

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032621AR\  
 Data File : FD036605.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Mar 2021 15:25  
 Operator : DD\AJ  
 Sample : M1814-11  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 29 08:59:29 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...      | 7.594   | 7135148    | 50.732 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 101.46%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.453   | 4294135    | 45.746 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 91.49%       |
| 11) S ortho-Terphenyl (SURR)       | 11.494  | 5293636    | 34.660 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 69.32%       |
| Target Compounds                   |         |            |              |
| 9) T Phenanthrene (C19.36)         | 10.721  | 463122     | 3.160 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.795  | 73022      | 0.504 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.528  | 1030888    | 7.343 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.824  | 776670     | 5.661 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.690  | 377935     | 3.182 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.731  | 484166     | 4.004 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.237  | 566125     | 5.159 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.265  | 200483     | 1.886 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.612  | 376360     | 3.776 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.968  | 454559     | 4.522 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.968f | 454559     | 4.508 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.224  | 233252     | 2.302 ug/ml  |
| -----                              |         |            |              |

(f)=RT Delta > 1/2 Window

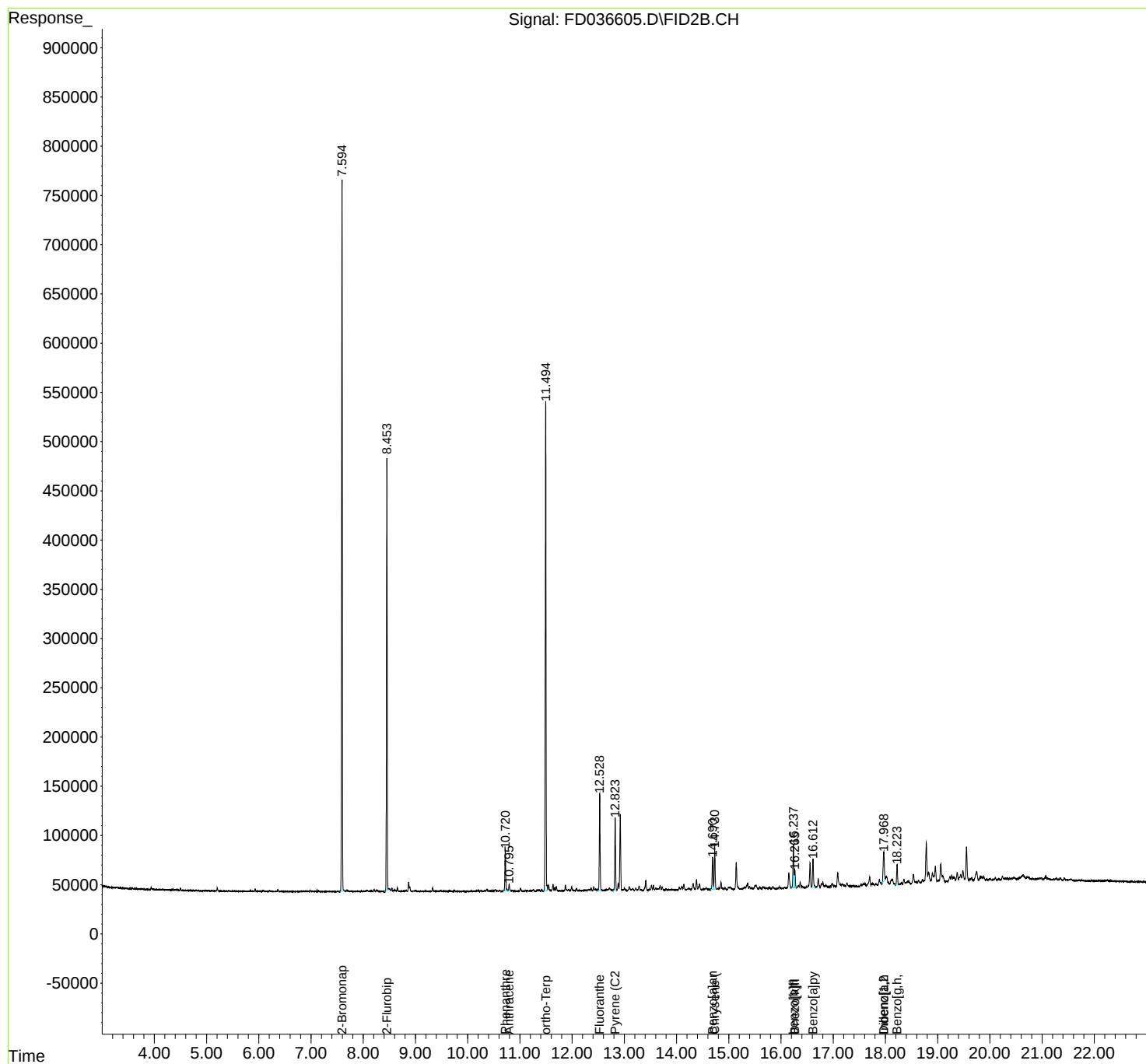
(m)=manual int.

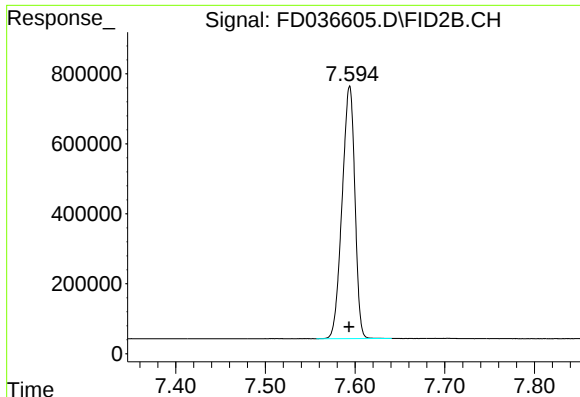
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

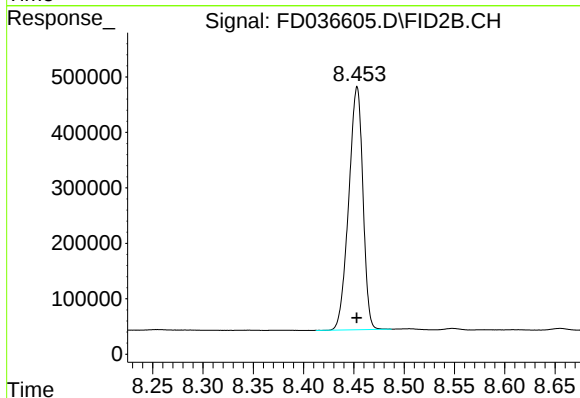




#4 2-Bromonaphthalene (SURRE)

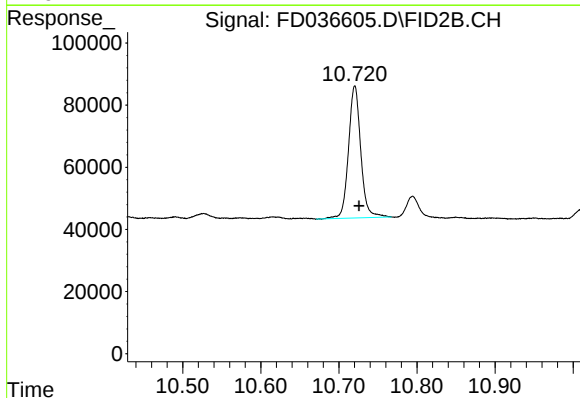
R.T.: 7.594 min  
Delta R.T.: 0.000 min  
Response: 7135148  
Conc: 50.73 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



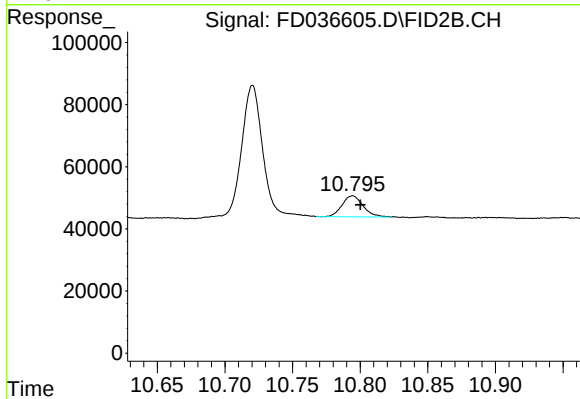
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.453 min  
Delta R.T.: 0.000 min  
Response: 4294135  
Conc: 45.75 ug/ml



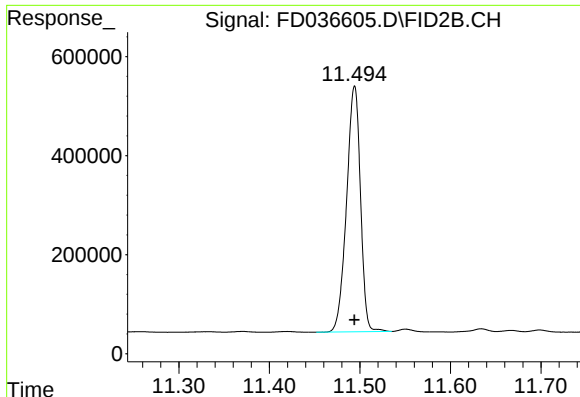
#9 Phenanthrene (C19.36)

R.T.: 10.721 min  
Delta R.T.: -0.005 min  
Response: 463122  
Conc: 3.16 ug/ml



#10 Anthracene (C19.43)

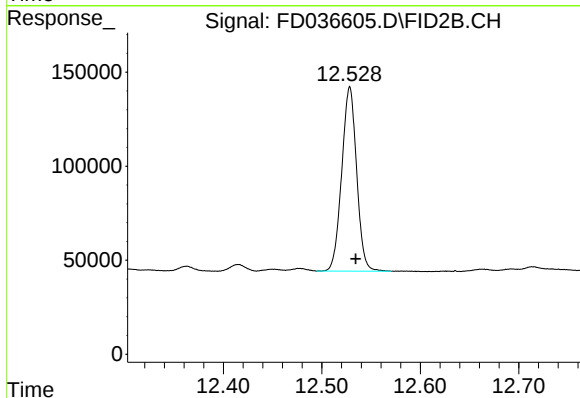
R.T.: 10.795 min  
Delta R.T.: -0.006 min  
Response: 73022  
Conc: 0.50 ug/ml



#11 ortho-Terphenyl (SURR)

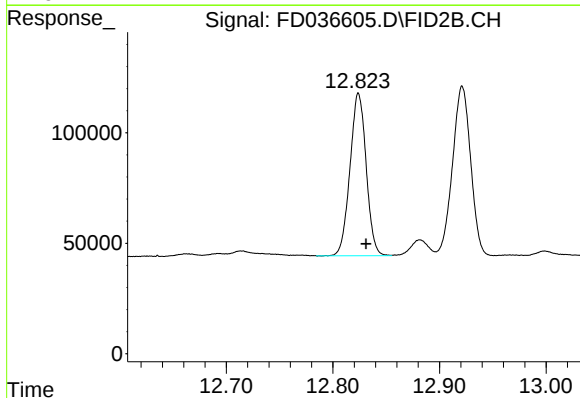
R.T.: 11.494 min  
Delta R.T.: 0.000 min  
Response: 5293636  
Conc: 34.66 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



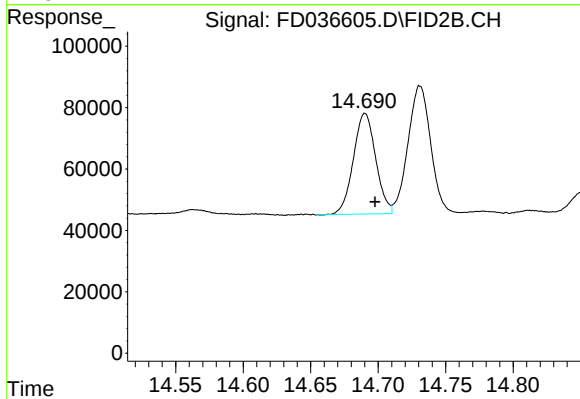
#12 Fluoranthene (C21.85)

R.T.: 12.528 min  
Delta R.T.: -0.006 min  
Response: 1030888  
Conc: 7.34 ug/ml



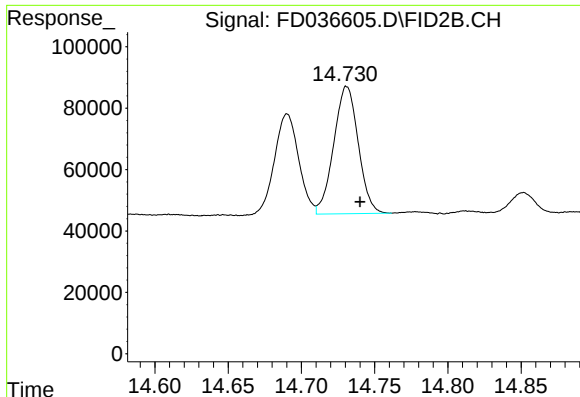
#13 Pyrene (C20.8)

R.T.: 12.824 min  
Delta R.T.: -0.007 min  
Response: 776670  
Conc: 5.66 ug/ml



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

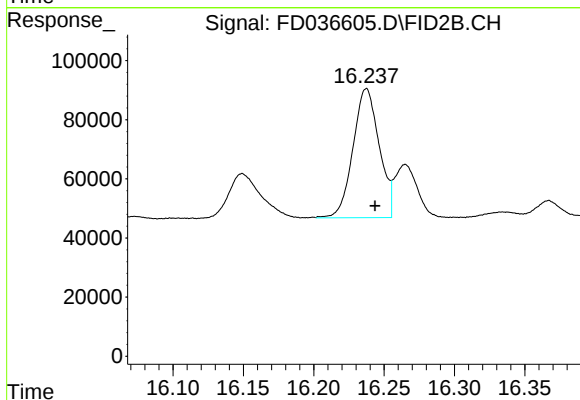
R.T.: 14.690 min  
Delta R.T.: -0.007 min  
Response: 377935  
Conc: 3.18 ug/ml



#15 Chrysene (C27.41)

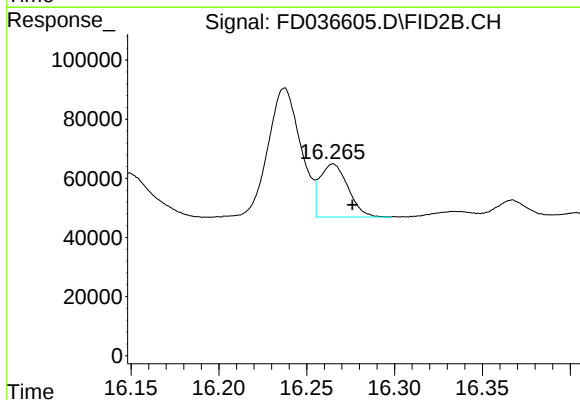
R.T.: 14.731 min  
Delta R.T.: -0.009 min  
Response: 484166  
Conc: 4.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



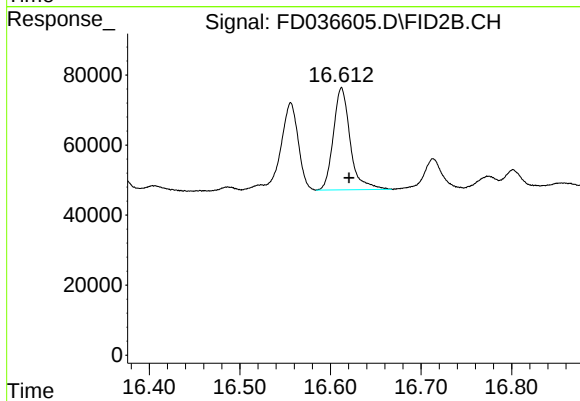
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.237 min  
Delta R.T.: -0.006 min  
Response: 566125  
Conc: 5.16 ug/ml



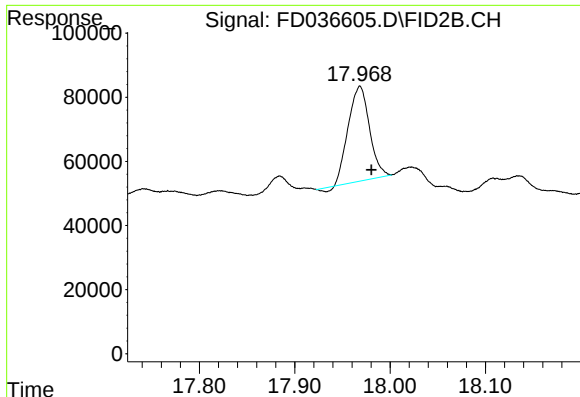
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.265 min  
Delta R.T.: -0.011 min  
Response: 200483  
Conc: 1.89 ug/ml



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

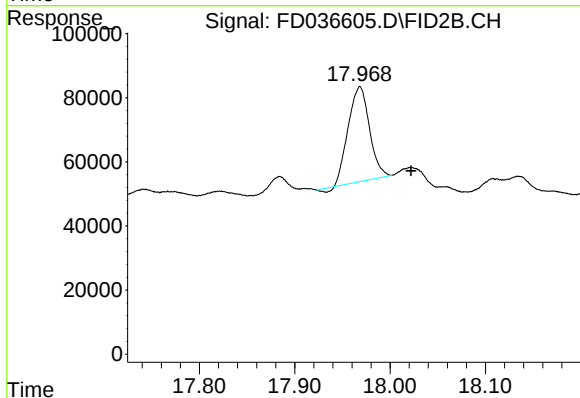
R.T.: 16.612 min  
Delta R.T.: -0.008 min  
Response: 376360  
Conc: 3.78 ug/ml



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

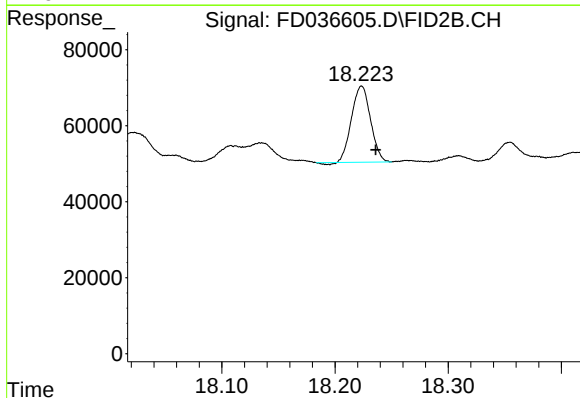
R.T.: 17.968 min  
Delta R.T.: -0.012 min  
Response: 454559  
Conc: 4.52 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



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

R.T.: 17.968 min  
Delta R.T.: -0.053 min  
Response: 454559  
Conc: 4.51 ug/ml



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

R.T.: 18.224 min  
Delta R.T.: -0.012 min  
Response: 233252  
Conc: 2.30 ug/ml