

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050421AL\
 Data File : FD037338.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2021 7:43
 Operator : DD\AJ
 Sample : M2254-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 08:04:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.460	6159707	52.753 ug/ml
Spiked Amount 50.000		Recovery =	105.51%
12) S 1-chlorooctadecane (S...	12.928	10618918	125.517 ug/ml
Spiked Amount 50.000		Recovery =	251.03%
Target Compounds			
6) T n-Tetradecane (C14)	8.126	48199	0.416 ug/ml
7) T n-Hexadecane (C16)	9.742	3188848	29.005 ug/ml
8) T n-Octadecane (C18)	11.151	10557442	96.287 ug/ml
10) T n-Eicosane (C20)	12.485	5683013	53.575 ug/ml
11) T n-Heneicosane (C21)	13.095	2291617	21.813 ug/ml
13) T n-Docosane (C22)	13.674	1015787	9.881 ug/ml
14) T n-Tetracosane (C24)	14.743	437621	4.320 ug/ml
16) T n-Octacosane (C28)	16.726	326647	3.398 ug/ml
18) T n-Dotriacontane (C32)	18.373f	94107	0.957 ug/ml

(f)=RT Delta > 1/2 Window

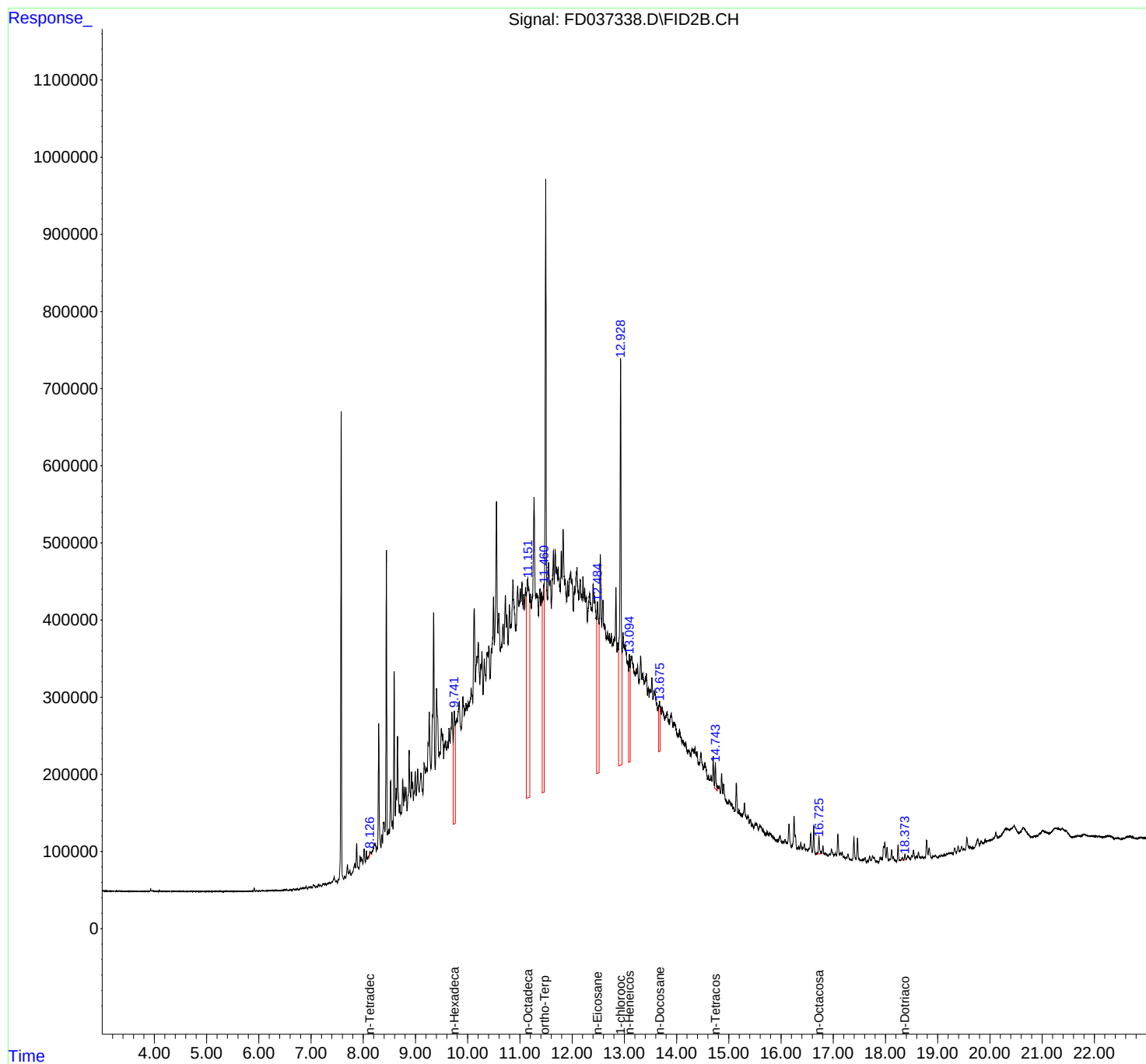
(m)=manual int.

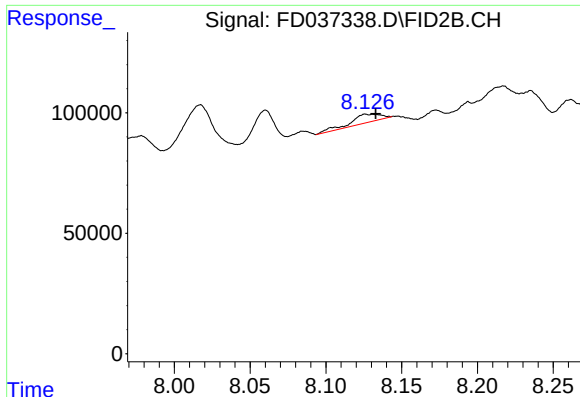
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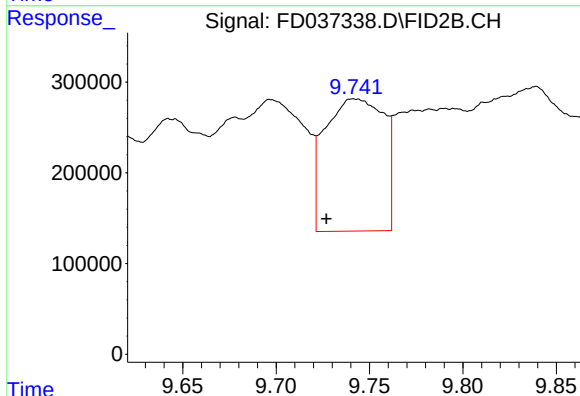




#6 n-Tetradecane (C14)

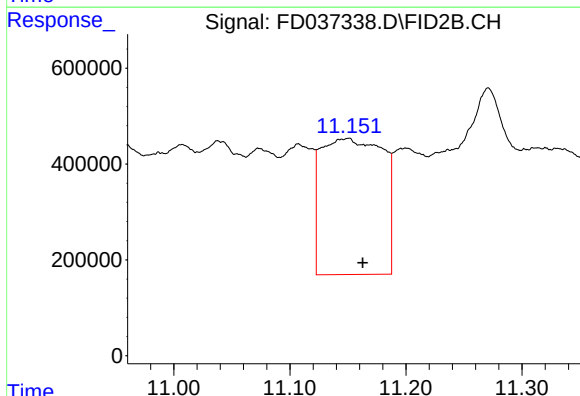
R.T.: 8.126 min
Delta R.T.: -0.007 min
Response: 48199
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



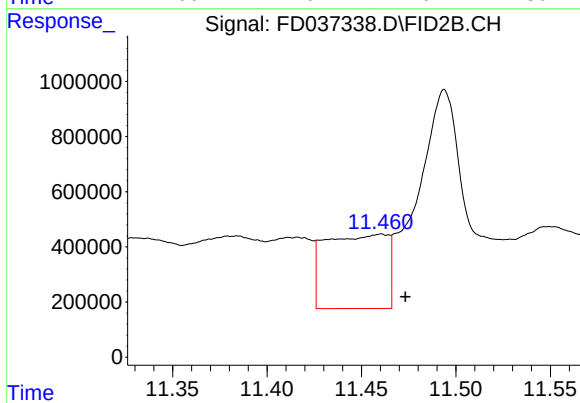
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: 0.015 min
Response: 3188848
Conc: 29.01 ug/ml



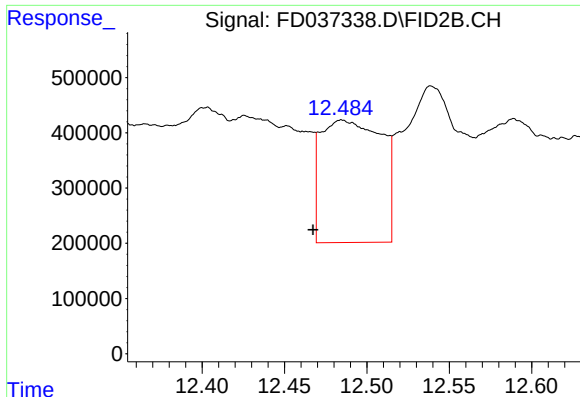
#8 n-Octadecane (C18)

R.T.: 11.151 min
Delta R.T.: -0.012 min
Response: 10557442
Conc: 96.29 ug/ml



#9 ortho-Terphenyl (SURR)

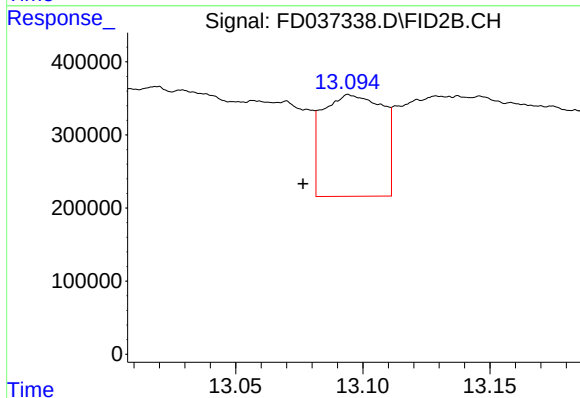
R.T.: 11.460 min
Delta R.T.: -0.013 min
Response: 6159707
Conc: 52.75 ug/ml



#10 n-Eicosane (C20)

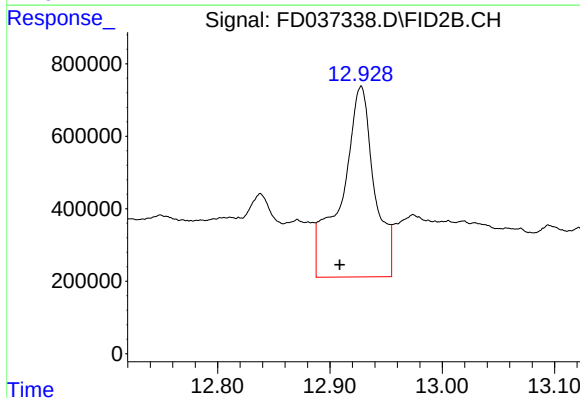
R.T.: 12.485 min
Delta R.T.: 0.017 min
Response: 5683013
Conc: 53.58 ug/ml

Instrument :
FID_D
ClientSampleId :



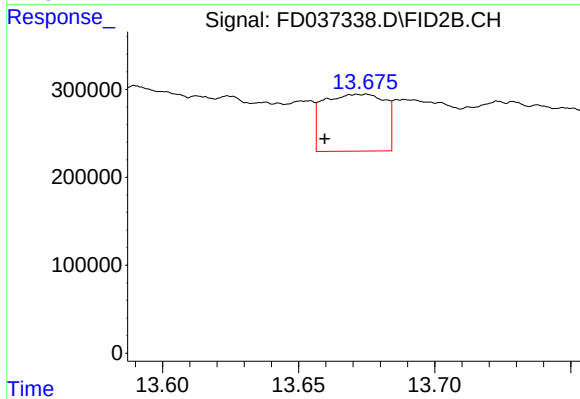
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: 0.018 min
Response: 2291617
Conc: 21.81 ug/ml



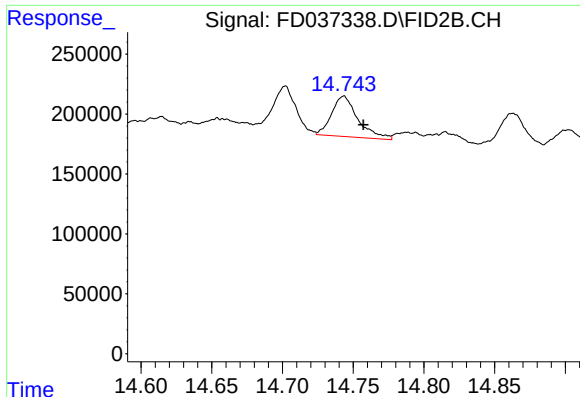
#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: 0.019 min
Response: 10618918
Conc: 125.52 ug/ml



#13 n-Docosane (C22)

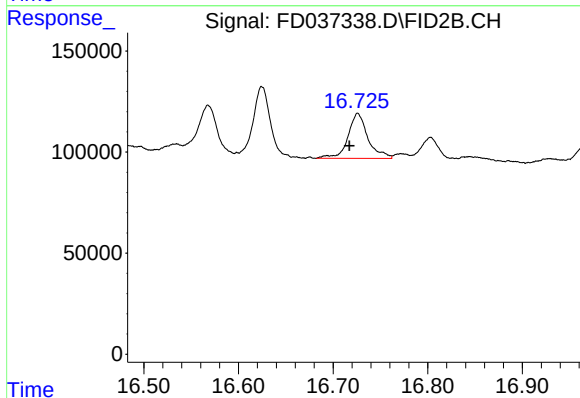
R.T.: 13.674 min
Delta R.T.: 0.015 min
Response: 1015787
Conc: 9.88 ug/ml



#14 n-Tetracosane (C24)

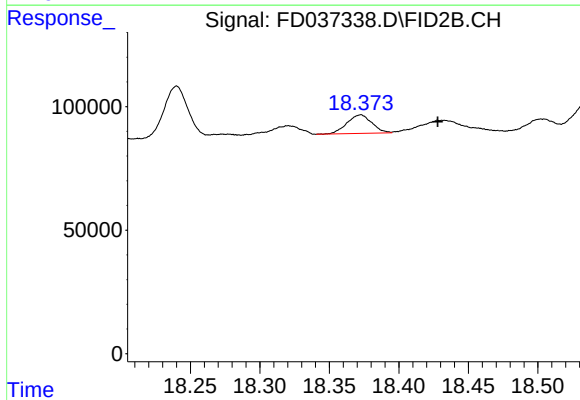
R.T.: 14.743 min
Delta R.T.: -0.014 min
Response: 437621
Conc: 4.32 ug/ml

Instrument :
FID_D
ClientSampleId :



#16 n-Octacosane (C28)

R.T.: 16.726 min
Delta R.T.: 0.009 min
Response: 326647
Conc: 3.40 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.373 min
Delta R.T.: -0.056 min
Response: 94107
Conc: 0.96 ug/ml