

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059361.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2022 16:39
 Operator : UA/NP
 Sample : N2349-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 23:31:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 2022
 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)	11.100	682052	4.244 ug/ml
Spiked Amount 50.000		Recovery =	8.49%
12) S 1-chlorooctadecane (S...	12.566	6123457	46.893 ug/ml
Spiked Amount 50.000		Recovery =	93.79%
Target Compounds			
2) T n-Decane (C10)	4.005	74663	0.598 ug/ml
4) T n-Dodecane (C12)	6.000	158748	1.204 ug/ml
6) T n-Tetradecane (C14)	7.780	167255	1.237 ug/ml
7) T n-Hexadecane (C16)	9.370	169017	1.203 ug/ml
8) T n-Octadecane (C18)	10.803	1207282	8.265 ug/ml
10) T n-Eicosane (C20)	12.120	6147650	40.992 ug/ml
11) T n-Heneicosane (C21)	12.745	6996189	45.994 ug/ml
13) T n-Docosane (C22)	13.346	11863702	77.428 ug/ml
14) T n-Tetracosane (C24)	14.359	53857171	347.820 ug/ml
15) T n-Hexacosane (C26)	15.413	2063623	13.390 ug/ml
16) T n-Octacosane (C28)	16.358	22575710	145.835 ug/ml
17) T n-Tricontane (C30)	17.239	20263555	133.411 ug/ml
18) T n-Dotriacontane (C32)	18.062	27187877	192.958 ug/ml
19) T n-Tetratriacontane (C34)	18.871	667656	5.283 ug/ml

(f)=RT Delta > 1/2 Window

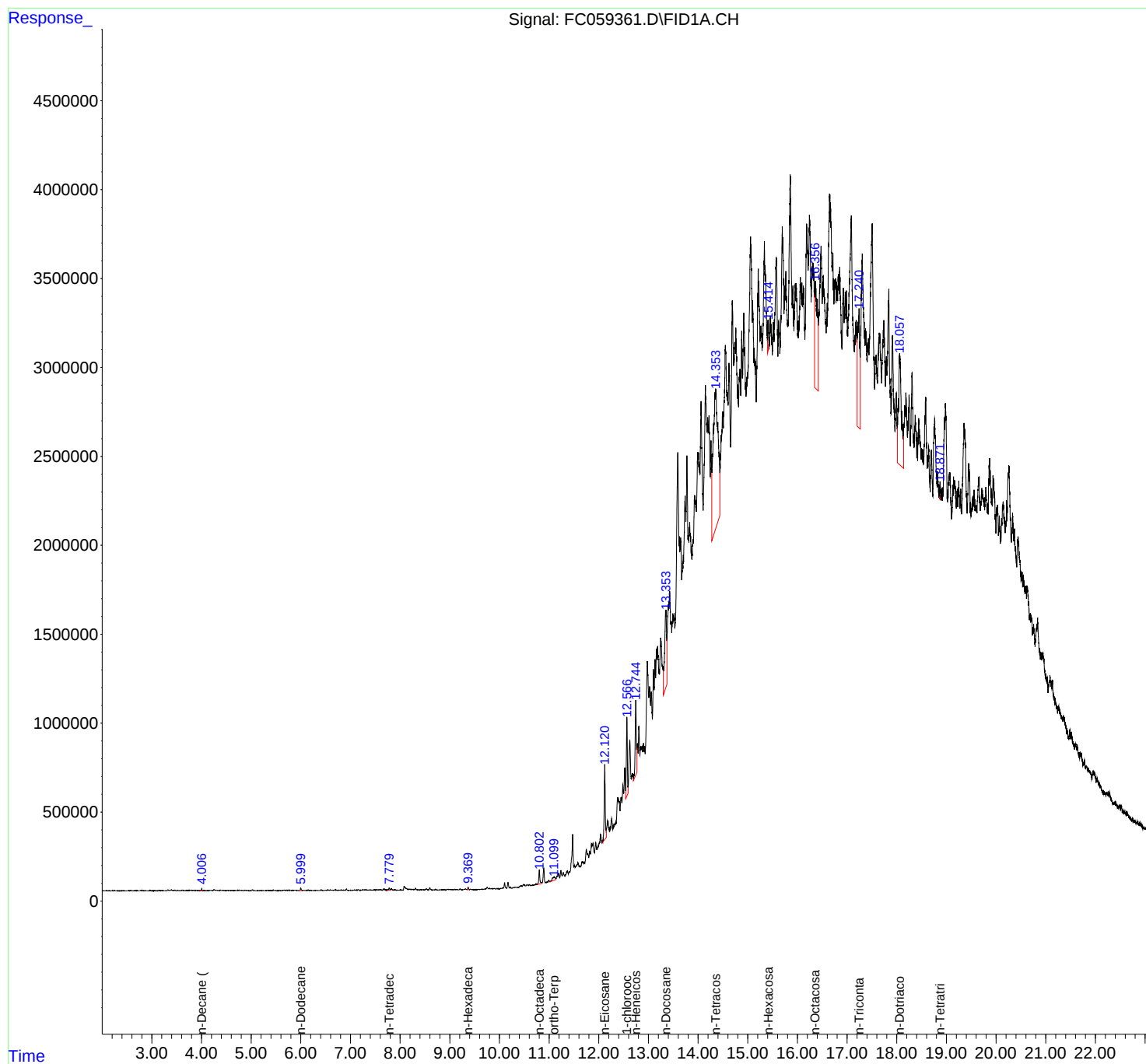
(m)=manual int.

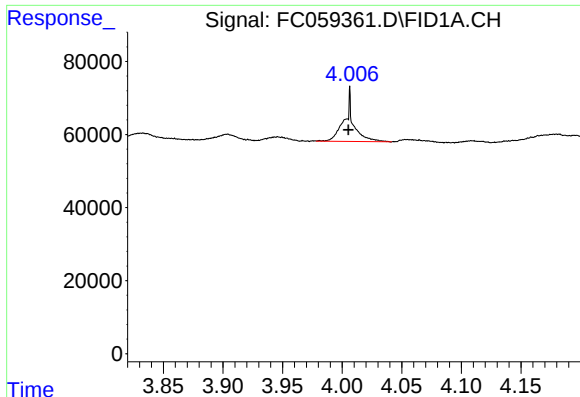
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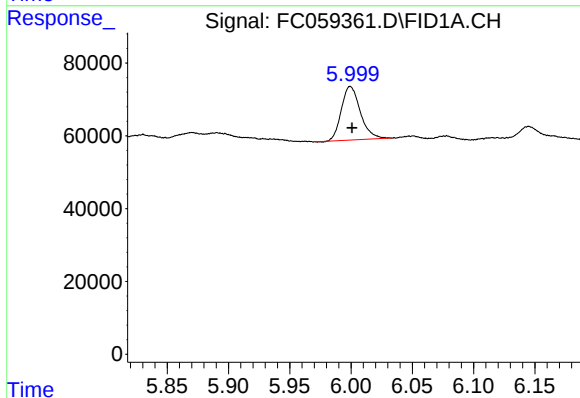




#2 n-Decane (C10)

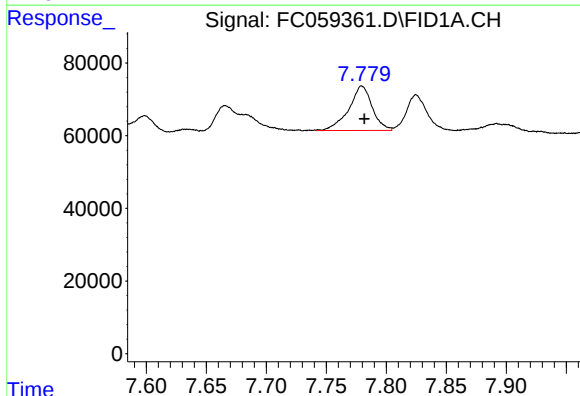
R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 74663
Conc: 0.60 ug/ml

Instrument :
FID_C
ClientSampleId :



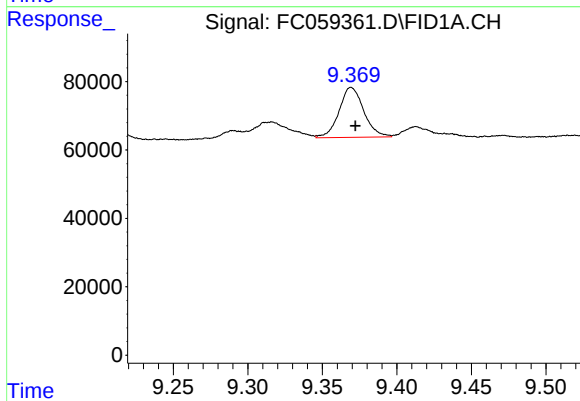
#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 158748
Conc: 1.20 ug/ml



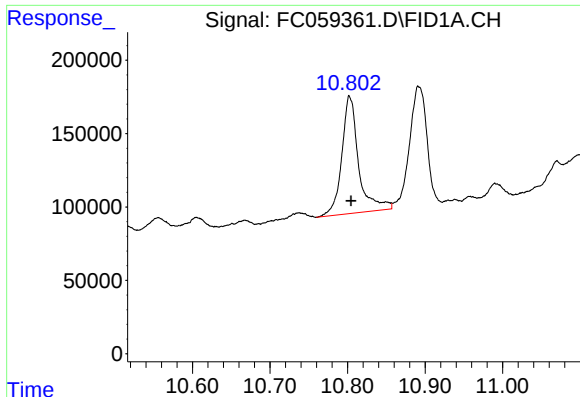
#6 n-Tetradecane (C14)

R.T.: 7.780 min
Delta R.T.: -0.002 min
Response: 167255
Conc: 1.24 ug/ml



#7 n-Hexadecane (C16)

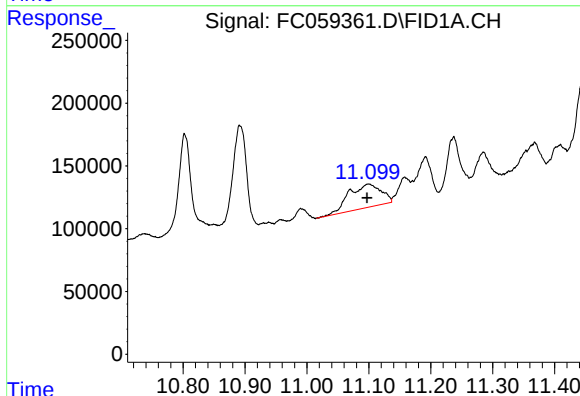
R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 169017
Conc: 1.20 ug/ml



#8 n-Octadecane (C18)

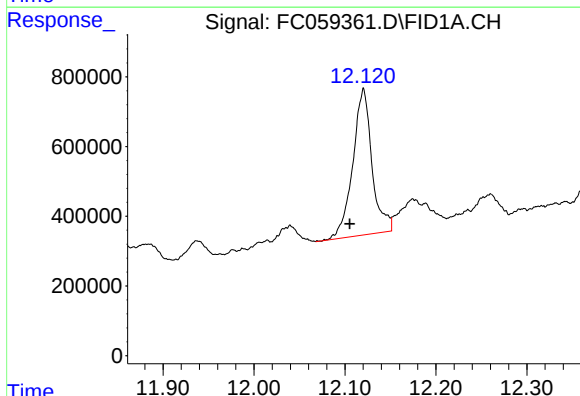
R.T.: 10.803 min
Delta R.T.: -0.001 min
Response: 1207282
Conc: 8.26 ug/ml

Instrument :
FID_C
ClientSampleId :



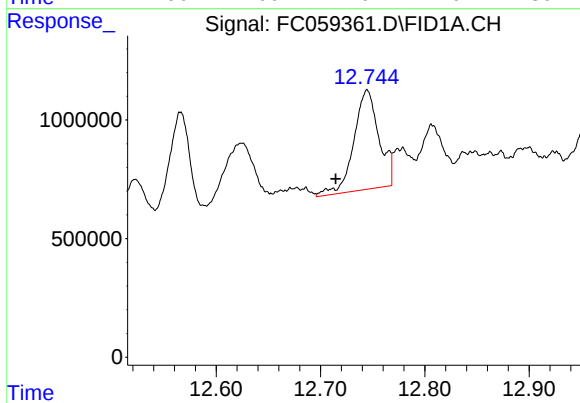
#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min
Delta R.T.: 0.002 min
Response: 682052
Conc: 4.24 ug/ml



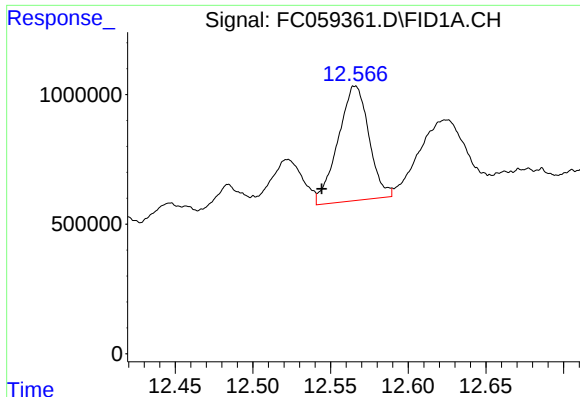
#10 n-Eicosane (C20)

R.T.: 12.120 min
Delta R.T.: 0.015 min
Response: 6147650
Conc: 40.99 ug/ml



#11 n-Heneicosane (C21)

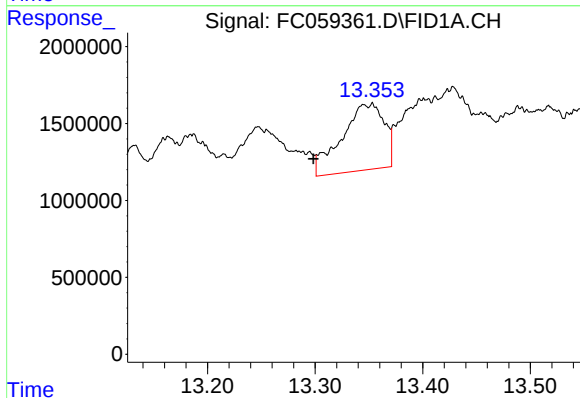
R.T.: 12.745 min
Delta R.T.: 0.030 min
Response: 6996189
Conc: 45.99 ug/ml



#12 1-chlorooctadecane (SURR)

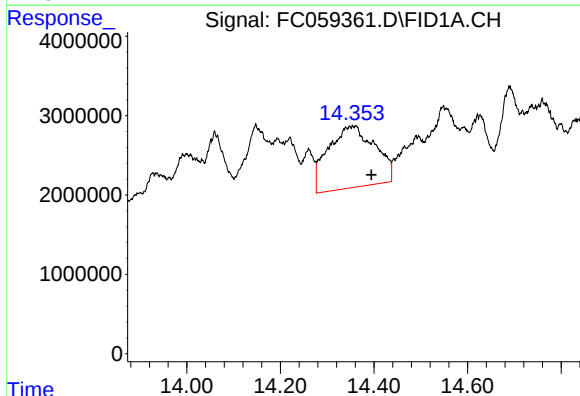
R.T.: 12.566 min
Delta R.T.: 0.022 min
Response: 6123457
Conc: 46.89 ug/ml

Instrument :
FID_C
ClientSampleId :



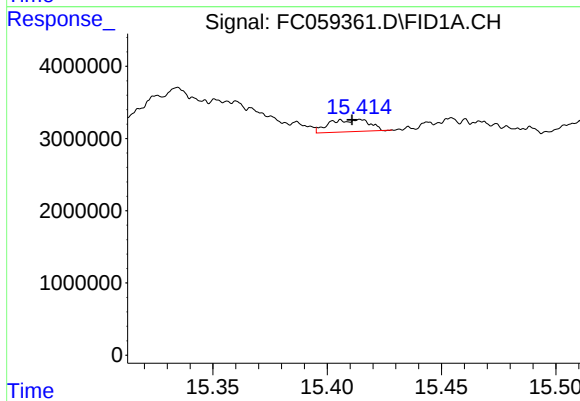
#13 n-Docosane (C22)

R.T.: 13.346 min
Delta R.T.: 0.048 min
Response: 11863702
Conc: 77.43 ug/ml



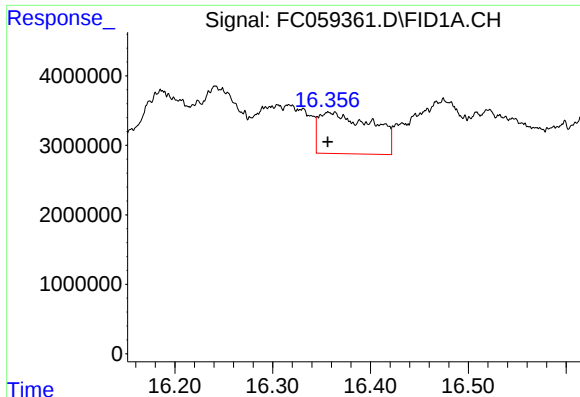
#14 n-Tetracosane (C24)

R.T.: 14.359 min
Delta R.T.: -0.035 min
Response: 53857171
Conc: 347.82 ug/ml



#15 n-Hexacosane (C26)

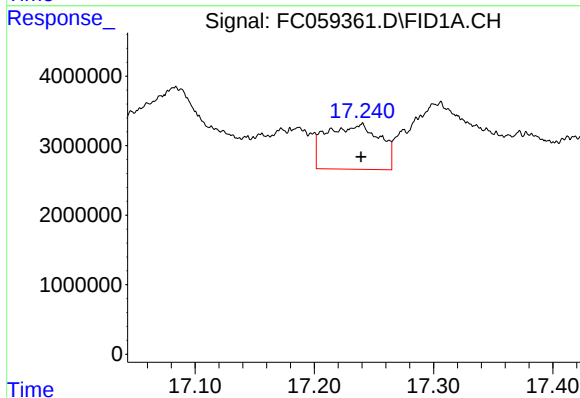
R.T.: 15.413 min
Delta R.T.: 0.002 min
Response: 2063623
Conc: 13.39 ug/ml



#16 n-Octacosane (C28)

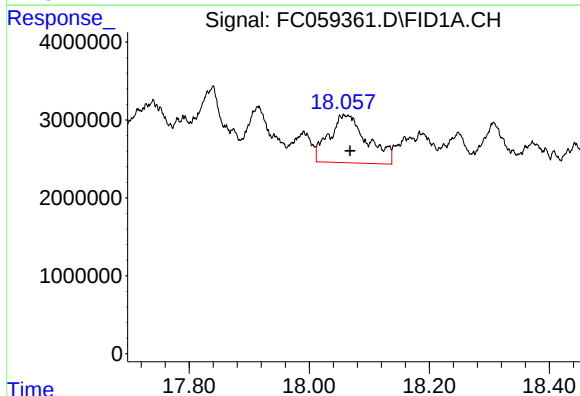
R.T.: 16.358 min
Delta R.T.: 0.002 min
Response: 22575710
Conc: 145.83 ug/ml

Instrument :
FID_C
ClientSampleId :



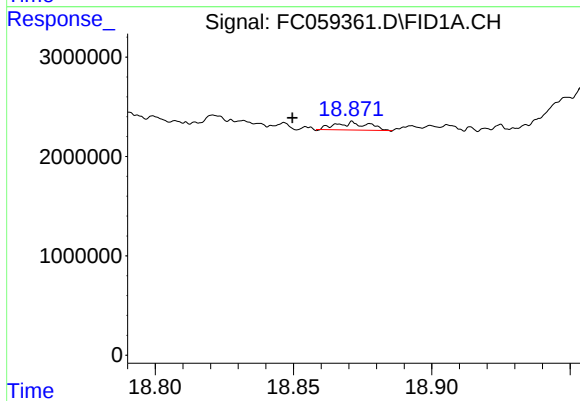
#17 n-Tricontane (C30)

R.T.: 17.239 min
Delta R.T.: 0.000 min
Response: 20263555
Conc: 133.41 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.062 min
Delta R.T.: -0.007 min
Response: 27187877
Conc: 192.96 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.871 min
Delta R.T.: 0.022 min
Response: 667656
Conc: 5.28 ug/ml