

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061520AR\  
 Data File : FD033702.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Jun 2020 11:18  
 Operator : DD\AJ  
 Sample : L2970-02DL 5X  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 16 02:36:53 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 051920.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 20 09:14:43 2020  
 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...      | 7.566  | 2456569    | 23.624 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 47.25%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.429  | 1653657    | 23.925 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 47.85%       |
| 11) S ortho-Terphenyl (SURR)       | 11.458 | 1930206    | 14.722 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 29.44%       |
| Target Compounds                   |        |            |              |
| 7) T Acenaphthene (C15.5)          | 8.525  | 222301     | 1.721 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.698 | 1099990    | 8.968 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.776 | 283128     | 2.326 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.508 | 1052544    | 8.349 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.804 | 1149829    | 9.434 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.679 | 389989     | 3.462 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.719 | 532839     | 4.099 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.233 | 319782     | 2.801 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.233 | 319782     | 2.569 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.614 | 288518     | 2.461 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.991 | 340773     | 3.338 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.991 | 340773     | 2.824 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.237 | 190242     | 1.707 ug/ml  |
| -----                              |        |            |              |

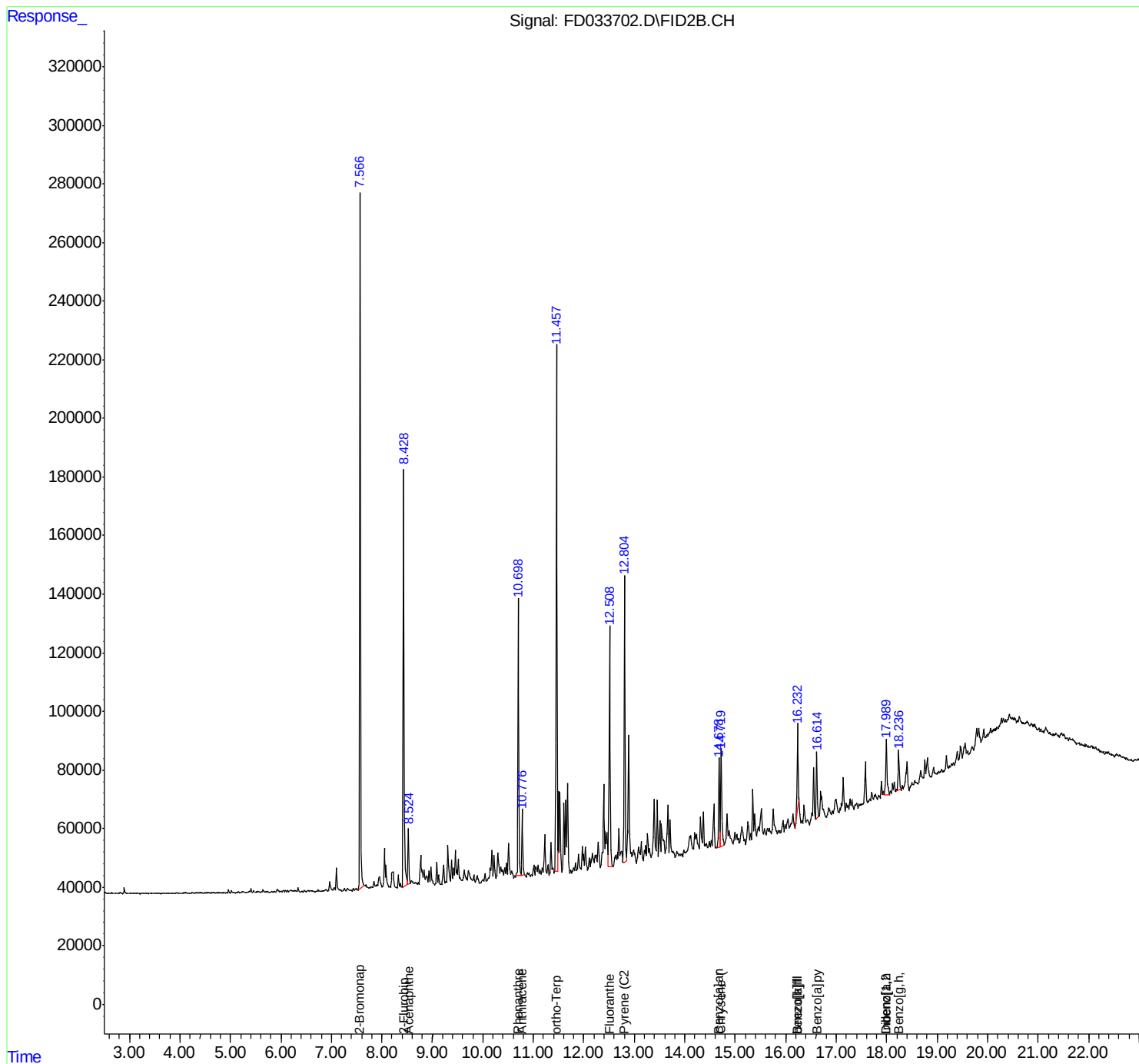
(f)=RT Delta > 1/2 Window

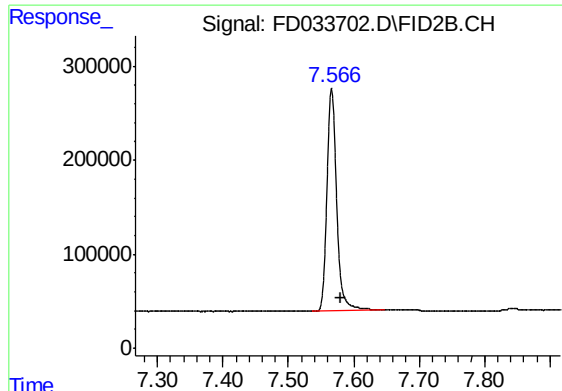
(m)=manual int.

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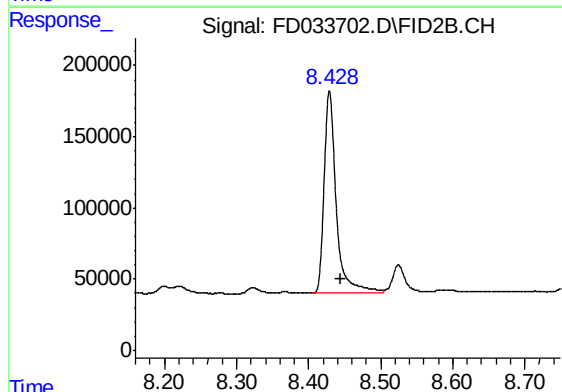
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





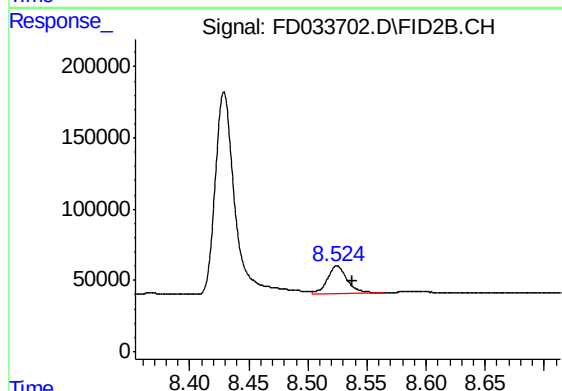
#4 2-Bromonaphthalene (SURR)

R.T.: 7.566 min  
Delta R.T.: -0.015 min  
Response: 2456569  
Conc: 23.62 ug/ml



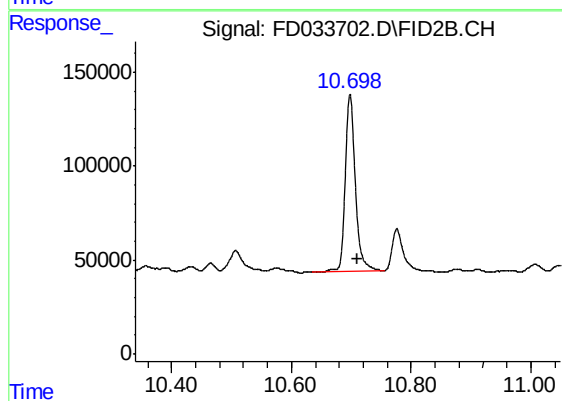
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min  
Delta R.T.: -0.015 min  
Response: 1653657  
Conc: 23.93 ug/ml



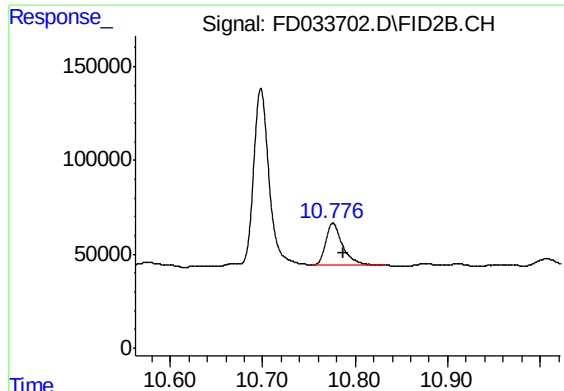
#7 Acenaphthene (C15.5)

R.T.: 8.525 min  
Delta R.T.: -0.013 min  
Response: 222301  
Conc: 1.72 ug/ml



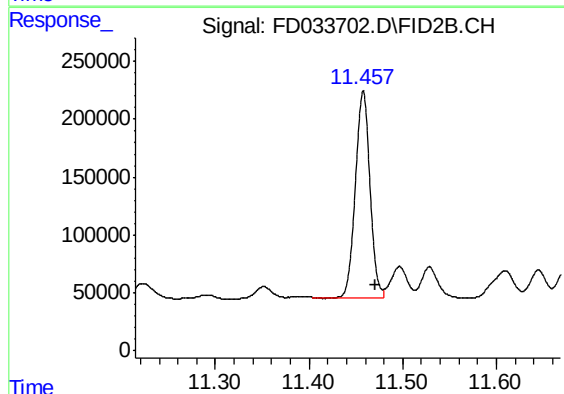
#9 Phenanthrene (C19.36)

R.T.: 10.698 min  
Delta R.T.: -0.013 min  
Response: 1099990  
Conc: 8.97 ug/ml



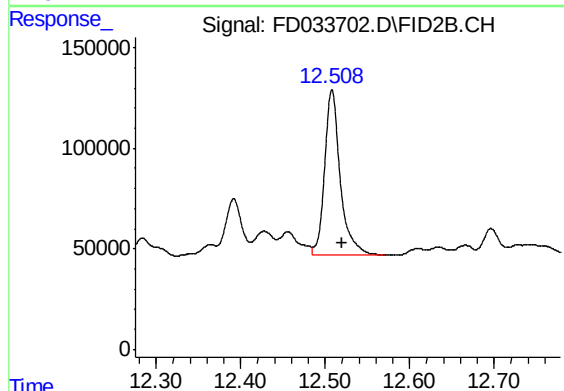
#10 Anthracene (C19.43)

R.T.: 10.776 min  
Delta R.T.: -0.011 min  
Response: 283128  
Conc: 2.33 ug/ml



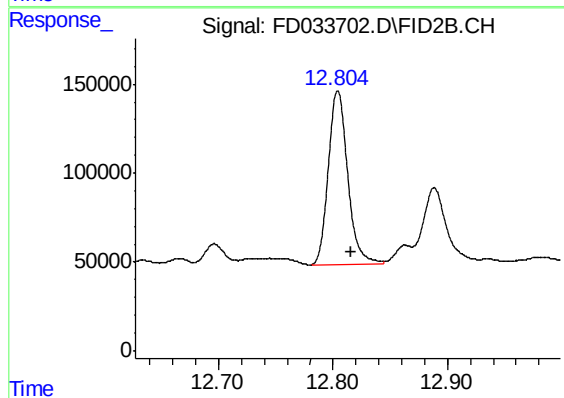
#11 ortho-Terphenyl (SURR)

R.T.: 11.458 min  
Delta R.T.: -0.012 min  
Response: 1930206  
Conc: 14.72 ug/ml



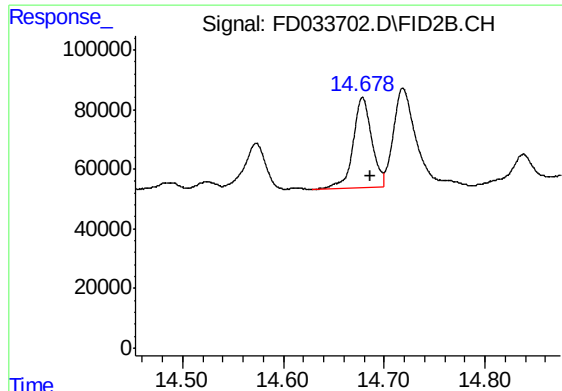
#12 Fluoranthene (C21.85)

R.T.: 12.508 min  
Delta R.T.: -0.012 min  
Response: 1052544  
Conc: 8.35 ug/ml



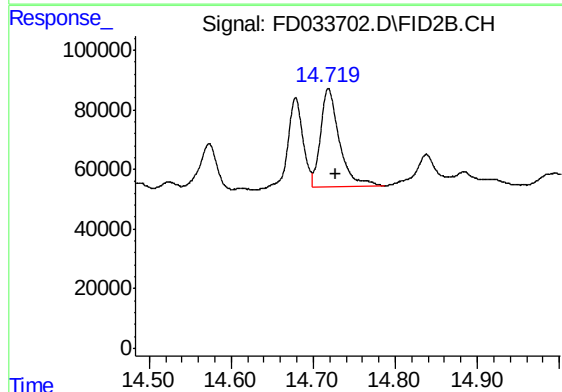
#13 Pyrene (C20.8)

R.T.: 12.804 min  
Delta R.T.: -0.011 min  
Response: 1149829  
Conc: 9.43 ug/ml



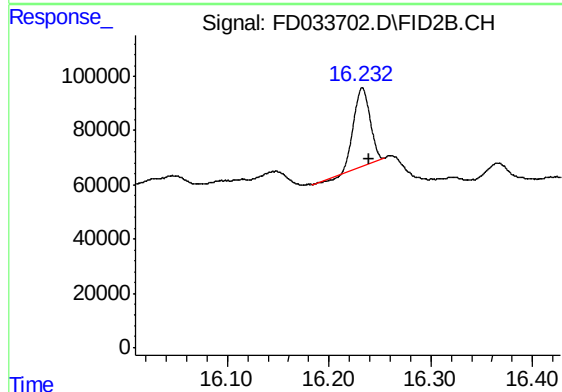
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.679 min  
Delta R.T.: -0.008 min  
Response: 389989  
Conc: 3.46 ug/ml



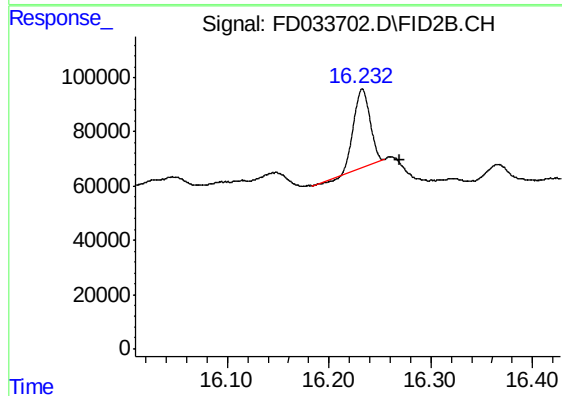
#15 Chrysene (C27.41)

R.T.: 14.719 min  
Delta R.T.: -0.009 min  
Response: 532839  
Conc: 4.10 ug/ml



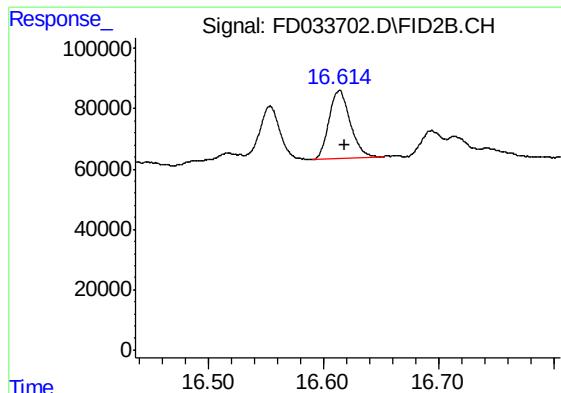
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.233 min  
Delta R.T.: -0.006 min  
Response: 319782  
Conc: 2.80 ug/ml



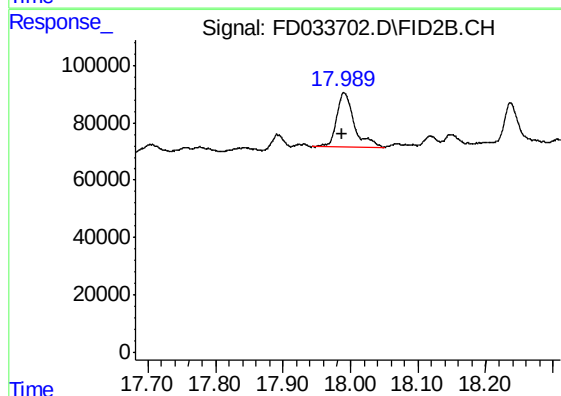
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.233 min  
Delta R.T.: -0.037 min  
Response: 319782  
Conc: 2.57 ug/ml



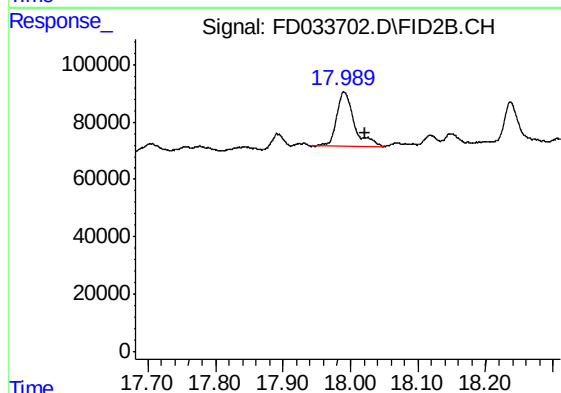
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.614 min  
Delta R.T.: -0.004 min  
Response: 288518  
Conc: 2.46 ug/ml



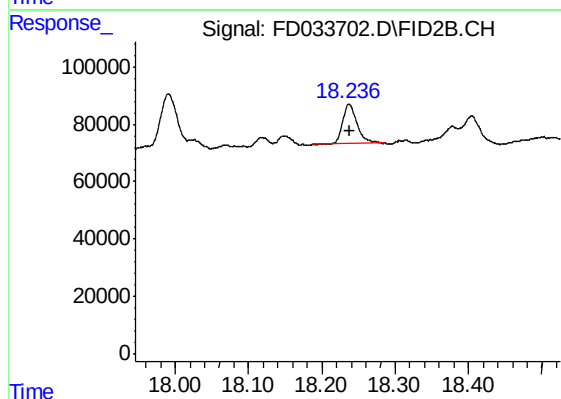
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min  
Delta R.T.: 0.003 min  
Response: 340773  
Conc: 3.34 ug/ml



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

R.T.: 17.991 min  
Delta R.T.: -0.031 min  
Response: 340773  
Conc: 2.82 ug/ml



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

R.T.: 18.237 min  
Delta R.T.: 0.000 min  
Response: 190242  
Conc: 1.71 ug/ml