

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032222AR\  
 Data File : FD041656.D  
 Signal(s) : FID2B.CH  
 Acq On : 22 Mar 2022 16:13  
 Operator : UA/NP  
 Sample : 10 PPM AROMATIC HC STD4  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 22 16:53:17 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 22 16:42:32 2022  
 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...      | 7.351  | 1751226    | 11.434 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 22.87%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.202  | 1043963    | 10.386 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 20.77%       |
| 11) S ortho-Terphenyl (SURR)       | 11.229 | 2151026    | 11.944 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 23.89%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.174  | 1920449    | 11.663 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.695  | 1923654    | 11.222 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.740  | 1698650    | 10.935 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.002  | 2038278    | 11.698 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.294  | 2131185    | 12.051 ug/ml |
| 8) T Fluorene (C16.55)             | 9.073  | 1918968    | 11.331 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.460 | 1893812    | 11.253 ug/ml |
| 10) T Anthracene (C19.43)          | 10.535 | 2023474    | 11.877 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.263 | 1942854    | 11.679 ug/ml |
| 13) T Pyrene (C20.8)               | 12.556 | 1849488    | 11.413 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.426 | 1592404    | 10.587 ug/ml |
| 15) T Chrysene (C27.41)            | 14.466 | 2049442    | 12.847 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.971 | 1589649    | 10.874 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.003 | 1866908    | 12.819 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.352 | 1532465    | 11.270 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.715 | 1095321    | 9.582 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.757 | 1635698    | 12.342 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.965 | 1459326    | 11.553 ug/ml |
| -----                              |        |            |              |

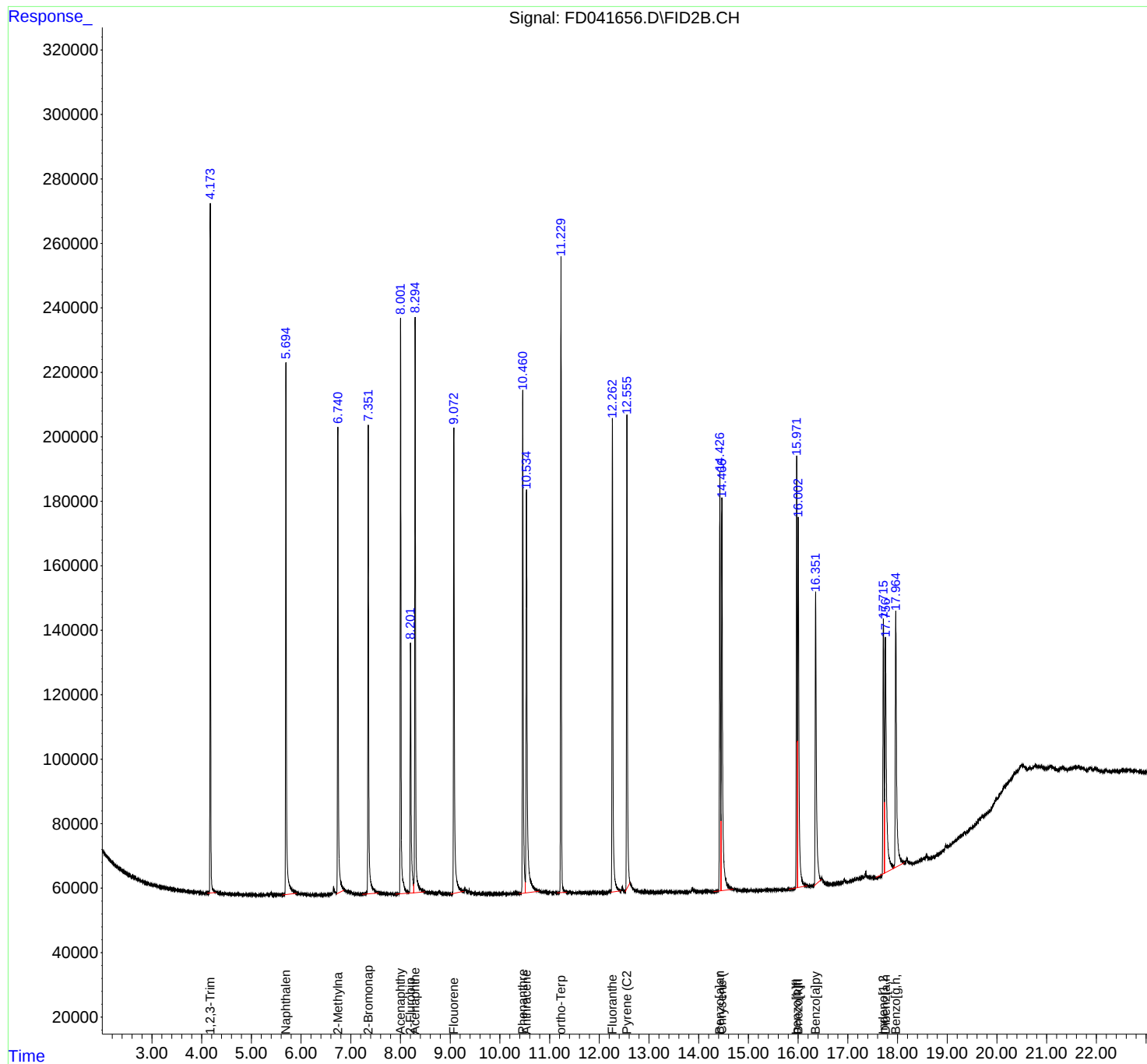
(f)=RT Delta > 1/2 Window

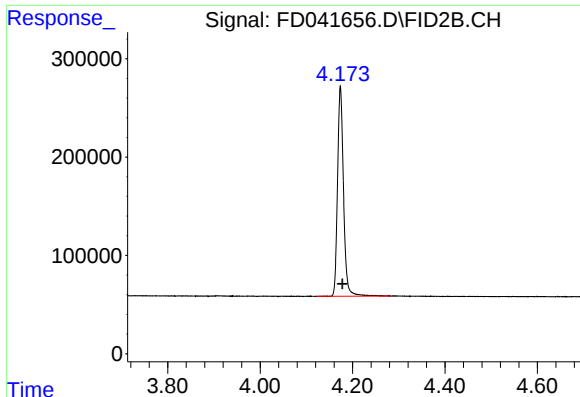
(m)=manual int.

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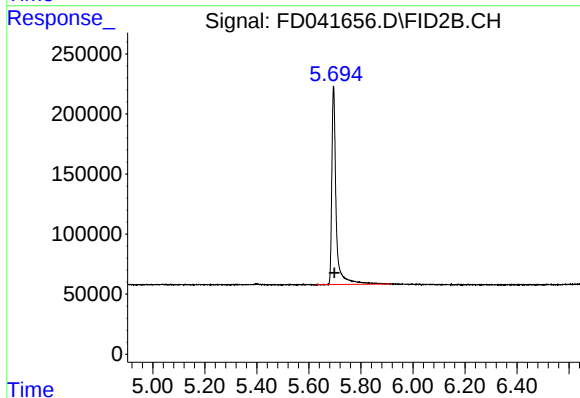
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





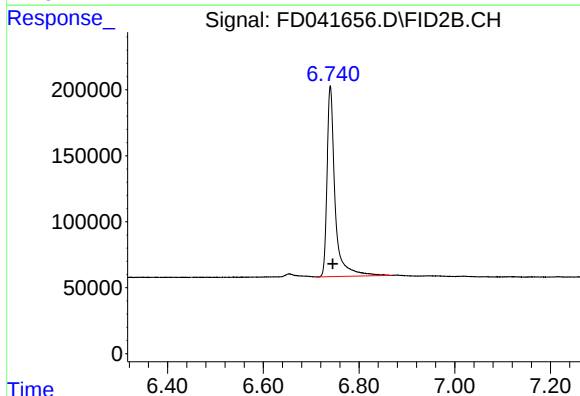
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.174 min  
Delta R.T.: -0.004 min  
Response: 1920449  
Conc: 11.66 ug/ml



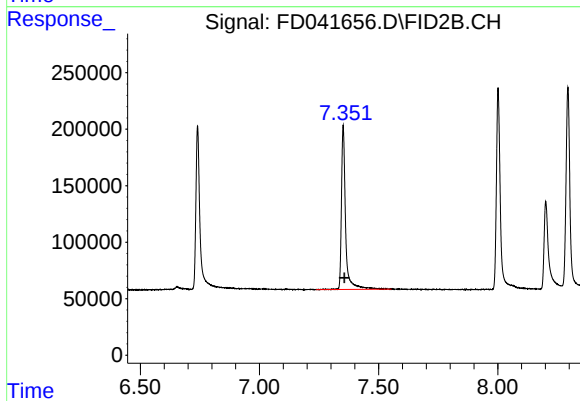
#2 Naphthalene (C11.7)

R.T.: 5.695 min  
Delta R.T.: -0.003 min  
Response: 1923654  
Conc: 11.22 ug/ml



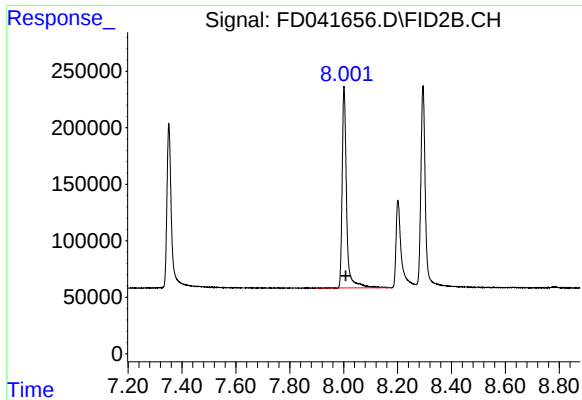
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min  
Delta R.T.: -0.004 min  
Response: 1698650  
Conc: 10.93 ug/ml



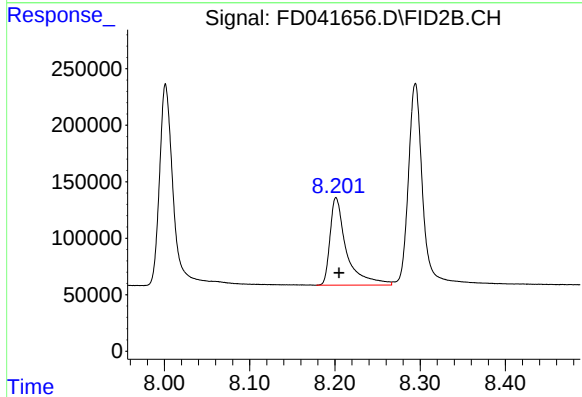
#4 2-Bromonaphthalene (SURR)

R.T.: 7.351 min  
Delta R.T.: -0.004 min  
Response: 1751226  
Conc: 11.43 ug/ml



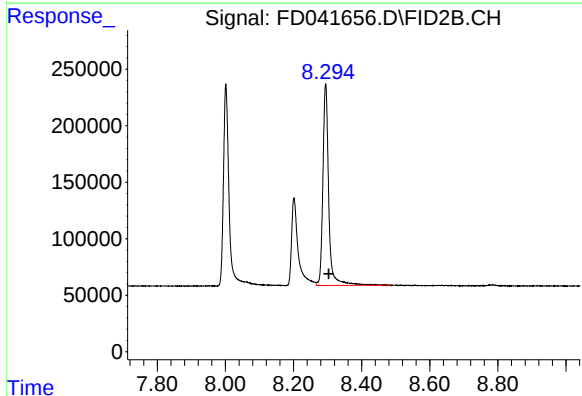
#5 Acenaphthylene (C15.06)

R.T.: 8.002 min  
Delta R.T.: -0.007 min  
Response: 2038278  
Conc: 11.70 ug/ml



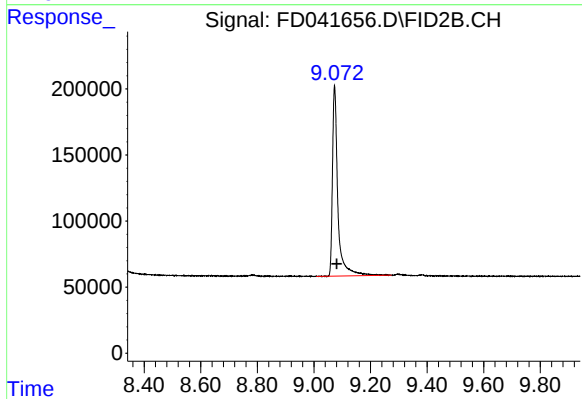
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min  
Delta R.T.: -0.003 min  
Response: 1043963  
Conc: 10.39 ug/ml



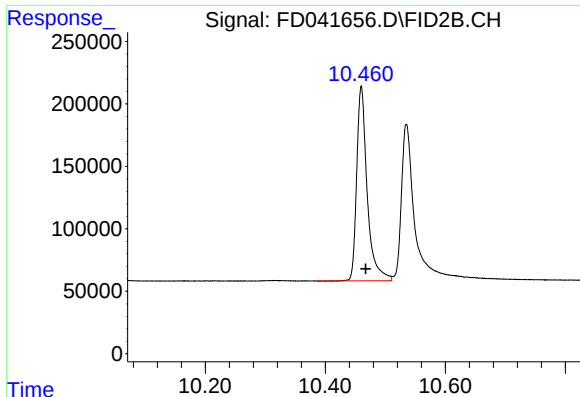
#7 Acenaphthene (C15.5)

R.T.: 8.294 min  
Delta R.T.: -0.009 min  
Response: 2131185  
Conc: 12.05 ug/ml



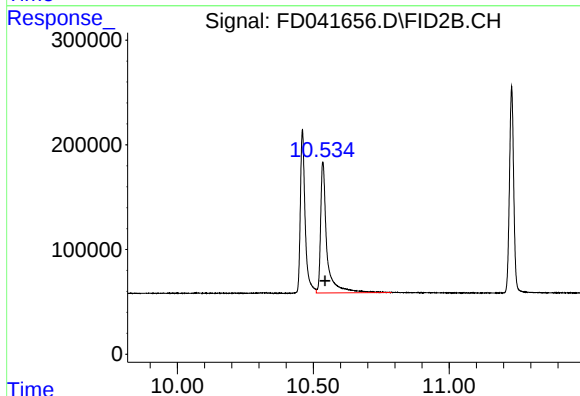
#8 Flouorene (C16.55)

R.T.: 9.073 min  
Delta R.T.: -0.007 min  
Response: 1918968  
Conc: 11.33 ug/ml



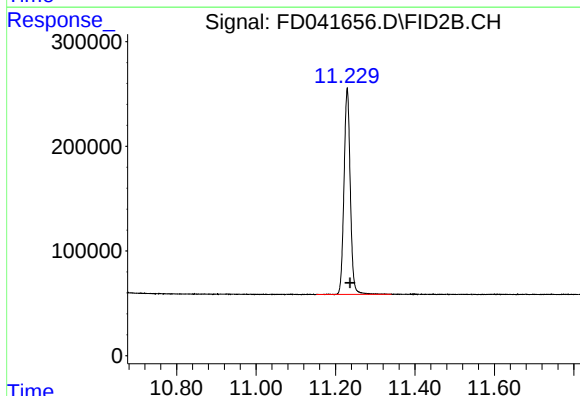
#9 Phenanthrene (C19.36)

R.T.: 10.460 min  
Delta R.T.: -0.008 min  
Response: 1893812  
Conc: 11.25 ug/ml



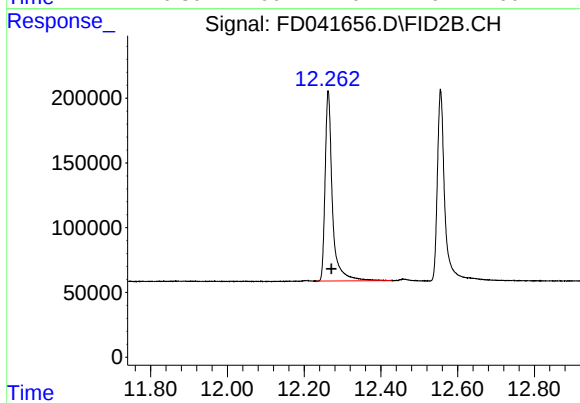
#10 Anthracene (C19.43)

R.T.: 10.535 min  
Delta R.T.: -0.008 min  
Response: 2023474  
Conc: 11.88 ug/ml



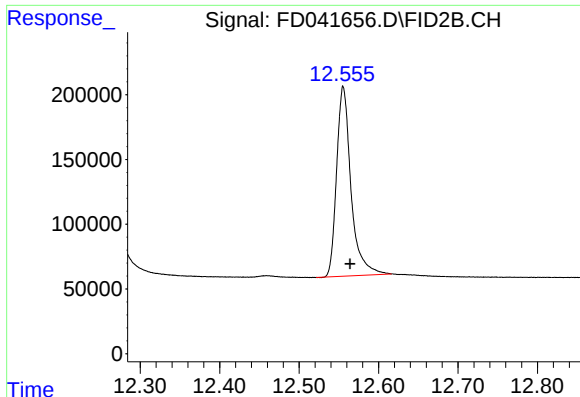
#11 ortho-Terphenyl (SURR)

R.T.: 11.229 min  
Delta R.T.: -0.008 min  
Response: 2151026  
Conc: 11.94 ug/ml



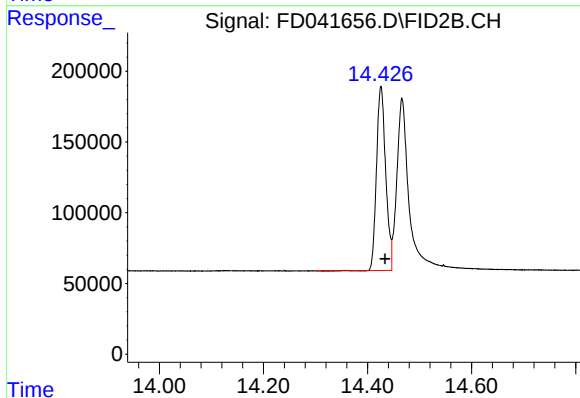
#12 Fluoranthene (C21.85)

R.T.: 12.263 min  
Delta R.T.: -0.008 min  
Response: 1942854  
Conc: 11.68 ug/ml



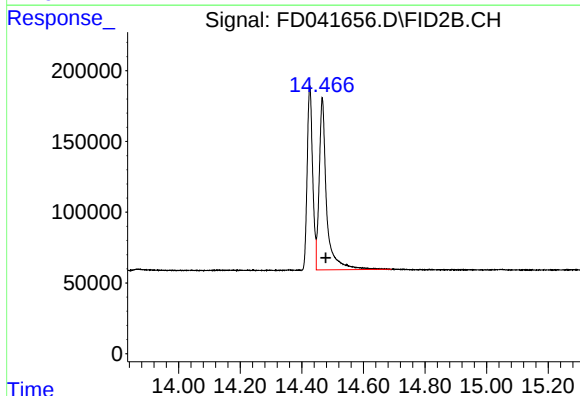
#13 Pyrene (C20.8)

R.T.: 12.556 min  
Delta R.T.: -0.008 min  
Response: 1849488  
Conc: 11.41 ug/ml



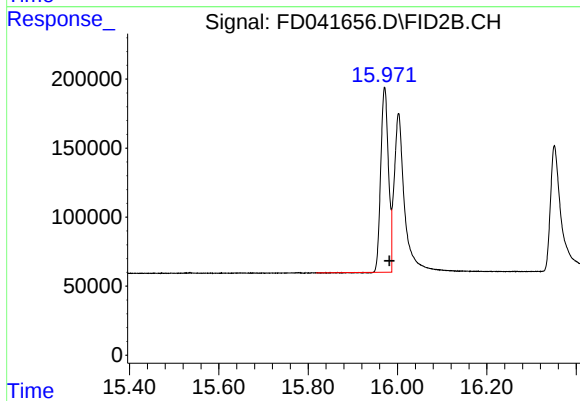
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.426 min  
Delta R.T.: -0.008 min  
Response: 1592404  
Conc: 10.59 ug/ml



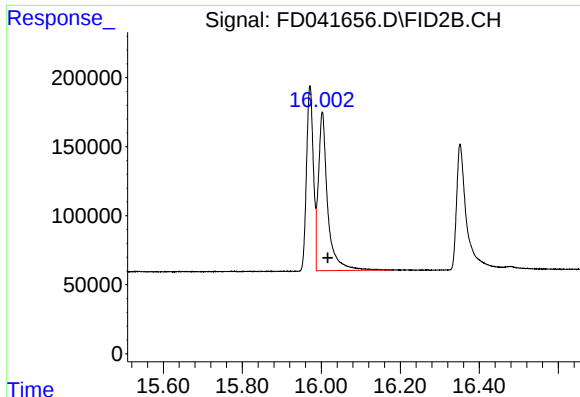
#15 Chrysene (C27.41)

R.T.: 14.466 min  
Delta R.T.: -0.011 min  
Response: 2049442  
Conc: 12.85 ug/ml



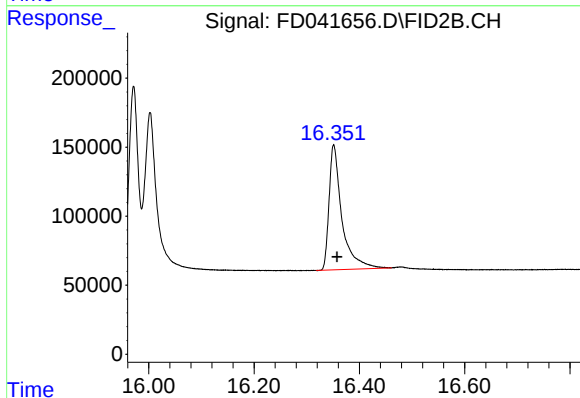
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.971 min  
Delta R.T.: -0.011 min  
Response: 1589649  
Conc: 10.87 ug/ml



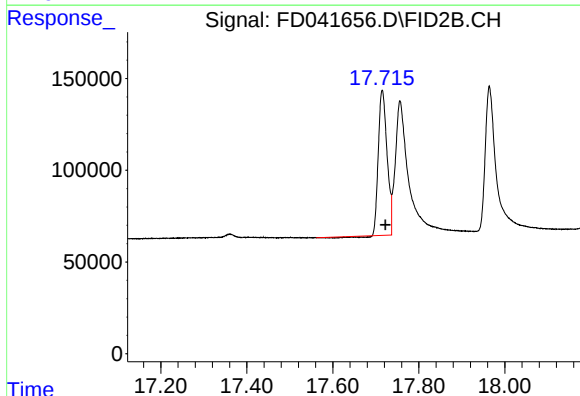
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.003 min  
Delta R.T.: -0.014 min  
Response: 1866908  
Conc: 12.82 ug/ml



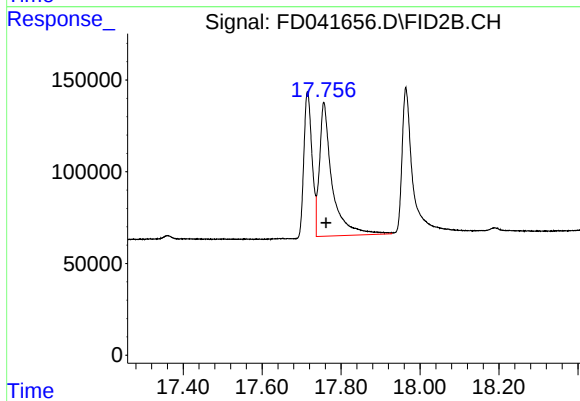
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.352 min  
Delta R.T.: -0.006 min  
Response: 1532465  
Conc: 11.27 ug/ml



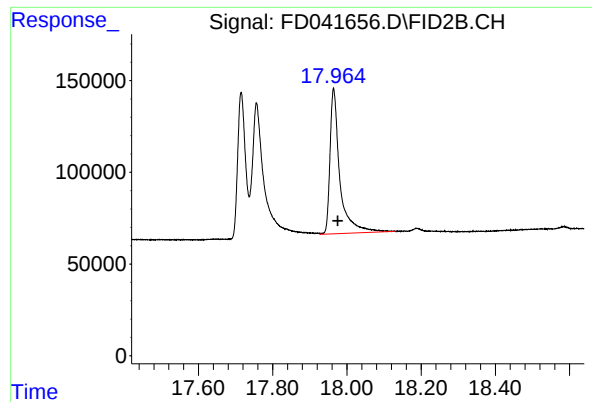
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.715 min  
Delta R.T.: -0.007 min  
Response: 1095321  
Conc: 9.58 ug/ml



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

R.T.: 17.757 min  
Delta R.T.: -0.005 min  
Response: 1635698  
Conc: 12.34 ug/ml



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

R.T.: 17.965 min  
Delta R.T.: -0.011 min  
Response: 1459326  
Conc: 11.55 ug/ml