

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073119AL\
 Data File : FC042658.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jul 2019 10:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 03:33:34 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	2557232	19.321 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
12) S 1-chlorooctadecane (S...	13.107	2084166	19.011 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
Target Compounds			
1) T n-Nonane (C9)	3.488	2488227	21.371 ug/ml
2) T n-Decane (C10)	4.552	2549356	21.608 ug/ml
3) T A~Naphthalene (C11.7)	6.138	2758645	21.251 ug/ml
4) T n-Dodecane (C12)	6.555	2563078	21.600 ug/ml
5) T A~2-methylnaphthalene...	7.187	2745892	21.132 ug/ml
6) T n-Tetradecane (C14)	8.337	2548374	21.419 ug/ml
7) T n-Hexadecane (C16)	9.926	2528430	21.058 ug/ml
8) T n-Octadecane (C18)	11.360	2492183	20.421 ug/ml
10) T n-Eicosane (C20)	12.663	2452684	19.666 ug/ml
11) T n-Heneicosane (C21)	13.271	2408884	19.244 ug/ml
13) T n-Docosane (C22)	13.855	2371063	18.904 ug/ml
14) T n-Tetracosane (C24)	14.953	2307149	18.213 ug/ml
15) T n-Hexacosane (C26)	15.969	2248548	17.783 ug/ml
16) T n-Octacosane (C28)	16.916	2213819	17.543 ug/ml
17) T n-Tricontane (C30)	17.799	2151890	17.553 ug/ml
18) T n-Dotriacontane (C32)	18.629	1995796	17.863 ug/ml
19) T n-Tetratriacontane (C34)	19.409	1698672	18.342 ug/ml
20) T n-Hexatriacontane (C36)	20.146	1549025	19.437 ug/ml
21) T n-Octatriacontane (C38)	20.892	1467962	20.475 ug/ml
22) T n-Tetracontane (C40)	21.820	1455466	20.974 ug/ml

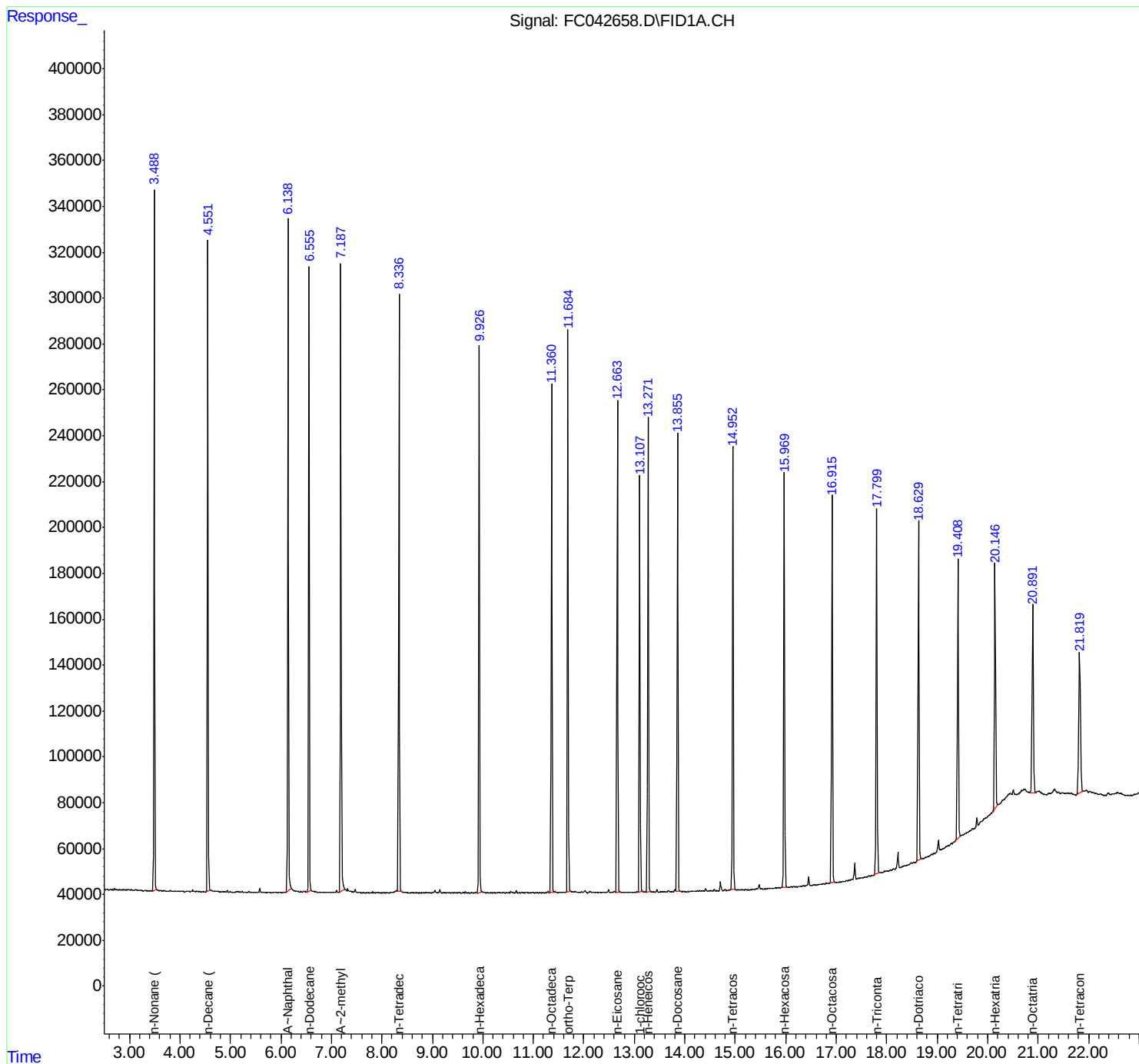
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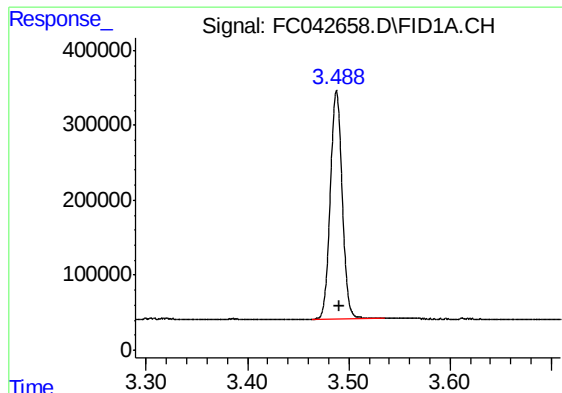
(m)=manual int.

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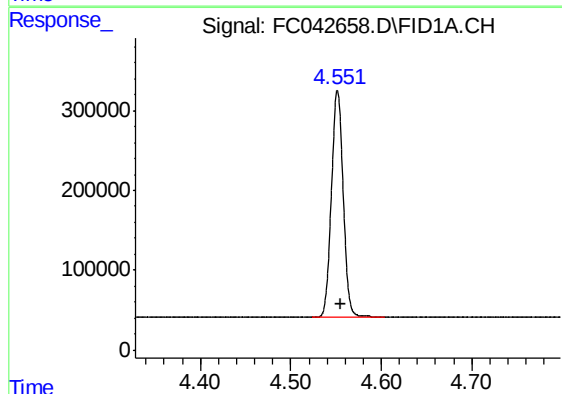
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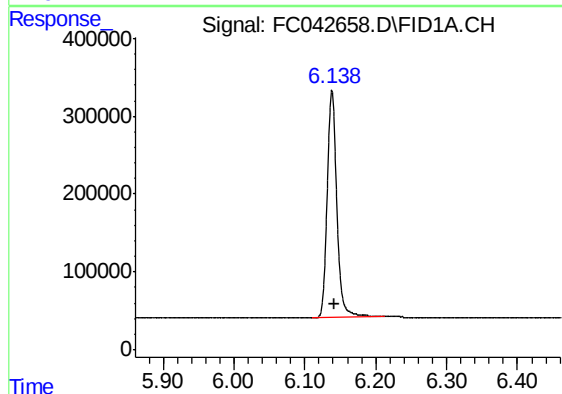
#1 n-Nonane (C9)

R.T.: 3.488 min
Delta R.T.: -0.003 min
Response: 2488227
Conc: 21.37 ug/ml



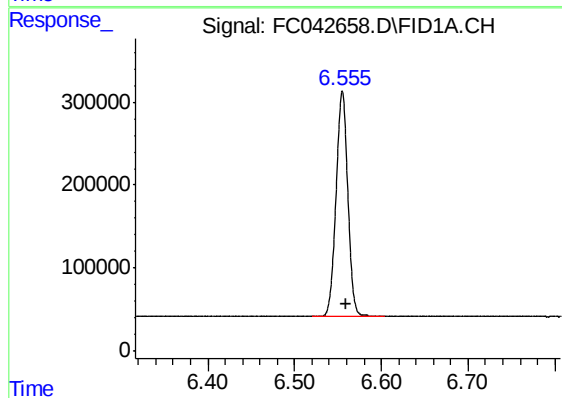
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: -0.003 min
Response: 2549356
Conc: 21.61 ug/ml



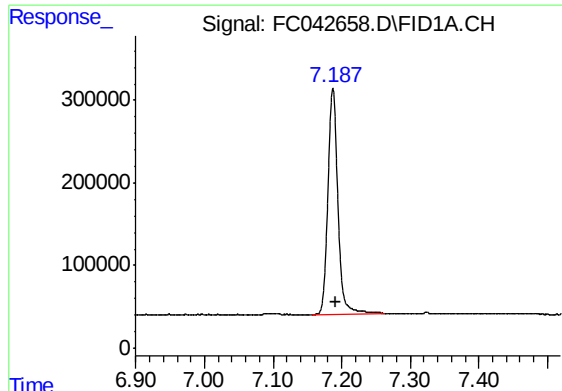
#3 A~Naphthalene (C11.7)

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 2758645
Conc: 21.25 ug/ml



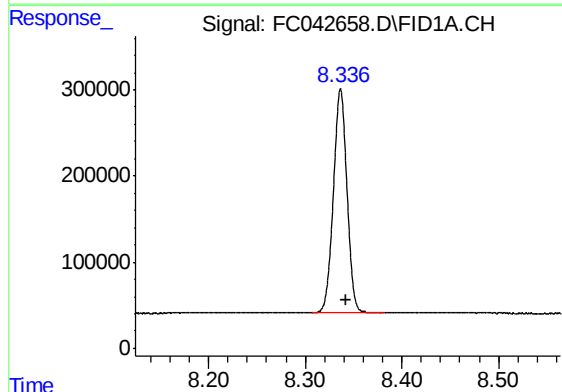
#4 n-Dodecane (C12)

R.T.: 6.555 min
Delta R.T.: -0.004 min
Response: 2563078
Conc: 21.60 ug/ml



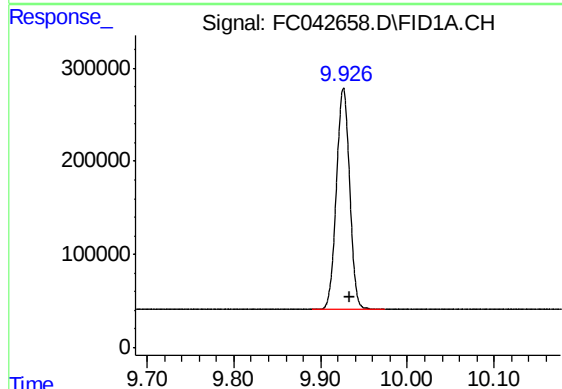
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 2745892
Conc: 21.13 ug/ml



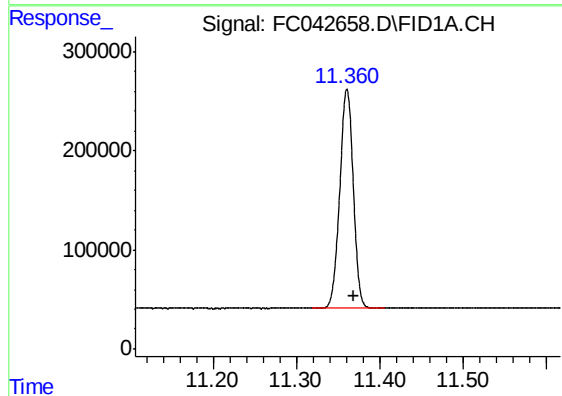
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: -0.005 min
Response: 2548374
Conc: 21.42 ug/ml



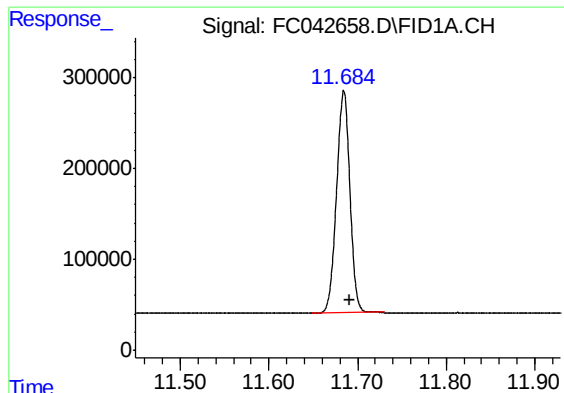
#7 n-Hexadecane (C16)

R.T.: 9.926 min
Delta R.T.: -0.007 min
Response: 2528430
Conc: 21.06 ug/ml



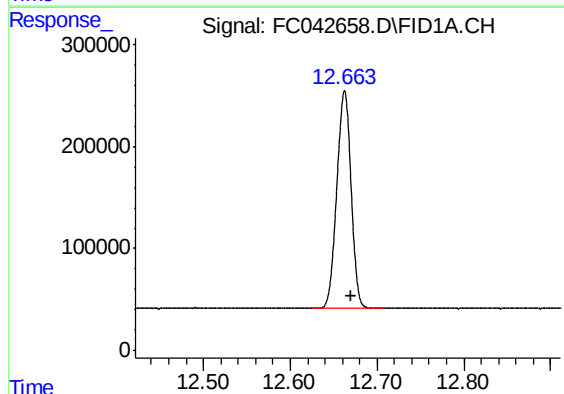
#8 n-Octadecane (C18)

R.T.: 11.360 min
Delta R.T.: -0.008 min
Response: 2492183
Conc: 20.42 ug/ml



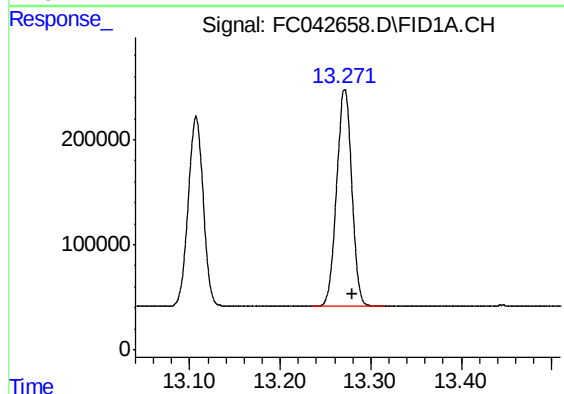
#9 ortho-Terphenyl (SURR)

R.T.: 11.685 min
Delta R.T.: -0.007 min
Response: 2557232
Conc: 19.32 ug/ml



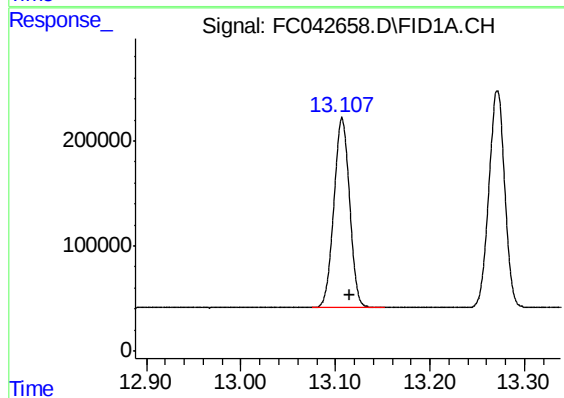
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: -0.008 min
Response: 2452684
Conc: 19.67 ug/ml



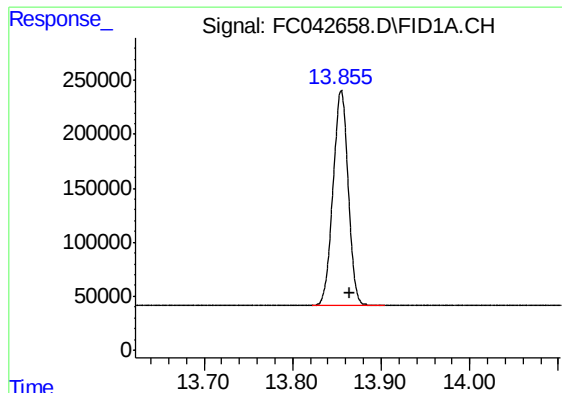
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: -0.009 min
Response: 2408884
Conc: 19.24 ug/ml



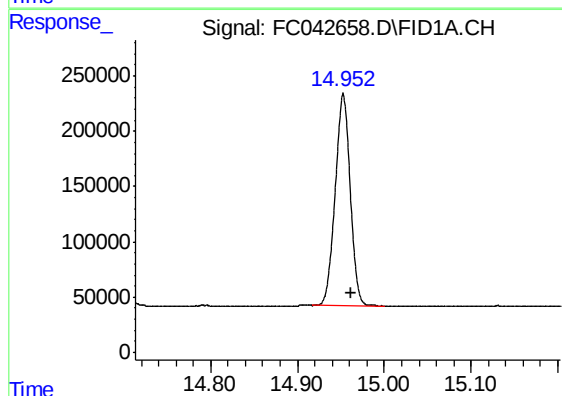
#12 1-chlorooctadecane (SURR)

R.T.: 13.107 min
Delta R.T.: -0.008 min
Response: 2084166
Conc: 19.01 ug/ml



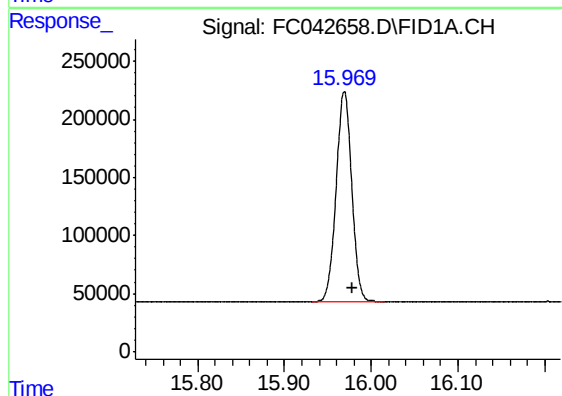
#13 n-Docosane (C22)

R.T.: 13.855 min
Delta R.T.: -0.009 min
Response: 2371063
Conc: 18.90 ug/ml



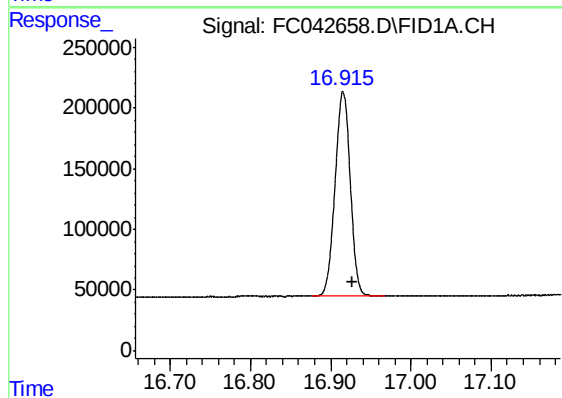
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: -0.009 min
Response: 2307149
Conc: 18.21 ug/ml



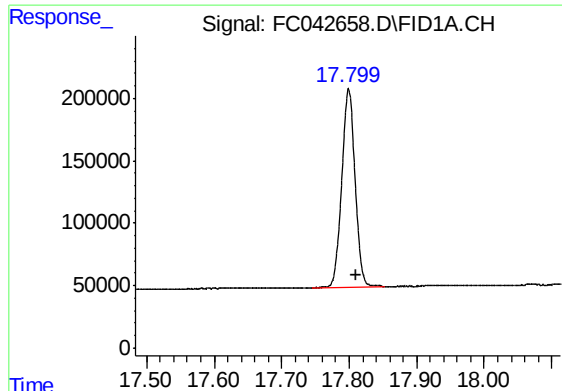
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: -0.010 min
Response: 2248548
Conc: 17.78 ug/ml



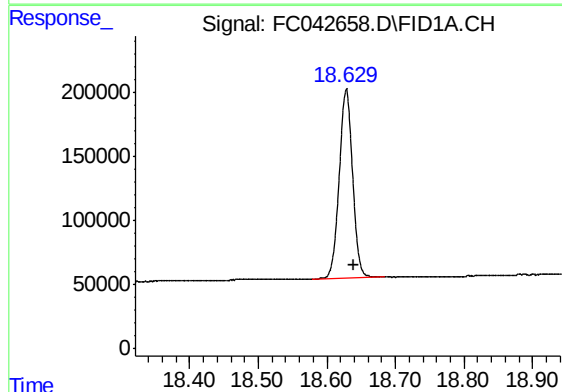
#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: -0.011 min
Response: 2213819
Conc: 17.54 ug/ml



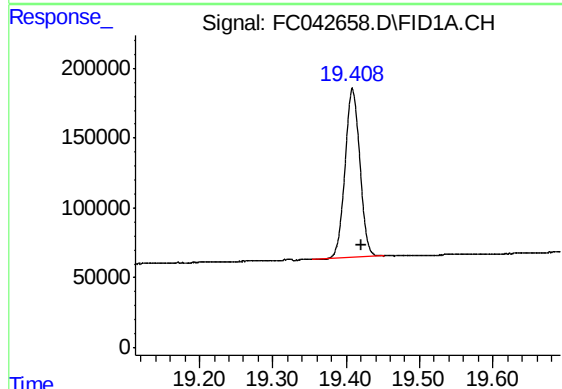
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: -0.012 min
Response: 2151890
Conc: 17.55 ug/ml



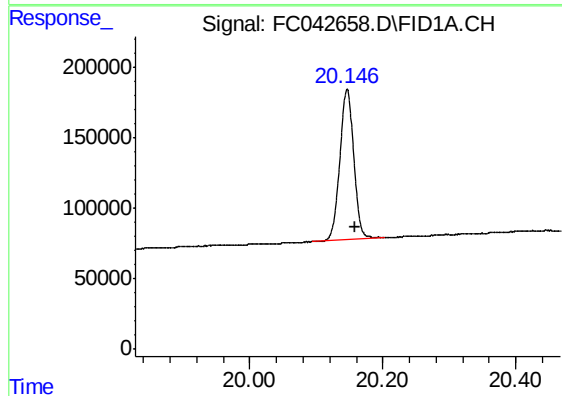
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: -0.011 min
Response: 1995796
Conc: 17.86 ug/ml



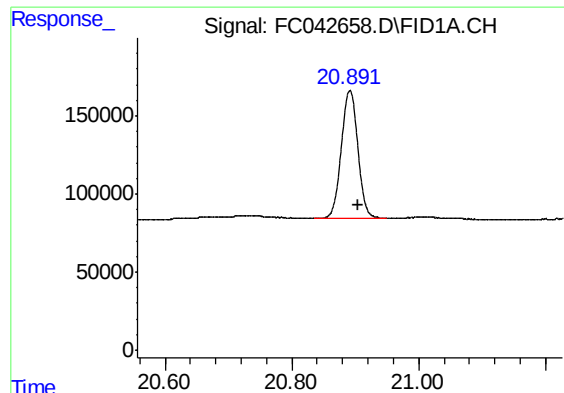
#19 n-Tetatriacontane (C34)

R.T.: 19.409 min
Delta R.T.: -0.011 min
Response: 1698672
Conc: 18.34 ug/ml



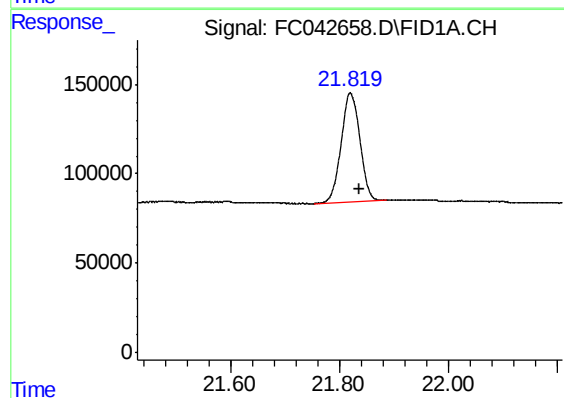
#20 n-Hexatriacontane (C36)

R.T.: 20.146 min
Delta R.T.: -0.011 min
Response: 1549025
Conc: 19.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.892 min
Delta R.T.: -0.013 min
Response: 1467962
Conc: 20.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.820 min
Delta R.T.: -0.017 min
Response: 1455466
Conc: 20.97 ug/ml