

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071219AL\
 Data File : FC042339.D
 Signal(s) : FID1A.CH
 Acq On : 12 Jul 2019 11:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 12 13:32:29 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)	11.702	2823109	21.330 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
12) S 1-chlorooctadecane (S...	13.126	2305481	21.030 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
Target Compounds			
1) T n-Nonane (C9)	3.497	2510782	21.565 ug/ml
2) T n-Decane (C10)	4.561	2605172	22.081 ug/ml
3) T A~Naphthalene (C11.7)	6.149	2872894	22.131 ug/ml
4) T n-Dodecane (C12)	6.566	2624433	22.118 ug/ml
5) T A~2-methylnaphthalene...	7.199	2876289	22.136 ug/ml
6) T n-Tetradecane (C14)	8.350	2638583	22.177 ug/ml
7) T n-Hexadecane (C16)	9.942	2644319	22.023 ug/ml
8) T n-Octadecane (C18)	11.378	2666203	21.847 ug/ml
10) T n-Eicosane (C20)	12.681	2669659	21.406 ug/ml
11) T n-Heneicosane (C21)	13.290	2642020	21.106 ug/ml
13) T n-Docosane (C22)	13.873	2613176	20.835 ug/ml
14) T n-Tetracosane (C24)	14.973	2551287	20.141 ug/ml
15) T n-Hexacosane (C26)	15.990	2476279	19.584 ug/ml
16) T n-Octacosane (C28)	16.936	2425603	19.222 ug/ml
17) T n-Tricontane (C30)	17.821	2363842	19.282 ug/ml
18) T n-Dotriacontane (C32)	18.651	2187772	19.581 ug/ml
19) T n-Tetratriacontane (C34)	19.432	1869649	20.188 ug/ml
20) T n-Hexatriacontane (C36)	20.170	1645890	20.652 ug/ml
21) T n-Octatriacontane (C38)	20.919	1555430	21.695 ug/ml
22) T n-Tetracontane (C40)	21.862	1592559	22.950 ug/ml

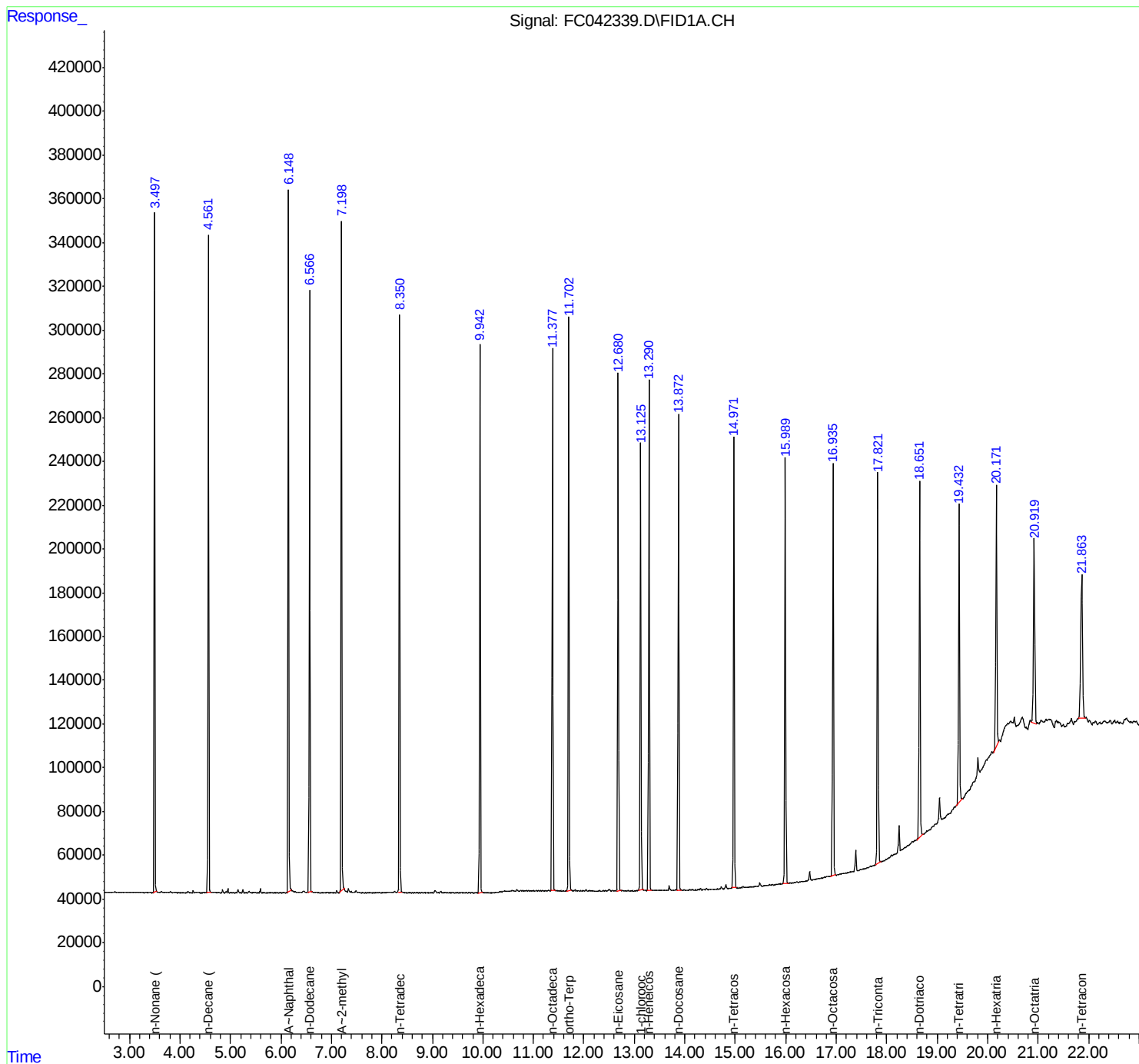
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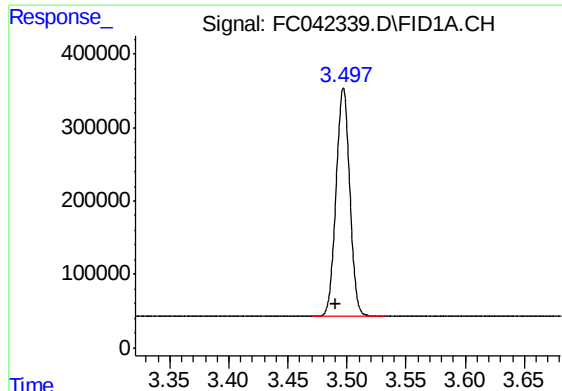
(m)=manual int.

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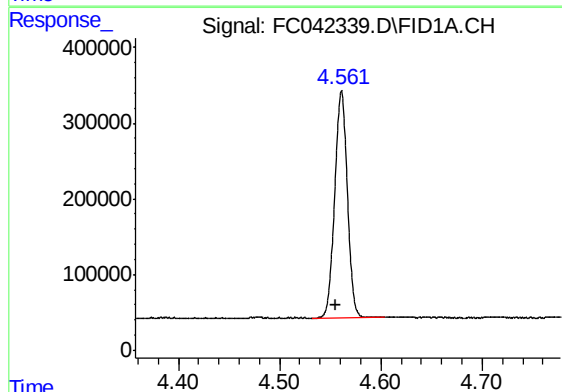
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





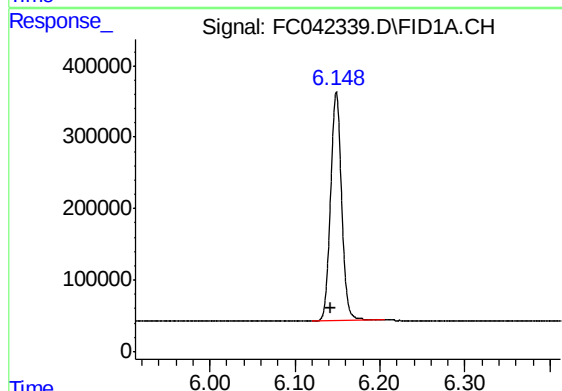
#1 n-Nonane (C9)

R.T.: 3.497 min
Delta R.T.: 0.006 min
Response: 2510782
Conc: 21.57 ug/ml



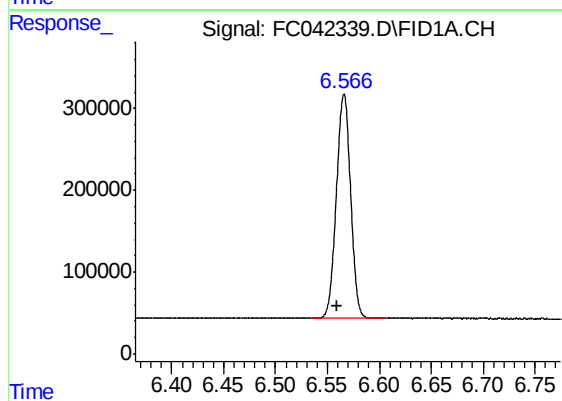
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: 0.006 min
Response: 2605172
Conc: 22.08 ug/ml



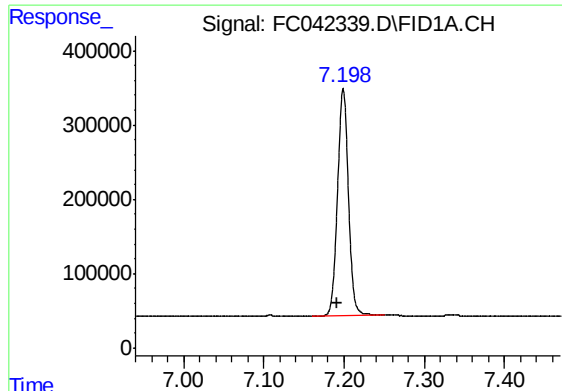
#3 A~Naphthalene (C11.7)

R.T.: 6.149 min
Delta R.T.: 0.007 min
Response: 2872894
Conc: 22.13 ug/ml



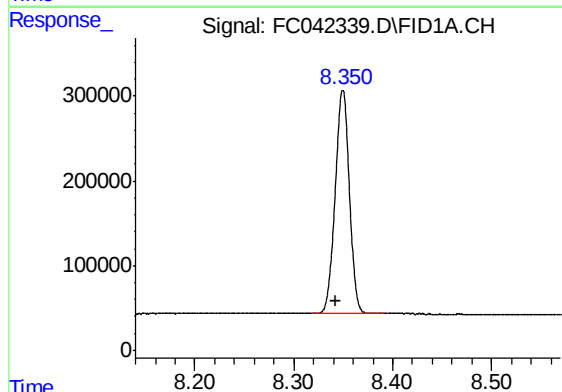
#4 n-Dodecane (C12)

R.T.: 6.566 min
Delta R.T.: 0.007 min
Response: 2624433
Conc: 22.12 ug/ml



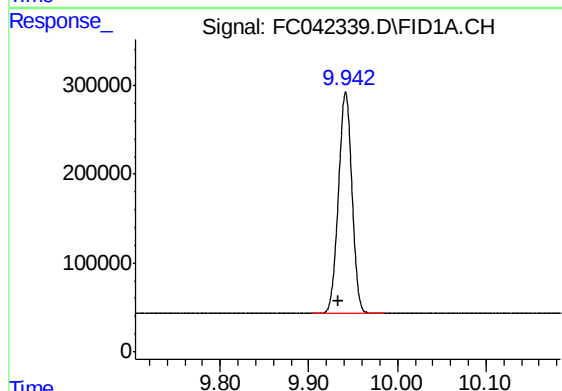
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.199 min
Delta R.T.: 0.008 min
Response: 2876289
Conc: 22.14 ug/ml



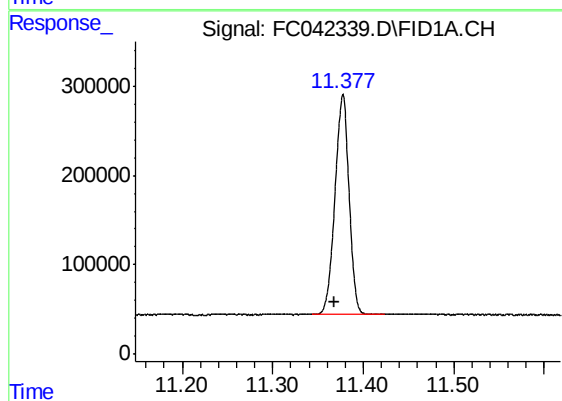
#6 n-Tetradecane (C14)

R.T.: 8.350 min
Delta R.T.: 0.008 min
Response: 2638583
Conc: 22.18 ug/ml



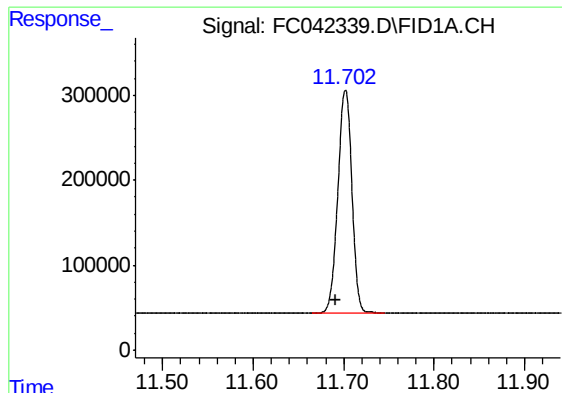
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: 0.008 min
Response: 2644319
Conc: 22.02 ug/ml



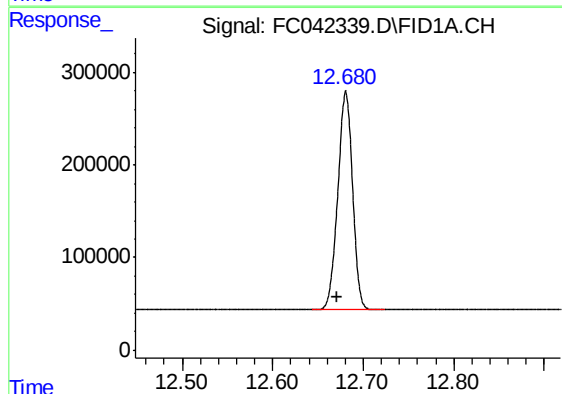
#8 n-Octadecane (C18)

R.T.: 11.378 min
Delta R.T.: 0.009 min
Response: 2666203
Conc: 21.85 ug/ml



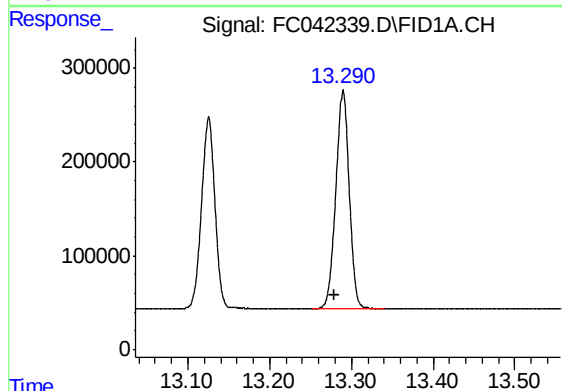
#9 ortho-Terphenyl (SURR)

R.T.: 11.702 min
Delta R.T.: 0.011 min
Response: 2823109
Conc: 21.33 ug/ml



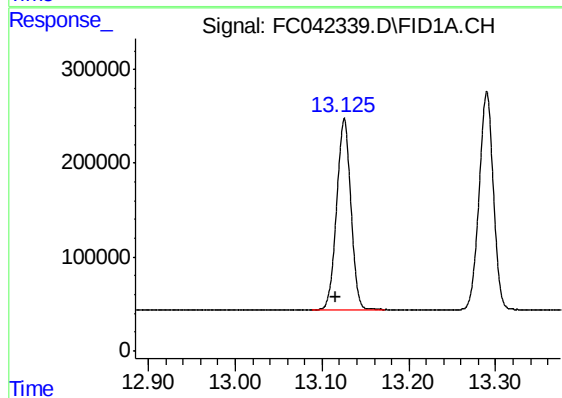
#10 n-Eicosane (C20)

R.T.: 12.681 min
Delta R.T.: 0.010 min
Response: 2669659
Conc: 21.41 ug/ml



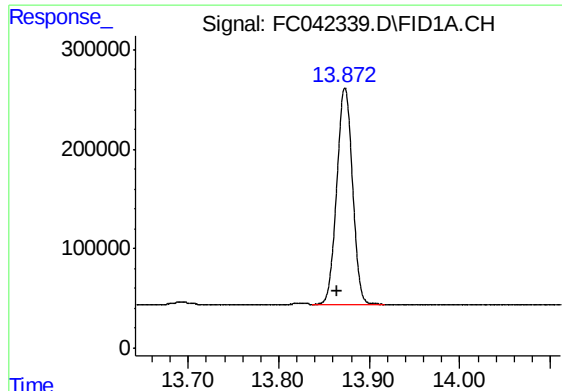
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: 0.010 min
Response: 2642020
Conc: 21.11 ug/ml



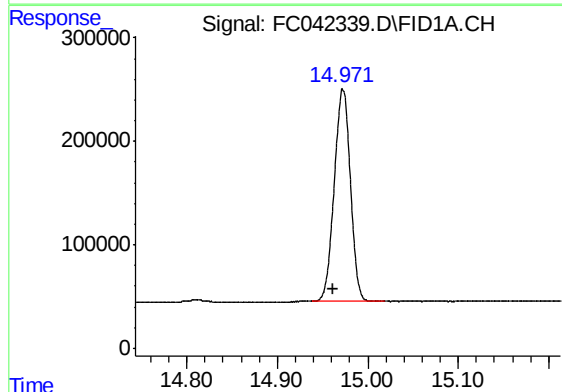
#12 1-chlorooctadecane (SURR)

R.T.: 13.126 min
Delta R.T.: 0.010 min
Response: 2305481
Conc: 21.03 ug/ml



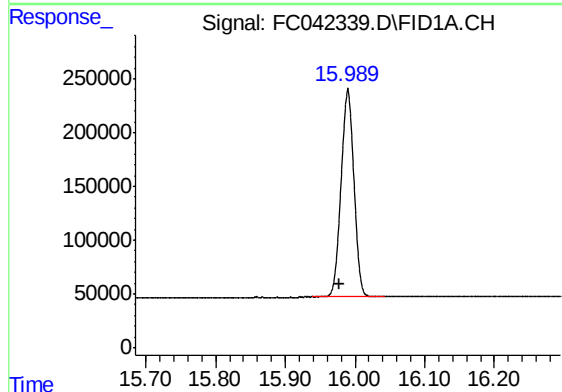
#13 n-Docosane (C22)

R.T.: 13.873 min
Delta R.T.: 0.009 min
Response: 2613176
Conc: 20.83 ug/ml



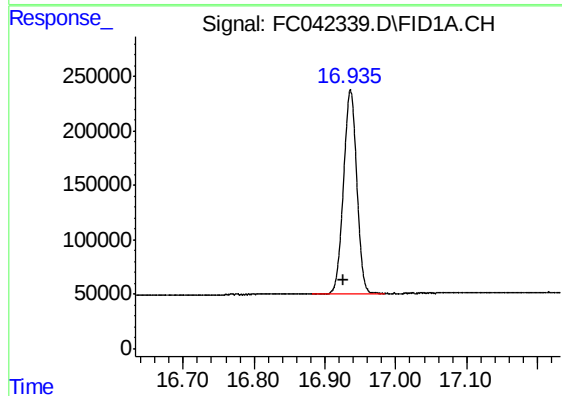
#14 n-Tetracosane (C24)

R.T.: 14.973 min
Delta R.T.: 0.011 min
Response: 2551287
Conc: 20.14 ug/ml



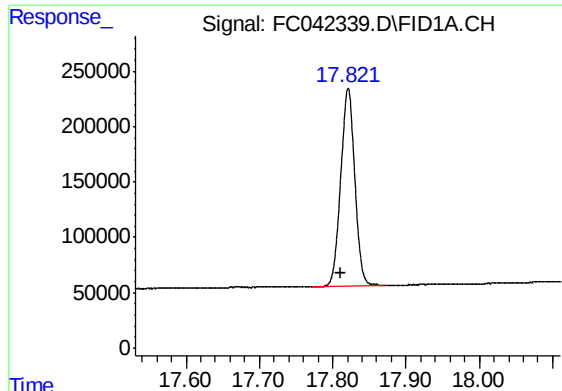
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: 0.011 min
Response: 2476279
Conc: 19.58 ug/ml



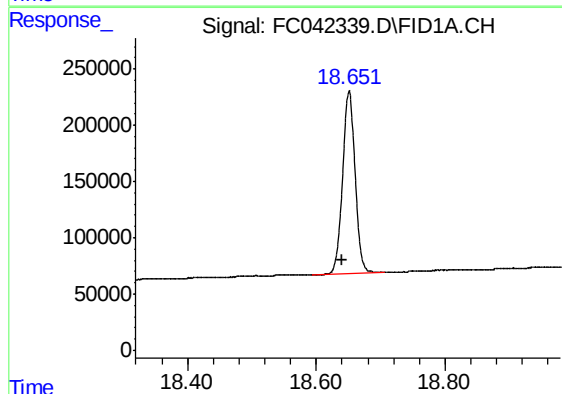
#16 n-Octacosane (C28)

R.T.: 16.936 min
Delta R.T.: 0.010 min
Response: 2425603
Conc: 19.22 ug/ml



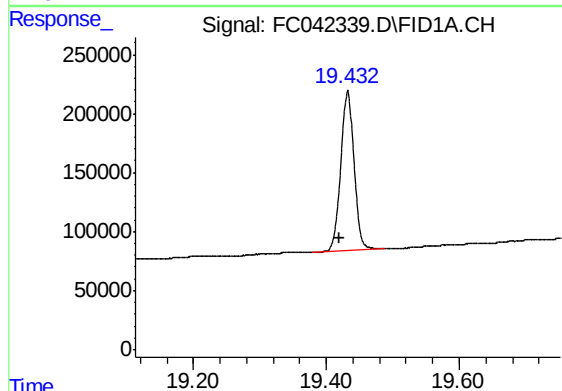
#17 n-Tricontane (C30)

R.T.: 17.821 min
Delta R.T.: 0.010 min
Response: 2363842
Conc: 19.28 ug/ml



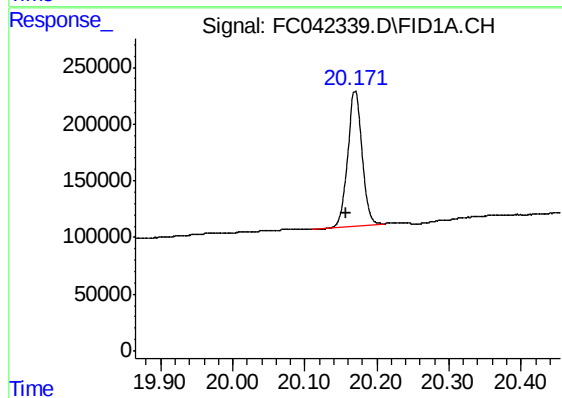
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: 0.012 min
Response: 2187772
Conc: 19.58 ug/ml



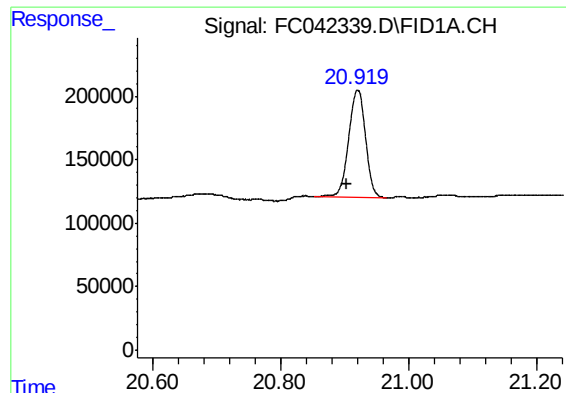
#19 n-Tetatriacontane (C34)

R.T.: 19.432 min
Delta R.T.: 0.012 min
Response: 1869649
Conc: 20.19 ug/ml



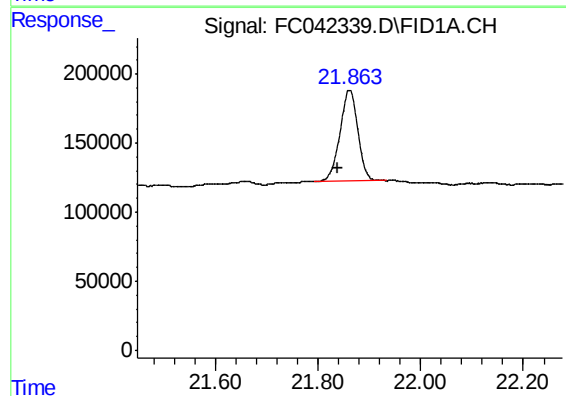
#20 n-Hexatriacontane (C36)

R.T.: 20.170 min
Delta R.T.: 0.012 min
Response: 1645890
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: 0.015 min
Response: 1555430
Conc: 21.70 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.862 min
Delta R.T.: 0.025 min
Response: 1592559
Conc: 22.95 ug/ml