

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041784.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 18:14
 Operator : UA/NP
 Sample : N2142-01D
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:21:25 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	5342783	33.311 ug/ml
Spiked Amount 50.000		Recovery =	66.62%
6) S 2-Fluorobiphenyl (SURR)	8.197	3234167	32.729 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	65.46%
11) S ortho-Terphenyl (SURR)	11.228	5573874	28.673 ug/ml
Spiked Amount 50.000		Recovery =	57.35%
Target Compounds			
7) T Acenaphthene (C15.5)	8.254	271003	1.412 ug/ml
9) T Phenanthrene (C19.36)	10.463	433949	2.488 ug/ml
10) T Anthracene (C19.43)	10.552	198649	1.091 ug/ml
12) T Fluoranthene (C21.85)	12.262	519552	2.943 ug/ml
13) T Pyrene (C20.8)	12.553	464701	2.749 ug/ml
14) T Benzo[a]anthracene (C...	14.438	108143	0.723 ug/ml
15) T Chrysene (C27.41)	14.474	181264	1.007 ug/ml
16) T benzo[b]fluoranthene ...	15.983	242878	1.638 ug/ml
17) T Bnezo[k]fluoranthene ...	15.983	242878	1.470 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	97165	0.691 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	124407	1.130 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	154918	1.070 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	131715	0.992 ug/ml

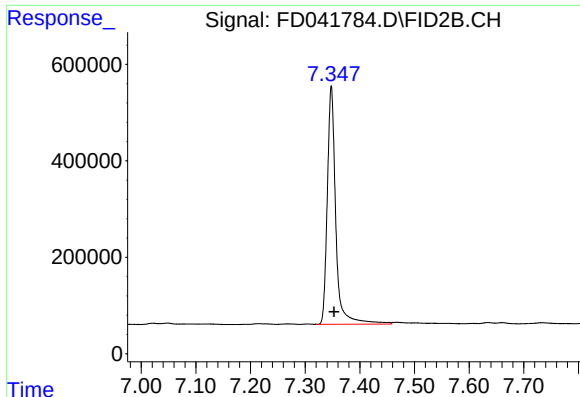
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
ClientSampleId :

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

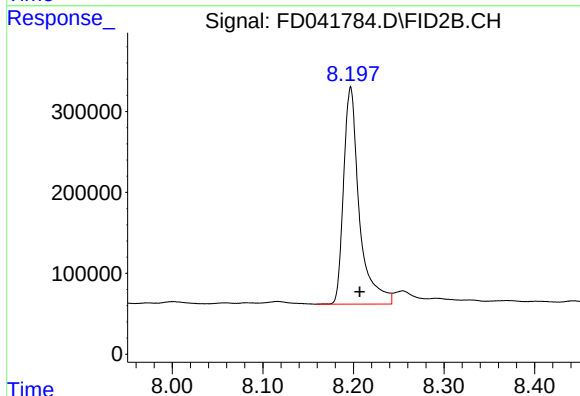




#4 2-Bromonaphthalene (SURRE)

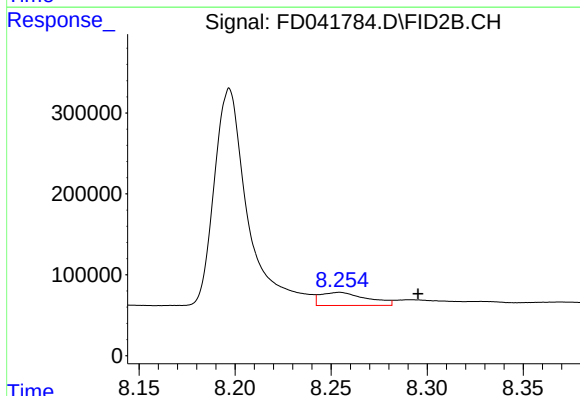
R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 5342783
Conc: 33.31 ug/ml

Instrument :
FID_D
ClientSampleId :



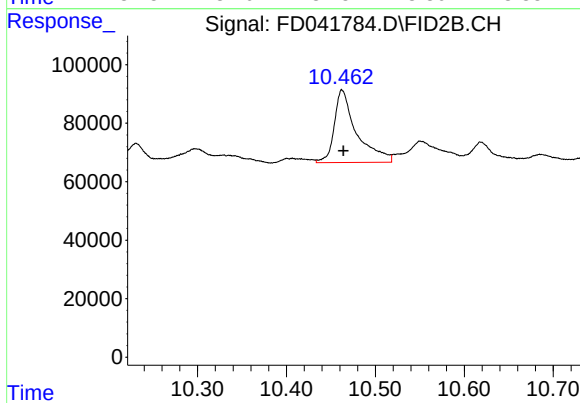
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 3234167
Conc: 32.73 ug/ml



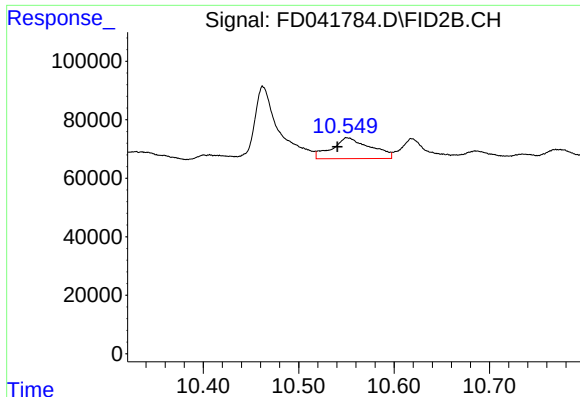
#7 Acenaphthene (C15.5)

R.T.: 8.254 min
Delta R.T.: -0.041 min
Response: 271003
Conc: 1.41 ug/ml



#9 Phenanthrene (C19.36)

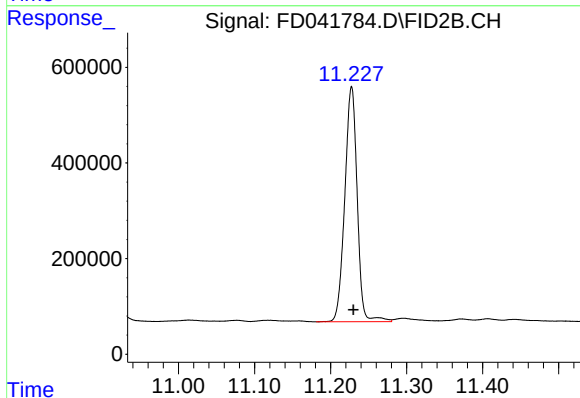
R.T.: 10.463 min
Delta R.T.: -0.001 min
Response: 433949
Conc: 2.49 ug/ml



#10 Anthracene (C19.43)

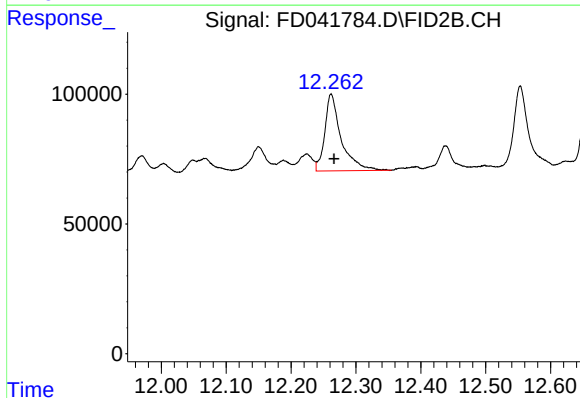
R.T.: 10.552 min
Delta R.T.: 0.011 min
Response: 198649
Conc: 1.09 ug/ml

Instrument :
FID_D
ClientSampleId :



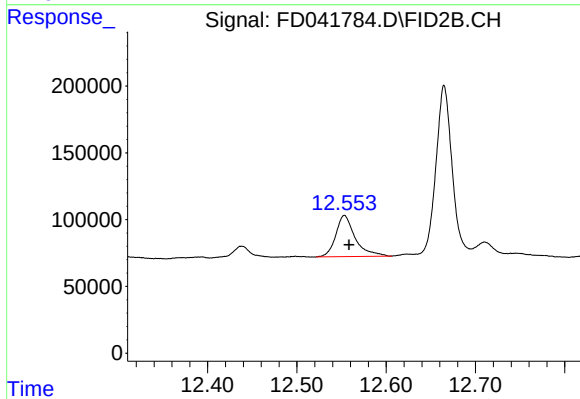
#11 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.002 min
Response: 5573874
Conc: 28.67 ug/ml



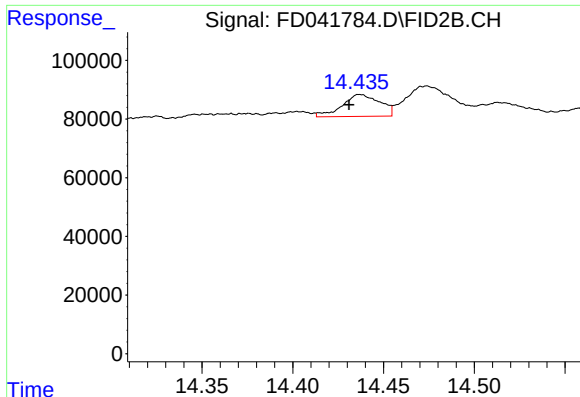
#12 Fluoranthene (C21.85)

R.T.: 12.262 min
Delta R.T.: -0.004 min
Response: 519552
Conc: 2.94 ug/ml



#13 Pyrene (C20.8)

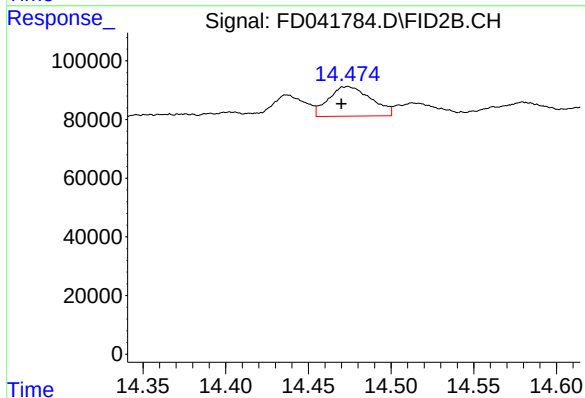
R.T.: 12.553 min
Delta R.T.: -0.005 min
Response: 464701
Conc: 2.75 ug/ml



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

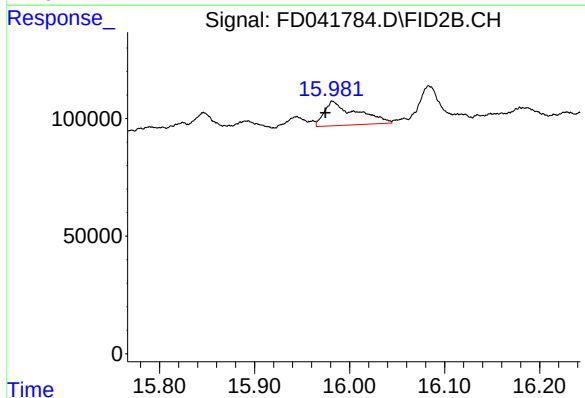
R.T.: 14.438 min
Delta R.T.: 0.007 min
Response: 108143
Conc: 0.72 ug/ml

Instrument :
FID_D
ClientSampleId :



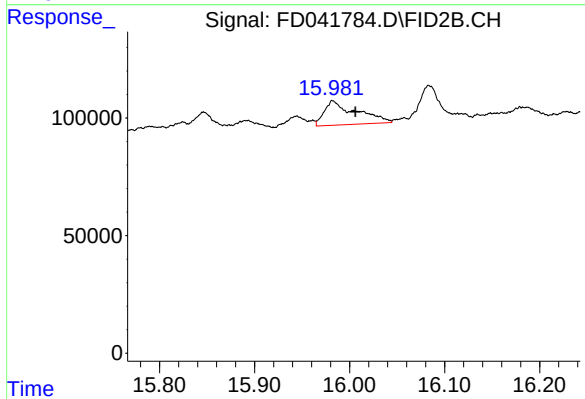
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: 0.004 min
Response: 181264
Conc: 1.01 ug/ml



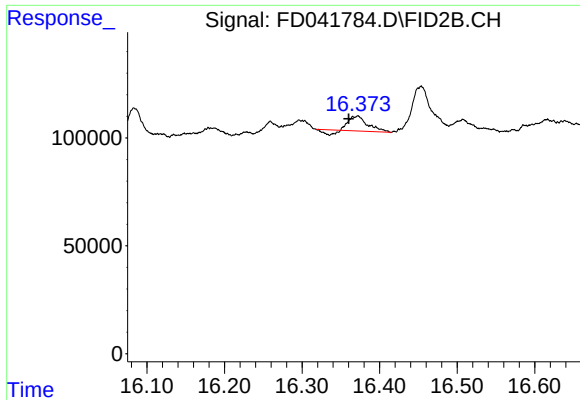
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.983 min
Delta R.T.: 0.008 min
Response: 242878
Conc: 1.64 ug/ml



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

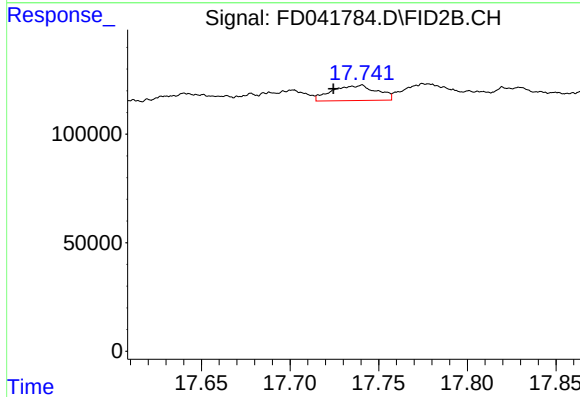
R.T.: 15.983 min
Delta R.T.: -0.023 min
Response: 242878
Conc: 1.47 ug/ml



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

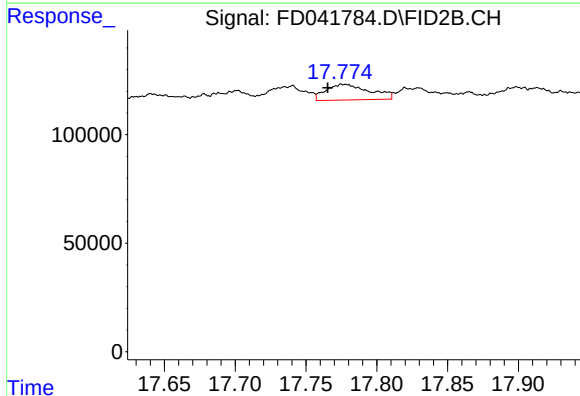
R.T.: 16.371 min
Delta R.T.: 0.011 min
Response: 97165
Conc: 0.69 ug/ml

Instrument :
FID_D
ClientSampleId :



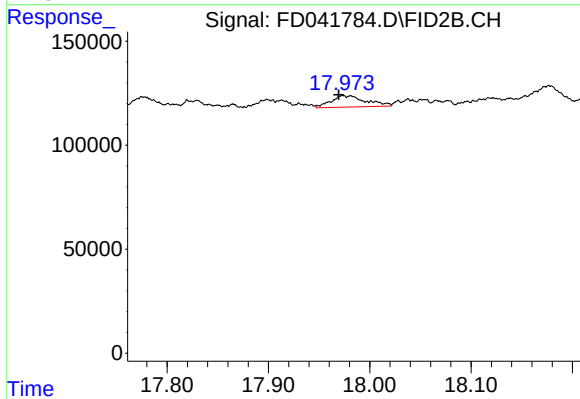
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min
Delta R.T.: 0.014 min
Response: 124407
Conc: 1.13 ug/ml



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

R.T.: 17.777 min
Delta R.T.: 0.012 min
Response: 154918
Conc: 1.07 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.005 min
Response: 131715
Conc: 0.99 ug/ml