

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092121AL\
 Data File : FD038844.D
 Signal(s) : FID2B.CH
 Acq On : 21 Sep 2021 14:05
 Operator : AJ\MA
 Sample : M3792-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 14:29:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 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)	11.697	29691829	202.003 ug/ml
Spiked Amount 50.000		Recovery =	404.01%
12) S 1-chlorooctadecane (S...	13.123	17603447	151.338 ug/ml
Spiked Amount 50.000		Recovery =	302.68%
Target Compounds			
6) T n-Tetradecane (C14)	8.320	398985	2.960 ug/ml
7) T n-Hexadecane (C16)	9.931	5385625	39.389 ug/ml
8) T n-Octadecane (C18)	11.352	2302269	16.474 ug/ml
10) T n-Eicosane (C20)	12.643	9718858	70.487 ug/ml
11) T n-Heneicosane (C21)	13.304	7123112	51.251 ug/ml
13) T n-Docosane (C22)	13.885	3383514	24.836 ug/ml
14) T n-Tetracosane (C24)	14.957	258912	1.938 ug/ml
15) T n-Hexacosane (C26)	16.009	418369	3.299 ug/ml
16) T n-Octacosane (C28)	16.956	292089	2.416 ug/ml

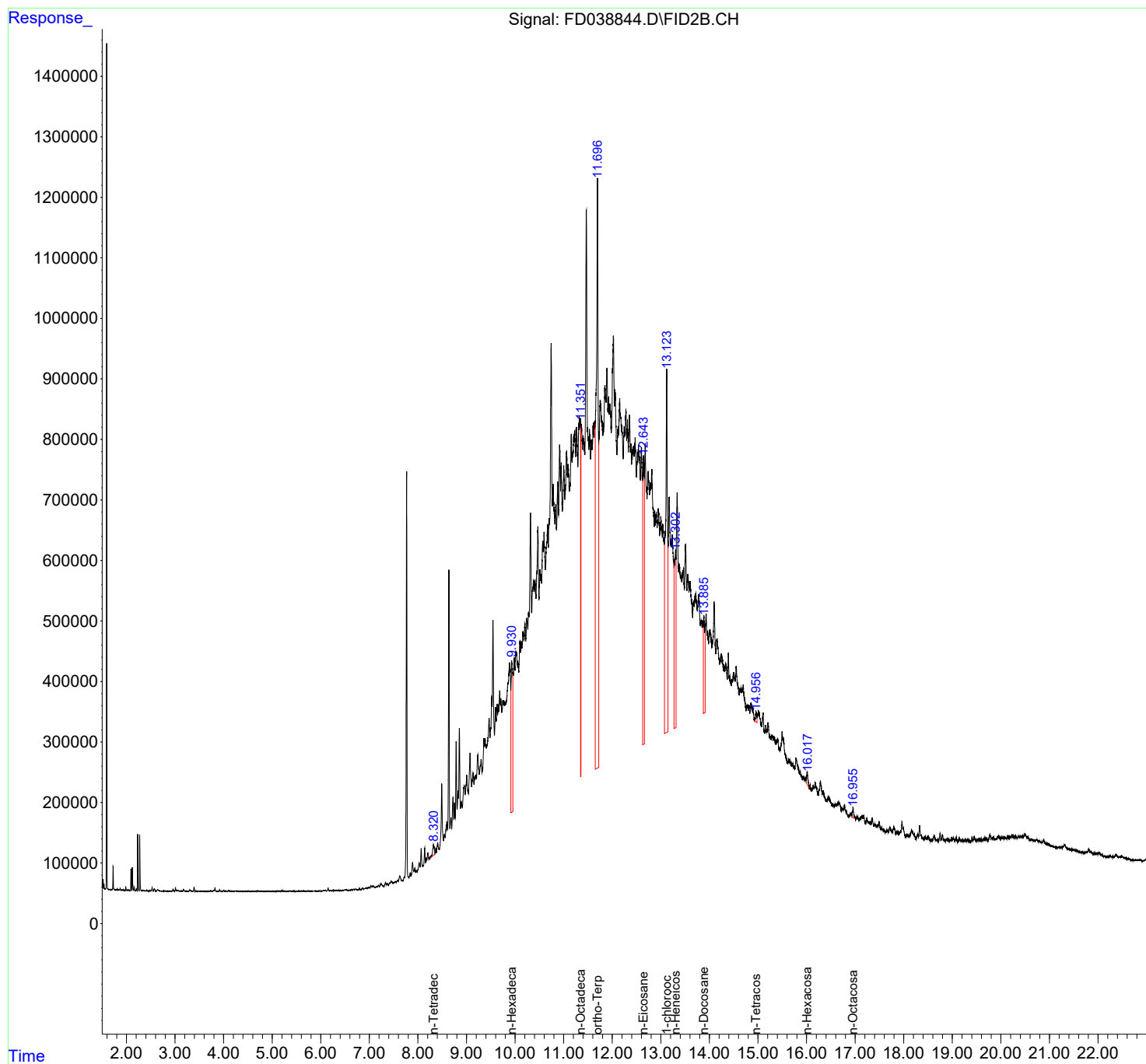
(f)=RT Delta > 1/2 Window

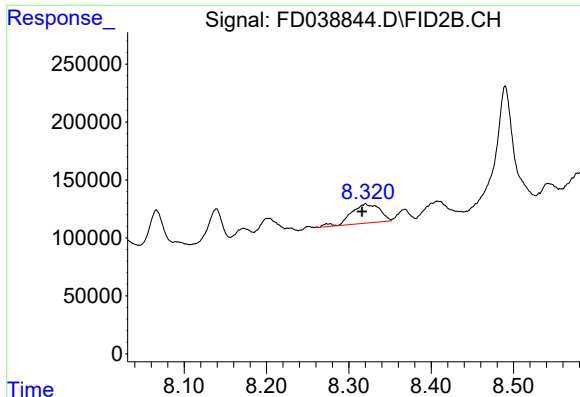
(m)=manual int.

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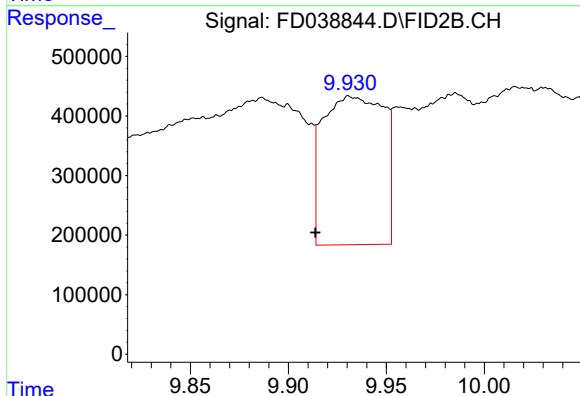
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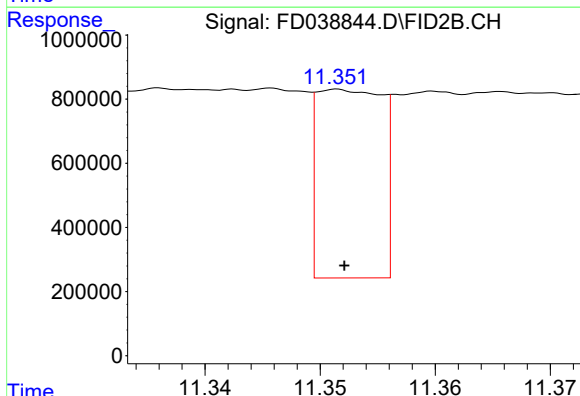
#6 n-Tetradecane (C14)

R.T.: 8.320 min
Delta R.T.: 0.004 min
Response: 398985
Conc: 2.96 ug/ml



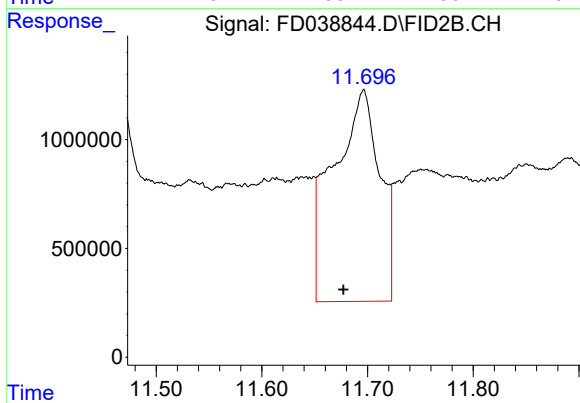
#7 n-Hexadecane (C16)

R.T.: 9.931 min
Delta R.T.: 0.017 min
Response: 5385625
Conc: 39.39 ug/ml



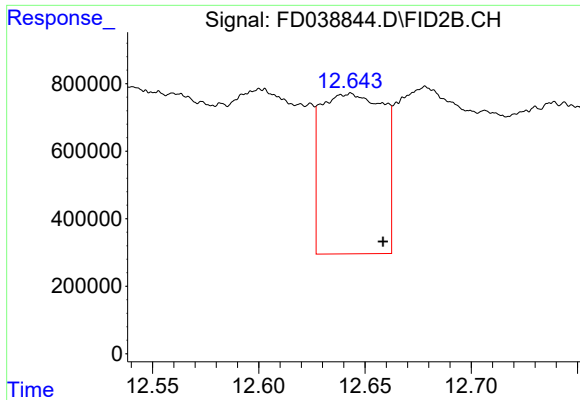
#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: 0.000 min
Response: 2302269
Conc: 16.47 ug/ml



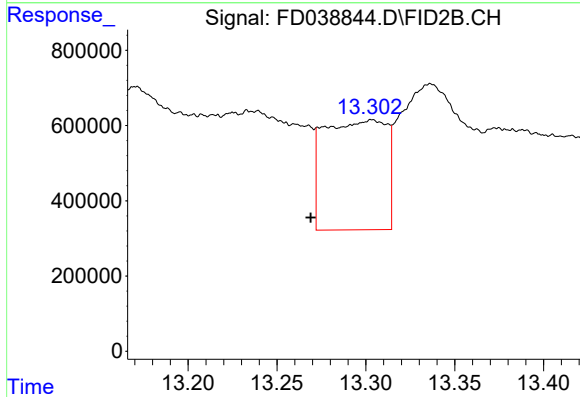
#9 ortho-Terphenyl (SURR)

R.T.: 11.697 min
Delta R.T.: 0.019 min
Response: 29691829
Conc: 202.00 ug/ml



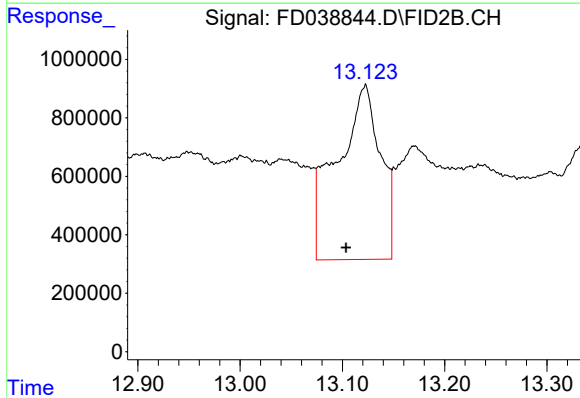
#10 n-Eicosane (C20)

R.T.: 12.643 min
Delta R.T.: -0.015 min
Response: 9718858
Conc: 70.49 ug/ml



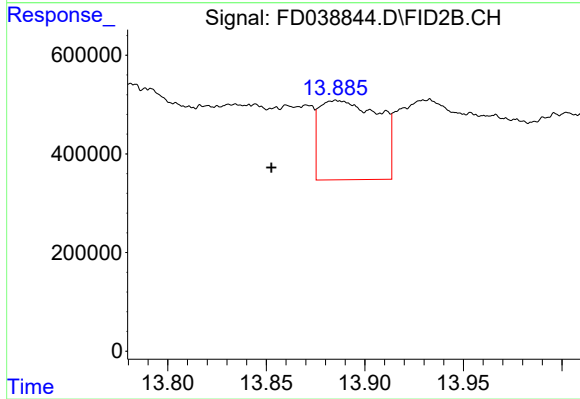
#11 n-Heneicosane (C21)

R.T.: 13.304 min
Delta R.T.: 0.034 min
Response: 7123112
Conc: 51.25 ug/ml



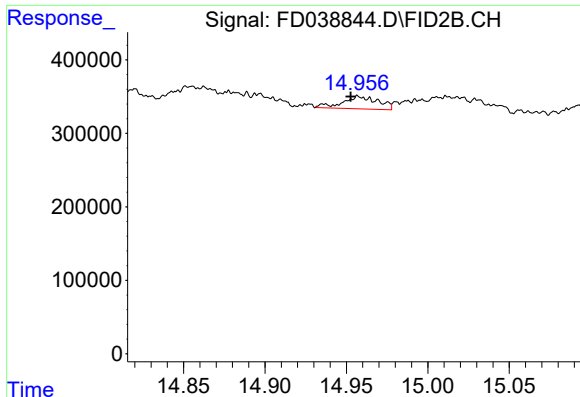
#12 1-chlorooctadecane (SURR)

R.T.: 13.123 min
Delta R.T.: 0.019 min
Response: 17603447
Conc: 151.34 ug/ml



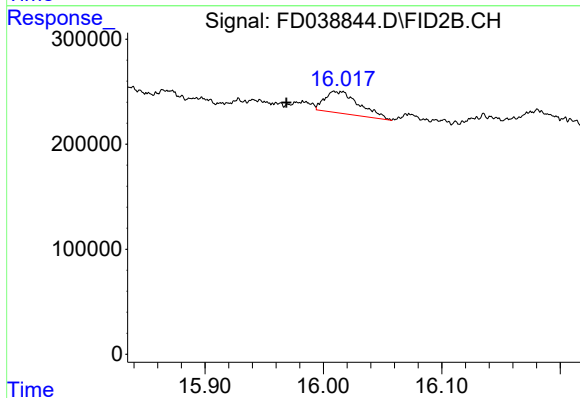
#13 n-Docosane (C22)

R.T.: 13.885 min
Delta R.T.: 0.033 min
Response: 3383514
Conc: 24.84 ug/ml



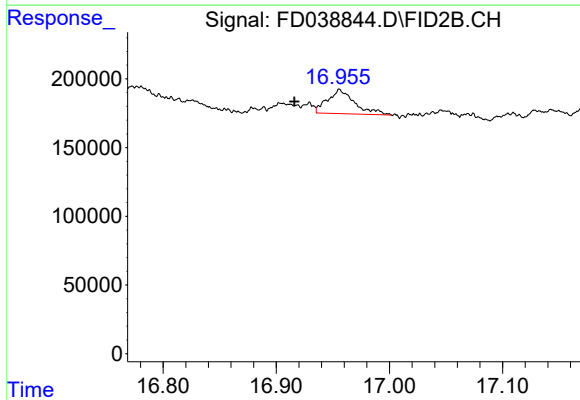
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.005 min
Response: 258912
Conc: 1.94 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.009 min
Delta R.T.: 0.040 min
Response: 418369
Conc: 3.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.956 min
Delta R.T.: 0.040 min
Response: 292089
Conc: 2.42 ug/ml