

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042821AL\
 Data File : FC053468.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2021 17:52
 Operator : DD\AJ
 Sample : M2191-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 29 01:53:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 2021
 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)	11.547	4532348	32.749 ug/ml
Spiked Amount 50.000		Recovery =	65.50%
12) S 1-chlorooctadecane (S...	13.027	120254992	1111.086 ug/ml
Spiked Amount 50.000		Recovery =	2222.17%
Target Compounds			
6) T n-Tetradecane (C14)	8.182	159712	1.312 ug/ml
7) T n-Hexadecane (C16)	9.785	186629	1.551 ug/ml
8) T n-Octadecane (C18)	11.229	144715	1.142 ug/ml
10) T n-Eicosane (C20)	12.541	229119	1.787 ug/ml
11) T n-Heneicosane (C21)	13.165	257812	2.007 ug/ml
13) T n-Docosane (C22)	13.745	331077	2.569 ug/ml
14) T n-Tetracosane (C24)	14.842	542057	4.197 ug/ml
15) T n-Hexacosane (C26)	15.870	244581	1.903 ug/ml
16) T n-Octacosane (C28)	16.822	346104	2.672 ug/ml
17) T n-Tricontane (C30)	17.711	377535	2.804 ug/ml
18) T n-Dotriacontane (C32)	18.542	456178	3.326 ug/ml
19) T n-Tetratriacontane (C34)	19.330	262863	2.014 ug/ml
20) T n-Hexatriacontane (C36)	20.072	349556	2.887 ug/ml

(f)=RT Delta > 1/2 Window

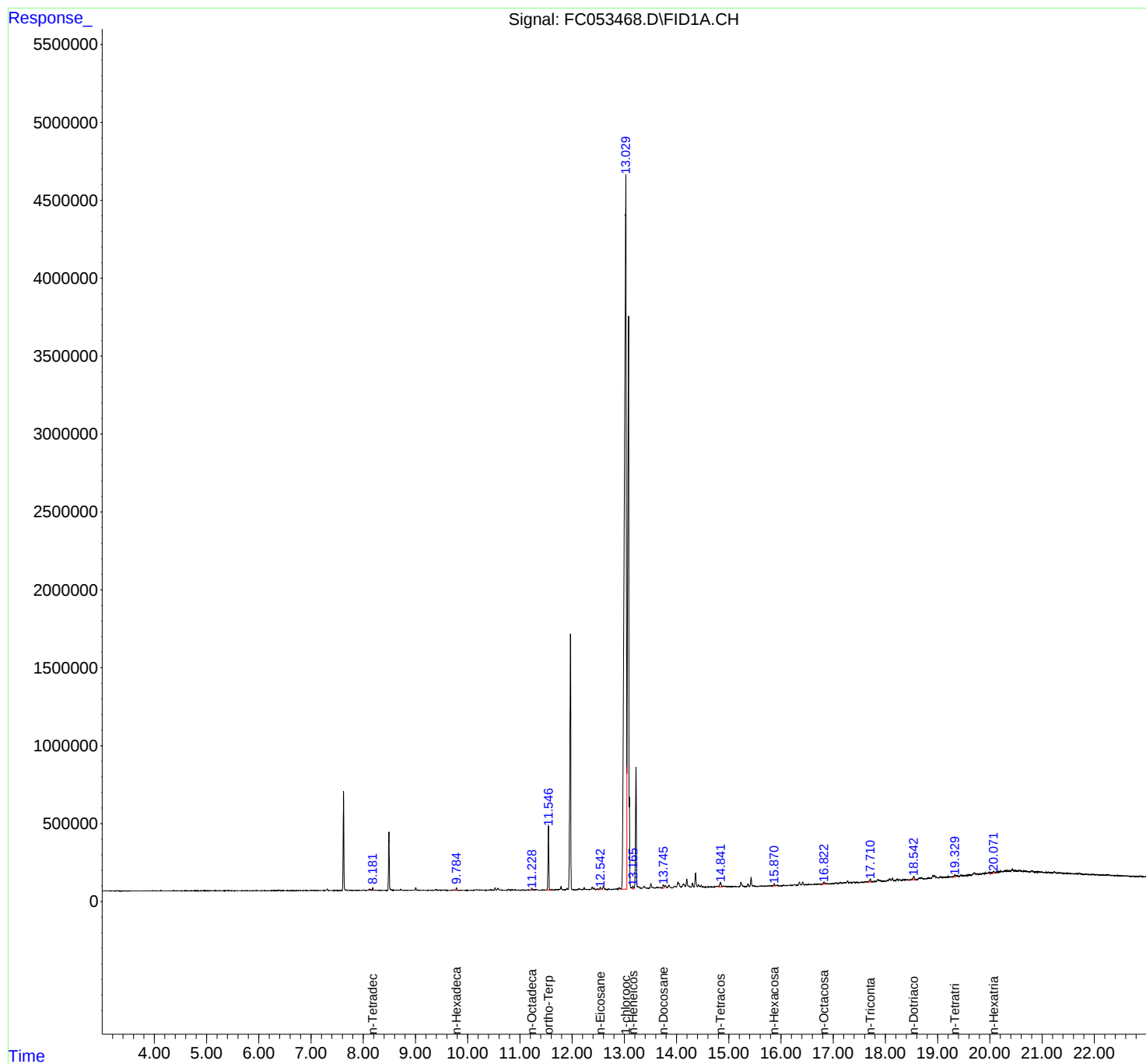
(m)=manual int.

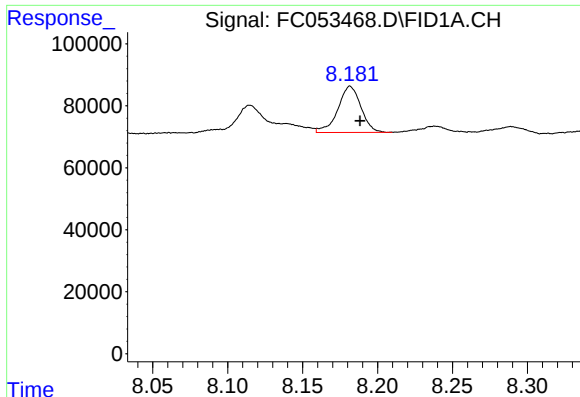
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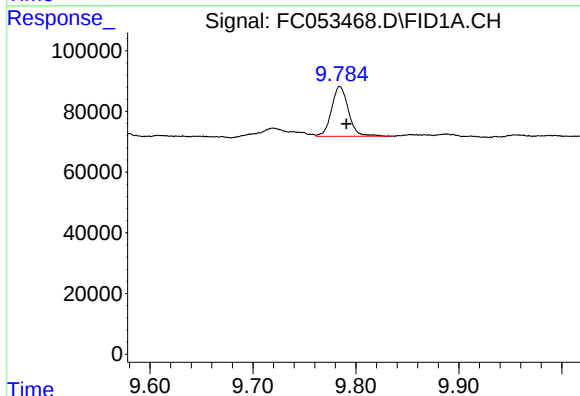




#6 n-Tetradecane (C14)

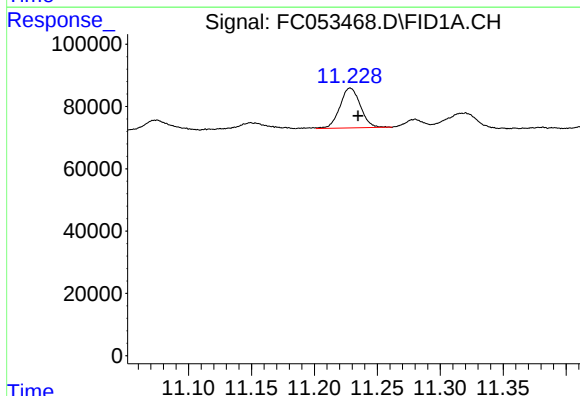
R.T.: 8.182 min
Delta R.T.: -0.007 min
Response: 159712
Conc: 1.31 ug/ml

Instrument :
FID_C
ClientSampleId :



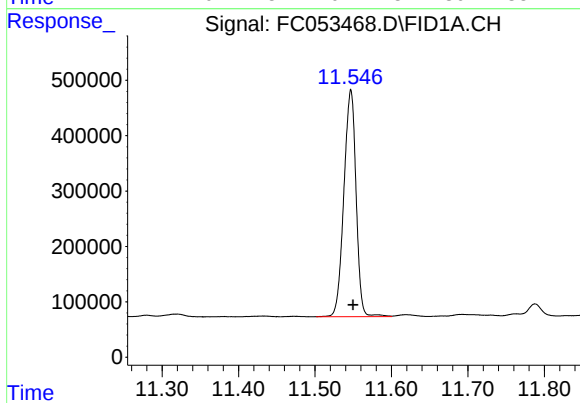
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.006 min
Response: 186629
Conc: 1.55 ug/ml



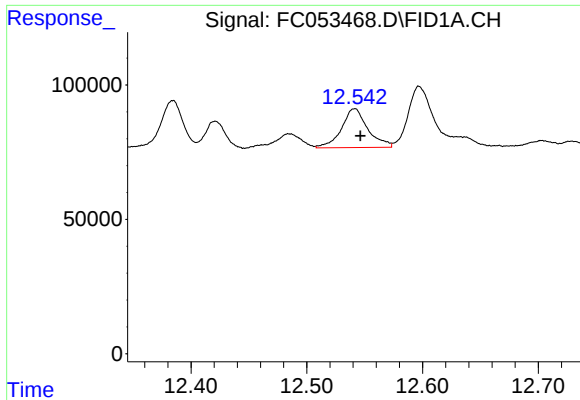
#8 n-Octadecane (C18)

R.T.: 11.229 min
Delta R.T.: -0.006 min
Response: 144715
Conc: 1.14 ug/ml



#9 ortho-Terphenyl (SURR)

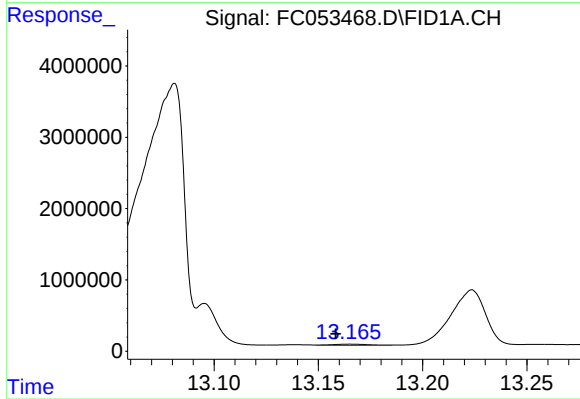
R.T.: 11.547 min
Delta R.T.: -0.003 min
Response: 4532348
Conc: 32.75 ug/ml



#10 n-Eicosane (C20)

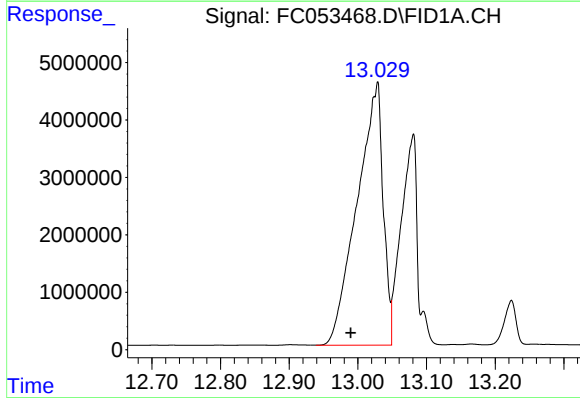
R.T.: 12.541 min
Delta R.T.: -0.005 min
Response: 229119
Conc: 1.79 ug/ml

Instrument :
FID_C
ClientSampleId :



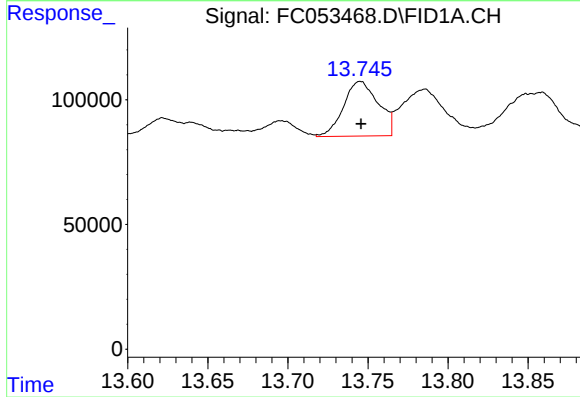
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: 0.007 min
Response: 257812
Conc: 2.01 ug/ml



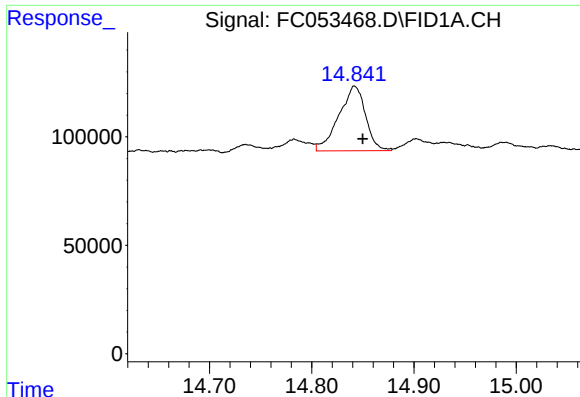
#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: 0.037 min
Response: 120254992
Conc: 1111.09 ug/ml



#13 n-Docosane (C22)

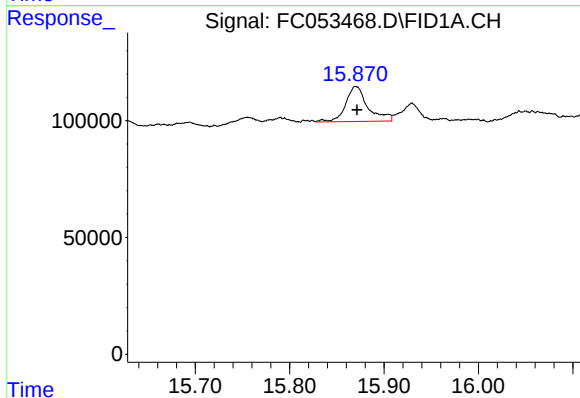
R.T.: 13.745 min
Delta R.T.: 0.000 min
Response: 331077
Conc: 2.57 ug/ml



#14 n-Tetracosane (C24)

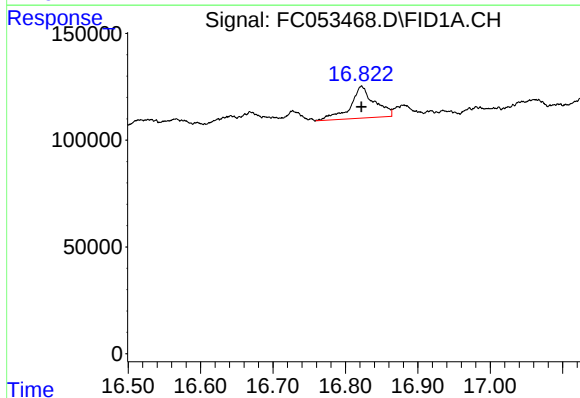
R.T.: 14.842 min
Delta R.T.: -0.008 min
Response: 542057
Conc: 4.20 ug/ml

Instrument :
FID_C
ClientSampleId :



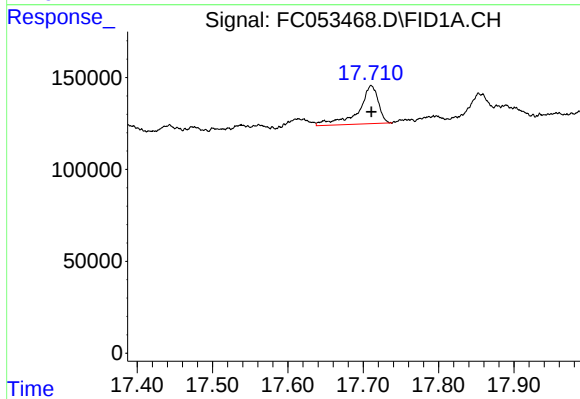
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: -0.001 min
Response: 244581
Conc: 1.90 ug/ml



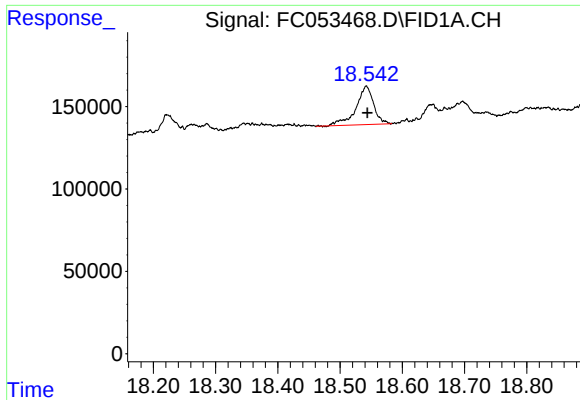
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: 0.000 min
Response: 346104
Conc: 2.67 ug/ml



#17 n-Tricontane (C30)

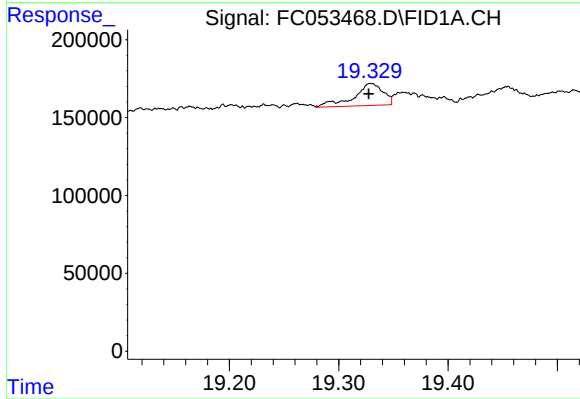
R.T.: 17.711 min
Delta R.T.: 0.000 min
Response: 377535
Conc: 2.80 ug/ml



#18 n-Dotriacontane (C32)

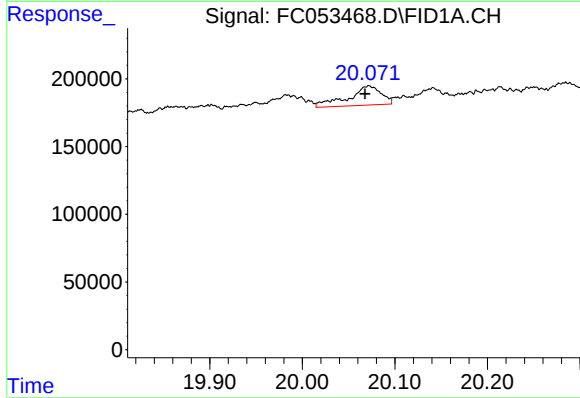
R.T.: 18.542 min
Delta R.T.: -0.002 min
Response: 456178
Conc: 3.33 ug/ml

Instrument :
FID_C
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: 0.002 min
Response: 262863
Conc: 2.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: 0.004 min
Response: 349556
Conc: 2.89 ug/ml