

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031219AR\  
 Data File : FD028231.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 Mar 2019 18:44  
 Operator : AJ\SJ  
 Sample : K1837-03  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 MR-MH-10-COMP

Integration File: autoint1.e  
 Quant Time: Mar 13 04:41:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 022819.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 01 04:06:35 2019  
 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...      | 7.314  | 1802488    | 17.078 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 34.16%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.162  | 1169992    | 16.598 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 33.20%       |
| 11) S ortho-Terphenyl (SURR)       | 11.196 | 1531830    | 13.361 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 26.72%       |
| Target Compounds                   |        |            |              |
| 9) T Phenanthrene (C19.36)         | 10.421 | 645562     | 5.777 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.220 | 1547465    | 14.261 ug/ml |
| 13) T Pyrene (C20.8)               | 12.511 | 1245348    | 11.867 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.377 | 648899     | 6.412 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.415 | 714739     | 6.932 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.921 | 825015     | 7.828 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 15.948 | 298527     | 2.772 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.293 | 657625     | 6.144 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.652 | 414999     | 4.055 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.901 | 403670     | 3.736 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

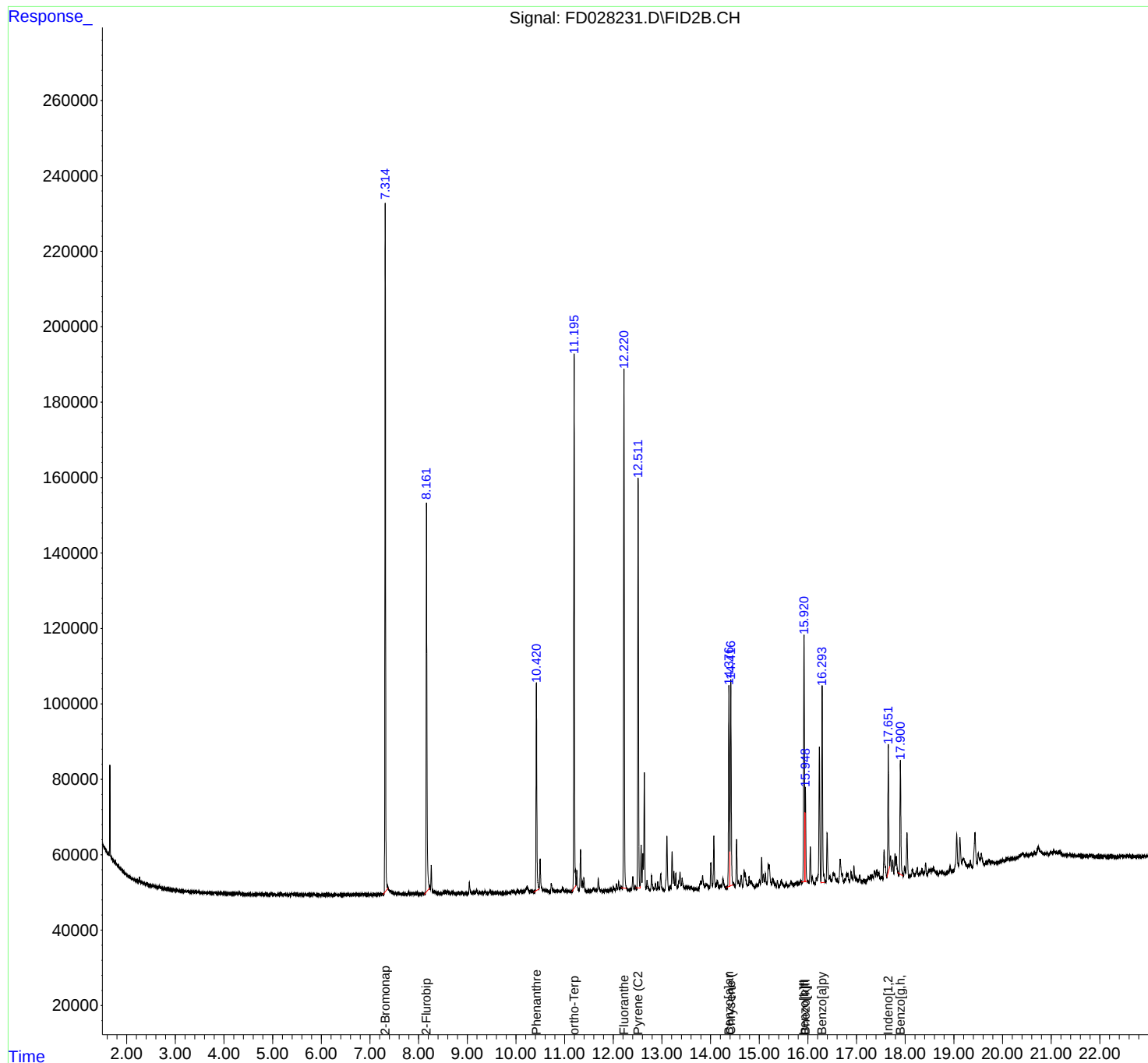
(m)=manual int.

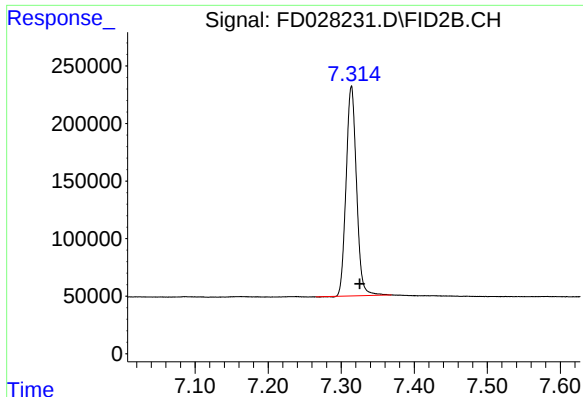
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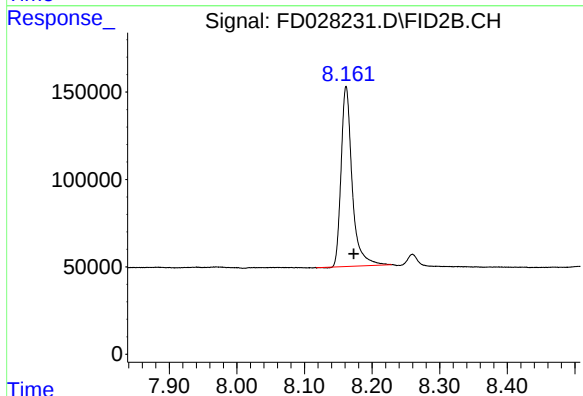




#4 2-Bromonaphthalene (SURRE)

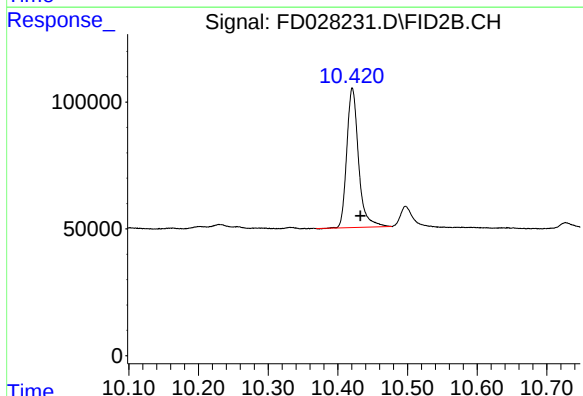
R.T.: 7.314 min  
Delta R.T.: -0.011 min  
Response: 1802488  
Conc: 17.08 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MR-MH-10-COMP



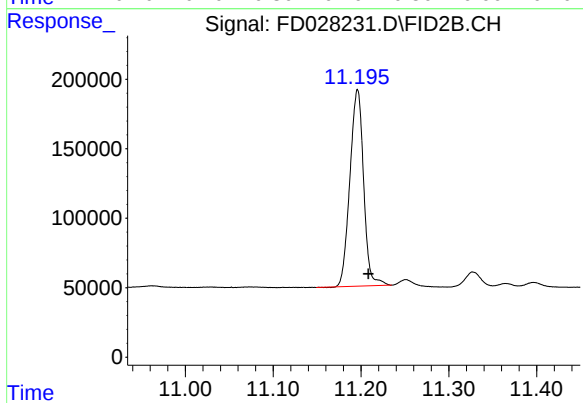
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.162 min  
Delta R.T.: -0.011 min  
Response: 1169992  
Conc: 16.60 ug/ml



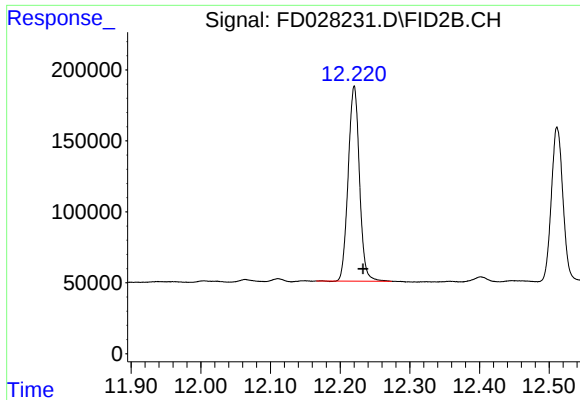
#9 Phenanthrene (C19.36)

R.T.: 10.421 min  
Delta R.T.: -0.011 min  
Response: 645562  
Conc: 5.78 ug/ml



#11 ortho-Terphenyl (SURRE)

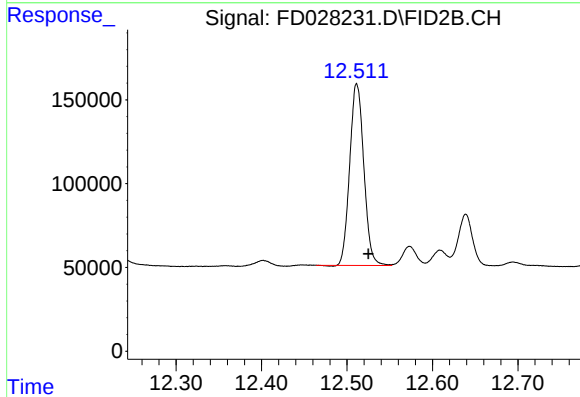
R.T.: 11.196 min  
Delta R.T.: -0.012 min  
Response: 1531830  
Conc: 13.36 ug/ml



#12 Fluoranthene (C21.85)

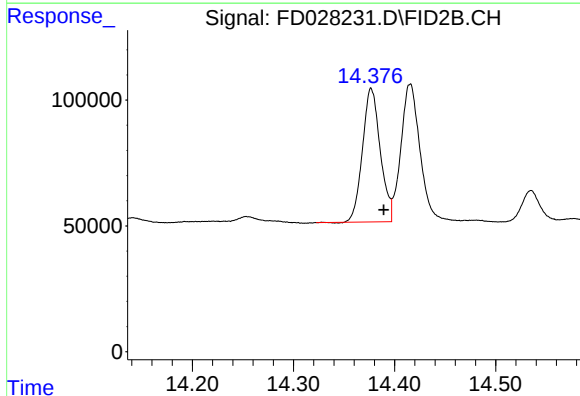
R.T.: 12.220 min  
Delta R.T.: -0.013 min  
Response: 1547465  
Conc: 14.26 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
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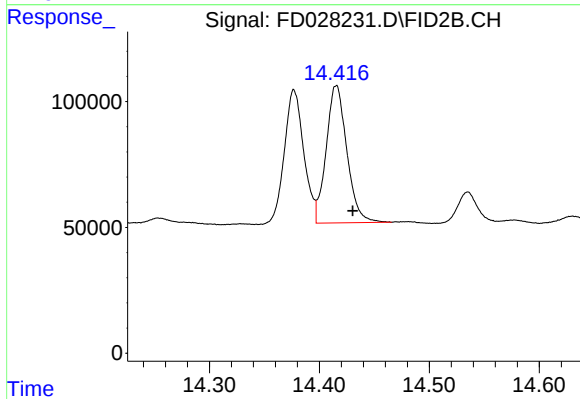
#13 Pyrene (C20.8)

R.T.: 12.511 min  
Delta R.T.: -0.014 min  
Response: 1245348  
Conc: 11.87 ug/ml



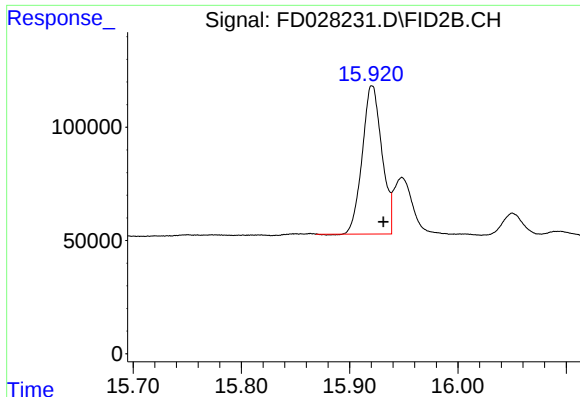
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.377 min  
Delta R.T.: -0.012 min  
Response: 648899  
Conc: 6.41 ug/ml



#15 Chrysene (C27.41)

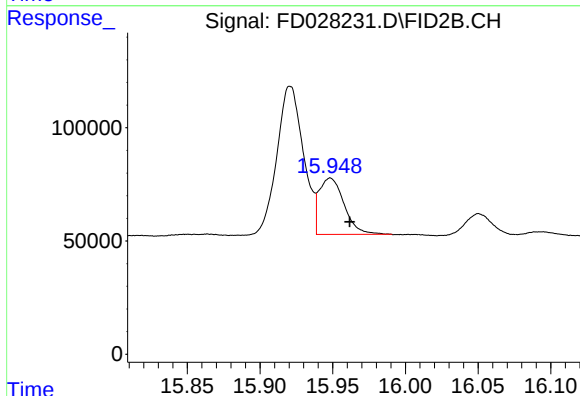
R.T.: 14.415 min  
Delta R.T.: -0.015 min  
Response: 714739  
Conc: 6.93 ug/ml



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

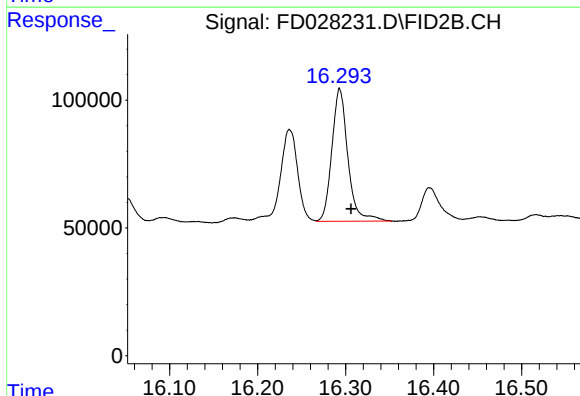
R.T.: 15.921 min  
Delta R.T.: -0.010 min  
Response: 825015  
Conc: 7.83 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MR-MH-10-COMP



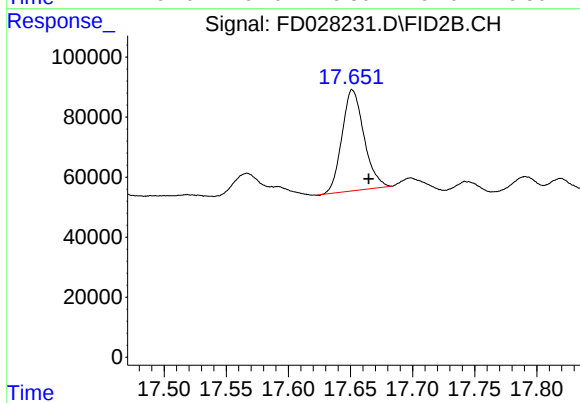
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.948 min  
Delta R.T.: -0.013 min  
Response: 298527  
Conc: 2.77 ug/ml



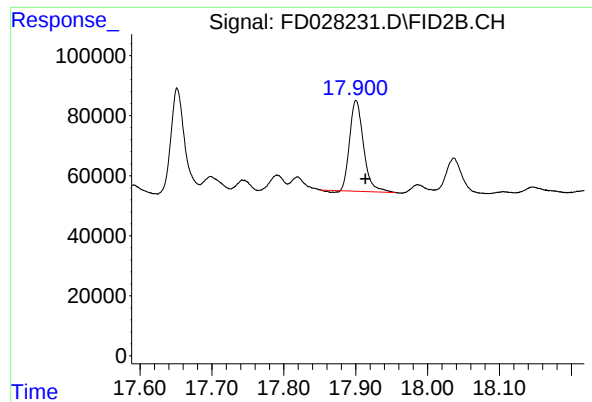
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.293 min  
Delta R.T.: -0.013 min  
Response: 657625  
Conc: 6.14 ug/ml



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

R.T.: 17.652 min  
Delta R.T.: -0.013 min  
Response: 414999  
Conc: 4.06 ug/ml



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

R.T.: 17.901 min  
Delta R.T.: -0.013 min  
Response: 403670  
Conc: 3.74 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MR-MH-10-COMP