

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101221AL\
 Data File : FD039100.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2021 14:38
 Operator : AJ\MA
 Sample : M4142-02DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 13 03:17:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.689	4015348	28.291 ug/ml
Spiked Amount 50.000		Recovery =	56.58%
12) S 1-chlorooctadecane (S...	13.116	1411939	12.556 ug/ml
Spiked Amount 50.000		Recovery =	25.11%
Target Compounds			
6) T n-Tetradecane (C14)	8.308	293658	2.263 ug/ml
7) T n-Hexadecane (C16)	9.930	1071034	8.212 ug/ml
8) T n-Octadecane (C18)	11.359	2639475	19.735 ug/ml
10) T n-Eicosane (C20)	12.674	3352639	25.279 ug/ml
11) T n-Heneicosane (C21)	13.297	190902	1.426 ug/ml
14) T n-Tetracosane (C24)	14.947	381526	2.879 ug/ml

(f)=RT Delta > 1/2 Window

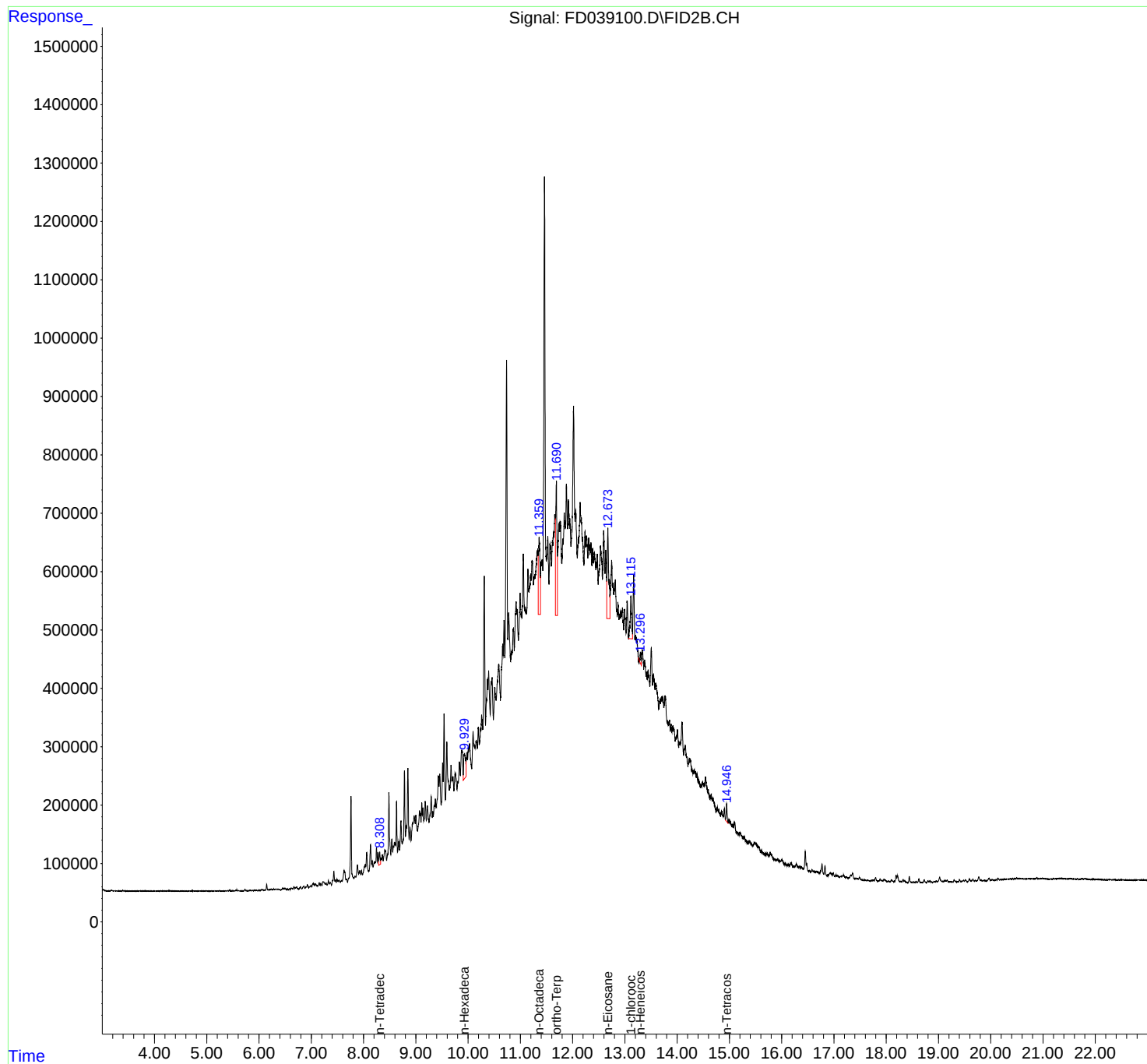
(m)=manual int.

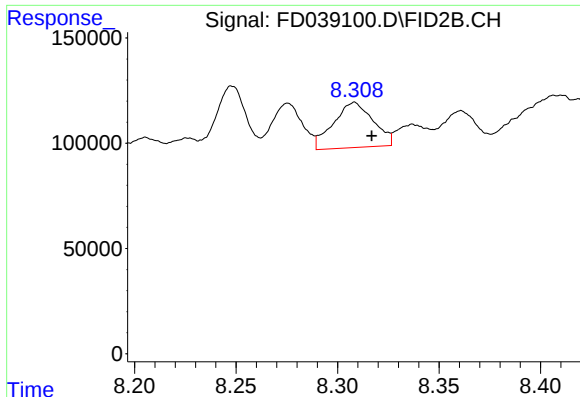
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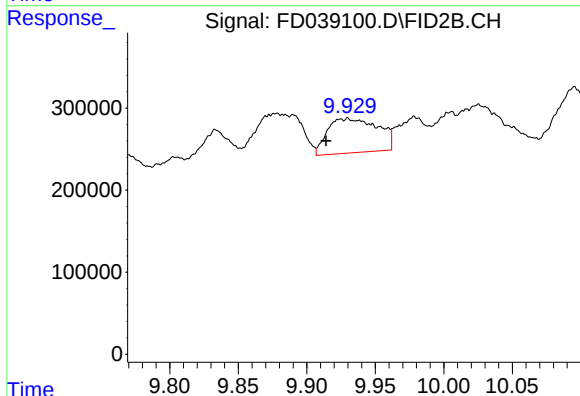




#6 n-Tetradecane (C14)

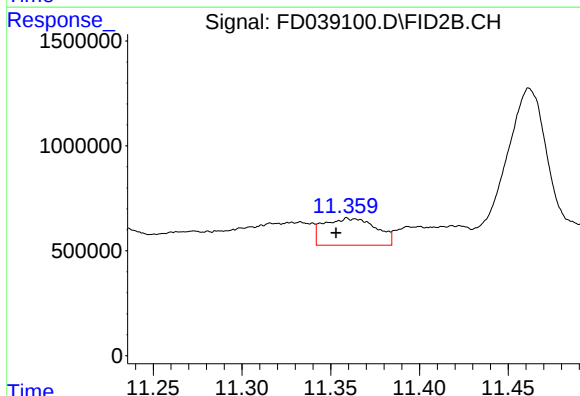
R.T.: 8.308 min
Delta R.T.: -0.008 min
Response: 293658
Conc: 2.26 ug/ml

Instrument :
FID_D
ClientSampleId :



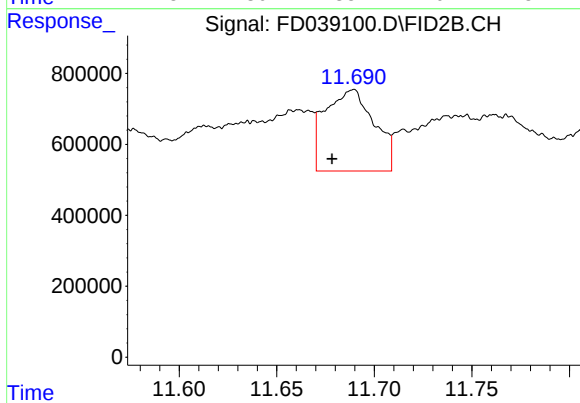
#7 n-Hexadecane (C16)

R.T.: 9.930 min
Delta R.T.: 0.016 min
Response: 1071034
Conc: 8.21 ug/ml



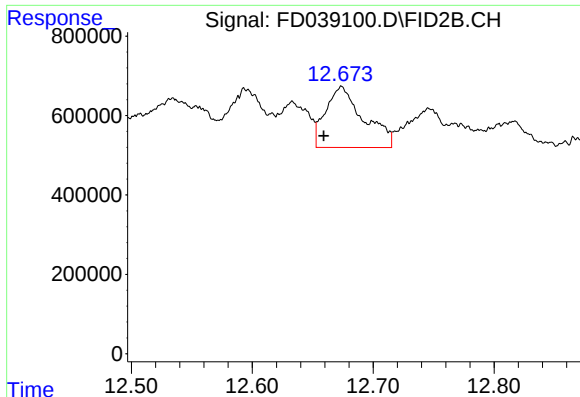
#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: 0.006 min
Response: 2639475
Conc: 19.74 ug/ml



#9 ortho-Terphenyl (SURR)

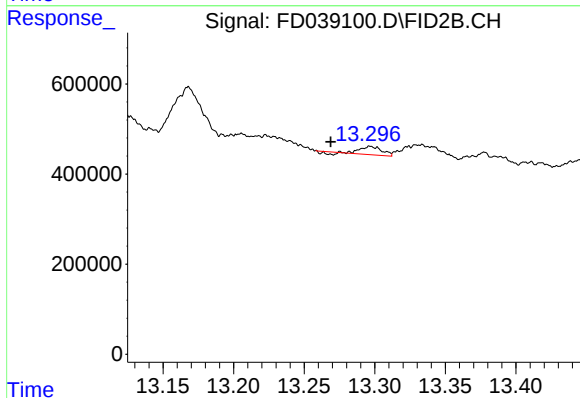
R.T.: 11.689 min
Delta R.T.: 0.011 min
Response: 4015348
Conc: 28.29 ug/ml



#10 n-Eicosane (C20)

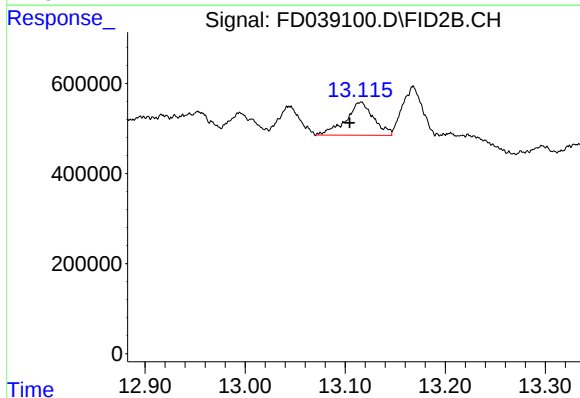
R.T.: 12.674 min
Delta R.T.: 0.015 min
Response: 3352639
Conc: 25.28 ug/ml

Instrument :
FID_D
ClientSampleId :



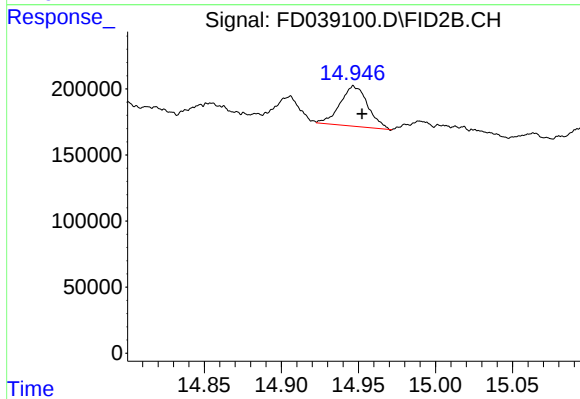
#11 n-Heneicosane (C21)

R.T.: 13.297 min
Delta R.T.: 0.028 min
Response: 190902
Conc: 1.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: 0.011 min
Response: 1411939
Conc: 12.56 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: -0.006 min
Response: 381526
Conc: 2.88 ug/ml