

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122021AR\  
 Data File : FD040081.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Dec 2021 10:18  
 Operator : AJ\MA  
 Sample : M5092-04  
 Misc :  
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 21 11:57:03 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...      | 6.851  | 5708502    | 42.774 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 85.55%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 7.705  | 3858423    | 42.881 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 85.76%       |
| 11) S ortho-Terphenyl (SURR)       | 10.746 | 5281385    | 38.380 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 76.76%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 3.721  | 94780      | 0.654 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.248  | 176826     | 1.166 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.525  | 281663     | 2.042 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 7.770  | 337780     | 2.310 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 9.967  | 284725     | 2.040 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.013 | 156365     | 1.167 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 11.761 | 80511      | 0.594 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.062 | 63029      | 0.479 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 13.988 | 69356      | 0.575 ug/ml  |
| 15) T Chrysene (C27.41)            | 13.988 | 69356      | 0.551 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.483 | 167197     | 1.358 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 15.501 | 47444      | 0.389 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 15.866 | 1745296    | 14.488 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.215 | 3315620    | 28.088 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.298 | 3418928    | 29.500 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.513 | 6939343    | 57.493 ug/ml |
| -----                              |        |            |              |

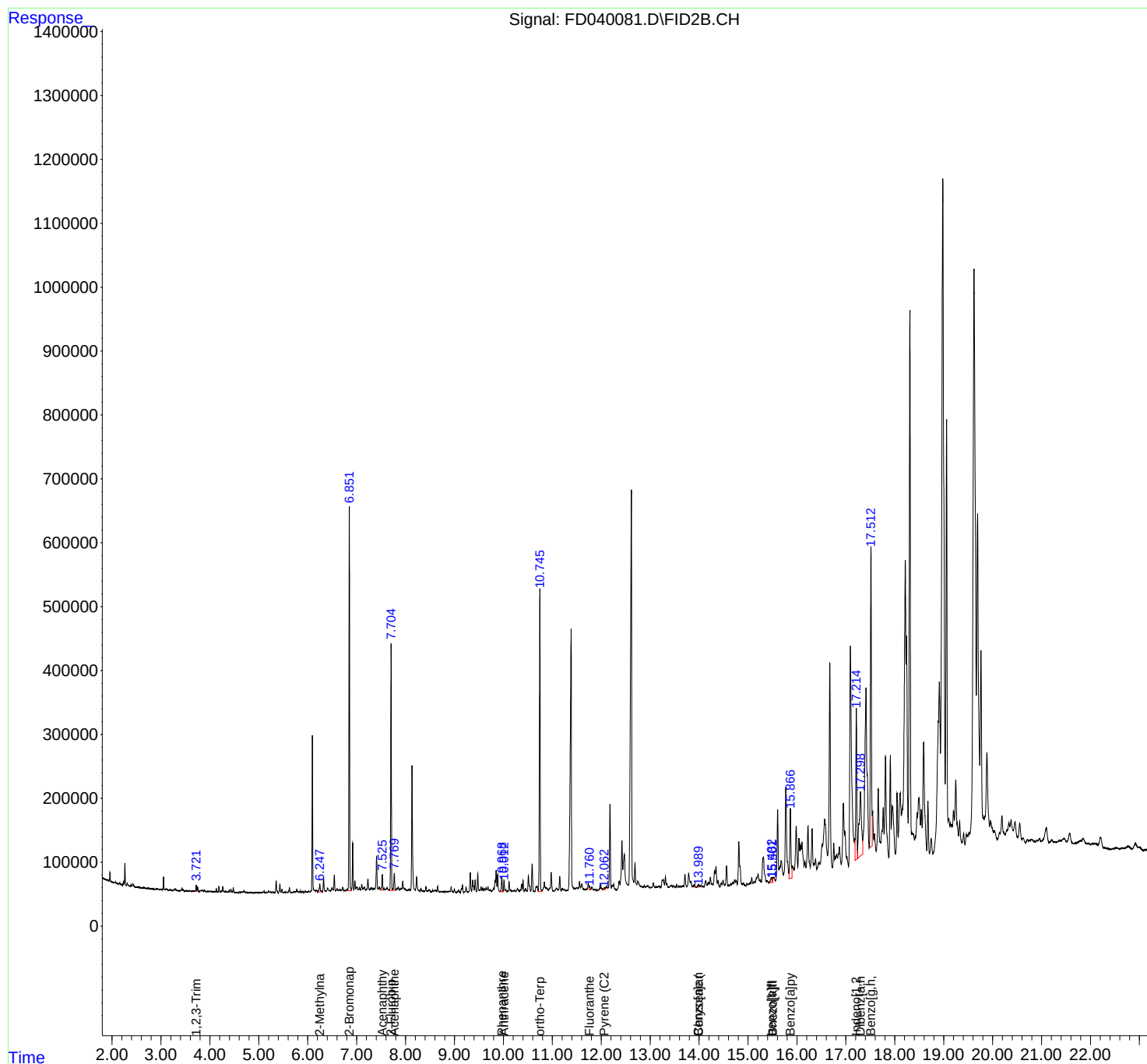
(f)=RT Delta > 1/2 Window

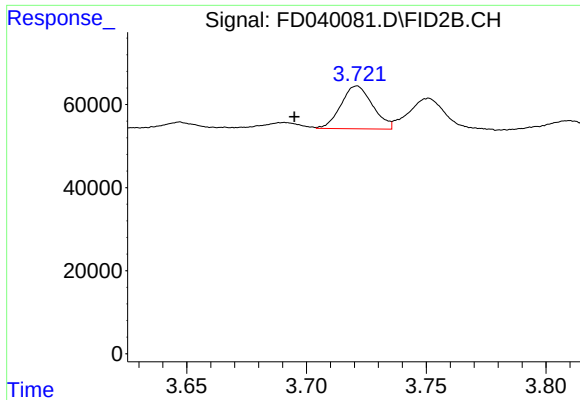
(m)=manual int.

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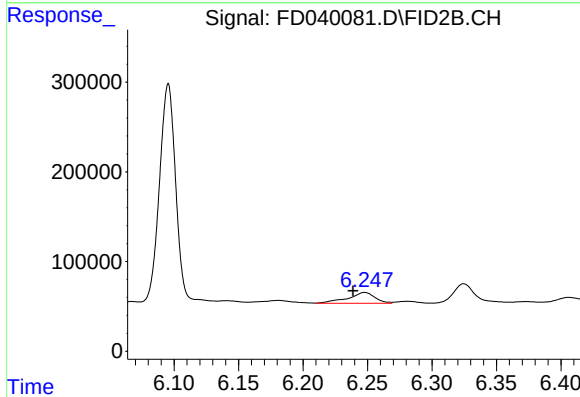
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





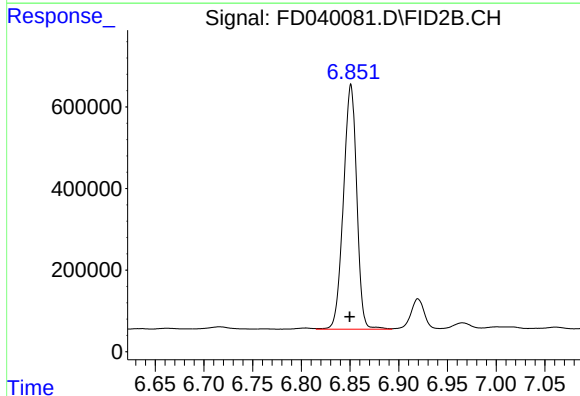
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.721 min  
Delta R.T.: 0.026 min  
Response: 94780  
Conc: 0.65 ug/ml



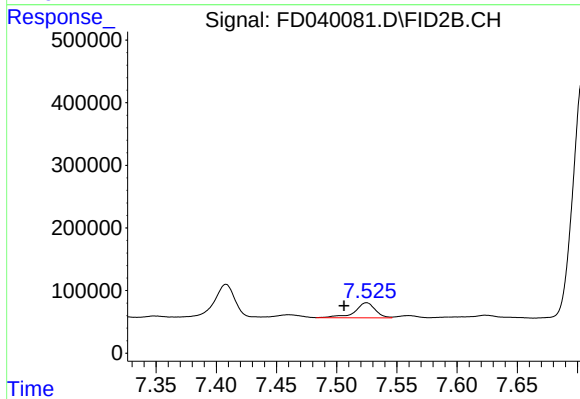
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.248 min  
Delta R.T.: 0.009 min  
Response: 176826  
Conc: 1.17 ug/ml



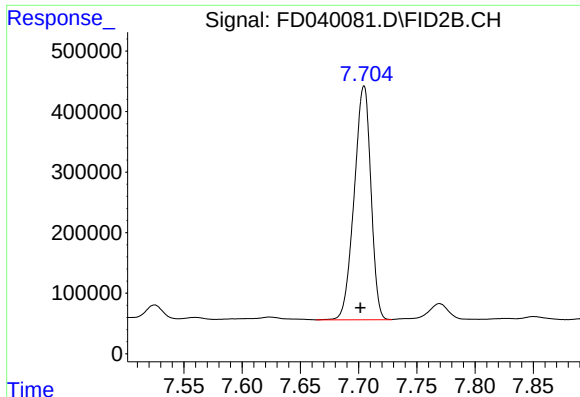
#4 2-Bromonaphthalene (SURR)

R.T.: 6.851 min  
Delta R.T.: 0.001 min  
Response: 5708502  
Conc: 42.77 ug/ml



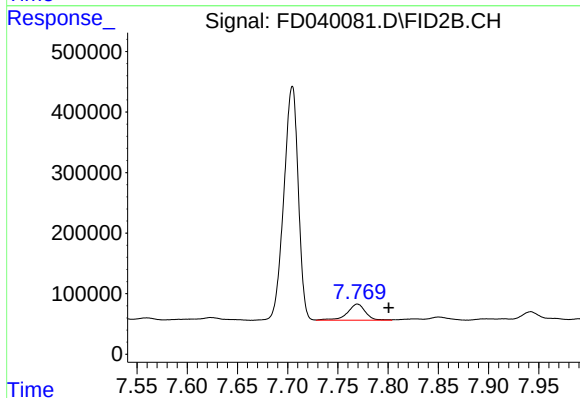
#5 Acenaphthylene (C15.06)

R.T.: 7.525 min  
Delta R.T.: 0.019 min  
Response: 281663  
Conc: 2.04 ug/ml



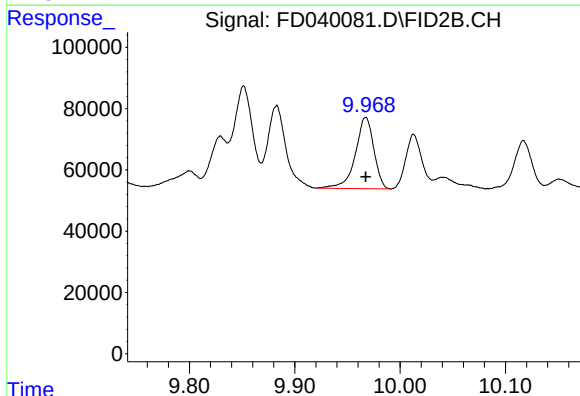
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.705 min  
Delta R.T.: 0.003 min  
Response: 3858423  
Conc: 42.88 ug/ml



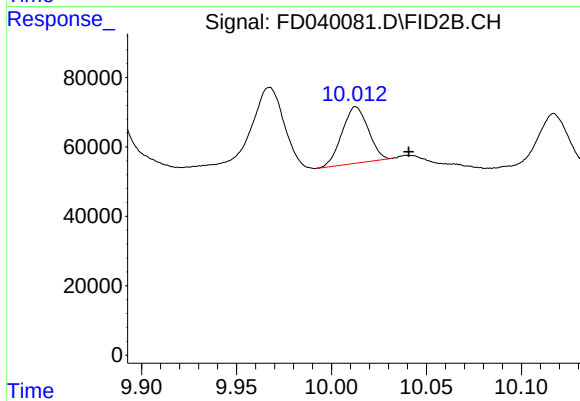
#7 Acenaphthene (C15.5)

R.T.: 7.770 min  
Delta R.T.: -0.031 min  
Response: 337780  
Conc: 2.31 ug/ml



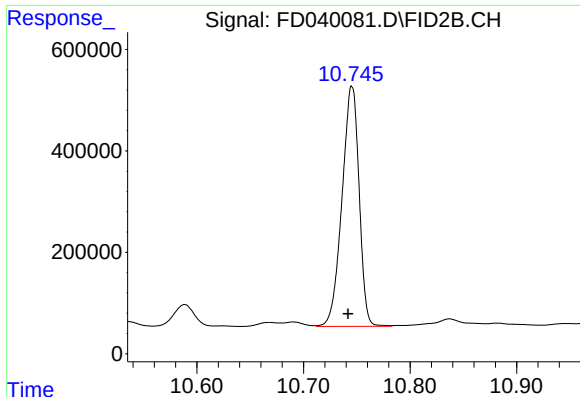
#9 Phenanthrene (C19.36)

R.T.: 9.967 min  
Delta R.T.: 0.000 min  
Response: 284725  
Conc: 2.04 ug/ml



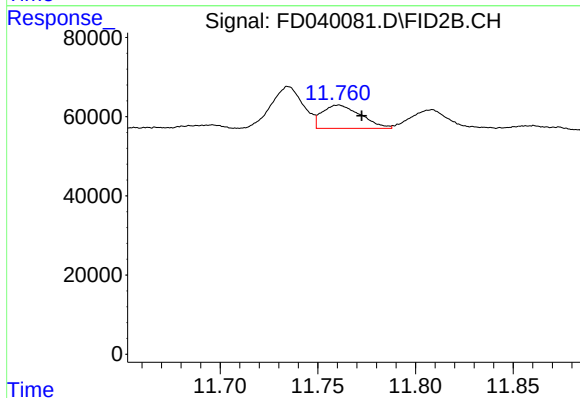
#10 Anthracene (C19.43)

R.T.: 10.013 min  
Delta R.T.: -0.028 min  
Response: 156365  
Conc: 1.17 ug/ml



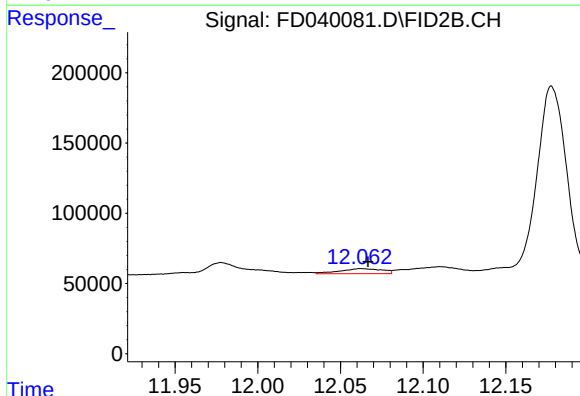
#11 ortho-Terphenyl (SURR)

R.T.: 10.746 min  
Delta R.T.: 0.004 min  
Response: 5281385  
Conc: 38.38 ug/ml



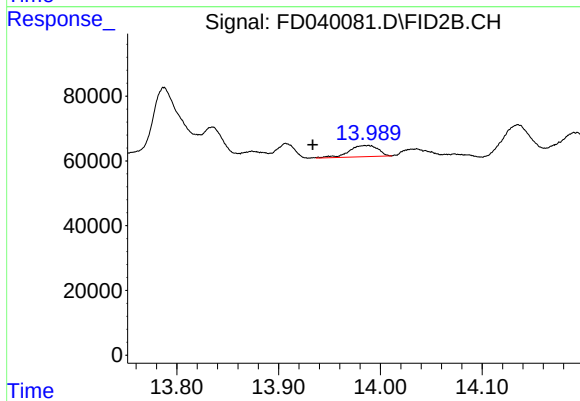
#12 Fluoranthene (C21.85)

R.T.: 11.761 min  
Delta R.T.: -0.012 min  
Response: 80511  
Conc: 0.59 ug/ml



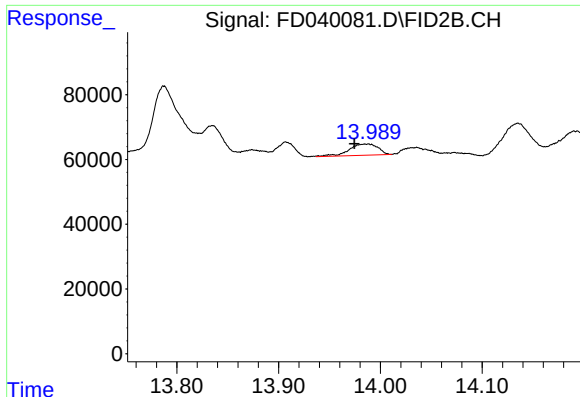
#13 Pyrene (C20.8)

R.T.: 12.062 min  
Delta R.T.: -0.004 min  
Response: 63029  
Conc: 0.48 ug/ml



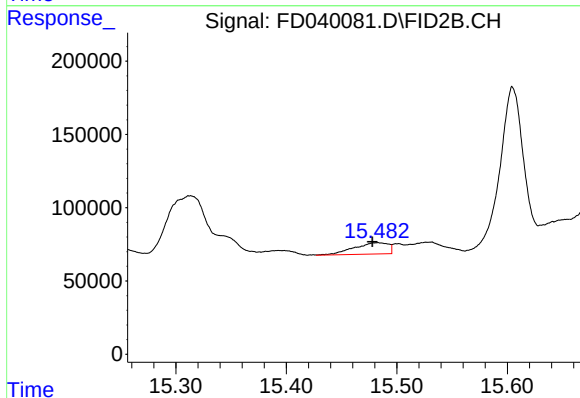
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.988 min  
Delta R.T.: 0.054 min  
Response: 69356  
Conc: 0.57 ug/ml



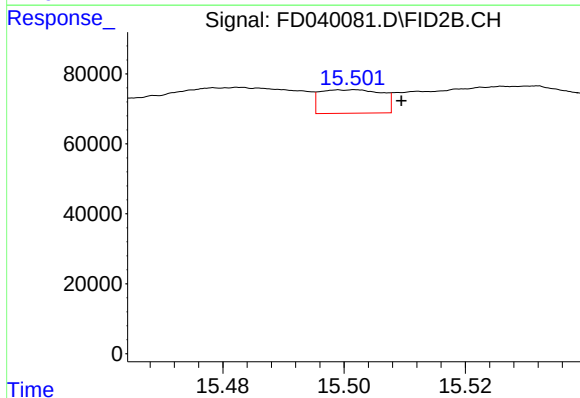
#15 Chrysene (C27.41)

R.T.: 13.988 min  
Delta R.T.: 0.013 min  
Response: 69356  
Conc: 0.55 ug/ml



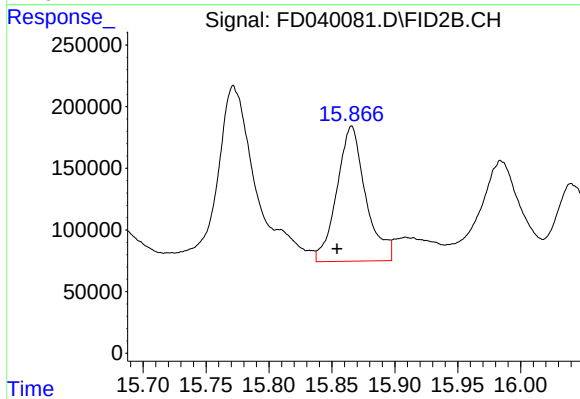
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.483 min  
Delta R.T.: 0.005 min  
Response: 167197  
Conc: 1.36 ug/ml



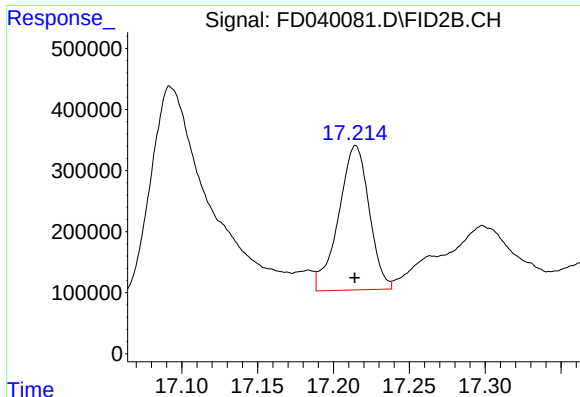
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.501 min  
Delta R.T.: -0.008 min  
Response: 47444  
Conc: 0.39 ug/ml



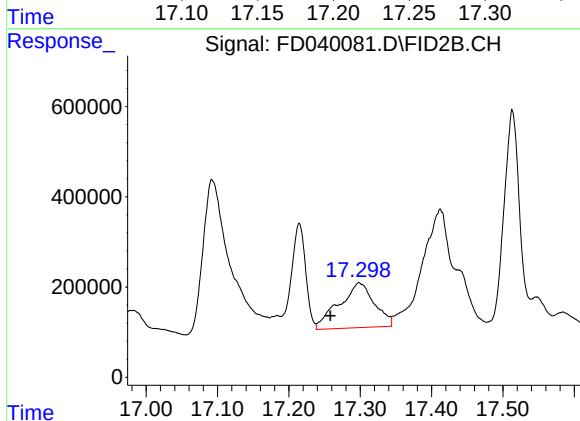
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.866 min  
Delta R.T.: 0.012 min  
Response: 1745296  
Conc: 14.49 ug/ml



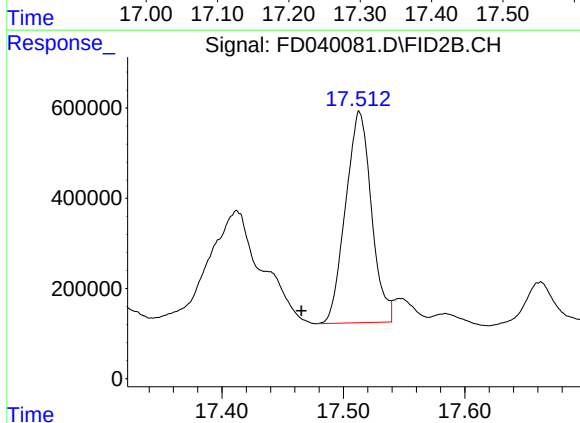
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.215 min  
Delta R.T.: 0.000 min  
Response: 3315620  
Conc: 28.09 ug/ml



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

R.T.: 17.298 min  
Delta R.T.: 0.040 min  
Response: 3418928  
Conc: 29.50 ug/ml



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

R.T.: 17.513 min  
Delta R.T.: 0.048 min  
Response: 6939343  
Conc: 57.49 ug/ml