

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100322AR\  
 Data File : FD044030.D  
 Signal(s) : FID2B.ch  
 Acq On : 04 Oct 2022 06:32  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 04 07:05:44 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 091522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 14 19:37:45 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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...      | 7.424  | 3082527    | 23.427 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 46.85%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.281  | 1668794    | 23.133 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 46.27%       |
| 11) S ortho-Terphenyl (SURR)       | 11.307 | 4164755    | 22.356 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.71%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.234  | 3785660    | 25.190 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.766  | 3580342    | 25.143 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.811  | 3526931    | 24.109 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.080  | 3316147    | 21.491 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.371  | 3759537    | 21.482 ug/ml |
| 8) T Fluorene (C16.55)             | 9.153  | 3136278    | 21.338 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.543 | 2994004    | 20.690 ug/ml |
| 10) T Anthracene (C19.43)          | 10.622 | 2307818    | 15.725 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.347 | 3039876    | 19.820 ug/ml |
| 13) T Pyrene (C20.8)               | 12.641 | 2992212    | 20.115 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.511 | 2189483    | 19.586 ug/ml |
| 15) T Chrysene (C27.41)            | 14.553 | 3049258    | 19.511 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.055 | 2200261    | 18.867 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.086 | 2901085    | 19.541 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.439 | 2183859    | 18.029 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.802 | 1472975    | 15.492 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.840 | 1995812    | 16.614 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.047 | 2188499    | 19.204 ug/ml |
| -----                              |        |            |              |

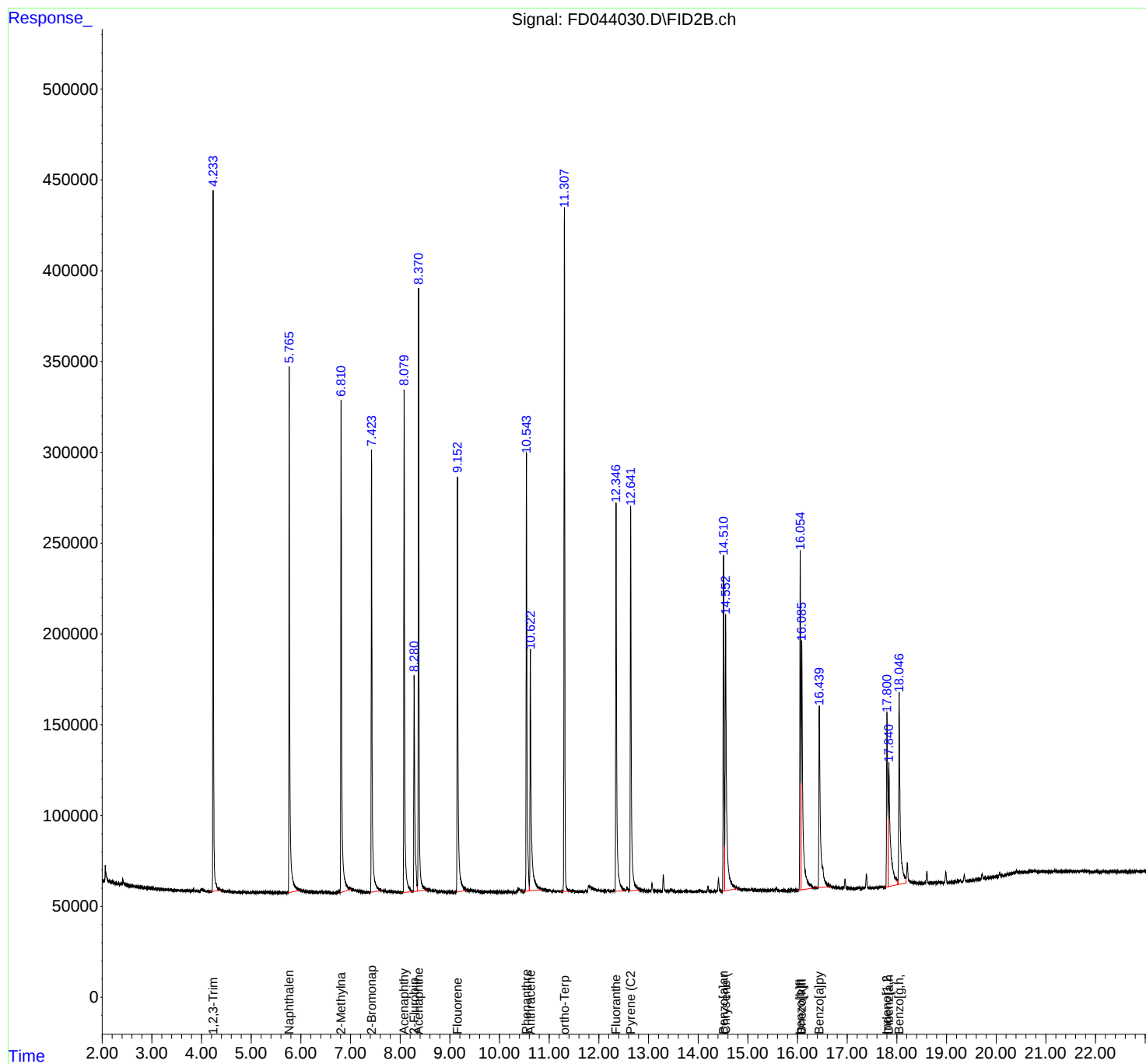
(f)=RT Delta > 1/2 Window

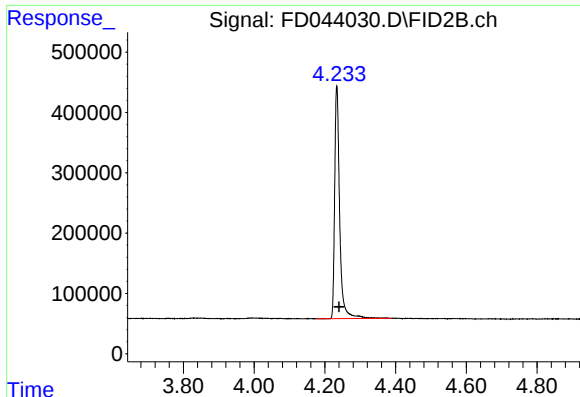
(m)=manual int.

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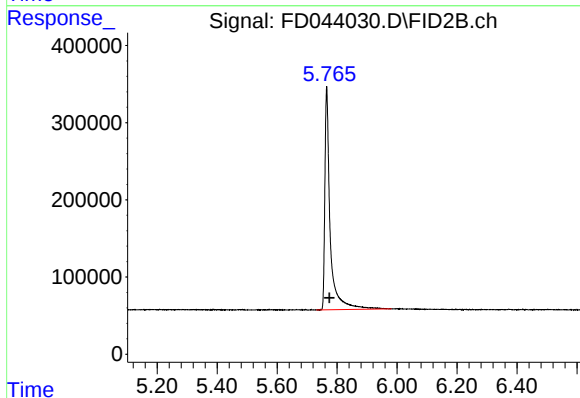
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





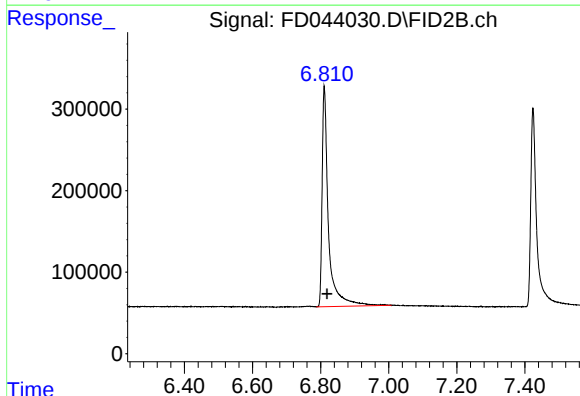
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.234 min  
Delta R.T.: -0.006 min  
Response: 3785660  
Conc: 25.19 ug/ml



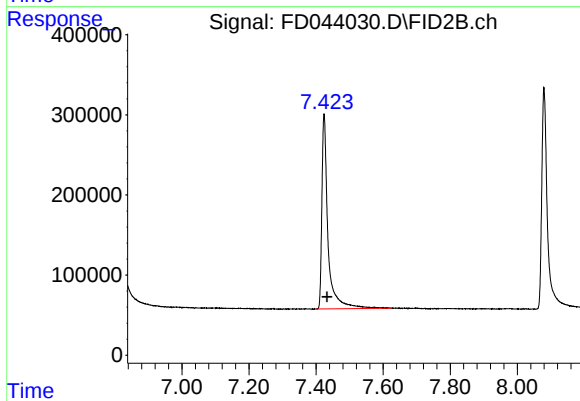
#2 Naphthalene (C11.7)

R.T.: 5.766 min  
Delta R.T.: -0.008 min  
Response: 3580342  
Conc: 25.14 ug/ml



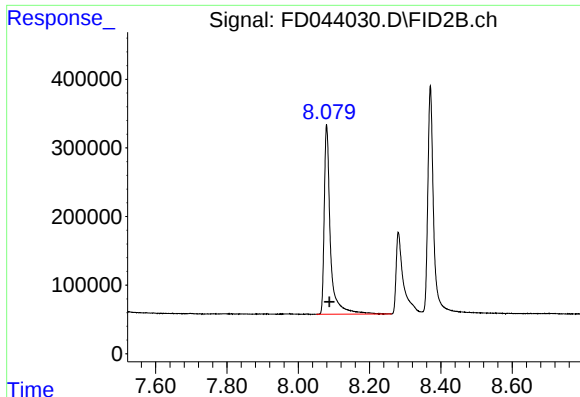
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.811 min  
Delta R.T.: -0.008 min  
Response: 3526931  
Conc: 24.11 ug/ml



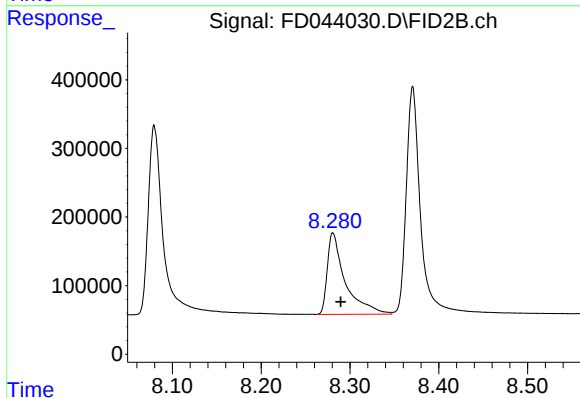
#4 2-Bromonaphthalene (SURR)

R.T.: 7.424 min  
Delta R.T.: -0.009 min  
Response: 3082527  
Conc: 23.43 ug/ml



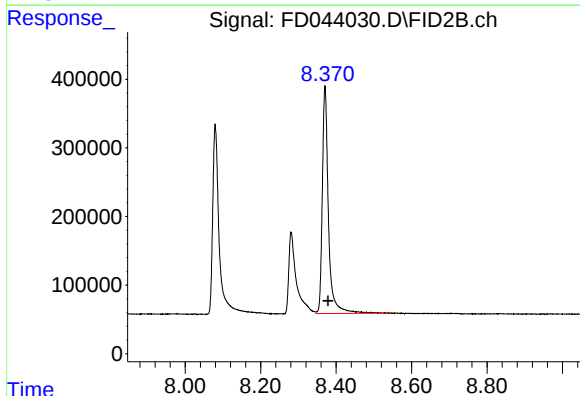
#5 Acenaphthylene (C15.06)

R.T.: 8.080 min  
Delta R.T.: -0.008 min  
Response: 3316147  
Conc: 21.49 ug/ml



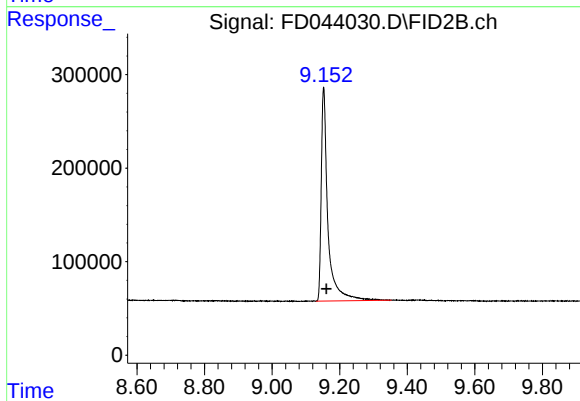
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.281 min  
Delta R.T.: -0.008 min  
Response: 1668794  
Conc: 23.13 ug/ml



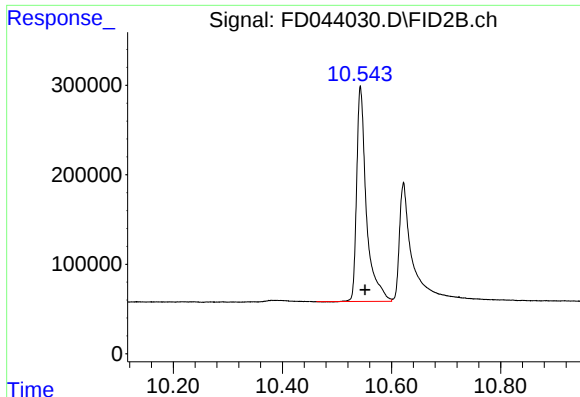
#7 Acenaphthene (C15.5)

R.T.: 8.371 min  
Delta R.T.: -0.008 min  
Response: 3759537  
Conc: 21.48 ug/ml



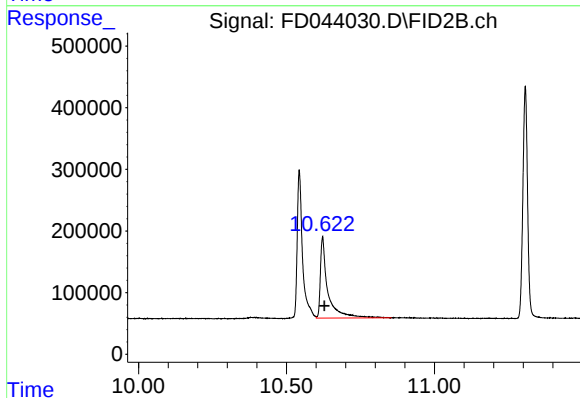
#8 Flouorene (C16.55)

R.T.: 9.153 min  
Delta R.T.: -0.008 min  
Response: 3136278  
Conc: 21.34 ug/ml



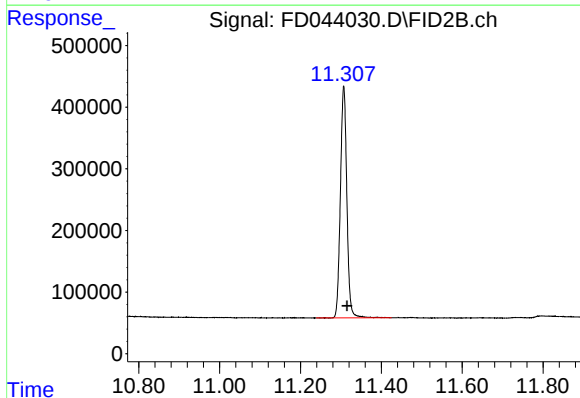
#9 Phenanthrene (C19.36)

R.T.: 10.543 min  
Delta R.T.: -0.008 min  
Response: 2994004  
Conc: 20.69 ug/ml



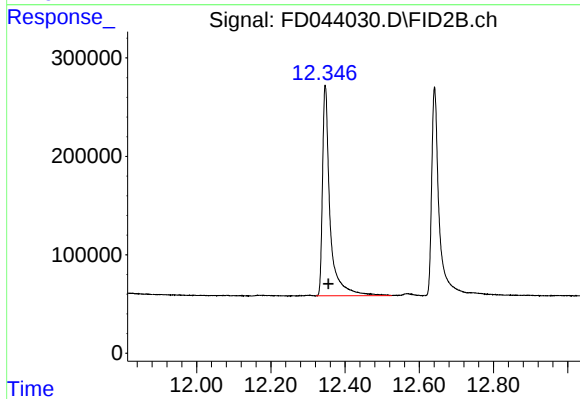
#10 Anthracene (C19.43)

R.T.: 10.622 min  
Delta R.T.: -0.006 min  
Response: 2307818  
Conc: 15.73 ug/ml



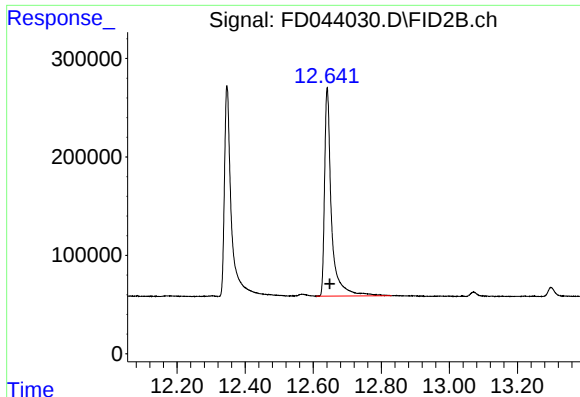
#11 ortho-Terphenyl (SURR)

R.T.: 11.307 min  
Delta R.T.: -0.008 min  
Response: 4164755  
Conc: 22.36 ug/ml



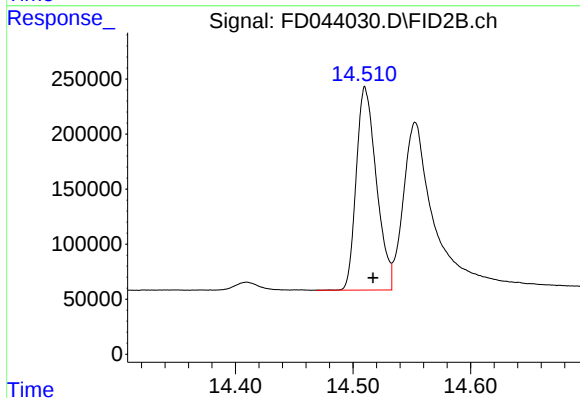
#12 Fluoranthene (C21.85)

R.T.: 12.347 min  
Delta R.T.: -0.008 min  
Response: 3039876  
Conc: 19.82 ug/ml



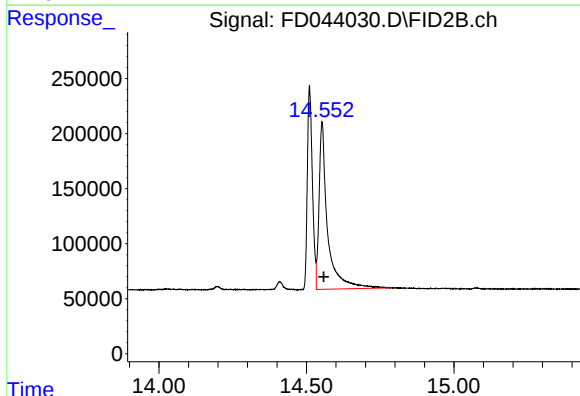
#13 Pyrene (C20.8)

R.T.: 12.641 min  
Delta R.T.: -0.007 min  
Response: 2992212  
Conc: 20.11 ug/ml



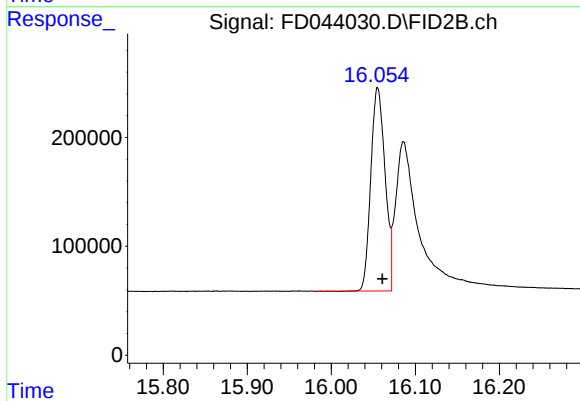
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.511 min  
Delta R.T.: -0.007 min  
Response: 2189483  
Conc: 19.59 ug/ml



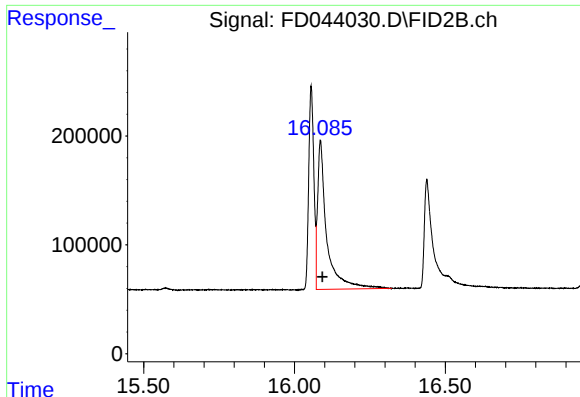
#15 Chrysene (C27.41)

R.T.: 14.553 min  
Delta R.T.: -0.005 min  
Response: 3049258  
Conc: 19.51 ug/ml



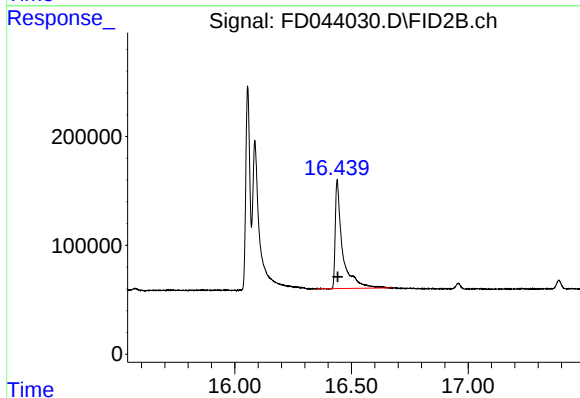
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.055 min  
Delta R.T.: -0.005 min  
Response: 2200261  
Conc: 18.87 ug/ml



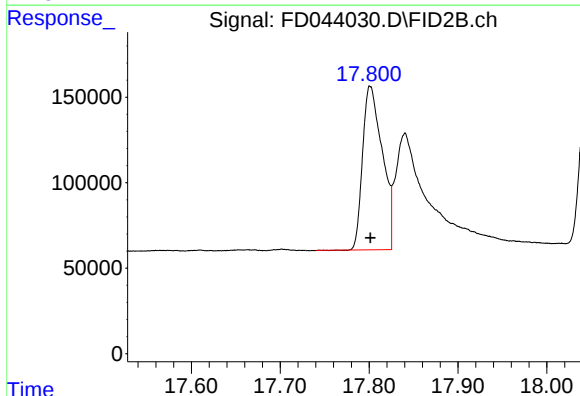
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.086 min  
Delta R.T.: -0.006 min  
Response: 2901085  
Conc: 19.54 ug/ml



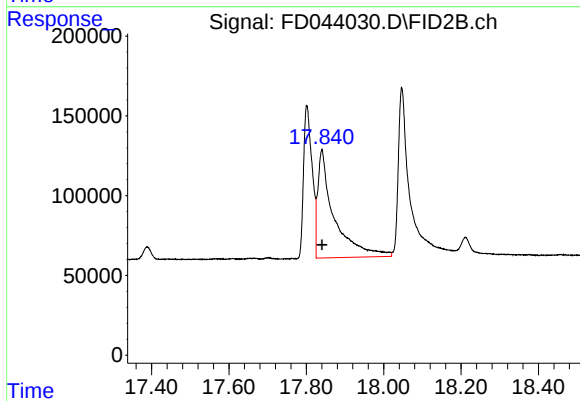
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.439 min  
Delta R.T.: -0.003 min  
Response: 2183859  
Conc: 18.03 ug/ml



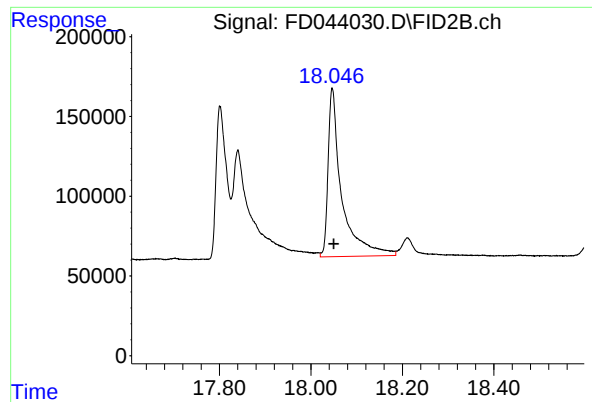
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.802 min  
Delta R.T.: 0.000 min  
Response: 1472975  
Conc: 15.49 ug/ml



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

R.T.: 17.840 min  
Delta R.T.: 0.000 min  
Response: 1995812  
Conc: 16.61 ug/ml



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

R.T.: 18.047 min  
Delta R.T.: -0.003 min  
Response: 2188499  
Conc: 19.20 ug/ml