

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050622AL\
 Data File : FC059595.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2022 15:22
 Operator : UA/NP
 Sample : N2692-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 09 00:11:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Thu May 05 15:50:37 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)	10.716	16812410	114.490 ug/ml
Spiked Amount 50.000		Recovery =	228.98%
12) S 1-chlorooctadecane (S...	12.083	11177385	97.127 ug/ml
Spiked Amount 50.000		Recovery =	194.25%
Target Compounds			
6) T n-Tetradecane (C14)	7.435	597553	4.441 ug/ml
7) T n-Hexadecane (C16)	8.986	4326781	31.533 ug/ml
8) T n-Octadecane (C18)	10.396	5954325	43.208 ug/ml
10) T n-Eicosane (C20)	11.644	8841564	65.738 ug/ml
11) T n-Heneicosane (C21)	12.296	6734841	50.485 ug/ml
13) T n-Docosane (C22)	12.860	4899348	37.331 ug/ml
14) T n-Tetracosane (C24)	13.893	1832863	14.567 ug/ml
16) T n-Octacosane (C28)	15.812	145561	1.279 ug/ml
17) T n-Tricontane (C30)	16.681	190005	1.729 ug/ml
18) T n-Dotriacontane (C32)	17.512	303141	2.932 ug/ml

(f)=RT Delta > 1/2 Window

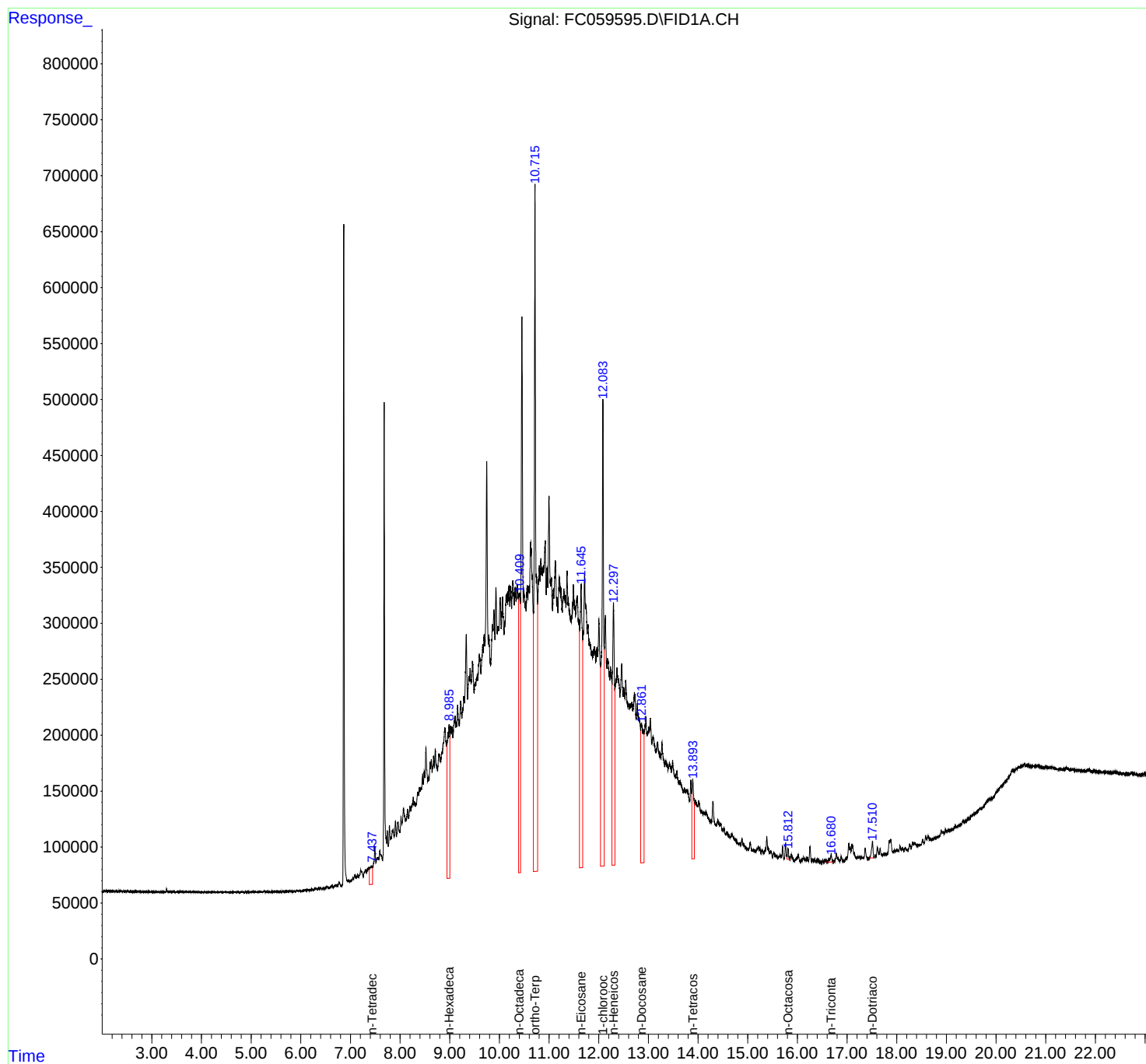
(m)=manual int.

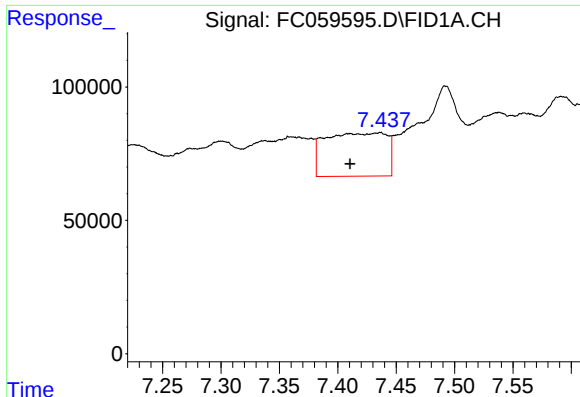
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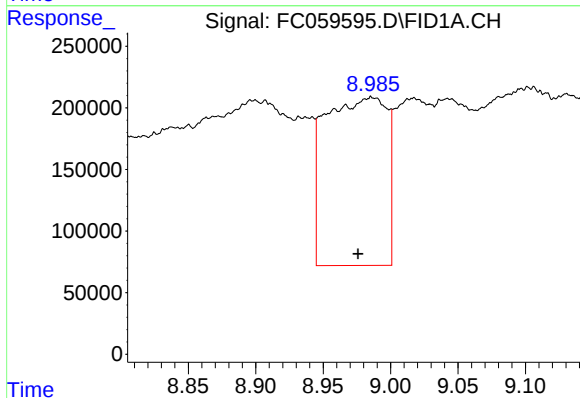




#6 n-Tetradecane (C14)

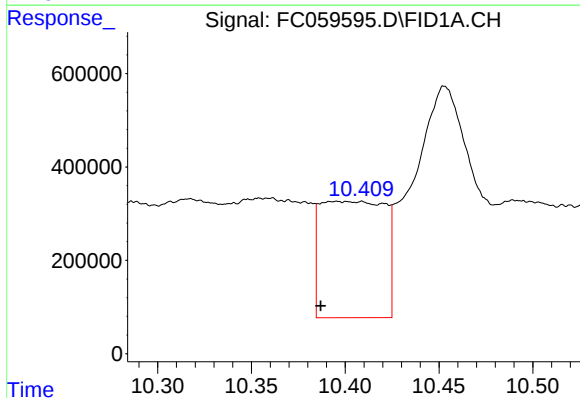
R.T.: 7.435 min
Delta R.T.: 0.024 min
Response: 597553
Conc: 4.44 ug/ml

Instrument :
FID_C
ClientSampleId :



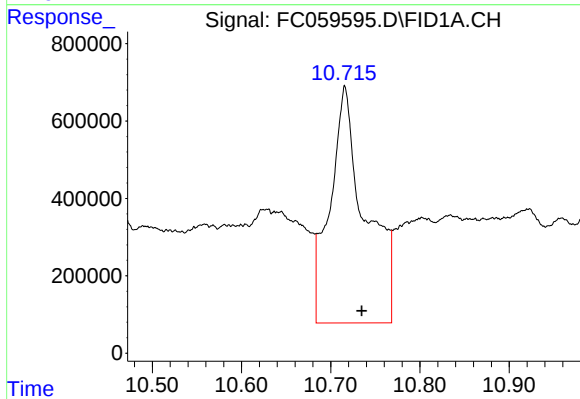
#7 n-Hexadecane (C16)

R.T.: 8.986 min
Delta R.T.: 0.010 min
Response: 4326781
Conc: 31.53 ug/ml



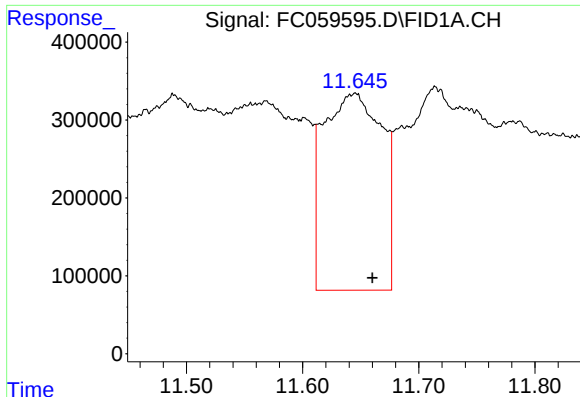
#8 n-Octadecane (C18)

R.T.: 10.396 min
Delta R.T.: 0.009 min
Response: 5954325
Conc: 43.21 ug/ml



#9 ortho-Terphenyl (SURR)

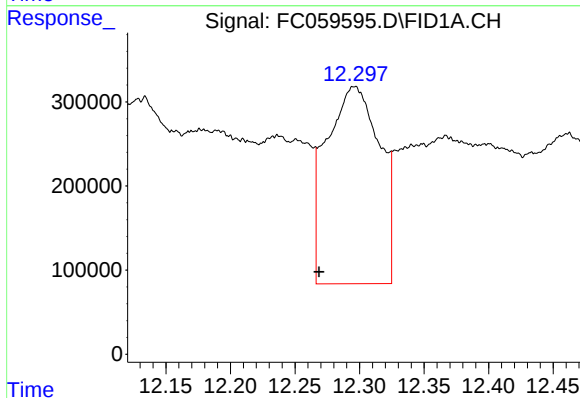
R.T.: 10.716 min
Delta R.T.: -0.019 min
Response: 16812410
Conc: 114.49 ug/ml



#10 n-Eicosane (C20)

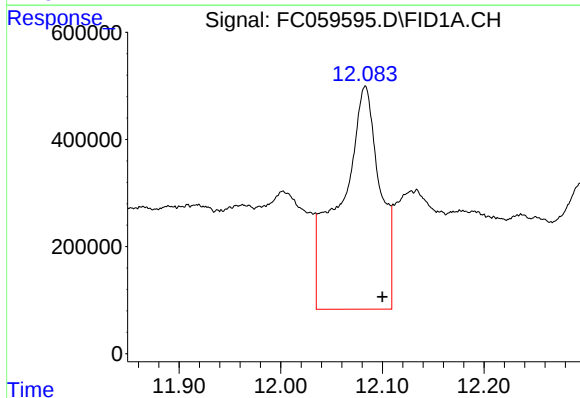
R.T.: 11.644 min
Delta R.T.: -0.016 min
Response: 8841564
Conc: 65.74 ug/ml

Instrument :
FID_C
ClientSampleId :



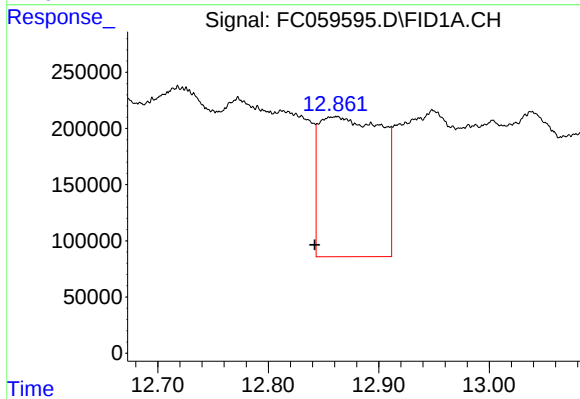
#11 n-Heneicosane (C21)

R.T.: 12.296 min
Delta R.T.: 0.028 min
Response: 6734841
Conc: 50.48 ug/ml



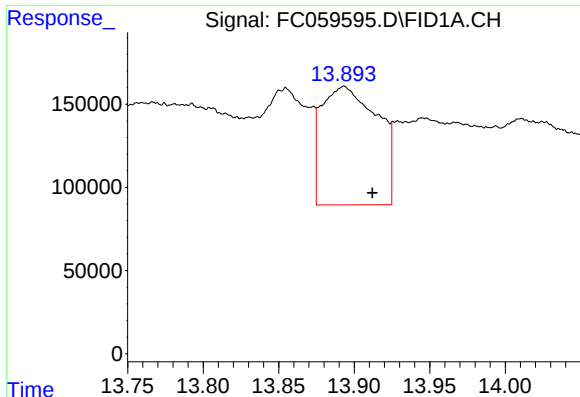
#12 1-chlorooctadecane (SURR)

R.T.: 12.083 min
Delta R.T.: -0.017 min
Response: 11177385
Conc: 97.13 ug/ml



#13 n-Docosane (C22)

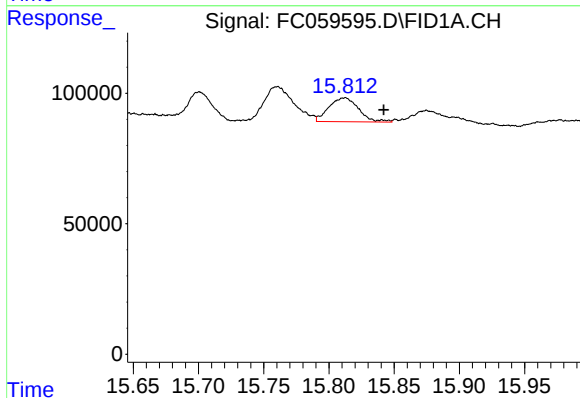
R.T.: 12.860 min
Delta R.T.: 0.018 min
Response: 4899348
Conc: 37.33 ug/ml



#14 n-Tetracosane (C24)

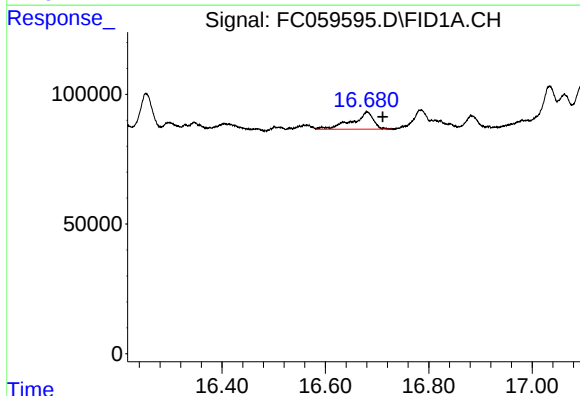
R.T.: 13.893 min
Delta R.T.: -0.019 min
Response: 1832863
Conc: 14.57 ug/ml

Instrument :
FID_C
ClientSampleId :



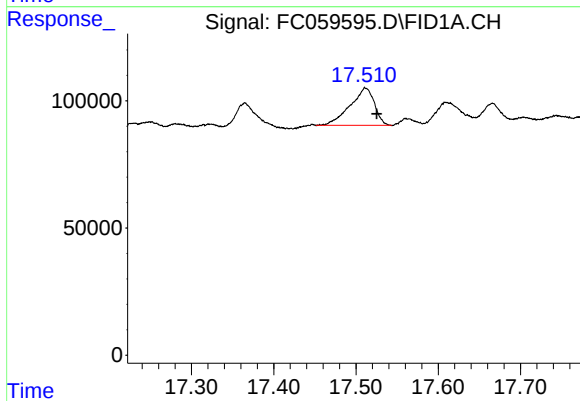
#16 n-Octacosane (C28)

R.T.: 15.812 min
Delta R.T.: -0.030 min
Response: 145561
Conc: 1.28 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.681 min
Delta R.T.: -0.030 min
Response: 190005
Conc: 1.73 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.512 min
Delta R.T.: -0.013 min
Response: 303141
Conc: 2.93 ug/ml