

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110518AR\  
 Data File : FD026340.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Nov 2018 19:15  
 Operator : AJ\SJ  
 Sample : J5769-05  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 06 07:17:06 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101718.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 18 11:23:05 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...      | 7.403  | 2920507    | 39.504 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 79.01%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.255  | 2054694    | 40.026 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 80.05%       |
| 11) S ortho-Terphenyl (SURR)       | 11.298 | 2311747    | 29.263 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 58.53%       |
| Target Compounds                   |        |            |              |
| 9) T Phenanthrene (C19.36)         | 10.520 | 387823     | 4.600 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.326 | 755926     | 8.883 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.619 | 691868     | 8.072 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.527 | 518418     | 6.232 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.527 | 518418     | 6.171 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.063 | 284233     | 3.176 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.063 | 284233     | 3.189 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.408 | 597090     | 6.622 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.769 | 358289     | 3.823 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.019 | 409747     | 4.257 ug/ml  |
| -----                              |        |            |              |

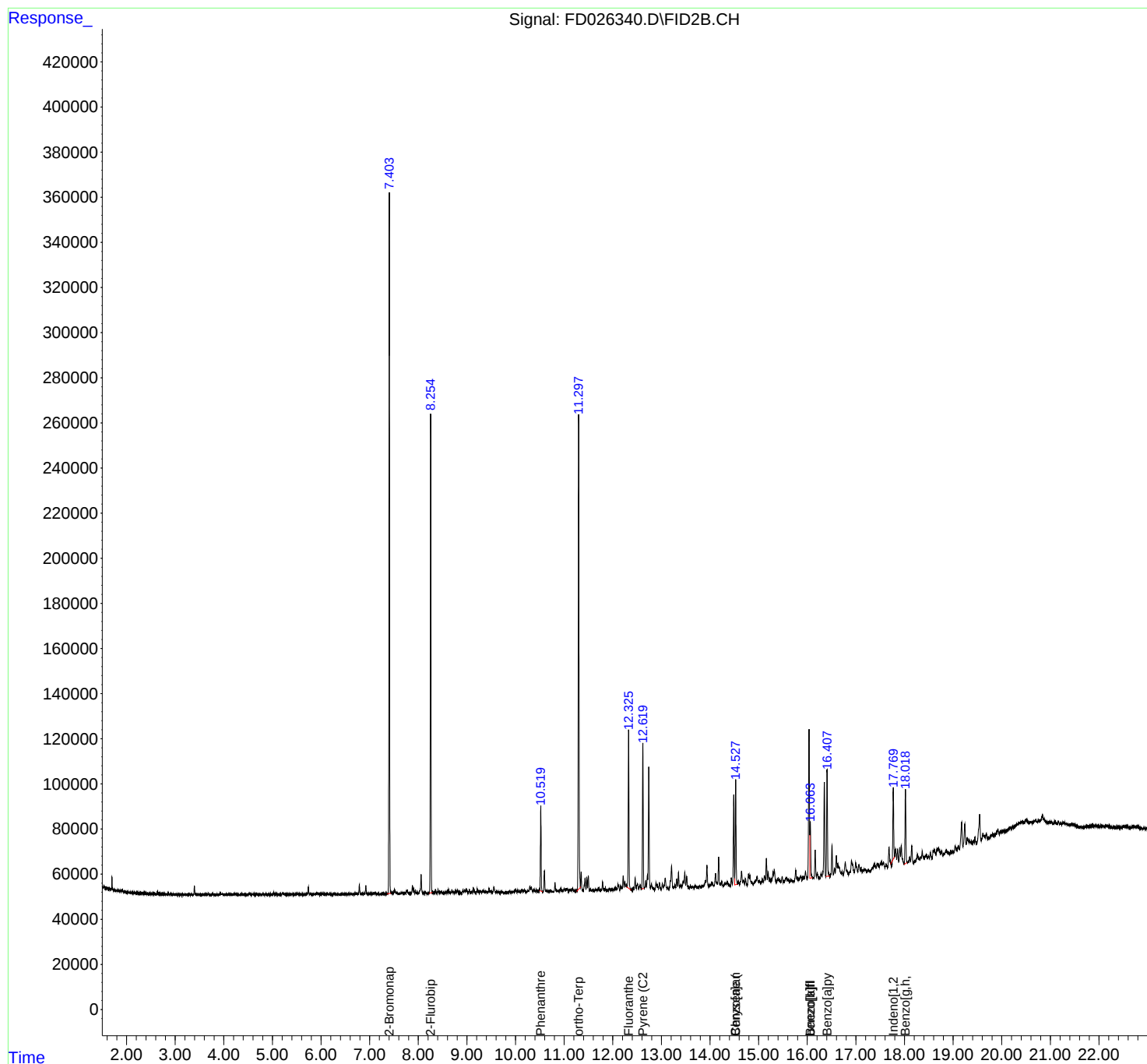
(f)=RT Delta > 1/2 Window

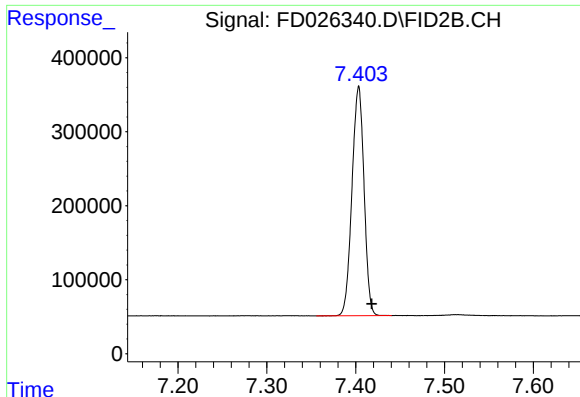
(m)=manual int.

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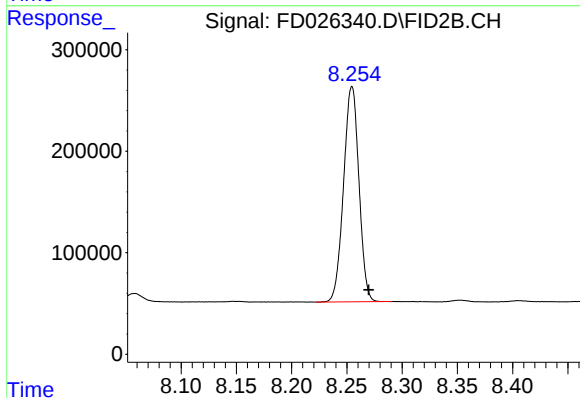
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





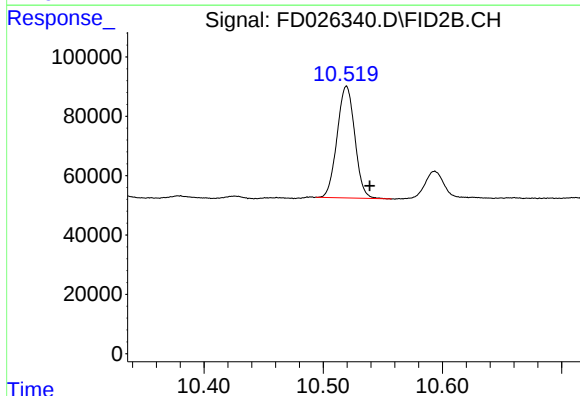
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.403 min  
Delta R.T.: -0.015 min  
Response: 2920507  
Conc: 39.50 ug/ml



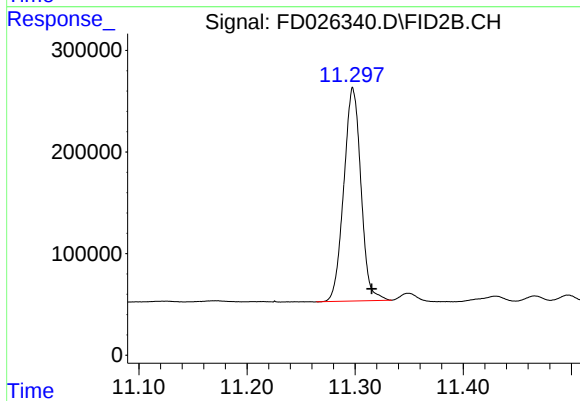
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.255 min  
Delta R.T.: -0.015 min  
Response: 2054694  
Conc: 40.03 ug/ml



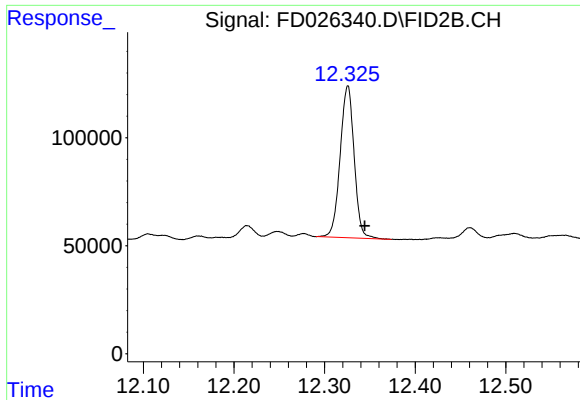
#9 Phenanthrene (C19.36)

R.T.: 10.520 min  
Delta R.T.: -0.019 min  
Response: 387823  
Conc: 4.60 ug/ml



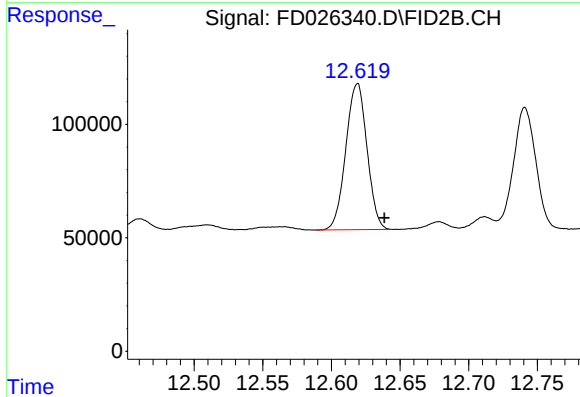
#11 ortho-Terphenyl (SURRE)

R.T.: 11.298 min  
Delta R.T.: -0.017 min  
Response: 2311747  
Conc: 29.26 ug/ml



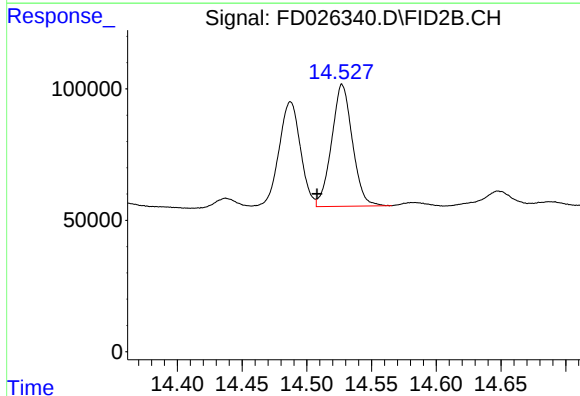
#12 Fluoranthene (C21.85)

R.T.: 12.326 min  
Delta R.T.: -0.019 min  
Response: 755926  
Conc: 8.88 ug/ml



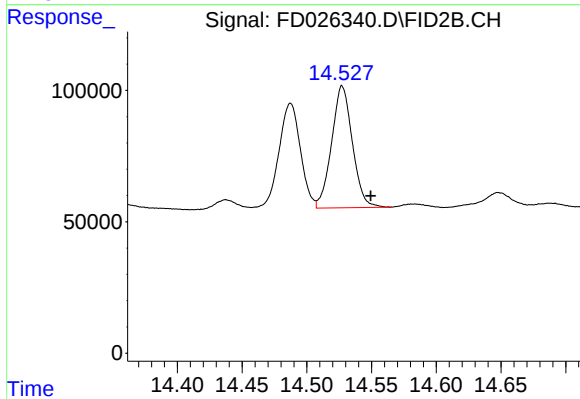
#13 Pyrene (C20.8)

R.T.: 12.619 min  
Delta R.T.: -0.020 min  
Response: 691868  
Conc: 8.07 ug/ml



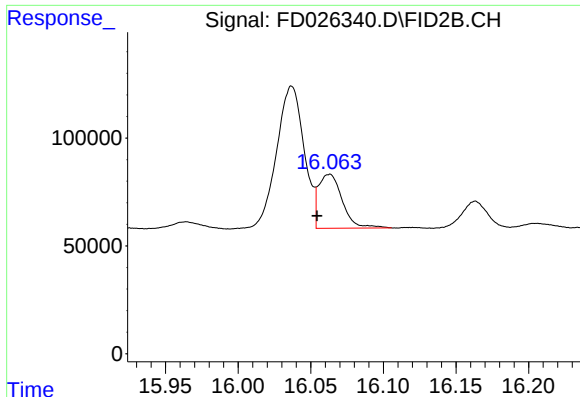
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.527 min  
Delta R.T.: 0.020 min  
Response: 518418  
Conc: 6.23 ug/ml



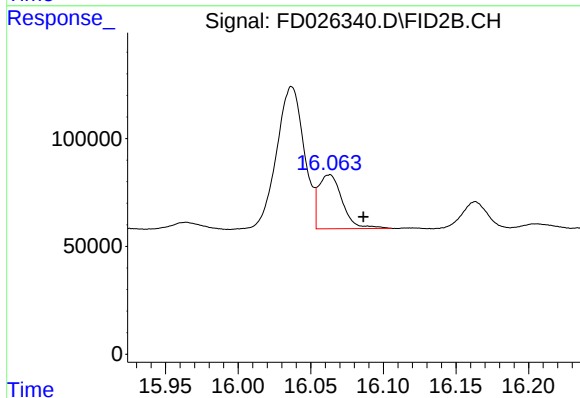
#15 Chrysene (C27.41)

R.T.: 14.527 min  
Delta R.T.: -0.022 min  
Response: 518418  
Conc: 6.17 ug/ml



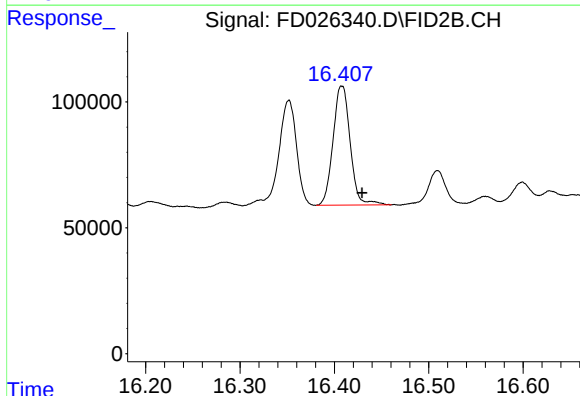
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.063 min  
Delta R.T.: 0.008 min  
Response: 284233  
Conc: 3.18 ug/ml



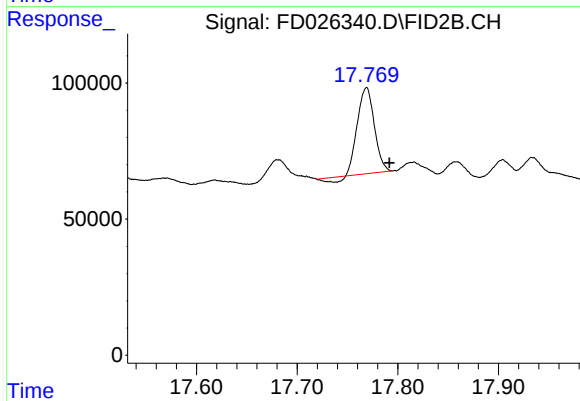
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.063 min  
Delta R.T.: -0.023 min  
Response: 284233  
Conc: 3.19 ug/ml



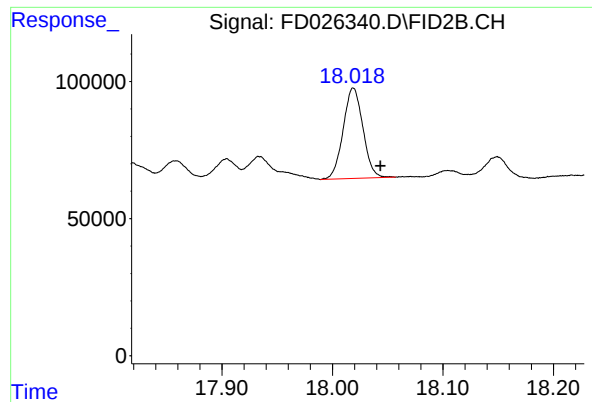
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.408 min  
Delta R.T.: -0.022 min  
Response: 597090  
Conc: 6.62 ug/ml



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

R.T.: 17.769 min  
Delta R.T.: -0.023 min  
Response: 358289  
Conc: 3.82 ug/ml



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

R.T.: 18.019 min  
Delta R.T.: -0.024 min  
Response: 409747  
Conc: 4.26 ug/ml