

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042619AR\  
 Data File : FD029072.D  
 Signal(s) : FID2B.CH  
 Acq On : 26 Apr 2019 16:26  
 Operator : AJ\SJ  
 Sample : K2554-01MSD  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 27 00:19:40 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 041919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 19 05:29:12 2019  
 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...      | 7.089  | 4553060    | 45.647 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 91.29%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 7.956  | 3101933    | 45.264 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 90.53%       |
| 11) S ortho-Terphenyl (SURR)       | 10.994 | 3671465    | 34.459 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 68.92%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 3.912  | 3004313    | 31.778 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.434  | 3897570    | 36.472 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.482  | 4275855    | 39.067 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.759  | 4357653    | 40.703 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.055  | 4552640    | 40.505 ug/ml |
| 8) T Fluorene (C16.55)             | 8.835  | 4626306    | 41.338 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.234 | 5367701    | 50.001 ug/ml |
| 10) T Anthracene (C19.43)          | 10.309 | 4878134    | 45.858 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.051 | 7861671    | 78.241 ug/ml |
| 13) T Pyrene (C20.8)               | 12.349 | 7133749    | 70.284 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.215 | 5951941    | 58.686 ug/ml |
| 15) T Chrysene (C27.41)            | 14.260 | 6181784    | 60.640 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.764 | 5996404    | 55.889 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.764 | 5996404    | 56.473 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.145 | 5415014    | 50.696 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.509 | 5584795    | 51.707 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.509 | 5584795    | 52.680 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.768 | 5519887    | 51.562 ug/ml |
| -----                              |        |            |              |

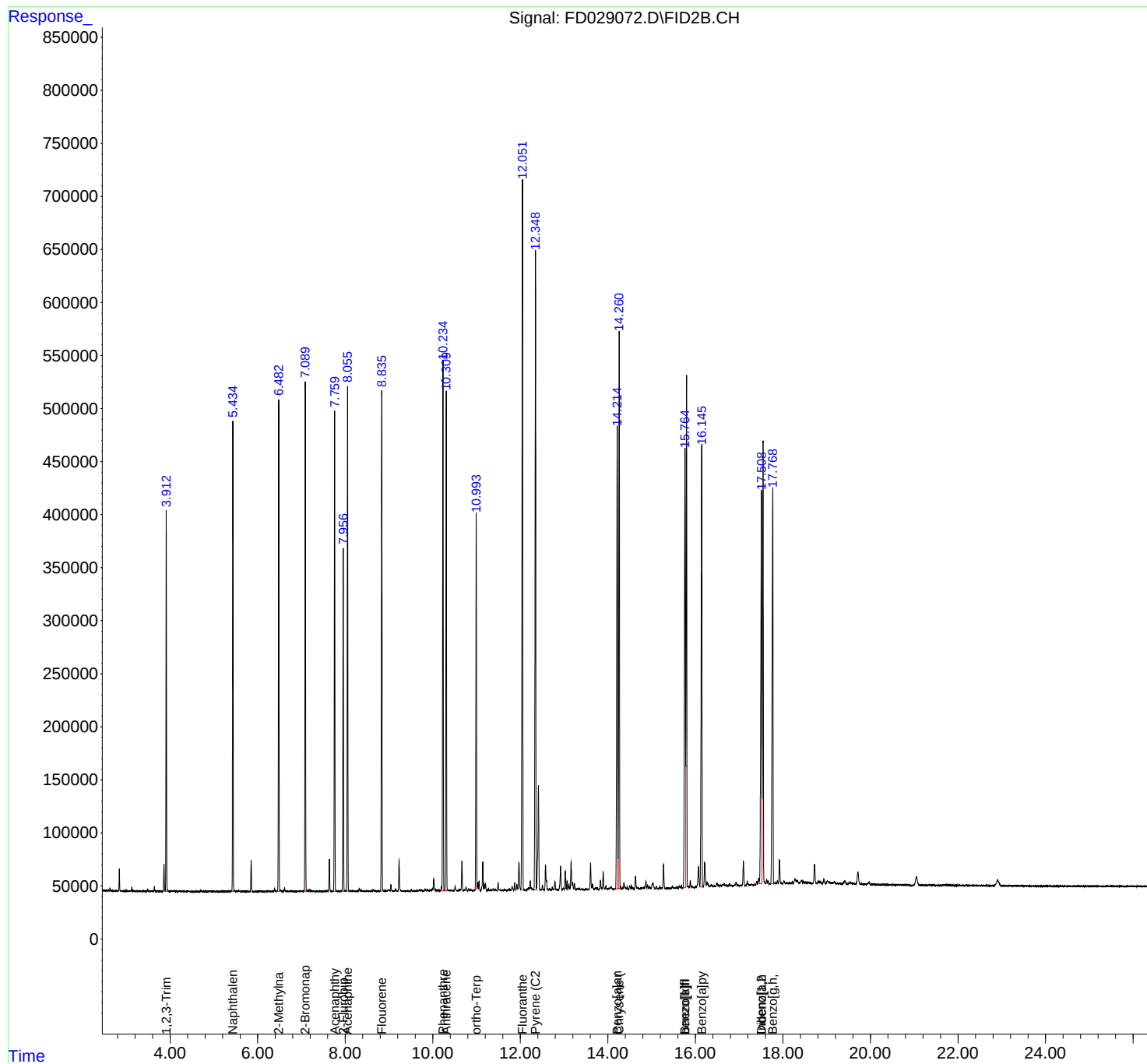
(f)=RT Delta > 1/2 Window

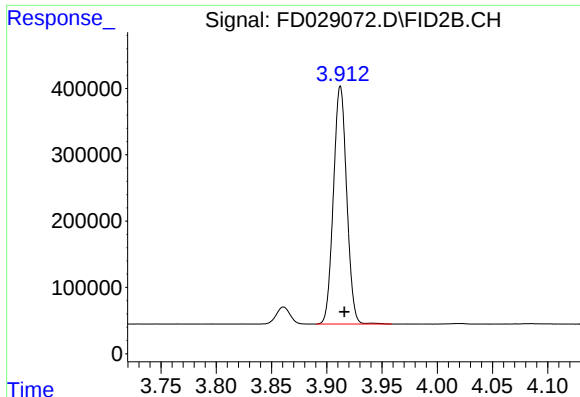
(m)=manual int.

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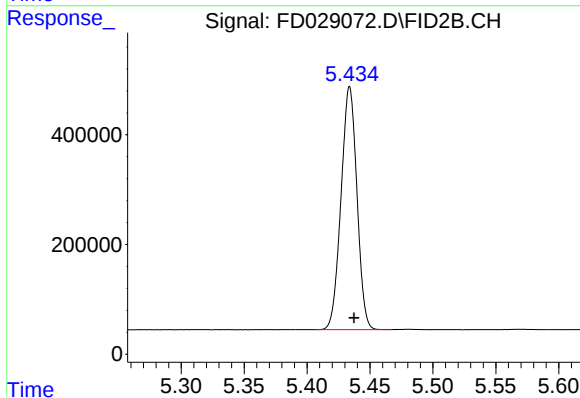
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





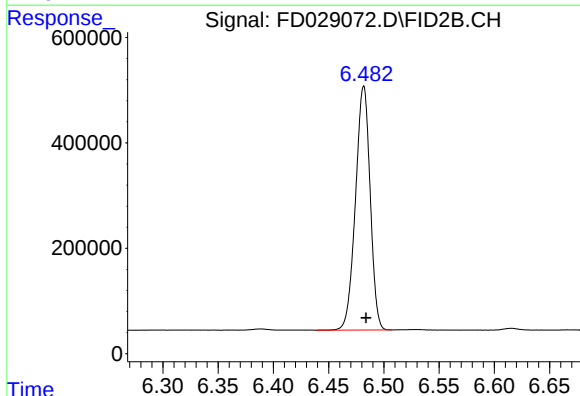
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.912 min  
Delta R.T.: -0.004 min  
Response: 3004313  
Conc: 31.78 ug/ml



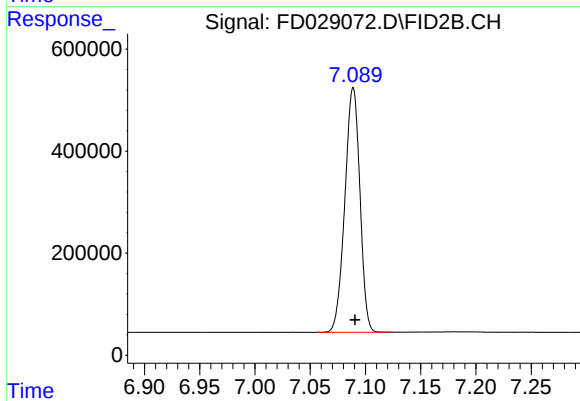
#2 Naphthalene (C11.7)

R.T.: 5.434 min  
Delta R.T.: -0.003 min  
Response: 3897570  
Conc: 36.47 ug/ml



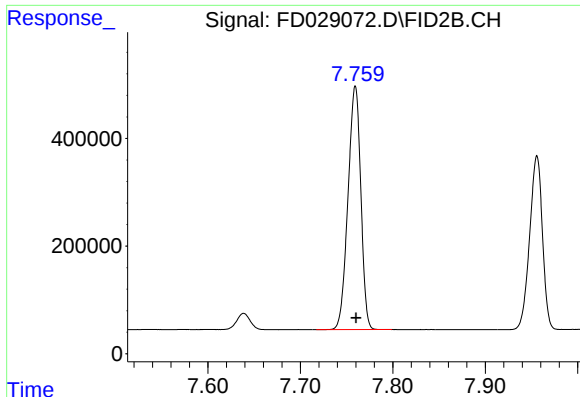
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.482 min  
Delta R.T.: -0.002 min  
Response: 4275855  
Conc: 39.07 ug/ml



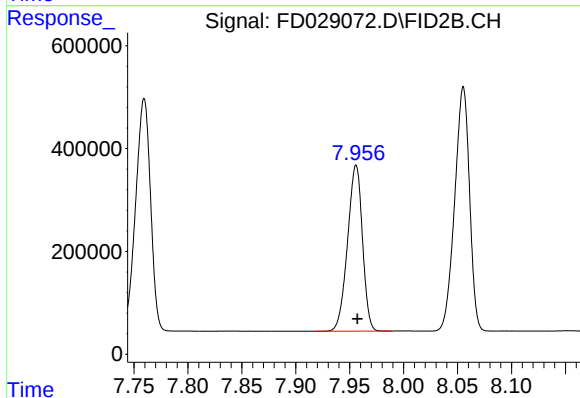
#4 2-Bromonaphthalene (SURR)

R.T.: 7.089 min  
Delta R.T.: -0.002 min  
Response: 4553060  
Conc: 45.65 ug/ml



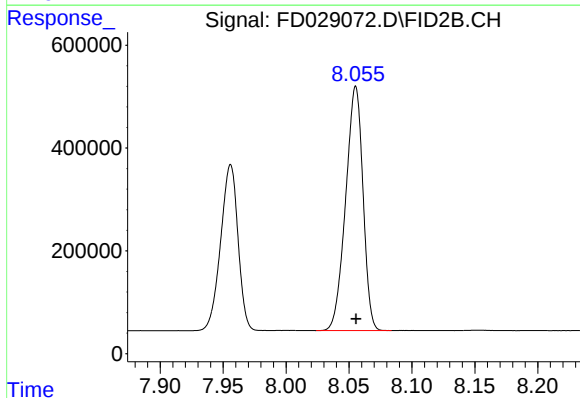
#5 Acenaphthylene (C15.06)

R.T.: 7.759 min  
Delta R.T.: 0.000 min  
Response: 4357653  
Conc: 40.70 ug/ml



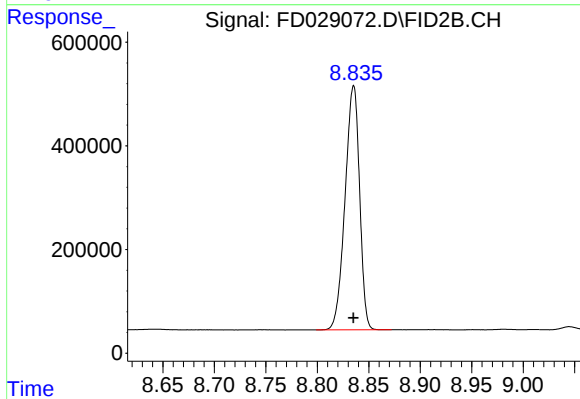
#6 2-Fluorobiphenyl (SURRE)

R.T.: 7.956 min  
Delta R.T.: -0.001 min  
Response: 3101933  
Conc: 45.26 ug/ml



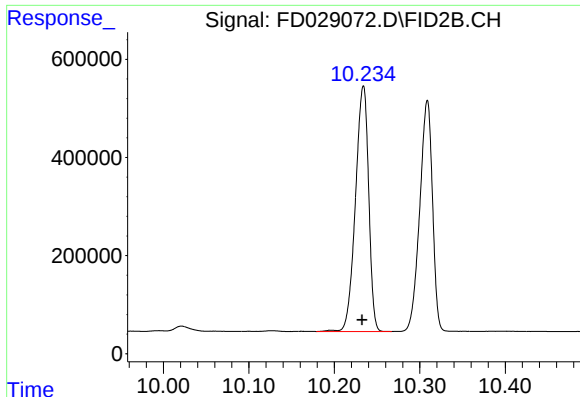
#7 Acenaphthene (C15.5)

R.T.: 8.055 min  
Delta R.T.: 0.000 min  
Response: 4552640  
Conc: 40.50 ug/ml



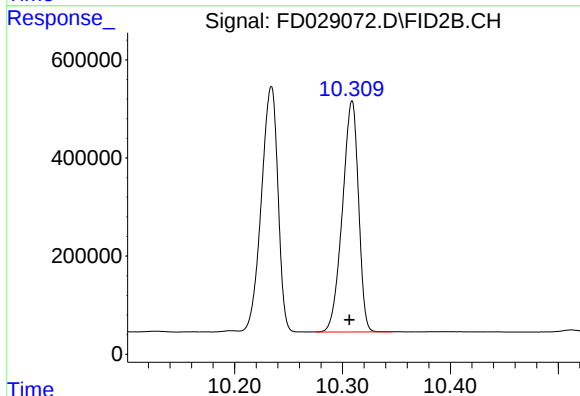
#8 Fluorene (C16.55)

R.T.: 8.835 min  
Delta R.T.: 0.000 min  
Response: 4626306  
Conc: 41.34 ug/ml



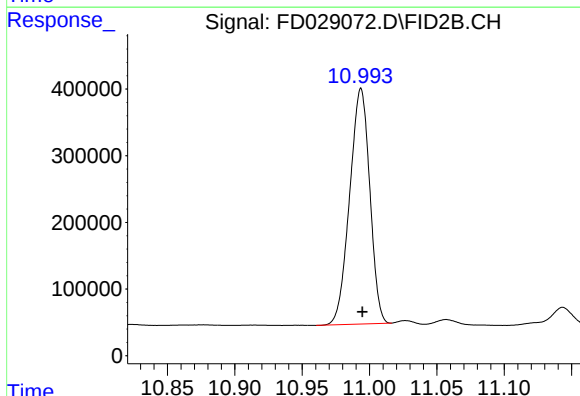
#9 Phenanthrene (C19.36)

R.T.: 10.234 min  
Delta R.T.: 0.002 min  
Response: 5367701  
Conc: 50.00 ug/ml



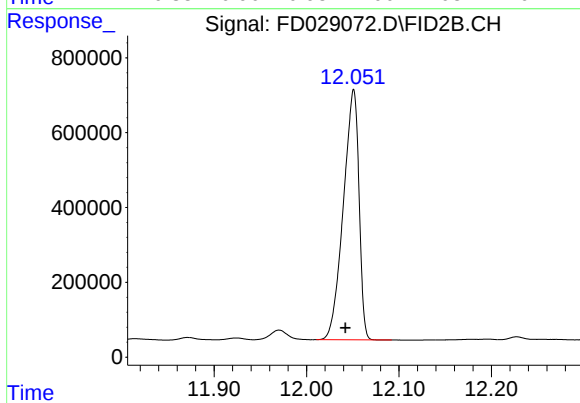
#10 Anthracene (C19.43)

R.T.: 10.309 min  
Delta R.T.: 0.003 min  
Response: 4878134  
Conc: 45.86 ug/ml



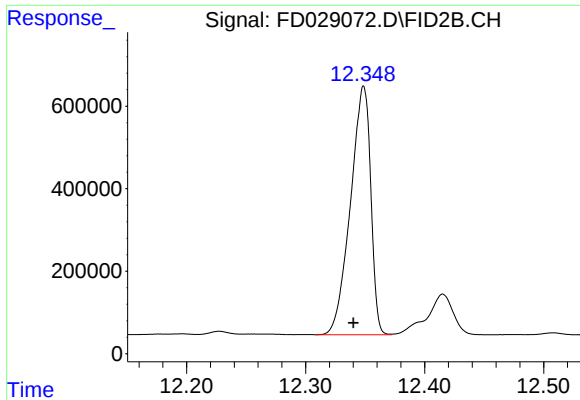
#11 ortho-Terphenyl (SURR)

R.T.: 10.994 min  
Delta R.T.: -0.001 min  
Response: 3671465  
Conc: 34.46 ug/ml



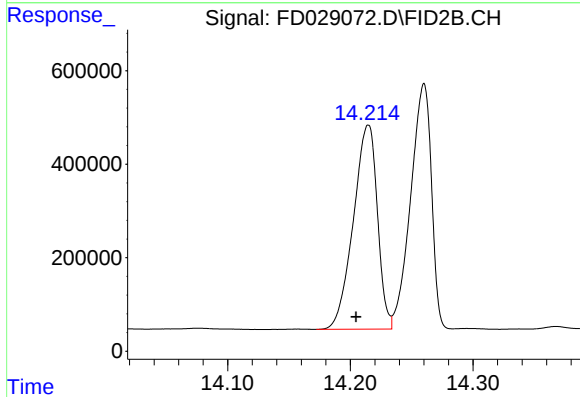
#12 Fluoranthene (C21.85)

R.T.: 12.051 min  
Delta R.T.: 0.009 min  
Response: 7861671  
Conc: 78.24 ug/ml



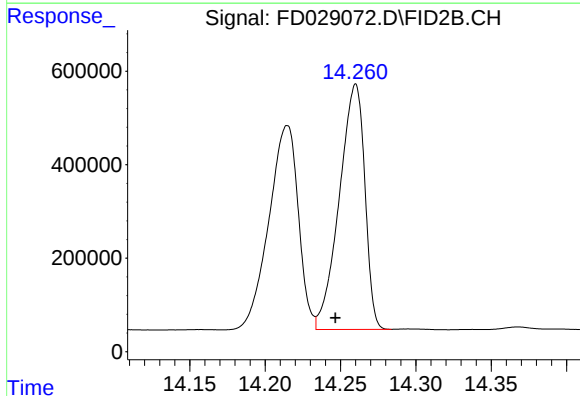
#13 Pyrene (C20.8)

R.T.: 12.349 min  
Delta R.T.: 0.009 min  
Response: 7133749  
Conc: 70.28 ug/ml



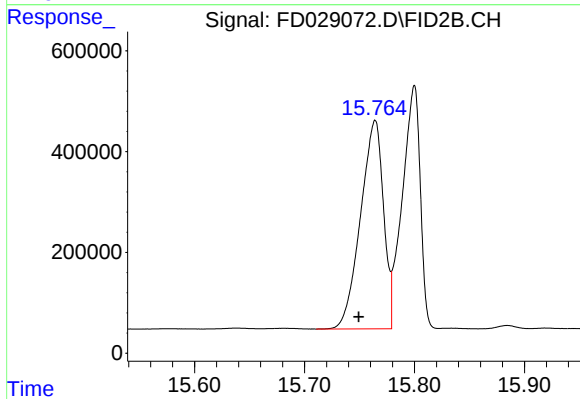
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.215 min  
Delta R.T.: 0.010 min  
Response: 5951941  
Conc: 58.69 ug/ml



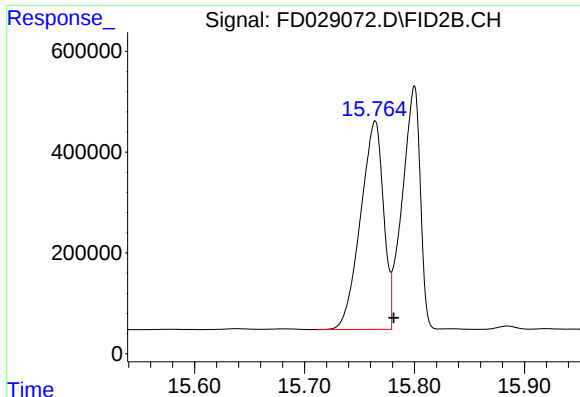
#15 Chrysene (C27.41)

R.T.: 14.260 min  
Delta R.T.: 0.014 min  
Response: 6181784  
Conc: 60.64 ug/ml



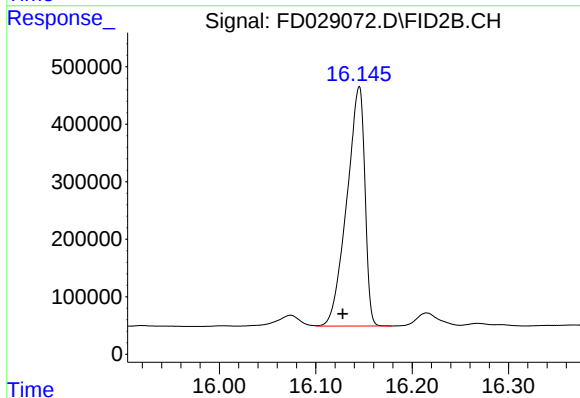
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.764 min  
Delta R.T.: 0.015 min  
Response: 5996404  
Conc: 55.89 ug/ml



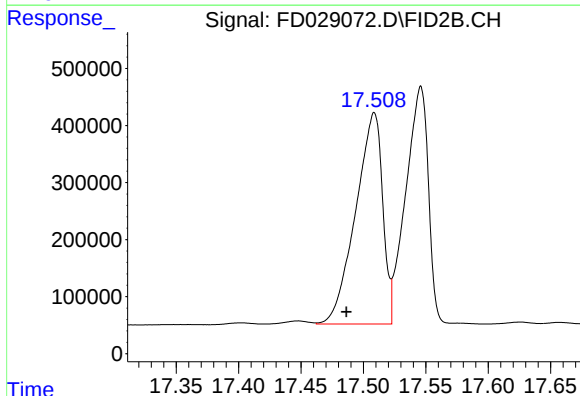
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.764 min  
Delta R.T.: -0.017 min  
Response: 5996404  
Conc: 56.47 ug/ml



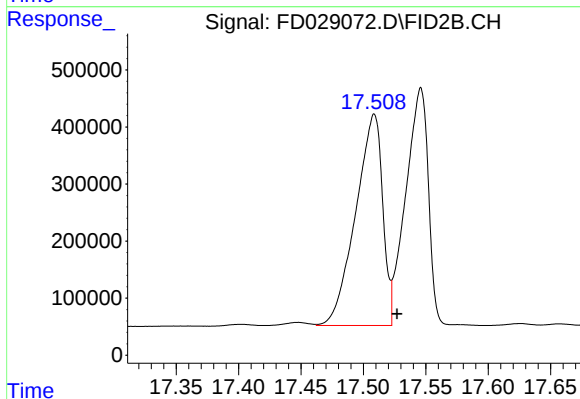
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.145 min  
Delta R.T.: 0.017 min  
Response: 5415014  
Conc: 50.70 ug/ml



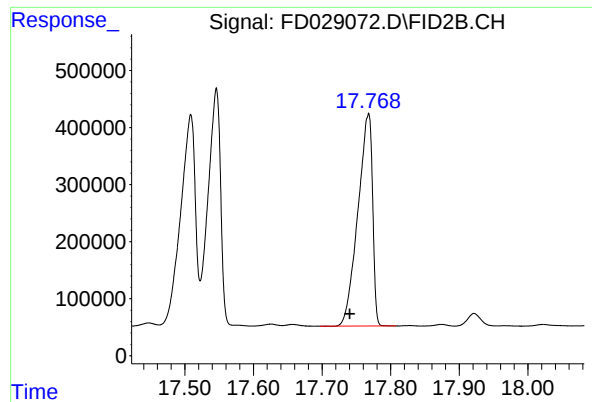
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.509 min  
Delta R.T.: 0.022 min  
Response: 5584795  
Conc: 51.71 ug/ml



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

R.T.: 17.509 min  
Delta R.T.: -0.018 min  
Response: 5584795  
Conc: 52.68 ug/ml



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

R.T.: 17.768 min  
Delta R.T.: 0.027 min  
Response: 5519887  
Conc: 51.56 ug/ml