n-Dodecane (C12)

R.T.: 6.555 min
Delta R.T.: -0.004 min
Response: 2680790
Conc: 22.59 ug/ml



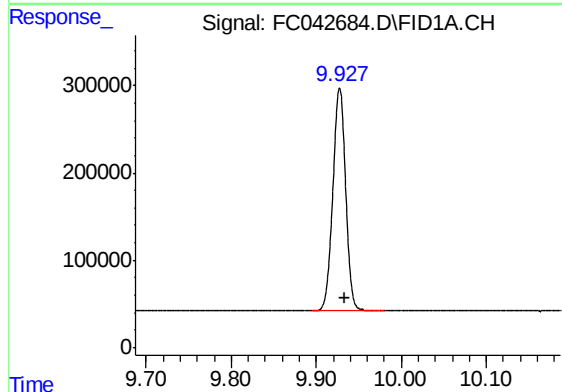
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.188 min
Delta R.T.: -0.003 min
Response: 2878072
Conc: 22.15 ug/ml



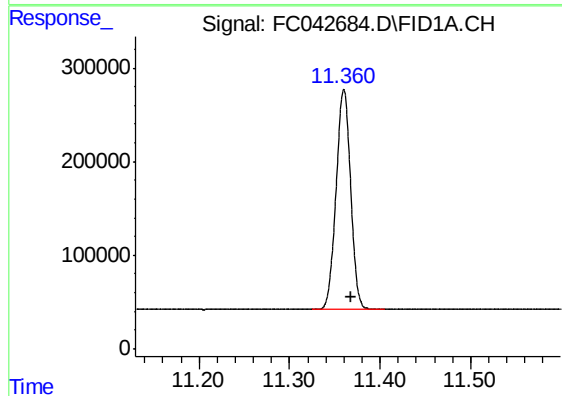
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: -0.005 min
Response: 2676415
Conc: 22.50 ug/ml



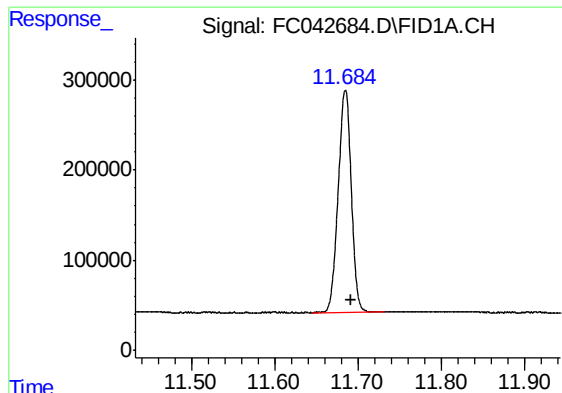
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.006 min
Response: 2661310
Conc: 22.16 ug/ml



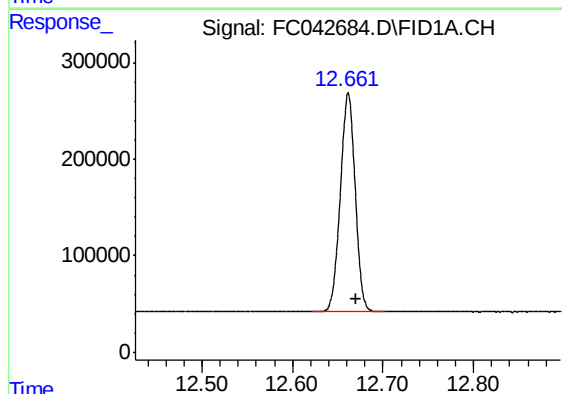
#8 n-Octadecane (C18)

R.T.: 11.360 min
Delta R.T.: -0.008 min
Response: 2625412
Conc: 21.51 ug/ml



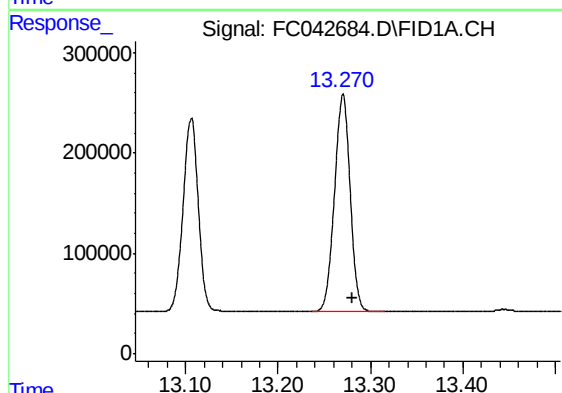
#9 ortho-Terphenyl (SURR)

R.T.: 11.685 min
Delta R.T.: -0.006 min
Response: 2693699
Conc: 20.35 ug/ml



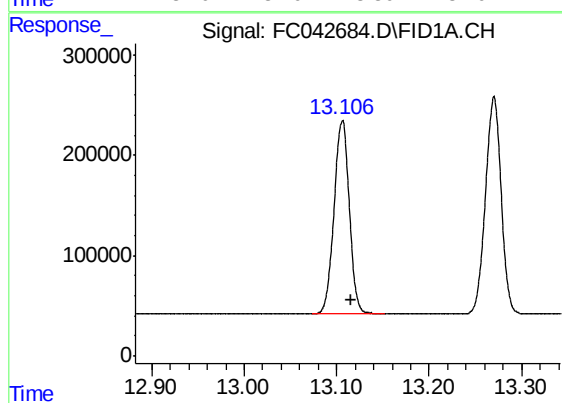
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: -0.009 min
Response: 2588757
Conc: 20.76 ug/ml



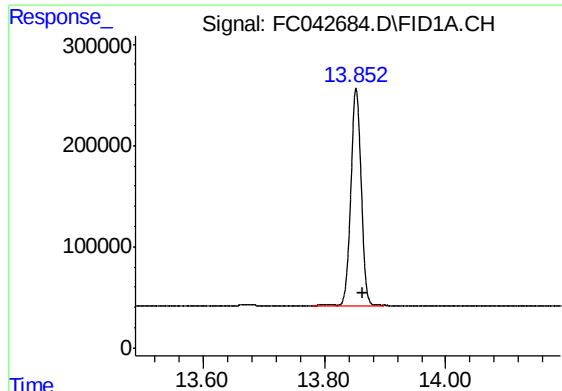
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: -0.010 min
Response: 2544053
Conc: 20.32 ug/ml



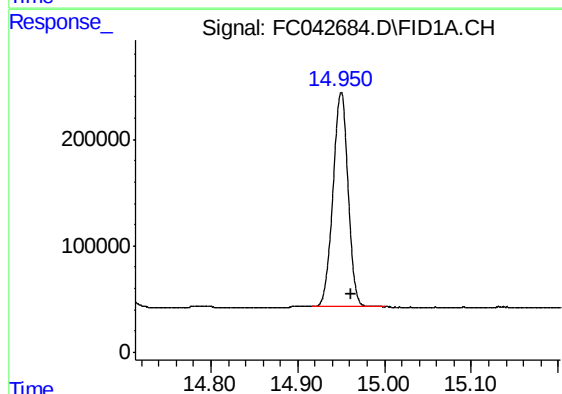
#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: -0.009 min
Response: 2200811
Conc: 20.08 ug/ml



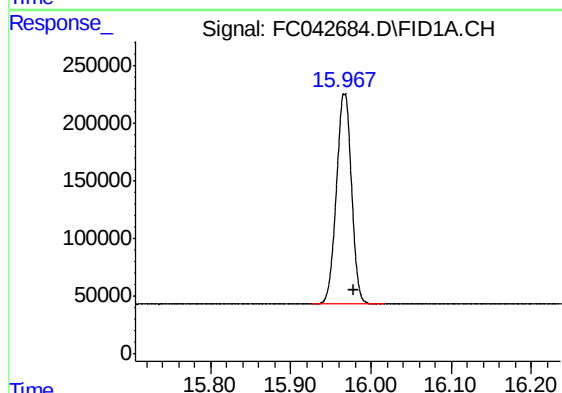
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: -0.012 min
Response: 2519860
Conc: 20.09 ug/ml



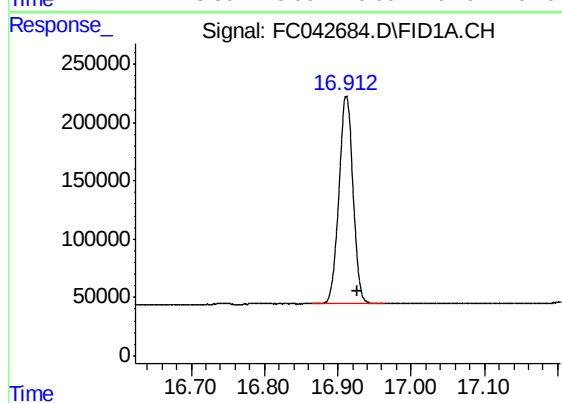
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.012 min
Response: 2440379
Conc: 19.27 ug/ml



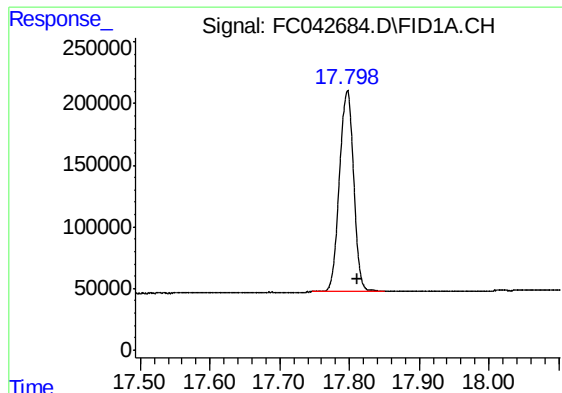
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.012 min
Response: 2387417
Conc: 18.88 ug/ml



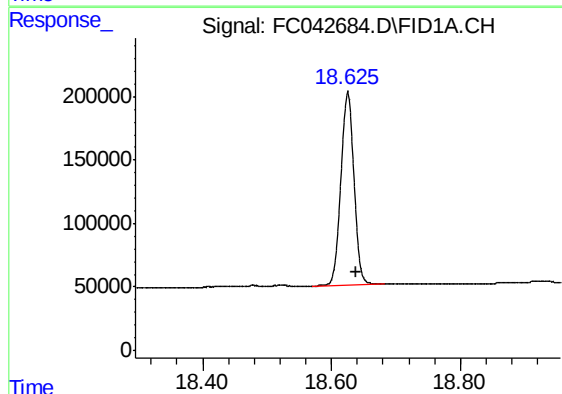
#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: -0.015 min
Response: 2366084
Conc: 18.75 ug/ml



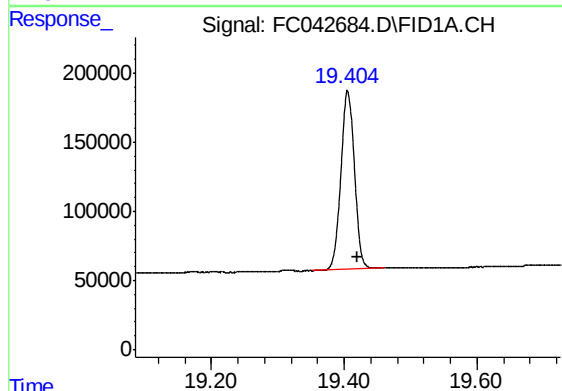
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: -0.014 min
Response: 2306423
Conc: 18.81 ug/ml



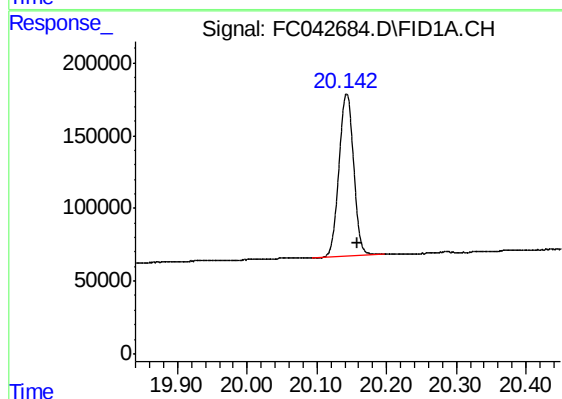
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: -0.014 min
Response: 2155313
Conc: 19.29 ug/ml



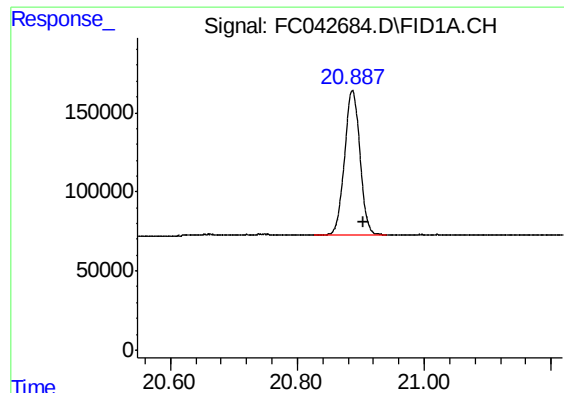
#19 n-Tetatriacontane (C34)

R.T.: 19.405 min
Delta R.T.: -0.015 min
Response: 1832189
Conc: 19.78 ug/ml



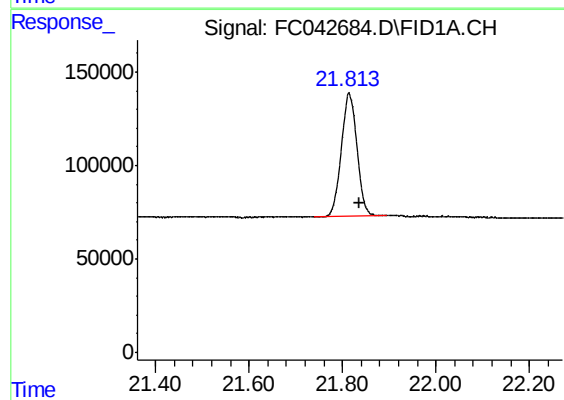
#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: -0.015 min
Response: 1626738
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: -0.018 min
Response: 1533458
Conc: 21.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.814 min
Delta R.T.: -0.023 min
Response: 1536451
Conc: 22.14 ug/ml