

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062118AR\  
 Data File : FD024679.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Jun 2018 22:53  
 Operator : UA/AJ  
 Sample : 5 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 22 08:58:08 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062118.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 22 08:56:23 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

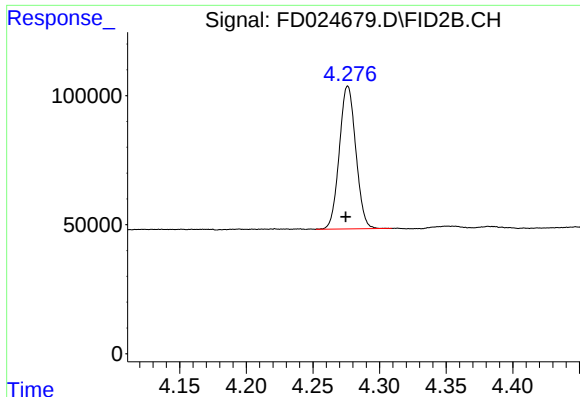
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.479  | 464586     | 5.079 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 10.16%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.334  | 319893     | 5.012 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 10.02%       |
| 11) S ortho-Terphenyl (SURR)       | 11.382 | 533257     | 5.306 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 10.61%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.276  | 476647     | 5.166 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.813  | 511178     | 5.057 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.865  | 513045     | 5.054 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.138  | 507934     | 5.070 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.433  | 533097     | 5.089 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.213  | 541581     | 5.133 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.605 | 536118     | 5.204 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.679 | 532182     | 5.191 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.414 | 533562     | 5.339 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.709 | 534178     | 5.380 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.581 | 494474     | 5.330 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.621 | 504350     | 5.408 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.128 | 557257     | 5.489 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.161 | 631626     | 6.252 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.505 | 553567     | 5.328 ug/mlm |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.867 | 583074     | 5.660 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.912 | 564386     | 5.443 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.119 | 577799     | 5.547 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

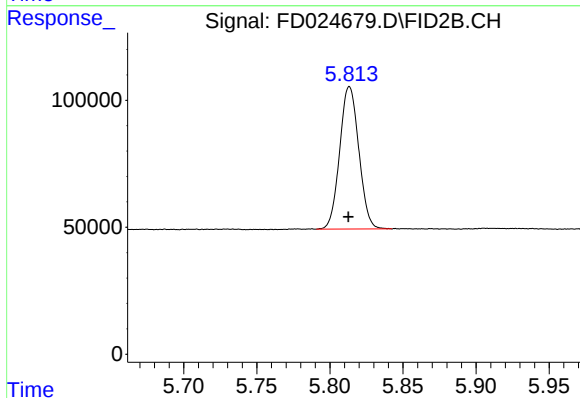
(m)=manual int.





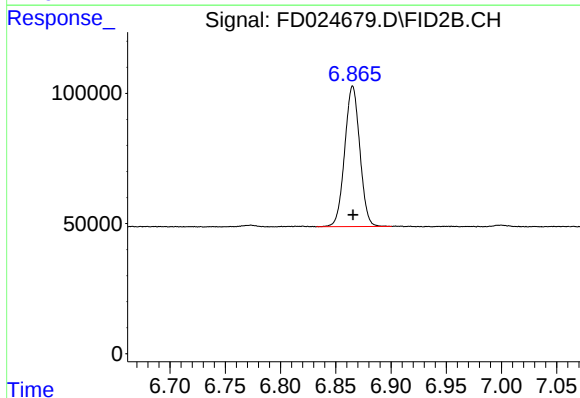
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.276 min  
Delta R.T.: 0.002 min  
Response: 476647  
Conc: 5.17 ug/ml



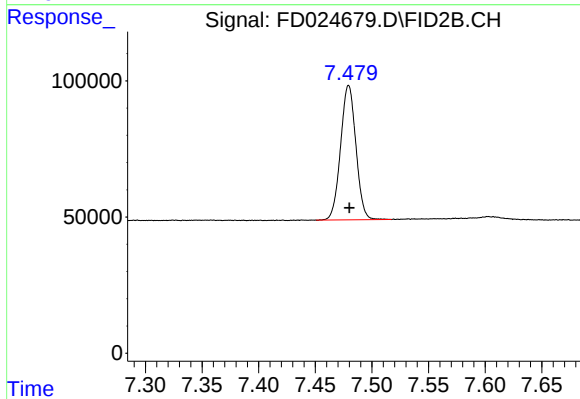
#2 Naphthalene (C11.7)

R.T.: 5.813 min  
Delta R.T.: 0.000 min  
Response: 511178  
Conc: 5.06 ug/ml



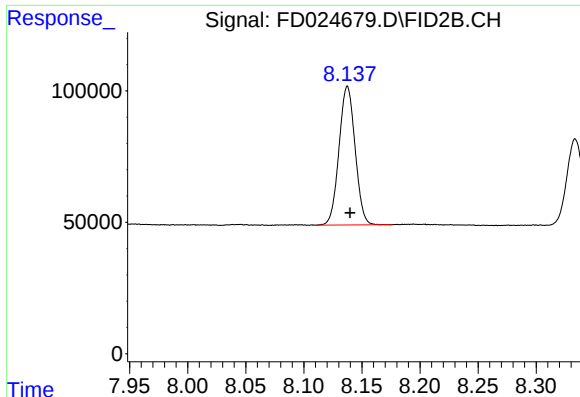
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.865 min  
Delta R.T.: 0.000 min  
Response: 513045  
Conc: 5.05 ug/ml



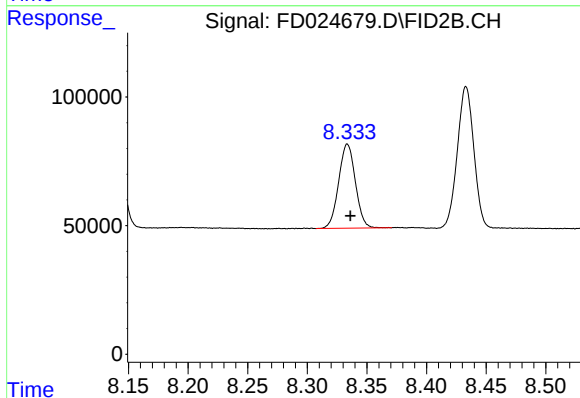
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min  
Delta R.T.: 0.000 min  
Response: 464586  
Conc: 5.08 ug/ml



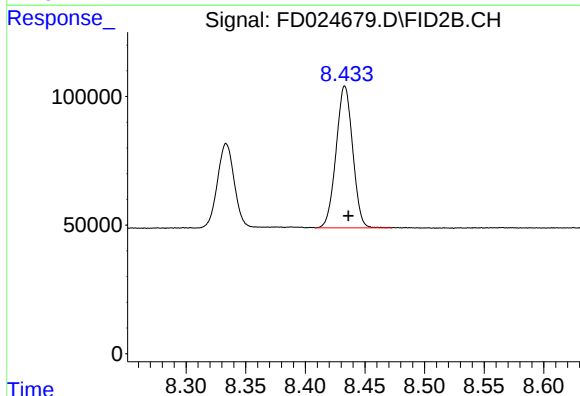
#5 Acenaphthylene (C15.06)

R.T.: 8.138 min  
Delta R.T.: -0.002 min  
Response: 507934  
Conc: 5.07 ug/ml



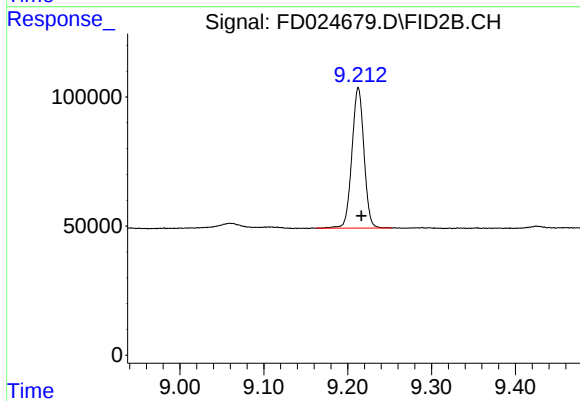
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min  
Delta R.T.: -0.002 min  
Response: 319893  
Conc: 5.01 ug/ml



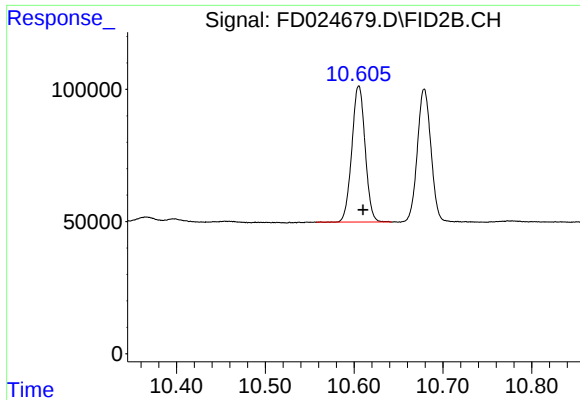
#7 Acenaphthene (C15.5)

R.T.: 8.433 min  
Delta R.T.: -0.003 min  
Response: 533097  
Conc: 5.09 ug/ml



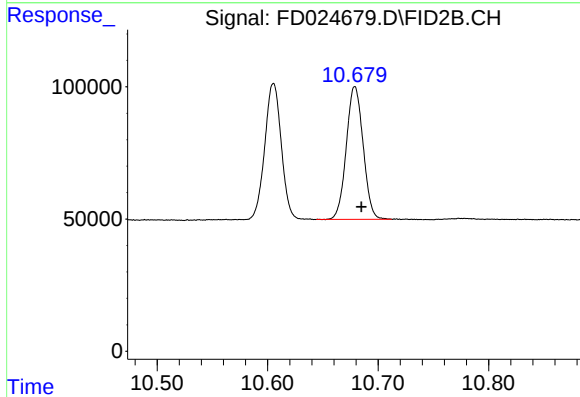
#8 Flouorene (C16.55)

R.T.: 9.213 min  
Delta R.T.: -0.003 min  
Response: 541581  
Conc: 5.13 ug/ml



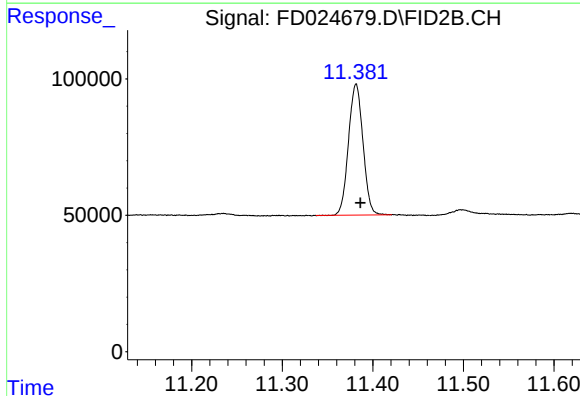
#9 Phenanthrene (C19.36)

R.T.: 10.605 min  
Delta R.T.: -0.005 min  
Response: 536118  
Conc: 5.20 ug/ml



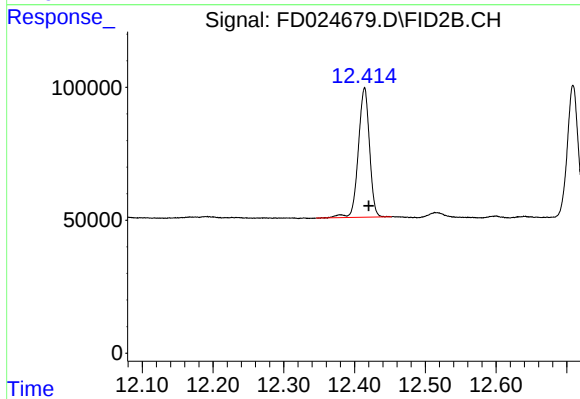
#10 Anthracene (C19.43)

R.T.: 10.679 min  
Delta R.T.: -0.006 min  
Response: 532182  
Conc: 5.19 ug/ml



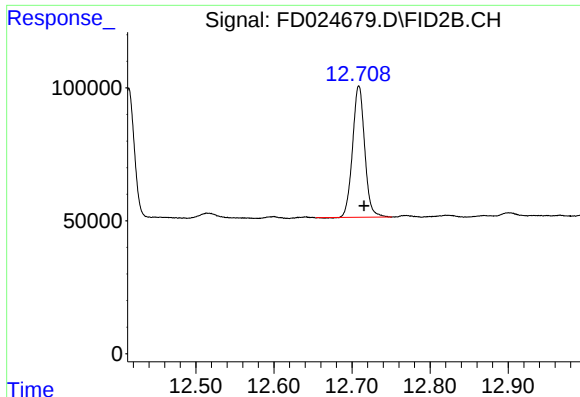
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min  
Delta R.T.: -0.005 min  
Response: 533257  
Conc: 5.31 ug/ml



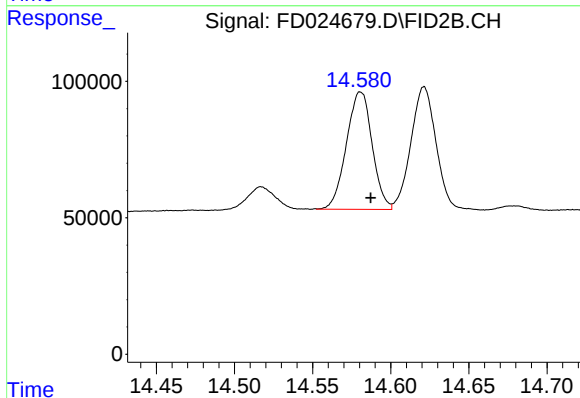
#12 Fluoranthene (C21.85)

R.T.: 12.414 min  
Delta R.T.: -0.006 min  
Response: 533562  
Conc: 5.34 ug/ml



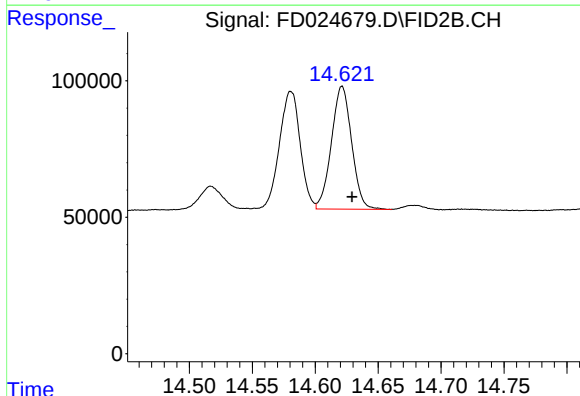
#13 Pyrene (C20.8)

R.T.: 12.709 min  
Delta R.T.: -0.007 min  
Response: 534178  
Conc: 5.38 ug/ml



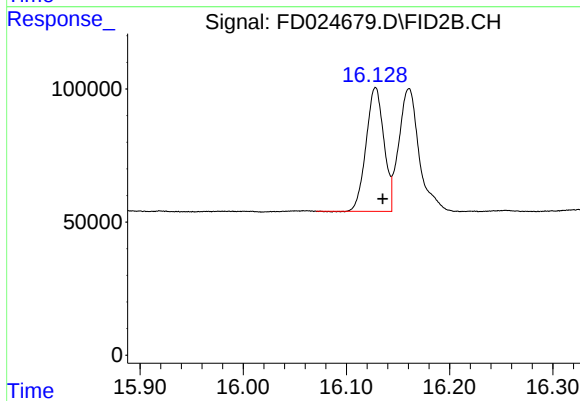
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min  
Delta R.T.: -0.006 min  
Response: 494474  
Conc: 5.33 ug/ml



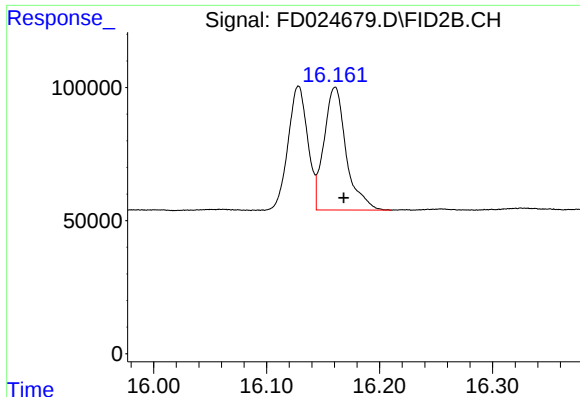
#15 Chrysene (C27.41)

R.T.: 14.621 min  
Delta R.T.: -0.008 min  
Response: 504350  
Conc: 5.41 ug/ml



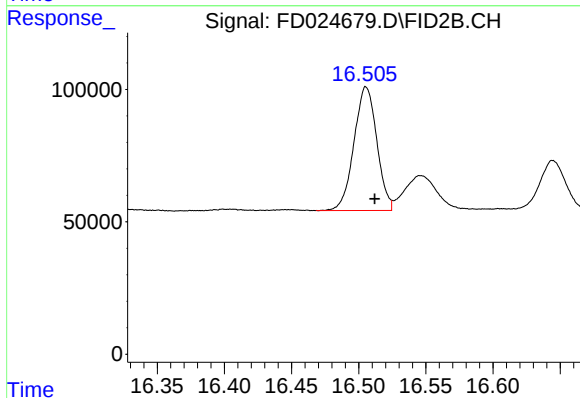
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.128 min  
Delta R.T.: -0.007 min  
Response: 557257  
Conc: 5.49 ug/ml



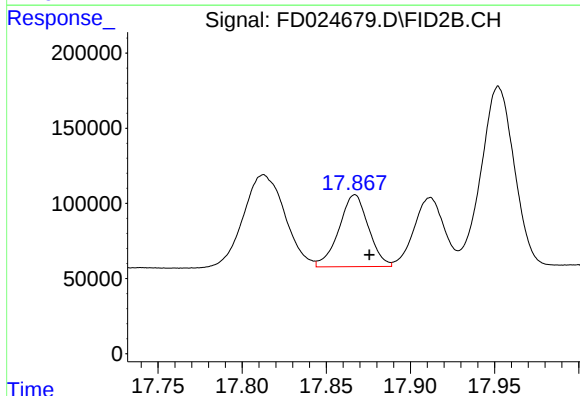
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min  
Delta R.T.: -0.008 min  
Response: 631626  
Conc: 6.25 ug/ml



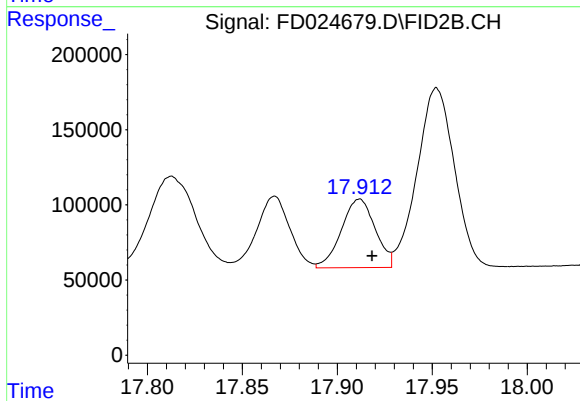
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min  
Delta R.T.: -0.007 min  
Response: 553567  
Conc: 5.33 ug/ml m



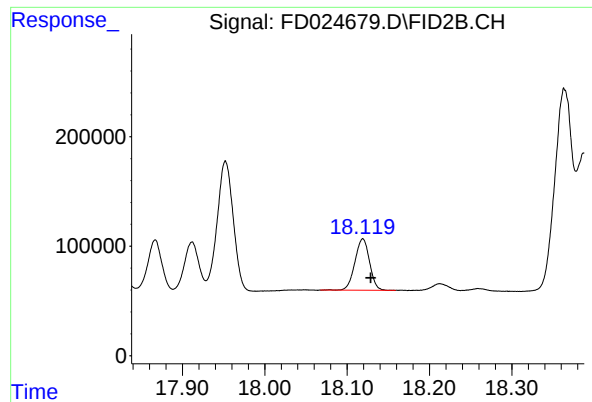
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.867 min  
Delta R.T.: -0.009 min  
Response: 583074  
Conc: 5.66 ug/ml



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

R.T.: 17.912 min  
Delta R.T.: -0.007 min  
Response: 564386  
Conc: 5.44 ug/ml



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

R.T.: 18.119 min  
Delta R.T.: -0.009 min  
Response: 577799  
Conc: 5.55 ug/ml