

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101221AL\
 Data File : FD039098.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2021 12:39
 Operator : AJ\MA
 Sample : M4142-01DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 13 03:16:37 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)	11.688	13668532	96.305 ug/ml
Spiked Amount 50.000		Recovery =	192.61%
12) S 1-chlorooctadecane (S...	13.113	4079311	36.278 ug/ml
Spiked Amount 50.000		Recovery =	72.56%
Target Compounds			
6) T n-Tetradecane (C14)	8.311	135680	1.046 ug/ml
7) T n-Hexadecane (C16)	9.925	2182555	16.734 ug/ml
8) T n-Octadecane (C18)	11.363	6914584	51.700 ug/ml
10) T n-Eicosane (C20)	12.671	7520538	56.706 ug/ml
11) T n-Heneicosane (C21)	13.297	533595	3.985 ug/ml
14) T n-Tetracosane (C24)	14.945	583911	4.407 ug/ml

(f)=RT Delta > 1/2 Window

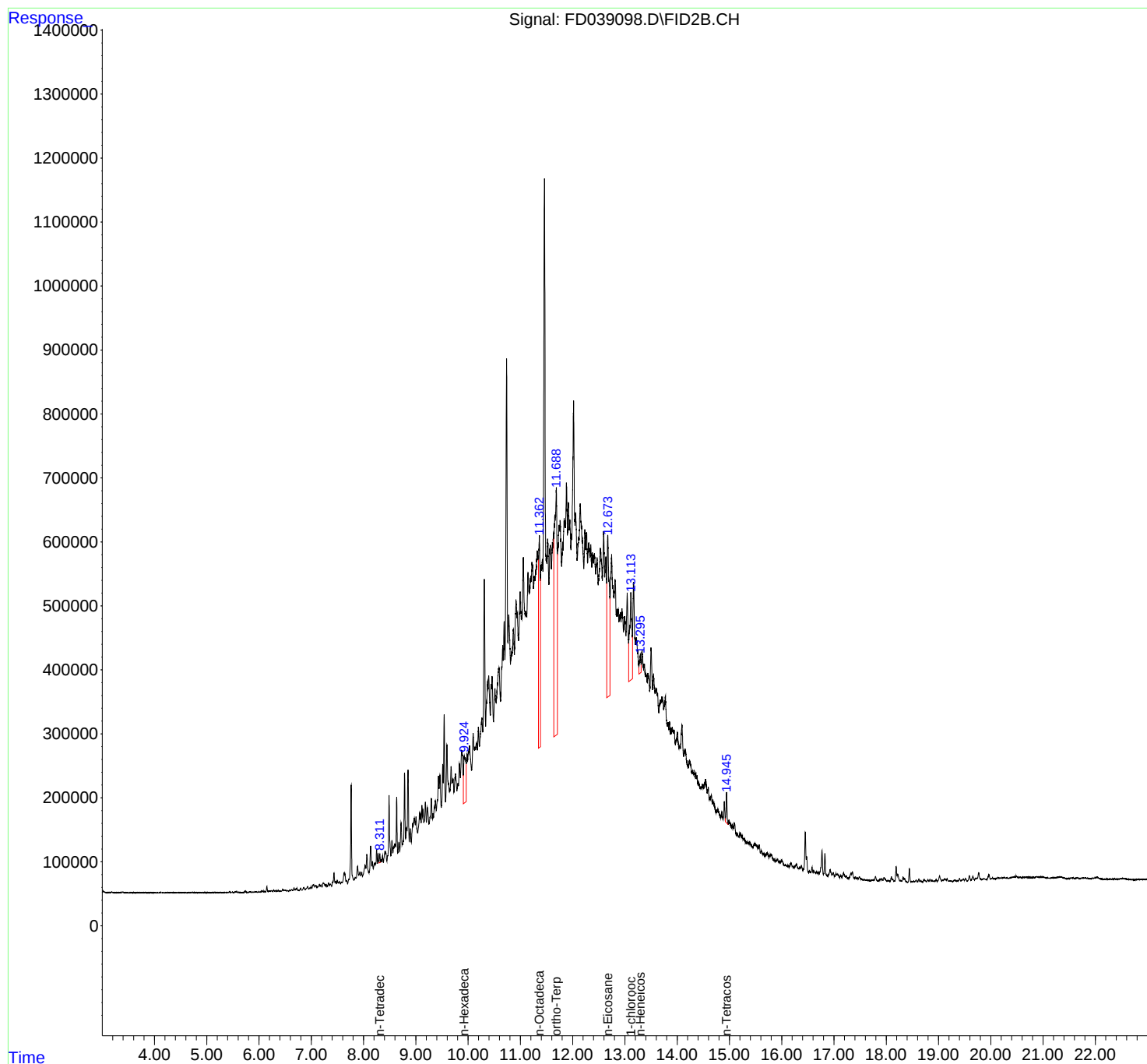
(m)=manual int.

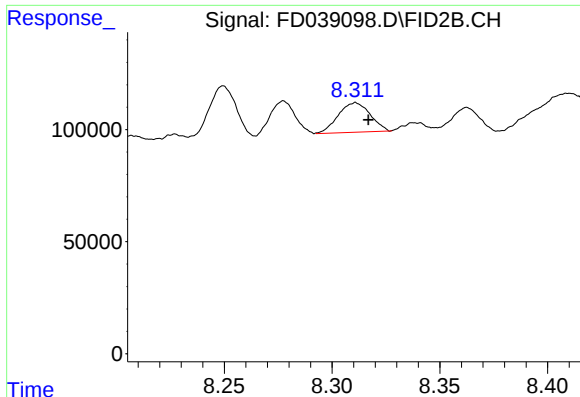
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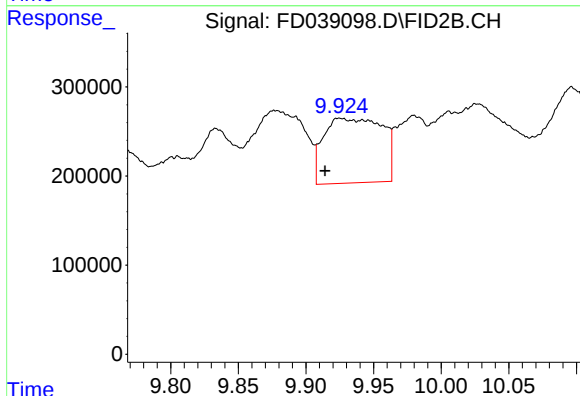




#6 n-Tetradecane (C14)

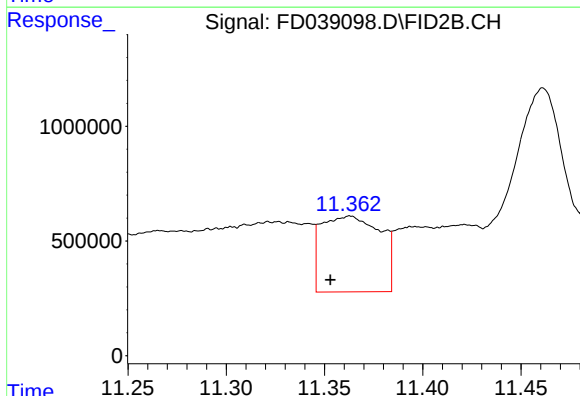
R.T.: 8.311 min
Delta R.T.: -0.006 min
Response: 135680
Conc: 1.05 ug/ml

Instrument :
FID_D
ClientSampleId :



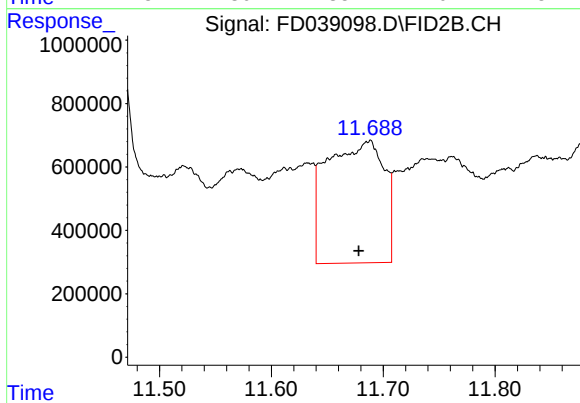
#7 n-Hexadecane (C16)

R.T.: 9.925 min
Delta R.T.: 0.010 min
Response: 218255
Conc: 16.73 ug/ml



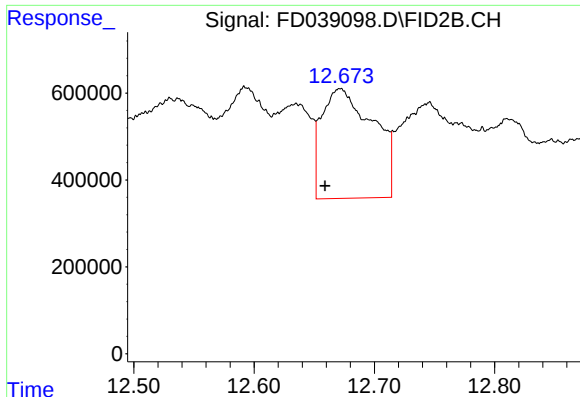
#8 n-Octadecane (C18)

R.T.: 11.363 min
Delta R.T.: 0.010 min
Response: 6914584
Conc: 51.70 ug/ml



#9 ortho-Terphenyl (SURR)

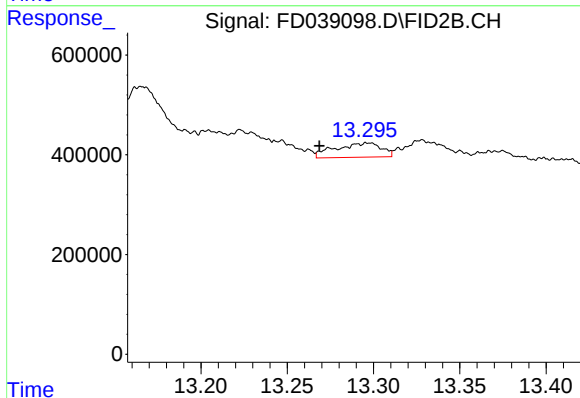
R.T.: 11.688 min
Delta R.T.: 0.010 min
Response: 13668532
Conc: 96.30 ug/ml



#10 n-Eicosane (C20)

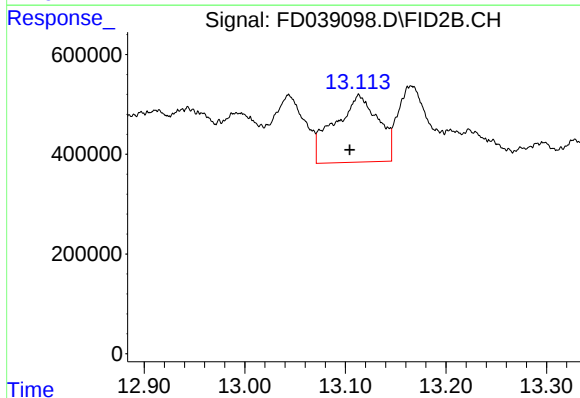
R.T.: 12.671 min
Delta R.T.: 0.012 min
Response: 7520538
Conc: 56.71 ug/ml

Instrument :
FID_D
ClientSampleId :



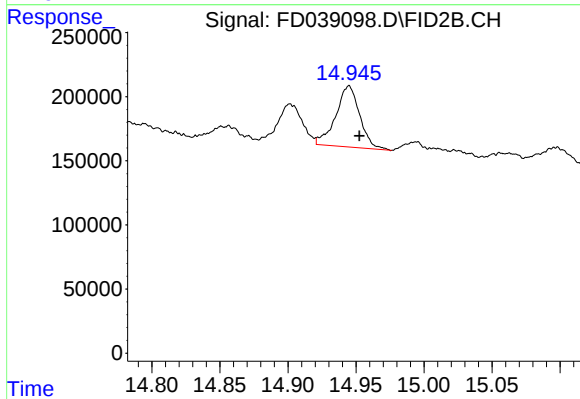
#11 n-Heneicosane (C21)

R.T.: 13.297 min
Delta R.T.: 0.029 min
Response: 533595
Conc: 3.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: 0.009 min
Response: 4079311
Conc: 36.28 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.945 min
Delta R.T.: -0.008 min
Response: 583911
Conc: 4.41 ug/ml