

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021420AL\
 Data File : FC045837.D
 Signal(s) : FID1A.CH
 Acq On : 14 Feb 2020 21:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 23:29:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.756	2112047	19.213 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
12) S 1-chlorooctadecane (S...	13.176	1635973	18.816 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T n-Nonane (C9)	3.526	2134431	22.067 ug/ml
2) T n-Decane (C10)	4.597	2134787	22.042 ug/ml
3) T A~Naphthalene (C11.7)	6.197	2312264	21.649 ug/ml
4) T n-Dodecane (C12)	6.609	2153456	22.028 ug/ml
5) T A~2-methylnaphthalene...	7.249	2303609	21.490 ug/ml
6) T n-Tetradecane (C14)	8.396	2135930	21.675 ug/ml
7) T n-Hexadecane (C16)	9.989	2099496	20.971 ug/ml
8) T n-Octadecane (C18)	11.425	2060563	20.231 ug/ml
10) T n-Eicosane (C20)	12.729	1997893	19.481 ug/ml
11) T n-Heneicosane (C21)	13.338	1972053	19.052 ug/ml
13) T n-Docosane (C22)	13.923	1926603	18.673 ug/ml
14) T n-Tetracosane (C24)	15.021	1868936	17.986 ug/ml
15) T n-Hexacosane (C26)	16.039	1808695	17.507 ug/ml
16) T n-Octacosane (C28)	16.985	1769327	17.310 ug/ml
17) T n-Tricontane (C30)	17.870	1715780	17.478 ug/ml
18) T n-Dotriacontane (C32)	18.698	1488197	17.885 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1284860	18.156 ug/ml
20) T n-Hexatriacontane (C36)	20.216	1199346	18.705 ug/ml
21) T n-Octatriacontane (C38)	20.980	1116660	19.092 ug/ml
22) T n-Tetracontane (C40)	21.945	1167845	19.797 ug/ml

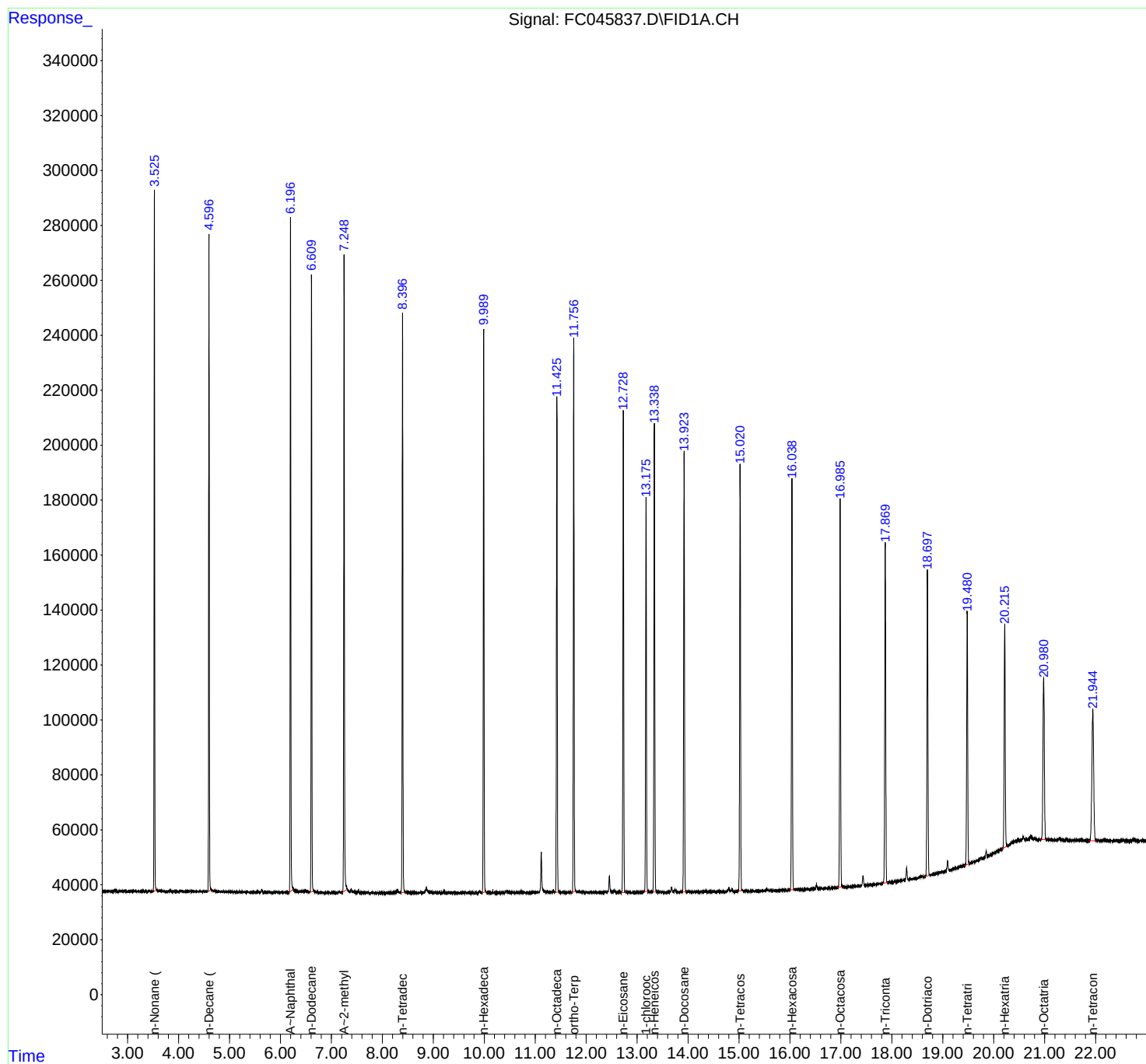
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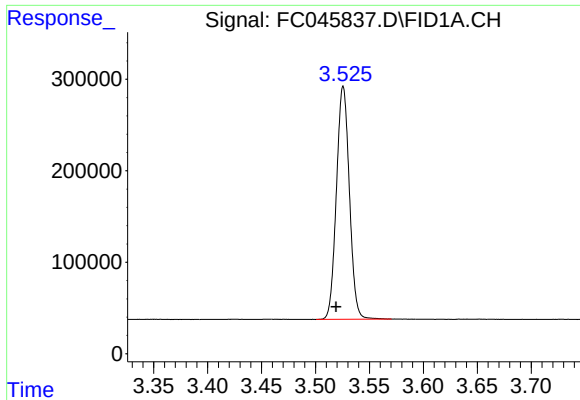
(m)=manual int.

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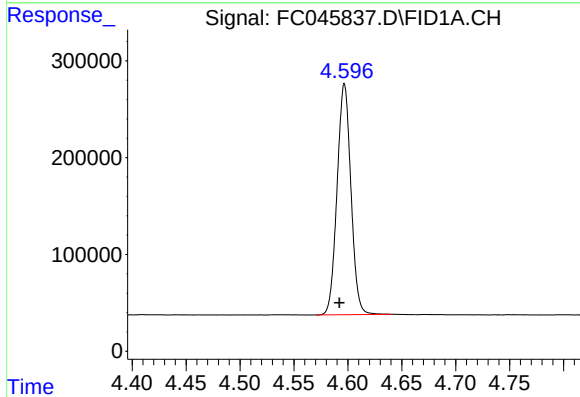
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





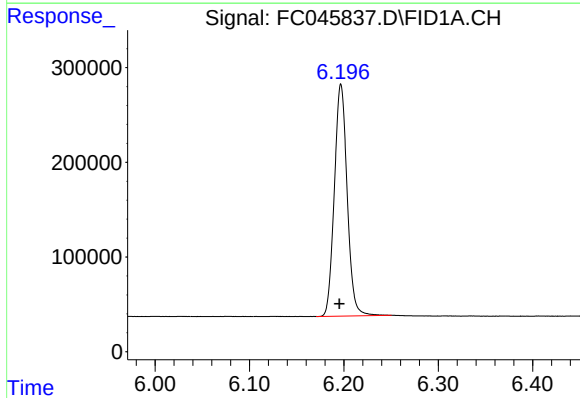
#1 n-Nonane (C9)

R.T.: 3.526 min
Delta R.T.: 0.007 min
Response: 2134431
Conc: 22.07 ug/ml



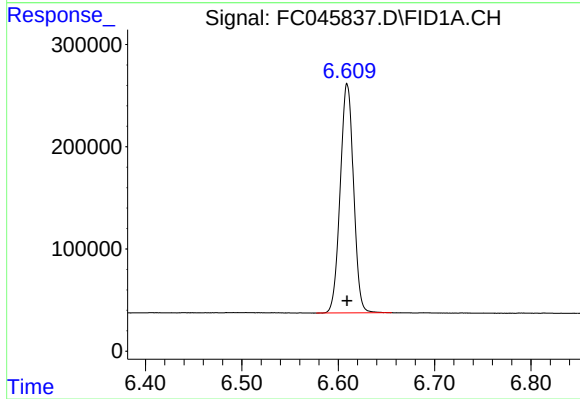
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.005 min
Response: 2134787
Conc: 22.04 ug/ml



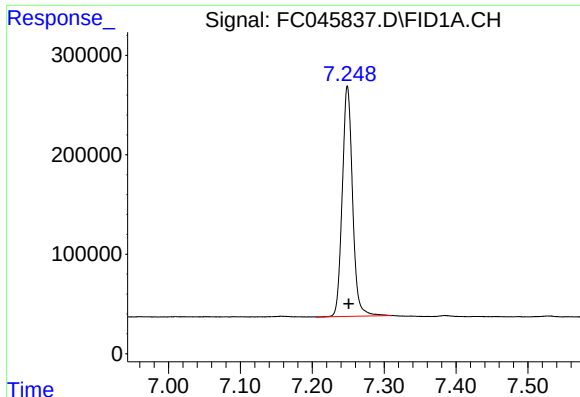
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 2312264
Conc: 21.65 ug/ml



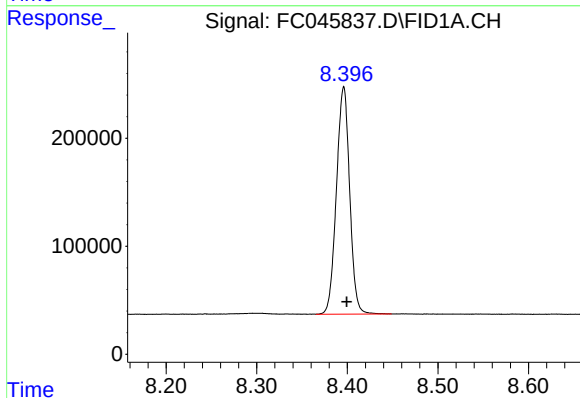
#4 n-Dodecane (C12)

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 2153456
Conc: 22.03 ug/ml



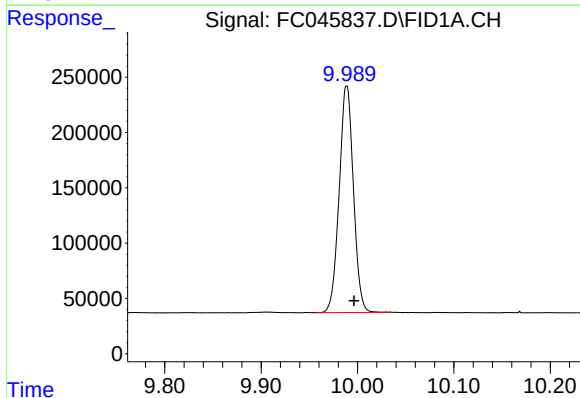
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.249 min
Delta R.T.: -0.002 min
Response: 2303609
Conc: 21.49 ug/ml



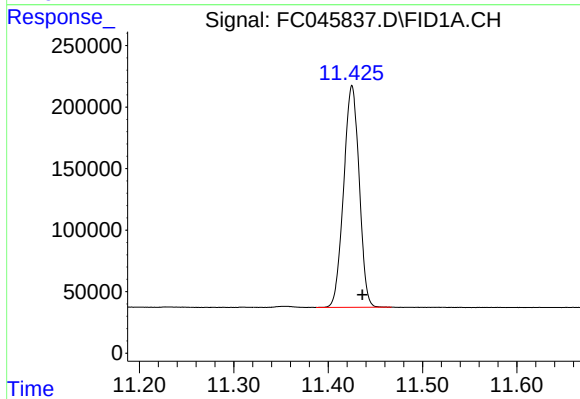
#6 n-Tetradecane (C14)

R.T.: 8.396 min
Delta R.T.: -0.003 min
Response: 2135930
Conc: 21.68 ug/ml



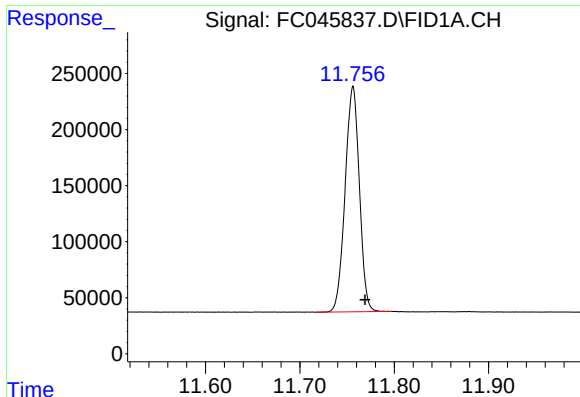
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.008 min
Response: 2099496
Conc: 20.97 ug/ml



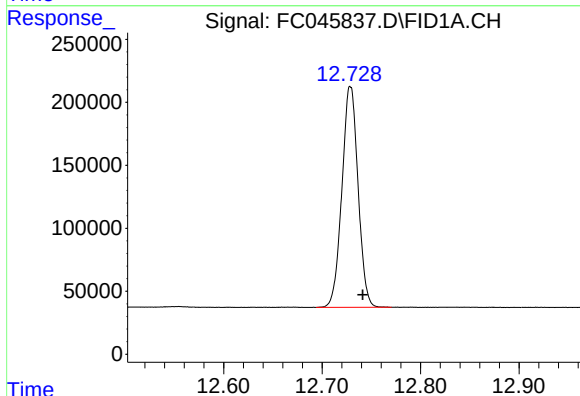
#8 n-Octadecane (C18)

R.T.: 11.425 min
Delta R.T.: -0.011 min
Response: 2060563
Conc: 20.23 ug/ml



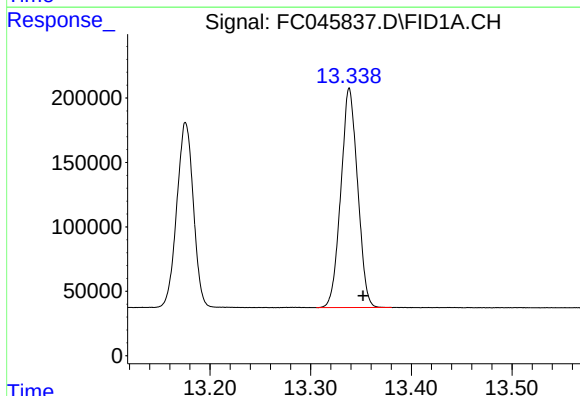
#9 ortho-Terphenyl (SURR)

R.T.: 11.756 min
Delta R.T.: -0.013 min
Response: 2112047
Conc: 19.21 ug/ml



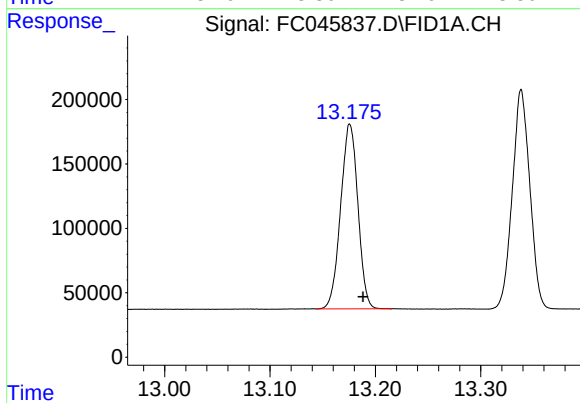
#10 n-Eicosane (C20)

R.T.: 12.729 min
Delta R.T.: -0.012 min
Response: 1997893
Conc: 19.48 ug/ml



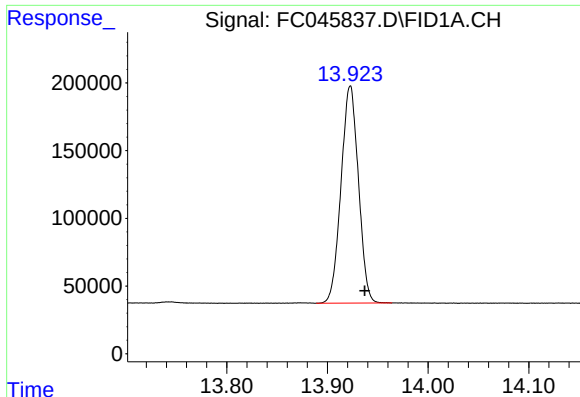
#11 n-Heneicosane (C21)

R.T.: 13.338 min
Delta R.T.: -0.014 min
Response: 1972053
Conc: 19.05 ug/ml



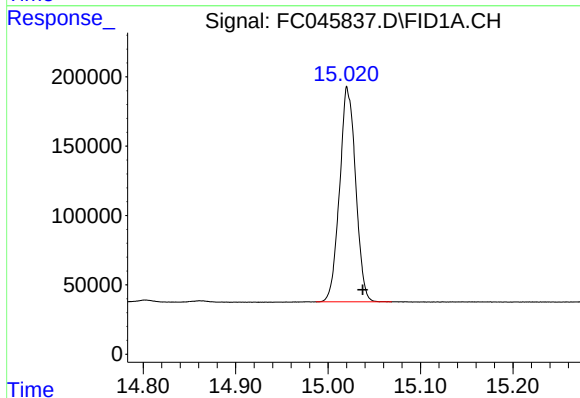
#12 1-chlorooctadecane (SURR)

R.T.: 13.176 min
Delta R.T.: -0.013 min
Response: 1635973
Conc: 18.82 ug/ml



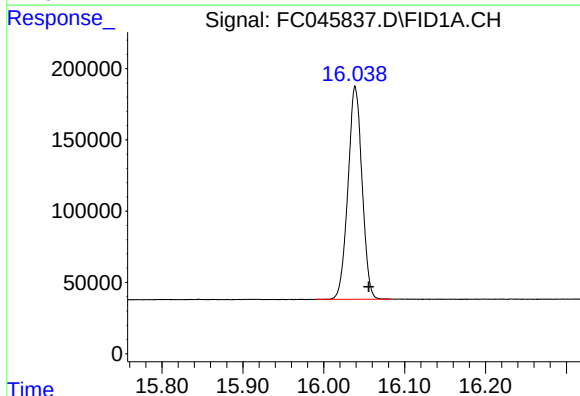
#13 n-Docosane (C22)

R.T.: 13.923 min
Delta R.T.: -0.014 min
Response: 1926603
Conc: 18.67 ug/ml



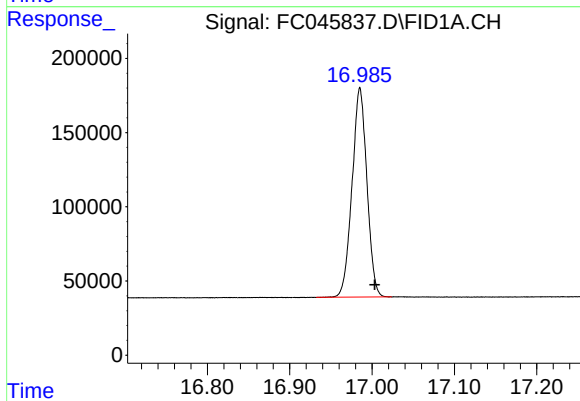
#14 n-Tetracosane (C24)

R.T.: 15.021 min
Delta R.T.: -0.017 min
Response: 1868936
Conc: 17.99 ug/ml



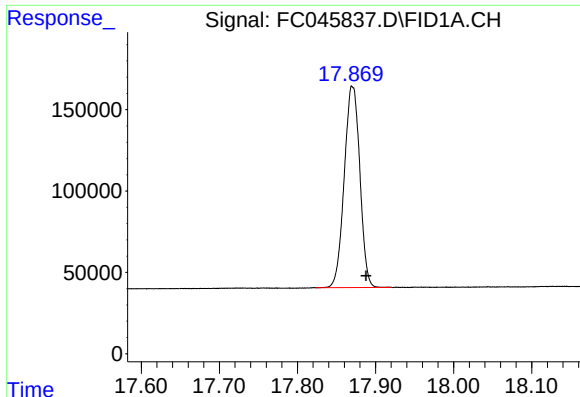
#15 n-Hexacosane (C26)

R.T.: 16.039 min
Delta R.T.: -0.017 min
Response: 1808695
Conc: 17.51 ug/ml



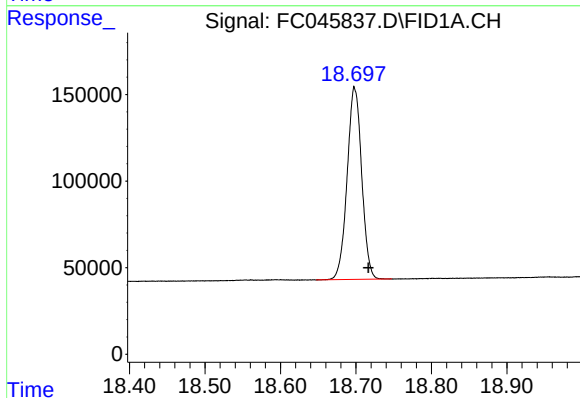
#16 n-Octacosane (C28)

R.T.: 16.985 min
Delta R.T.: -0.018 min
Response: 1769327
Conc: 17.31 ug/ml



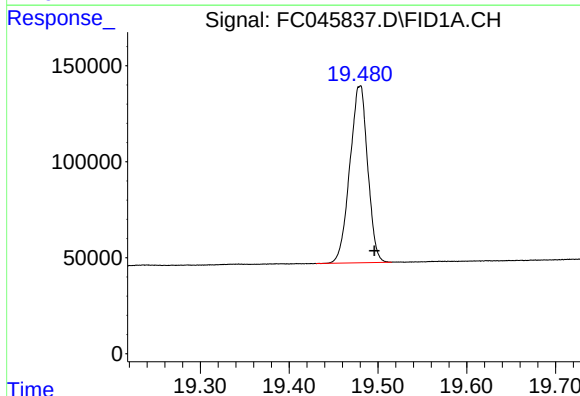
#17 n-Tricontane (C30)

R.T.: 17.870 min
Delta R.T.: -0.018 min
Response: 1715780
Conc: 17.48 ug/ml



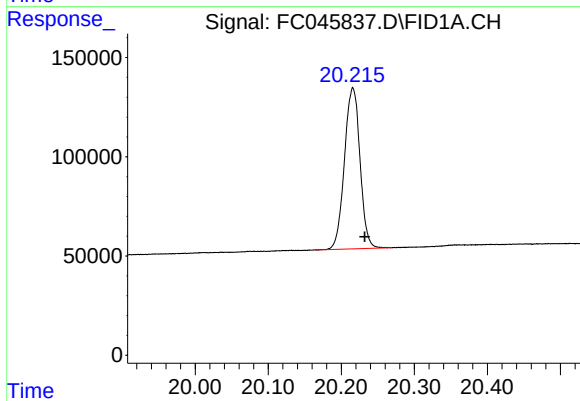
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: -0.018 min
Response: 1488197
Conc: 17.88 ug/ml



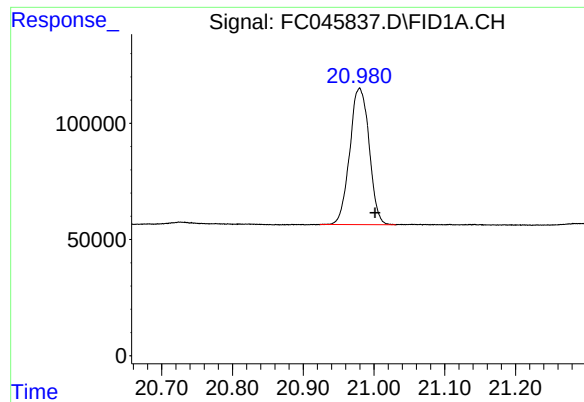
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min
Delta R.T.: -0.016 min
Response: 1284860
Conc: 18.16 ug/ml



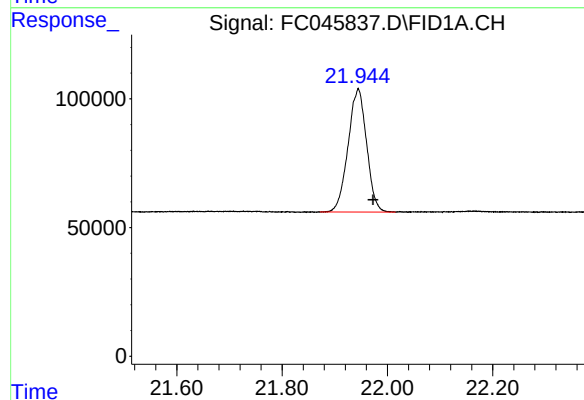
#20 n-Hexatriacontane (C36)

R.T.: 20.216 min
Delta R.T.: -0.016 min
Response: 1199346
Conc: 18.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.980 min
Delta R.T.: -0.022 min
Response: 1116660
Conc: 19.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.945 min
Delta R.T.: -0.028 min
Response: 1167845
Conc: 19.80 ug/ml