

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100319AR\  
 Data File : FD030880.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Oct 2019 17:43  
 Operator : DD\AJ  
 Sample : PB123596BS  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 04 02:17:08 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 26 04:51:24 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

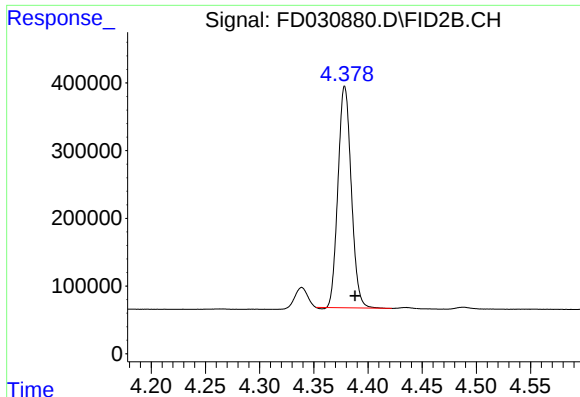
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.573  | 6669889    | 39.171 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 78.34%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.433  | 1910222    | 16.563 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 33.13%       |
| 11) S ortho-Terphenyl (SURR)       | 11.465 | 7706370    | 41.268 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 82.54%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.379  | 2790902    | 15.155 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.913  | 4584402    | 23.841 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.964  | 5343247    | 28.052 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.239  | 7411129    | 40.237 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.533  | 6630522    | 34.352 ug/ml |
| 8) T Fluorene (C16.55)             | 9.315  | 9107311    | 48.184 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.708 | 8986445    | 47.790 ug/ml |
| 10) T Anthracene (C19.43)          | 10.784 | 8874923    | 48.561 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.516 | 9135138    | 48.858 ug/ml |
| 13) T Pyrene (C20.8)               | 12.812 | 8574295    | 46.626 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.680 | 8190492    | 47.338 ug/ml |
| 15) T Chrysene (C27.41)            | 14.725 | 8810000    | 49.638 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.229 | 8546628    | 50.742 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.267 | 8149285    | 47.823 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.608 | 7799464    | 47.511 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.975 | 8428267    | 53.797 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.010 | 7446132    | 47.587 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.233 | 8085853    | 52.507 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

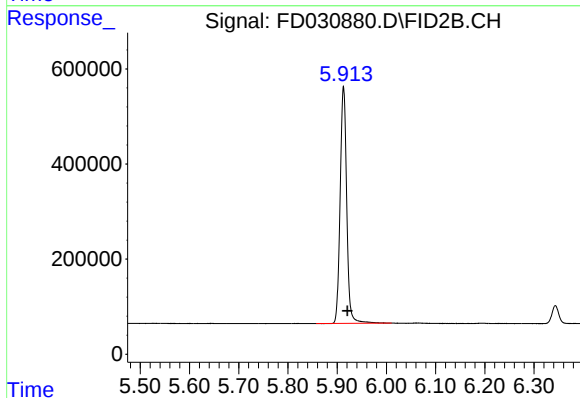
(m)=manual int.





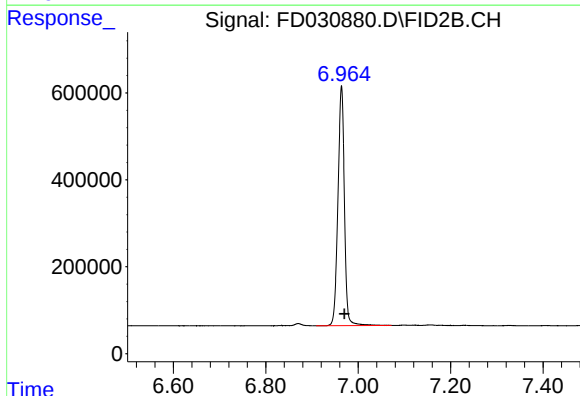
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.379 min  
Delta R.T.: -0.009 min  
Response: 2790902  
Conc: 15.15 ug/ml



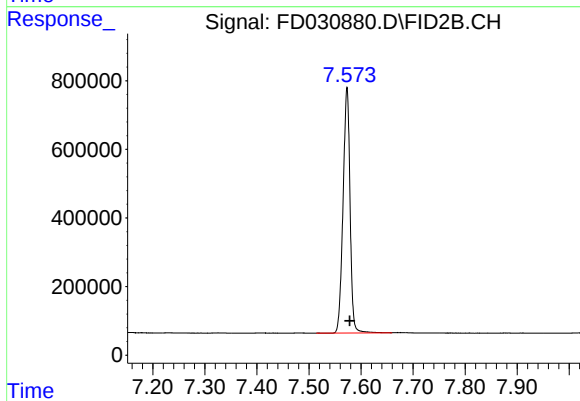
#2 Naphthalene (C11.7)

R.T.: 5.913 min  
Delta R.T.: -0.008 min  
Response: 4584402  
Conc: 23.84 ug/ml



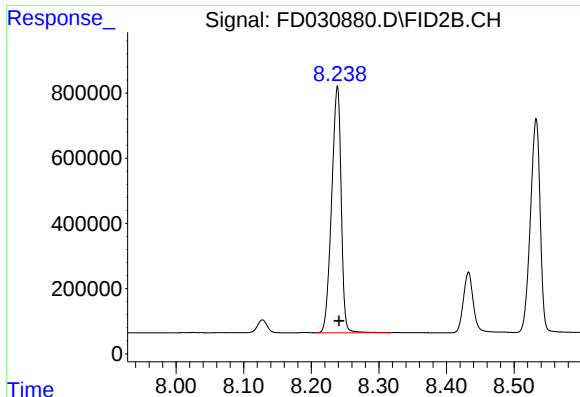
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.964 min  
Delta R.T.: -0.006 min  
Response: 5343247  
Conc: 28.05 ug/ml



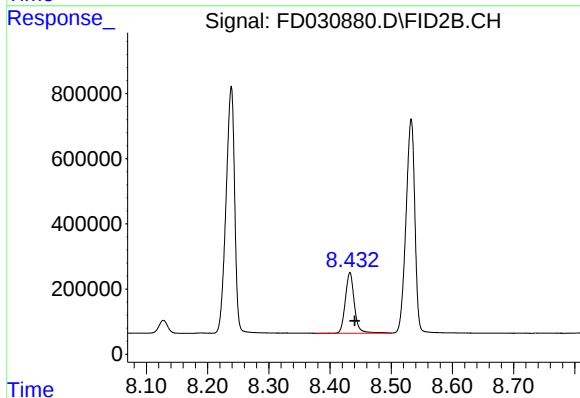
#4 2-Bromonaphthalene (SURR)

R.T.: 7.573 min  
Delta R.T.: -0.005 min  
Response: 6669889  
Conc: 39.17 ug/ml



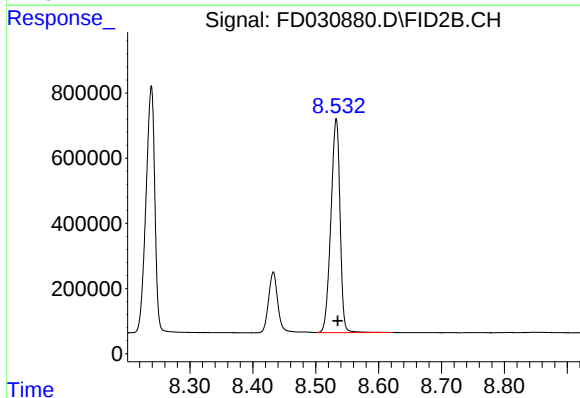
#5 Acenaphthylene (C15.06)

R.T.: 8.239 min  
Delta R.T.: -0.003 min  
Response: 7411129  
Conc: 40.24 ug/ml



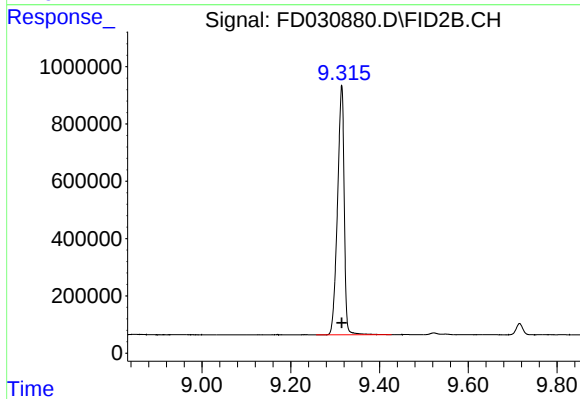
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.433 min  
Delta R.T.: -0.008 min  
Response: 1910222  
Conc: 16.56 ug/ml



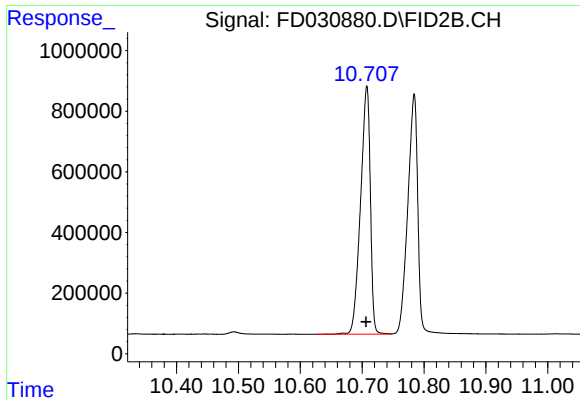
#7 Acenaphthene (C15.5)

R.T.: 8.533 min  
Delta R.T.: -0.002 min  
Response: 6630522  
Conc: 34.35 ug/ml



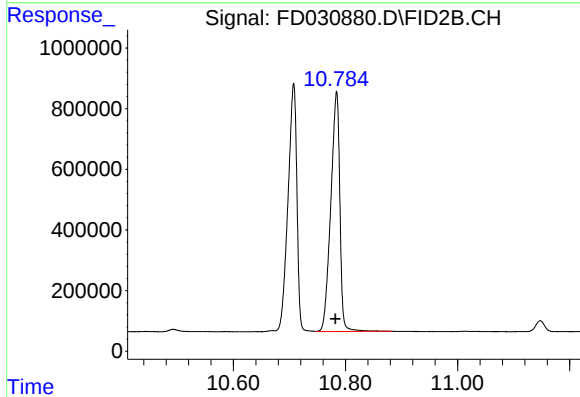
#8 Flouorene (C16.55)

R.T.: 9.315 min  
Delta R.T.: 0.000 min  
Response: 9107311  
Conc: 48.18 ug/ml



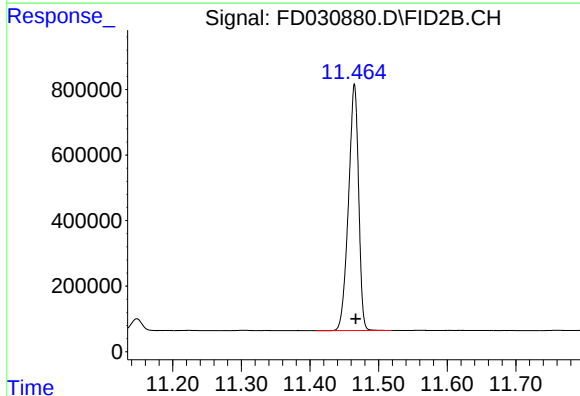
#9 Phenanthrene (C19.36)

R.T.: 10.708 min  
Delta R.T.: 0.001 min  
Response: 8986445  
Conc: 47.79 ug/ml



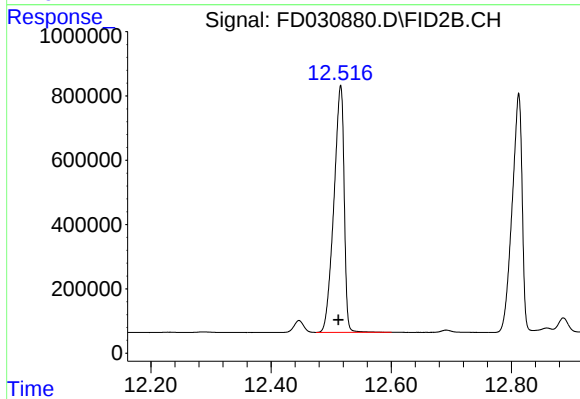
#10 Anthracene (C19.43)

R.T.: 10.784 min  
Delta R.T.: 0.002 min  
Response: 8874923  
Conc: 48.56 ug/ml



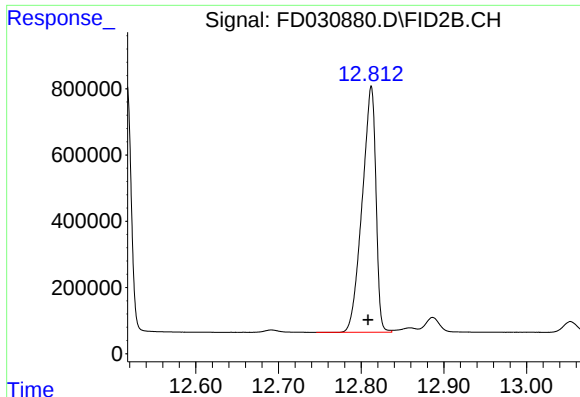
#11 ortho-Terphenyl (SURR)

R.T.: 11.465 min  
Delta R.T.: -0.002 min  
Response: 7706370  
Conc: 41.27 ug/ml



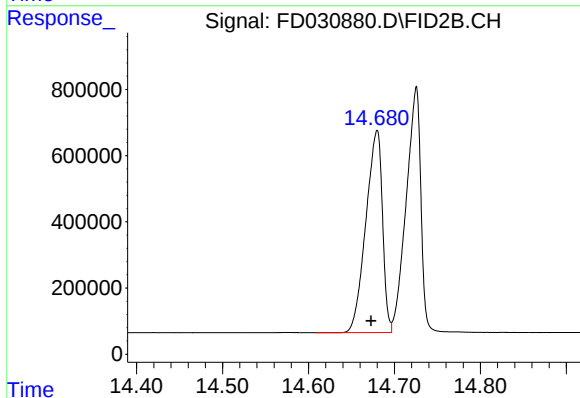
#12 Fluoranthene (C21.85)

R.T.: 12.516 min  
Delta R.T.: 0.003 min  
Response: 9135138  
Conc: 48.86 ug/ml



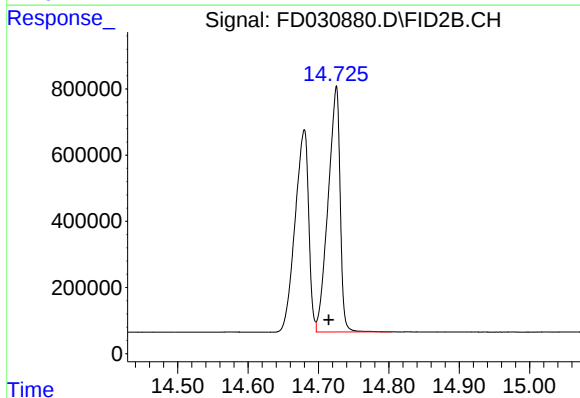
#13 Pyrene (C20.8)

R.T.: 12.812 min  
Delta R.T.: 0.004 min  
Response: 8574295  
Conc: 46.63 ug/ml



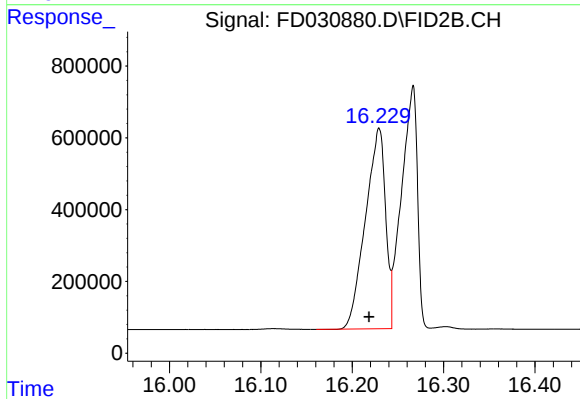
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.680 min  
Delta R.T.: 0.007 min  
Response: 8190492  
Conc: 47.34 ug/ml



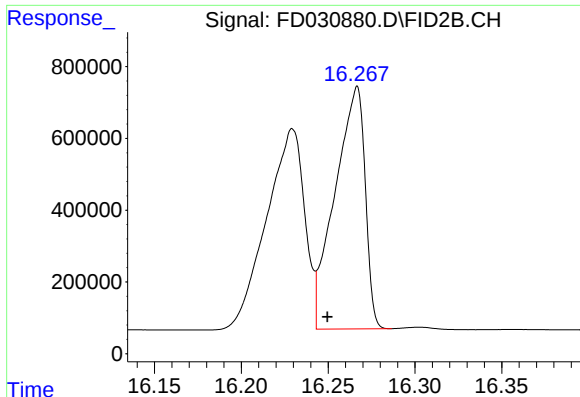
#15 Chrysene (C27.41)

R.T.: 14.725 min  
Delta R.T.: 0.011 min  
Response: 8810000  
Conc: 49.64 ug/ml



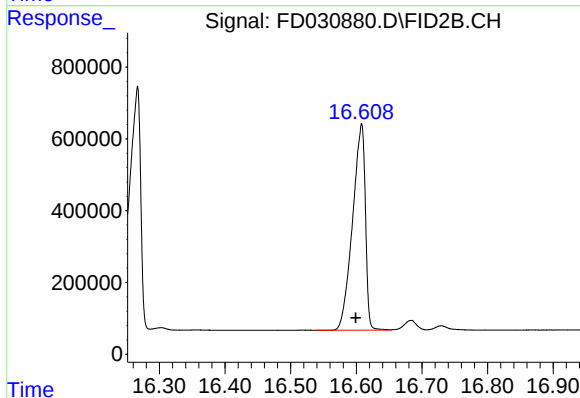
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.229 min  
Delta R.T.: 0.011 min  
Response: 8546628  
Conc: 50.74 ug/ml



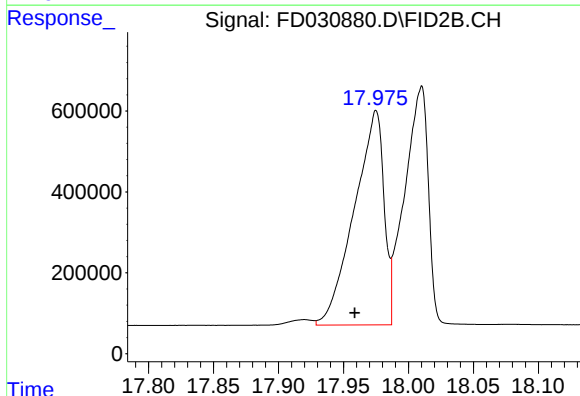
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.267 min  
Delta R.T.: 0.017 min  
Response: 8149285  
Conc: 47.82 ug/ml



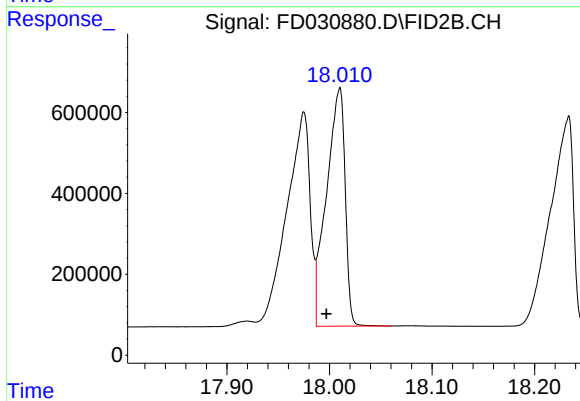
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.608 min  
Delta R.T.: 0.009 min  
Response: 7799464  
Conc: 47.51 ug/ml



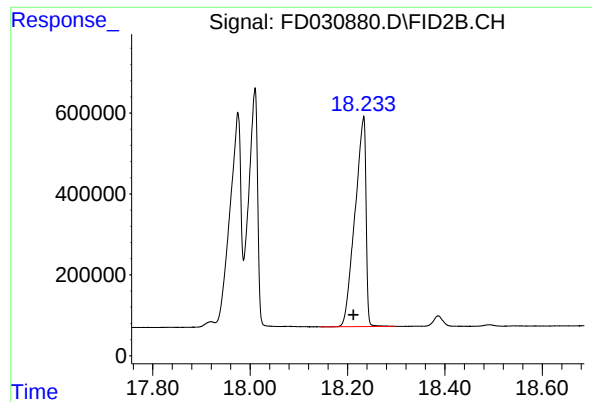
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.975 min  
Delta R.T.: 0.016 min  
Response: 8428267  
Conc: 53.80 ug/ml



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

R.T.: 18.010 min  
Delta R.T.: 0.013 min  
Response: 7446132  
Conc: 47.59 ug/ml



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

R.T.: 18.233 min  
Delta R.T.: 0.021 min  
Response: 8085853  
Conc: 52.51 ug/ml