

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047844.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2024 05:14
 Operator : YP/AJ
 Sample : P2560-13DL 10X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 06:27:28 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...	7.452	909484	6.478 ug/ml
Spiked Amount 50.000		Recovery =	12.96%
6) S 2-Fluorobiphenyl (SURR)	8.306	406754	4.392 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.78%
11) S ortho-Terphenyl (SURR)	11.346	2119640	13.257 ug/ml
Spiked Amount 50.000		Recovery =	26.51%
Target Compounds			
9) T Phenanthrene (C19.36)	10.574	876796	5.686 ug/ml
10) T Anthracene (C19.43)	10.682	1249391	8.311 ug/ml
12) T Fluoranthene (C21.85)	12.381	605462	3.990 ug/ml
13) T Pyrene (C20.8)	12.675	421544	2.796 ug/ml
14) T Benzo[a]anthracene (C...	14.544	208181	1.519 ug/ml
15) T Chrysene (C27.41)	14.584	225387	1.530 ug/ml
16) T benzo[b]fluoranthene ...	16.093	303226	2.154 ug/ml
17) T Bnezo[k]fluoranthene ...	16.093	303226	2.227 ug/ml

(f)=RT Delta > 1/2 Window

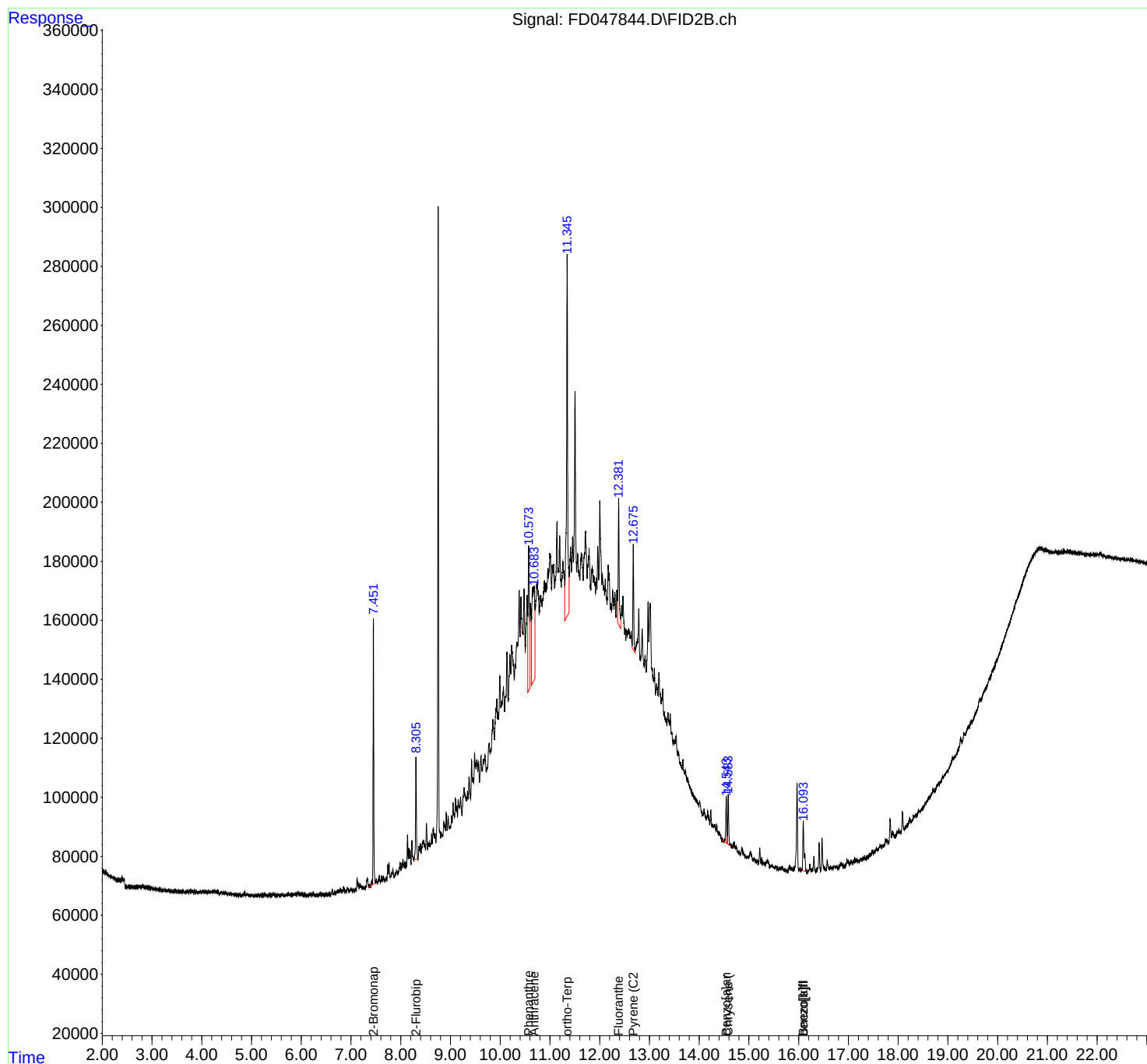
(m)=manual int.

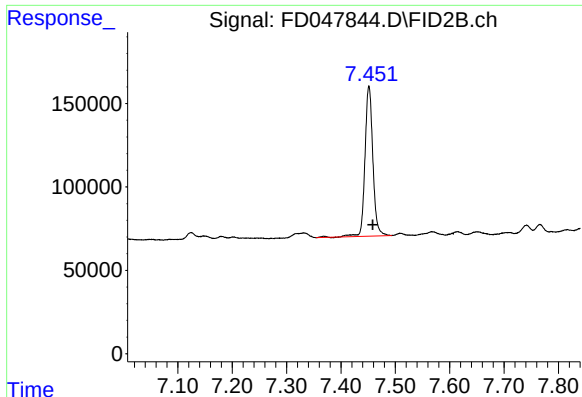
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Signal Info : 20M x 0.18mm x 0.18µm

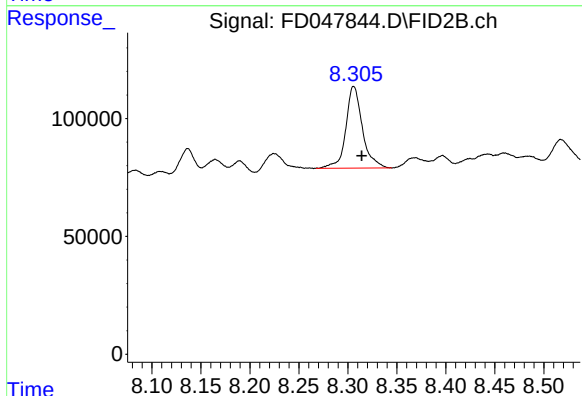




#4 2-Bromonaphthalene (SURRE)

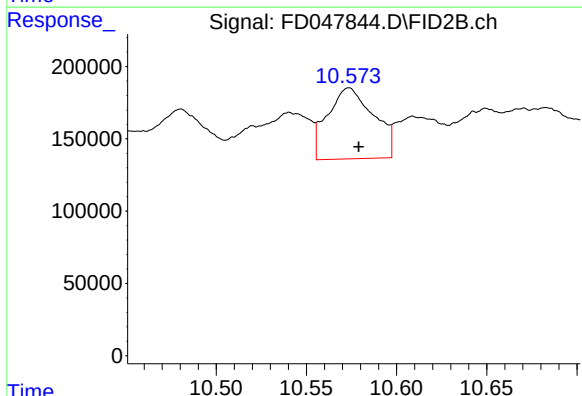
R.T.: 7.452 min
Delta R.T.: -0.007 min
Response: 909484
Conc: 6.48 ug/ml

Instrument :
FID_D
ClientSampleId :



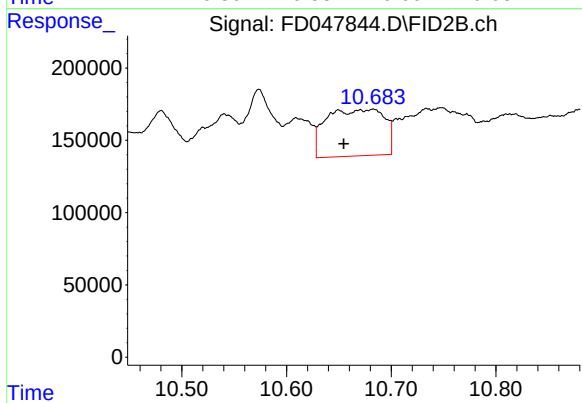
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.306 min
Delta R.T.: -0.008 min
Response: 406754
Conc: 4.39 ug/ml



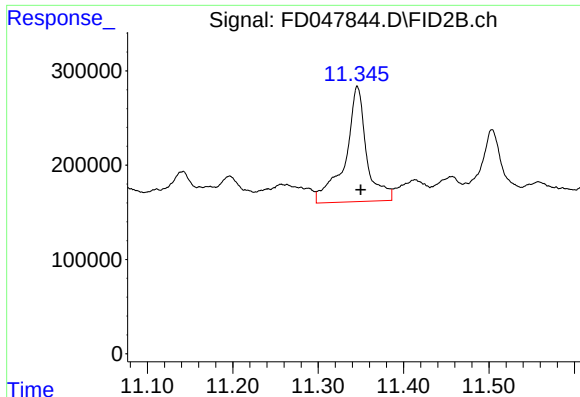
#9 Phenanthrene (C19.36)

R.T.: 10.574 min
Delta R.T.: -0.005 min
Response: 876796
Conc: 5.69 ug/ml



#10 Anthracene (C19.43)

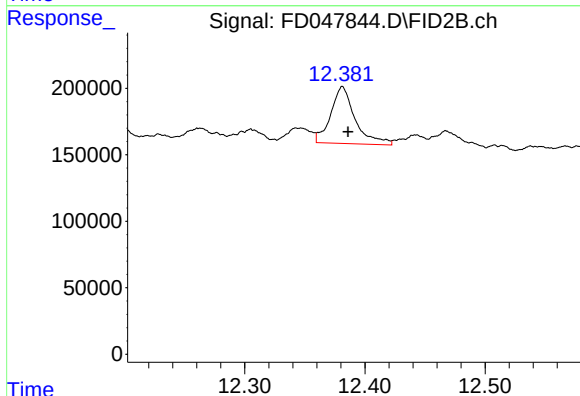
R.T.: 10.682 min
Delta R.T.: 0.027 min
Response: 1249391
Conc: 8.31 ug/ml



#11 ortho-Terphenyl (SURR)

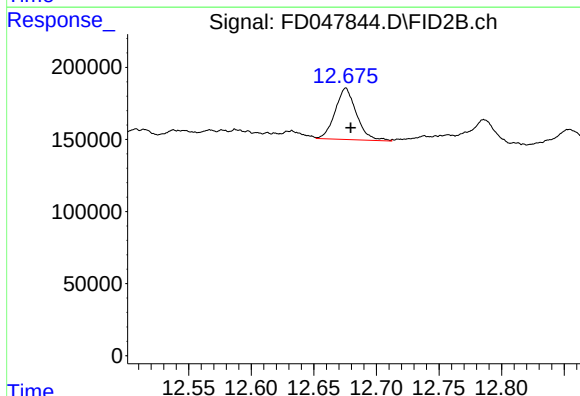
R.T.: 11.346 min
Delta R.T.: -0.004 min
Response: 2119640
Conc: 13.26 ug/ml

Instrument :
FID_D
ClientSampleId :



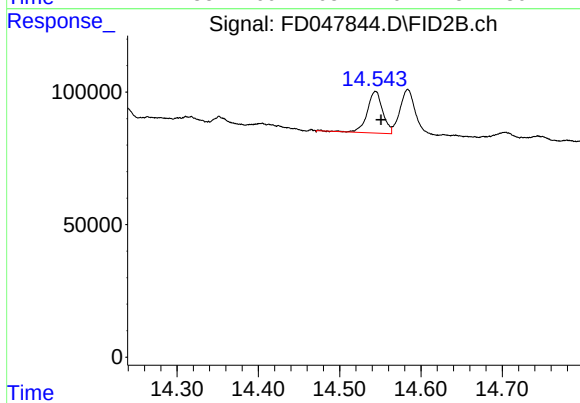
#12 Fluoranthene (C21.85)

R.T.: 12.381 min
Delta R.T.: -0.005 min
Response: 605462
Conc: 3.99 ug/ml



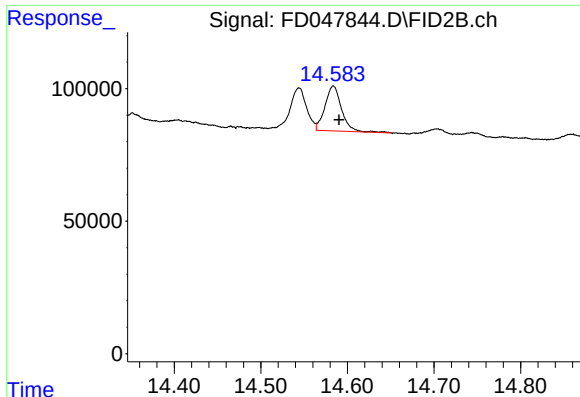
#13 Pyrene (C20.8)

R.T.: 12.675 min
Delta R.T.: -0.004 min
Response: 421544
Conc: 2.80 ug/ml



#14 Benzo[a]anthracene (C26.37)

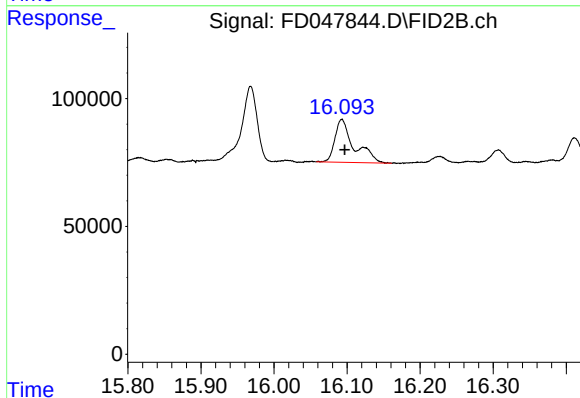
R.T.: 14.544 min
Delta R.T.: -0.007 min
Response: 208181
Conc: 1.52 ug/ml



#15 Chrysene (C27.41)

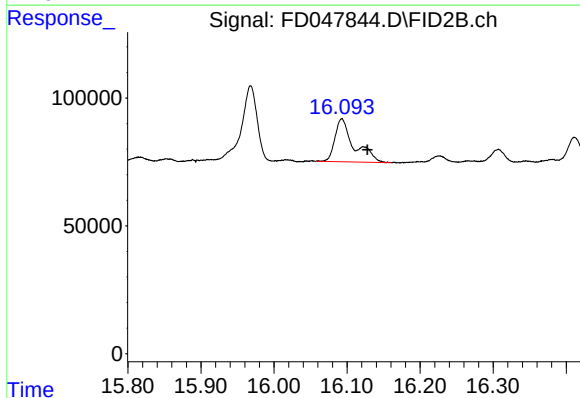
R.T.: 14.584 min
Delta R.T.: -0.007 min
Response: 225387
Conc: 1.53 ug/ml

Instrument :
FID_D
ClientSampleId :



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.093 min
Delta R.T.: -0.004 min
Response: 303226
Conc: 2.15 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.093 min
Delta R.T.: -0.035 min
Response: 303226
Conc: 2.23 ug/ml