

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122021AR\  
 Data File : FD040078.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Dec 2021 8:39  
 Operator : AJ\MA  
 Sample : M5142-01MSD  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 21 11:56:35 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 122021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 21 03:16:39 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

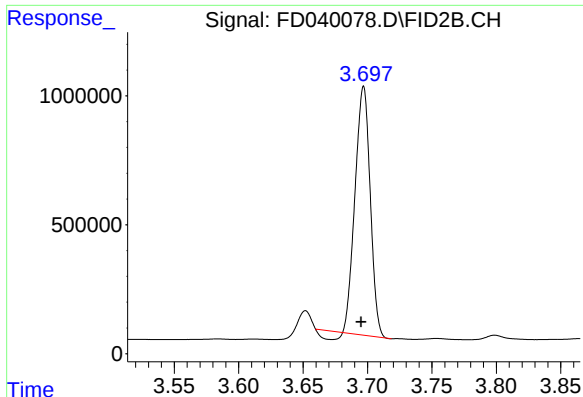
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 6.855  | 10427123   | 78.131 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 156.26%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 7.710  | 7177034    | 79.763 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 159.53%#     |
| 11) S ortho-Terphenyl (SURR)       | 10.750 | 9066846    | 65.888 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 131.78%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 3.697  | 7710919    | 53.238 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.201  | 9798306    | 64.777 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.246  | 10279413   | 67.778 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.514  | 9899030    | 71.763 ug/ml |
| 7) T Acenaphthene (C15.5)          | 7.811  | 11053804   | 75.591 ug/ml |
| 8) T Fluorene (C16.55)             | 8.589  | 11201715   | 78.019 ug/ml |
| 9) T Phenanthrene (C19.36)         | 9.982  | 11684306   | 83.733 ug/ml |
| 10) T Anthracene (C19.43)          | 10.057 | 10696292   | 79.804 ug/ml |
| 12) T Fluoranthene (C21.85)        | 11.790 | 11404339   | 84.144 ug/ml |
| 13) T Pyrene (C20.8)               | 12.086 | 11116357   | 84.501 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 13.955 | 9820928    | 81.385 ug/ml |
| 15) T Chrysene (C27.41)            | 13.955 | 9820928    | 77.985 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.510 | 9912098    | 80.511 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.510 | 9912098    | 81.297 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 15.886 | 8143292    | 67.598 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.189 | 109780     | 0.930 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.255 | 7861908    | 67.836 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.514 | 8095292    | 67.071 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

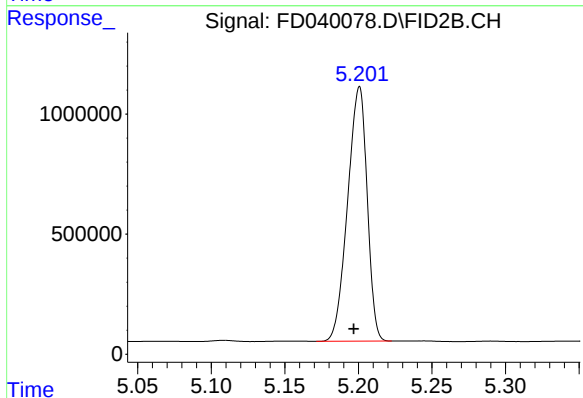
(m)=manual int.





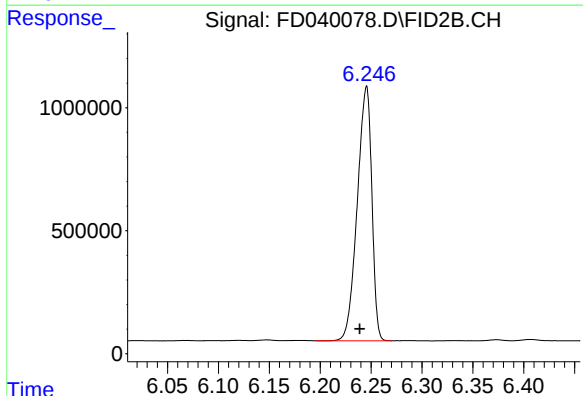
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.697 min  
Delta R.T.: 0.002 min  
Response: 7710919  
Conc: 53.24 ug/ml



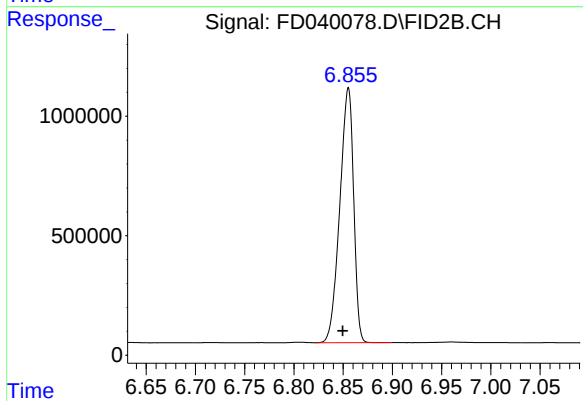
#2 Naphthalene (C11.7)

R.T.: 5.201 min  
Delta R.T.: 0.004 min  
Response: 9798306  
Conc: 64.78 ug/ml



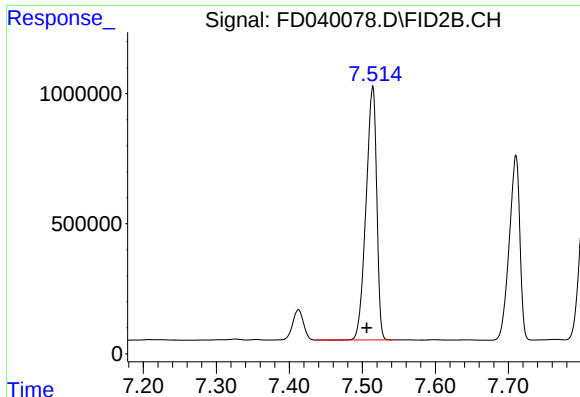
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.246 min  
Delta R.T.: 0.007 min  
Response: 10279413  
Conc: 67.78 ug/ml



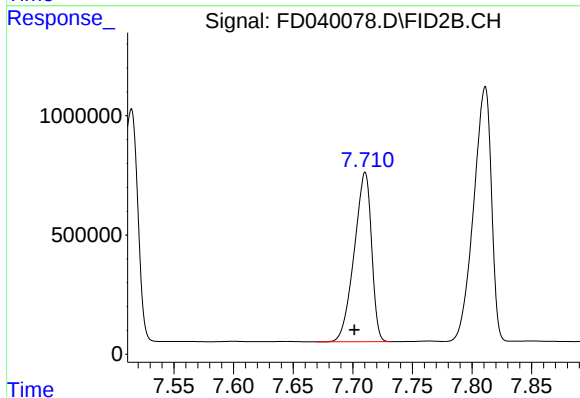
#4 2-Bromonaphthalene (SURR)

R.T.: 6.855 min  
Delta R.T.: 0.006 min  
Response: 10427123  
Conc: 78.13 ug/ml



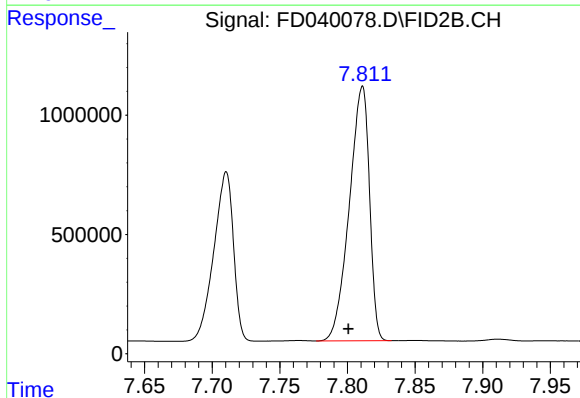
#5 Acenaphthylene (C15.06)

R.T.: 7.514 min  
Delta R.T.: 0.008 min  
Response: 9899030  
Conc: 71.76 ug/ml



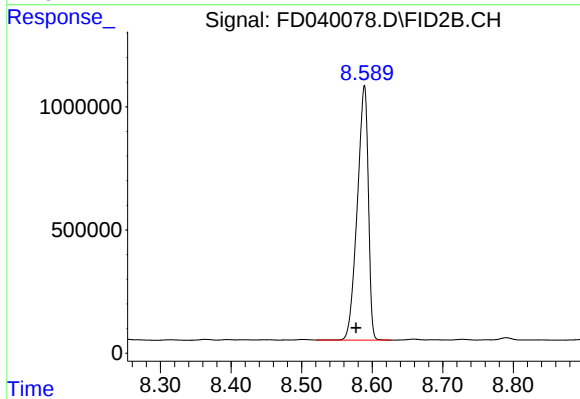
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.710 min  
Delta R.T.: 0.009 min  
Response: 7177034  
Conc: 79.76 ug/ml



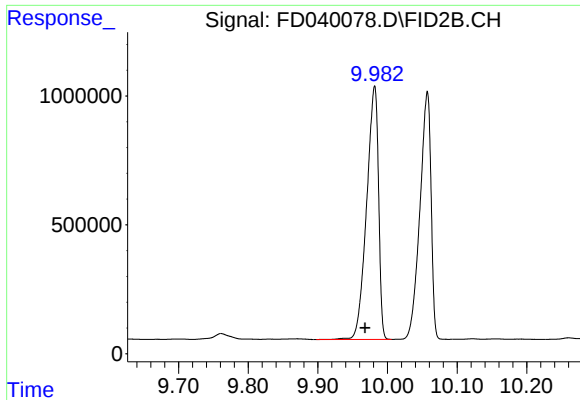
#7 Acenaphthene (C15.5)

R.T.: 7.811 min  
Delta R.T.: 0.011 min  
Response: 11053804  
Conc: 75.59 ug/ml



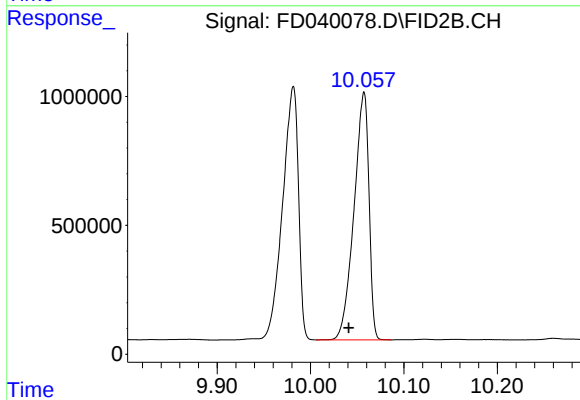
#8 Fluorene (C16.55)

R.T.: 8.589 min  
Delta R.T.: 0.012 min  
Response: 11201715  
Conc: 78.02 ug/ml



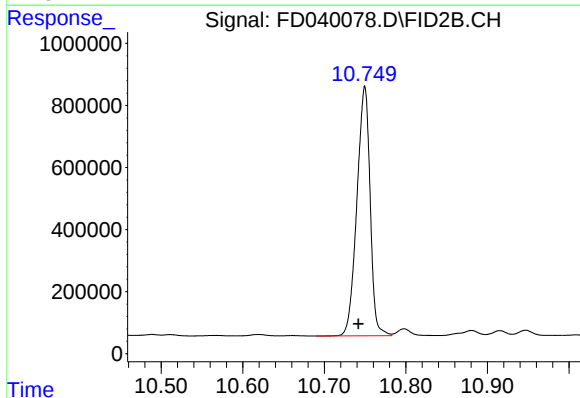
#9 Phenanthrene (C19.36)

R.T.: 9.982 min  
Delta R.T.: 0.014 min  
Response: 11684306  
Conc: 83.73 ug/ml



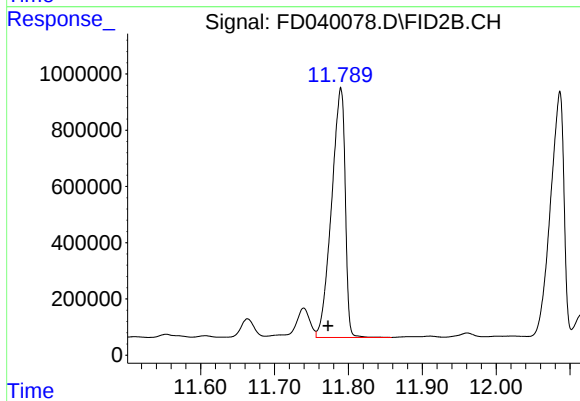
#10 Anthracene (C19.43)

R.T.: 10.057 min  
Delta R.T.: 0.017 min  
Response: 10696292  
Conc: 79.80 ug/ml



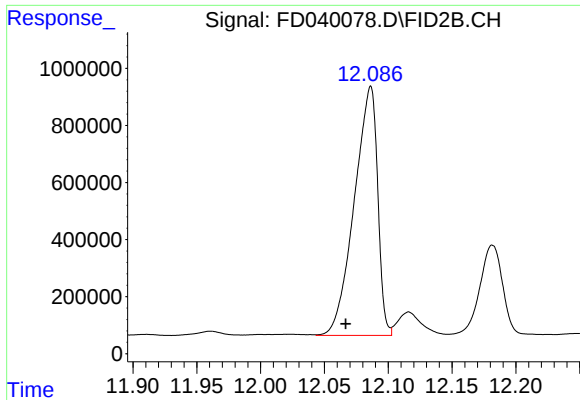
#11 ortho-Terphenyl (SURR)

R.T.: 10.750 min  
Delta R.T.: 0.008 min  
Response: 9066846  
Conc: 65.89 ug/ml



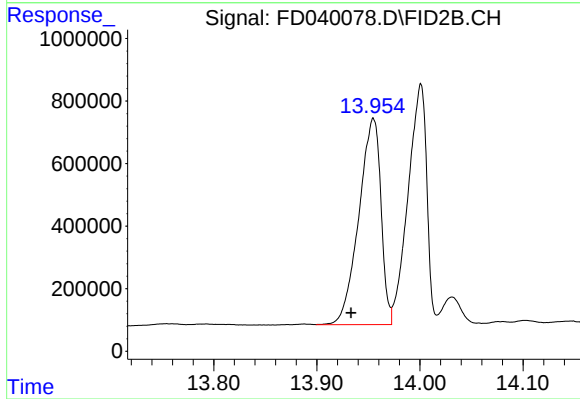
#12 Fluoranthene (C21.85)

R.T.: 11.790 min  
Delta R.T.: 0.017 min  
Response: 11404339  
Conc: 84.14 ug/ml



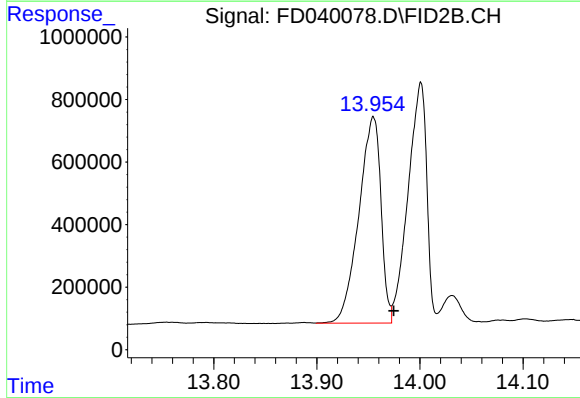
#13 Pyrene (C20.8)

R.T.: 12.086 min  
Delta R.T.: 0.019 min  
Response: 11116357  
Conc: 84.50 ug/ml



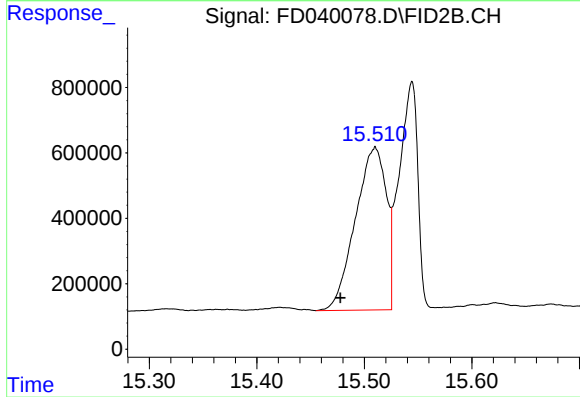
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.955 min  
Delta R.T.: 0.022 min  
Response: 9820928  
Conc: 81.38 ug/ml



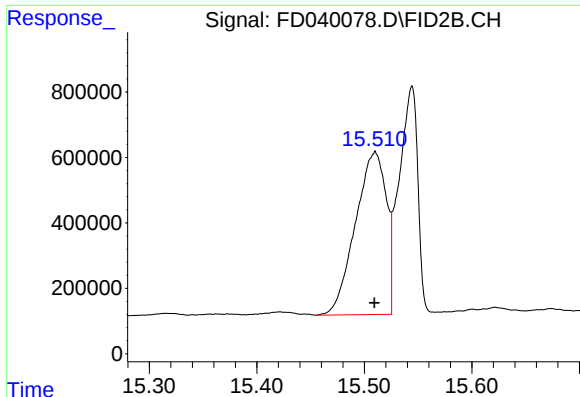
#15 Chrysene (C27.41)

R.T.: 13.955 min  
Delta R.T.: -0.020 min  
Response: 9820928  
Conc: 77.99 ug/ml



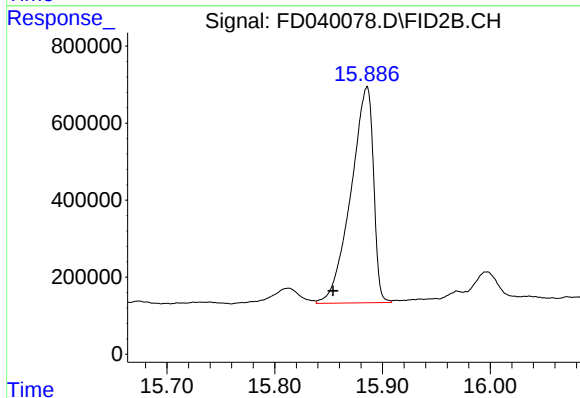
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.510 min  
Delta R.T.: 0.032 min  
Response: 9912098  
Conc: 80.51 ug/ml



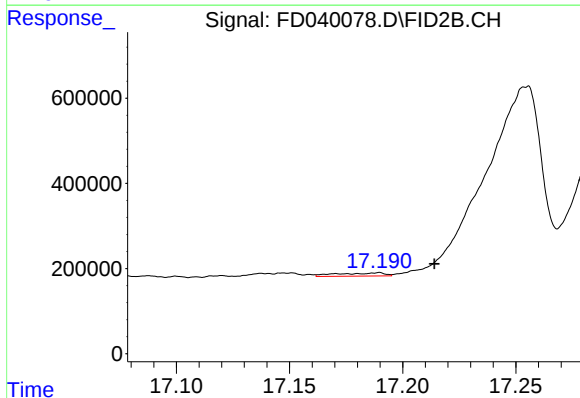
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.510 min  
Delta R.T.: 0.000 min  
Response: 9912098  
Conc: 81.30 ug/ml



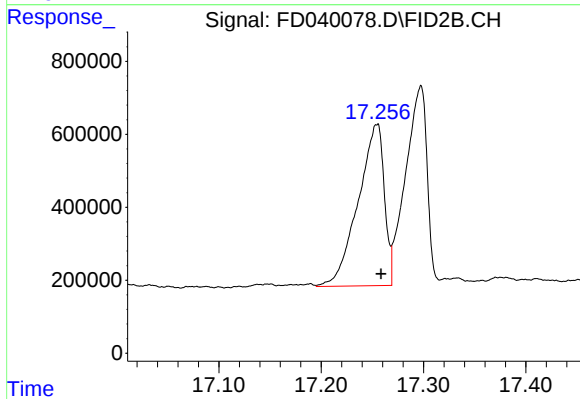
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.886 min  
Delta R.T.: 0.032 min  
Response: 8143292  
Conc: 67.60 ug/ml



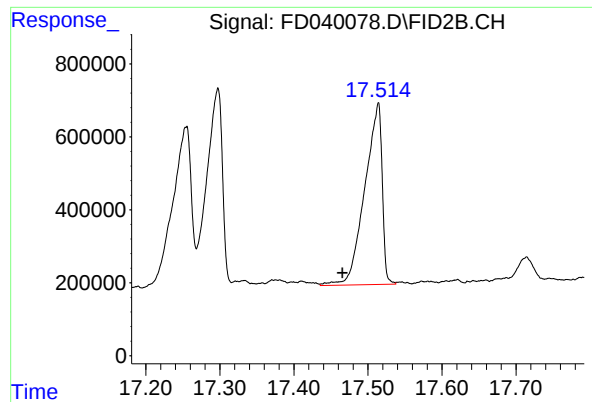
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.189 min  
Delta R.T.: -0.025 min  
Response: 109780  
Conc: 0.93 ug/ml



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

R.T.: 17.255 min  
Delta R.T.: -0.004 min  
Response: 7861908  
Conc: 67.84 ug/ml



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

R.T.: 17.514 min  
Delta R.T.: 0.048 min  
Response: 8095292  
Conc: 67.07 ug/ml