

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072519AL\
 Data File : FC042571.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jul 2019 2:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 26 03:54:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.688	2591212	19.578 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
12) S 1-chlorooctadecane (S...	13.109	2132661	19.454 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T n-Nonane (C9)	3.490	2278898	19.574 ug/ml
2) T n-Decane (C10)	4.553	2440622	20.686 ug/ml
3) T A~Naphthalene (C11.7)	6.140	2678313	20.632 ug/ml
4) T n-Dodecane (C12)	6.557	2476581	20.872 ug/ml
5) T A~2-methylnaphthalene...	7.189	2703275	20.804 ug/ml
6) T n-Tetradecane (C14)	8.340	2477978	20.827 ug/ml
7) T n-Hexadecane (C16)	9.931	2487016	20.713 ug/ml
8) T n-Octadecane (C18)	11.364	2489120	20.396 ug/ml
10) T n-Eicosane (C20)	12.665	2483298	19.912 ug/ml
11) T n-Heneicosane (C21)	13.273	2449313	19.567 ug/ml
13) T n-Docosane (C22)	13.857	2419624	19.291 ug/ml
14) T n-Tetracosane (C24)	14.954	2356548	18.603 ug/ml
15) T n-Hexacosane (C26)	15.971	2289363	18.105 ug/ml
16) T n-Octacosane (C28)	16.916	2239238	17.745 ug/ml
17) T n-Tricontane (C30)	17.801	2162003	17.636 ug/ml
18) T n-Dotriacontane (C32)	18.631	1998375	17.886 ug/ml
19) T n-Tetratriacontane (C34)	19.410	1690466	18.254 ug/ml
20) T n-Hexatriacontane (C36)	20.147	1495955	18.771 ug/ml
21) T n-Octatriacontane (C38)	20.892	1406320	19.616 ug/ml
22) T n-Tetracontane (C40)	21.822	1398459	20.152 ug/ml

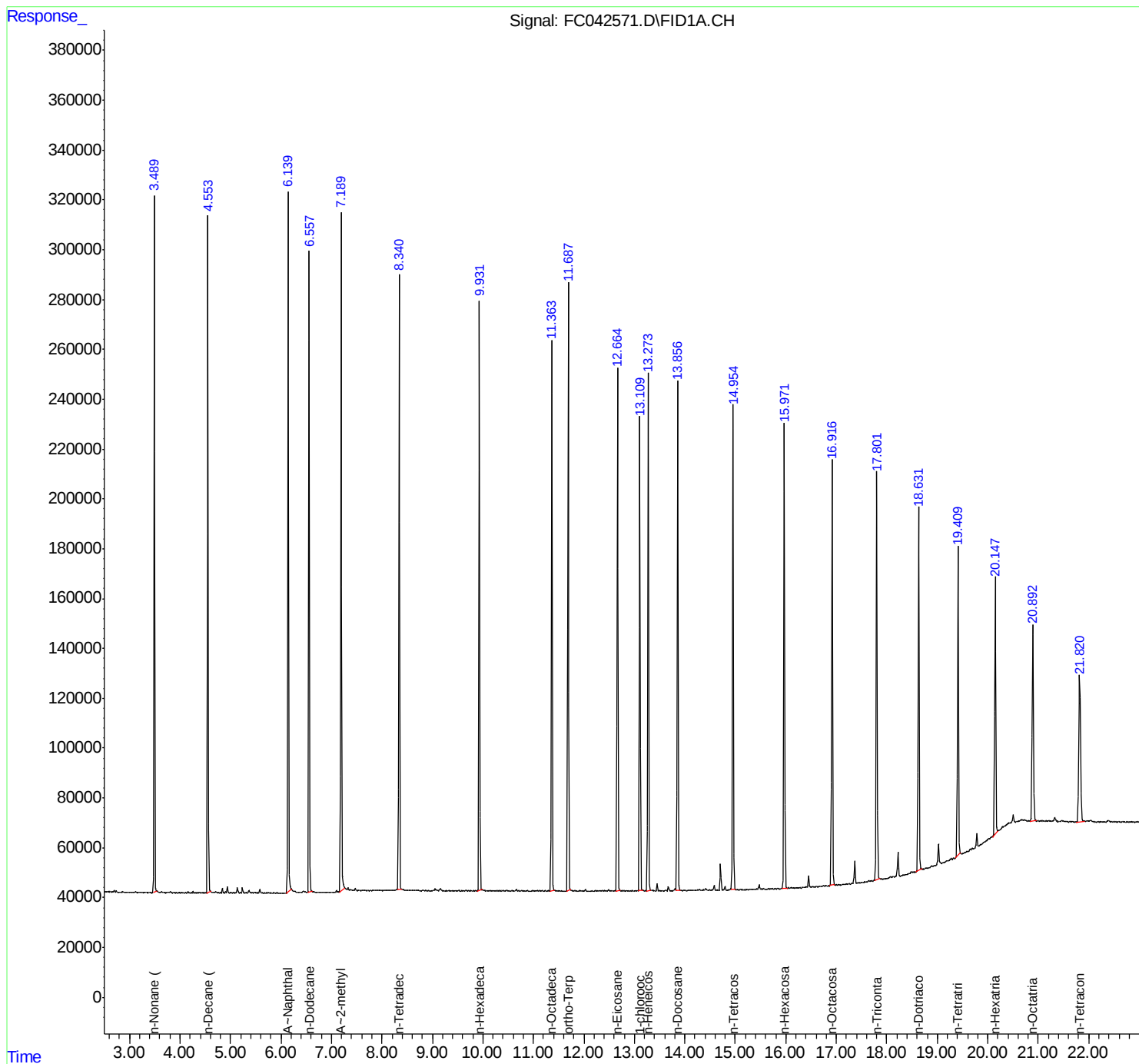
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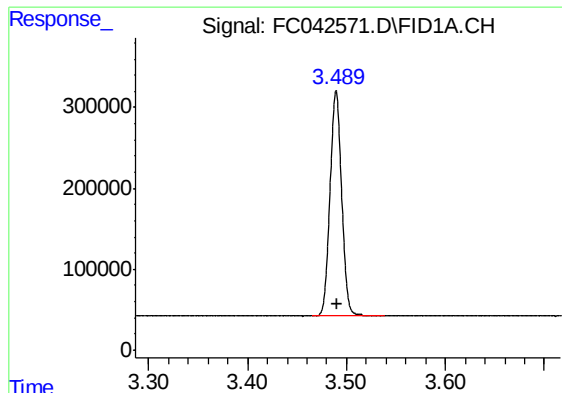
(m)=manual int.

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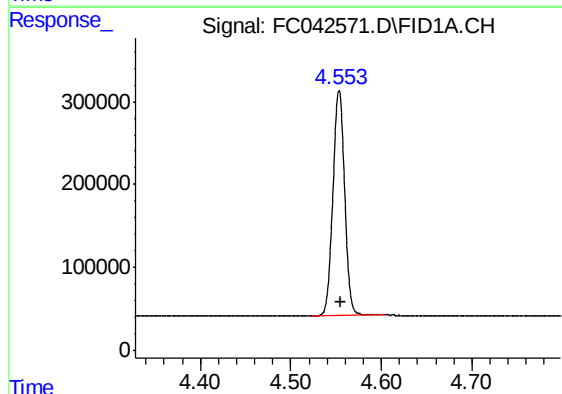
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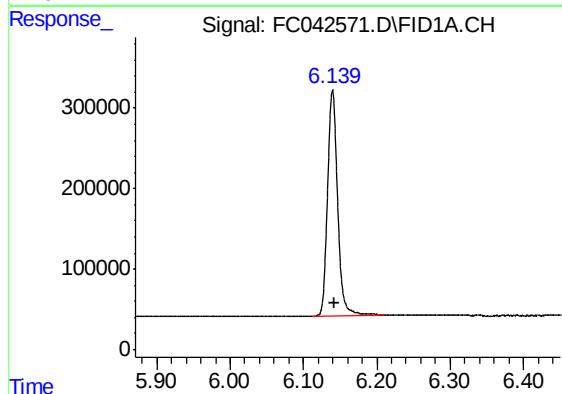
#1 n-Nonane (C9)

R.T.: 3.490 min
Delta R.T.: -0.001 min
Response: 2278898
Conc: 19.57 ug/ml



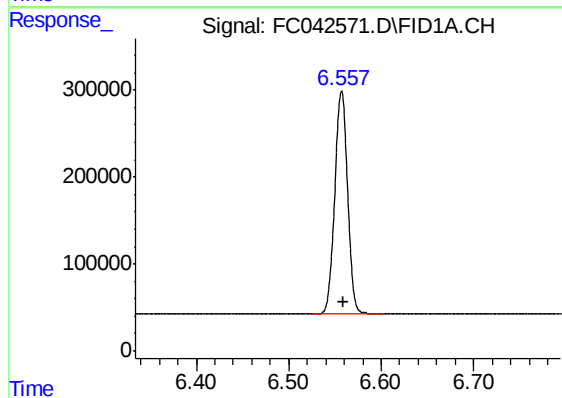
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.002 min
Response: 2440622
Conc: 20.69 ug/ml



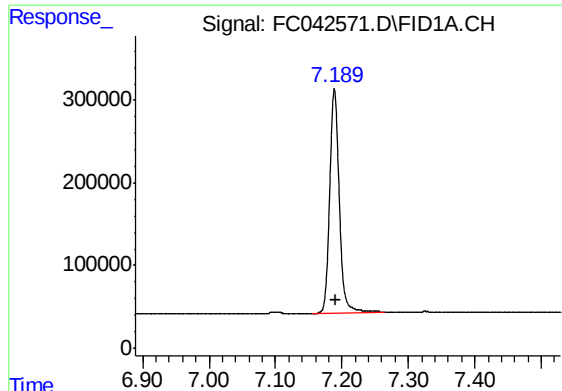
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 2678313
Conc: 20.63 ug/ml



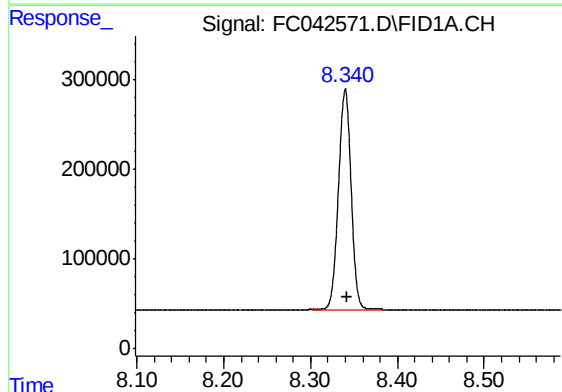
#4 n-Dodecane (C12)

R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 2476581
Conc: 20.87 ug/ml



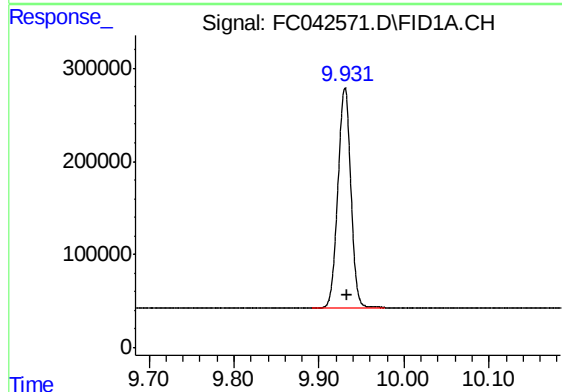
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 2703275
Conc: 20.80 ug/ml



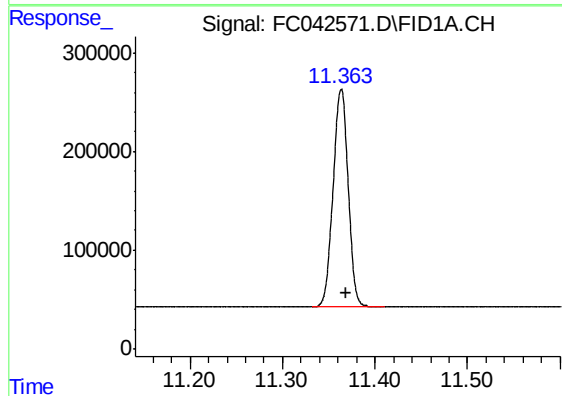
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: -0.002 min
Response: 2477978
Conc: 20.83 ug/ml



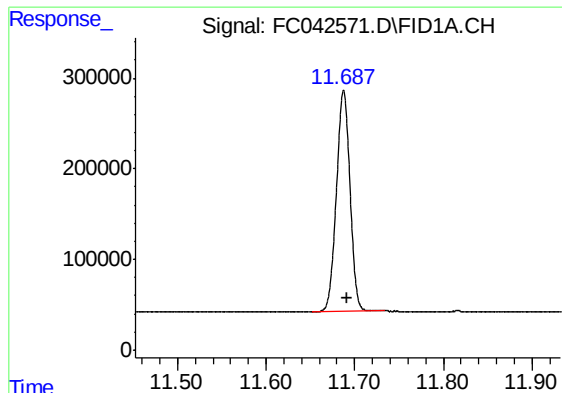
#7 n-Hexadecane (C16)

R.T.: 9.931 min
Delta R.T.: -0.003 min
Response: 2487016
Conc: 20.71 ug/ml



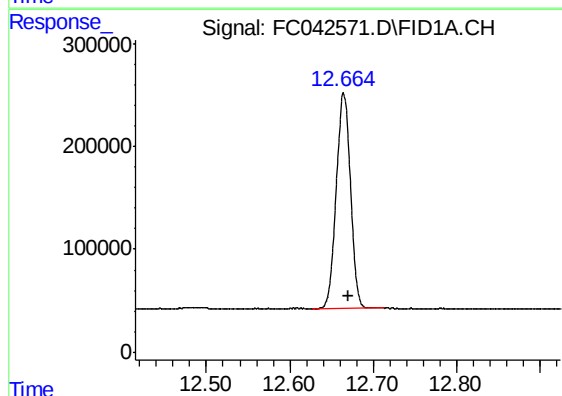
#8 n-Octadecane (C18)

R.T.: 11.364 min
Delta R.T.: -0.005 min
Response: 2489120
Conc: 20.40 ug/ml



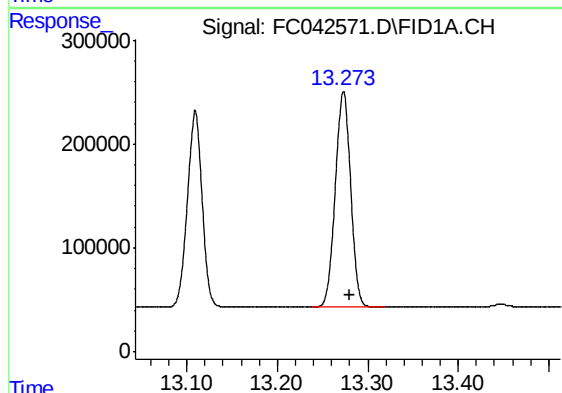
#9 ortho-Terphenyl (SURR)

R.T.: 11.688 min
Delta R.T.: -0.004 min
Response: 2591212
Conc: 19.58 ug/ml



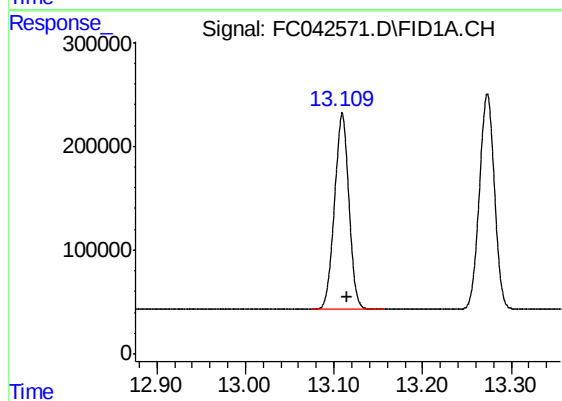
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.006 min
Response: 2483298
Conc: 19.91 ug/ml



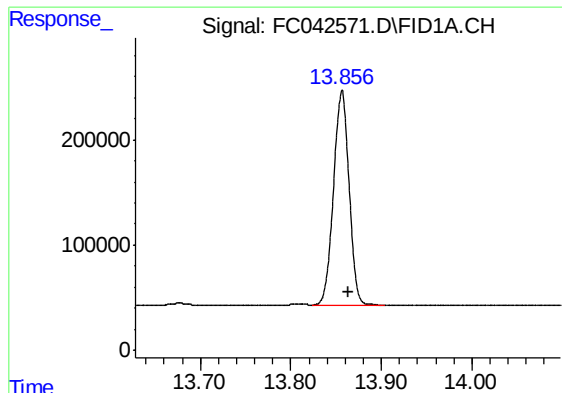
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: -0.007 min
Response: 2449313
Conc: 19.57 ug/ml



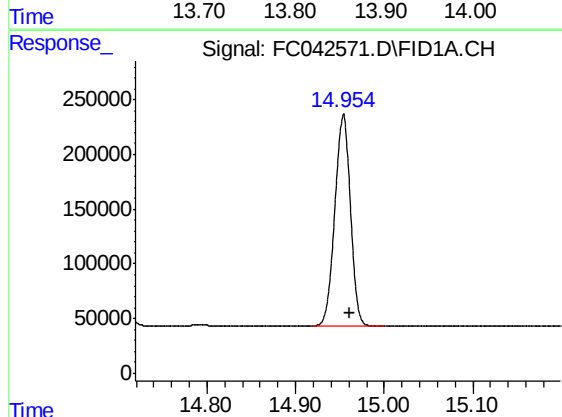
#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: -0.006 min
Response: 2132661
Conc: 19.45 ug/ml



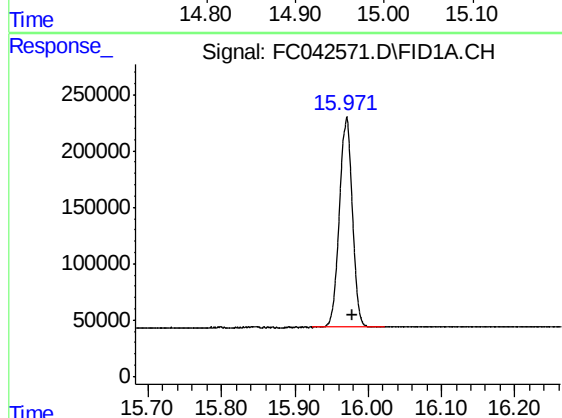
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: -0.008 min
Response: 2419624
Conc: 19.29 ug/ml



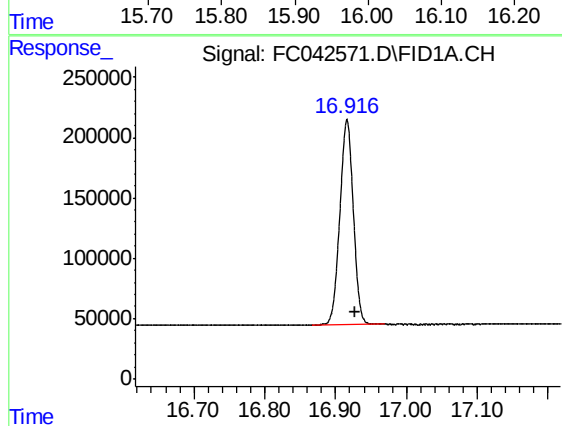
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: -0.008 min
Response: 2356548
Conc: 18.60 ug/ml



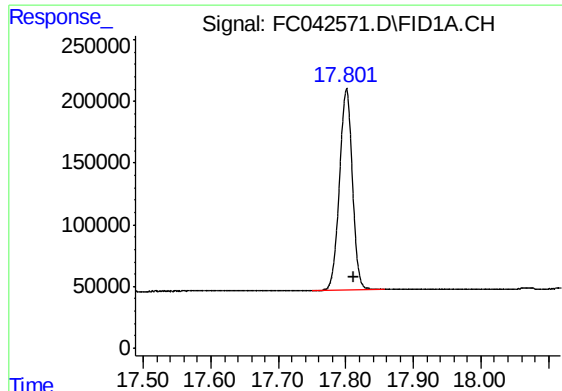
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: -0.008 min
Response: 2289363
Conc: 18.11 ug/ml



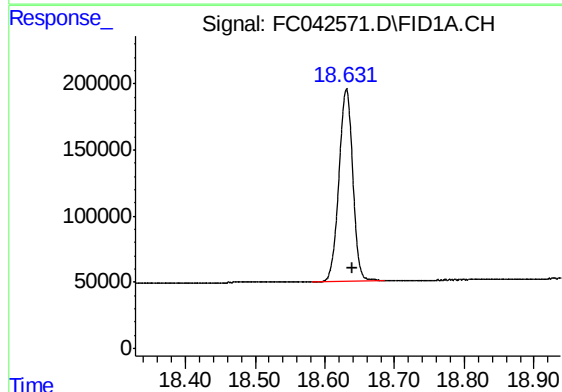
#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: -0.010 min
Response: 2239238
Conc: 17.74 ug/ml



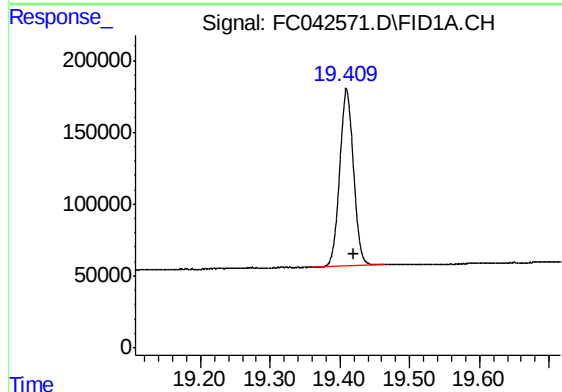
#17 n-Tricontane (C30)

R.T.: 17.801 min
Delta R.T.: -0.010 min
Response: 2162003
Conc: 17.64 ug/ml



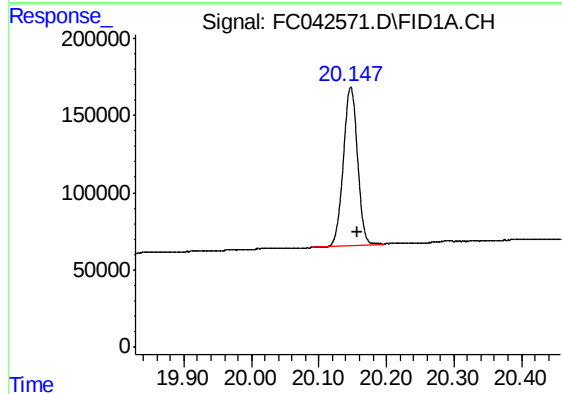
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.008 min
Response: 1998375
Conc: 17.89 ug/ml



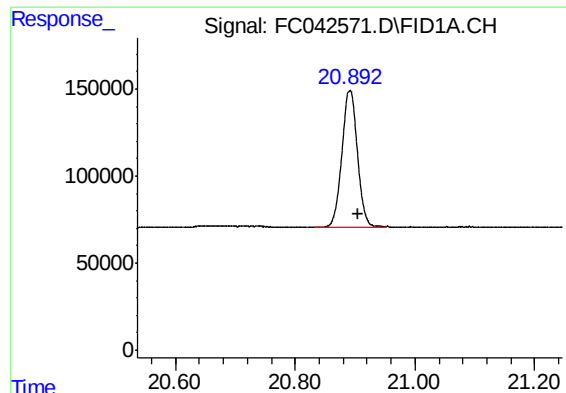
#19 n-Tetatriacontane (C34)

R.T.: 19.410 min
Delta R.T.: -0.011 min
Response: 1690466
Conc: 18.25 ug/ml



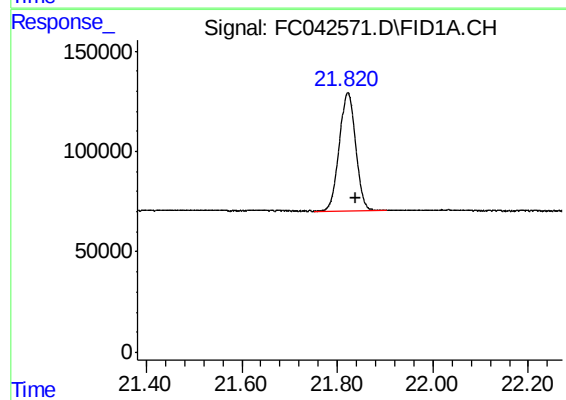
#20 n-Hexatriacontane (C36)

R.T.: 20.147 min
Delta R.T.: -0.010 min
Response: 1495955
Conc: 18.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.892 min
Delta R.T.: -0.013 min
Response: 1406320
Conc: 19.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.822 min
Delta R.T.: -0.015 min
Response: 1398459
Conc: 20.15 ug/ml