

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050420AR\  
 Data File : FD033286.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 May 2020 17:18  
 Operator : DD\AJ  
 Sample : L2452-01RE  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 05 01:17:48 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040620.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 07 02:14:39 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...      | 7.593   | 6324314    | 43.104 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 86.21%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.455   | 4065124    | 41.668 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 83.34%       |
| 11) S ortho-Terphenyl (SURR)       | 11.488  | 5139600    | 32.160 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 64.32%       |
| Target Compounds                   |         |            |              |
| 9) T Phenanthrene (C19.36)         | 10.724  | 291406     | 1.860 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.534  | 525953     | 3.337 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.831  | 421032     | 2.696 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.745  | 325388     | 2.286 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.745  | 325388     | 2.205 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.258  | 140776     | 1.031 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.258f | 140776     | 1.023 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.638  | 178895     | 1.350 ug/ml  |
| -----                              |         |            |              |

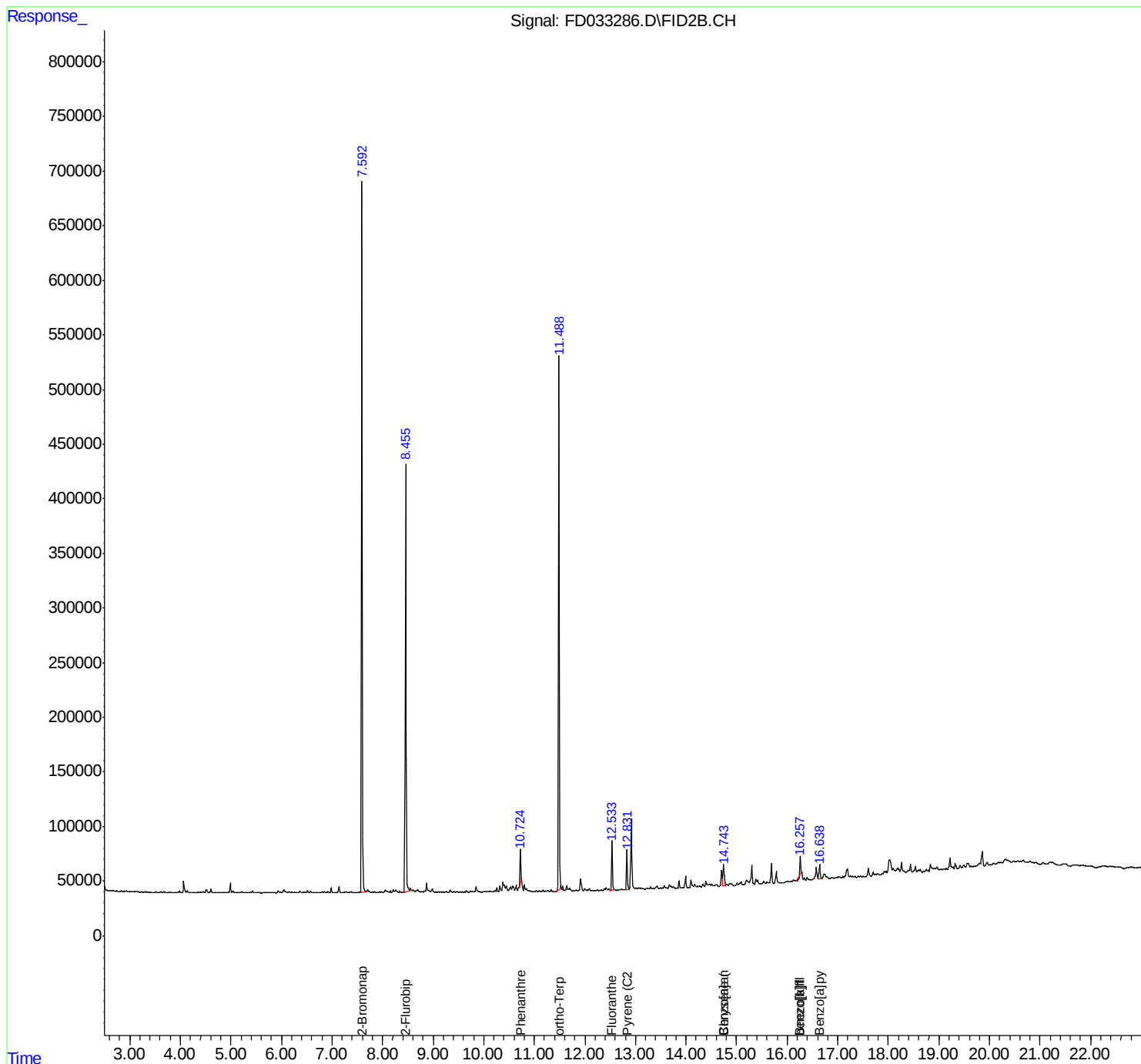
(f)=RT Delta > 1/2 Window

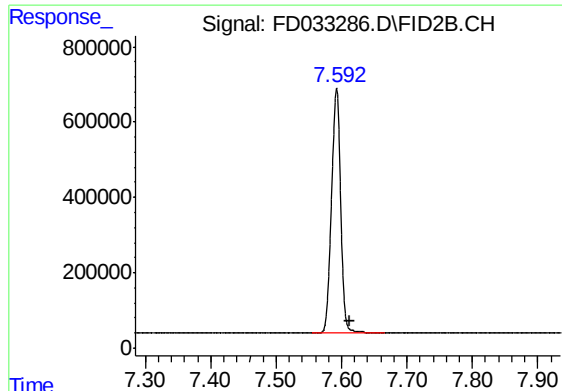
(m)=manual int.

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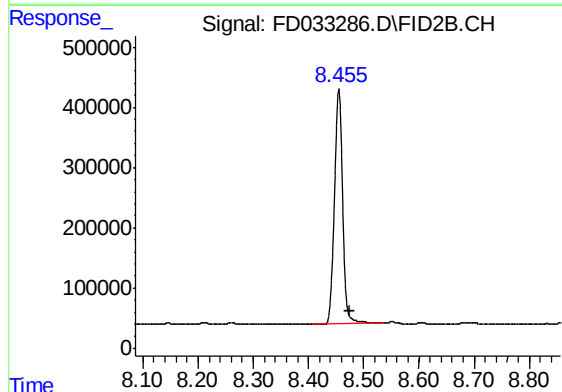
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





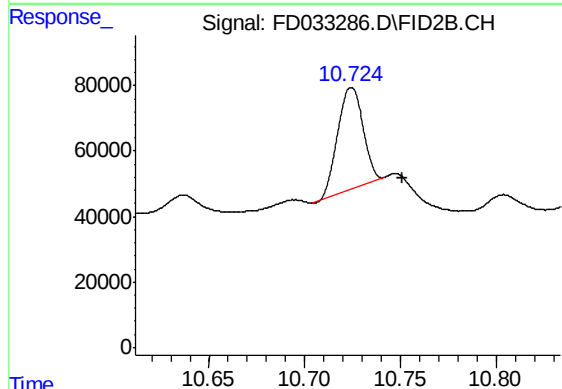
#4 2-Bromonaphthalene (SURR)

R.T.: 7.593 min  
Delta R.T.: -0.019 min  
Response: 6324314  
Conc: 43.10 ug/ml



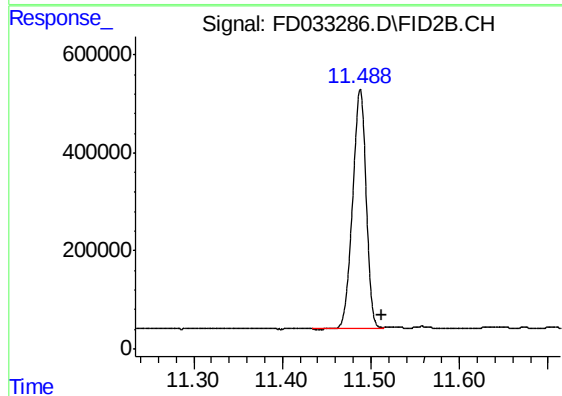
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min  
Delta R.T.: -0.020 min  
Response: 4065124  
Conc: 41.67 ug/ml



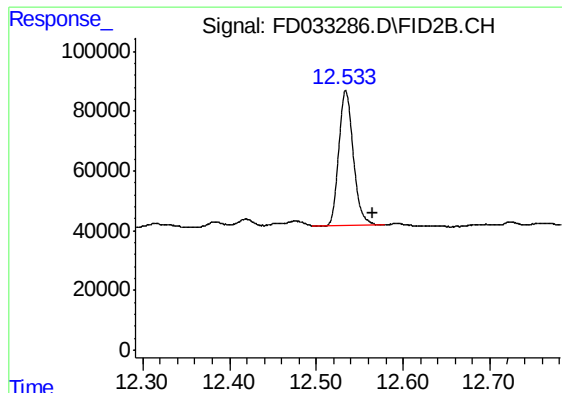
#9 Phenanthrene (C19.36)

R.T.: 10.724 min  
Delta R.T.: -0.027 min  
Response: 291406  
Conc: 1.86 ug/ml



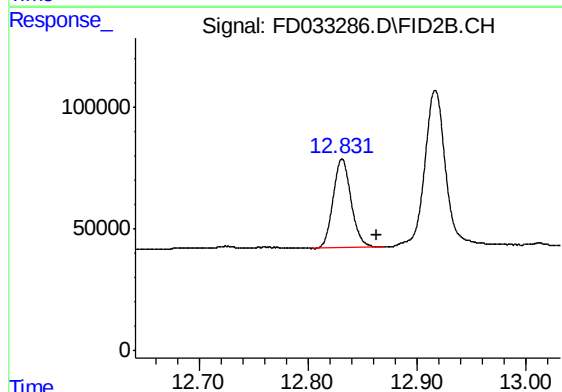
#11 ortho-Terphenyl (SURR)

R.T.: 11.488 min  
Delta R.T.: -0.024 min  
Response: 5139600  
Conc: 32.16 ug/ml



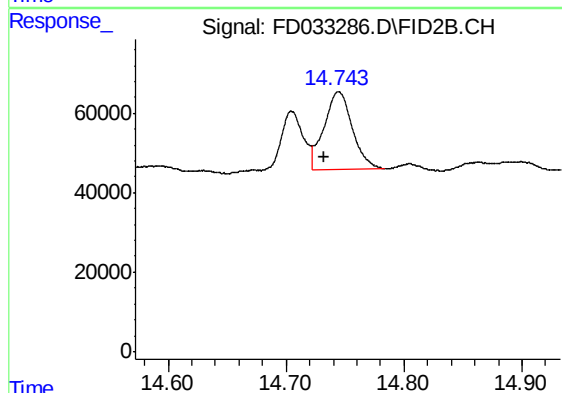
#12 Fluoranthene (C21.85)

R.T.: 12.534 min  
Delta R.T.: -0.030 min  
Response: 525953  
Conc: 3.34 ug/ml



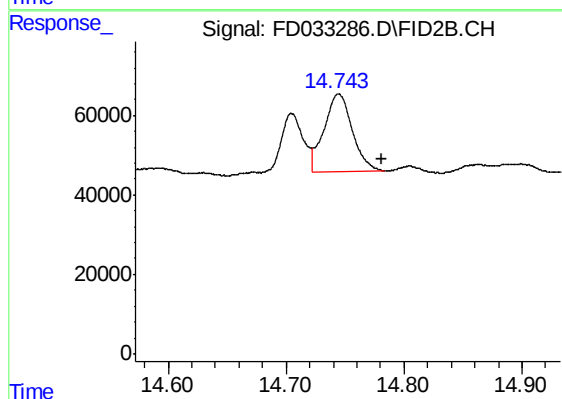
#13 Pyrene (C20.8)

R.T.: 12.831 min  
Delta R.T.: -0.031 min  
Response: 421032  
Conc: 2.70 ug/ml



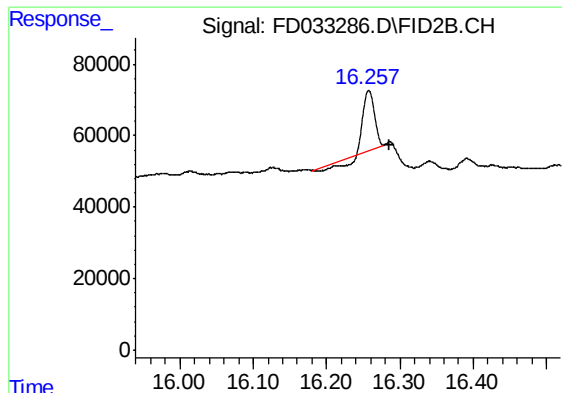
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min  
Delta R.T.: 0.012 min  
Response: 325388  
Conc: 2.29 ug/ml



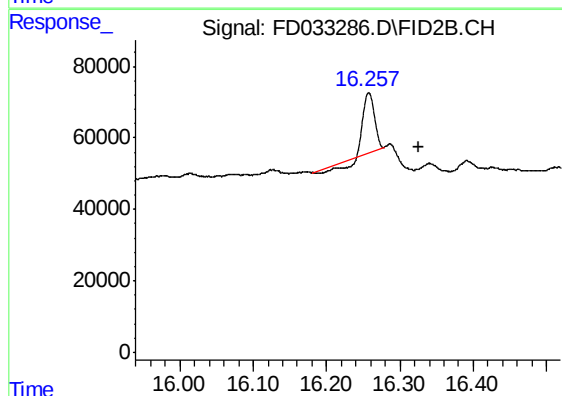
#15 Chrysene (C27.41)

R.T.: 14.745 min  
Delta R.T.: -0.037 min  
Response: 325388  
Conc: 2.21 ug/ml



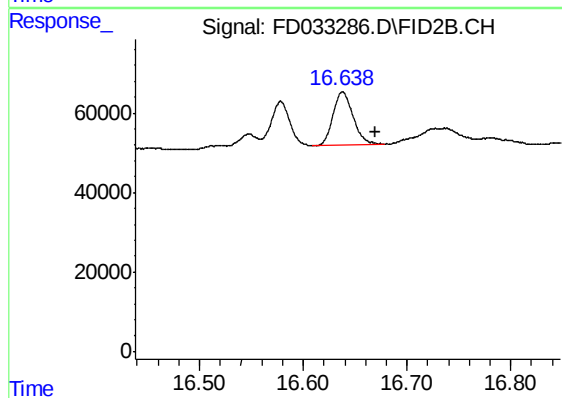
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.258 min  
Delta R.T.: -0.029 min  
Response: 140776  
Conc: 1.03 ug/ml



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

R.T.: 16.258 min  
Delta R.T.: -0.069 min  
Response: 140776  
Conc: 1.02 ug/ml



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

R.T.: 16.638 min  
Delta R.T.: -0.031 min  
Response: 178895  
Conc: 1.35 ug/ml