

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110819AL\
 Data File : FC044444.D
 Signal(s) : FID1A.CH
 Acq On : 09 Nov 2019 8:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 11 00:23:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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

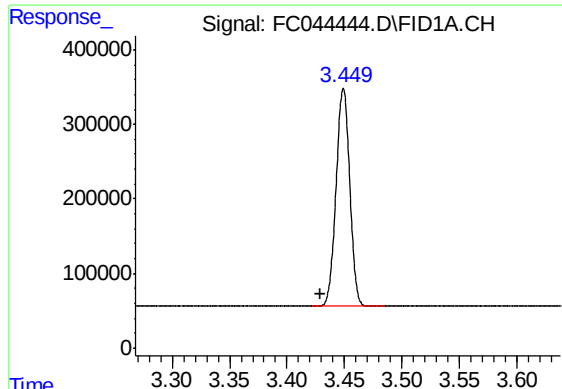
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.717	2521053	17.296 ug/ml
Spiked Amount 50.000		Recovery =	34.59%
12) S 1-chlorooctadecane (S...	13.147	1894349	16.942 ug/ml
Spiked Amount 50.000		Recovery =	33.88%
Target Compounds			
1) T n-Nonane (C9)	3.449	2420334	21.972 ug/ml
2) T n-Decane (C10)	4.525	2470831	22.246 ug/ml
3) T A~Naphthalene (C11.7)	6.126	2719233	21.855 ug/ml
4) T n-Dodecane (C12)	6.551	2495810	22.192 ug/ml
5) T A~2-methylnaphthalene...	7.184	2730019	21.649 ug/ml
6) T n-Tetradecane (C14)	8.346	2469182	21.825 ug/ml
7) T n-Hexadecane (C16)	9.948	2428578	21.254 ug/ml
8) T n-Octadecane (C18)	11.390	2362431	20.634 ug/ml
10) T n-Eicosane (C20)	12.700	2278426	19.978 ug/ml
11) T n-Heneicosane (C21)	13.312	2240391	19.532 ug/ml
13) T n-Docosane (C22)	13.899	2209427	19.456 ug/ml
14) T n-Tetracosane (C24)	15.003	2183925	19.313 ug/ml
15) T n-Hexacosane (C26)	16.025	2149926	19.432 ug/ml
16) T n-Octacosane (C28)	16.973	2148351	19.832 ug/ml
17) T n-Tricontane (C30)	17.863	2151159	20.326 ug/ml
18) T n-Dotriacontane (C32)	18.696	2102657	20.878 ug/ml
19) T n-Tetratriacontane (C34)	19.480	2036534	21.719 ug/ml
20) T n-Hexatriacontane (C36)	20.223	1962674	22.609 ug/ml
21) T n-Octatriacontane (C38)	20.992	1865453	23.133 ug/ml
22) T n-Tetracontane (C40)	21.956	1877785	22.215 ug/ml

(f)=RT Delta > 1/2 Window

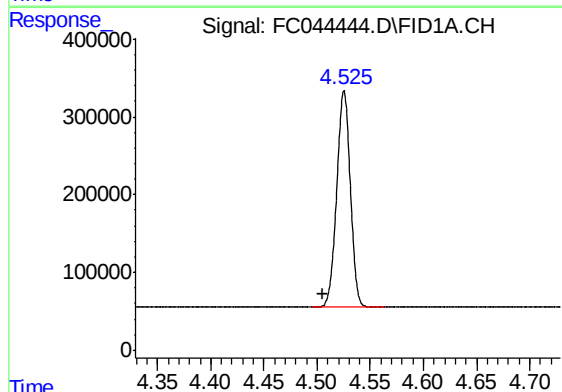
(m)=manual int.



#1 n-Nonane (C9)

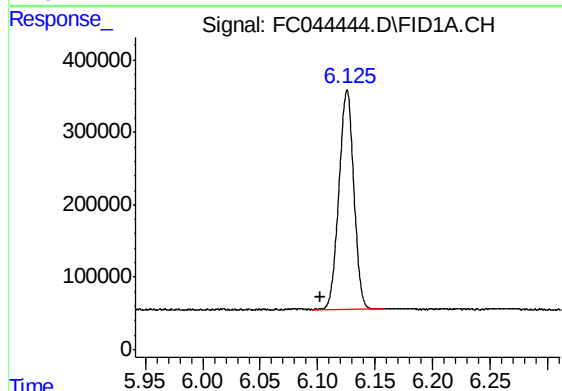
R.T.: 3.449 min
Delta R.T.: 0.020 min
Response: 2420334
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



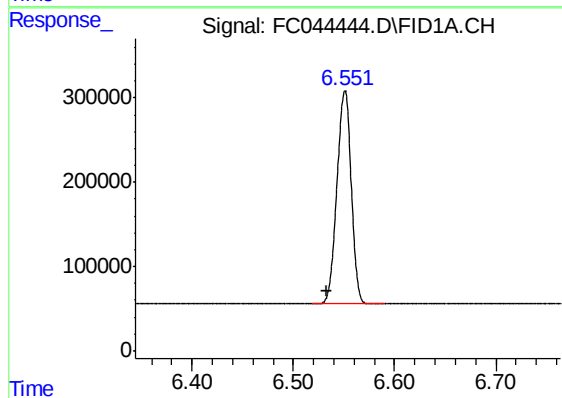
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.020 min
Response: 2470831
Conc: 22.25 ug/ml



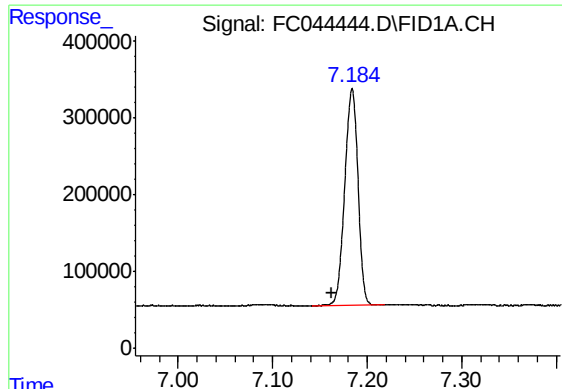
#3 A-Naphthalene (C11.7)

R.T.: 6.126 min
Delta R.T.: 0.023 min
Response: 2719233
Conc: 21.85 ug/ml



#4 n-Dodecane (C12)

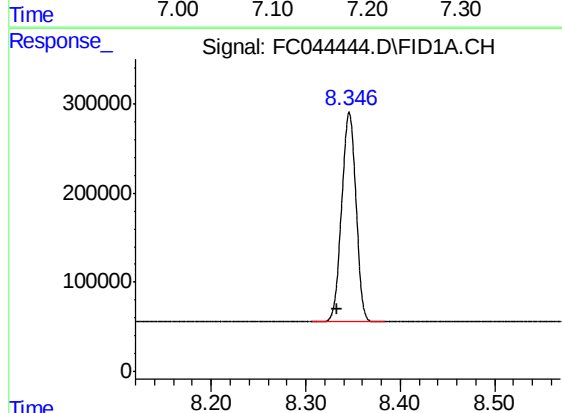
R.T.: 6.551 min
Delta R.T.: 0.018 min
Response: 2495810
Conc: 22.19 ug/ml



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

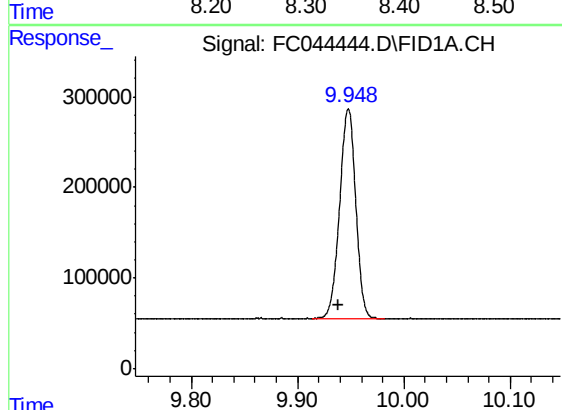
R.T.: 7.184 min
Delta R.T.: 0.021 min
Response: 2730019
Conc: 21.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



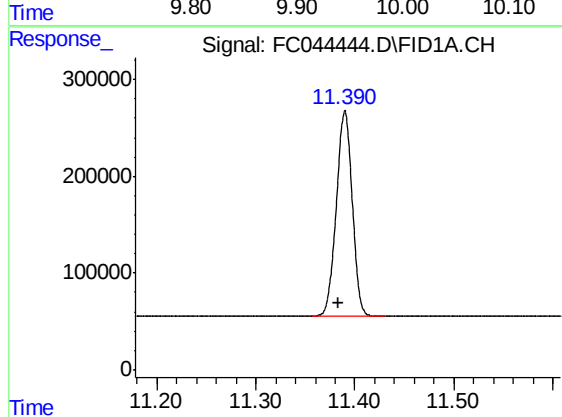
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: 0.013 min
Response: 2469182
Conc: 21.82 ug/ml



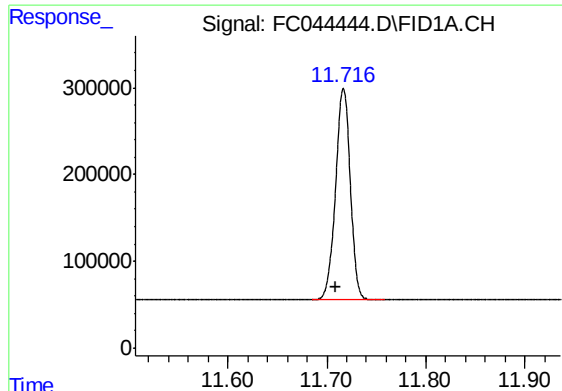
#7 n-Hexadecane (C16)

R.T.: 9.948 min
Delta R.T.: 0.010 min
Response: 2428578
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

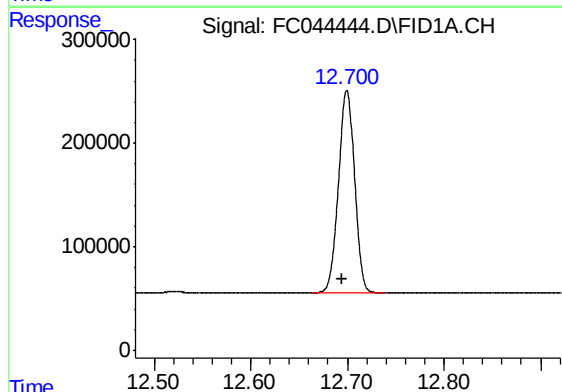
R.T.: 11.390 min
Delta R.T.: 0.007 min
Response: 2362431
Conc: 20.63 ug/ml



#9 ortho-Terphenyl (SURR)

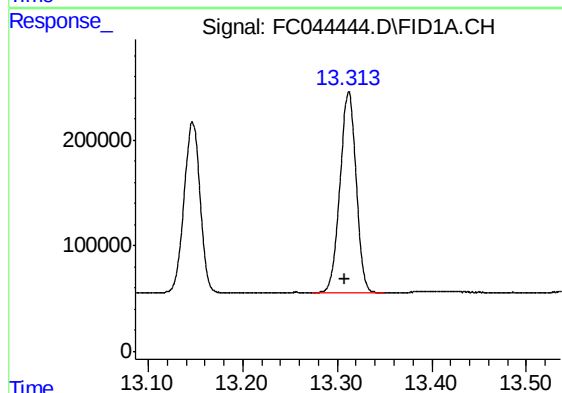
R.T.: 11.717 min
Delta R.T.: 0.008 min
Response: 2521053
Conc: 17.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



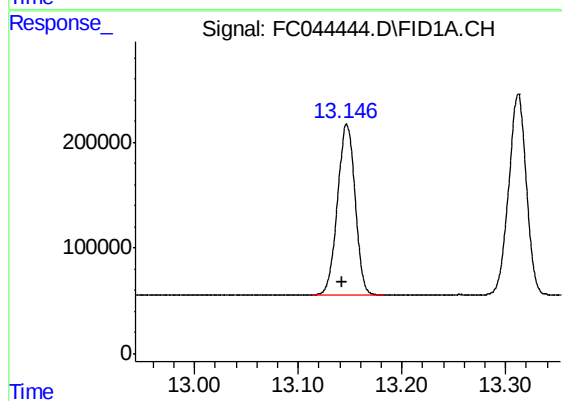
#10 n-Eicosane (C20)

R.T.: 12.700 min
Delta R.T.: 0.005 min
Response: 2278426
Conc: 19.98 ug/ml



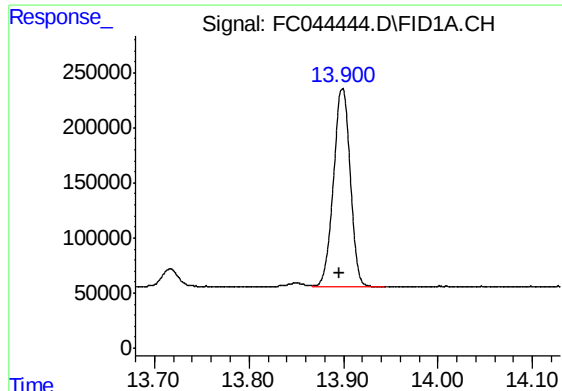
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: 0.004 min
Response: 2240391
Conc: 19.53 ug/ml



#12 1-chlorooctadecane (SURR)

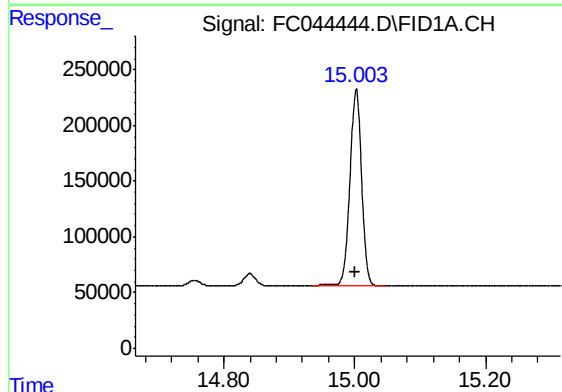
R.T.: 13.147 min
Delta R.T.: 0.005 min
Response: 1894349
Conc: 16.94 ug/ml



#13 n-Docosane (C22)

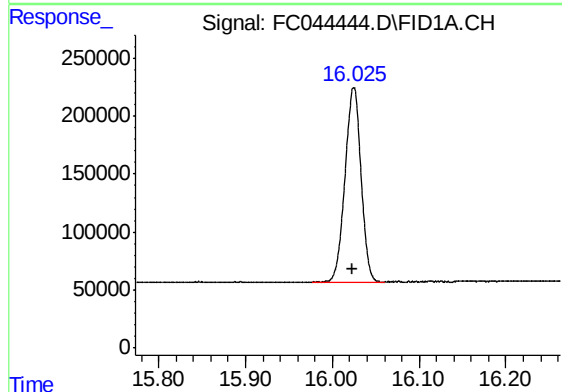
R.T.: 13.899 min
Delta R.T.: 0.004 min
Response: 2209427
Conc: 19.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



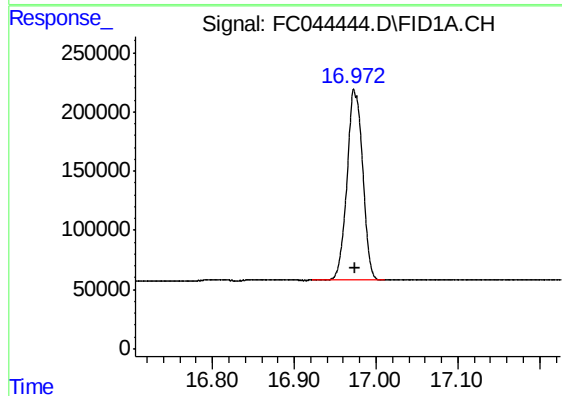
#14 n-Tetracosane (C24)

R.T.: 15.003 min
Delta R.T.: 0.002 min
Response: 2183925
Conc: 19.31 ug/ml



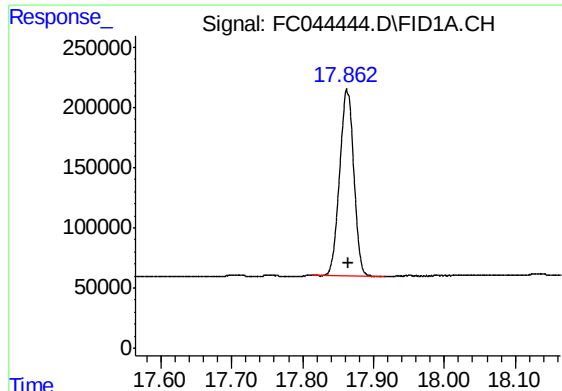
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.001 min
Response: 2149926
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

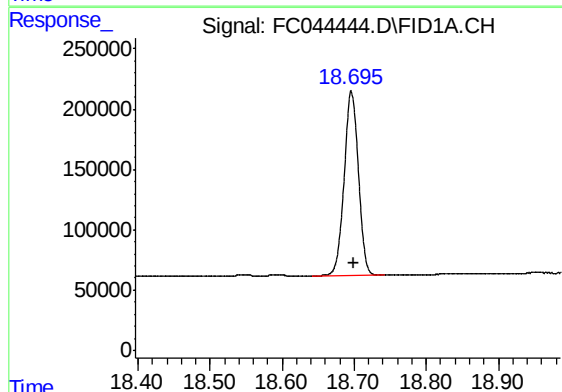
R.T.: 16.973 min
Delta R.T.: -0.001 min
Response: 2148351
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

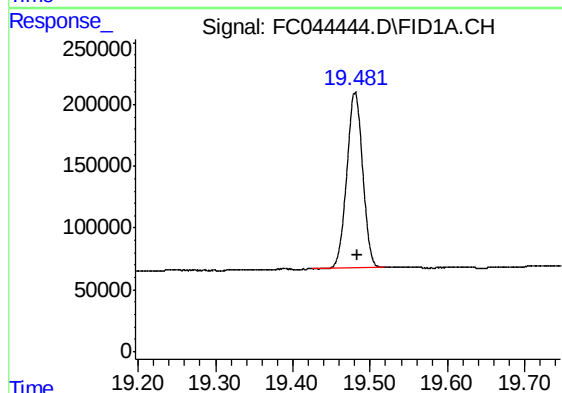
R.T.: 17.863 min
Delta R.T.: -0.002 min
Response: 2151159
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



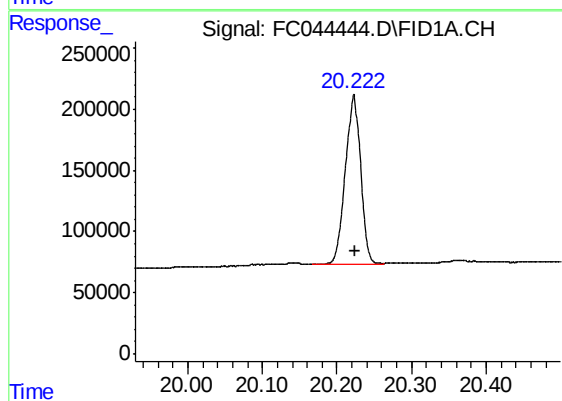
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: -0.003 min
Response: 2102657
Conc: 20.88 ug/ml



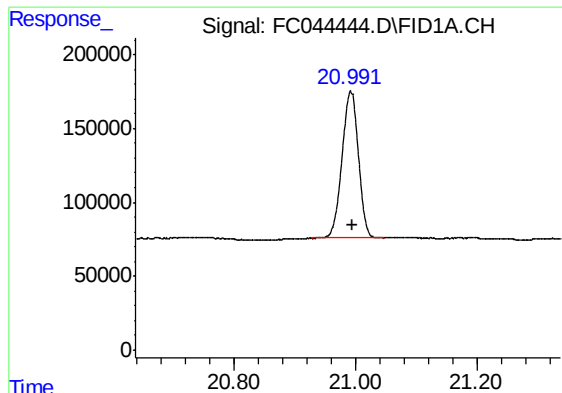
#19 n-Tetatriacontane (C34)

R.T.: 19.480 min
Delta R.T.: -0.003 min
Response: 2036534
Conc: 21.72 ug/ml



#20 n-Hexatriacontane (C36)

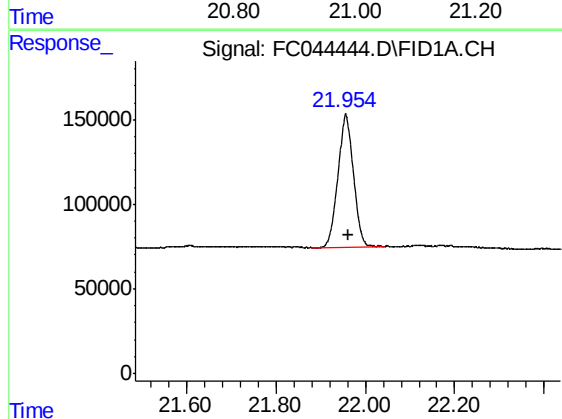
R.T.: 20.223 min
Delta R.T.: 0.000 min
Response: 1962674
Conc: 22.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.992 min
Delta R.T.: -0.002 min
Response: 1865453
Conc: 23.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.956 min
Delta R.T.: -0.005 min
Response: 1877785
Conc: 22.21 ug/ml