

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052419AL\
 Data File : FC041514.D
 Signal(s) : FID1A.CH
 Acq On : 25 May 2019 17:08
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 26 21:33:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:14:00 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)	11.705	2028382	20.104 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.130	1625442	20.473 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	3.481	1674384	19.509 ug/ml
2) T n-Decane (C10)	4.551	1708919	19.608 ug/ml
3) T A~Naphthalene (C11.7)	6.141	2008905	19.556 ug/ml
4) T n-Dodecane (C12)	6.563	1738569	19.720 ug/ml
5) T A~2-methylnaphthalene...	7.193	2030371	19.633 ug/ml
6) T n-Tetradecane (C14)	8.350	1787218	19.937 ug/ml
7) T n-Hexadecane (C16)	9.944	1817572	20.147 ug/ml
8) T n-Octadecane (C18)	11.381	1841464	20.382 ug/ml
10) T n-Eicosane (C20)	12.686	1871259	20.560 ug/ml
11) T n-Heneicosane (C21)	13.295	1872149	20.661 ug/ml
13) T n-Docosane (C22)	13.880	1881193	20.766 ug/ml
14) T n-Tetracosane (C24)	14.980	1902125	20.920 ug/ml
15) T n-Hexacosane (C26)	15.999	1913267	21.080 ug/ml
16) T n-Octacosane (C28)	16.946	1937862	21.165 ug/ml
17) T n-Tricontane (C30)	17.831	1928583	21.466 ug/ml
18) T n-Dotriacontane (C32)	18.661	1812185	21.657 ug/ml
19) T n-Tetratriacontane (C34)	19.444	1562596	21.859 ug/ml
20) T n-Hexatriacontane (C36)	20.181	1403211	22.021 ug/ml
21) T n-Octatriacontane (C38)	20.935	1302021	21.576 ug/ml
22) T n-Tetracontane (C40)	21.875	1222267	20.774 ug/ml

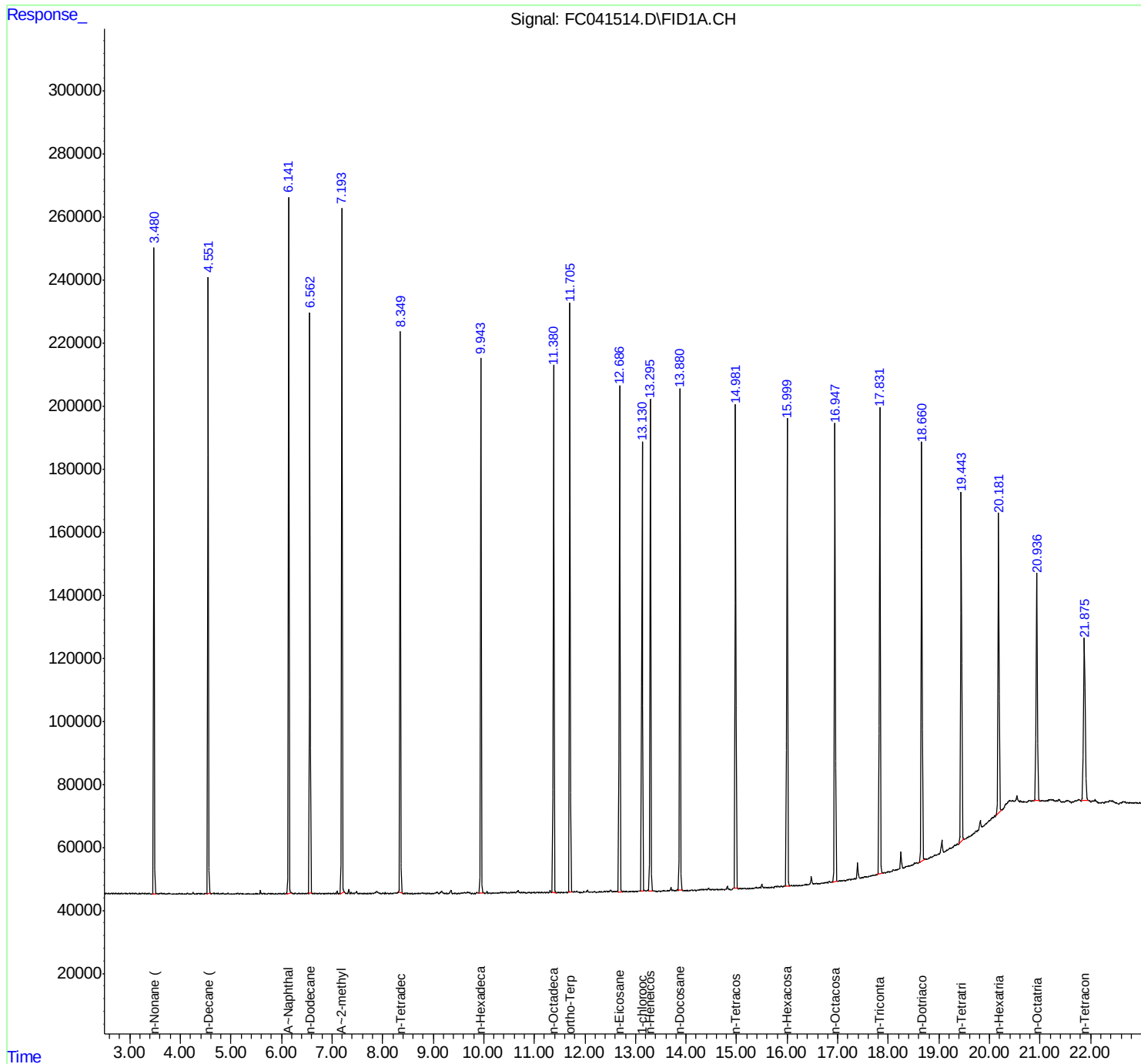
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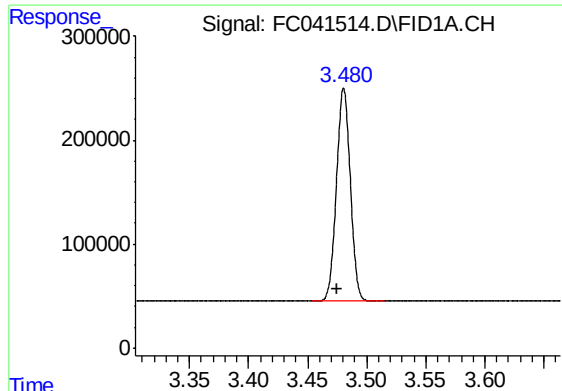
(m)=manual int.

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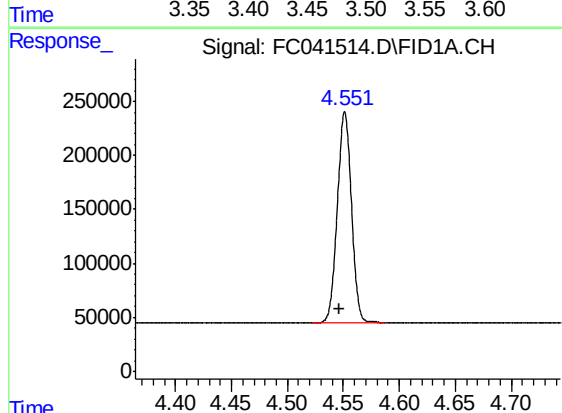
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





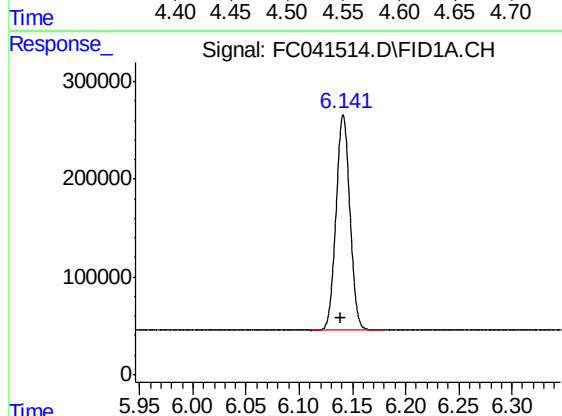
#1 n-Nonane (C9)

R.T.: 3.481 min
Delta R.T.: 0.006 min
Response: 1674384
Conc: 19.51 ug/ml



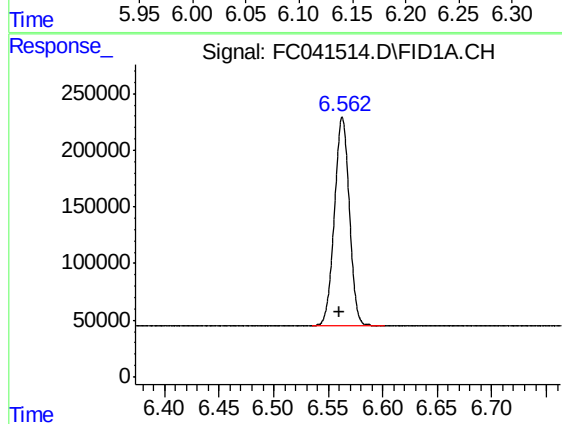
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.005 min
Response: 1708919
Conc: 19.61 ug/ml



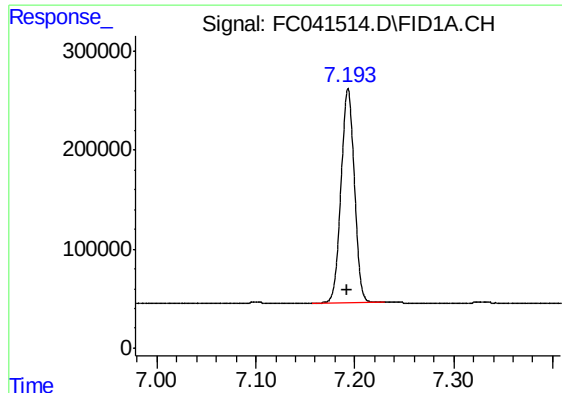
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: 0.003 min
Response: 2008905
Conc: 19.56 ug/ml



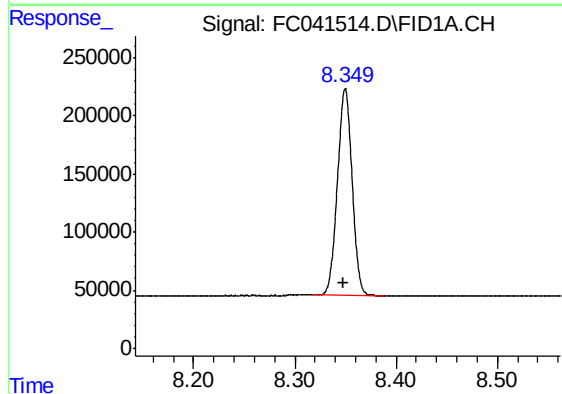
#4 n-Dodecane (C12)

R.T.: 6.563 min
Delta R.T.: 0.002 min
Response: 1738569
Conc: 19.72 ug/ml



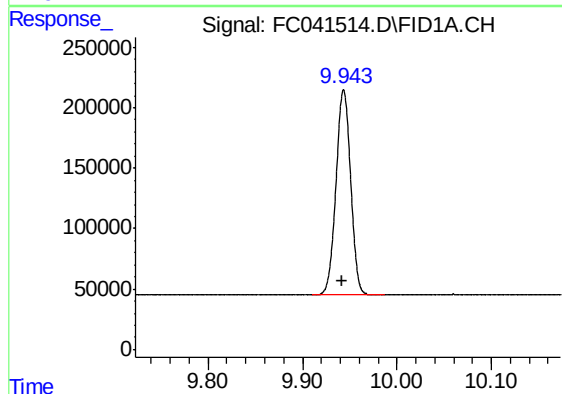
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.193 min
Delta R.T.: 0.002 min
Response: 2030371
Conc: 19.63 ug/ml



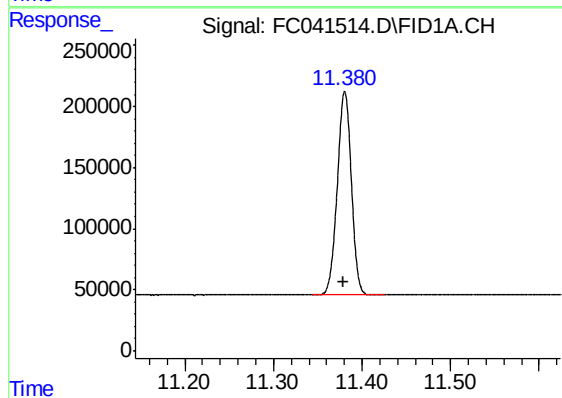
#6 n-Tetradecane (C14)

R.T.: 8.350 min
Delta R.T.: 0.002 min
Response: 1787218
Conc: 19.94 ug/ml



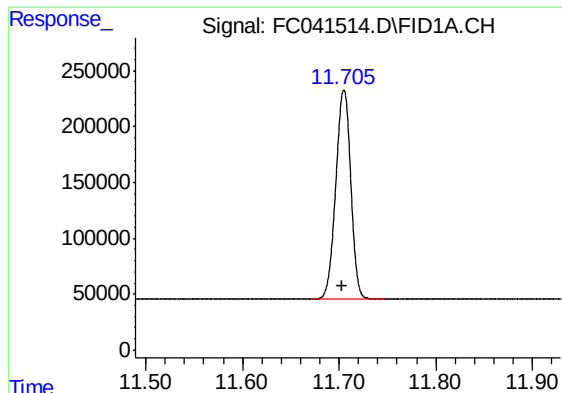
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: 0.001 min
Response: 1817572
Conc: 20.15 ug/ml



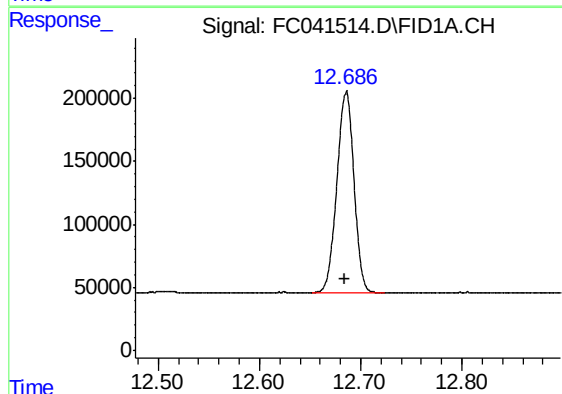
#8 n-Octadecane (C18)

R.T.: 11.381 min
Delta R.T.: 0.002 min
Response: 1841464
Conc: 20.38 ug/ml



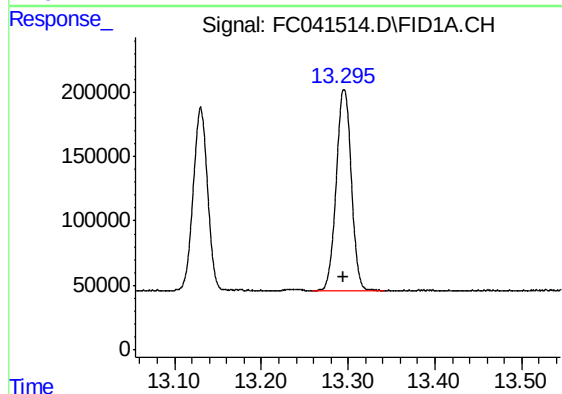
#9 ortho-Terphenyl (SURR)

R.T.: 11.705 min
Delta R.T.: 0.002 min
Response: 2028382
Conc: 20.10 ug/ml



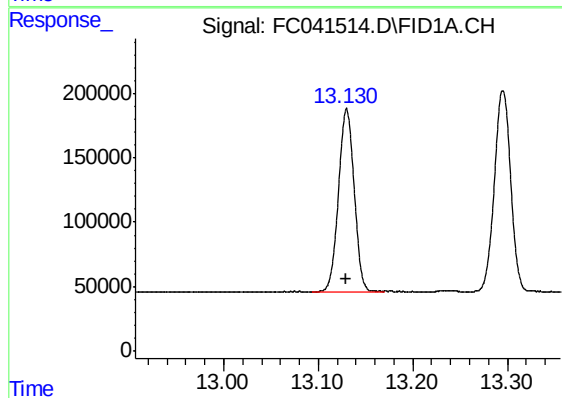
#10 n-Eicosane (C20)

R.T.: 12.686 min
Delta R.T.: 0.001 min
Response: 1871259
Conc: 20.56 ug/ml



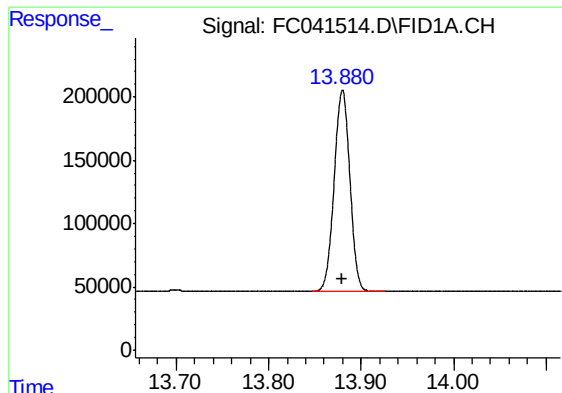
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: 0.001 min
Response: 1872149
Conc: 20.66 ug/ml



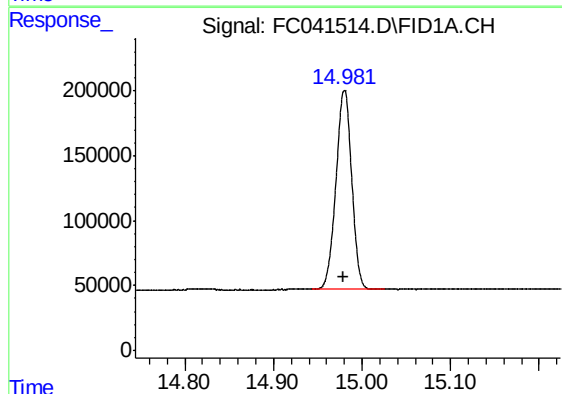
#12 1-chlorooctadecane (SURR)

R.T.: 13.130 min
Delta R.T.: 0.000 min
Response: 1625442
Conc: 20.47 ug/ml



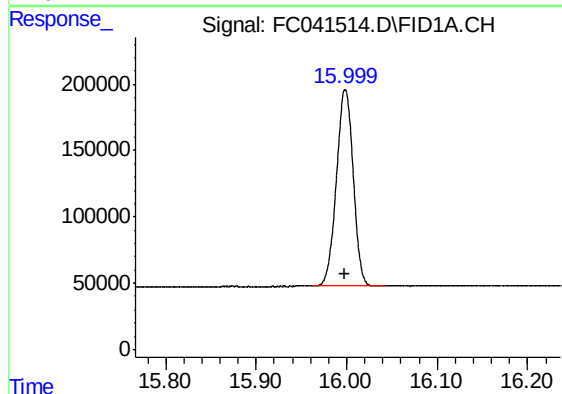
#13 n-Docosane (C22)

R.T.: 13.880 min
Delta R.T.: 0.001 min
Response: 1881193
Conc: 20.77 ug/ml



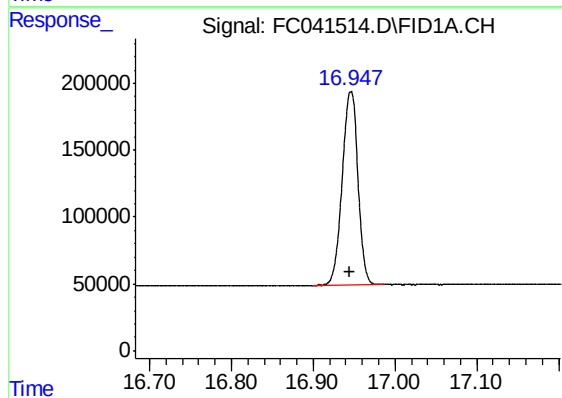
#14 n-Tetracosane (C24)

R.T.: 14.980 min
Delta R.T.: 0.000 min
Response: 1902125
Conc: 20.92 ug/ml



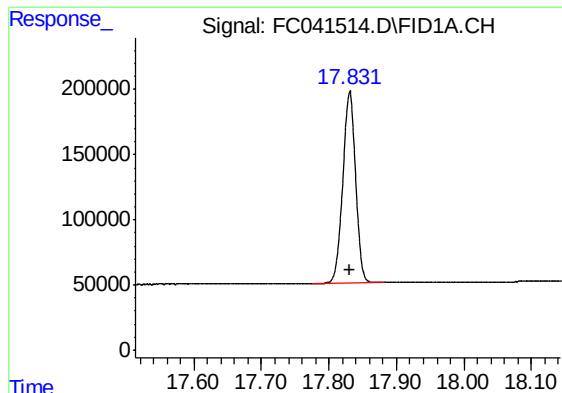
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: 0.000 min
Response: 1913267
Conc: 21.08 ug/ml



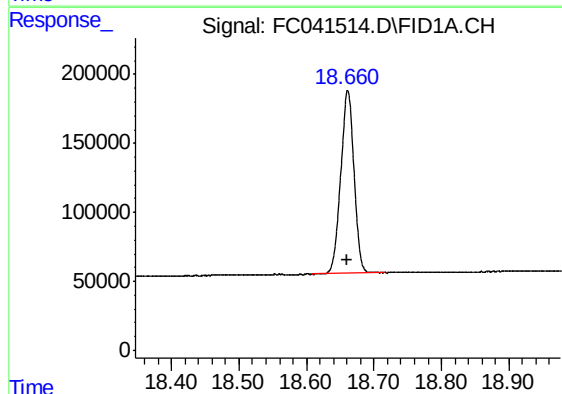
#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: 0.002 min
Response: 1937862
Conc: 21.17 ug/ml



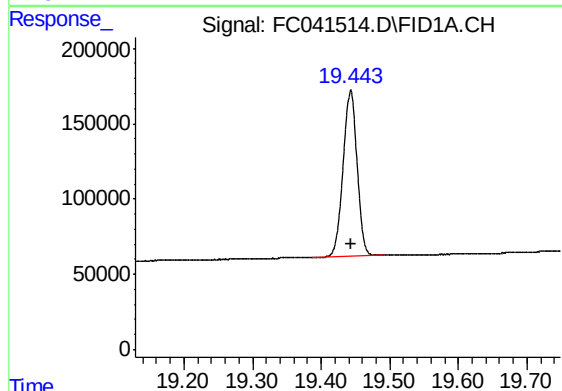
#17 n-Tricontane (C30)

R.T.: 17.831 min
Delta R.T.: 0.000 min
Response: 1928583
Conc: 21.47 ug/ml



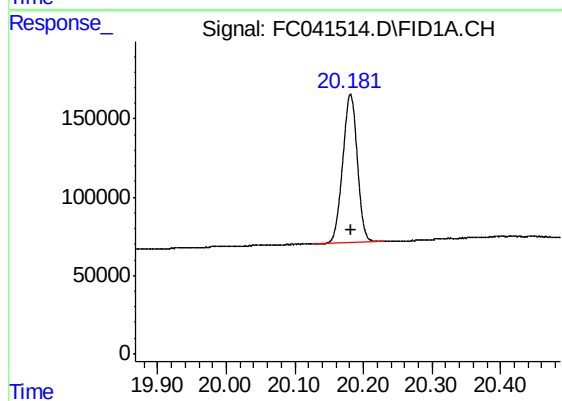
#18 n-Dotriacontane (C32)

R.T.: 18.661 min
Delta R.T.: 0.000 min
Response: 1812185
Conc: 21.66 ug/ml



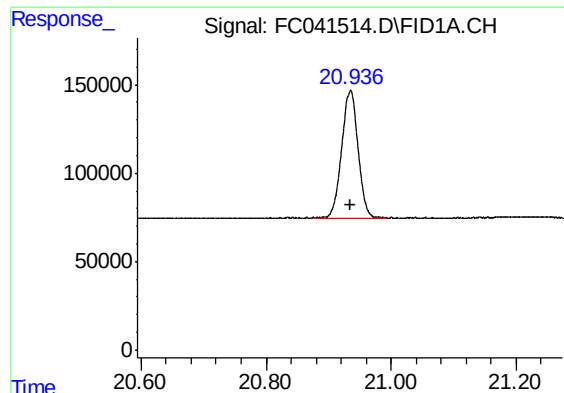
#19 n-Tetatriacontane (C34)

R.T.: 19.444 min
Delta R.T.: 0.000 min
Response: 1562596
Conc: 21.86 ug/ml



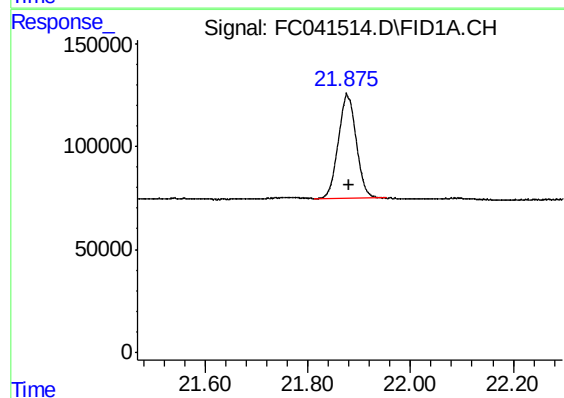
#20 n-Hexatriacontane (C36)

R.T.: 20.181 min
Delta R.T.: -0.001 min
Response: 1403211
Conc: 22.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.935 min
Delta R.T.: 0.001 min
Response: 1302021
Conc: 21.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.875 min
Delta R.T.: -0.004 min
Response: 1222267
Conc: 20.77 ug/ml