

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111919AL\
 Data File : FC044631.D
 Signal(s) : FID1A.CH
 Acq On : 19 Nov 2019 14:56
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 20 01:10:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.722	2371816	16.272 ug/ml
Spiked Amount 50.000		Recovery =	32.54%
12) S 1-chlorooctadecane (S...	13.150	1781295	15.931 ug/ml
Spiked Amount 50.000		Recovery =	31.86%
Target Compounds			
1) T n-Nonane (C9)	3.455	2261818	20.533 ug/ml
2) T n-Decane (C10)	4.531	2310521	20.802 ug/ml
3) T A-Naphthalene (C11.7)	6.133	2530011	20.334 ug/ml
4) T n-Dodecane (C12)	6.556	2321232	20.640 ug/ml
5) T A~2-methylnaphthalene...	7.190	2531671	20.076 ug/ml
6) T n-Tetradecane (C14)	8.351	2295964	20.294 ug/ml
7) T n-Hexadecane (C16)	9.952	2266168	19.833 ug/ml
8) T n-Octadecane (C18)	11.394	2212249	19.322 ug/ml
10) T n-Eicosane (C20)	12.704	2145090	18.809 ug/ml
11) T n-Heneicosane (C21)	13.315	2107041	18.370 ug/ml
13) T n-Docosane (C22)	13.902	2056932	18.114 ug/ml
14) T n-Tetracosane (C24)	15.005	2010643	17.780 ug/ml
15) T n-Hexacosane (C26)	16.026	1941224	17.545 ug/ml
16) T n-Octacosane (C28)	16.975	1925952	17.779 ug/ml
17) T n-Tricontane (C30)	17.861	1965481	18.571 ug/ml
18) T n-Dotriacontane (C32)	18.693	1928298	19.147 ug/ml
19) T n-Tetratriacontane (C34)	19.478	1904083	20.307 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1885269	21.717 ug/ml
21) T n-Octatriacontane (C38)	20.984	1800294	22.325 ug/ml
22) T n-Tetracontane (C40)	21.948	1850094	21.887 ug/ml

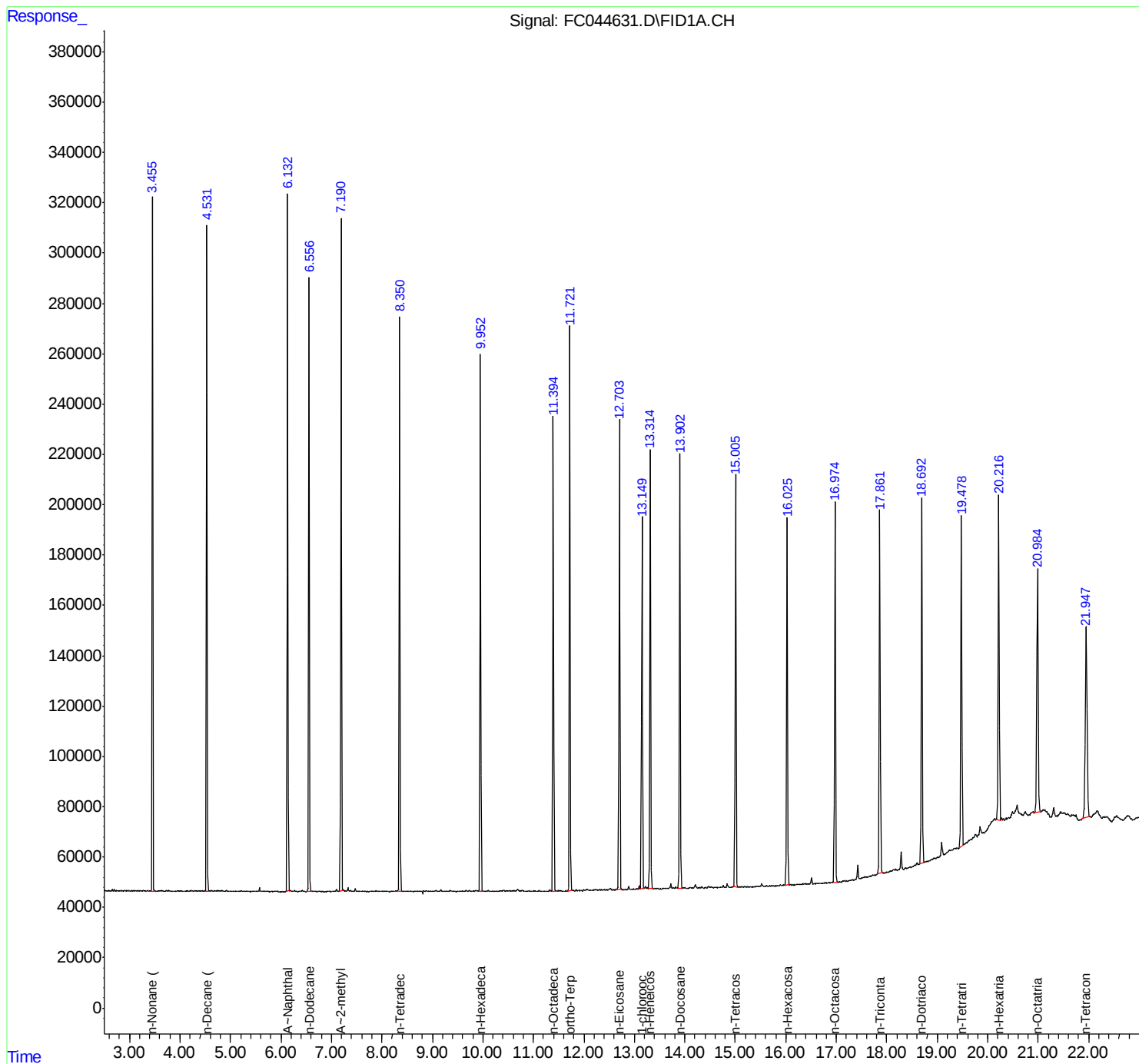
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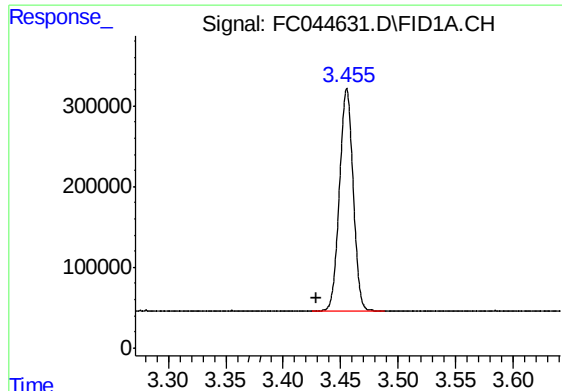
(m)=manual int.

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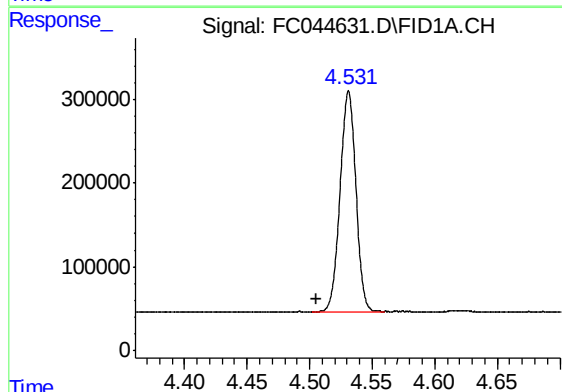
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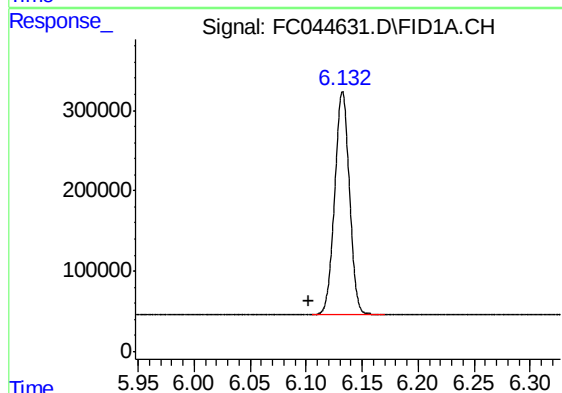
#1 n-Nonane (C9)

R.T.: 3.455 min
Delta R.T.: 0.026 min
Response: 2261818
Conc: 20.53 ug/ml



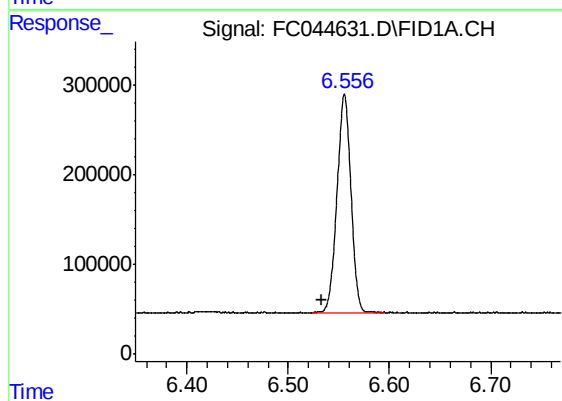
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.026 min
Response: 2310521
Conc: 20.80 ug/ml



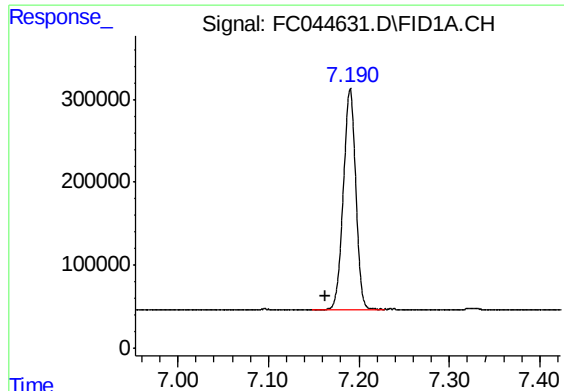
#3 A~Naphthalene (C11.7)

R.T.: 6.133 min
Delta R.T.: 0.030 min
Response: 2530011
Conc: 20.33 ug/ml



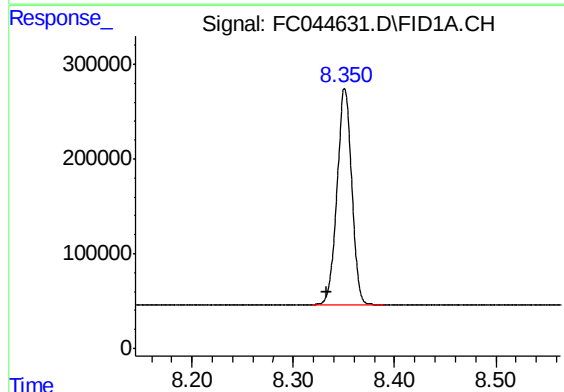
#4 n-Dodecane (C12)

R.T.: 6.556 min
Delta R.T.: 0.022 min
Response: 2321232
Conc: 20.64 ug/ml



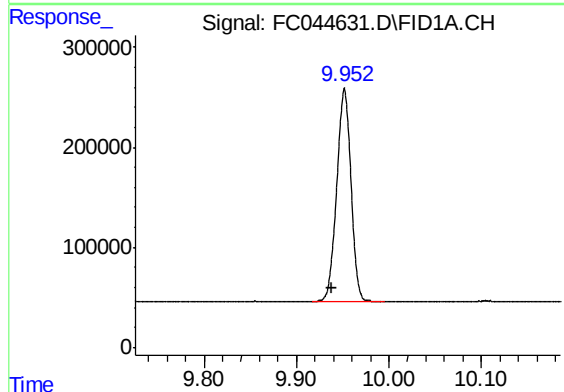
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min
Delta R.T.: 0.028 min
Response: 2531671
Conc: 20.08 ug/ml



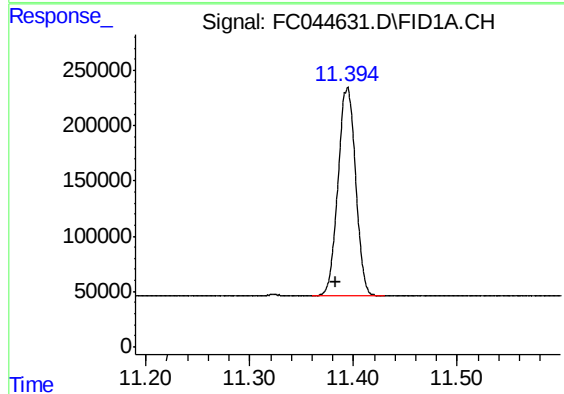
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.018 min
Response: 2295964
Conc: 20.29 ug/ml



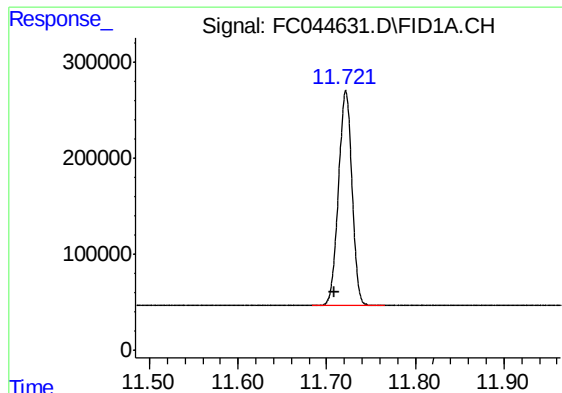
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: 0.014 min
Response: 2266168
Conc: 19.83 ug/ml



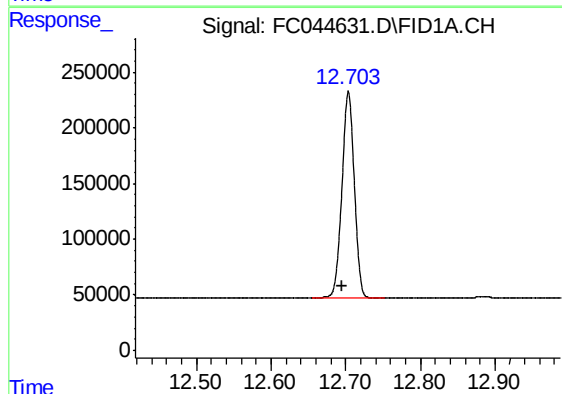
#8 n-Octadecane (C18)

R.T.: 11.394 min
Delta R.T.: 0.011 min
Response: 2212249
Conc: 19.32 ug/ml



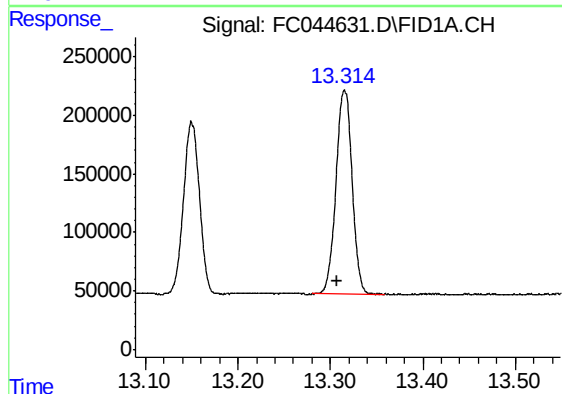
#9 ortho-Terphenyl (SURR)

R.T.: 11.722 min
Delta R.T.: 0.013 min
Response: 2371816
Conc: 16.27 ug/ml



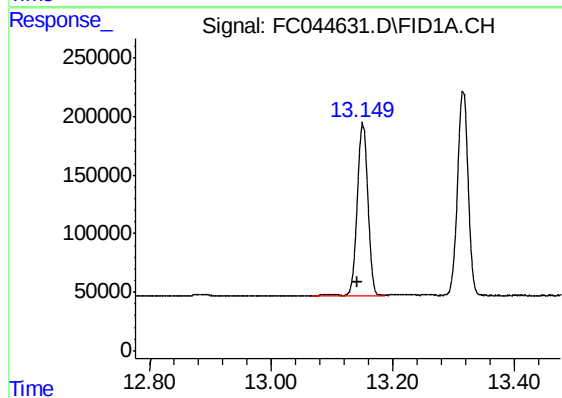
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: 0.009 min
Response: 2145090
Conc: 18.81 ug/ml



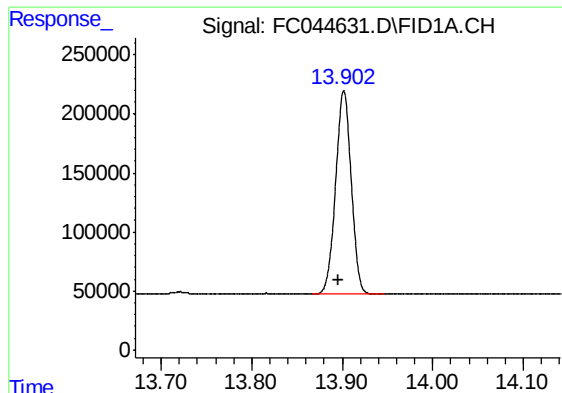
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: 0.008 min
Response: 2107041
Conc: 18.37 ug/ml



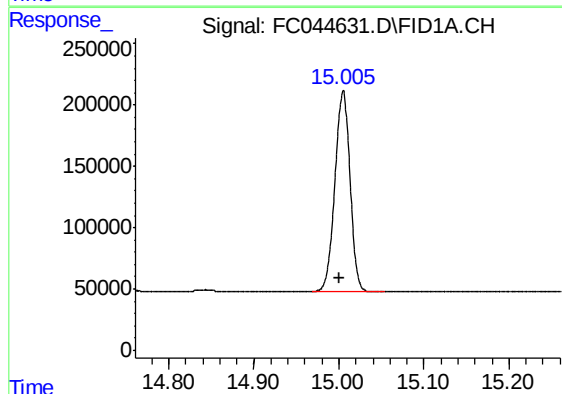
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: 0.008 min
Response: 1781295
Conc: 15.93 ug/ml



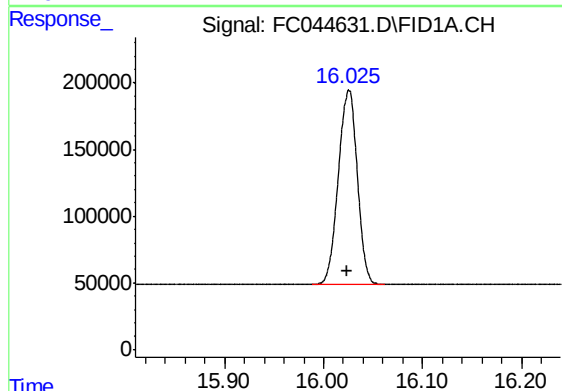
#13 n-Docosane (C22)

R.T.: 13.902 min
Delta R.T.: 0.006 min
Response: 2056932
Conc: 18.11 ug/ml



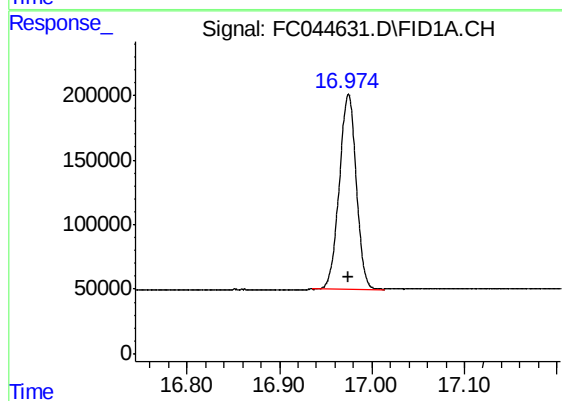
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: 0.004 min
Response: 2010643
Conc: 17.78 ug/ml



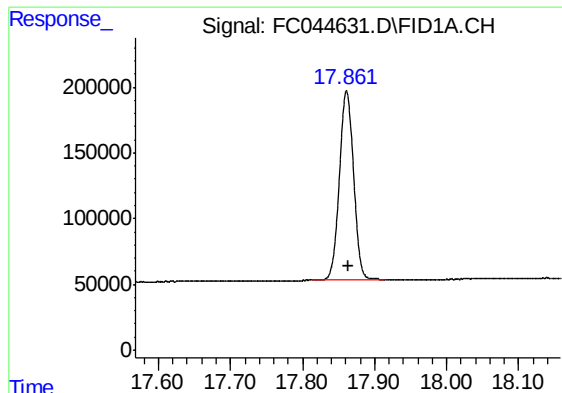
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.002 min
Response: 1941224
Conc: 17.55 ug/ml



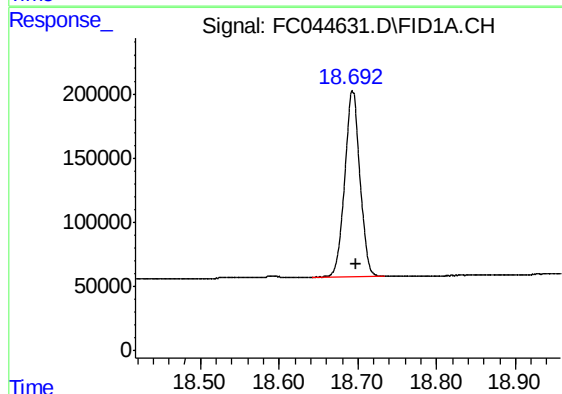
#16 n-Octacosane (C28)

R.T.: 16.975 min
Delta R.T.: 0.000 min
Response: 1925952
Conc: 17.78 ug/ml



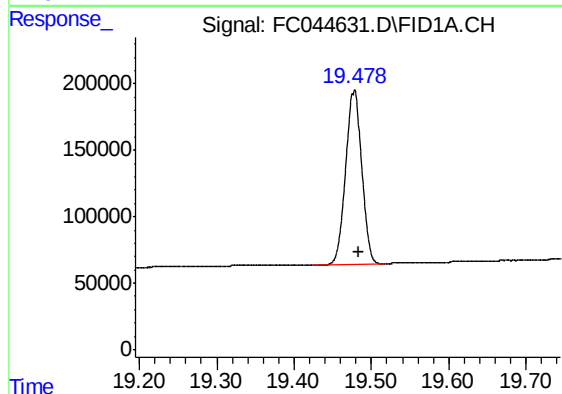
#17 n-Tricontane (C30)

R.T.: 17.861 min
Delta R.T.: -0.003 min
Response: 1965481
Conc: 18.57 ug/ml



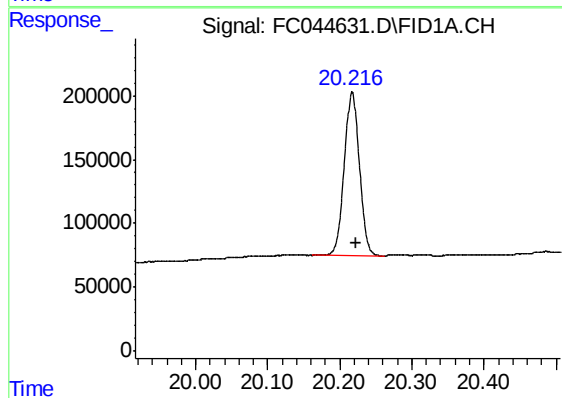
#18 n-Dotriacontane (C32)

R.T.: 18.693 min
Delta R.T.: -0.005 min
Response: 1928298
Conc: 19.15 ug/ml



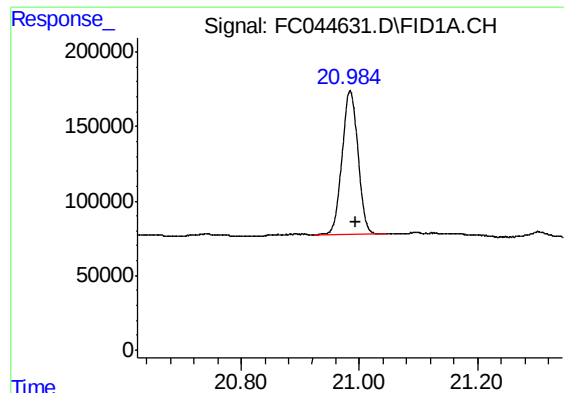
#19 n-Tetatriacontane (C34)

R.T.: 19.478 min
Delta R.T.: -0.005 min
Response: 1904083
Conc: 20.31 ug/ml



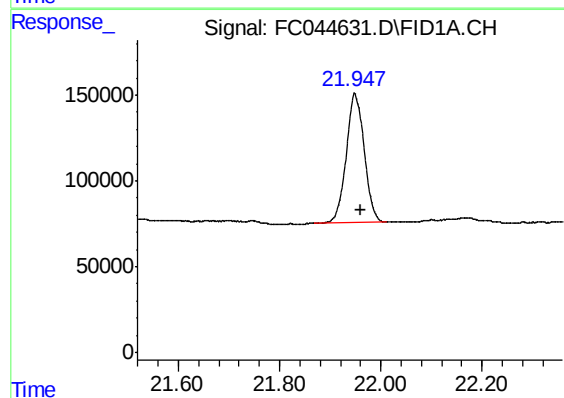
#20 n-Hexatriacontane (C36)

R.T.: 20.217 min
Delta R.T.: -0.006 min
Response: 1885269
Conc: 21.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.984 min
Delta R.T.: -0.010 min
Response: 1800294
Conc: 22.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.948 min
Delta R.T.: -0.014 min
Response: 1850094
Conc: 21.89 ug/ml