

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050622AL\
 Data File : FC059594.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2022 14:43
 Operator : UA/NP
 Sample : N2692-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 09 00:11:06 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)	10.718	13981986	95.215 ug/ml
Spiked Amount 50.000		Recovery =	190.43%
12) S 1-chlorooctadecane (S...	12.083	7797085	67.753 ug/ml
Spiked Amount 50.000		Recovery =	135.51%
Target Compounds			
6) T n-Tetradecane (C14)	7.409	177563	1.320 ug/ml
7) T n-Hexadecane (C16)	8.985	2449681	17.853 ug/ml
8) T n-Octadecane (C18)	10.402	3454425	25.067 ug/ml
10) T n-Eicosane (C20)	11.643	5687381	42.286 ug/ml
11) T n-Heneicosane (C21)	12.295	4487608	33.639 ug/ml
13) T n-Docosane (C22)	12.774f	2449726	18.666 ug/ml
14) T n-Tetracosane (C24)	13.891	382102	3.037 ug/ml
16) T n-Octacosane (C28)	15.812	123676	1.086 ug/ml
18) T n-Dotriacontane (C32)	17.499	188387	1.822 ug/ml
22) T n-Tetracontane (C40)	20.319	70969	0.750 ug/ml

(f)=RT Delta > 1/2 Window

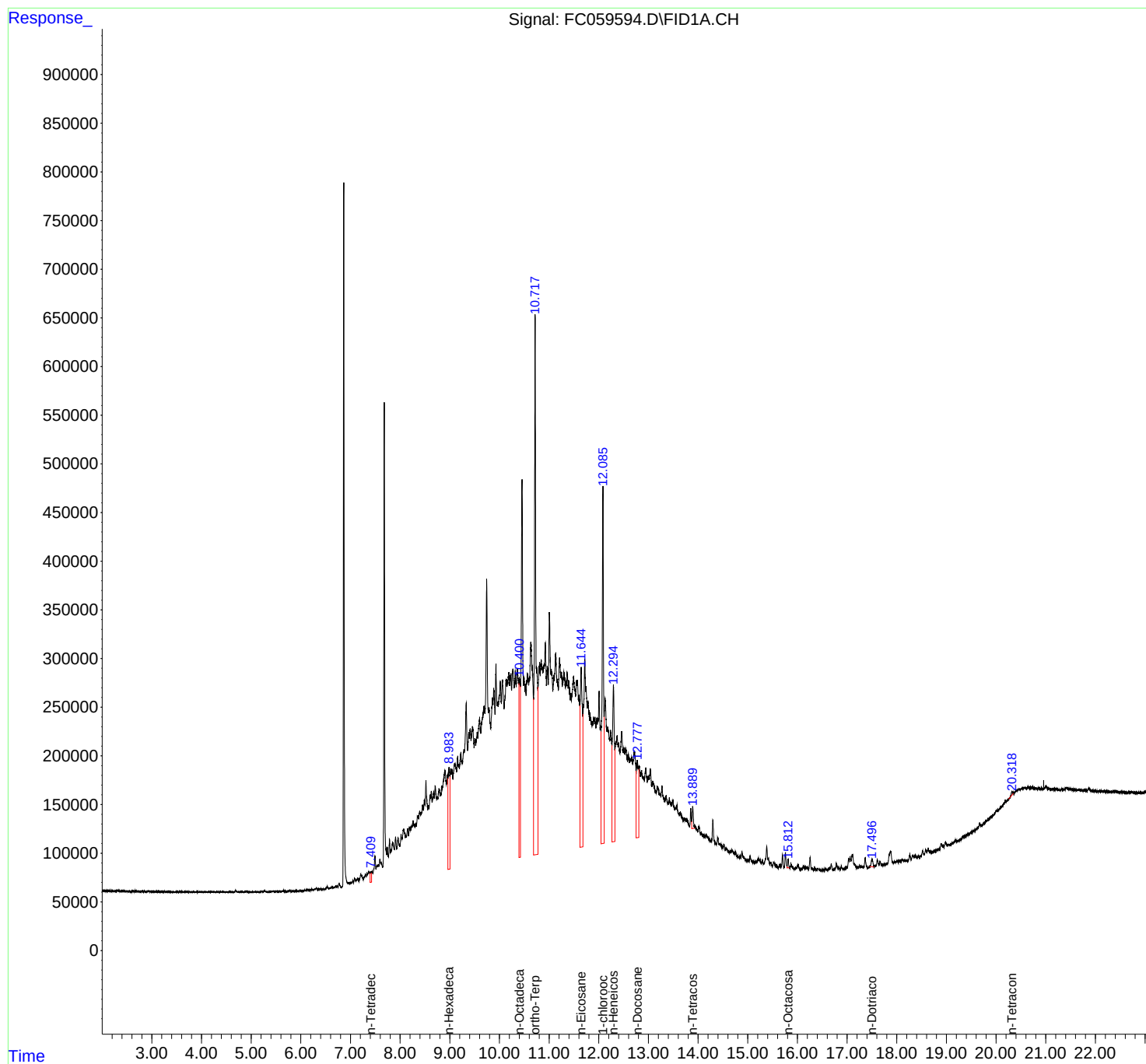
(m)=manual int.

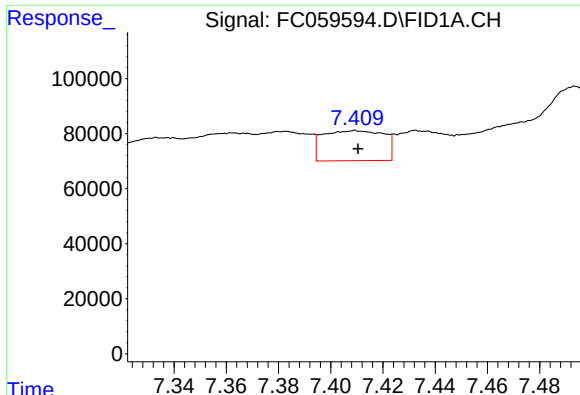
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Signal Info : 20M x 0.18mm x 0.18um

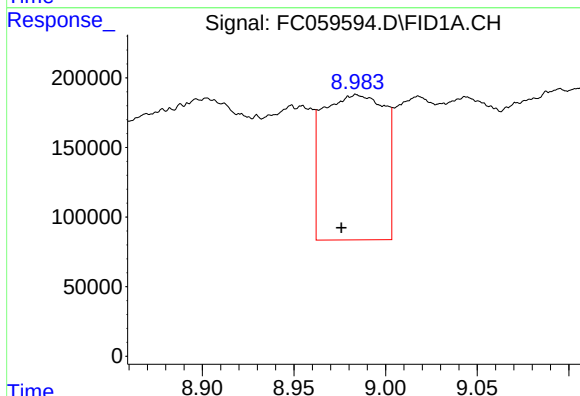




#6 n-Tetradecane (C14)

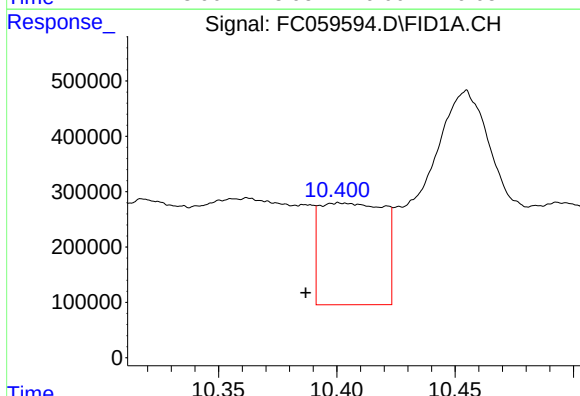
R.T.: 7.409 min
Delta R.T.: -0.001 min
Response: 177563
Conc: 1.32 ug/ml

Instrument :
FID_C
ClientSampleId :



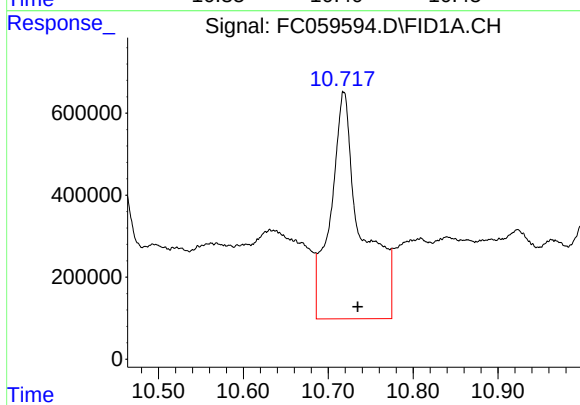
#7 n-Hexadecane (C16)

R.T.: 8.985 min
Delta R.T.: 0.009 min
Response: 2449681
Conc: 17.85 ug/ml



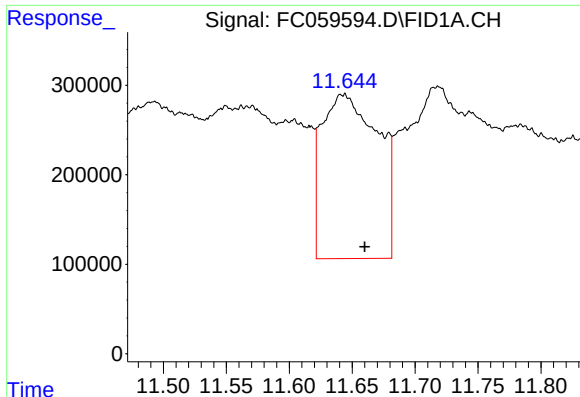
#8 n-Octadecane (C18)

R.T.: 10.402 min
Delta R.T.: 0.015 min
Response: 3454425
Conc: 25.07 ug/ml



#9 ortho-Terphenyl (SURR)

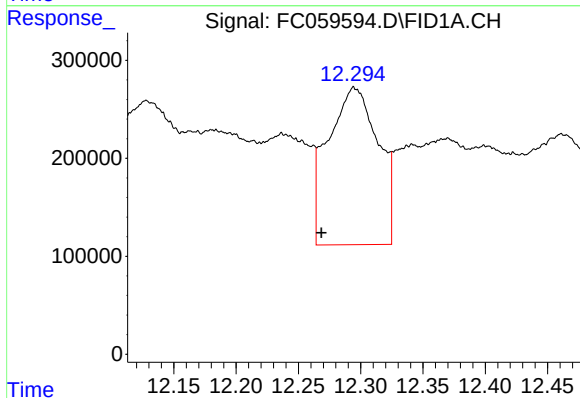
R.T.: 10.718 min
Delta R.T.: -0.017 min
Response: 13981986
Conc: 95.22 ug/ml



#10 n-Eicosane (C20)

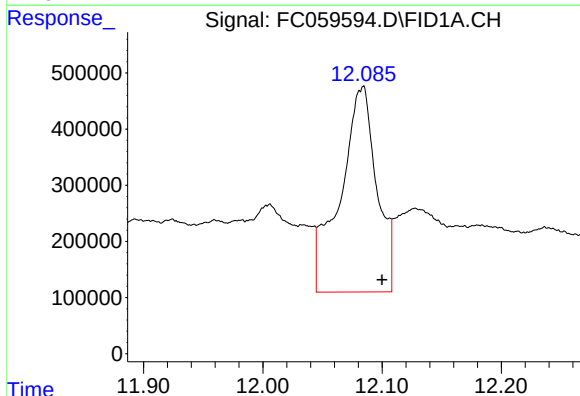
R.T.: 11.643 min
Delta R.T.: -0.017 min
Response: 5687381
Conc: 42.29 ug/ml

Instrument :
FID_C
ClientSampleId :



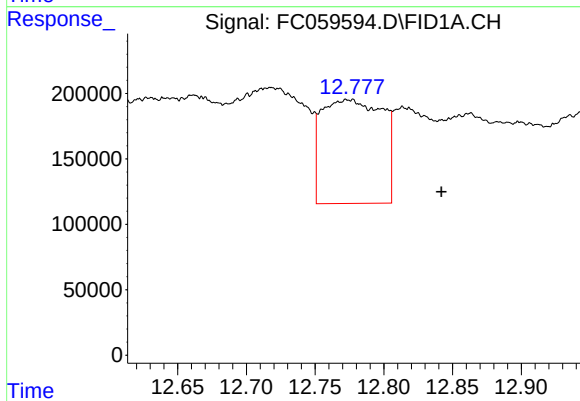
#11 n-Heneicosane (C21)

R.T.: 12.295 min
Delta R.T.: 0.027 min
Response: 4487608
Conc: 33.64 ug/ml



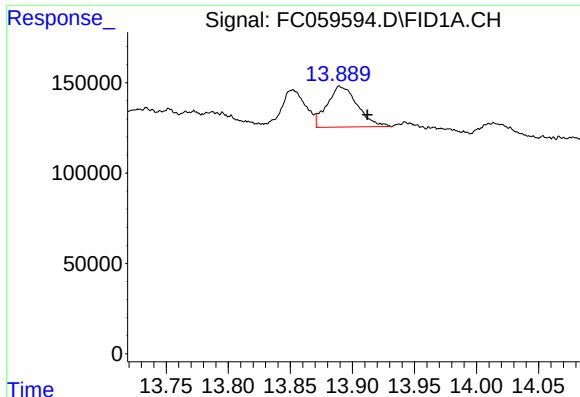
#12 1-chlorooctadecane (SURR)

R.T.: 12.083 min
Delta R.T.: -0.017 min
Response: 7797085
Conc: 67.75 ug/ml



#13 n-Docosane (C22)

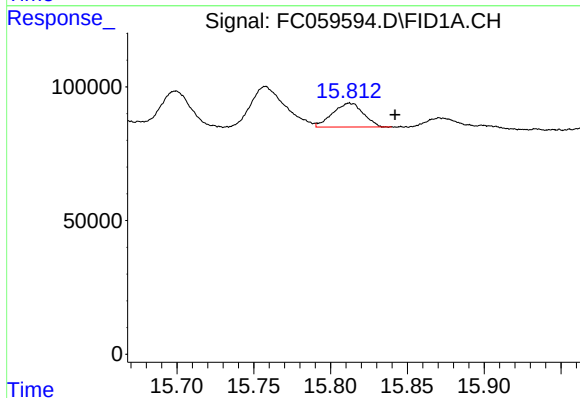
R.T.: 12.774 min
Delta R.T.: -0.068 min
Response: 2449726
Conc: 18.67 ug/ml



#14 n-Tetracosane (C24)

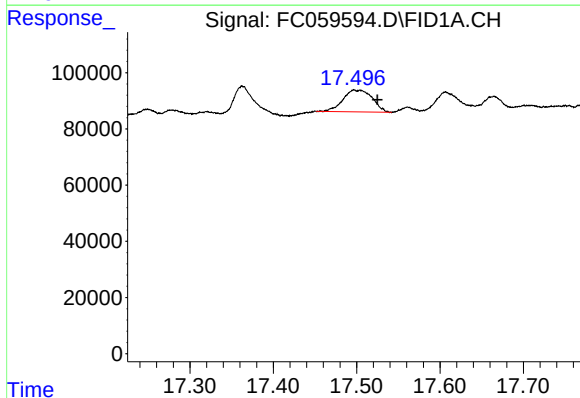
R.T.: 13.891 min
Delta R.T.: -0.021 min
Response: 382102
Conc: 3.04 ug/ml

Instrument :
FID_C
ClientSampleId :



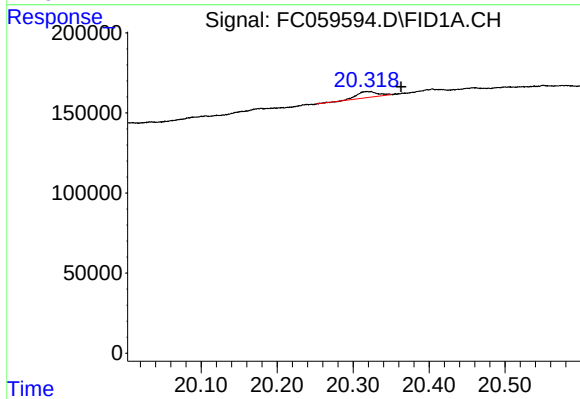
#16 n-Octacosane (C28)

R.T.: 15.812 min
Delta R.T.: -0.030 min
Response: 123676
Conc: 1.09 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.499 min
Delta R.T.: -0.026 min
Response: 188387
Conc: 1.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.319 min
Delta R.T.: -0.044 min
Response: 70969
Conc: 0.75 ug/ml