

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047846.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2024 06:28
 Operator : YP/AJ
 Sample : P2560-12DL 5X
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 08:53:22 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...	7.450	1556572	11.087 ug/ml
Spiked Amount 50.000		Recovery =	22.17%
6) S 2-Fluorobiphenyl (SURR)	8.304	771213	8.327 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	16.65%
11) S ortho-Terphenyl (SURR)	11.342	1278047	7.993 ug/ml
Spiked Amount 50.000		Recovery =	15.99%
Target Compounds			
9) T Phenanthrene (C19.36)	10.571	716829	4.649 ug/ml
10) T Anthracene (C19.43)	10.649	183568	1.221 ug/ml
12) T Fluoranthene (C21.85)	12.376	1774759	11.695 ug/ml
13) T Pyrene (C20.8)	12.669	1424312	9.448 ug/ml
14) T Benzo[a]anthracene (C...	14.539	946186	6.902 ug/ml
15) T Chrysene (C27.41)	14.578	939198	6.375 ug/ml
16) T benzo[b]fluoranthene ...	16.087	1065149	7.568 ug/ml
17) T Bnezo[k]fluoranthene ...	16.115	364791	2.679 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	718788	5.193 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	449222	3.897 ug/ml
20) T Dibenz[a,h]anthracene...	17.826	449222	3.369 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	369240	2.776 ug/ml

(f)=RT Delta > 1/2 Window

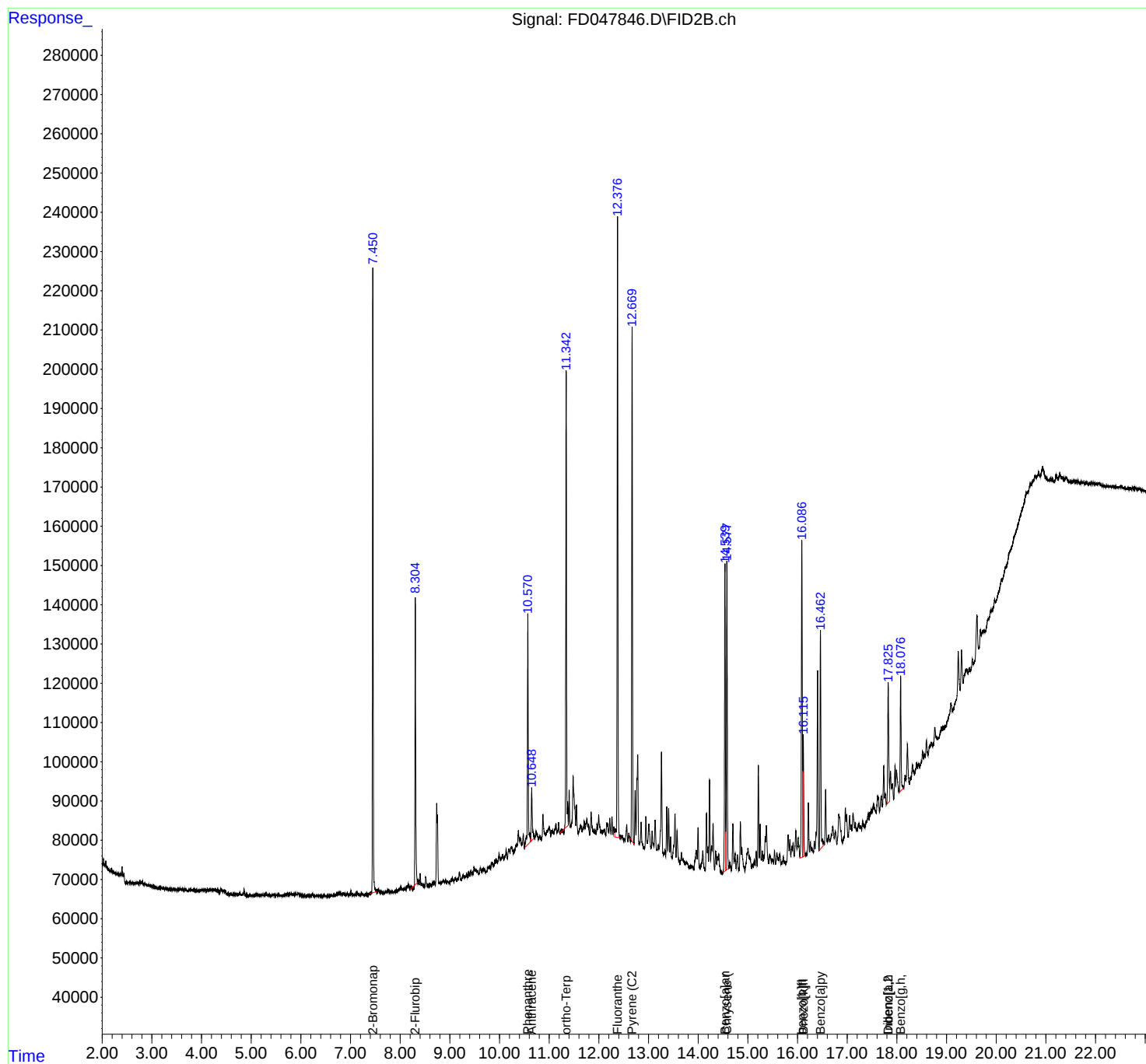
(m)=manual int.

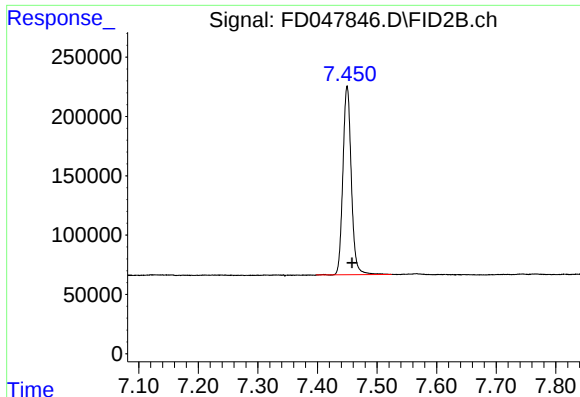
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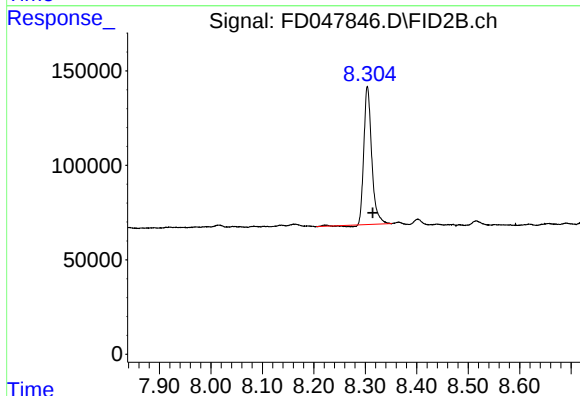




#4 2-Bromonaphthalene (SURRE)

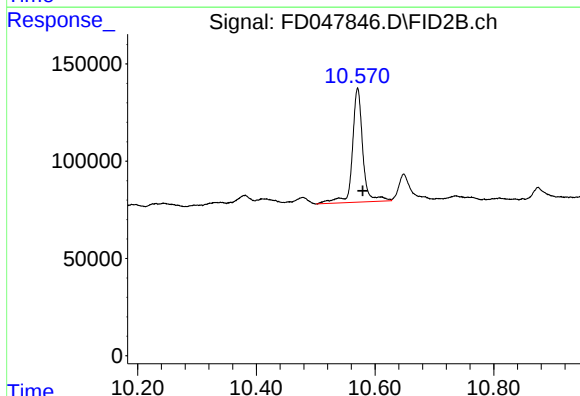
R.T.: 7.450 min
Delta R.T.: -0.008 min
Response: 1556572
Conc: 11.09 ug/ml

Instrument :
FID_D
ClientSampleId :



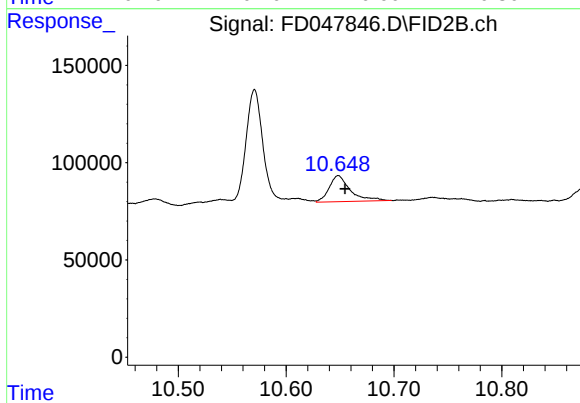
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.304 min
Delta R.T.: -0.010 min
Response: 771213
Conc: 8.33 ug/ml



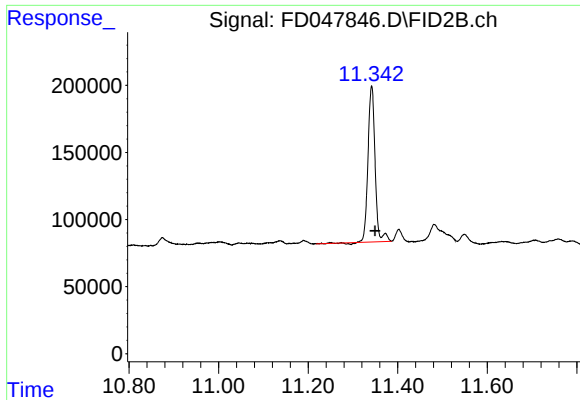
#9 Phenanthrene (C19.36)

R.T.: 10.571 min
Delta R.T.: -0.008 min
Response: 716829
Conc: 4.65 ug/ml



#10 Anthracene (C19.43)

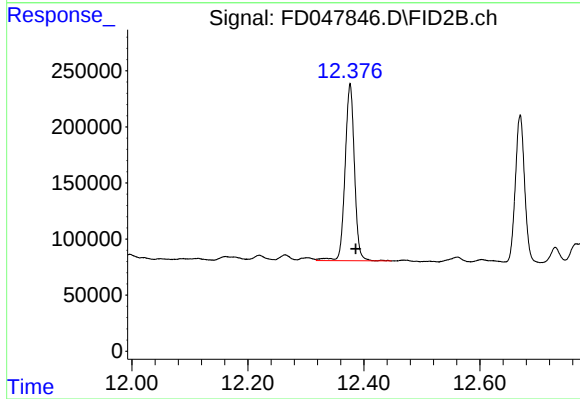
R.T.: 10.649 min
Delta R.T.: -0.006 min
Response: 183568
Conc: 1.22 ug/ml



#11 ortho-Terphenyl (SURR)

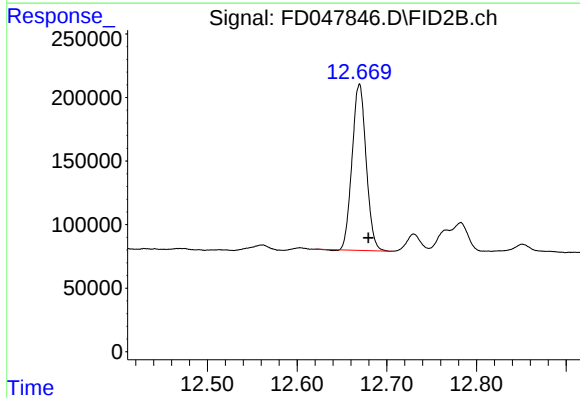
R.T.: 11.342 min
Delta R.T.: -0.008 min
Response: 1278047
Conc: 7.99 ug/ml

Instrument :
FID_D
ClientSampleId :



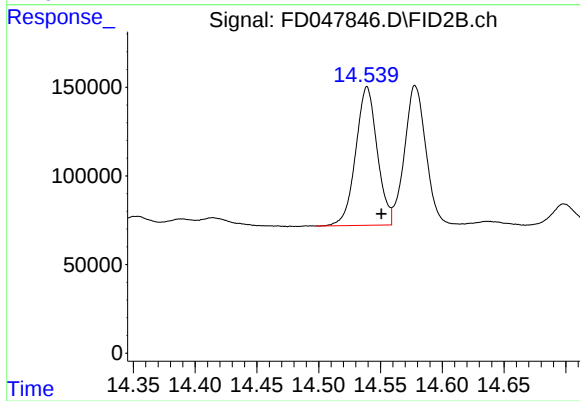
#12 Fluoranthene (C21.85)

R.T.: 12.376 min
Delta R.T.: -0.010 min
Response: 1774759
Conc: 11.69 ug/ml



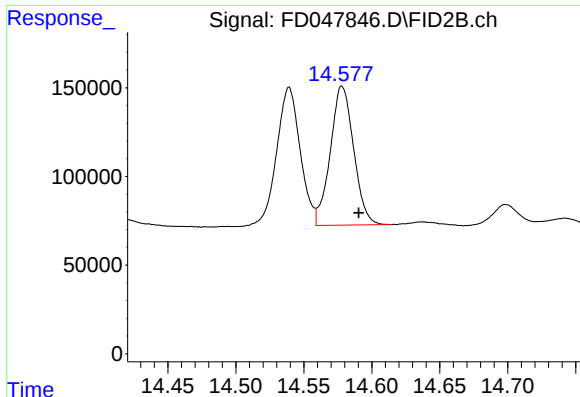
#13 Pyrene (C20.8)

R.T.: 12.669 min
Delta R.T.: -0.010 min
Response: 1424312
Conc: 9.45 ug/ml



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

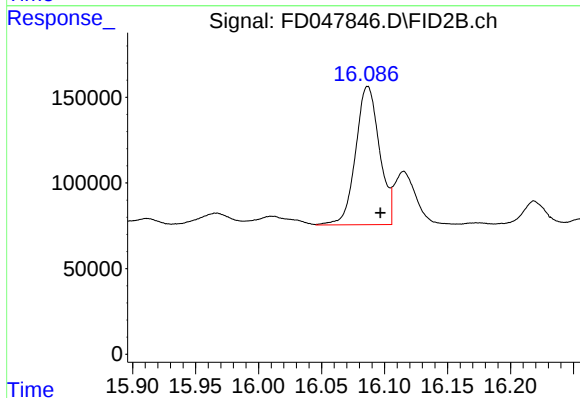
R.T.: 14.539 min
Delta R.T.: -0.012 min
Response: 946186
Conc: 6.90 ug/ml



#15 Chrysene (C27.41)

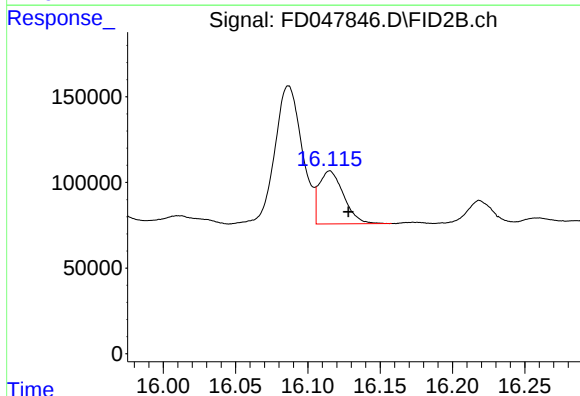
R.T.: 14.578 min
Delta R.T.: -0.012 min
Response: 939198
Conc: 6.38 ug/ml

Instrument :
FID_D
ClientSampleId :



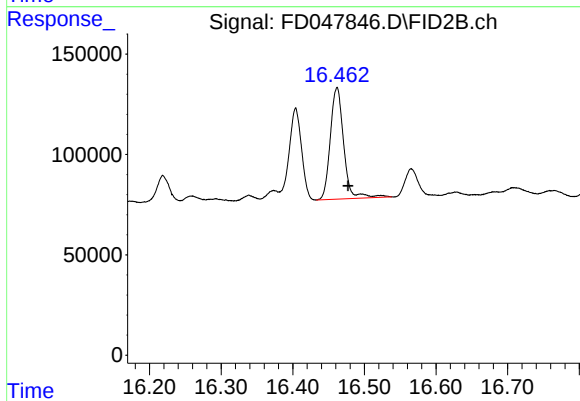
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: -0.010 min
Response: 1065149
Conc: 7.57 ug/ml



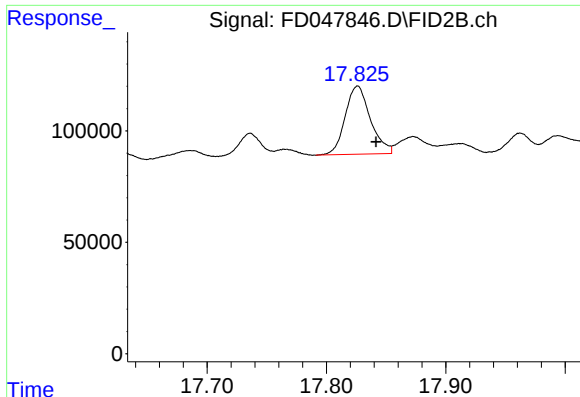
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.115 min
Delta R.T.: -0.013 min
Response: 364791
Conc: 2.68 ug/ml



#18 Benzo[a]pyrene (C31.34)

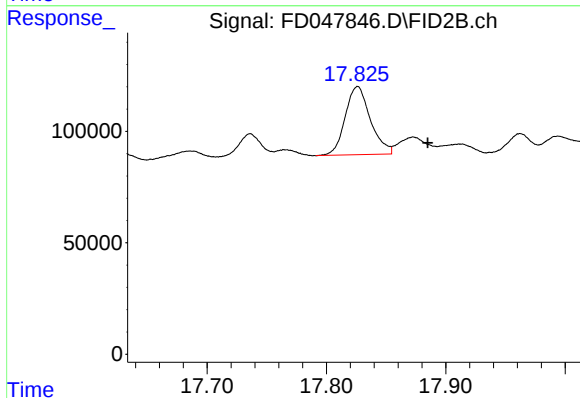
R.T.: 16.462 min
Delta R.T.: -0.016 min
Response: 718788
Conc: 5.19 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

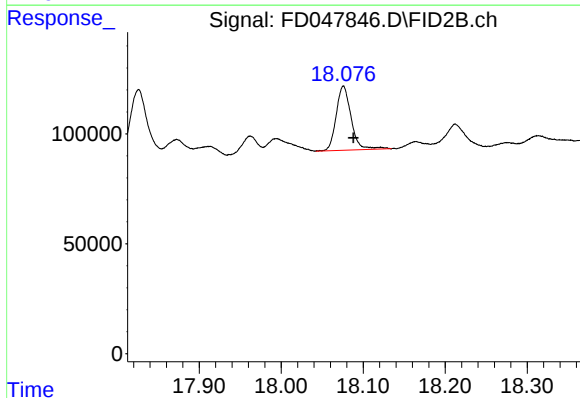
R.T.: 17.826 min
Delta R.T.: -0.016 min
Response: 449222
Conc: 3.90 ug/ml

Instrument :
FID_D
ClientSampleId :



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.826 min
Delta R.T.: -0.059 min
Response: 449222
Conc: 3.37 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.076 min
Delta R.T.: -0.012 min
Response: 369240
Conc: 2.78 ug/ml