

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047676.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2024 13:03
 Operator : YP/AJ
 Sample : P2391-08DL 50X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 08 16:23:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.462	250412	1.597 ug/ml
Spiked Amount 50.000		Recovery =	3.19%
6) S 2-Fluorobiphenyl (SURR)	8.316	206301	1.972 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	3.94%
11) S ortho-Terphenyl (SURR)	11.352	1053390	5.617 ug/ml
Spiked Amount 50.000		Recovery =	11.23%
Target Compounds			
7) T Acenaphthene (C15.5)	8.405	187900	1.118 ug/ml
8) T Flouorene (C16.55)	9.190	214879	1.292 ug/ml
9) T Phenanthrene (C19.36)	10.581	618517	3.778 ug/ml
10) T Anthracene (C19.43)	10.660	1066092	7.117 ug/ml
12) T Fluoranthene (C21.85)	12.356	279961	1.687 ug/ml

(f)=RT Delta > 1/2 Window

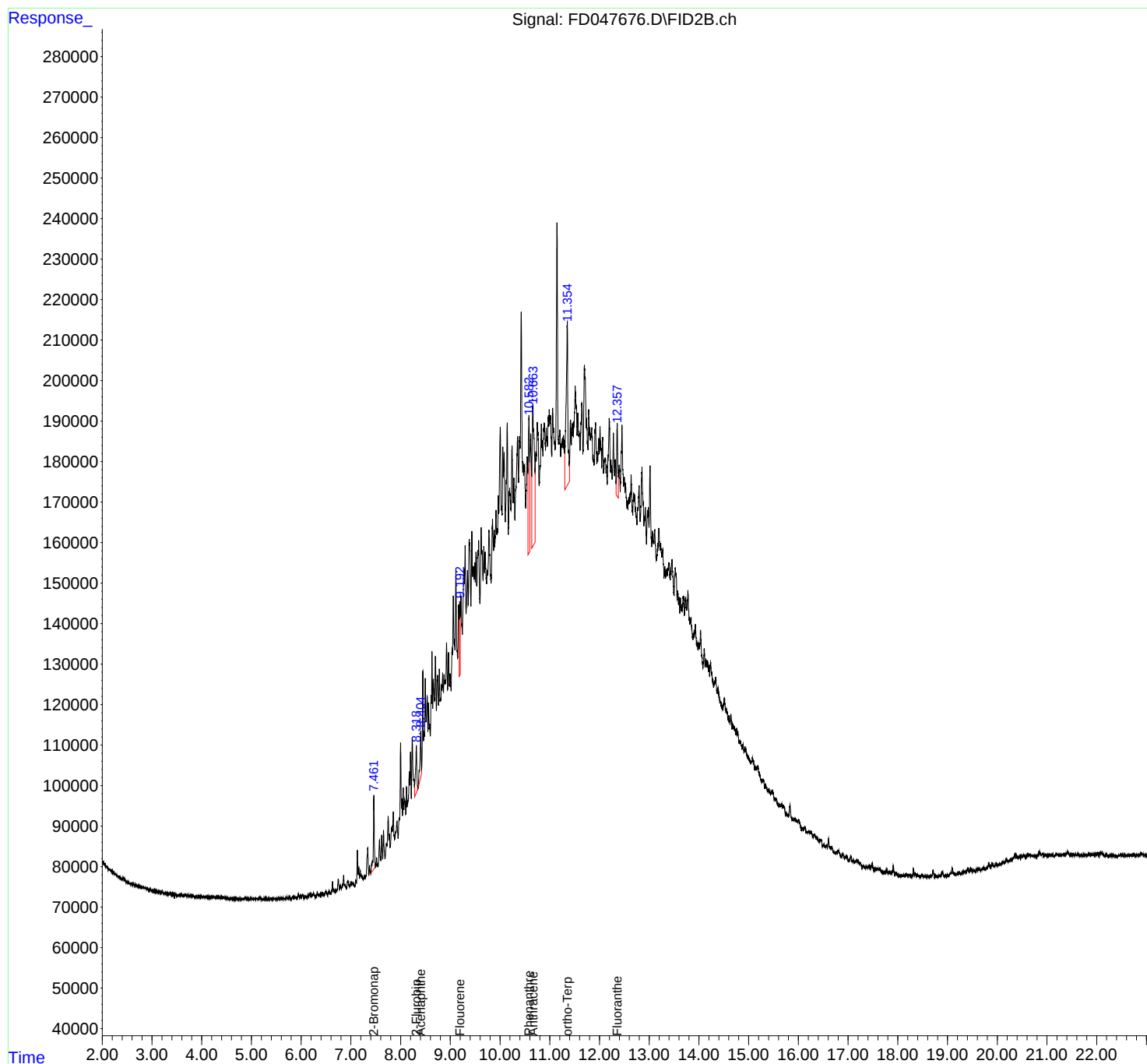
(m)=manual int.

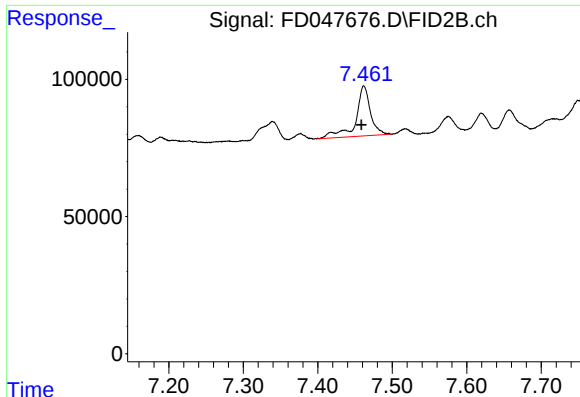
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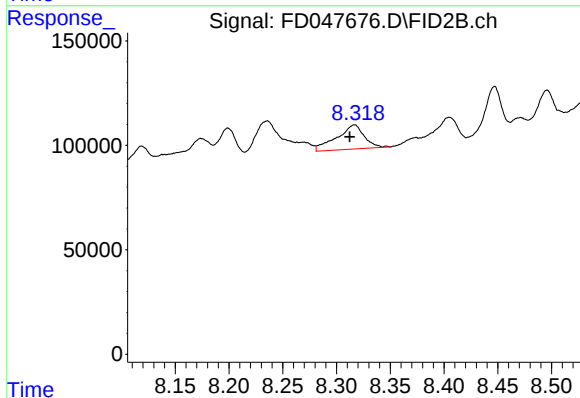




#4 2-Bromonaphthalene (SURR)

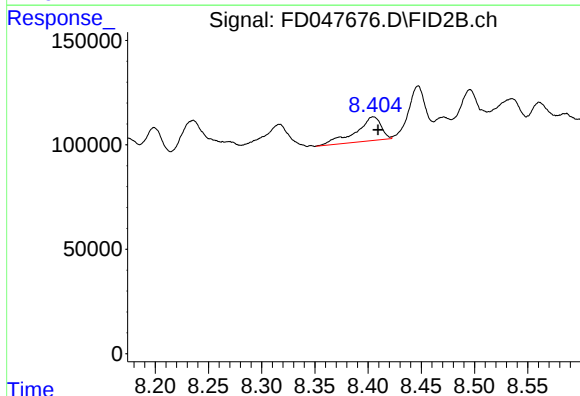
R.T.: 7.462 min
Delta R.T.: 0.004 min
Response: 250412
Conc: 1.60 ug/ml

Instrument :
FID_D
ClientSampleId :



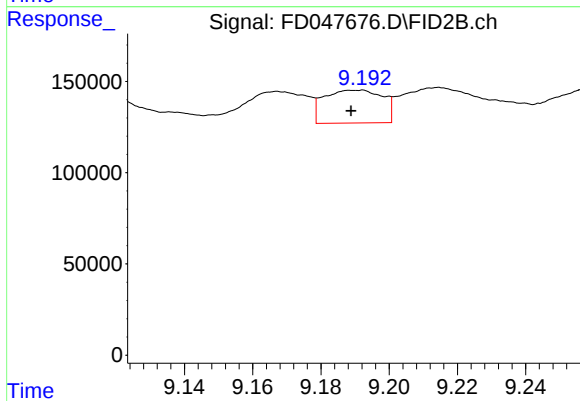
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.004 min
Response: 206301
Conc: 1.97 ug/ml



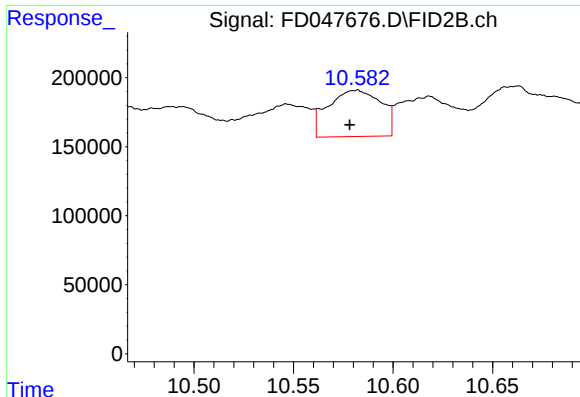
#7 Acenaphthene (C15.5)

R.T.: 8.405 min
Delta R.T.: -0.004 min
Response: 187900
Conc: 1.12 ug/ml



#8 Flouorene (C16.55)

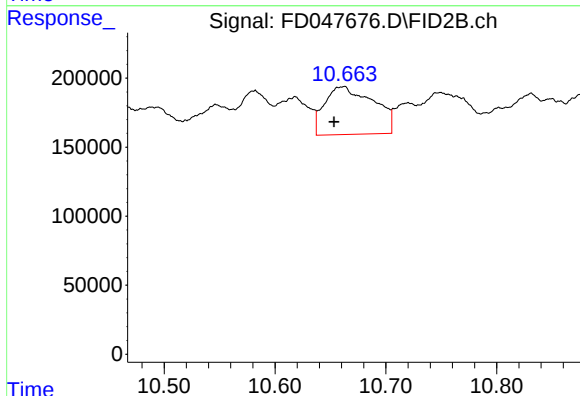
R.T.: 9.190 min
Delta R.T.: 0.001 min
Response: 214879
Conc: 1.29 ug/ml



#9 Phenanthrene (C19.36)

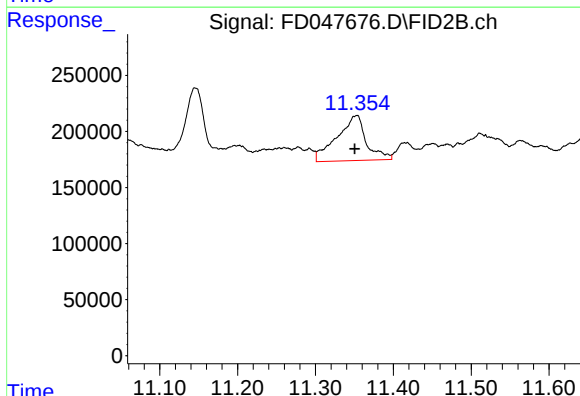
R.T.: 10.581 min
Delta R.T.: 0.003 min
Response: 618517
Conc: 3.78 ug/ml

Instrument :
FID_D
ClientSampleId :



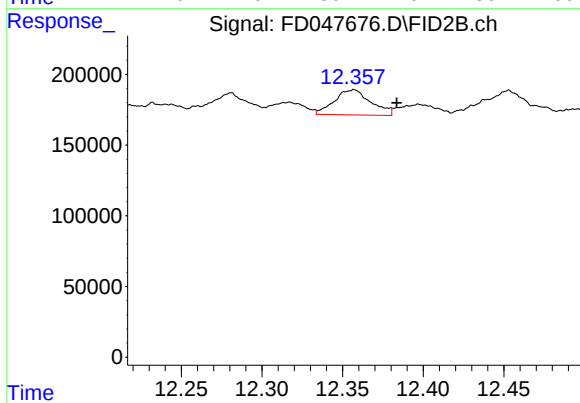
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.007 min
Response: 1066092
Conc: 7.12 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.002 min
Response: 1053390
Conc: 5.62 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.356 min
Delta R.T.: -0.027 min
Response: 279961
Conc: 1.69 ug/ml