

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031622AR\
 Data File : FD041614.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2022 21:53
 Operator : UA/NP
 Sample : N1956-02
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 17 22:39:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.355	7516454	46.520 ug/ml
Spiked Amount 50.000		Recovery =	93.04%
6) S 2-Fluorobiphenyl (SURR)	8.203	4699821	45.149 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.30%
11) S ortho-Terphenyl (SURR)	11.235	6011567	34.273 ug/ml
Spiked Amount 50.000		Recovery =	68.55%
Target Compounds			
7) T Acenaphthene (C15.5)	8.301	145519	0.761 ug/ml
9) T Phenanthrene (C19.36)	10.469	457833	2.787 ug/ml
10) T Anthracene (C19.43)	10.561	102934	0.644 ug/ml
12) T Fluoranthene (C21.85)	12.268	537775	3.201 ug/ml
13) T Pyrene (C20.8)	12.560	417737	2.492 ug/ml
14) T Benzo[a]anthracene (C...	14.439	153021	1.054 ug/ml
15) T Chrysene (C27.41)	14.475	224813	1.365 ug/ml
16) T benzo[b]fluoranthene ...	15.983	465525	3.411 ug/ml
17) T Bnezo[k]fluoranthene ...	15.983	465525	3.155 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	176222	1.340 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	198669	1.585 ug/ml
20) T Dibenz[a,h]anthracene...	17.735	198669	1.405 ug/ml
21) T Benzo[g,h,i]perylene ...	17.974	241490	1.865 ug/ml

(f)=RT Delta > 1/2 Window

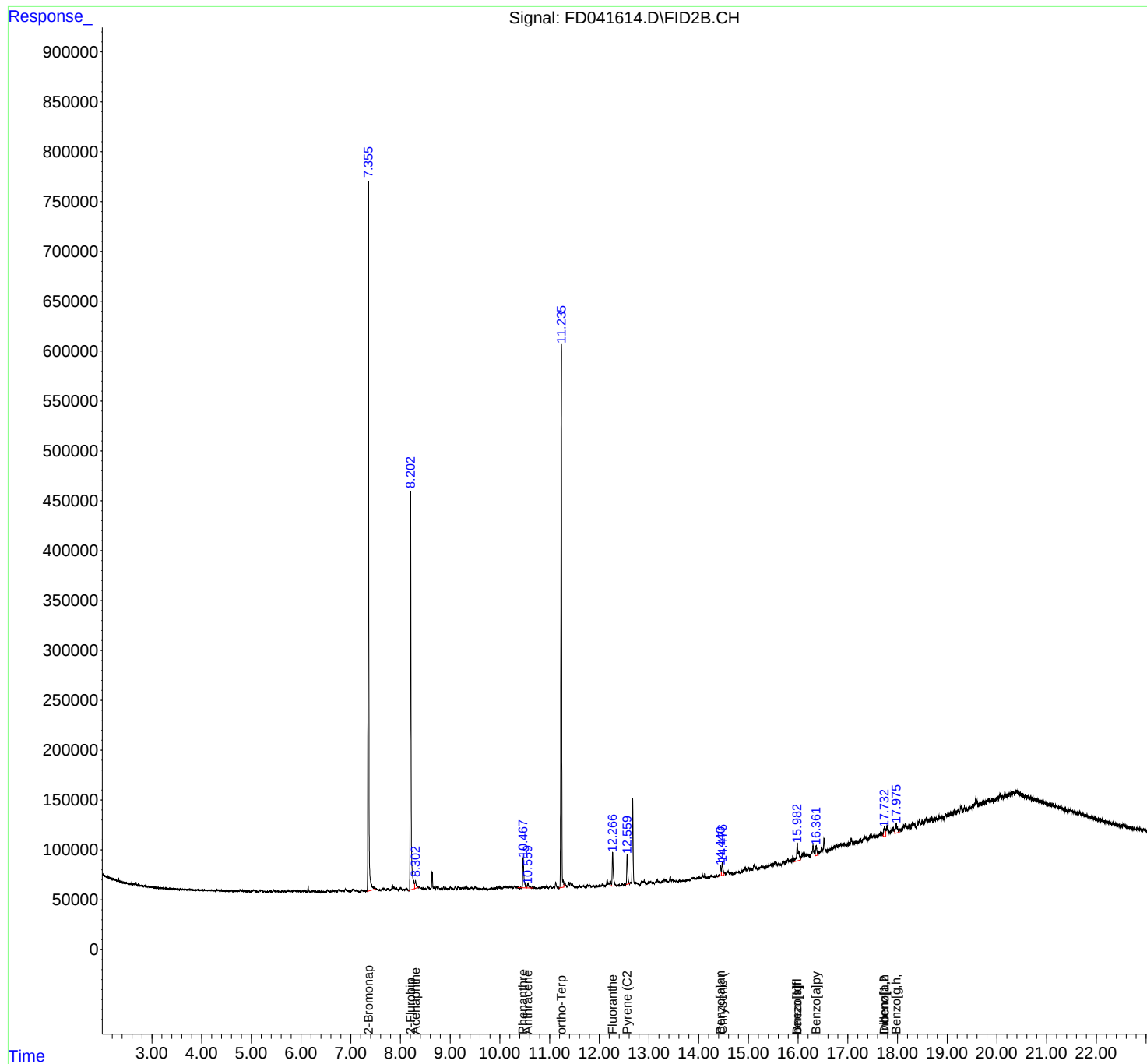
(m)=manual int.

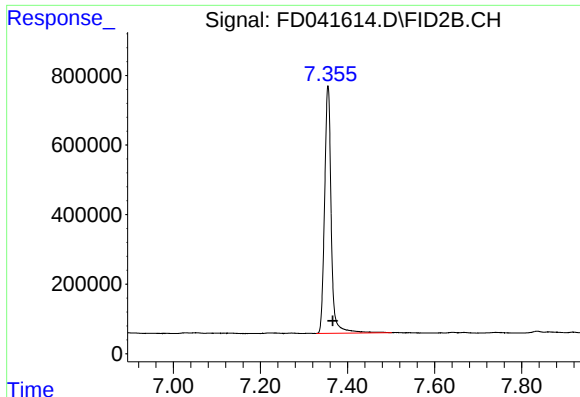
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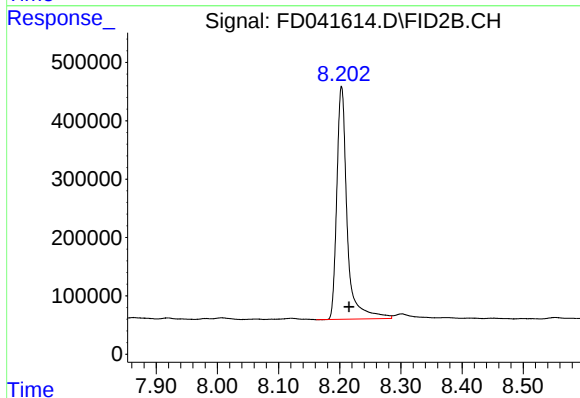




#4 2-Bromonaphthalene (SURRE)

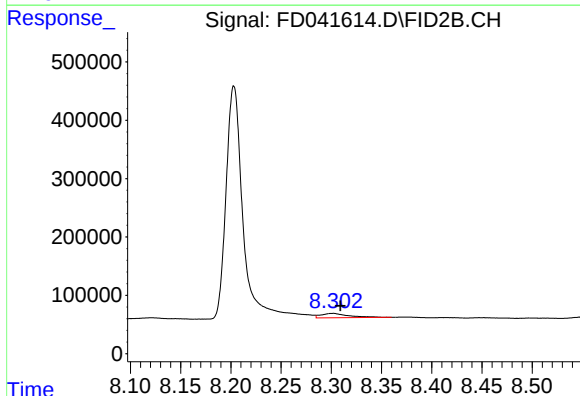
R.T.: 7.355 min
Delta R.T.: -0.011 min
Response: 7516454
Conc: 46.52 ug/ml

Instrument :
FID_D
ClientSampleId :



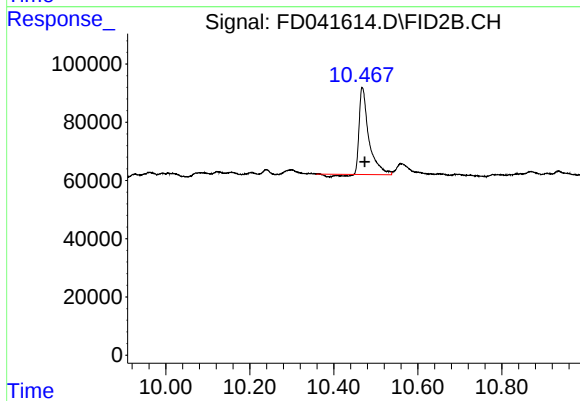
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.203 min
Delta R.T.: -0.012 min
Response: 4699821
Conc: 45.15 ug/ml



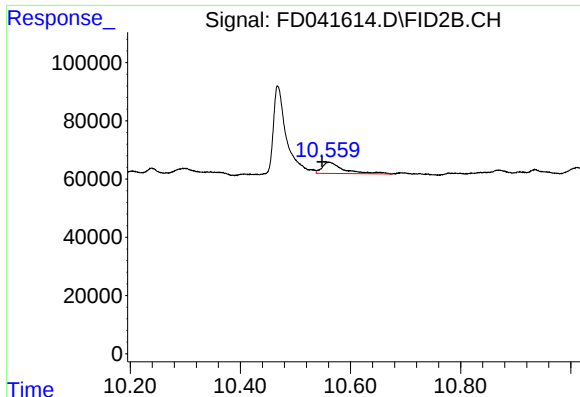
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: -0.008 min
Response: 145519
Conc: 0.76 ug/ml



#9 Phenanthrene (C19.36)

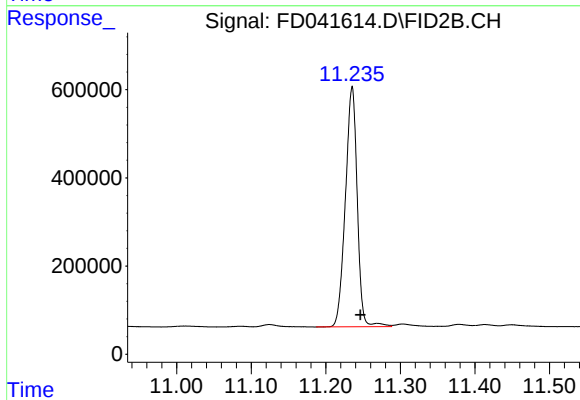
R.T.: 10.469 min
Delta R.T.: -0.005 min
Response: 457833
Conc: 2.79 ug/ml



#10 Anthracene (C19.43)

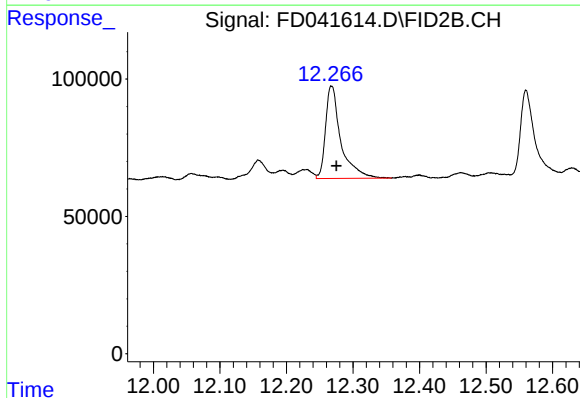
R.T.: 10.561 min
Delta R.T.: 0.012 min
Response: 102934
Conc: 0.64 ug/ml

Instrument :
FID_D
ClientSampleId :



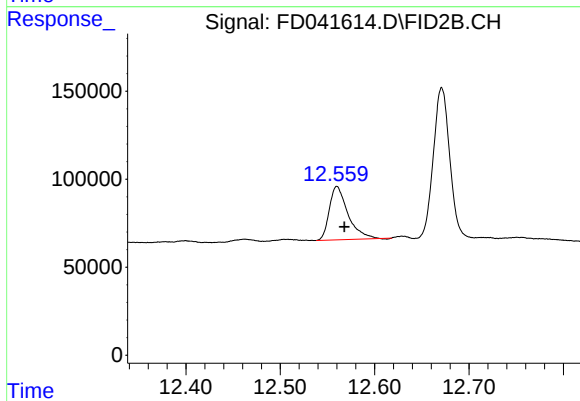
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: -0.011 min
Response: 6011567
Conc: 34.27 ug/ml



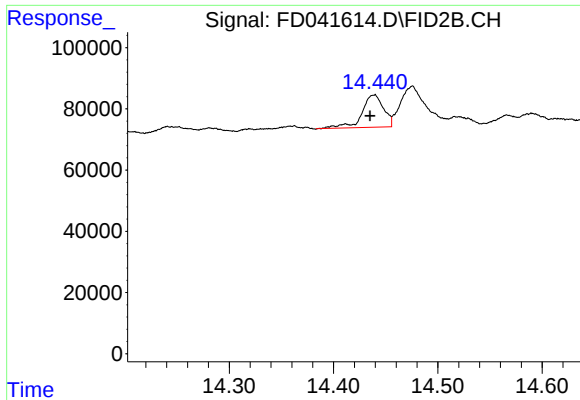
#12 Fluoranthene (C21.85)

R.T.: 12.268 min
Delta R.T.: -0.007 min
Response: 537775
Conc: 3.20 ug/ml



#13 Pyrene (C20.8)

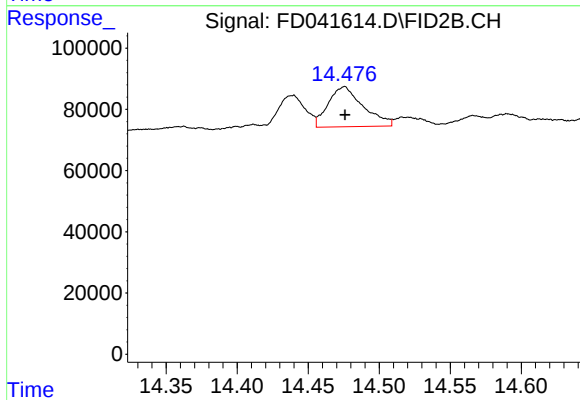
R.T.: 12.560 min
Delta R.T.: -0.008 min
Response: 417737
Conc: 2.49 ug/ml



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

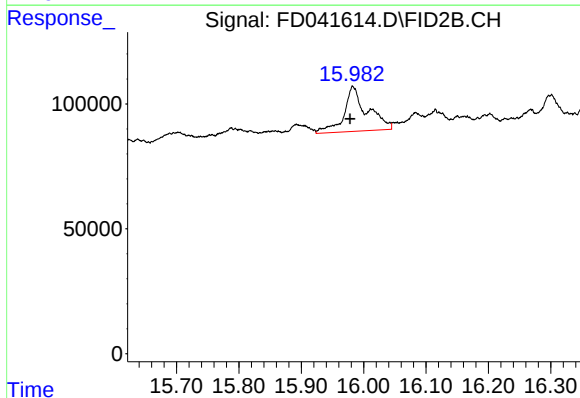
R.T.: 14.439 min
Delta R.T.: 0.003 min
Response: 153021
Conc: 1.05 ug/ml

Instrument :
FID_D
ClientSampleId :



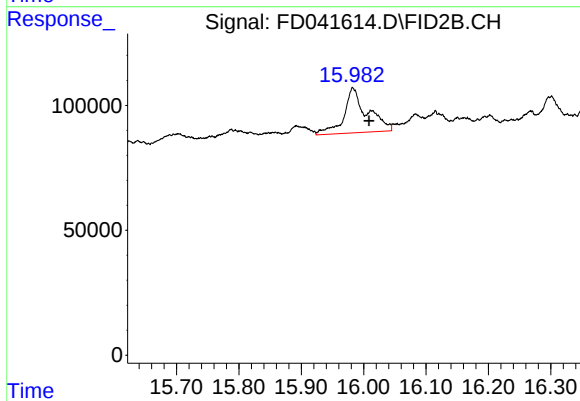
#15 Chrysene (C27.41)

R.T.: 14.475 min
Delta R.T.: 0.000 min
Response: 224813
Conc: 1.37 ug/ml



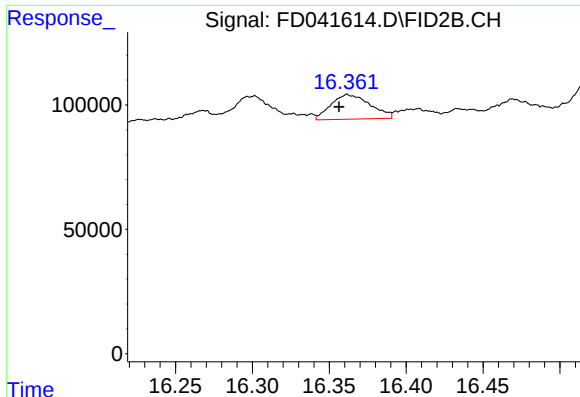
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.983 min
Delta R.T.: 0.005 min
Response: 465525
Conc: 3.41 ug/ml



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

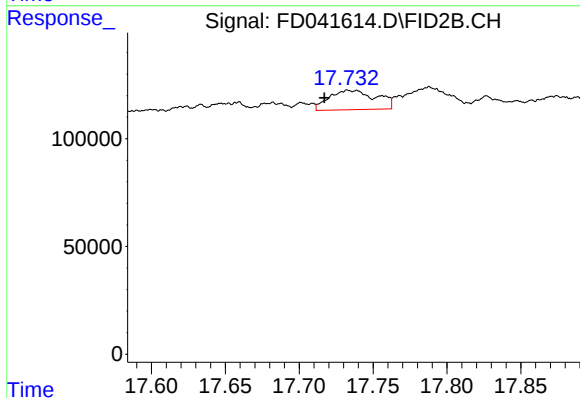
R.T.: 15.983 min
Delta R.T.: -0.025 min
Response: 465525
Conc: 3.15 ug/ml



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

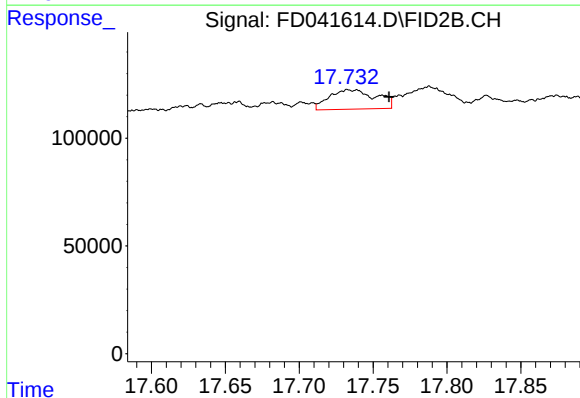
R.T.: 16.363 min
Delta R.T.: 0.006 min
Response: 176222
Conc: 1.34 ug/ml

Instrument :
FID_D
ClientSampleId :



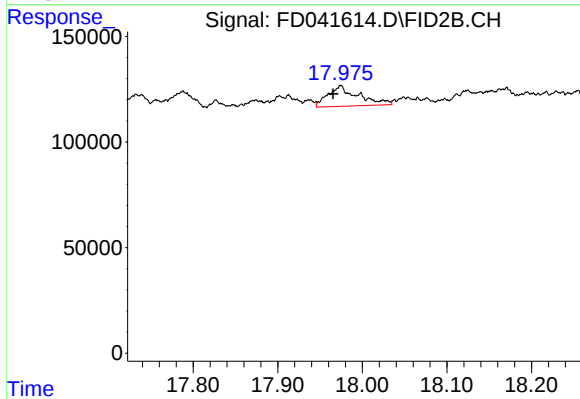
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: 0.018 min
Response: 198669
Conc: 1.58 ug/ml



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

R.T.: 17.735 min
Delta R.T.: -0.026 min
Response: 198669
Conc: 1.41 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.009 min
Response: 241490
Conc: 1.87 ug/ml