

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047831.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2024 19:35
 Operator : YP/AJ
 Sample : P2560-08DL 10X
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 04:13:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.455	896066	6.383 ug/ml
Spiked Amount 50.000		Recovery =	12.77%
6) S 2-Fluorobiphenyl (SURR)	8.310	563286	6.082 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	12.16%
11) S ortho-Terphenyl (SURR)	11.351	3986935	24.936 ug/ml
Spiked Amount 50.000		Recovery =	49.87%
Target Compounds			
7) T Acenaphthene (C15.5)	8.371	137284	0.841 ug/ml
8) T Flouorene (C16.55)	9.162	201341	1.280 ug/ml
9) T Phenanthrene (C19.36)	10.578	1707285	11.071 ug/ml
10) T Anthracene (C19.43)	10.692	3367655	22.401 ug/ml

(f)=RT Delta > 1/2 Window

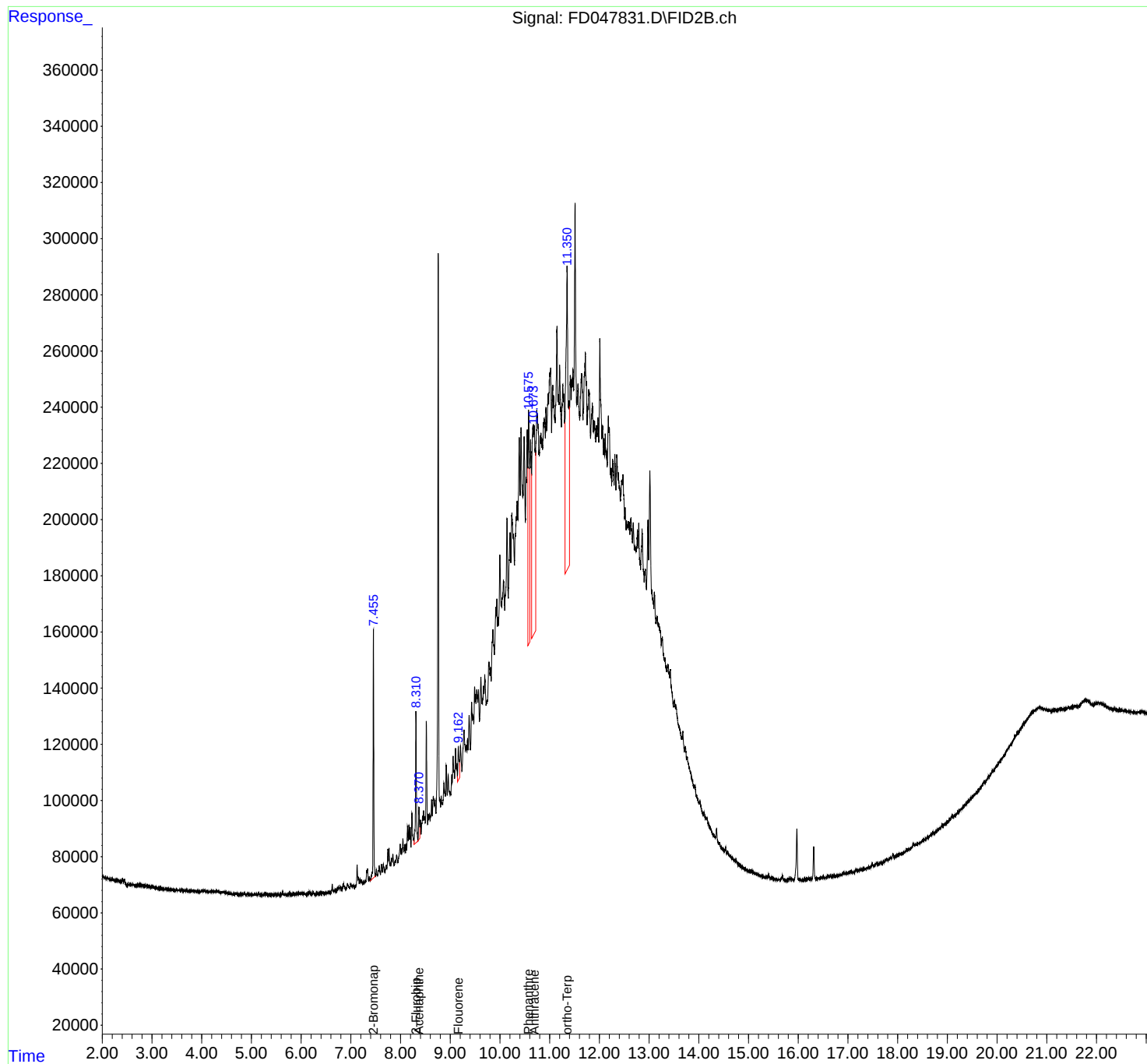
(m)=manual int.

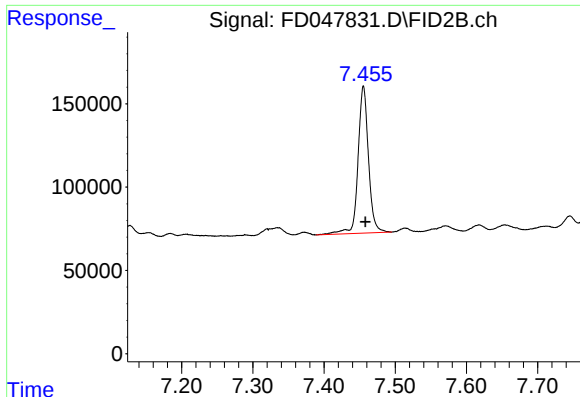
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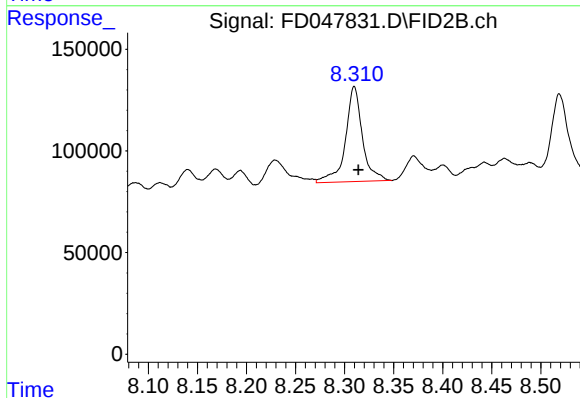




#4 2-Bromonaphthalene (SURR)

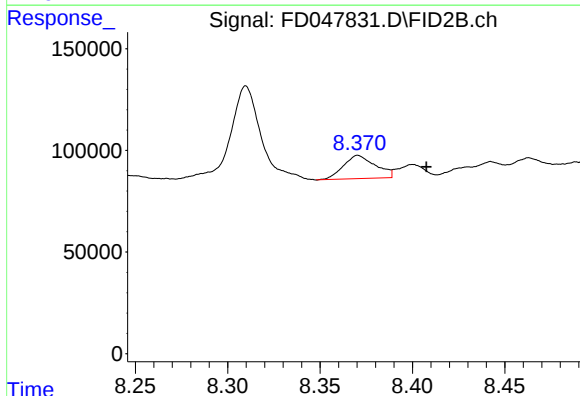
R.T.: 7.455 min
Delta R.T.: -0.003 min
Response: 896066
Conc: 6.38 ug/ml

Instrument :
FID_D
ClientSampleId :



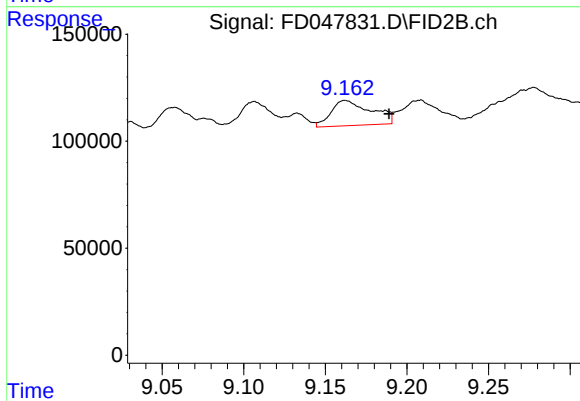
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.310 min
Delta R.T.: -0.004 min
Response: 563286
Conc: 6.08 ug/ml



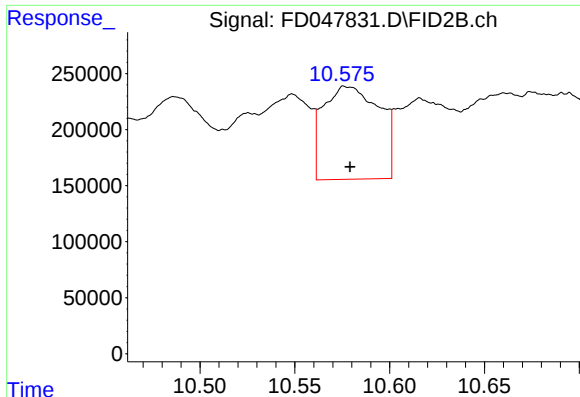
#7 Acenaphthene (C15.5)

R.T.: 8.371 min
Delta R.T.: -0.037 min
Response: 137284
Conc: 0.84 ug/ml



#8 Flouorene (C16.55)

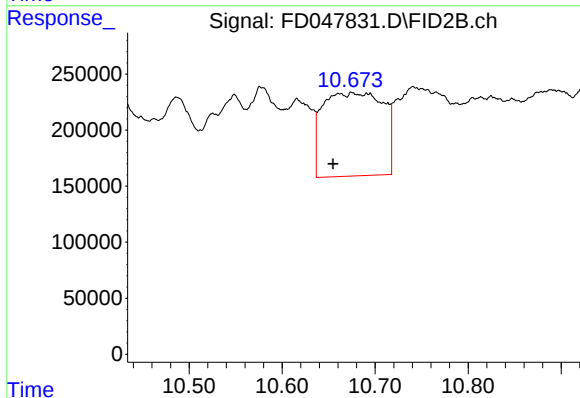
R.T.: 9.162 min
Delta R.T.: -0.027 min
Response: 201341
Conc: 1.28 ug/ml



#9 Phenanthrene (C19.36)

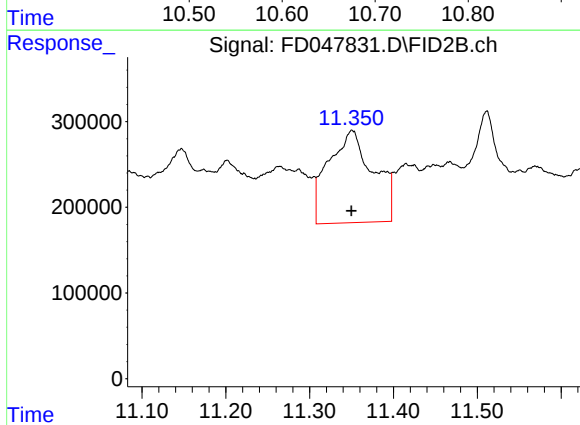
R.T.: 10.578 min
Delta R.T.: 0.000 min
Response: 1707285
Conc: 11.07 ug/ml

Instrument :
FID_D
ClientSampleId :



#10 Anthracene (C19.43)

R.T.: 10.692 min
Delta R.T.: 0.037 min
Response: 3367655
Conc: 22.40 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 3986935
Conc: 24.94 ug/ml