

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102720AR\  
 Data File : FD035165.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Oct 2020 16:53  
 Operator : DD\AJ  
 Sample : PB132640BSD  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 28 01:31:11 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102220.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 23 08:22:01 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

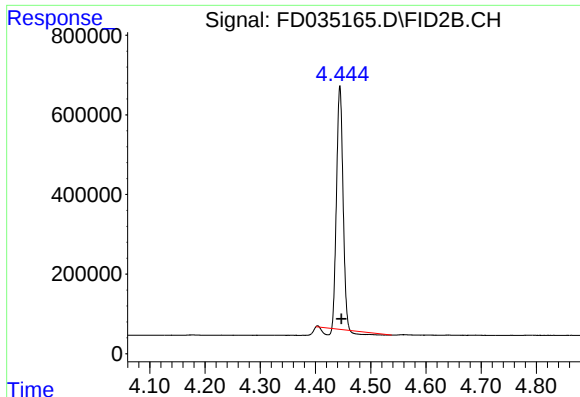
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units    |
|------------------------------------|--------|------------|---------------|
| -----                              |        |            |               |
| System Monitoring Compounds        |        |            |               |
| 4) S 2-Bromonaphthalene (S...      | 7.648  | 7138045    | 61.926 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 123.85%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.513  | 4989287    | 62.761 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 125.52%       |
| 11) S ortho-Terphenyl (SURR)       | 11.553 | 6488108    | 49.221 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 98.44%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.444  | 4658432    | 35.819 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.984  | 6013043    | 44.215 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.037  | 6127731    | 44.963 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.314  | 6139674    | 46.167 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.611  | 6557282    | 48.472 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.392  | 6589470    | 50.792 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.790 | 6719297    | 53.016 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.866 | 6700497    | 52.426 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.603 | 6638788    | 53.291 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.901 | 6558470    | 53.663 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.772 | 6021945    | 56.809 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.816 | 6386592    | 54.578 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.356 | 11189028   | 109.017 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.356 | 11189028   | 106.692 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.701 | 4965185    | 52.425 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.069 | 5120587    | 57.737 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.105 | 5125384    | 50.552 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.323 | 5075091    | 53.112 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

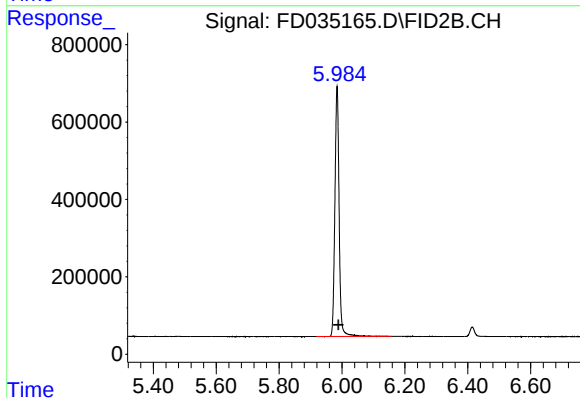
(m)=manual int.





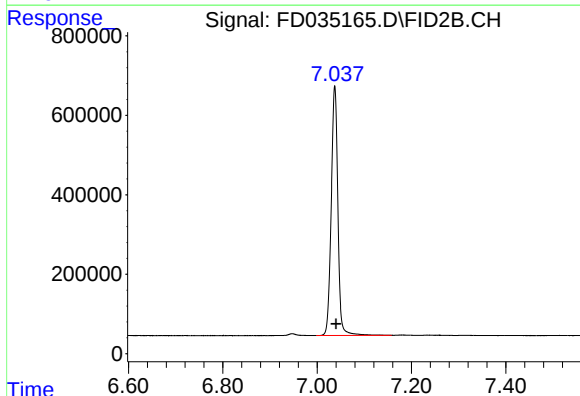
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.444 min  
Delta R.T.: -0.003 min  
Response: 4658432  
Conc: 35.82 ug/ml



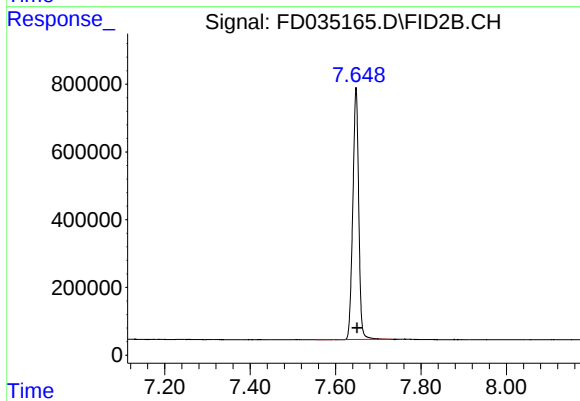
#2 Naphthalene (C11.7)

R.T.: 5.984 min  
Delta R.T.: -0.004 min  
Response: 6013043  
Conc: 44.21 ug/ml



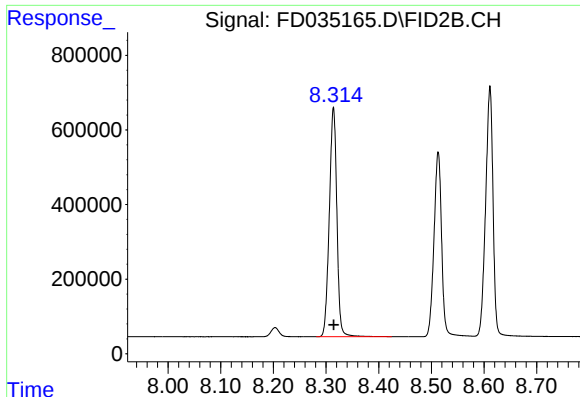
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.037 min  
Delta R.T.: -0.003 min  
Response: 6127731  
Conc: 44.96 ug/ml



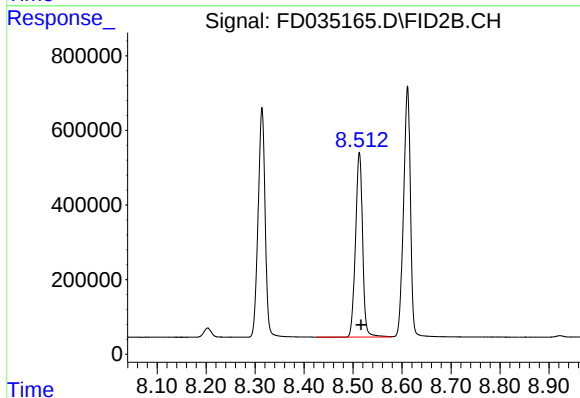
#4 2-Bromonaphthalene (SURR)

R.T.: 7.648 min  
Delta R.T.: -0.003 min  
Response: 7138045  
Conc: 61.93 ug/ml



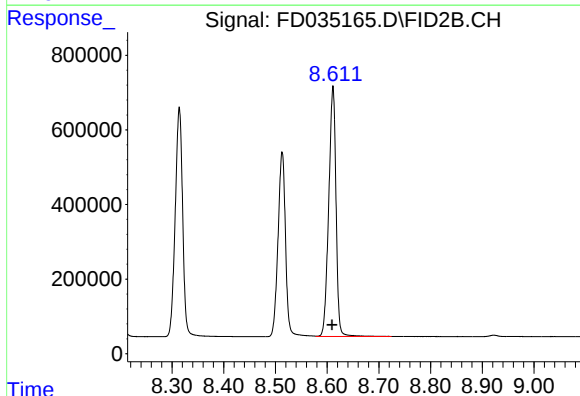
#5 Acenaphthylene (C15.06)

R.T.: 8.314 min  
Delta R.T.: 0.000 min  
Response: 6139674  
Conc: 46.17 ug/ml



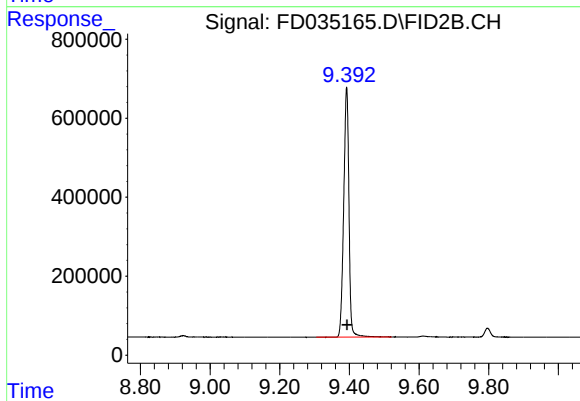
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.513 min  
Delta R.T.: -0.003 min  
Response: 4989287  
Conc: 62.76 ug/ml



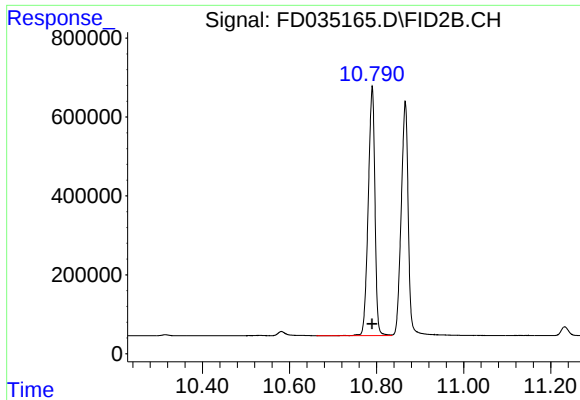
#7 Acenaphthene (C15.5)

R.T.: 8.611 min  
Delta R.T.: 0.002 min  
Response: 6557282  
Conc: 48.47 ug/ml



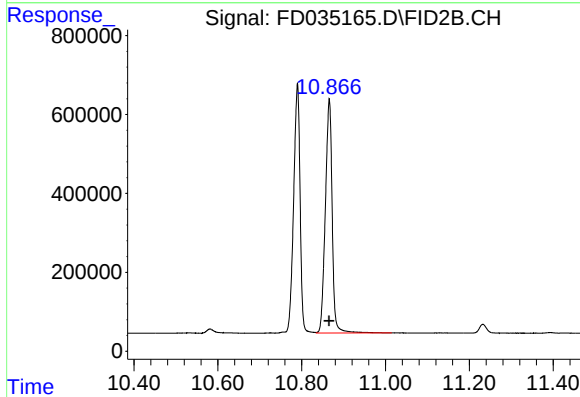
#8 Fluorene (C16.55)

R.T.: 9.392 min  
Delta R.T.: -0.002 min  
Response: 6589470  
Conc: 50.79 ug/ml



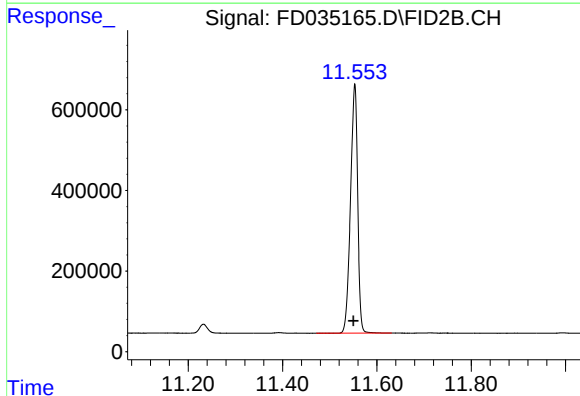
#9 Phenanthrene (C19.36)

R.T.: 10.790 min  
Delta R.T.: 0.000 min  
Response: 6719297  
Conc: 53.02 ug/ml



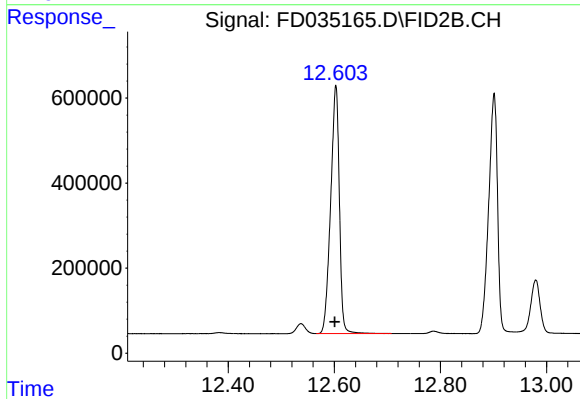
#10 Anthracene (C19.43)

R.T.: 10.866 min  
Delta R.T.: 0.000 min  
Response: 6700497  
Conc: 52.43 ug/ml



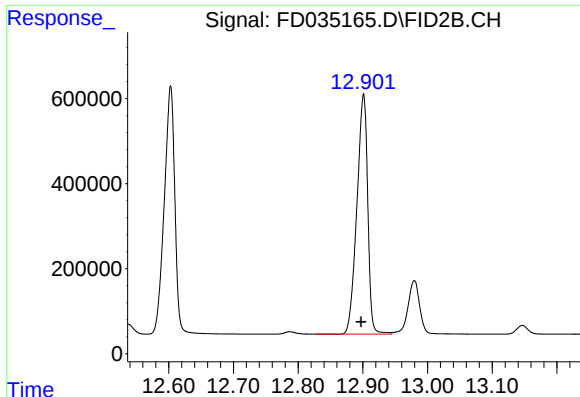
#11 ortho-Terphenyl (SURR)

R.T.: 11.553 min  
Delta R.T.: 0.002 min  
Response: 6488108  
Conc: 49.22 ug/ml



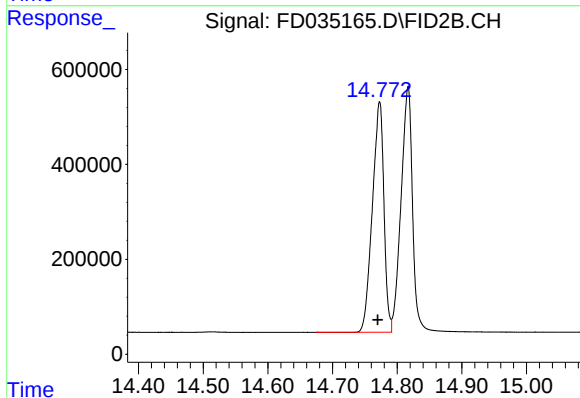
#12 Fluoranthene (C21.85)

R.T.: 12.603 min  
Delta R.T.: 0.002 min  
Response: 6638788  
Conc: 53.29 ug/ml



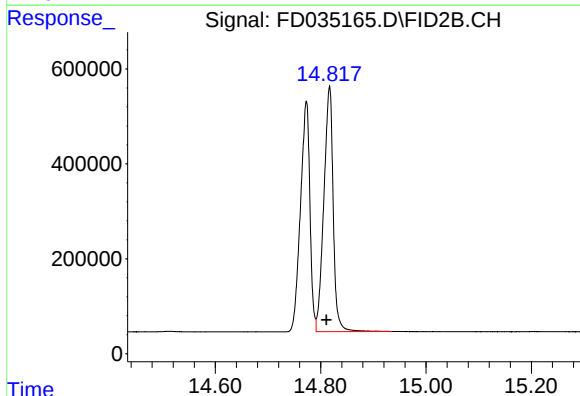
#13 Pyrene (C20.8)

R.T.: 12.901 min  
Delta R.T.: 0.003 min  
Response: 6558470  
Conc: 53.66 ug/ml



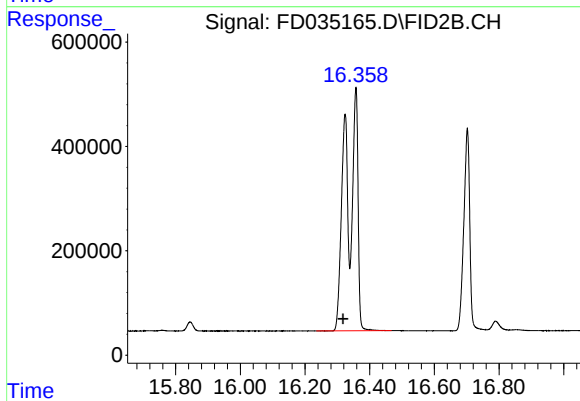
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.772 min  
Delta R.T.: 0.003 min  
Response: 6021945  
Conc: 56.81 ug/ml



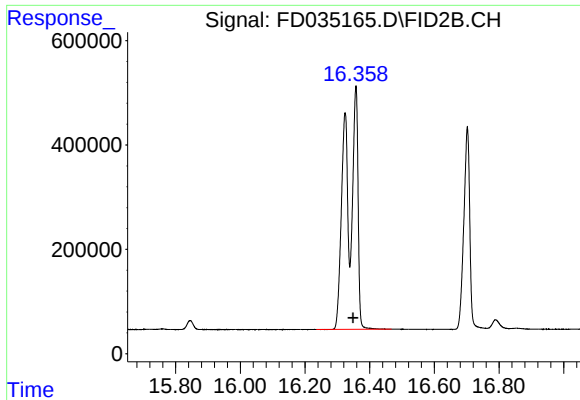
#15 Chrysene (C27.41)

R.T.: 14.816 min  
Delta R.T.: 0.006 min  
Response: 6386592  
Conc: 54.58 ug/ml



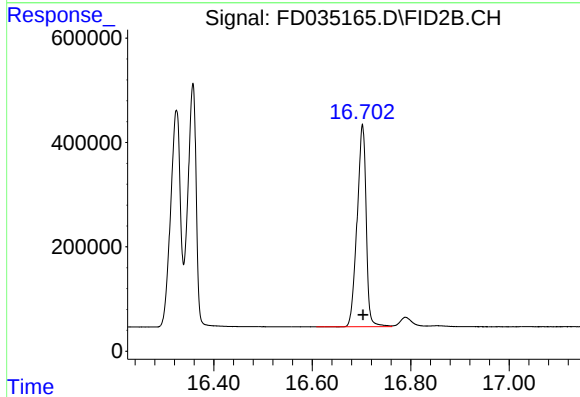
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.356 min  
Delta R.T.: 0.038 min  
Response: 11189028  
Conc: 109.02 ug/ml



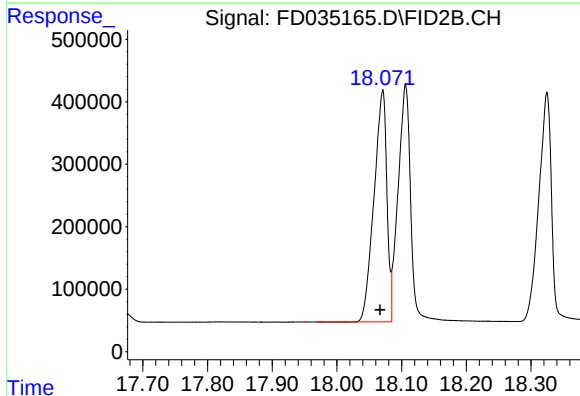
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.356 min  
Delta R.T.: 0.008 min  
Response: 11189028  
Conc: 106.69 ug/ml



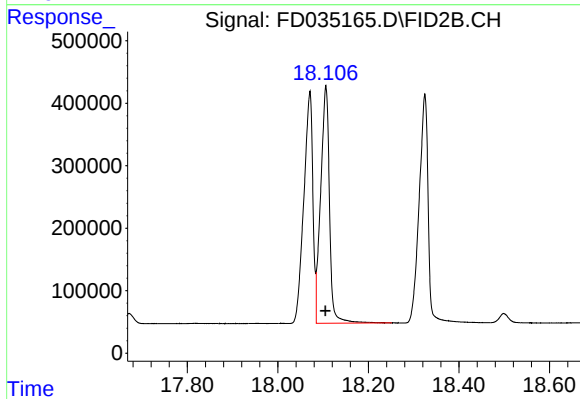
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.701 min  
Delta R.T.: -0.002 min  
Response: 4965185  
Conc: 52.43 ug/ml



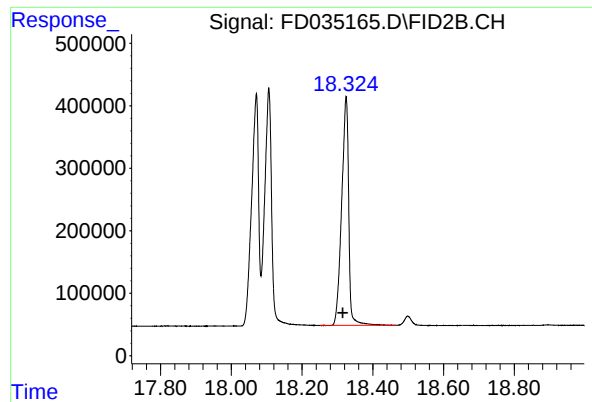
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.069 min  
Delta R.T.: 0.002 min  
Response: 5120587  
Conc: 57.74 ug/ml



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

R.T.: 18.105 min  
Delta R.T.: 0.000 min  
Response: 5125384  
Conc: 50.55 ug/ml



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

R.T.: 18.323 min  
Delta R.T.: 0.008 min  
Response: 5075091  
Conc: 53.11 ug/ml