

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD010422AR\  
 Data File : FD040400.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 Jan 2022 23:37  
 Operator : AJ\MA  
 Sample : M4068-02  
 Misc : LOQ SOIL 5PPM  
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 05 01:20:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 010422.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 01:13:45 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...      | 6.752  | 4603572    | 32.188 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 64.38%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 7.600  | 3057905    | 32.113 ug/ml |
| Spiked Amount 50.000 Range 0 - 130 |        | Recovery = | 64.23%       |
| 11) S ortho-Terphenyl (SURR)       | 10.639 | 7523642    | 48.142 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 96.28%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 3.607  | 556522     | 3.598 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.102  | 557911     | 3.486 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.142  | 545758     | 3.362 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.403  | 550453     | 3.662 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 7.696  | 640240     | 3.972 ug/ml  |
| 8) T Fluorene (C16.55)             | 8.474  | 507328     | 3.264 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 9.860  | 497944     | 3.237 ug/ml  |
| 10) T Anthracene (C19.43)          | 9.935  | 474532     | 3.248 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 11.661 | 508259     | 3.273 ug/ml  |
| 13) T Pyrene (C20.8)               | 11.954 | 536396     | 3.554 ug/mlm |
| 14) T Benzo[a]anthracene (C...     | 13.821 | 404923     | 3.052 ug/ml  |
| 15) T Chrysene (C27.41)            | 13.862 | 518860     | 3.548 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.361 | 445707     | 3.262 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 15.393 | 494904     | 3.575 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 15.739 | 428713     | 3.289 ug/mlm |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.097 | 362620     | 2.976 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.144 | 383423     | 3.152 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.346 | 404743     | 3.152 ug/ml  |
| -----                              |        |            |              |

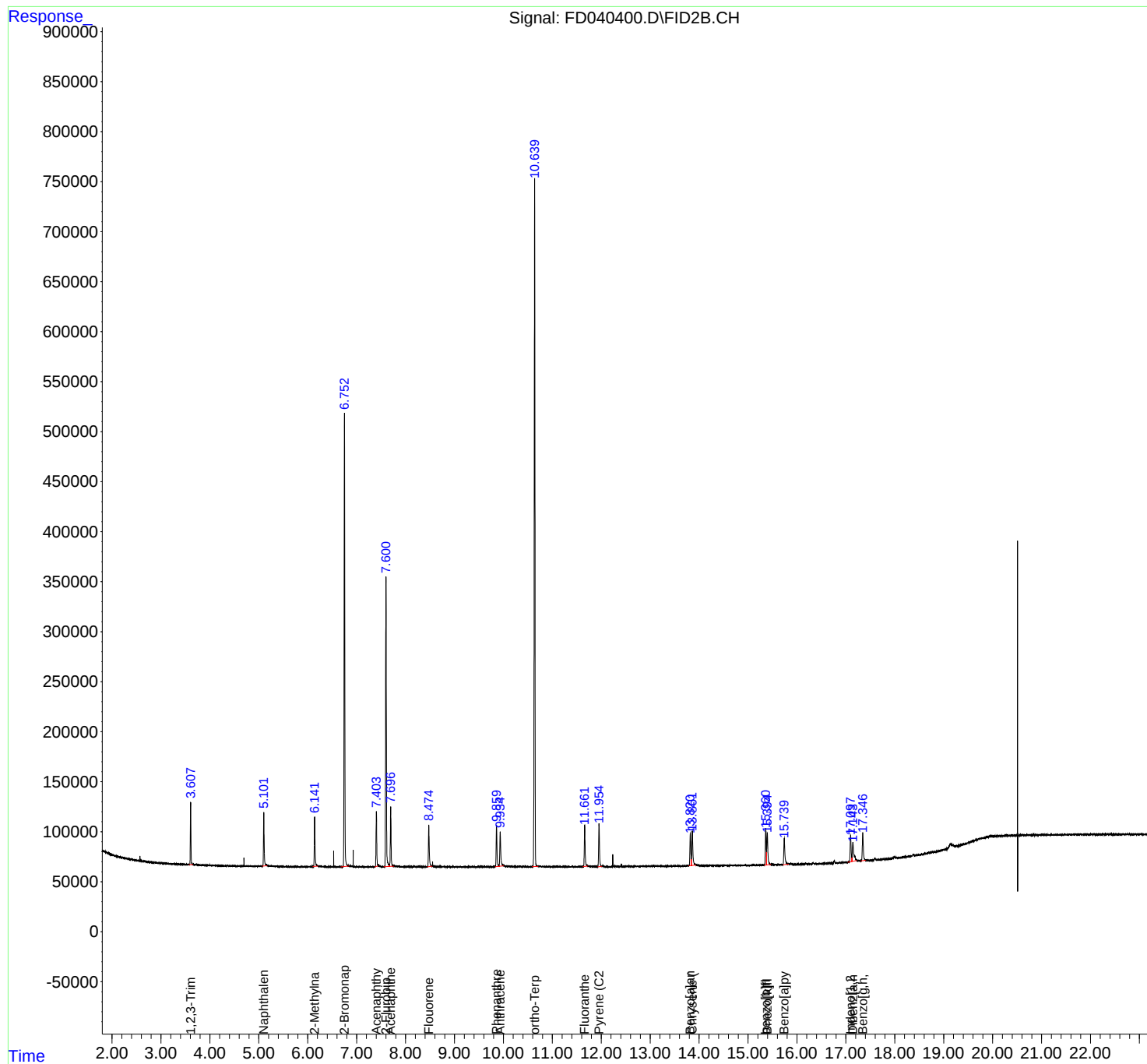
(f)=RT Delta > 1/2 Window

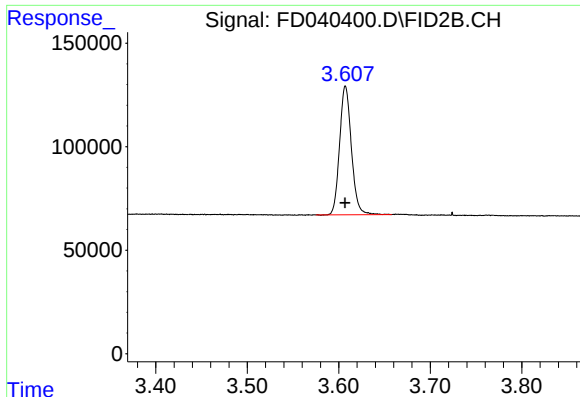
(m)=manual int.

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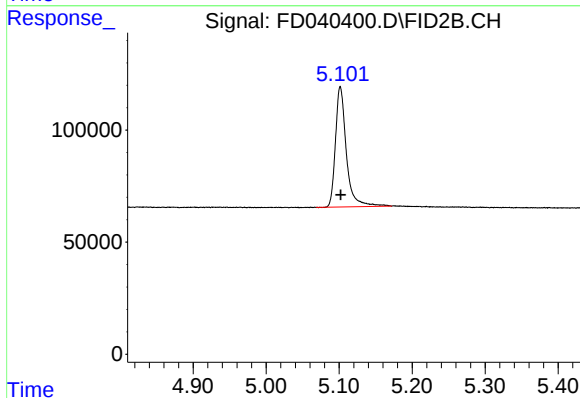
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





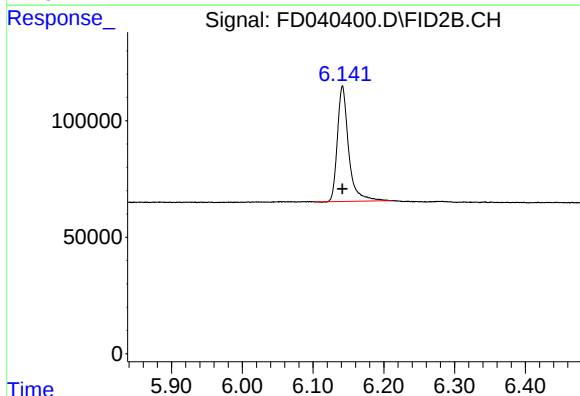
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.607 min  
Delta R.T.: 0.000 min  
Response: 556522  
Conc: 3.60 ug/ml



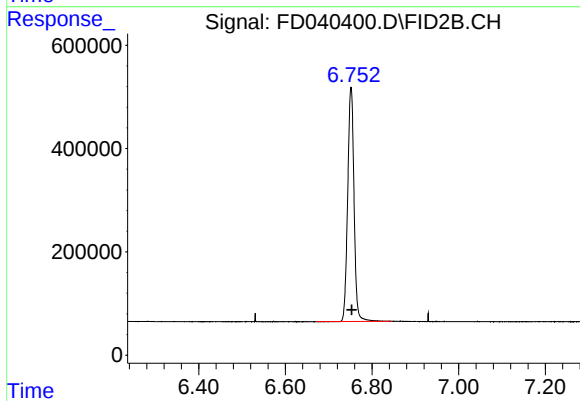
#2 Naphthalene (C11.7)

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 557911  
Conc: 3.49 ug/ml



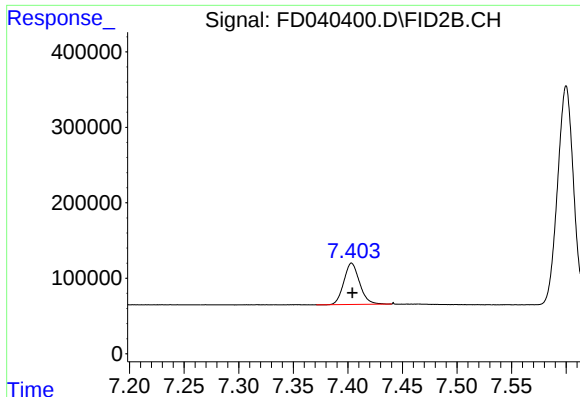
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 545758  
Conc: 3.36 ug/ml



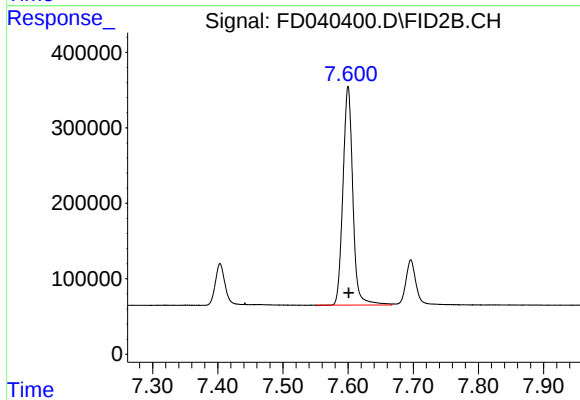
#4 2-Bromonaphthalene (SURR)

R.T.: 6.752 min  
Delta R.T.: -0.001 min  
Response: 4603572  
Conc: 32.19 ug/ml



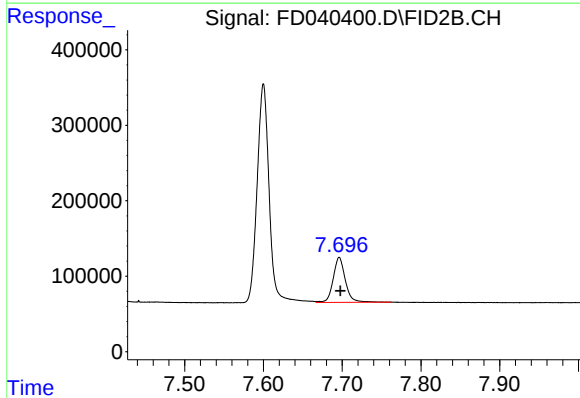
#5 Acenaphthylene (C15.06)

R.T.: 7.403 min  
Delta R.T.: 0.000 min  
Response: 550453  
Conc: 3.66 ug/ml



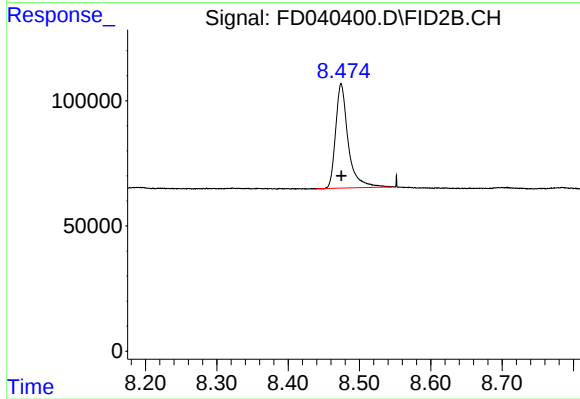
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.600 min  
Delta R.T.: 0.000 min  
Response: 3057905  
Conc: 32.11 ug/ml



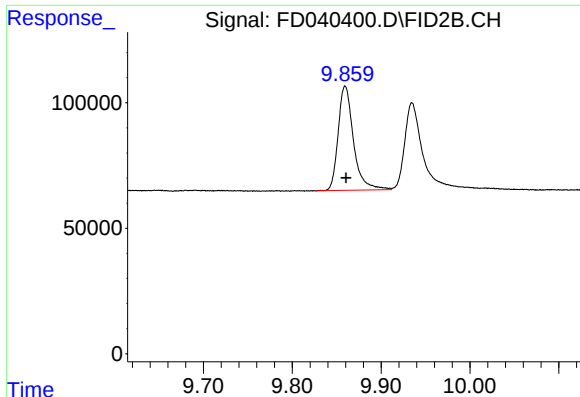
#7 Acenaphthene (C15.5)

R.T.: 7.696 min  
Delta R.T.: -0.001 min  
Response: 640240  
Conc: 3.97 ug/ml



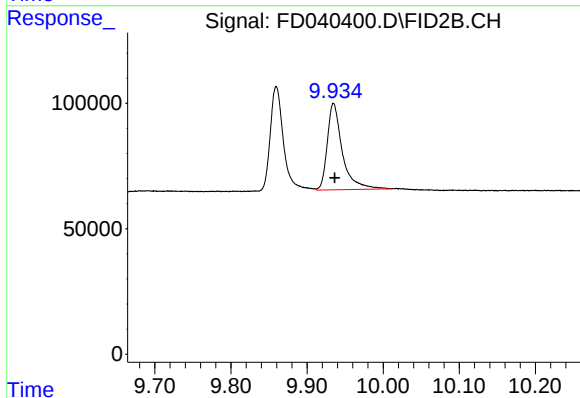
#8 Flouorene (C16.55)

R.T.: 8.474 min  
Delta R.T.: 0.000 min  
Response: 507328  
Conc: 3.26 ug/ml



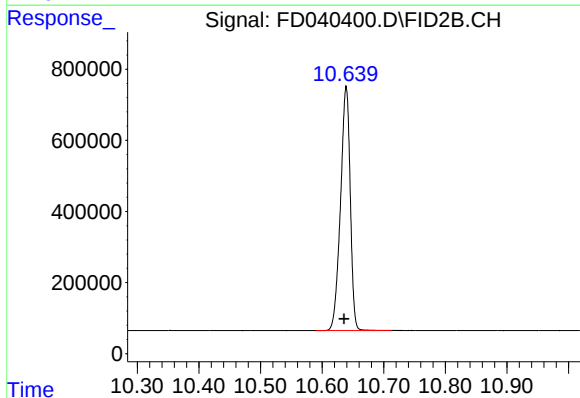
#9 Phenanthrene (C19.36)

R.T.: 9.860 min  
Delta R.T.: 0.000 min  
Response: 497944  
Conc: 3.24 ug/ml



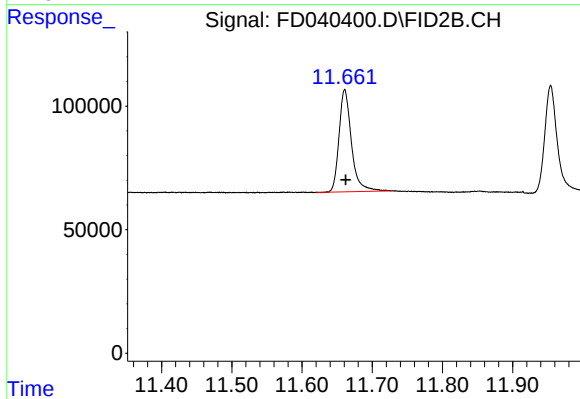
#10 Anthracene (C19.43)

R.T.: 9.935 min  
Delta R.T.: -0.001 min  
Response: 474532  
Conc: 3.25 ug/ml



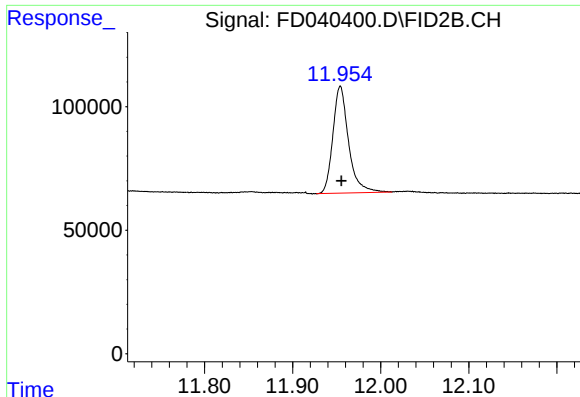
#11 ortho-Terphenyl (SURR)

R.T.: 10.639 min  
Delta R.T.: 0.003 min  
Response: 7523642  
Conc: 48.14 ug/ml



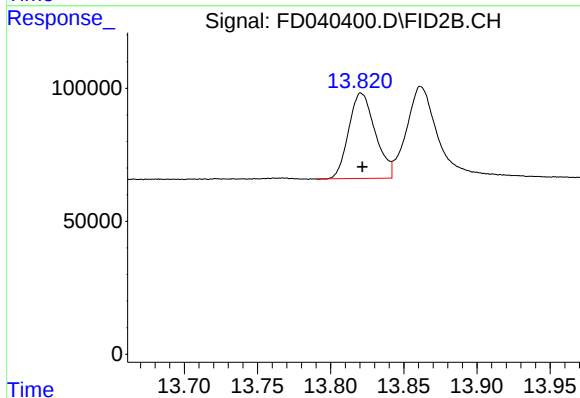
#12 Fluoranthene (C21.85)

R.T.: 11.661 min  
Delta R.T.: -0.002 min  
Response: 508259  
Conc: 3.27 ug/ml



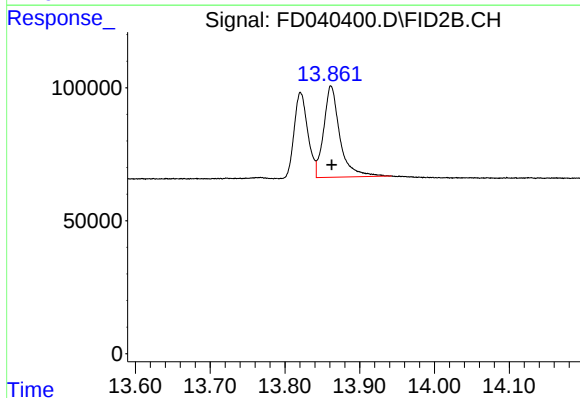
#13 Pyrene (C20.8)

R.T.: 11.954 min  
Delta R.T.: -0.002 min  
Response: 536396  
Conc: 3.55 ug/ml m



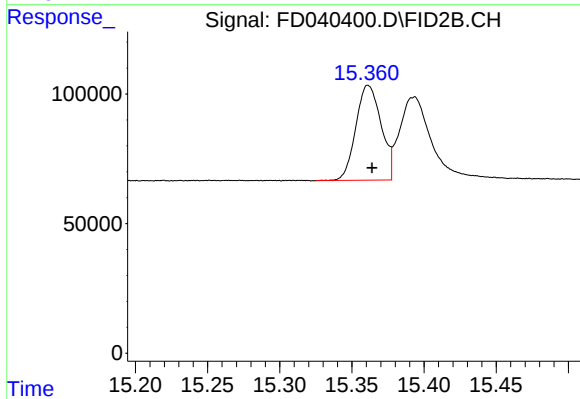
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.821 min  
Delta R.T.: -0.001 min  
Response: 404923  
Conc: 3.05 ug/ml



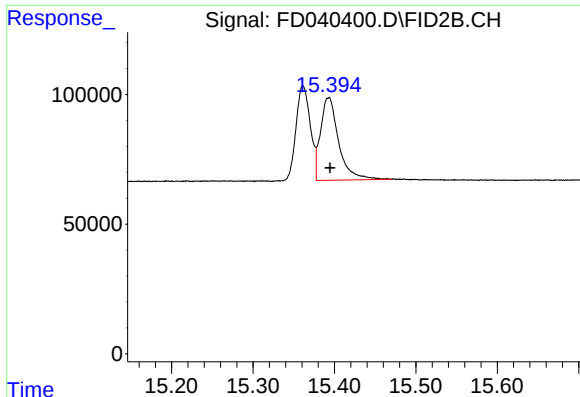
#15 Chrysene (C27.41)

R.T.: 13.862 min  
Delta R.T.: -0.001 min  
Response: 518860  
Conc: 3.55 ug/ml



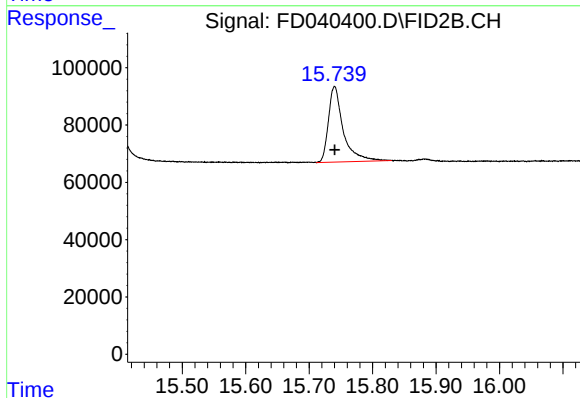
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.361 min  
Delta R.T.: -0.003 min  
Response: 445707  
Conc: 3.26 ug/ml



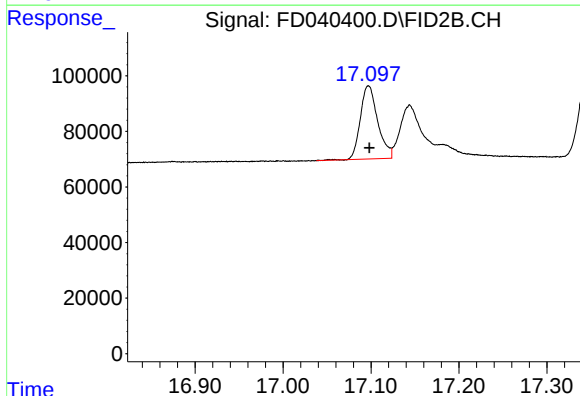
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.393 min  
Delta R.T.: -0.002 min  
Response: 494904  
Conc: 3.58 ug/ml



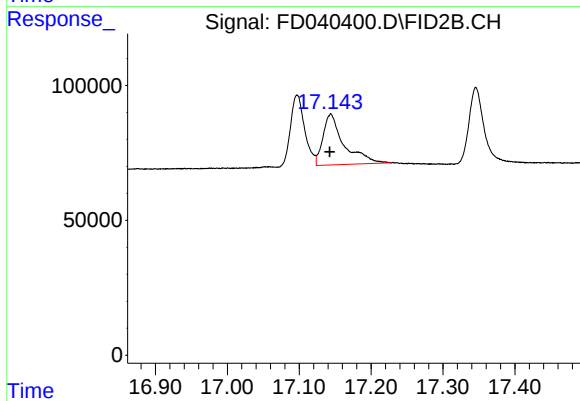
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.739 min  
Delta R.T.: 0.000 min  
Response: 428713  
Conc: 3.29 ug/ml m



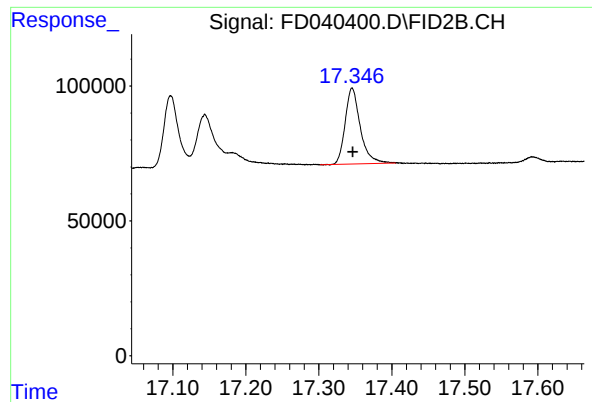
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.097 min  
Delta R.T.: 0.000 min  
Response: 362620  
Conc: 2.98 ug/ml



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

R.T.: 17.144 min  
Delta R.T.: 0.001 min  
Response: 383423  
Conc: 3.15 ug/ml



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

R.T.: 17.346 min  
Delta R.T.: 0.000 min  
Response: 404743  
Conc: 3.15 ug/ml