

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047823.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2024 14:06
 Operator : YP/AJ
 Sample : P2560-07
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 04:11:17 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...	7.463	19734844	140.570 ug/ml
Spiked Amount 50.000		Recovery =	281.14%
6) S 2-Fluorobiphenyl (SURR)	8.326	31629223	341.525 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	683.05%#
11) S ortho-Terphenyl (SURR)	11.384	162401441	1015.731 ug/ml
Spiked Amount 50.000		Recovery =	2031.46%
Target Compounds			
2) T Naphthalene (C11.7)	5.760	284792	1.745 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	5066948	30.750 ug/ml
5) T Acenaphthylene (C15.06)	8.125	6055196	37.047 ug/ml
7) T Acenaphthene (C15.5)	8.417	11277676	69.069 ug/ml
8) T Flouorene (C16.55)	9.198	38660660	245.753 ug/ml
9) T Phenanthrene (C19.36)	10.564	148482281	962.880 ug/ml
10) T Anthracene (C19.43)	10.665	301895195	2008.167 ug/ml
12) T Fluoranthene (C21.85)	12.395	147859201	974.330 ug/ml
13) T Pyrene (C20.8)	12.678	187140682	1241.357 ug/ml

(f)=RT Delta > 1/2 Window

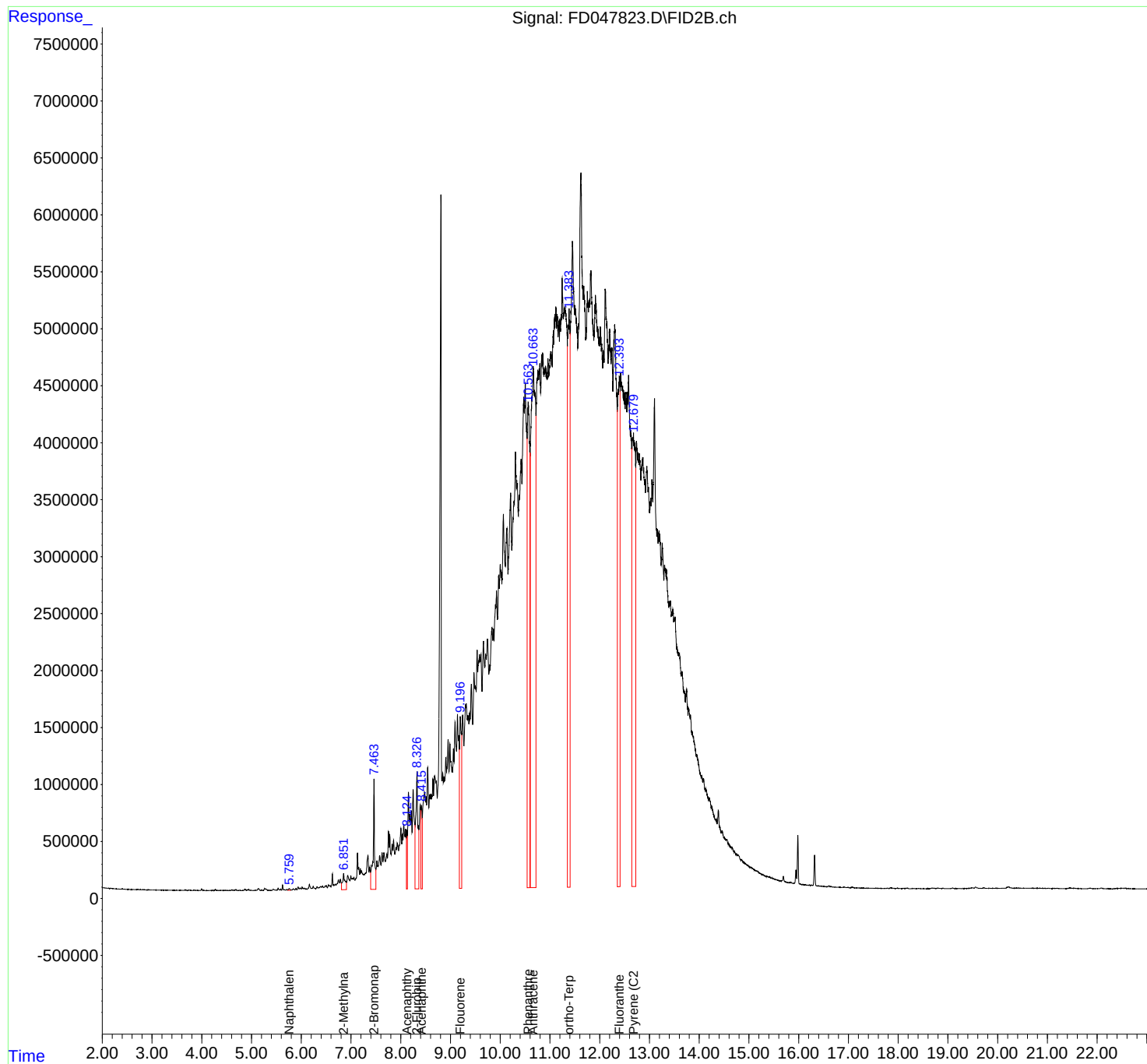
(m)=manual int.

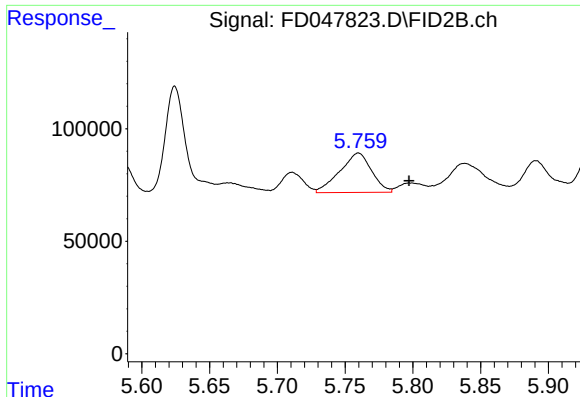
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Integration File: autoint1.e
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

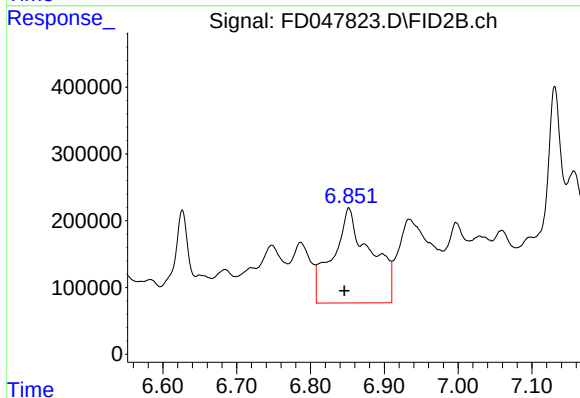




#2 Naphthalene (C11.7)

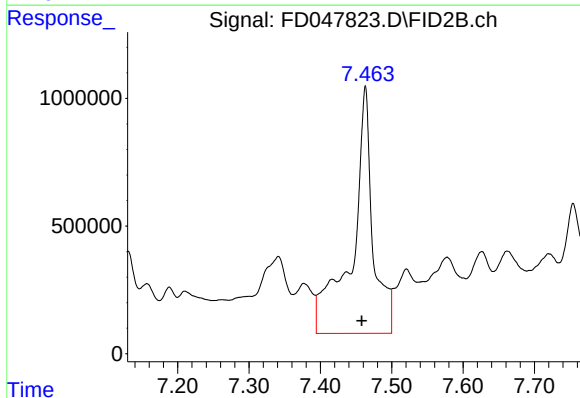
R.T.: 5.760 min
Delta R.T.: -0.037 min
Response: 284792
Conc: 1.74 ug/ml

Instrument :
FID_D
ClientSampleId :



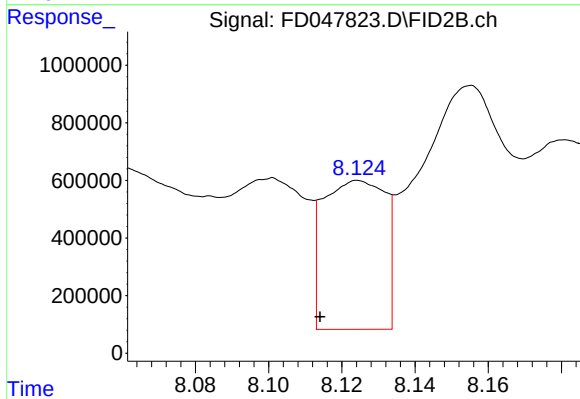
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: 0.006 min
Response: 5066948
Conc: 30.75 ug/ml



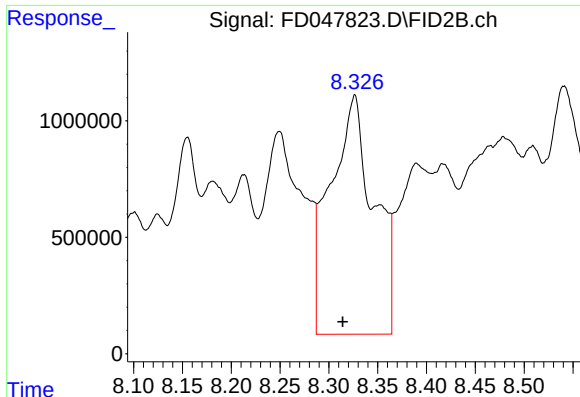
#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.005 min
Response: 19734844
Conc: 140.57 ug/ml



#5 Acenaphthylene (C15.06)

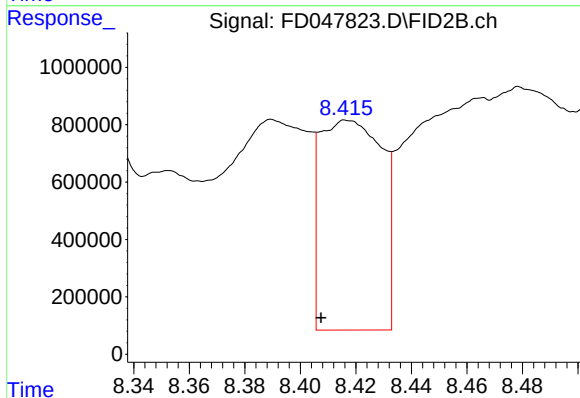
R.T.: 8.125 min
Delta R.T.: 0.011 min
Response: 6055196
Conc: 37.05 ug/ml



#6 2-Fluorobiphenyl (SURR)

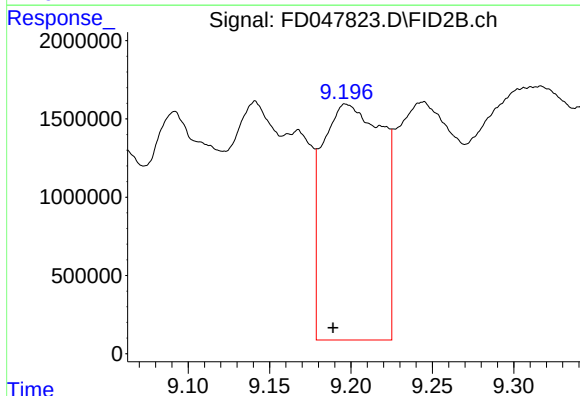
R.T.: 8.326 min
Delta R.T.: 0.012 min
Response: 31629223
Conc: 341.52 ug/ml

Instrument :
FID_D
ClientSampleId :



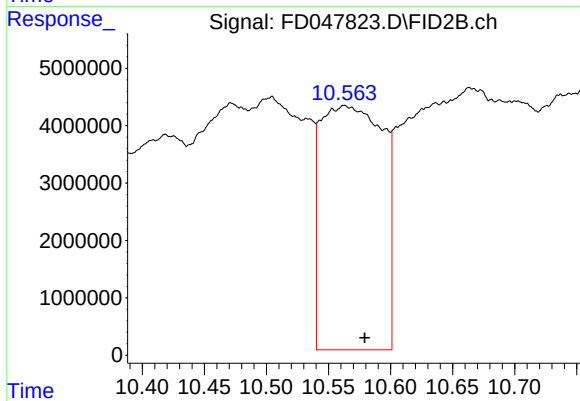
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.010 min
Response: 11277676
Conc: 69.07 ug/ml



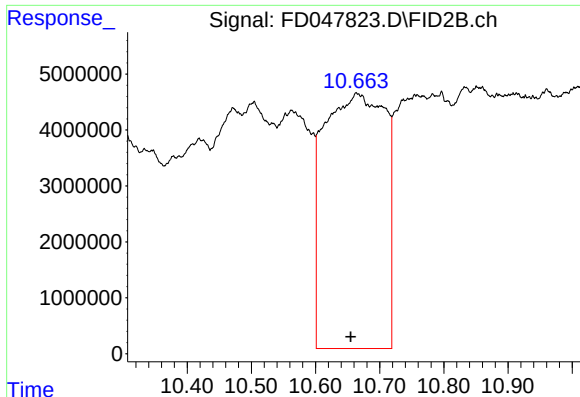
#8 Flouorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.009 min
Response: 38660660
Conc: 245.75 ug/ml



#9 Phenanthrene (C19.36)

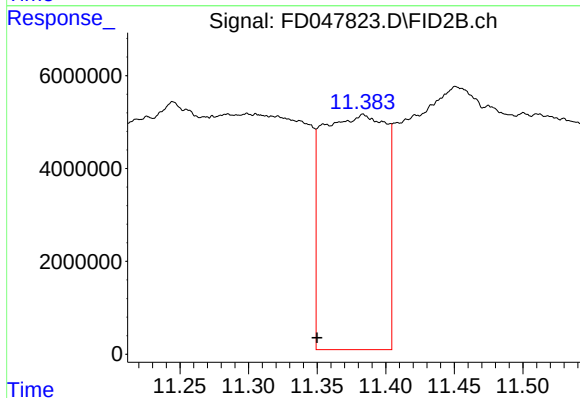
R.T.: 10.564 min
Delta R.T.: -0.015 min
Response: 148482281
Conc: 962.88 ug/ml



#10 Anthracene (C19.43)

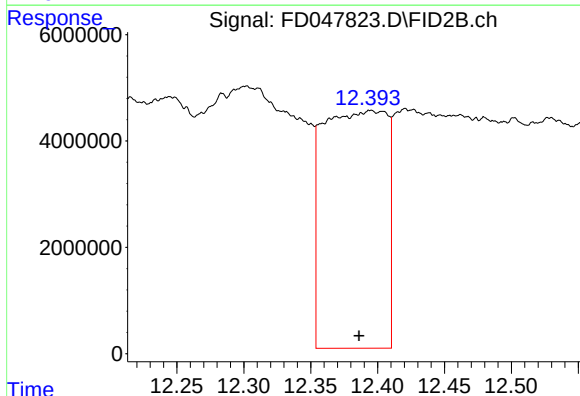
R.T.: 10.665 min
Delta R.T.: 0.010 min
Response: 301895195
Conc: 2008.17 ug/ml

Instrument :
FID_D
ClientSampleId :



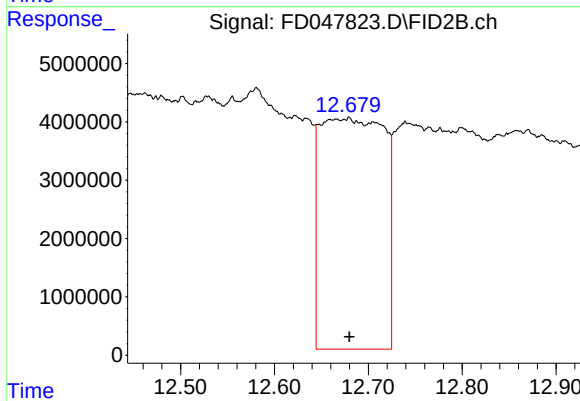
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: 0.034 min
Response: 162401441
Conc: 1015.73 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.009 min
Response: 147859201
Conc: 974.33 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 187140682
Conc: 1241.36 ug/ml