

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032620AL\
 Data File : FC046517.D
 Signal(s) : FID1A.CH
 Acq On : 27 Mar 2020 9:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 27 11:43:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.760	2350421	21.501 ug/ml
Spiked Amount 50.000		Recovery =	43.00%
12) S 1-chlorooctadecane (S...	13.177	1832086	21.259 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
Target Compounds			
1) T n-Nonane (C9)	3.541	2119430	22.069 ug/ml
2) T n-Decane (C10)	4.610	2166285	22.555 ug/ml
3) T A~Naphthalene (C11.7)	6.209	2303259	22.987 ug/ml
4) T n-Dodecane (C12)	6.617	2206944	22.610 ug/ml
5) T A~2-methylnaphthalene...	7.259	2313279	22.881 ug/ml
6) T n-Tetradecane (C14)	8.401	2202529	22.368 ug/ml
7) T n-Hexadecane (C16)	9.992	2204221	22.079 ug/ml
8) T n-Octadecane (C18)	11.428	2214738	21.821 ug/ml
10) T n-Eicosane (C20)	12.731	2201224	21.532 ug/ml
11) T n-Heneicosane (C21)	13.340	2198848	21.326 ug/ml
13) T n-Docosane (C22)	13.922	2193603	21.369 ug/ml
14) T n-Tetracosane (C24)	15.020	2213827	21.446 ug/ml
15) T n-Hexacosane (C26)	16.037	2161948	21.072 ug/ml
16) T n-Octacosane (C28)	16.983	2110254	20.735 ug/ml
17) T n-Tricontane (C30)	17.866	2013990	20.556 ug/ml
18) T n-Dotriacontane (C32)	18.695	1718964	20.503 ug/ml
19) T n-Tetratriacontane (C34)	19.474	1454558	20.302 ug/ml
20) T n-Hexatriacontane (C36)	20.213	1386486	19.792 ug/ml
21) T n-Octatriacontane (C38)	20.976	1336964	21.187 ug/ml
22) T n-Tetracontane (C40)	21.936	1374491	19.863 ug/ml

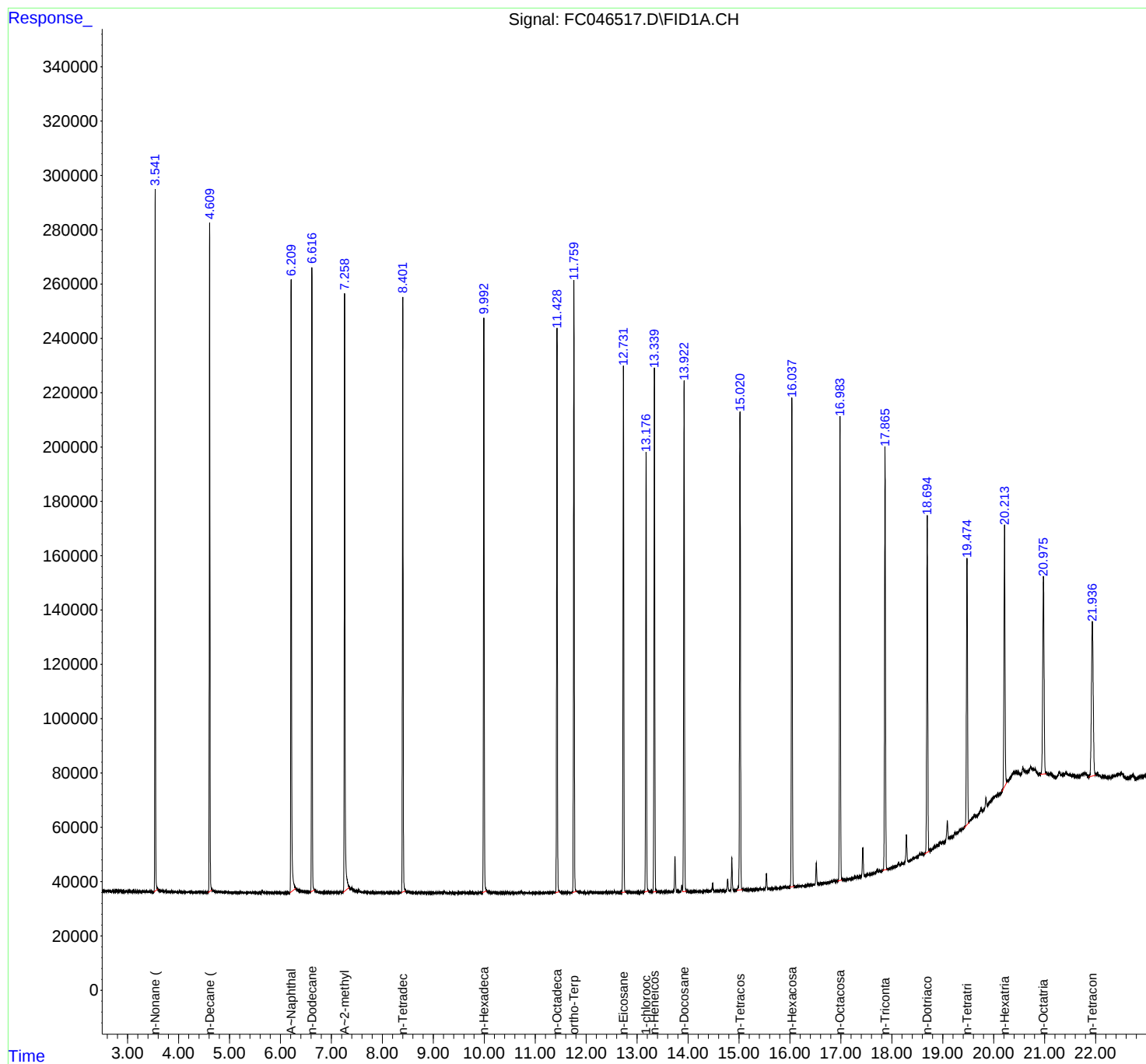
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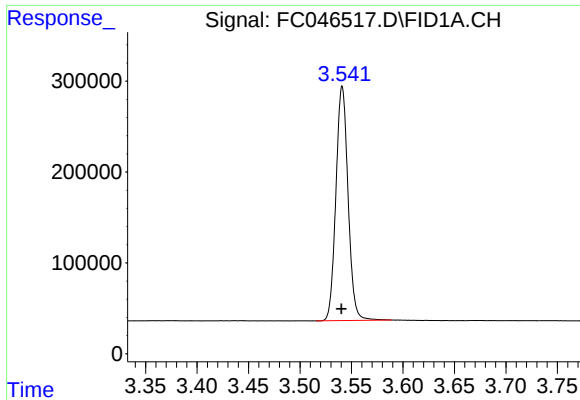
(m)=manual int.

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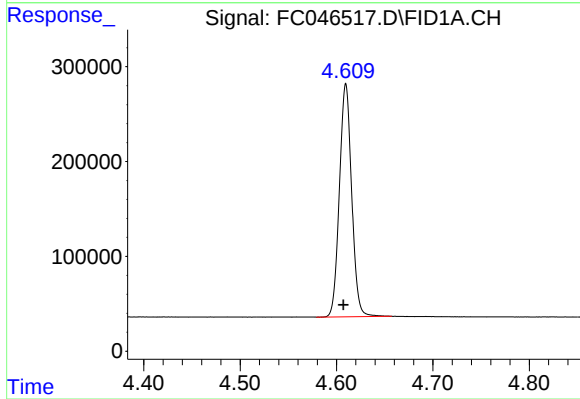
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





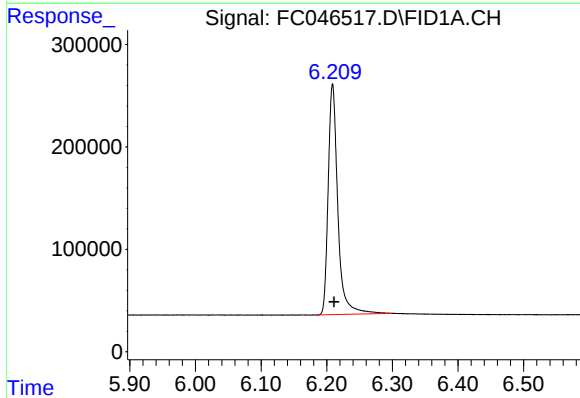
#1 n-Nonane (C9)

R.T.: 3.541 min
Delta R.T.: 0.001 min
Response: 2119430
Conc: 22.07 ug/ml



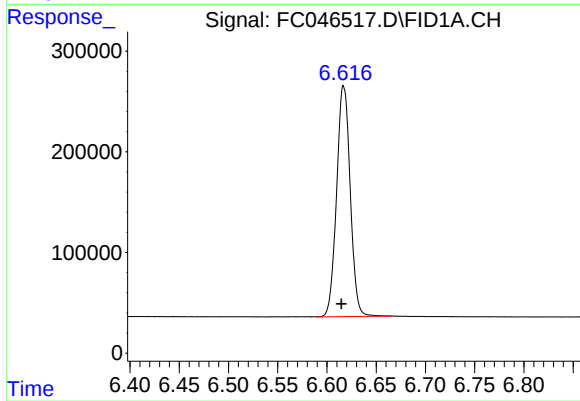
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: 0.003 min
Response: 2166285
Conc: 22.55 ug/ml



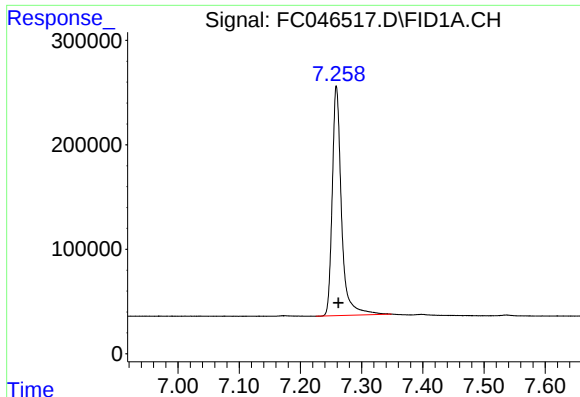
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 2303259
Conc: 22.99 ug/ml



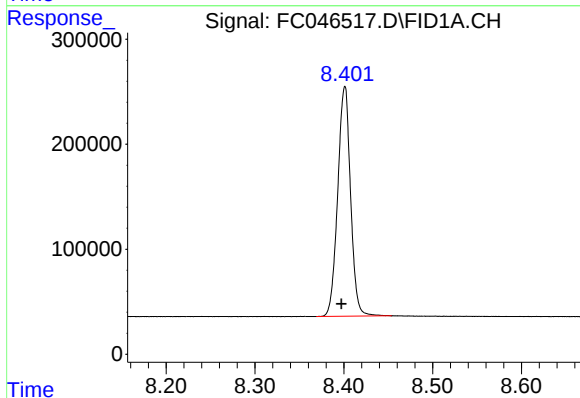
#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: 0.003 min
Response: 2206944
Conc: 22.61 ug/ml



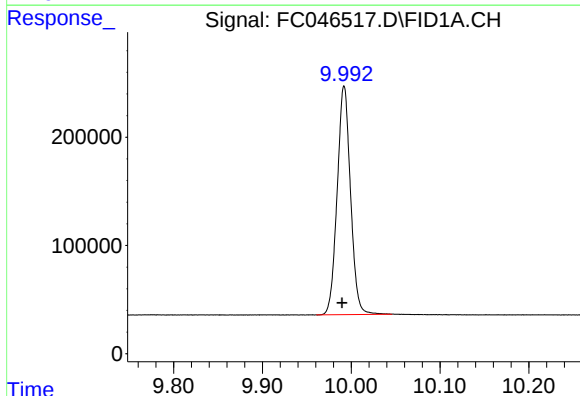
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: -0.003 min
Response: 2313279
Conc: 22.88 ug/ml



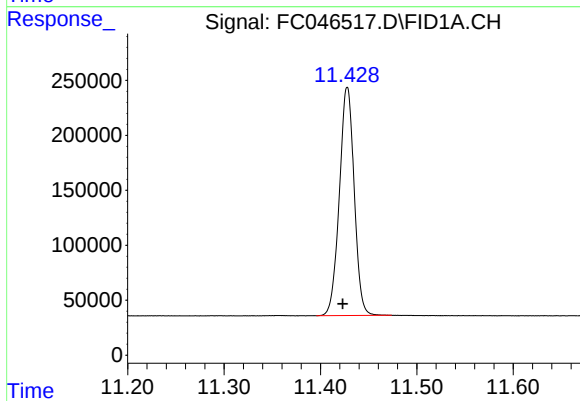
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.004 min
Response: 2202529
Conc: 22.37 ug/ml



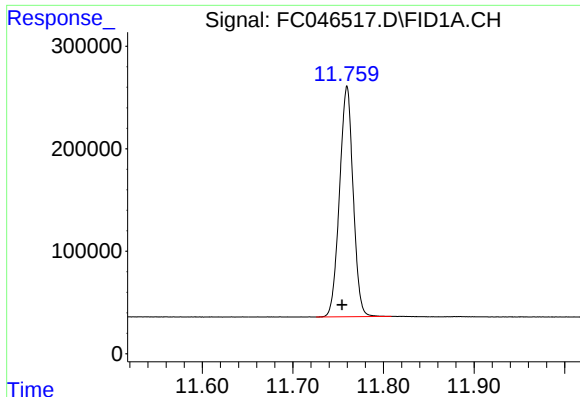
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: 0.002 min
Response: 2204221
Conc: 22.08 ug/ml



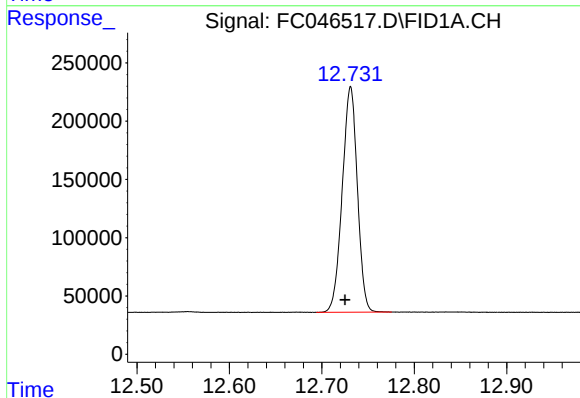
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: 0.005 min
Response: 2214738
Conc: 21.82 ug/ml



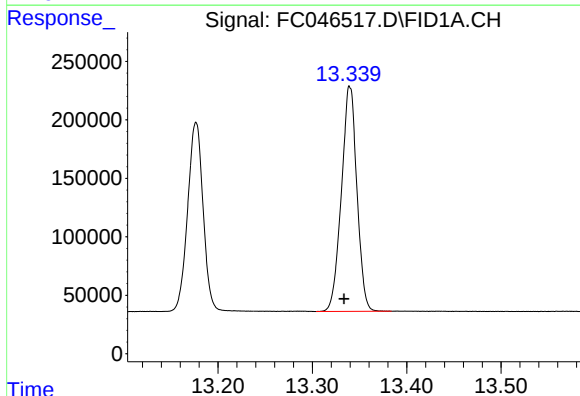
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: 0.005 min
Response: 2350421
Conc: 21.50 ug/ml



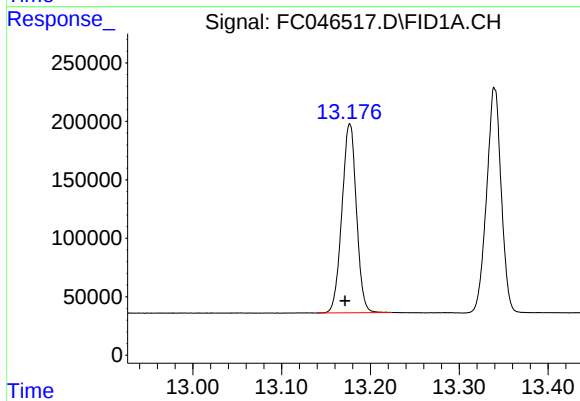
#10 n-Eicosane (C20)

R.T.: 12.731 min
Delta R.T.: 0.006 min
Response: 2201224
Conc: 21.53 ug/ml



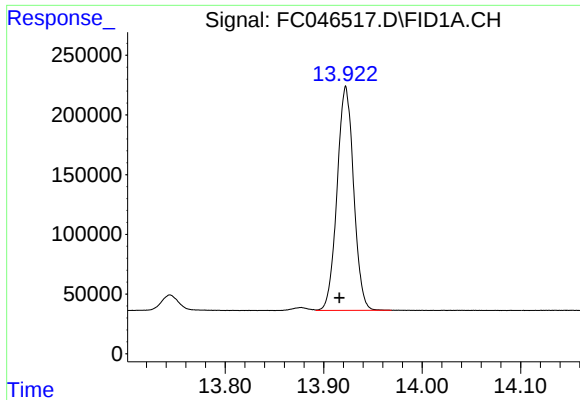
#11 n-Heneicosane (C21)

R.T.: 13.340 min
Delta R.T.: 0.006 min
Response: 2198848
Conc: 21.33 ug/ml



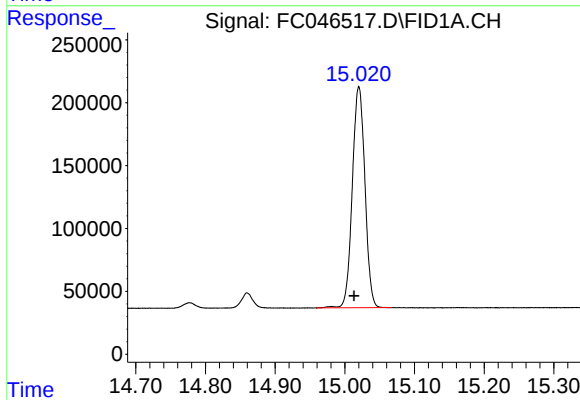
#12 1-chlorooctadecane (SURR)

R.T.: 13.177 min
Delta R.T.: 0.006 min
Response: 1832086
Conc: 21.26 ug/ml



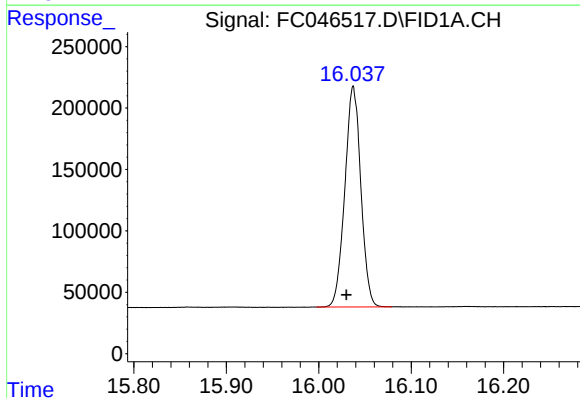
#13 n-Docosane (C22)

R.T.: 13.922 min
Delta R.T.: 0.006 min
Response: 2193603
Conc: 21.37 ug/ml



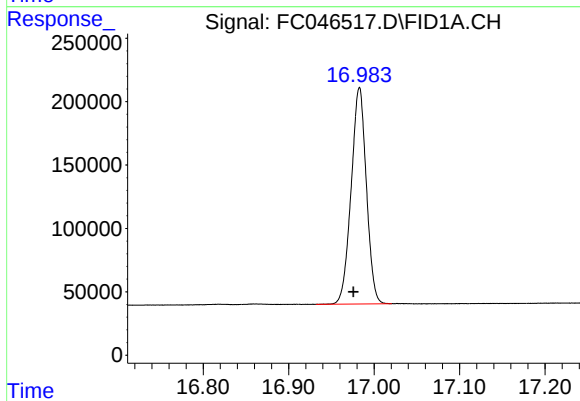
#14 n-Tetracosane (C24)

R.T.: 15.020 min
Delta R.T.: 0.007 min
Response: 2213827
Conc: 21.45 ug/ml



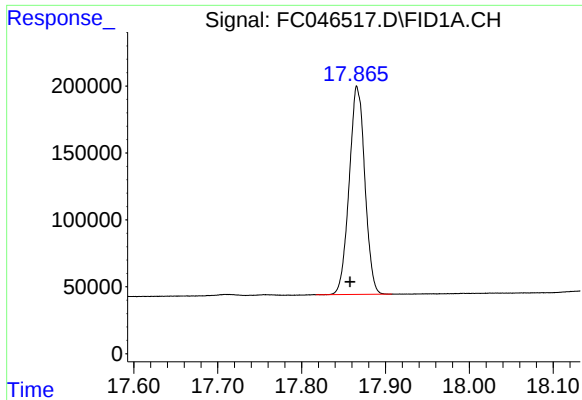
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: 0.007 min
Response: 2161948
Conc: 21.07 ug/ml



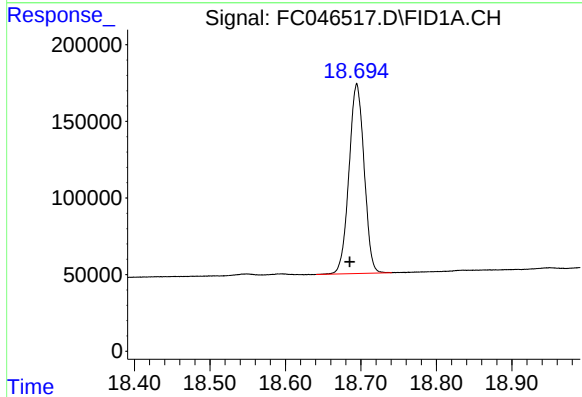
#16 n-Octacosane (C28)

R.T.: 16.983 min
Delta R.T.: 0.007 min
Response: 2110254
Conc: 20.73 ug/ml



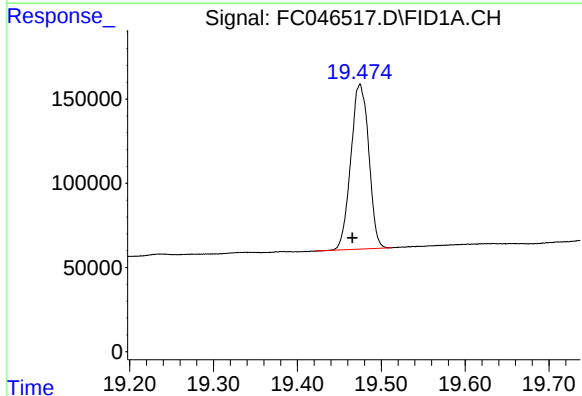
#17 n-Tricontane (C30)

R.T.: 17.866 min
Delta R.T.: 0.008 min
Response: 2013990
Conc: 20.56 ug/ml



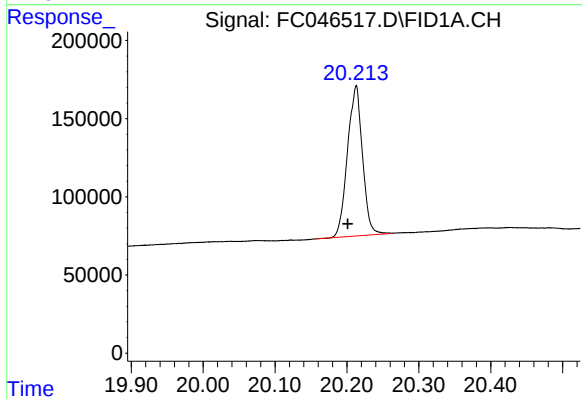
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: 0.009 min
Response: 1718964
Conc: 20.50 ug/ml



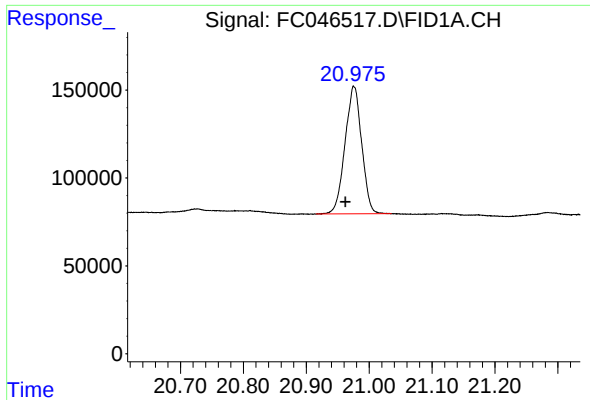
#19 n-Tetratriacontane (C34)

R.T.: 19.474 min
Delta R.T.: 0.009 min
Response: 1454558
Conc: 20.30 ug/ml



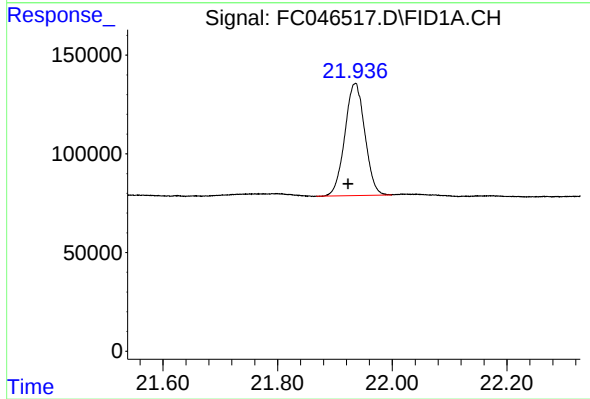
#20 n-Hexatriacontane (C36)

R.T.: 20.213 min
Delta R.T.: 0.012 min
Response: 1386486
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.976 min
Delta R.T.: 0.013 min
Response: 1336964
Conc: 21.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: 0.013 min
Response: 1374491
Conc: 19.86 ug/ml