

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052920AL\
 Data File : FC047637.D
 Signal(s) : FID1A.CH
 Acq On : 29 May 2020 10:06
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 30 03:00:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 2020
 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)	11.738	2332226	19.510 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
12) S 1-chlorooctadecane (S...	13.151	1874456	19.111 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
Target Compounds			
1) T n-Nonane (C9)	3.545	2254112	22.235 ug/ml
2) T n-Decane (C10)	4.609	2284870	22.359 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2240497	21.517 ug/ml
4) T n-Dodecane (C12)	6.610	2325127	22.013 ug/ml
5) T A~2-methylnaphthalene...	7.255	2254652	21.470 ug/ml
6) T n-Tetradecane (C14)	8.388	2277255	21.529 ug/ml
7) T n-Hexadecane (C16)	9.975	2212854	20.914 ug/ml
8) T n-Octadecane (C18)	11.405	2253433	20.124 ug/ml
10) T n-Eicosane (C20)	12.705	2226844	19.570 ug/ml
11) T n-Heneicosane (C21)	13.313	2186318	19.231 ug/ml
13) T n-Docosane (C22)	13.895	2173747	19.129 ug/ml
14) T n-Tetracosane (C24)	14.991	2141931	18.931 ug/ml
15) T n-Hexacosane (C26)	16.006	2086303	18.627 ug/ml
16) T n-Octacosane (C28)	16.949	2087847	18.719 ug/ml
17) T n-Tricontane (C30)	17.832	2077462	19.214 ug/ml
18) T n-Dotriacontane (C32)	18.660	1937554	19.648 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1831609	19.969 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1763327	20.333 ug/ml
21) T n-Octatriacontane (C38)	20.925	1694148	20.997 ug/ml
22) T n-Tetracontane (C40)	21.865	1732698	21.307 ug/ml

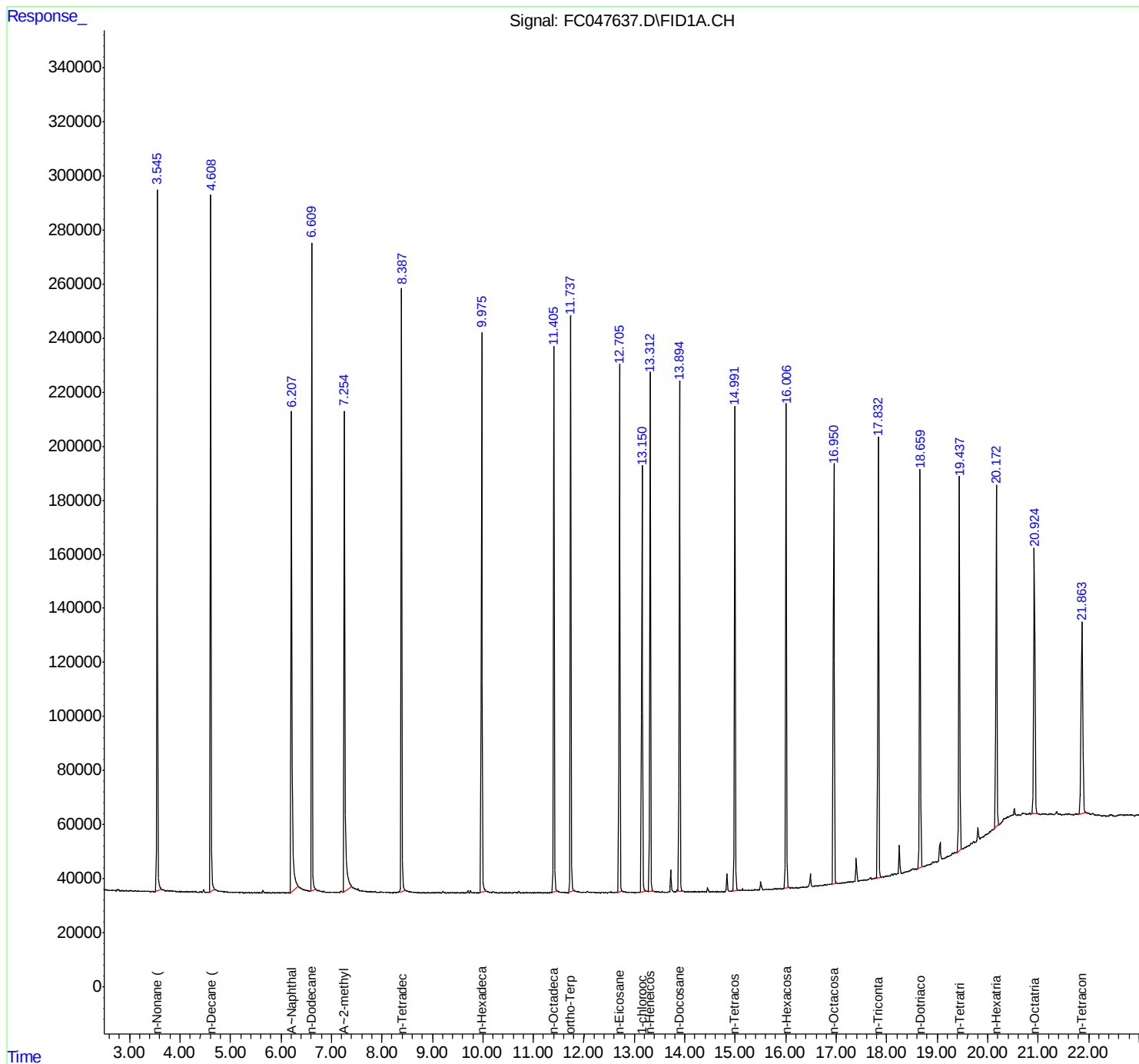
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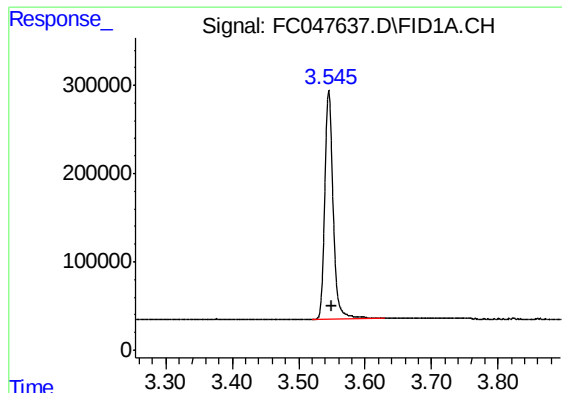
(m)=manual int.

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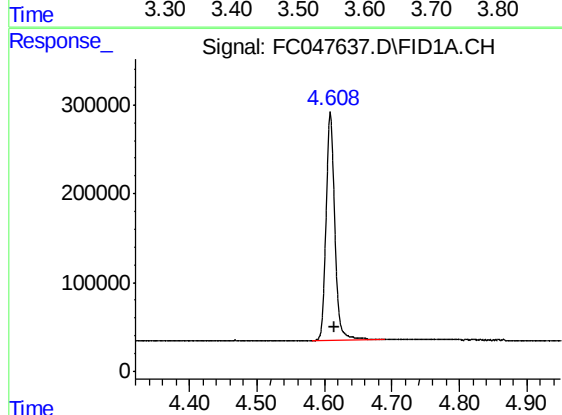
Volume Inj. : 1 ul
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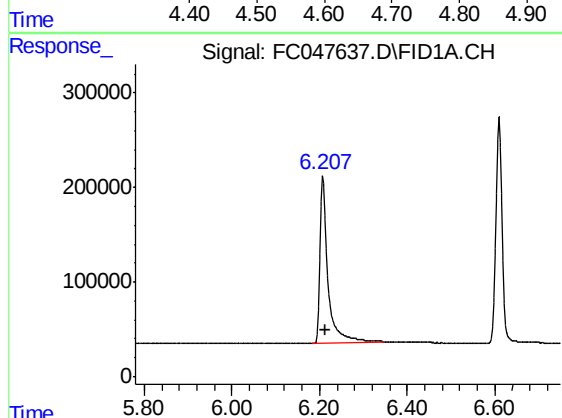
#1 n-Nonane (C9)

R.T.: 3.545 min
Delta R.T.: -0.005 min
Response: 2254112
Conc: 22.23 ug/ml



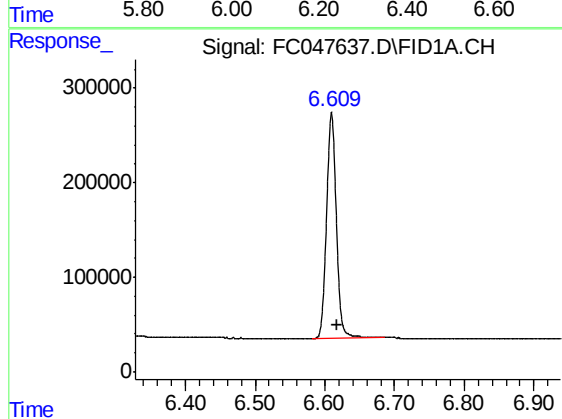
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.006 min
Response: 2284870
Conc: 22.36 ug/ml



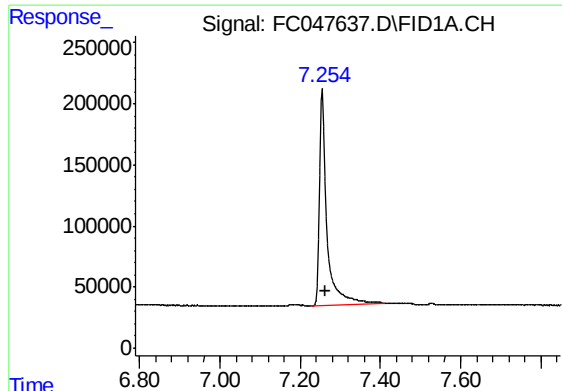
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.007 min
Response: 2240497
Conc: 21.52 ug/ml



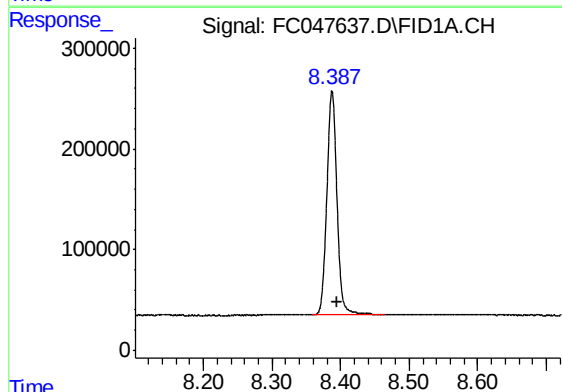
#4 n-Dodecane (C12)

R.T.: 6.610 min
Delta R.T.: -0.007 min
Response: 2325127
Conc: 22.01 ug/ml



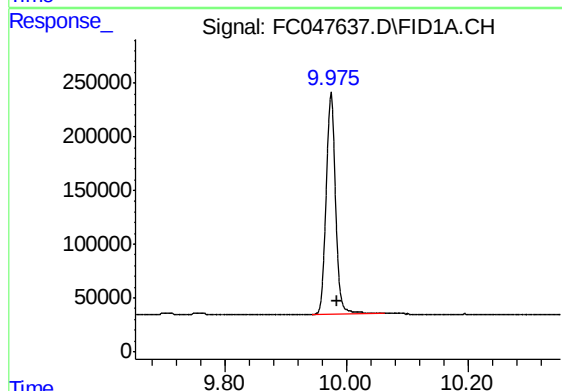
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: -0.008 min
Response: 2254652
Conc: 21.47 ug/ml



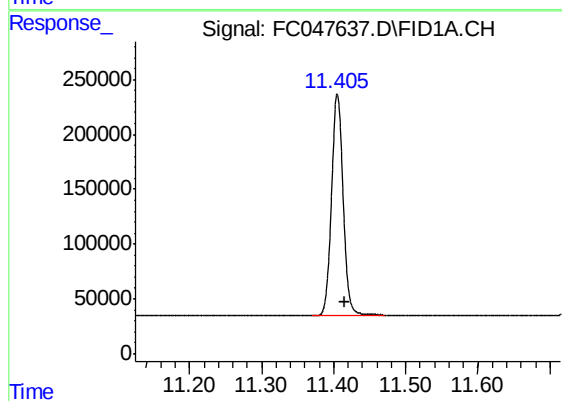
#6 n-Tetradecane (C14)

R.T.: 8.388 min
Delta R.T.: -0.007 min
Response: 2277255
Conc: 21.53 ug/ml



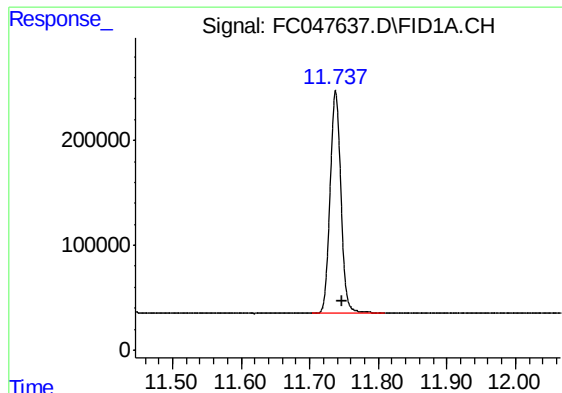
#7 n-Hexadecane (C16)

R.T.: 9.975 min
Delta R.T.: -0.009 min
Response: 2212854
Conc: 20.91 ug/ml



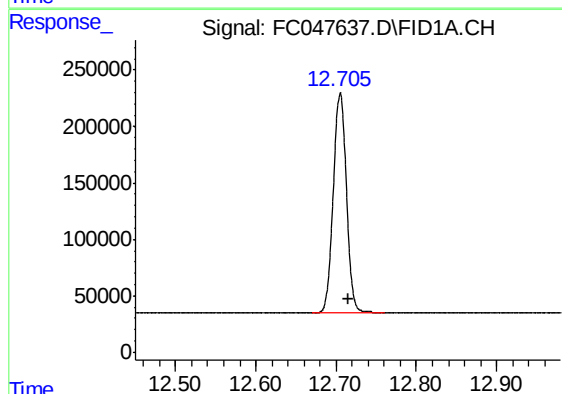
#8 n-Octadecane (C18)

R.T.: 11.405 min
Delta R.T.: -0.010 min
Response: 2253433
Conc: 20.12 ug/ml



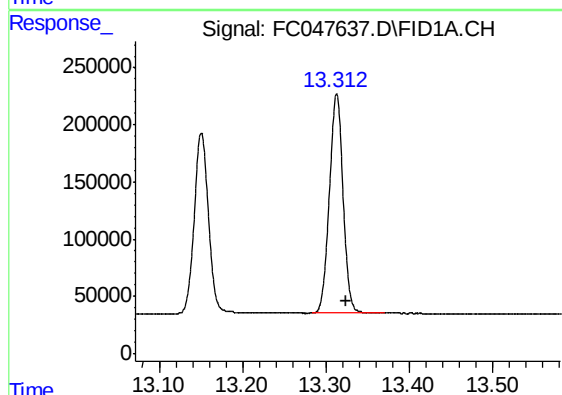
#9 ortho-Terphenyl (SURR)

R.T.: 11.738 min
Delta R.T.: -0.010 min
Response: 2332226
Conc: 19.51 ug/ml



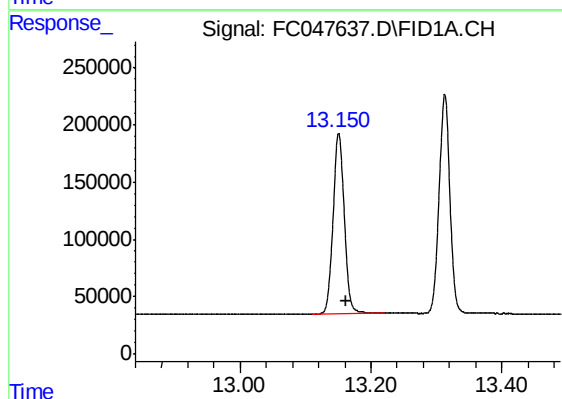
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: -0.010 min
Response: 2226844
Conc: 19.57 ug/ml



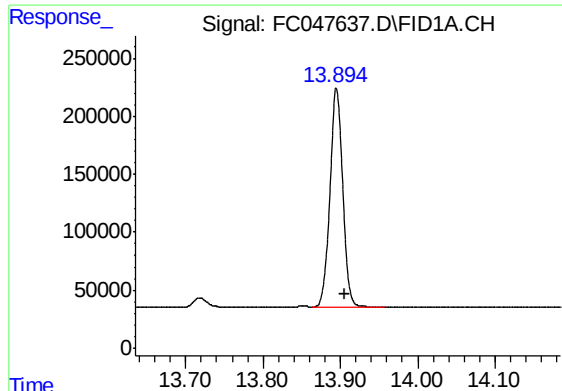
#11 n-Heneicosane (C21)

R.T.: 13.313 min
Delta R.T.: -0.011 min
Response: 2186318
Conc: 19.23 ug/ml



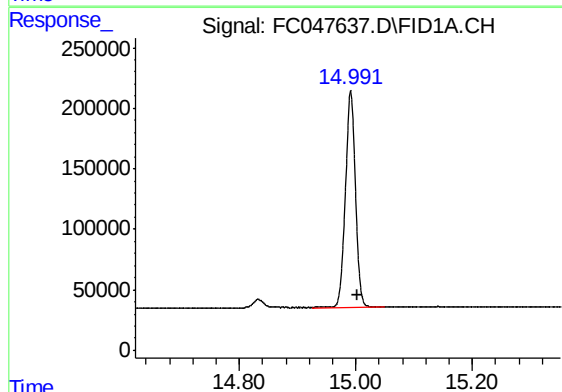
#12 1-chlorooctadecane (SURR)

R.T.: 13.151 min
Delta R.T.: -0.010 min
Response: 1874456
Conc: 19.11 ug/ml



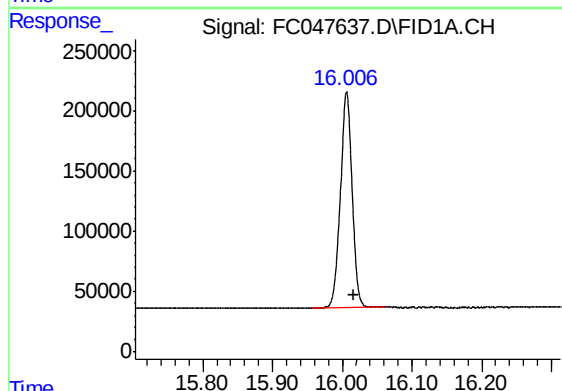
#13 n-Docosane (C22)

R.T.: 13.895 min
Delta R.T.: -0.012 min
Response: 2173747
Conc: 19.13 ug/ml



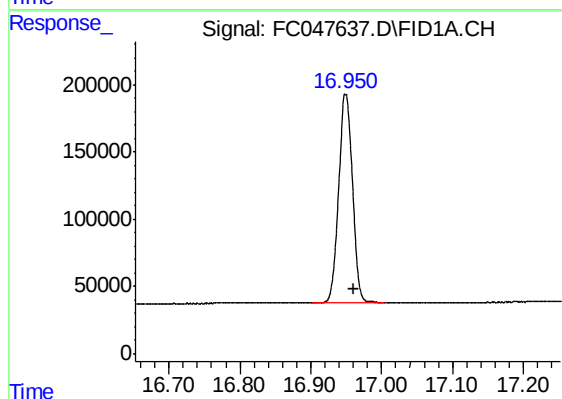
#14 n-Tetracosane (C24)

R.T.: 14.991 min
Delta R.T.: -0.011 min
Response: 2141931
Conc: 18.93 ug/ml



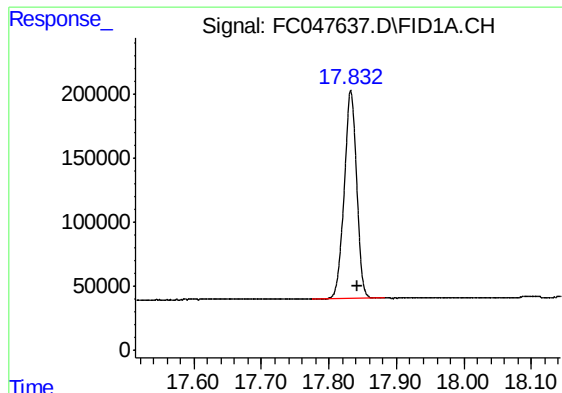
#15 n-Hexacosane (C26)

R.T.: 16.006 min
Delta R.T.: -0.010 min
Response: 2086303
Conc: 18.63 ug/ml



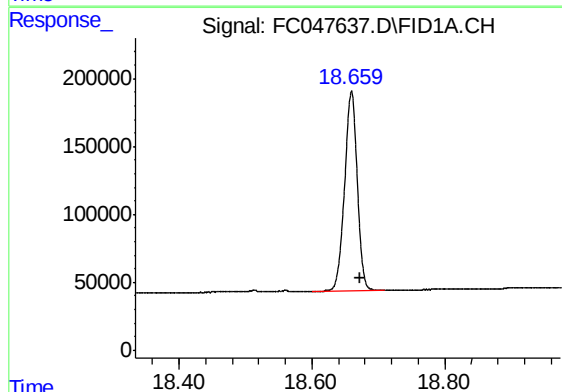
#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.012 min
Response: 2087847
Conc: 18.72 ug/ml



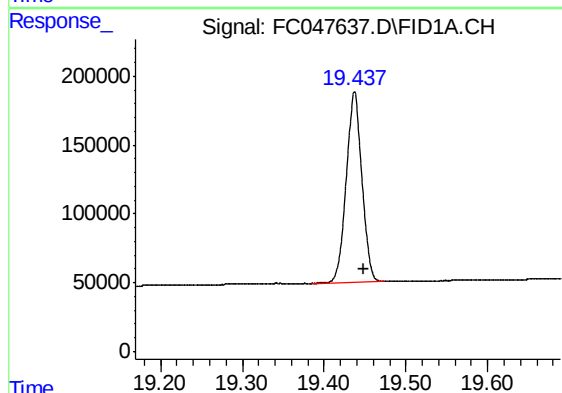
#17 n-Tricontane (C30)

R.T.: 17.832 min
Delta R.T.: -0.010 min
Response: 2077462
Conc: 19.21 ug/ml



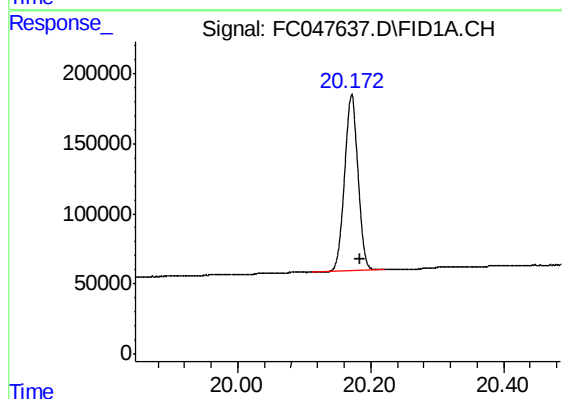
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: -0.012 min
Response: 1937554
Conc: 19.65 ug/ml



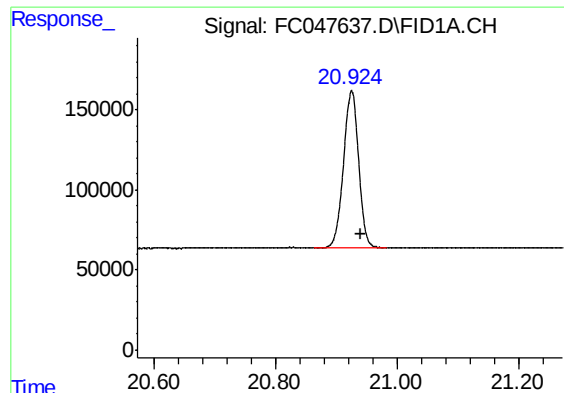
#19 n-Tetatriacontane (C34)

R.T.: 19.437 min
Delta R.T.: -0.011 min
Response: 1831609
Conc: 19.97 ug/ml



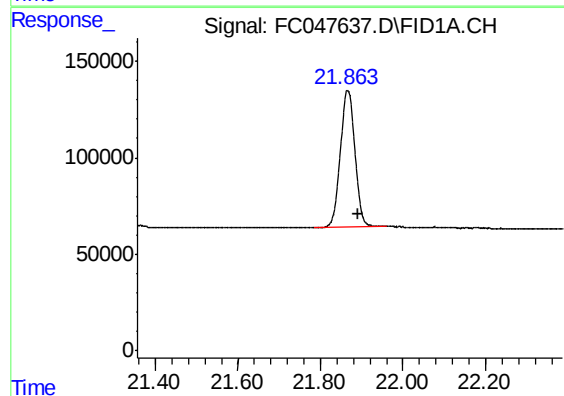
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: -0.012 min
Response: 1763327
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: -0.014 min
Response: 1694148
Conc: 21.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.865 min
Delta R.T.: -0.028 min
Response: 1732698
Conc: 21.31 ug/ml