

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041620AL\
 Data File : FC046861.D
 Signal(s) : FID1A.CH
 Acq On : 16 Apr 2020 18:04
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 17 00:42:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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	2010606	18.393 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
12) S 1-chlorooctadecane (S...	13.176	1560880	18.112 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
Target Compounds			
1) T n-Nonane (C9)	3.549	1973188	20.546 ug/ml
2) T n-Decane (C10)	4.616	2011080	20.939 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2076303	20.722 ug/ml
4) T n-Dodecane (C12)	6.621	2032309	20.821 ug/ml
5) T A~2-methylnaphthalene...	7.266	2072457	20.499 ug/ml
6) T n-Tetradecane (C14)	8.404	1992438	20.234 ug/ml
7) T n-Hexadecane (C16)	9.994	1972335	19.756 ug/ml
8) T n-Octadecane (C18)	11.427	1945331	19.166 ug/ml
10) T n-Eicosane (C20)	12.729	1894159	18.528 ug/ml
11) T n-Heneicosane (C21)	13.338	1880624	18.240 ug/ml
13) T n-Docosane (C22)	13.921	1844415	17.967 ug/ml
14) T n-Tetracosane (C24)	15.018	1812678	17.560 ug/ml
15) T n-Hexacosane (C26)	16.034	1766840	17.221 ug/ml
16) T n-Octacosane (C28)	16.979	1753982	17.234 ug/ml
17) T n-Tricontane (C30)	17.862	1728108	17.639 ug/ml
18) T n-Dotriacontane (C32)	18.691	1508284	17.990 ug/ml
19) T n-Tetratriacontane (C34)	19.470	1307987	18.256 ug/ml
20) T n-Hexatriacontane (C36)	20.206	1230927	17.571 ug/ml
21) T n-Octatriacontane (C38)	20.967	1235279	19.576 ug/ml
22) T n-Tetracontane (C40)	21.927	1303033	18.830 ug/ml

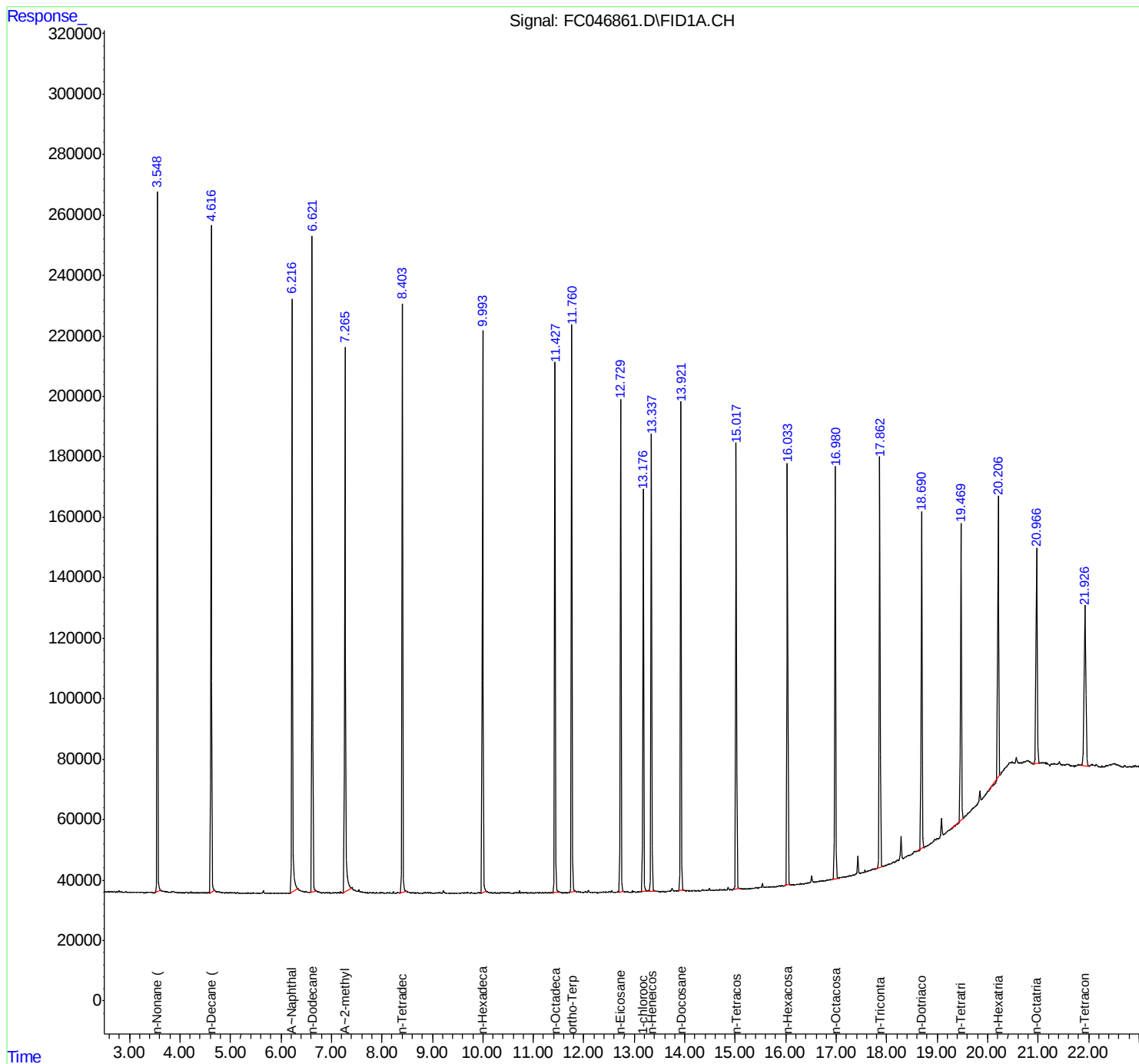
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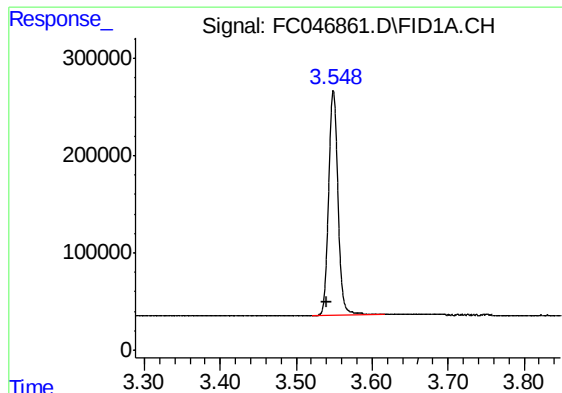
(m)=manual int.

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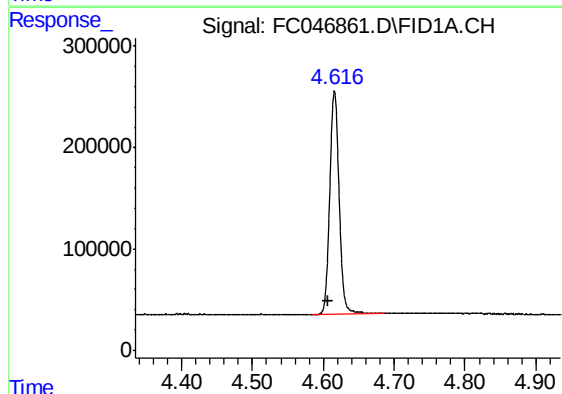
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





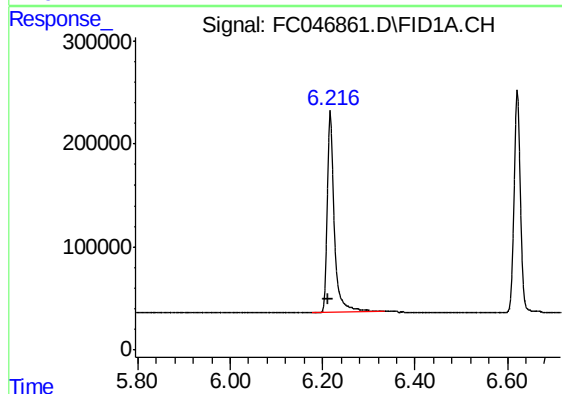
#1 n-Nonane (C9)

R.T.: 3.549 min
Delta R.T.: 0.009 min
Response: 1973188
Conc: 20.55 ug/ml



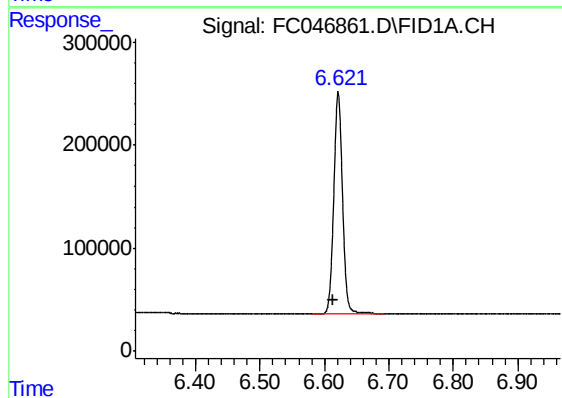
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.009 min
Response: 2011080
Conc: 20.94 ug/ml



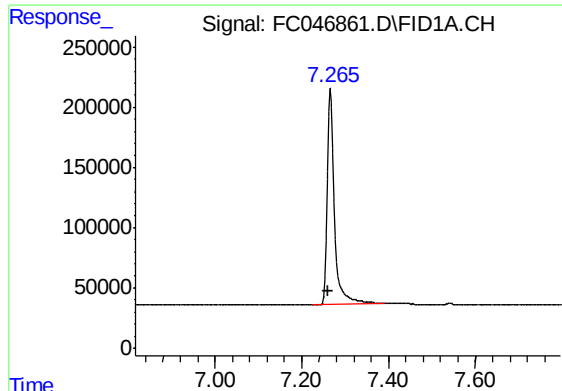
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.005 min
Response: 2076303
Conc: 20.72 ug/ml



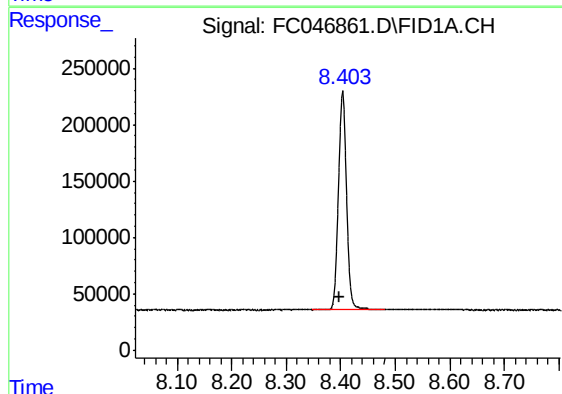
#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.007 min
Response: 2032309
Conc: 20.82 ug/ml



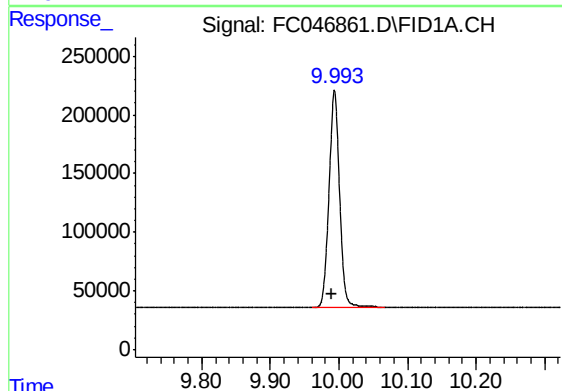
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: 0.004 min
Response: 2072457
Conc: 20.50 ug/ml



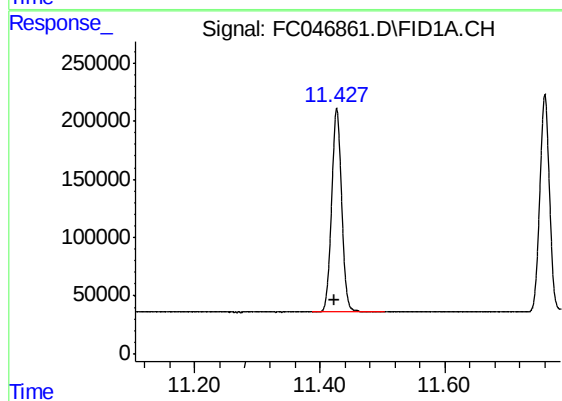
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.006 min
Response: 1992438
Conc: 20.23 ug/ml



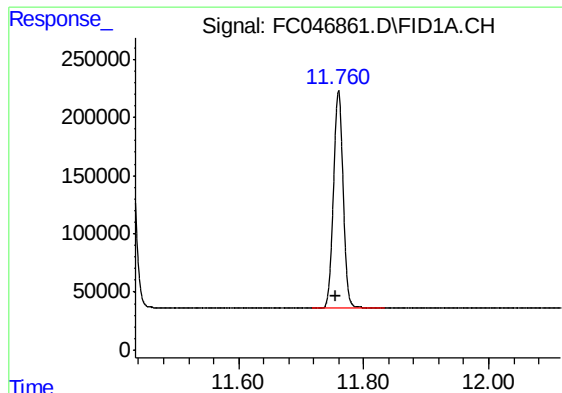
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: 0.004 min
Response: 1972335
Conc: 19.76 ug/ml



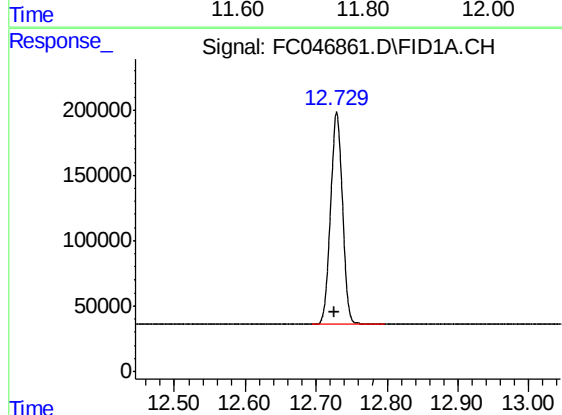
#8 n-Octadecane (C18)

R.T.: 11.427 min
Delta R.T.: 0.004 min
Response: 1945331
Conc: 19.17 ug/ml



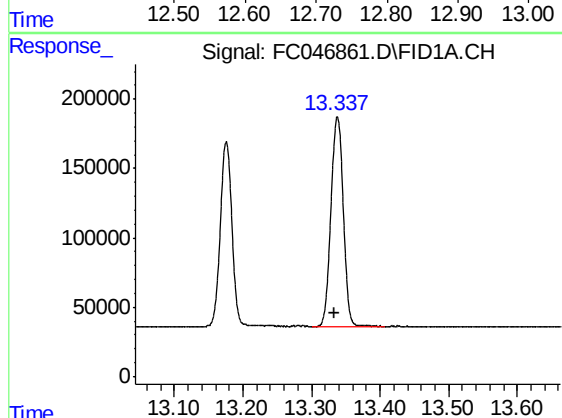
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: 0.005 min
Response: 2010606
Conc: 18.39 ug/ml



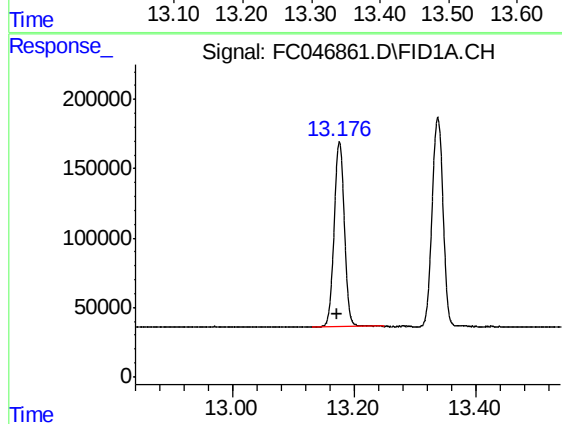
#10 n-Eicosane (C20)

R.T.: 12.729 min
Delta R.T.: 0.004 min
Response: 1894159
Conc: 18.53 ug/ml



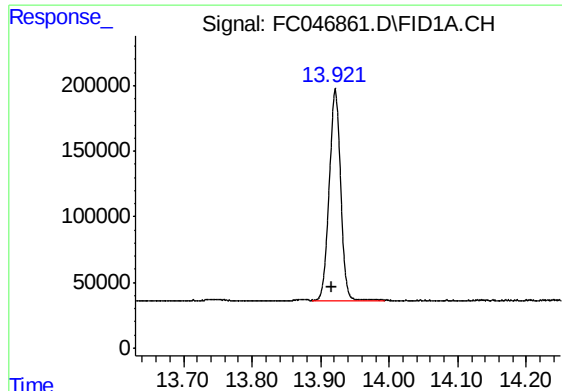
#11 n-Heneicosane (C21)

R.T.: 13.338 min
Delta R.T.: 0.004 min
Response: 1880624
Conc: 18.24 ug/ml



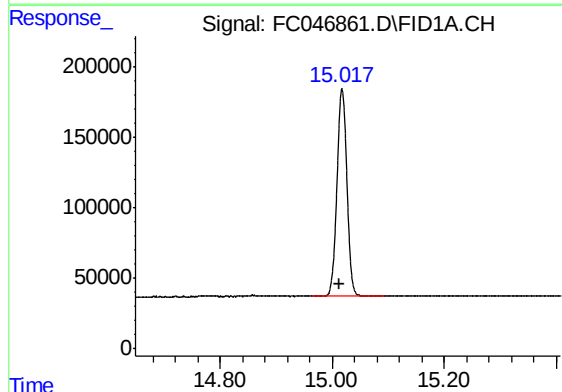
#12 1-chlorooctadecane (SURR)

R.T.: 13.176 min
Delta R.T.: 0.005 min
Response: 1560880
Conc: 18.11 ug/ml



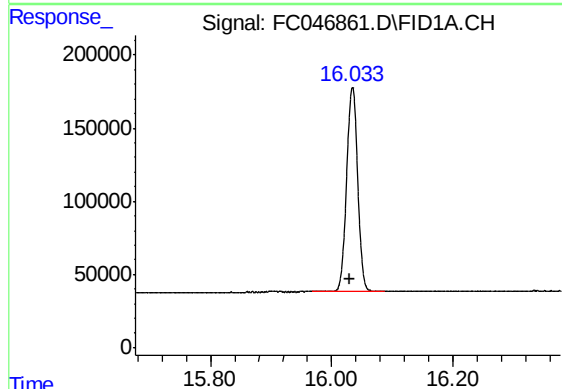
#13 n-Docosane (C22)

R.T.: 13.921 min
Delta R.T.: 0.005 min
Response: 1844415
Conc: 17.97 ug/ml



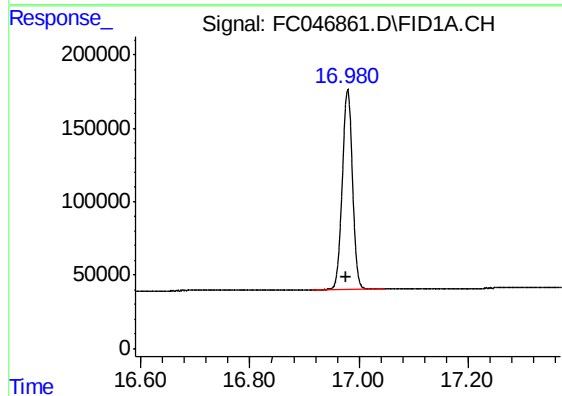
#14 n-Tetracosane (C24)

R.T.: 15.018 min
Delta R.T.: 0.005 min
Response: 1812678
Conc: 17.56 ug/ml



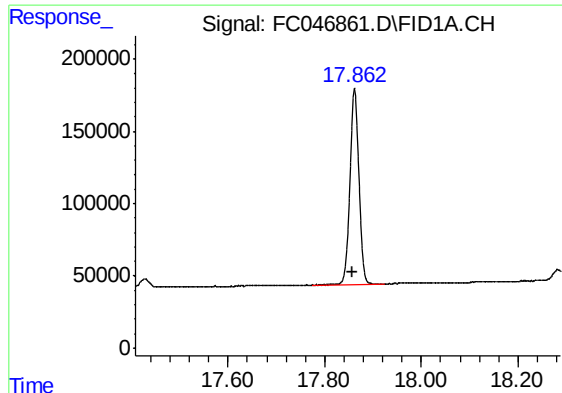
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: 0.004 min
Response: 1766840
Conc: 17.22 ug/ml



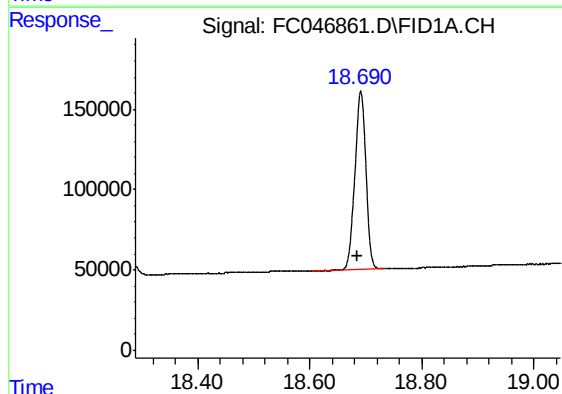
#16 n-Octacosane (C28)

R.T.: 16.979 min
Delta R.T.: 0.004 min
Response: 1753982
Conc: 17.23 ug/ml



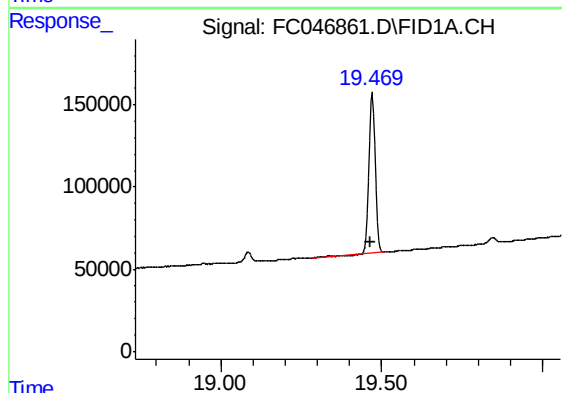
#17 n-Tricontane (C30)

R.T.: 17.862 min
Delta R.T.: 0.004 min
Response: 1728108
Conc: 17.64 ug/ml



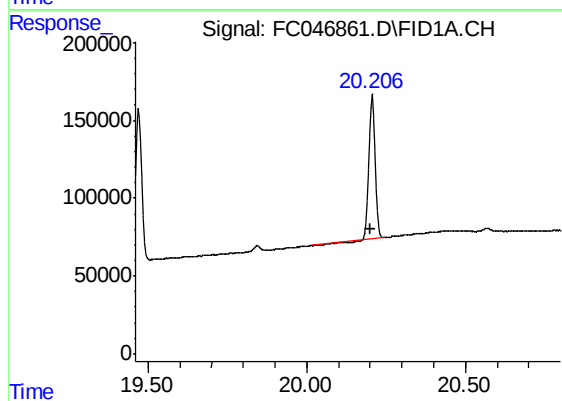
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: 0.006 min
Response: 1508284
Conc: 17.99 ug/ml



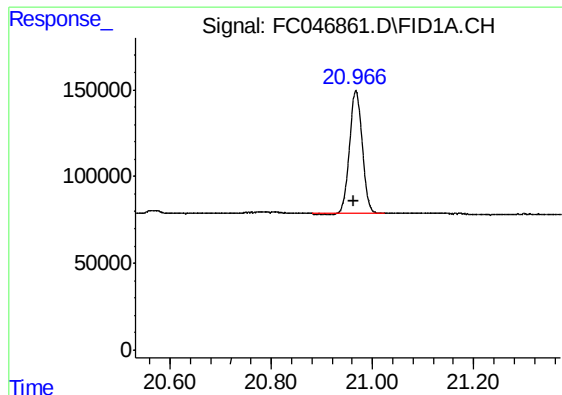
#19 n-Tetratriacontane (C34)

R.T.: 19.470 min
Delta R.T.: 0.004 min
Response: 1307987
Conc: 18.26 ug/ml



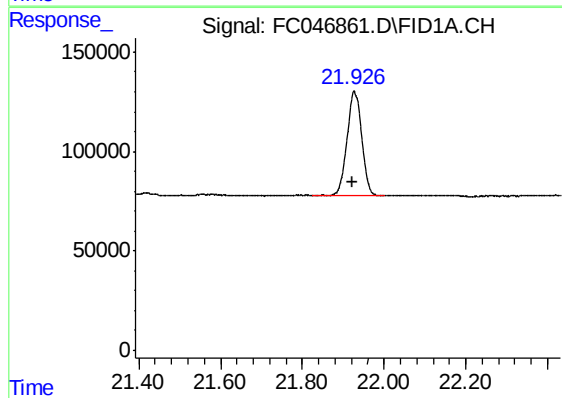
#20 n-Hexatriacontane (C36)

R.T.: 20.206 min
Delta R.T.: 0.005 min
Response: 1230927
Conc: 17.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.967 min
Delta R.T.: 0.005 min
Response: 1235279
Conc: 19.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: 0.004 min
Response: 1303033
Conc: 18.83 ug/ml