

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111819AL\
 Data File : FC044616.D
 Signal(s) : FID1A.CH
 Acq On : 19 Nov 2019 5:36
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 19 07:46:37 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)	11.721	2499896	17.151 ug/ml
Spiked Amount 50.000		Recovery =	34.30%
12) S 1-chlorooctadecane (S...	13.150	1859950	16.634 ug/ml
Spiked Amount 50.000		Recovery =	33.27%
Target Compounds			
1) T n-Nonane (C9)	3.455	2375109	21.561 ug/ml
2) T n-Decane (C10)	4.531	2424038	21.824 ug/ml
3) T A~Naphthalene (C11.7)	6.132	2660651	21.384 ug/ml
4) T n-Dodecane (C12)	6.556	2434498	21.647 ug/ml
5) T A~2-methylnaphthalene...	7.190	2663604	21.122 ug/ml
6) T n-Tetradecane (C14)	8.351	2409142	21.294 ug/ml
7) T n-Hexadecane (C16)	9.952	2381902	20.846 ug/ml
8) T n-Octadecane (C18)	11.394	2326668	20.321 ug/ml
10) T n-Eicosane (C20)	12.702	2285592	20.041 ug/ml
11) T n-Heneicosane (C21)	13.315	2225192	19.400 ug/ml
13) T n-Docosane (C22)	13.902	2173219	19.138 ug/ml
14) T n-Tetracosane (C24)	15.004	2114962	18.703 ug/ml
15) T n-Hexacosane (C26)	16.025	2042599	18.462 ug/ml
16) T n-Octacosane (C28)	16.975	2019431	18.642 ug/ml
17) T n-Tricontane (C30)	17.863	2097195	19.816 ug/ml
18) T n-Dotriacontane (C32)	18.695	2002860	19.887 ug/ml
19) T n-Tetratriacontane (C34)	19.479	2002230	21.354 ug/ml
20) T n-Hexatriacontane (C36)	20.220	1949390	22.456 ug/ml
21) T n-Octatriacontane (C38)	20.986	1884941	23.375 ug/ml
22) T n-Tetracontane (C40)	21.955	1899791	22.475 ug/ml

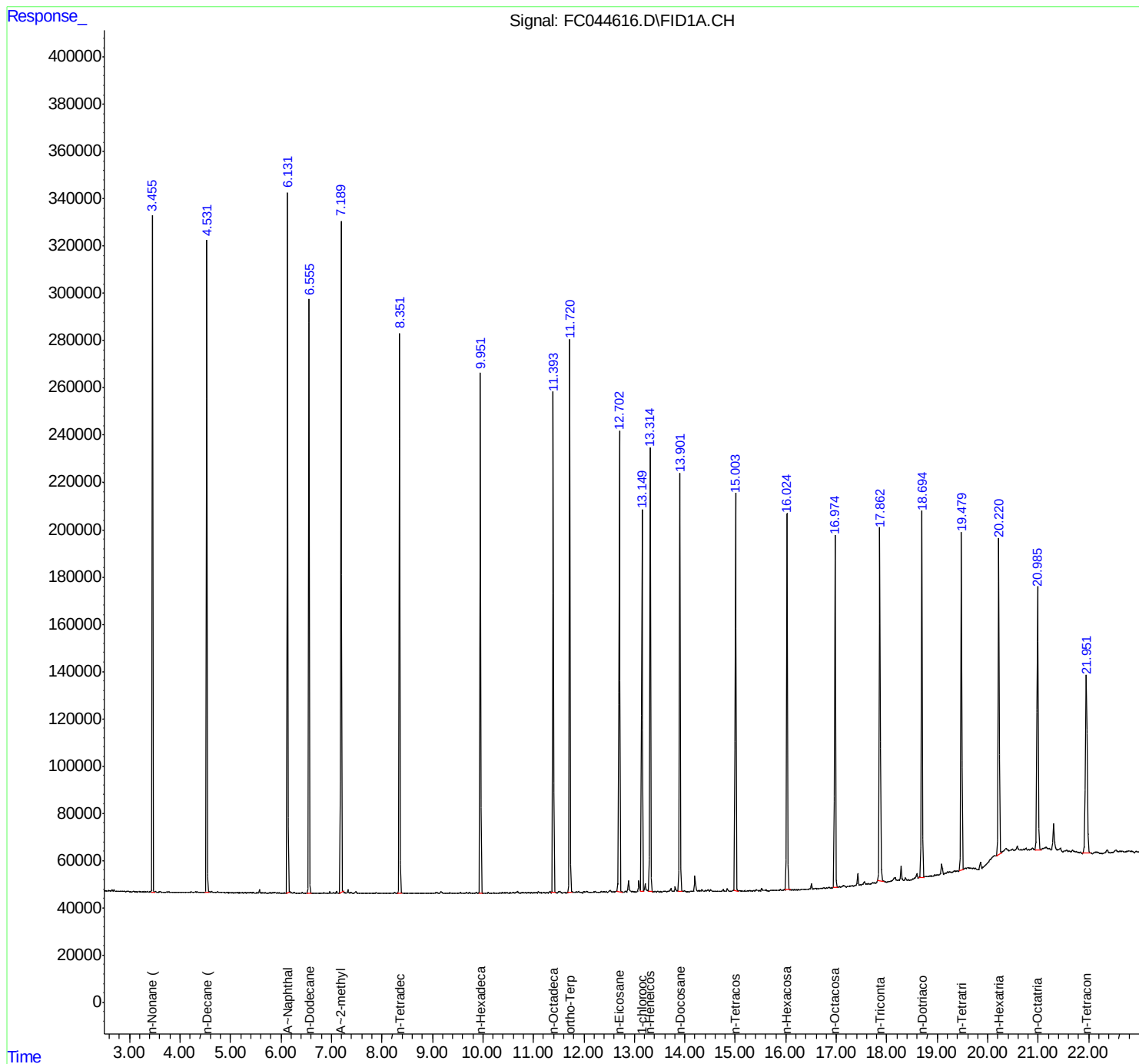
(f)=RT Delta > 1/2 Window

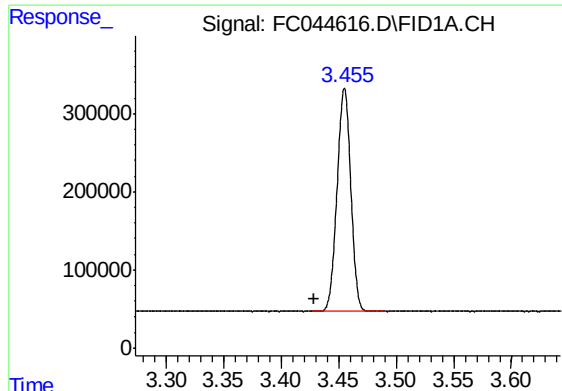
(m)=manual int.

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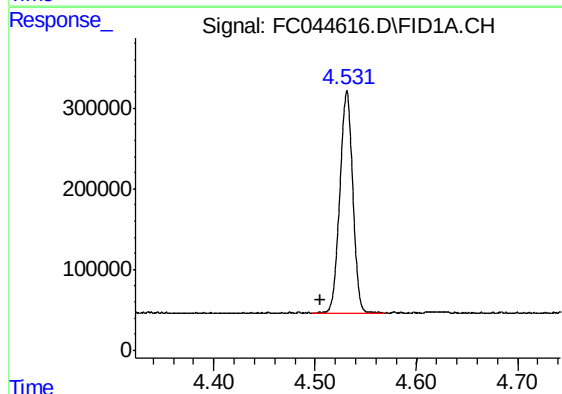
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Signal Info : 20M x 0.18mm x 0.18um





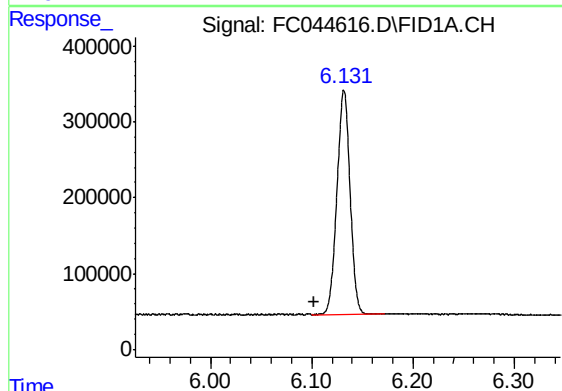
#1 n-Nonane (C9)

R.T.: 3.455 min
Delta R.T.: 0.026 min
Response: 2375109
Conc: 21.56 ug/ml



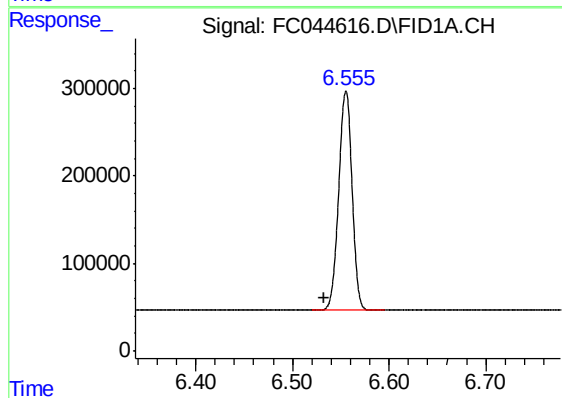
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.026 min
Response: 2424038
Conc: 21.82 ug/ml



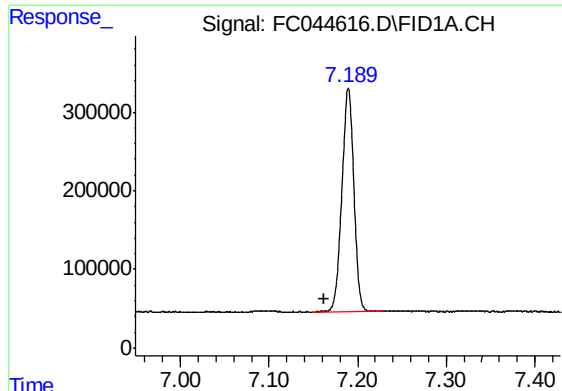
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: 0.029 min
Response: 2660651
Conc: 21.38 ug/ml



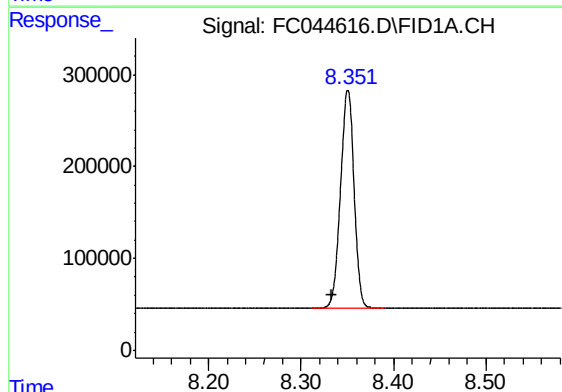
#4 n-Dodecane (C12)

R.T.: 6.556 min
Delta R.T.: 0.022 min
Response: 2434498
Conc: 21.65 ug/ml



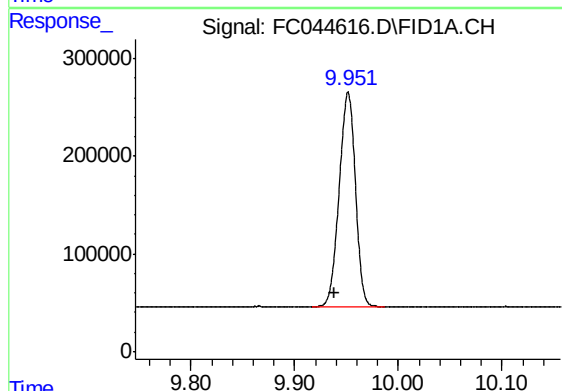
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min
Delta R.T.: 0.027 min
Response: 2663604
Conc: 21.12 ug/ml



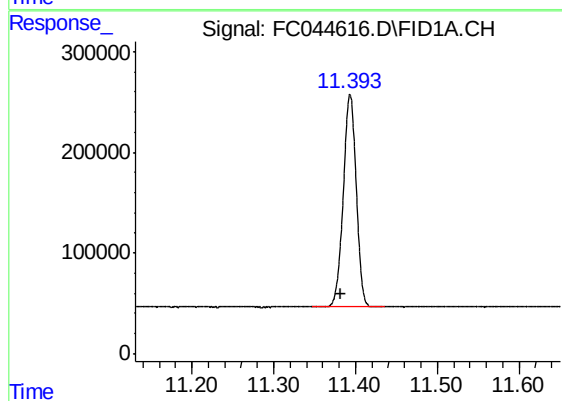
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.018 min
Response: 2409142
Conc: 21.29 ug/ml



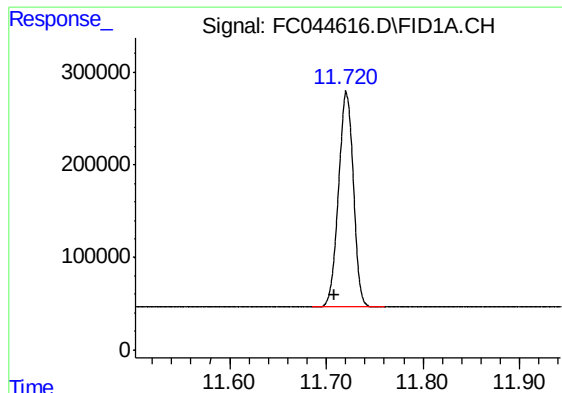
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: 0.013 min
Response: 2381902
Conc: 20.85 ug/ml



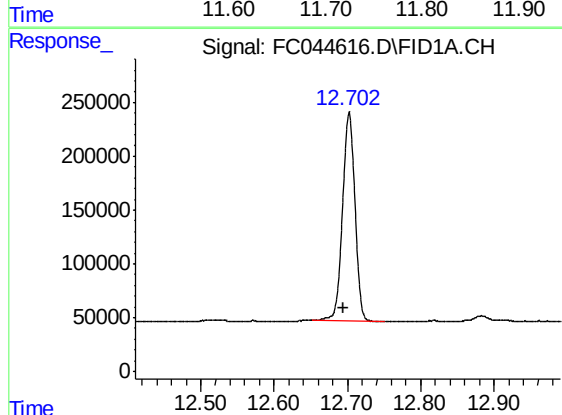
#8 n-Octadecane (C18)

R.T.: 11.394 min
Delta R.T.: 0.011 min
Response: 2326668
Conc: 20.32 ug/ml



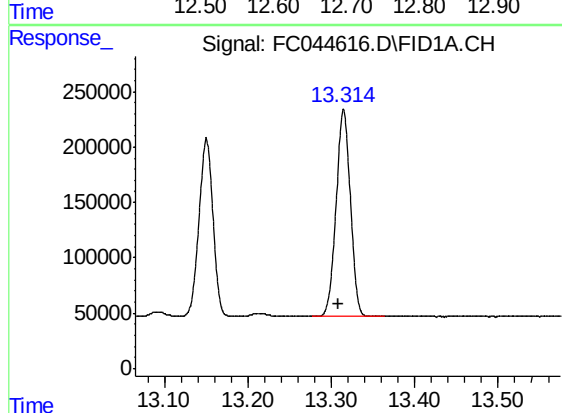
#9 ortho-Terphenyl (SURR)

R.T.: 11.721 min
Delta R.T.: 0.012 min
Response: 2499896
Conc: 17.15 ug/ml



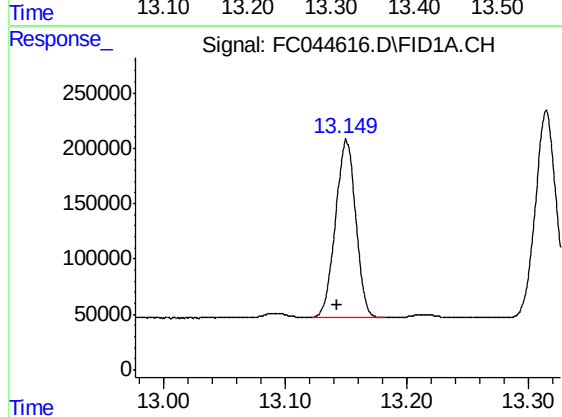
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: 0.008 min
Response: 2285592
Conc: 20.04 ug/ml



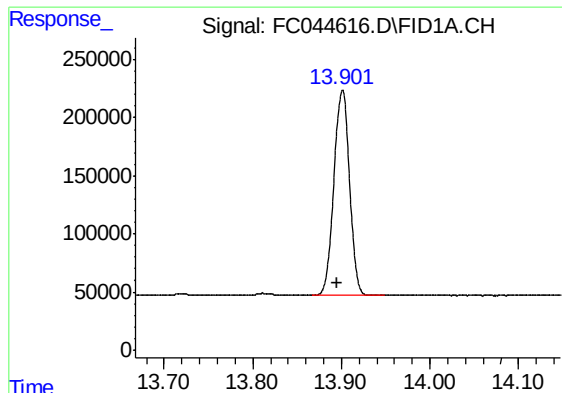
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: 0.007 min
Response: 2225192
Conc: 19.40 ug/ml



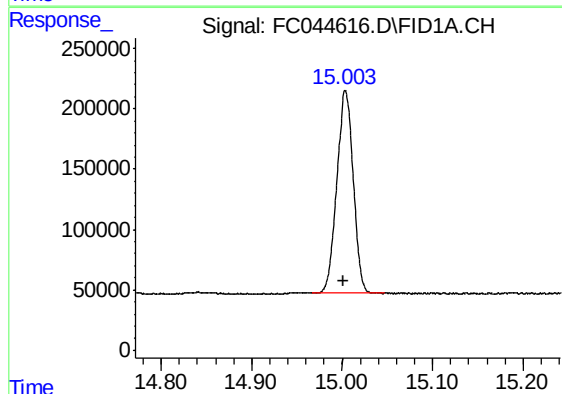
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: 0.008 min
Response: 1859950
Conc: 16.63 ug/ml



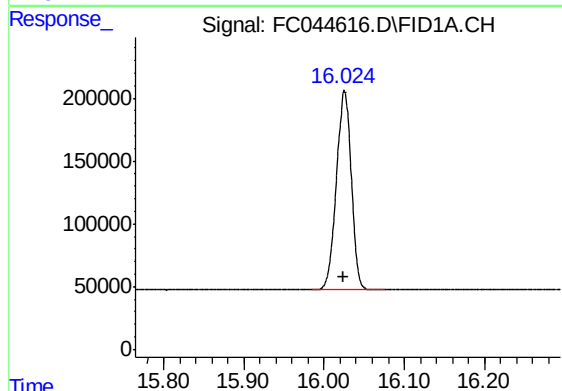
#13 n-Docosane (C22)

R.T.: 13.902 min
Delta R.T.: 0.006 min
Response: 2173219
Conc: 19.14 ug/ml



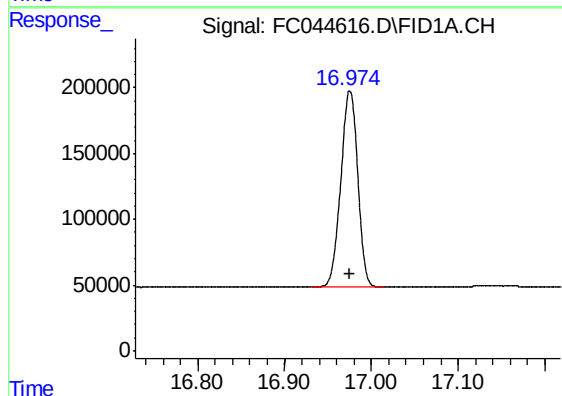
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: 0.003 min
Response: 2114962
Conc: 18.70 ug/ml



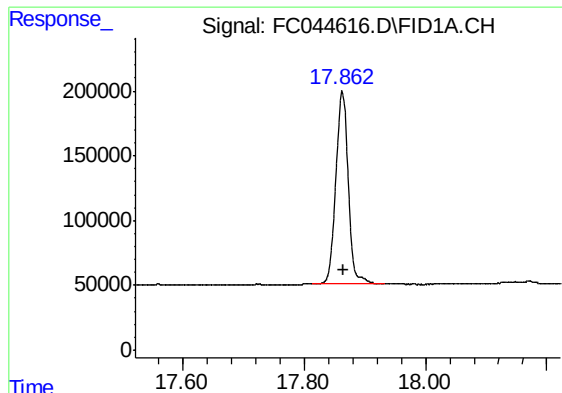
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.002 min
Response: 2042599
Conc: 18.46 ug/ml



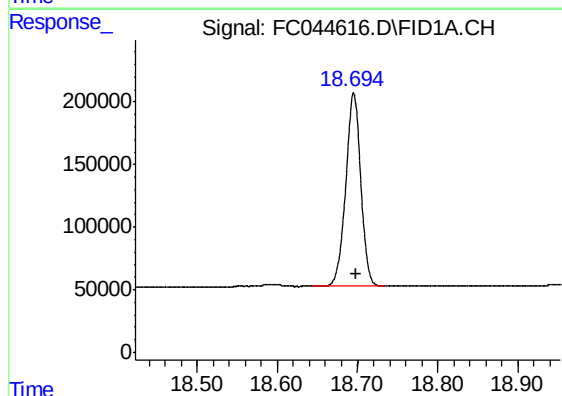
#16 n-Octacosane (C28)

R.T.: 16.975 min
Delta R.T.: 0.000 min
Response: 2019431
Conc: 18.64 ug/ml



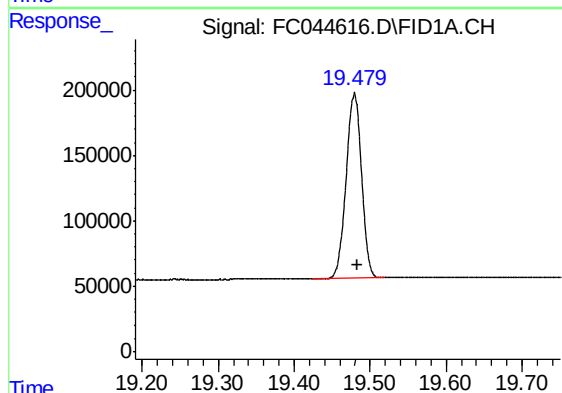
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: -0.001 min
Response: 2097195
Conc: 19.82 ug/ml



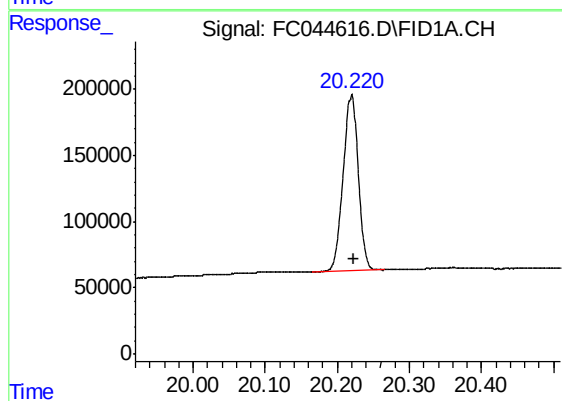
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: -0.003 min
Response: 2002860
Conc: 19.89 ug/ml



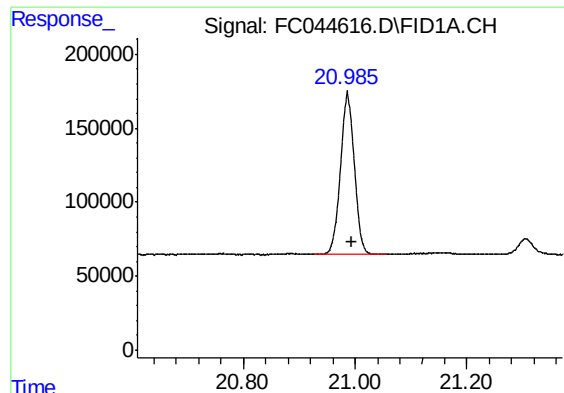
#19 n-Tetratriacontane (C34)

R.T.: 19.479 min
Delta R.T.: -0.004 min
Response: 2002230
Conc: 21.35 ug/ml



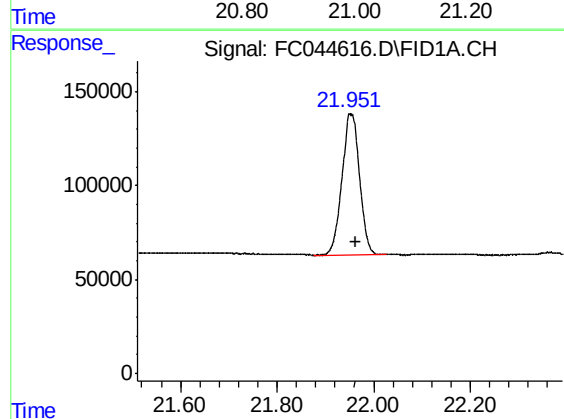
#20 n-Hexatriacontane (C36)

R.T.: 20.220 min
Delta R.T.: -0.003 min
Response: 1949390
Conc: 22.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.986 min
Delta R.T.: -0.008 min
Response: 1884941
Conc: 23.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.007 min
Response: 1899791
Conc: 22.48 ug/ml