

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042221AR\
 Data File : FD037084.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 18:10
 Operator : DD\AJ
 Sample : M2090-13RE
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 23 02:15:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.577	5487731	46.413 ug/ml
Spiked Amount 50.000		Recovery =	92.83%
6) S 2-Fluorobiphenyl (SURR)	8.438	3321998	43.052 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.10%
11) S ortho-Terphenyl (SURR)	11.477	3220942	26.077 ug/ml
Spiked Amount 50.000		Recovery =	52.15%
Target Compounds			
9) T Phenanthrene (C19.36)	10.706	532033	4.513 ug/ml
10) T Anthracene (C19.43)	10.780	154874	1.345 ug/ml
12) T Fluoranthene (C21.85)	12.516	1044680	8.957 ug/ml
13) T Pyrene (C20.8)	12.813	885164	7.689 ug/ml
14) T Benzo[a]anthracene (C...	14.681	468311	4.255 ug/ml
15) T Chrysene (C27.41)	14.722	436170	3.853 ug/ml
16) T benzo[b]fluoranthene ...	16.234	555588	4.953 ug/ml
17) T Bnezo[k]fluoranthene ...	16.261	193917	1.800 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.610	417546	4.034 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.973	314851	2.960 ug/ml
20) T Dibenz[a,h]anthracene...	18.019	92539	0.886 ug/ml
21) T Benzo[g,h,i]perylene ...	18.225	308309	2.886 ug/ml

(f)=RT Delta > 1/2 Window

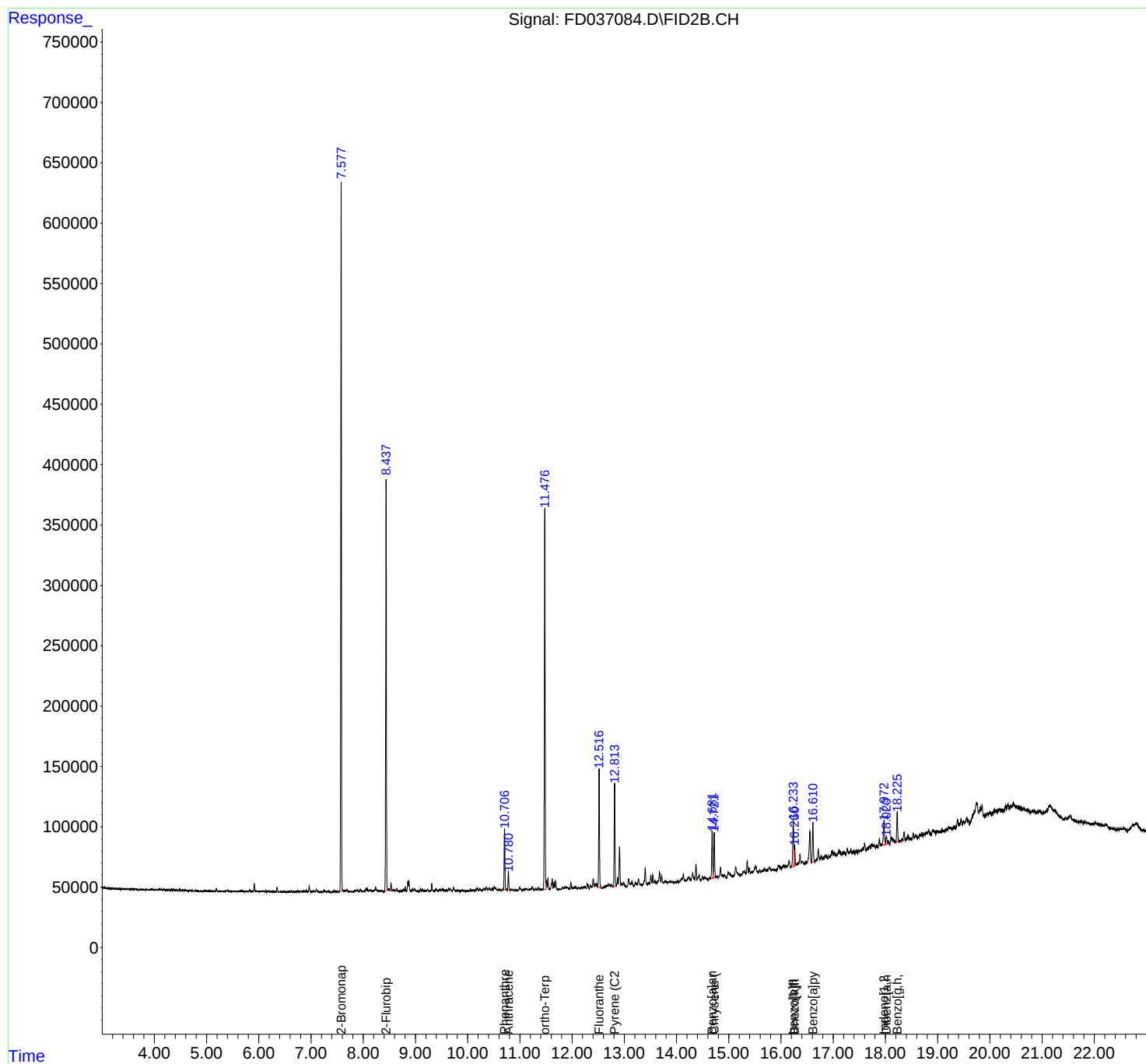
(m)=manual int.

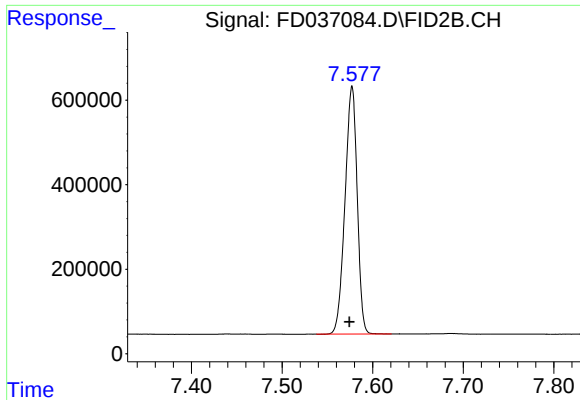
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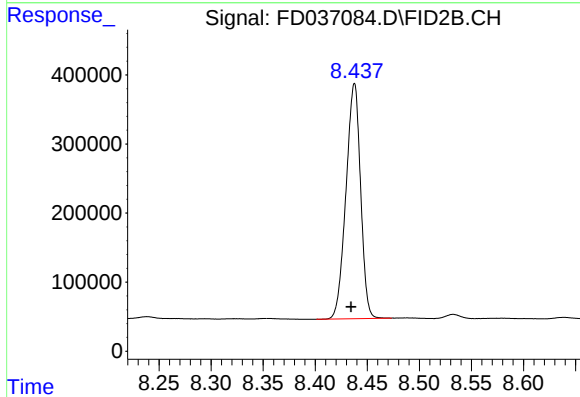




#4 2-Bromonaphthalene (SURRE)

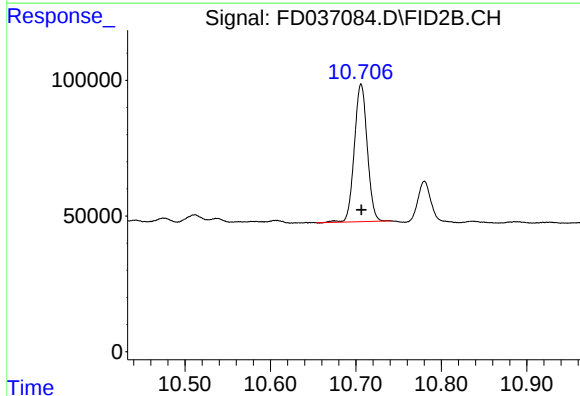
R.T.: 7.577 min
Delta R.T.: 0.003 min
Response: 5487731
Conc: 46.41 ug/ml

Instrument :
FID_D
ClientSampleId :



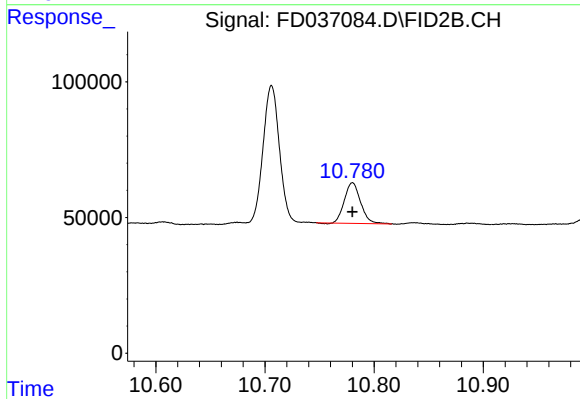
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.438 min
Delta R.T.: 0.003 min
Response: 3321998
Conc: 43.05 ug/ml



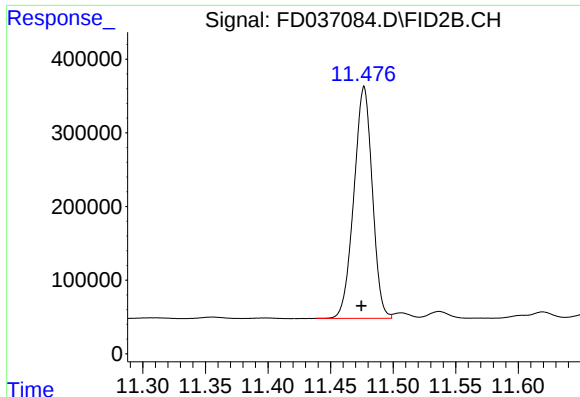
#9 Phenanthrene (C19.36)

R.T.: 10.706 min
Delta R.T.: 0.000 min
Response: 532033
Conc: 4.51 ug/ml



#10 Anthracene (C19.43)

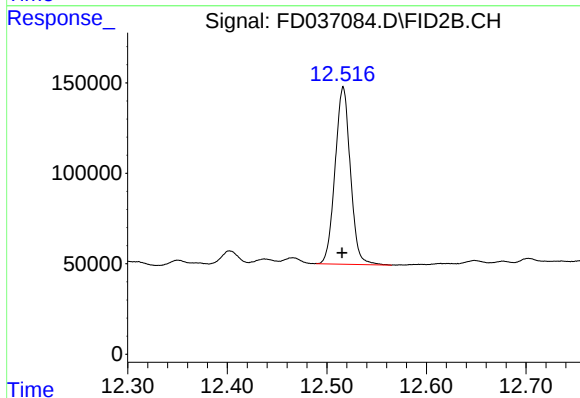
R.T.: 10.780 min
Delta R.T.: 0.000 min
Response: 154874
Conc: 1.34 ug/ml



#11 ortho-Terphenyl (SURR)

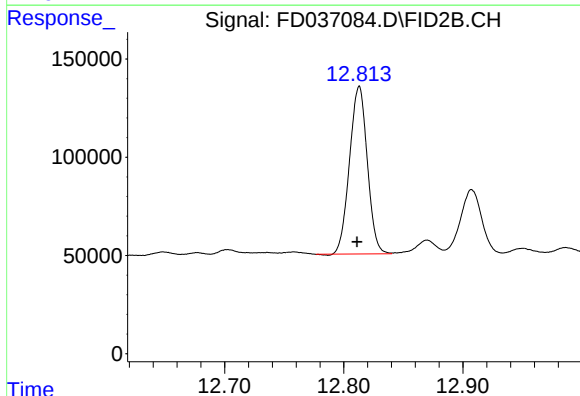
R.T.: 11.477 min
Delta R.T.: 0.002 min
Response: 3220942
Conc: 26.08 ug/ml

Instrument :
FID_D
ClientSampleId :



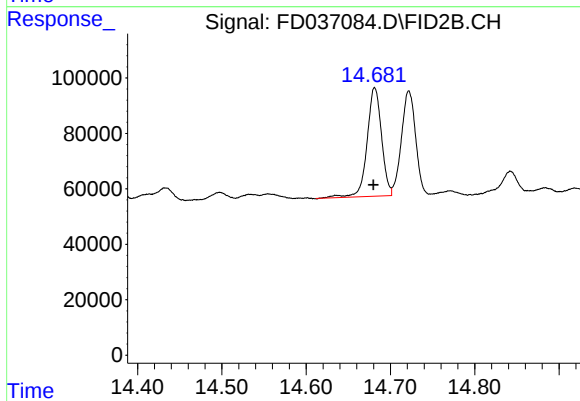
#12 Fluoranthene (C21.85)

R.T.: 12.516 min
Delta R.T.: 0.001 min
Response: 1044680
Conc: 8.96 ug/ml



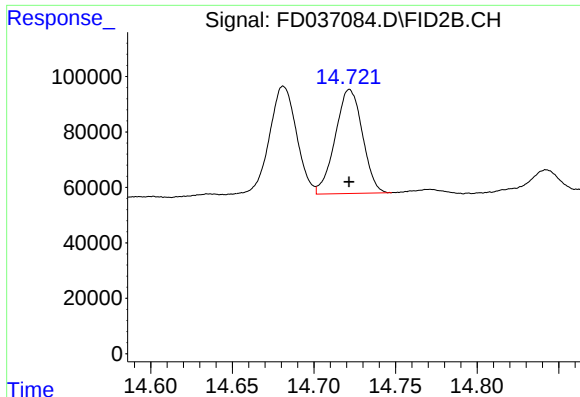
#13 Pyrene (C20.8)

R.T.: 12.813 min
Delta R.T.: 0.002 min
Response: 885164
Conc: 7.69 ug/ml



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

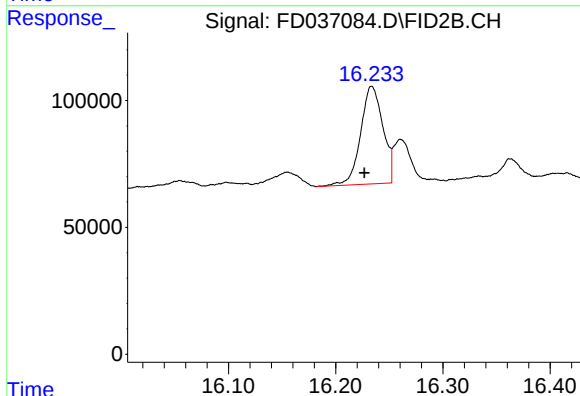
R.T.: 14.681 min
Delta R.T.: 0.002 min
Response: 468311
Conc: 4.26 ug/ml



#15 Chrysene (C27.41)

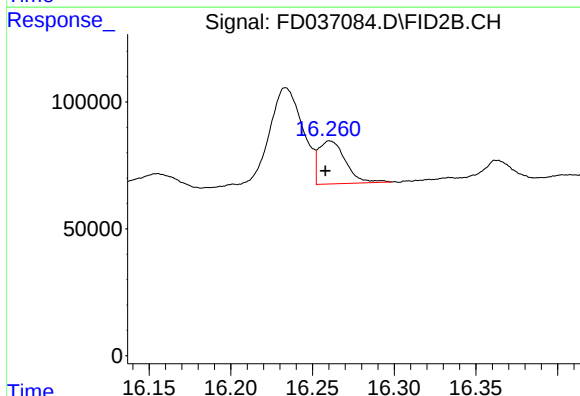
R.T.: 14.722 min
Delta R.T.: 0.000 min
Response: 436170
Conc: 3.85 ug/ml

Instrument :
FID_D
ClientSampleId :



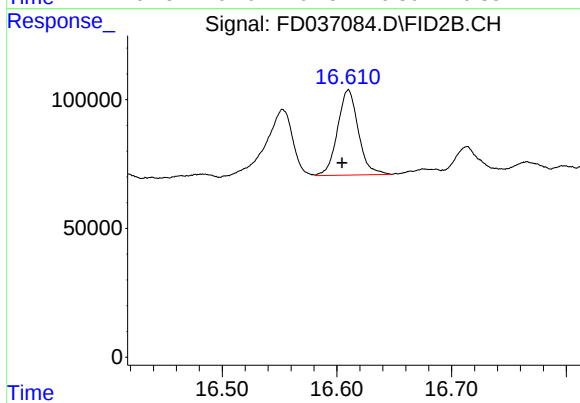
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.234 min
Delta R.T.: 0.007 min
Response: 555588
Conc: 4.95 ug/ml



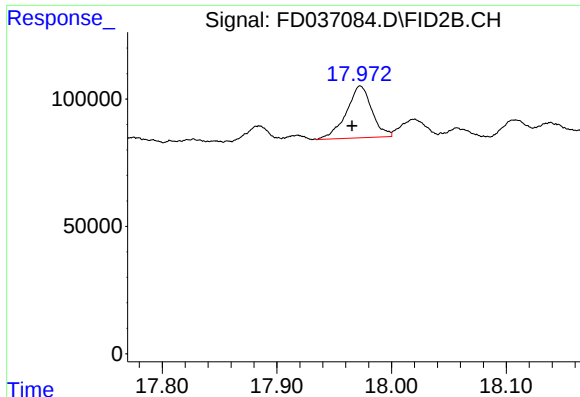
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.261 min
Delta R.T.: 0.003 min
Response: 193917
Conc: 1.80 ug/ml



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

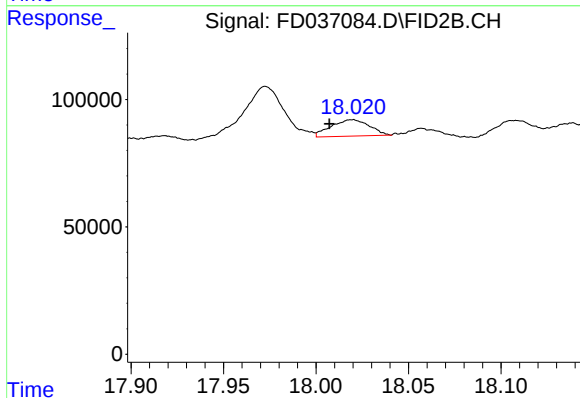
R.T.: 16.610 min
Delta R.T.: 0.005 min
Response: 417546
Conc: 4.03 ug/ml



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

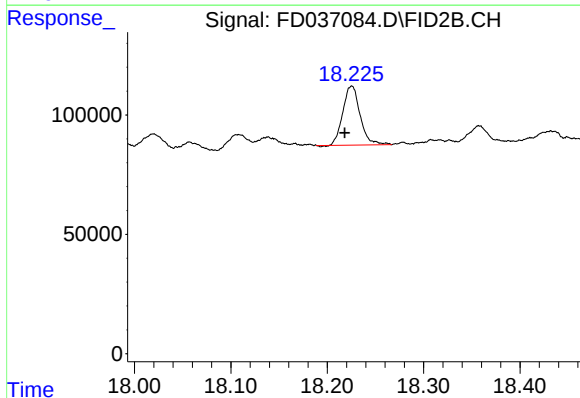
R.T.: 17.973 min
Delta R.T.: 0.007 min
Response: 314851
Conc: 2.96 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.019 min
Delta R.T.: 0.012 min
Response: 92539
Conc: 0.89 ug/ml



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

R.T.: 18.225 min
Delta R.T.: 0.007 min
Response: 308309
Conc: 2.89 ug/ml