

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040921AR\
 Data File : FD036841.D
 Signal(s) : FID2B.CH
 Acq On : 10 Apr 2021 6:56
 Operator : DD\AJ
 Sample : M1967-05
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 12 01:10:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.593	7296342	51.878 ug/ml
Spiked Amount 50.000		Recovery =	103.76%
6) S 2-Fluorobiphenyl (SURR)	8.454	4613857	49.152 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.30%
11) S ortho-Terphenyl (SURR)	11.492	4450964	29.143 ug/ml
Spiked Amount 50.000		Recovery =	58.29%
Target Compounds			
9) T Phenanthrene (C19.36)	10.721	142796	0.974 ug/ml
12) T Fluoranthene (C21.85)	12.529	370559	2.639 ug/ml
13) T Pyrene (C20.8)	12.825	276606	2.016 ug/ml
14) T Benzo[a]anthracene (C...	14.693	174634	1.470 ug/ml
15) T Chrysene (C27.41)	14.733	150587	1.245 ug/ml
16) T benzo[b]fluoranthene ...	16.241	144358	1.316 ug/ml
17) T Bnezo[k]fluoranthene ...	16.241	144358	1.358 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.618	182888	1.835 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.977	165971	1.651 ug/ml
20) T Dibenz[a,h]anthracene...	17.977	165971	1.646 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	114245	1.128 ug/ml

(f)=RT Delta > 1/2 Window

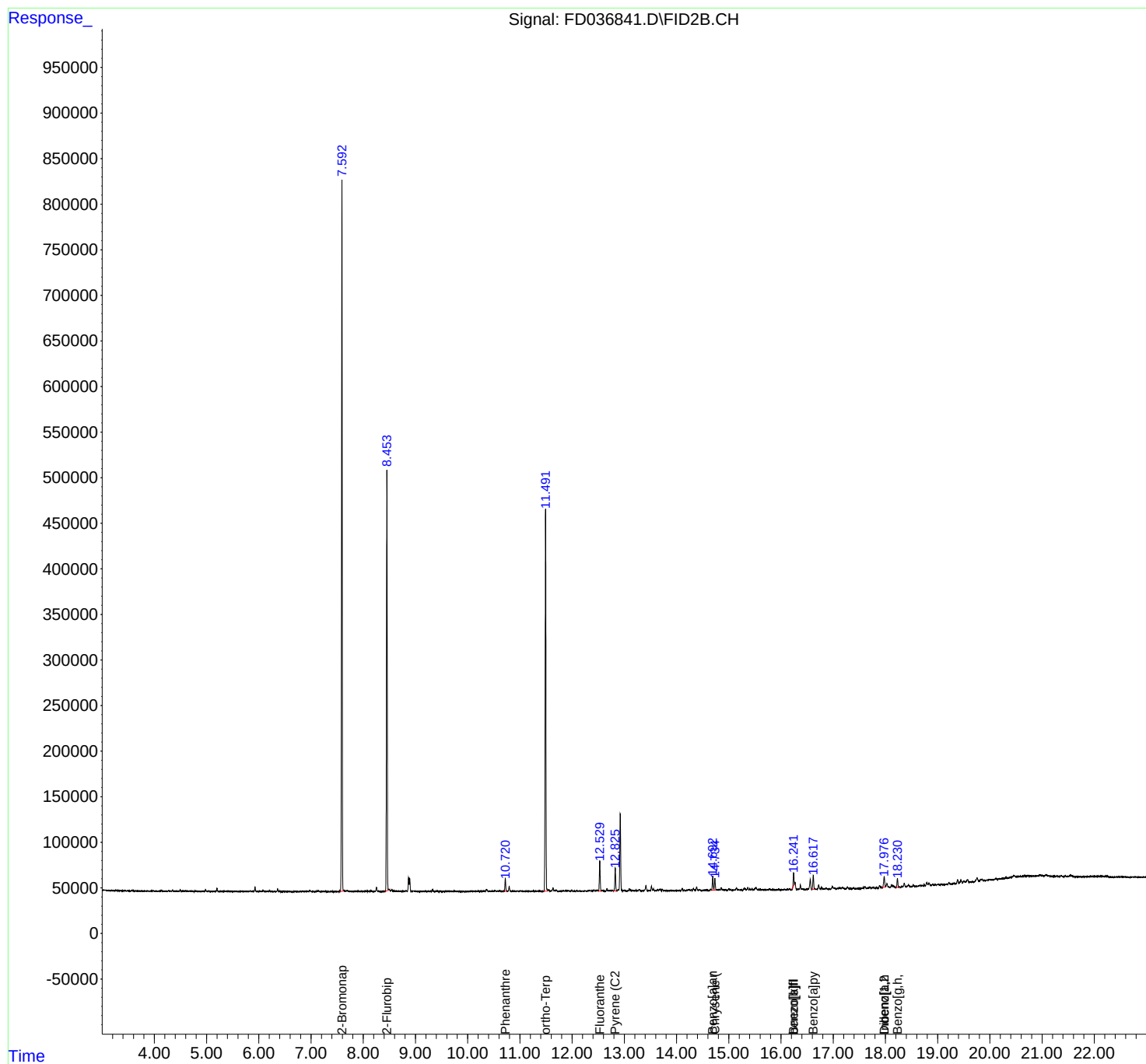
(m)=manual int.

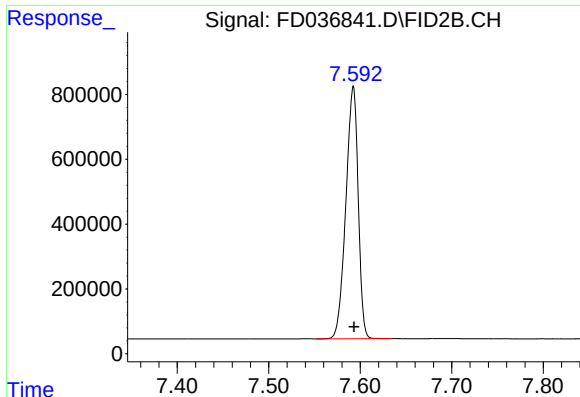
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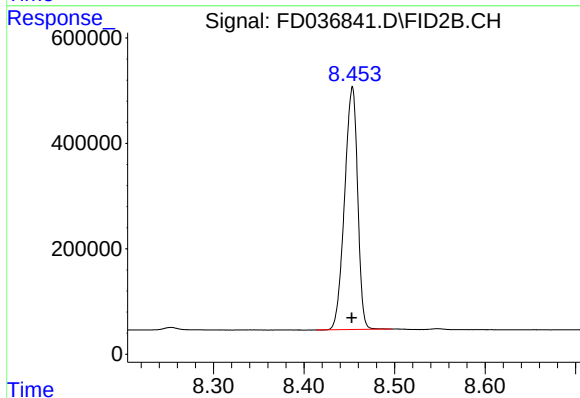




#4 2-Bromonaphthalene (SURRE)

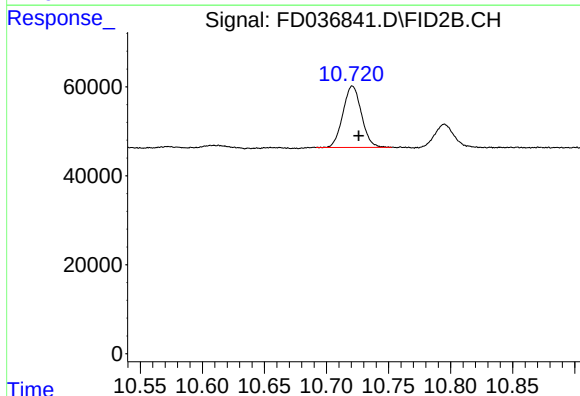
R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 7296342
Conc: 51.88 ug/ml

Instrument :
FID_D
ClientSampleId :



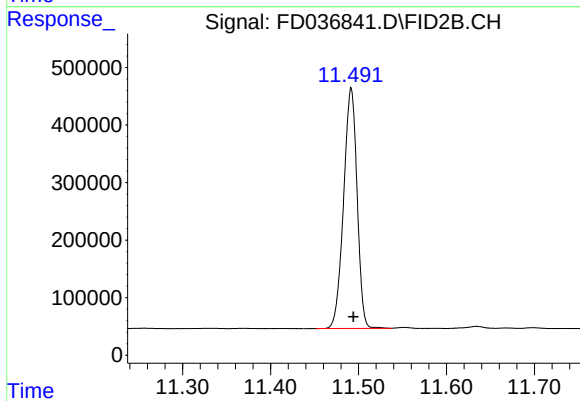
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 4613857
Conc: 49.15 ug/ml



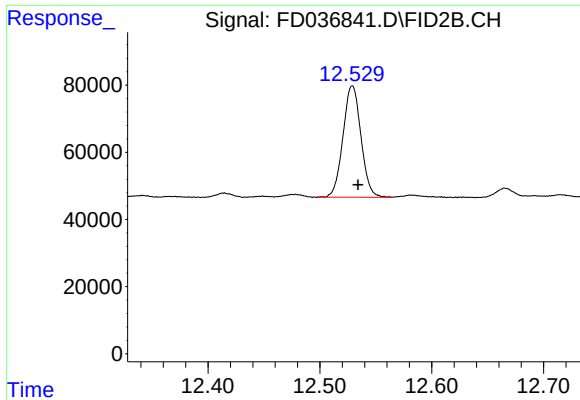
#9 Phenanthrene (C19.36)

R.T.: 10.721 min
Delta R.T.: -0.005 min
Response: 142796
Conc: 0.97 ug/ml



#11 ortho-Terphenyl (SURRE)

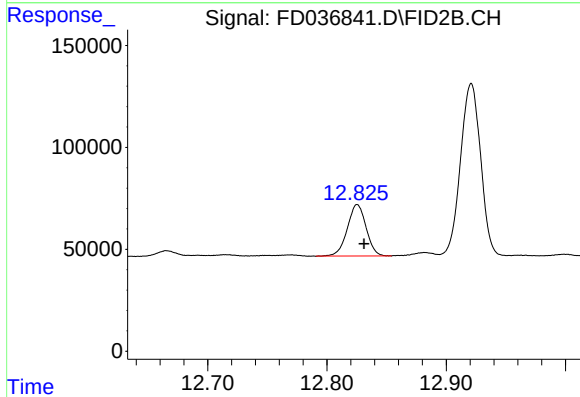
R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 4450964
Conc: 29.14 ug/ml



#12 Fluoranthene (C21.85)

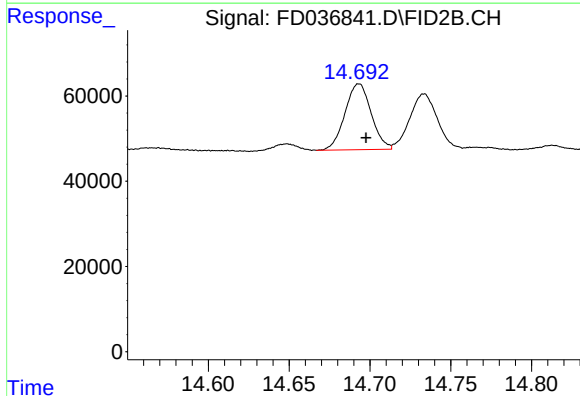
R.T.: 12.529 min
Delta R.T.: -0.005 min
Response: 370559
Conc: 2.64 ug/ml

Instrument :
FID_D
ClientSampleId :



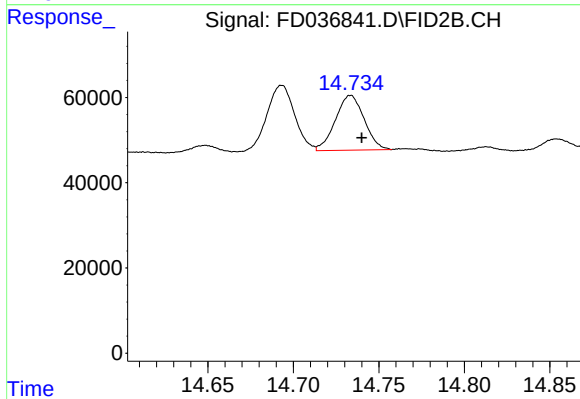
#13 Pyrene (C20.8)

R.T.: 12.825 min
Delta R.T.: -0.006 min
Response: 276606
Conc: 2.02 ug/ml



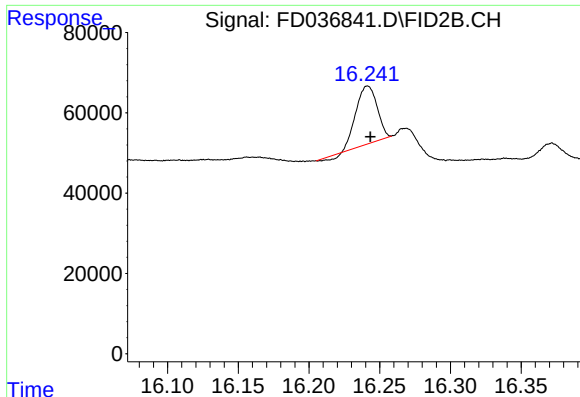
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.693 min
Delta R.T.: -0.004 min
Response: 174634
Conc: 1.47 ug/ml



#15 Chrysene (C27.41)

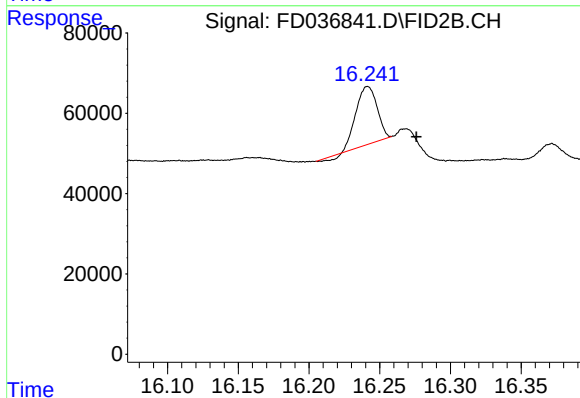
R.T.: 14.733 min
Delta R.T.: -0.007 min
Response: 150587
Conc: 1.25 ug/ml



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

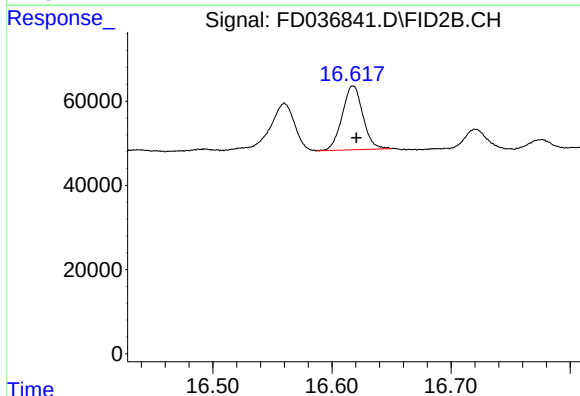
R.T.: 16.241 min
Delta R.T.: -0.002 min
Response: 144358
Conc: 1.32 ug/ml

Instrument :
FID_D
ClientSampleId :



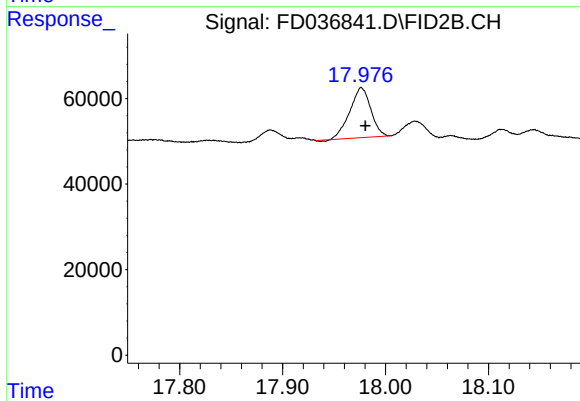
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.241 min
Delta R.T.: -0.034 min
Response: 144358
Conc: 1.36 ug/ml



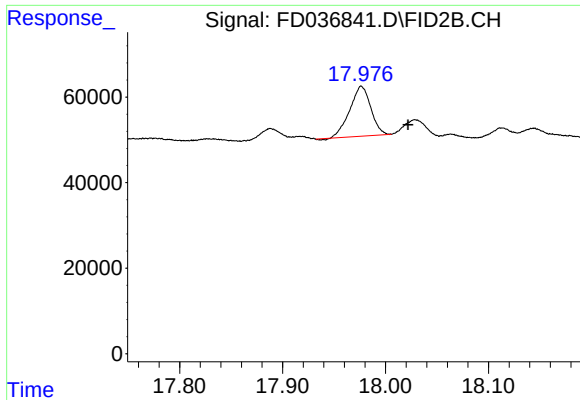
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.618 min
Delta R.T.: -0.003 min
Response: 182888
Conc: 1.84 ug/ml



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

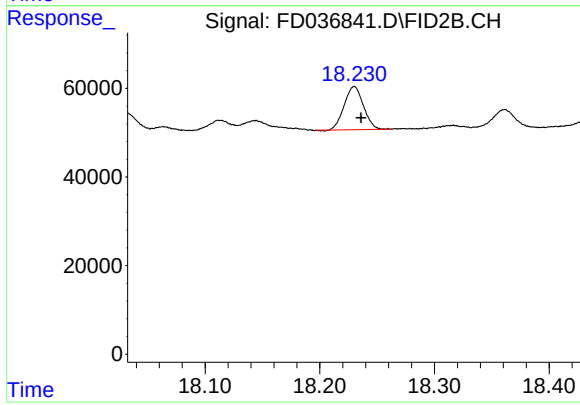
R.T.: 17.977 min
Delta R.T.: -0.004 min
Response: 165971
Conc: 1.65 ug/ml



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

R.T.: 17.977 min
Delta R.T.: -0.045 min
Response: 165971
Conc: 1.65 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.230 min
Delta R.T.: -0.006 min
Response: 114245
Conc: 1.13 ug/ml