

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120718AR\  
 Data File : FD026777.D  
 Signal(s) : FID2B.CH  
 Acq On : 08 Dec 2018 00:47  
 Operator : AJ\SJ  
 Sample : J6233-03  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 08 04:53:55 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 120718.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 22:43:49 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...      | 7.379   | 2834277    | 34.415 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 68.83%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.229   | 1964148    | 34.762 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 69.52%       |
| 11) S ortho-Terphenyl (SURR)       | 11.273  | 1998708    | 21.089 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 42.18%       |
| Target Compounds                   |         |            |              |
| 9) T Phenanthrene (C19.36)         | 10.492  | 535685     | 5.625 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.568  | 145144     | 1.536 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.299  | 749449     | 7.771 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.591  | 715238     | 7.398 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.459  | 382283     | 4.058 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.498  | 368780     | 3.899 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.006  | 233791     | 2.348 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.006  | 233791     | 2.360 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.379  | 318393     | 3.178 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.739  | 166937     | 1.571 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.739f | 166937     | 1.655 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.990  | 174653     | 1.663 ug/ml  |
| -----                              |         |            |              |

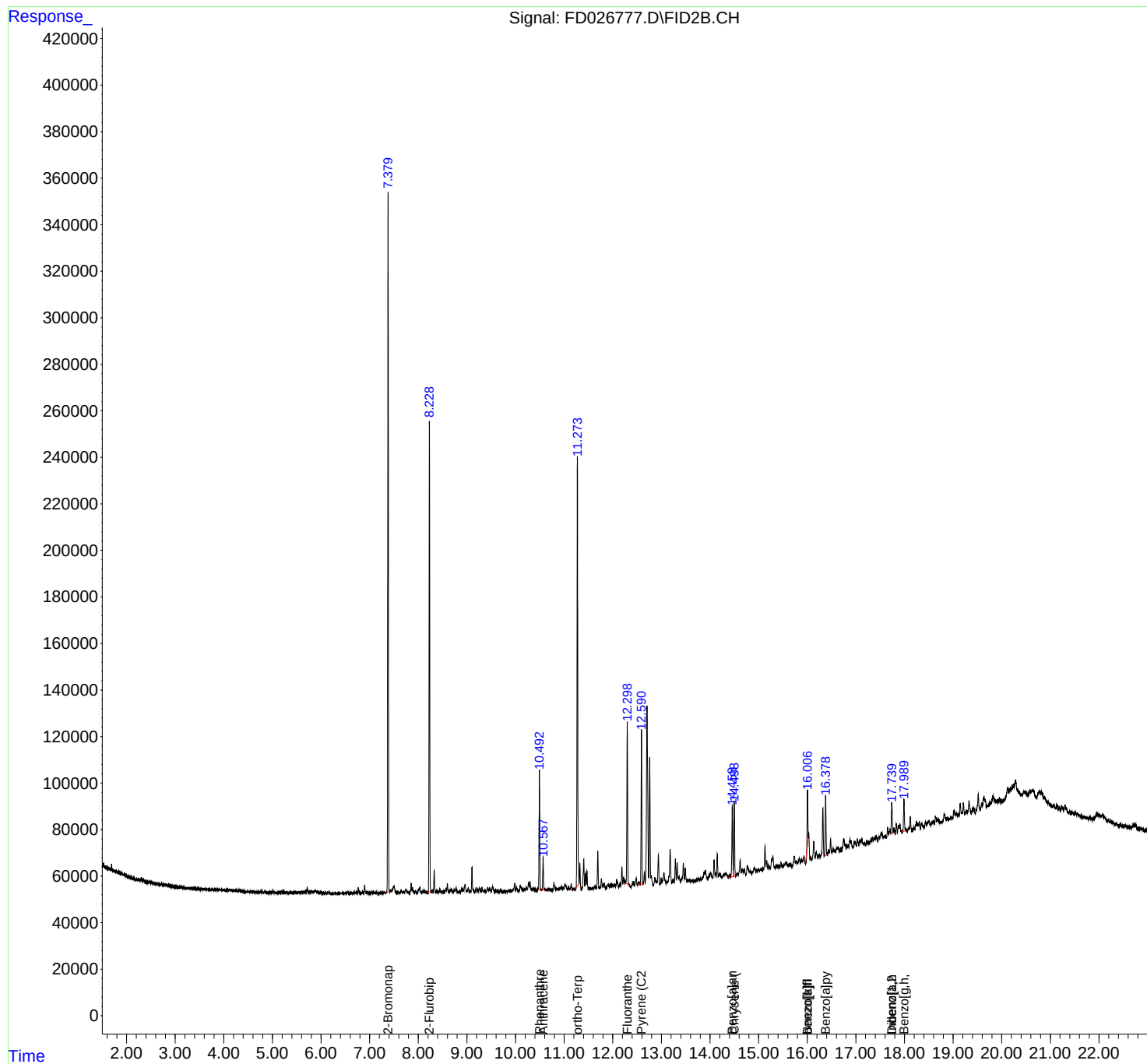
(f)=RT Delta > 1/2 Window

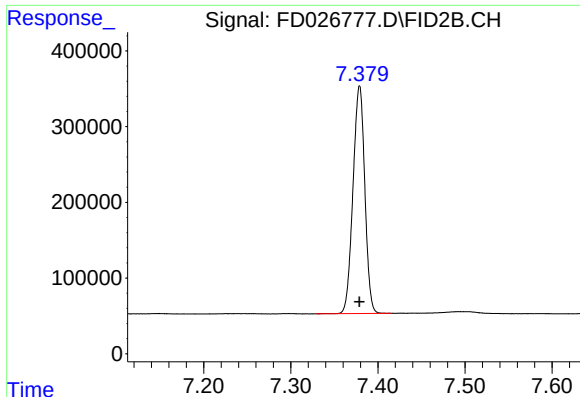
(m)=manual int.

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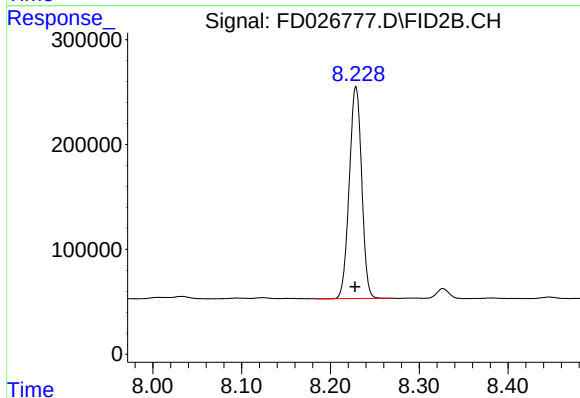
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





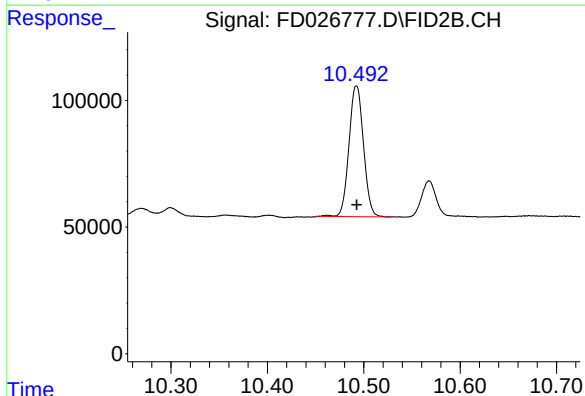
#4 2-Bromonaphthalene (SURR)

R.T.: 7.379 min  
Delta R.T.: 0.000 min  
Response: 2834277  
Conc: 34.41 ug/ml



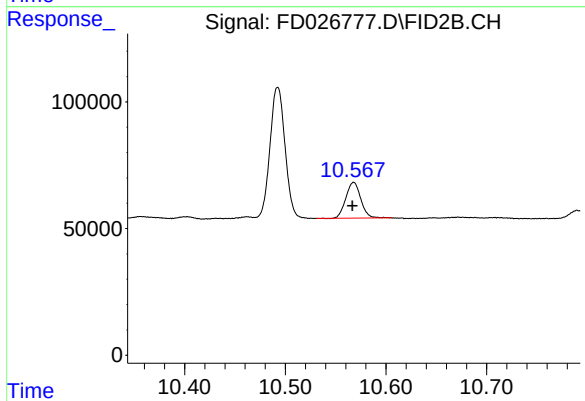
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.229 min  
Delta R.T.: 0.000 min  
Response: 1964148  
Conc: 34.76 ug/ml



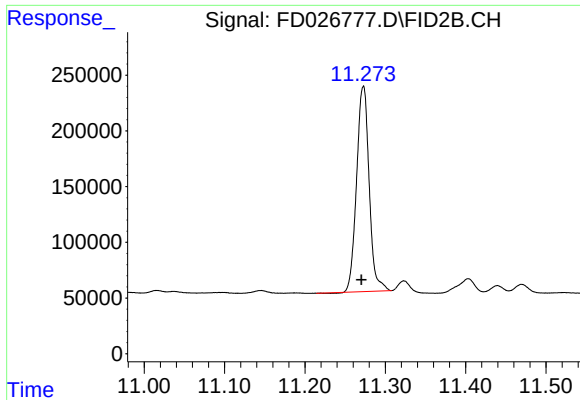
#9 Phenanthrene (C19.36)

R.T.: 10.492 min  
Delta R.T.: 0.000 min  
Response: 535685  
Conc: 5.63 ug/ml



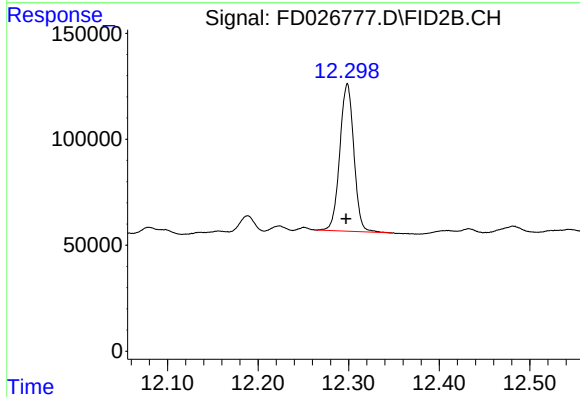
#10 Anthracene (C19.43)

R.T.: 10.568 min  
Delta R.T.: 0.001 min  
Response: 145144  
Conc: 1.54 ug/ml



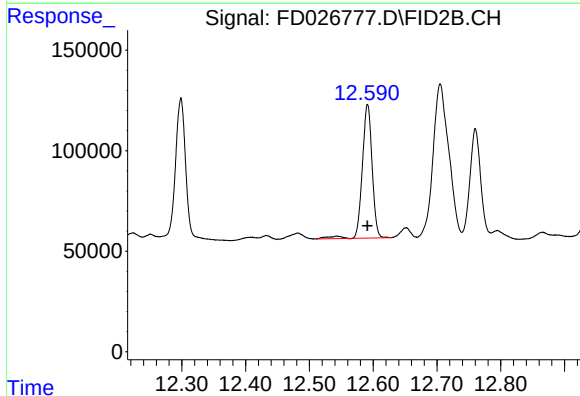
#11 ortho-Terphenyl (SURR)

R.T.: 11.273 min  
Delta R.T.: 0.002 min  
Response: 1998708  
Conc: 21.09 ug/ml



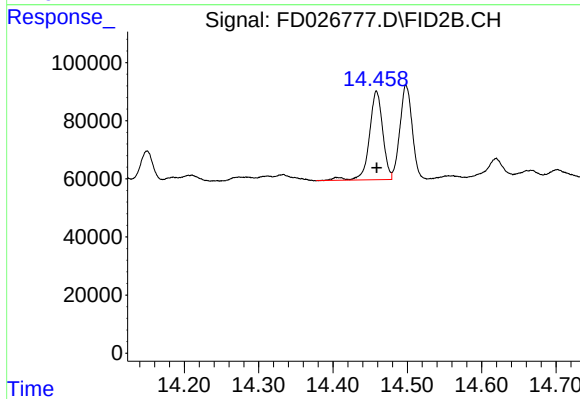
#12 Fluoranthene (C21.85)

R.T.: 12.299 min  
Delta R.T.: 0.001 min  
Response: 749449  
Conc: 7.77 ug/ml



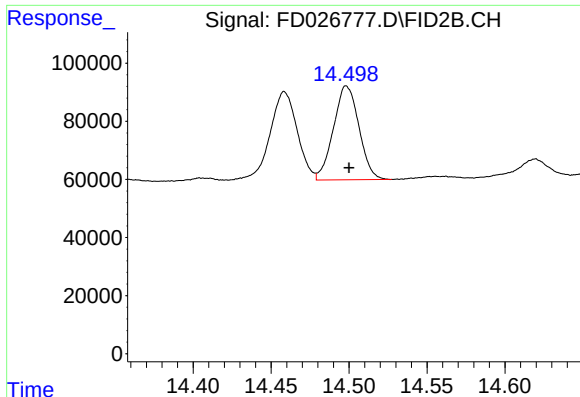
#13 Pyrene (C20.8)

R.T.: 12.591 min  
Delta R.T.: 0.000 min  
Response: 715238  
Conc: 7.40 ug/ml



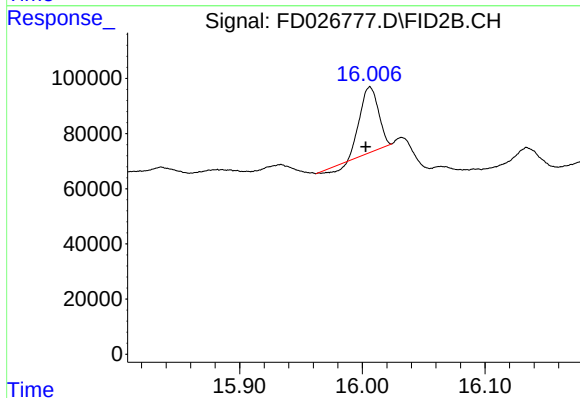
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.459 min  
Delta R.T.: 0.000 min  
Response: 382283  
Conc: 4.06 ug/ml



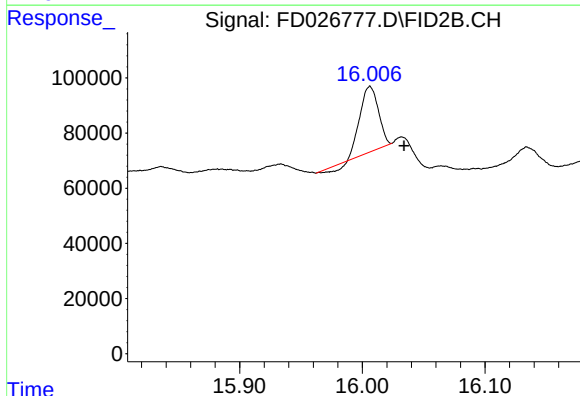
#15 Chrysene (C27.41)

R.T.: 14.498 min  
Delta R.T.: -0.002 min  
Response: 368780  
Conc: 3.90 ug/ml



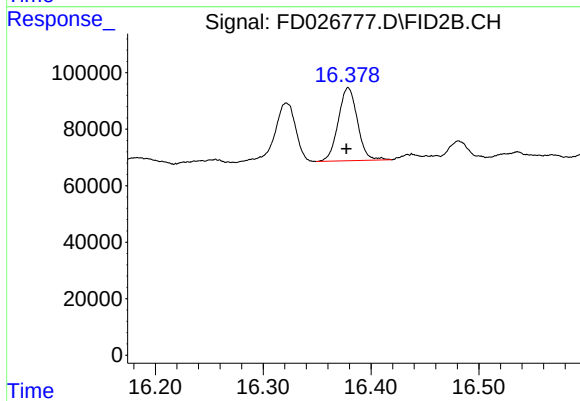
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.006 min  
Delta R.T.: 0.003 min  
Response: 233791  
Conc: 2.35 ug/ml



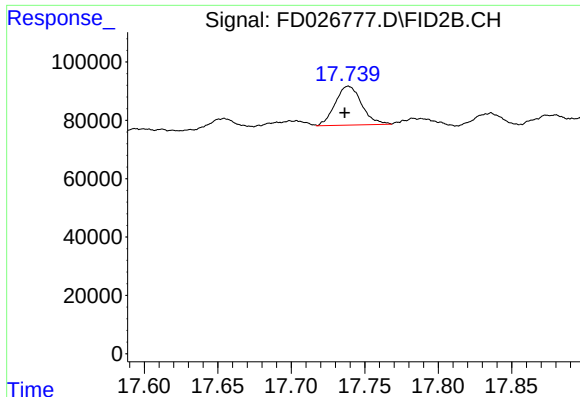
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.006 min  
Delta R.T.: -0.028 min  
Response: 233791  
Conc: 2.36 ug/ml



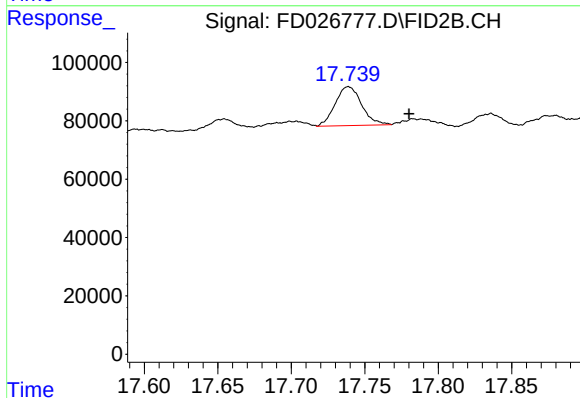
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.379 min  
Delta R.T.: 0.002 min  
Response: 318393  
Conc: 3.18 ug/ml



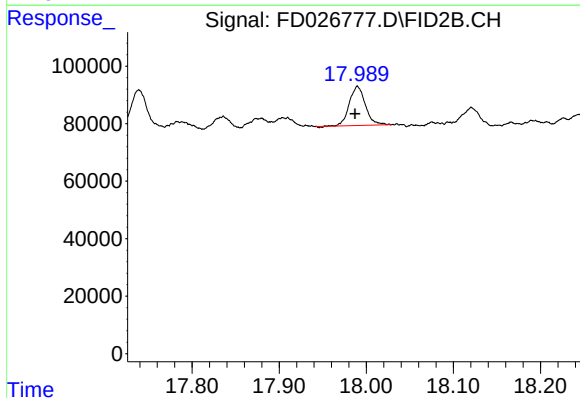
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min  
Delta R.T.: 0.003 min  
Response: 166937  
Conc: 1.57 ug/ml



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

R.T.: 17.739 min  
Delta R.T.: -0.041 min  
Response: 166937  
Conc: 1.66 ug/ml



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

R.T.: 17.990 min  
Delta R.T.: 0.003 min  
Response: 174653  
Conc: 1.66 ug/ml