

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041783.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 17:35
 Operator : UA/NP
 Sample : N2142-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:21:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 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...	7.348	5307154	33.089 ug/ml
Spiked Amount 50.000		Recovery =	66.18%
6) S 2-Fluorobiphenyl (SURR)	8.197	3147118	31.848 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.70%
11) S ortho-Terphenyl (SURR)	11.228	5486052	28.221 ug/ml
Spiked Amount 50.000		Recovery =	56.44%
Target Compounds			
7) T Acenaphthene (C15.5)	8.253	359069	1.870 ug/ml
9) T Phenanthrene (C19.36)	10.465	424132	2.432 ug/ml
10) T Anthracene (C19.43)	10.556	175038	0.962 ug/ml
12) T Fluoranthene (C21.85)	12.264	511070	2.895 ug/ml
13) T Pyrene (C20.8)	12.555	461133	2.728 ug/ml
14) T Benzo[a]anthracene (C...	14.440	104512	0.699 ug/ml
15) T Chrysene (C27.41)	14.475	165592	0.920 ug/ml
16) T benzo[b]fluoranthene ...	15.985	240307	1.621 ug/ml
17) T Bnezo[k]fluoranthene ...	15.985	240307	1.454 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	83094	0.591 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	233486	2.120 ug/ml
20) T Dibenz[a,h]anthracene...	17.783	135585	0.937 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	114814	0.865 ug/ml

(f)=RT Delta > 1/2 Window

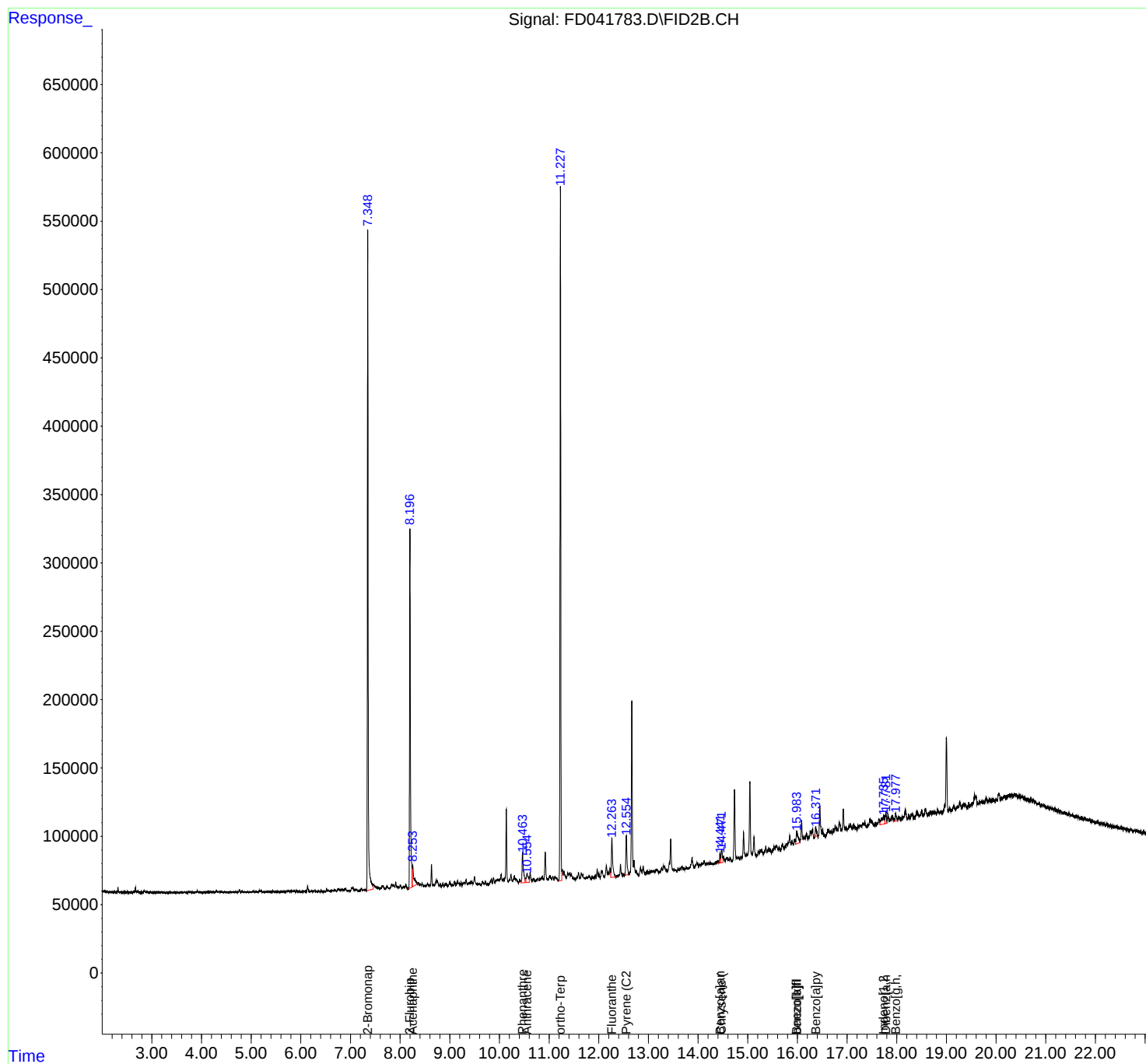
(m)=manual int.

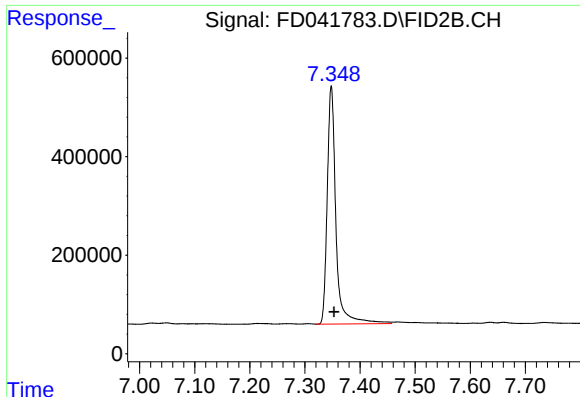
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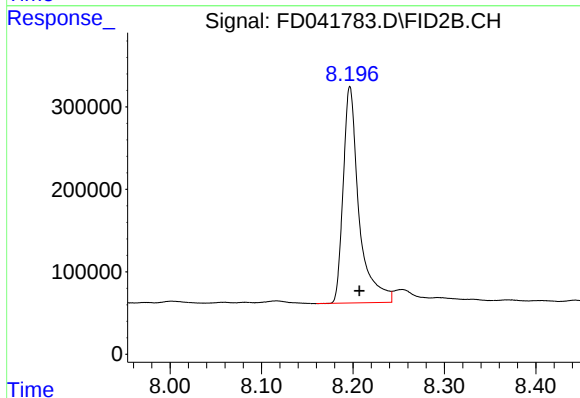




#4 2-Bromonaphthalene (SURRE)

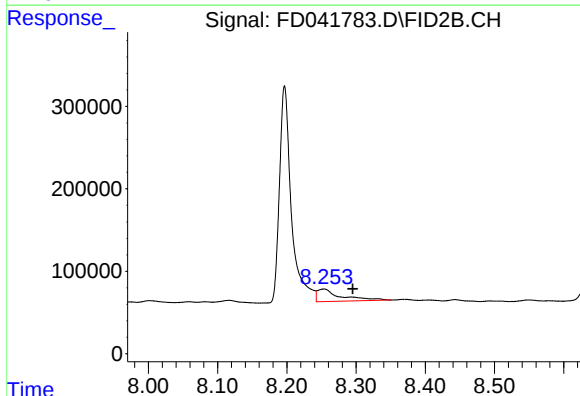
R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 5307154
Conc: 33.09 ug/ml

Instrument :
FID_D
ClientSampleId :



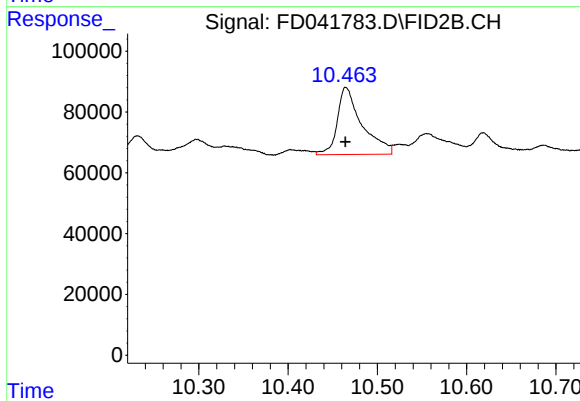
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 3147118
Conc: 31.85 ug/ml



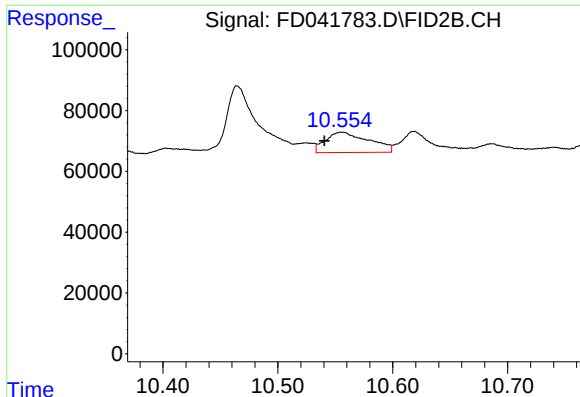
#7 Acenaphthene (C15.5)

R.T.: 8.253 min
Delta R.T.: -0.042 min
Response: 359069
Conc: 1.87 ug/ml



#9 Phenanthrene (C19.36)

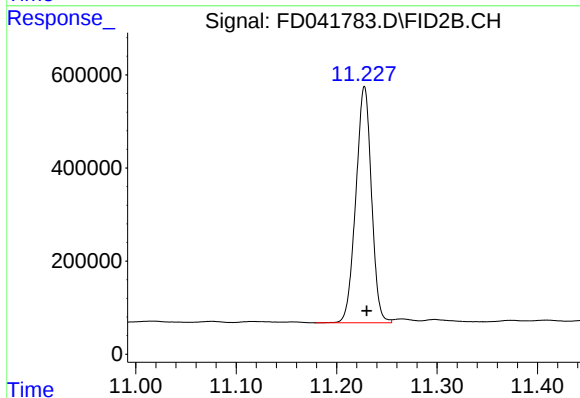
R.T.: 10.465 min
Delta R.T.: 0.001 min
Response: 424132
Conc: 2.43 ug/ml



#10 Anthracene (C19.43)

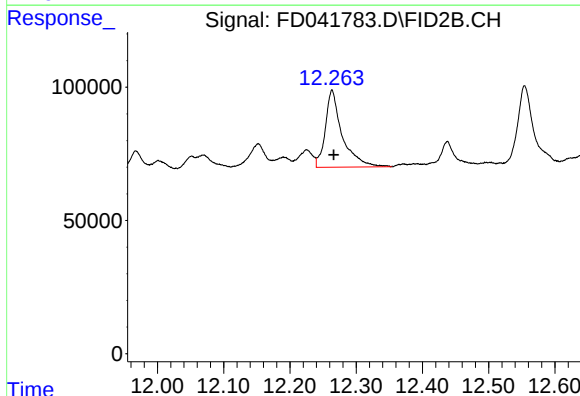
R.T.: 10.556 min
Delta R.T.: 0.015 min
Response: 175038
Conc: 0.96 ug/ml

Instrument :
FID_D
ClientSampleId :



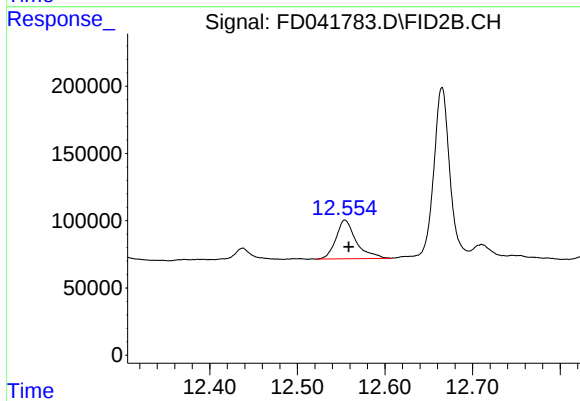
#11 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.002 min
Response: 5486052
Conc: 28.22 ug/ml



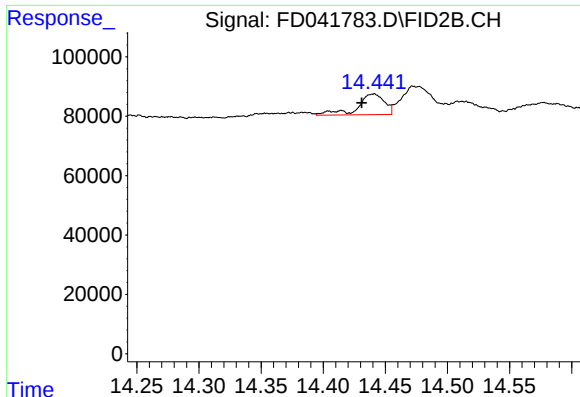
#12 Fluoranthene (C21.85)

R.T.: 12.264 min
Delta R.T.: -0.003 min
Response: 511070
Conc: 2.89 ug/ml



#13 Pyrene (C20.8)

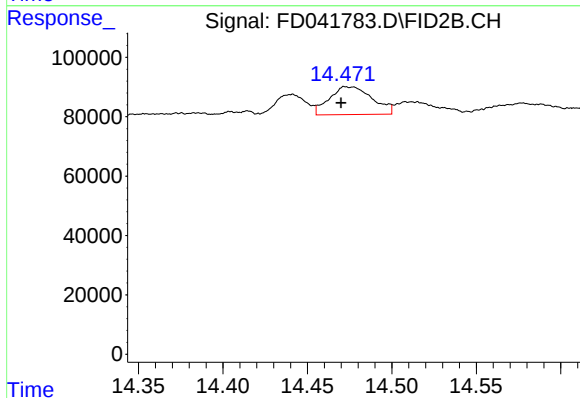
R.T.: 12.555 min
Delta R.T.: -0.004 min
Response: 461133
Conc: 2.73 ug/ml



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

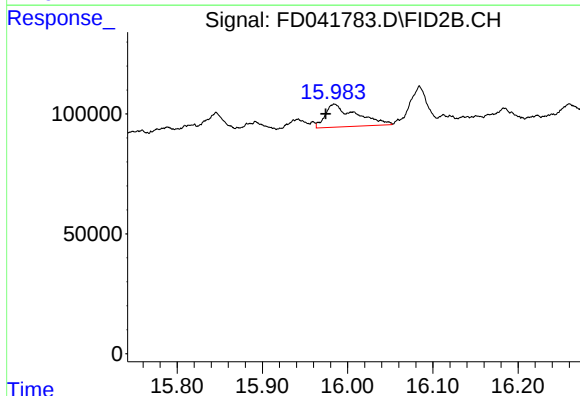
R.T.: 14.440 min
Delta R.T.: 0.009 min
Response: 104512
Conc: 0.70 ug/ml

Instrument :
FID_D
ClientSampleId :



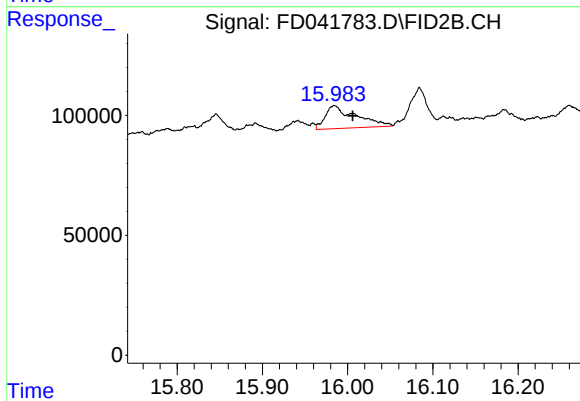
#15 Chrysene (C27.41)

R.T.: 14.475 min
Delta R.T.: 0.005 min
Response: 165592
Conc: 0.92 ug/ml



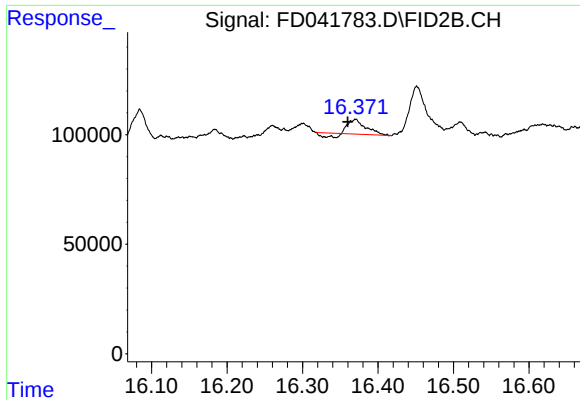
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.985 min
Delta R.T.: 0.010 min
Response: 240307
Conc: 1.62 ug/ml



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

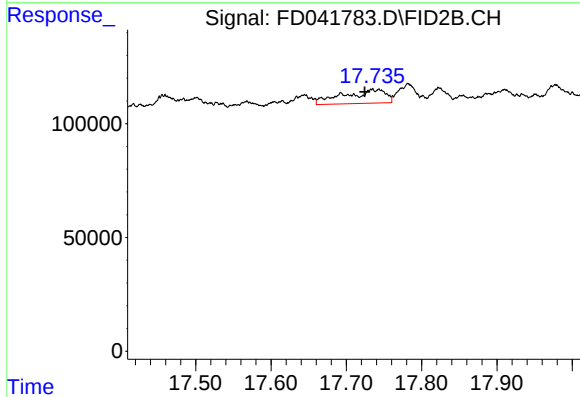
R.T.: 15.985 min
Delta R.T.: -0.022 min
Response: 240307
Conc: 1.45 ug/ml



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

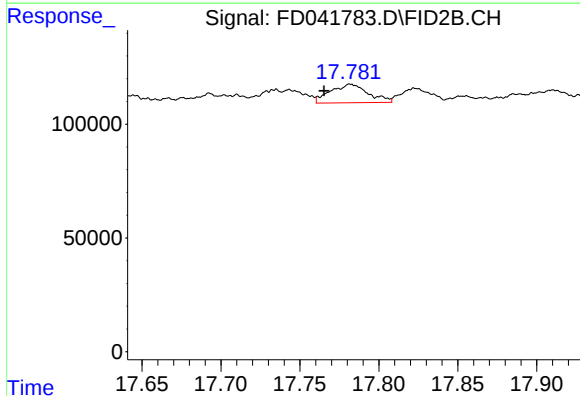
R.T.: 16.369 min
Delta R.T.: 0.009 min
Response: 83094
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



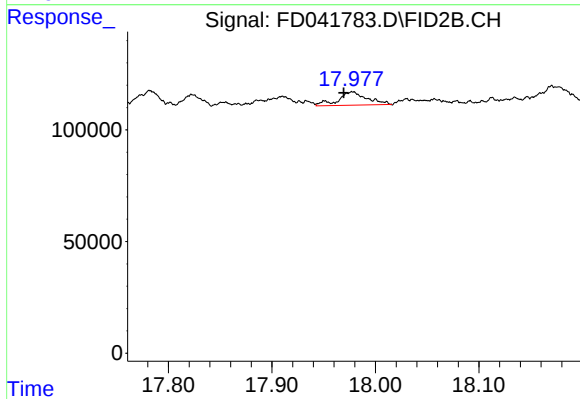
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: 0.010 min
Response: 233486
Conc: 2.12 ug/ml



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

R.T.: 17.783 min
Delta R.T.: 0.017 min
Response: 135585
Conc: 0.94 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.008 min
Response: 114814
Conc: 0.87 ug/ml