

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF022024AR\  
 Data File : FF014055.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Feb 2024 16:16  
 Operator : YP\AJ  
 Sample : P1187-07  
 Misc : 4PPM WATER LOD  
 ALS Vial : 82 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 21 02:43:44 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 022024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 20 11:40:50 2024  
 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...      | 7.922  | 5554514    | 47.753 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 95.51%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.794  | 3458259    | 47.029 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 94.06%       |
| 11) S ortho-Terphenyl (SURR)       | 11.857 | 6005411    | 40.251 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 80.50%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.537  | 413134     | 3.299 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.202  | 420385     | 3.334 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.295  | 433078     | 3.412 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.592  | 490925     | 4.063 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.891  | 571476     | 4.295 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.681  | 461217     | 3.698 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.083 | 424425     | 3.534 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.159 | 459663     | 4.383 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.901 | 486817     | 3.829 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.198 | 491993     | 3.992 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.083 | 349185     | 3.511 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.123 | 640446     | 4.928 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.640 | 370551     | 3.450 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.670 | 576358     | 4.564 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.023 | 431043     | 3.908 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.396 | 316824     | 3.458 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.438 | 587507     | 4.549 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.643 | 473468     | 4.066 ug/ml  |
| -----                              |        |            |              |

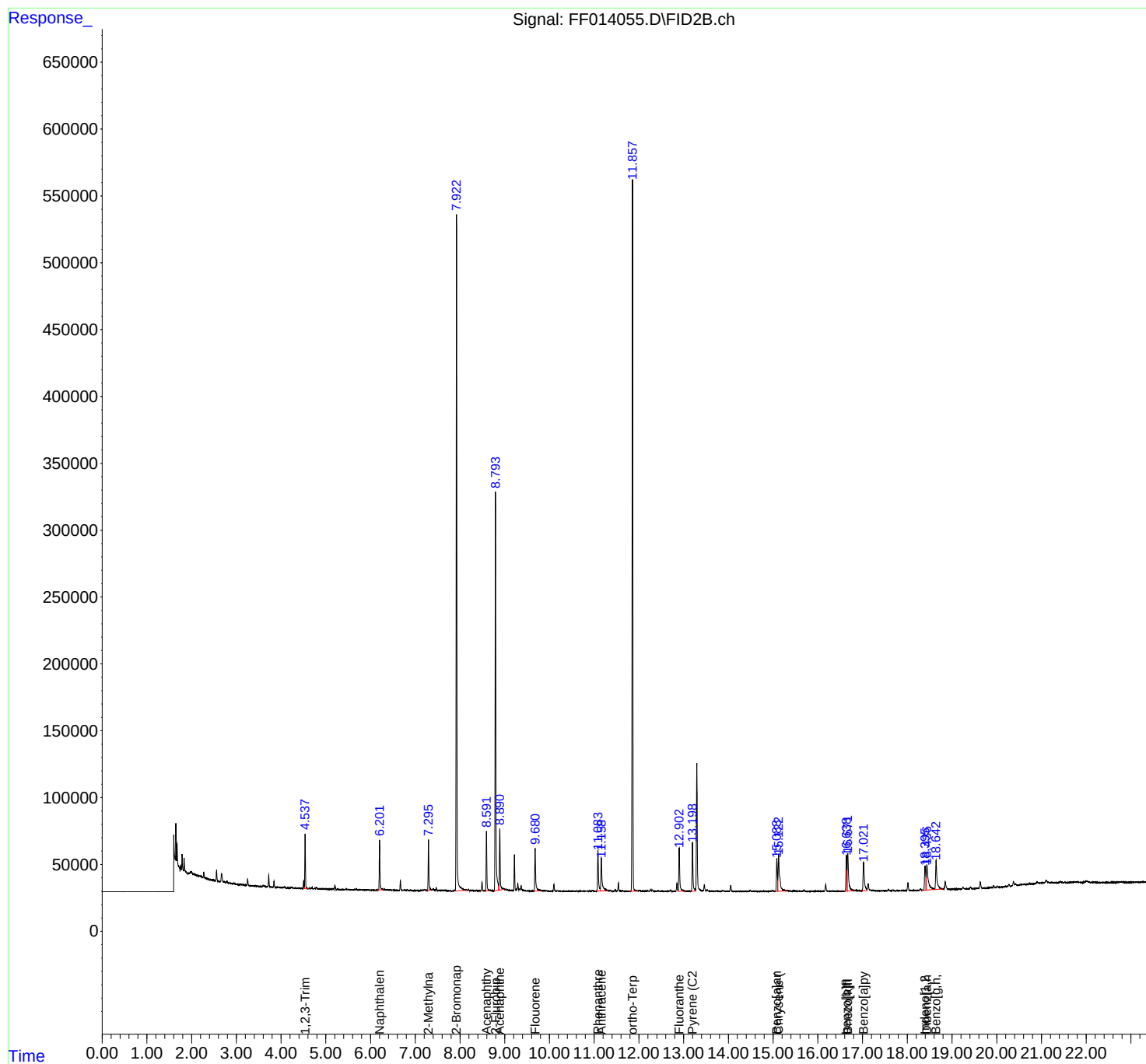
(f)=RT Delta > 1/2 Window

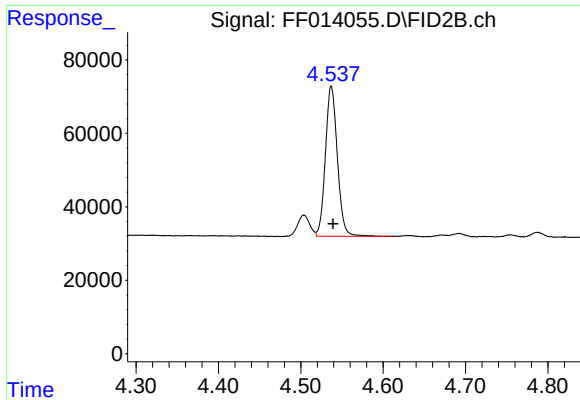
(m)=manual int.

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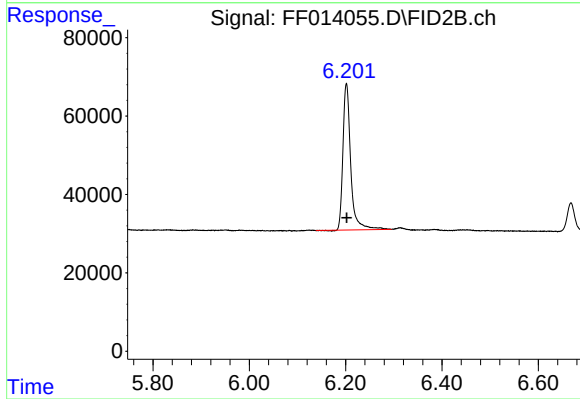
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





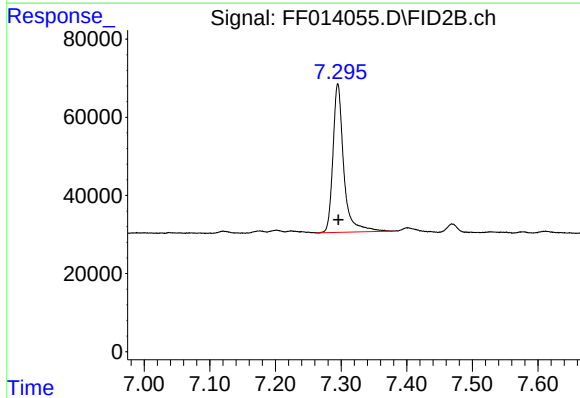
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.537 min  
Delta R.T.: -0.002 min  
Response: 413134  
Conc: 3.30 ug/ml



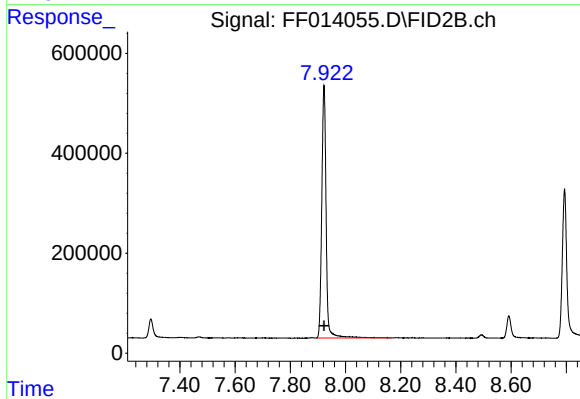
#2 Naphthalene (C11.7)

R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 420385  
Conc: 3.33 ug/ml



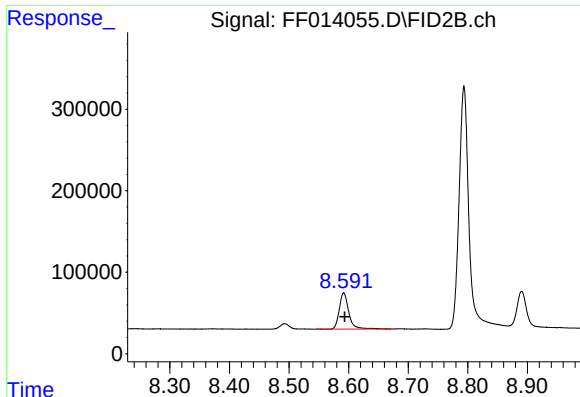
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.295 min  
Delta R.T.: 0.000 min  
Response: 433078  
Conc: 3.41 ug/ml



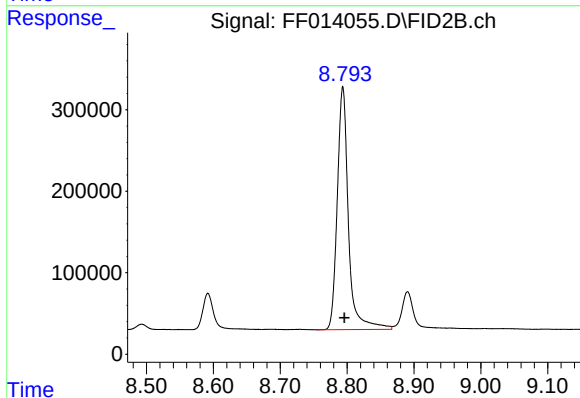
#4 2-Bromonaphthalene (SURR)

R.T.: 7.922 min  
Delta R.T.: 0.000 min  
Response: 5554514  
Conc: 47.75 ug/ml



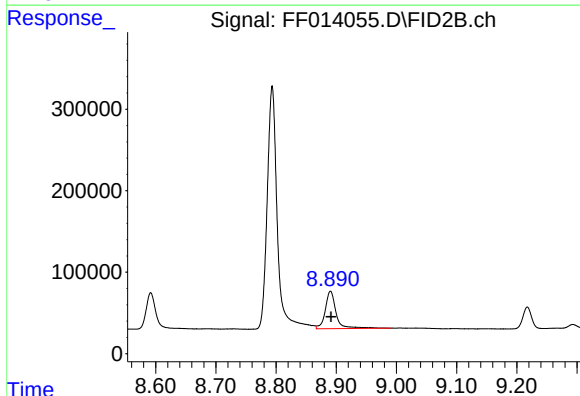
#5 Acenaphthylene (C15.06)

R.T.: 8.592 min  
Delta R.T.: -0.001 min  
Response: 490925  
Conc: 4.06 ug/ml



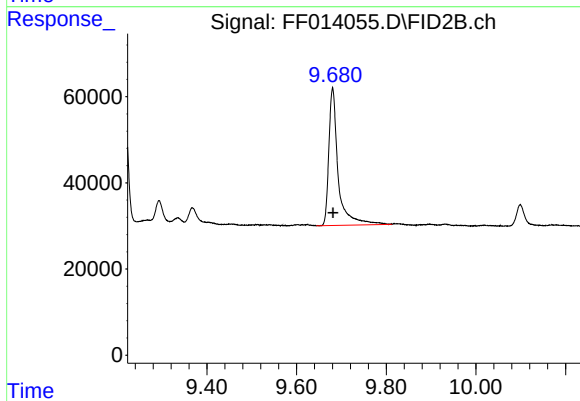
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.794 min  
Delta R.T.: -0.003 min  
Response: 3458259  
Conc: 47.03 ug/ml



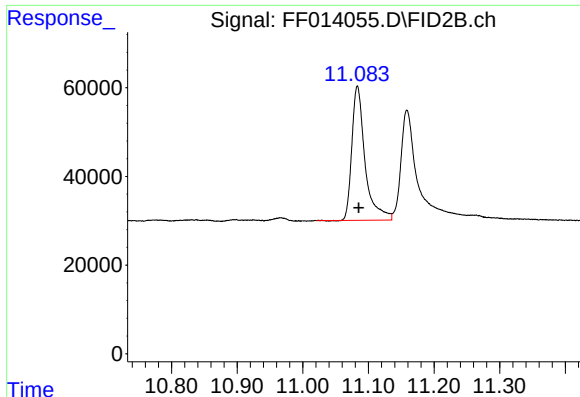
#7 Acenaphthene (C15.5)

R.T.: 8.891 min  
Delta R.T.: -0.001 min  
Response: 571476  
Conc: 4.30 ug/ml



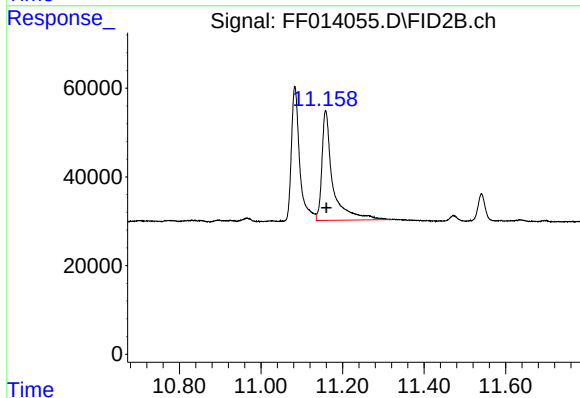
#8 Fluorene (C16.55)

R.T.: 9.681 min  
Delta R.T.: -0.001 min  
Response: 461217  
Conc: 3.70 ug/ml



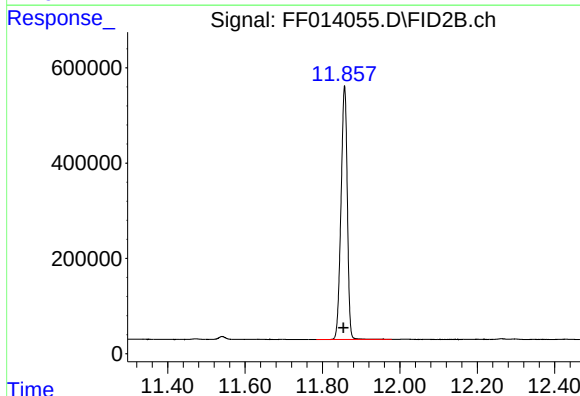
#9 Phenanthrene (C19.36)

R.T.: 11.083 min  
Delta R.T.: -0.002 min  
Response: 424425  
Conc: 3.53 ug/ml



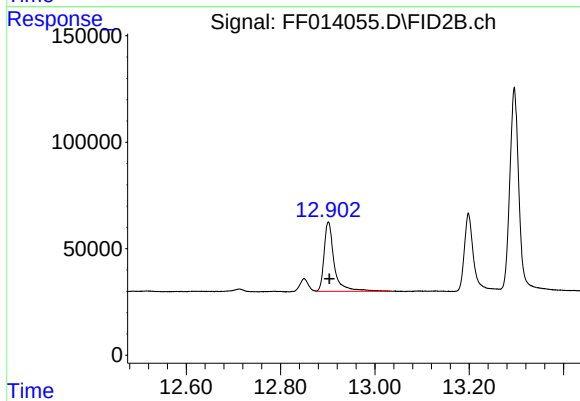
#10 Anthracene (C19.43)

R.T.: 11.159 min  
Delta R.T.: -0.002 min  
Response: 459663  
Conc: 4.38 ug/ml



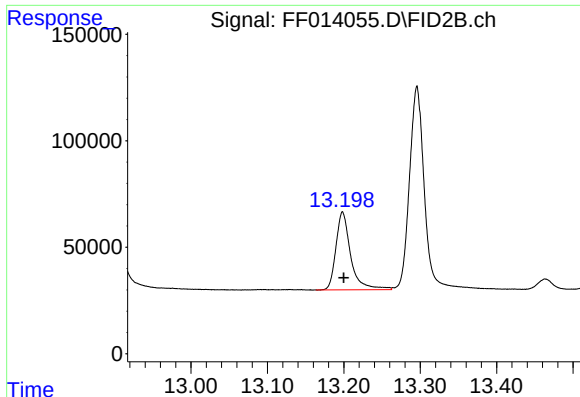
#11 ortho-Terphenyl (SURR)

R.T.: 11.857 min  
Delta R.T.: 0.003 min  
Response: 6005411  
Conc: 40.25 ug/ml



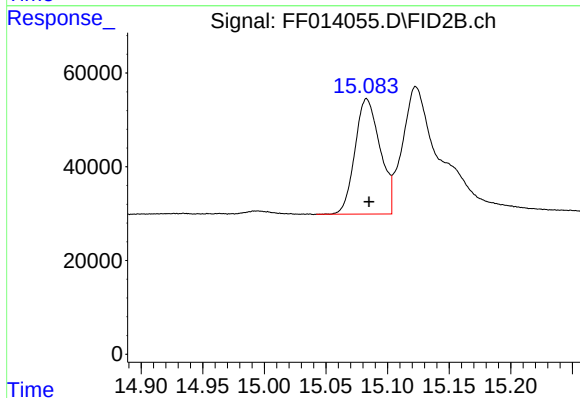
#12 Fluoranthene (C21.85)

R.T.: 12.901 min  
Delta R.T.: -0.002 min  
Response: 486817  
Conc: 3.83 ug/ml



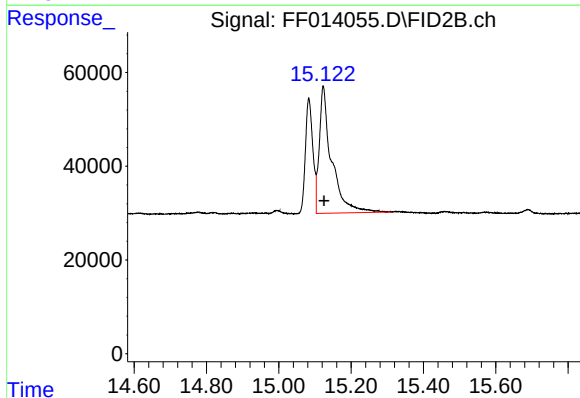
#13 Pyrene (C20.8)

R.T.: 13.198 min  
Delta R.T.: -0.002 min  
Response: 491993  
Conc: 3.99 ug/ml



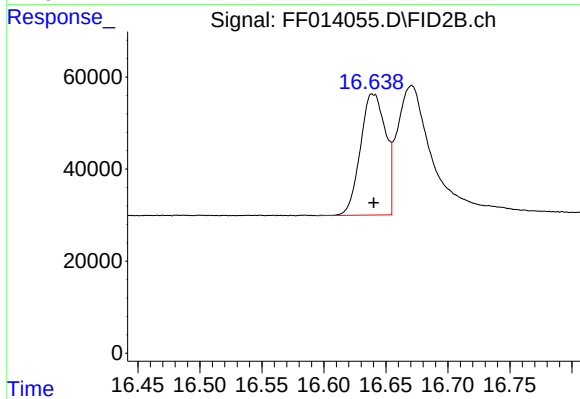
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.083 min  
Delta R.T.: -0.002 min  
Response: 349185  
Conc: 3.51 ug/ml



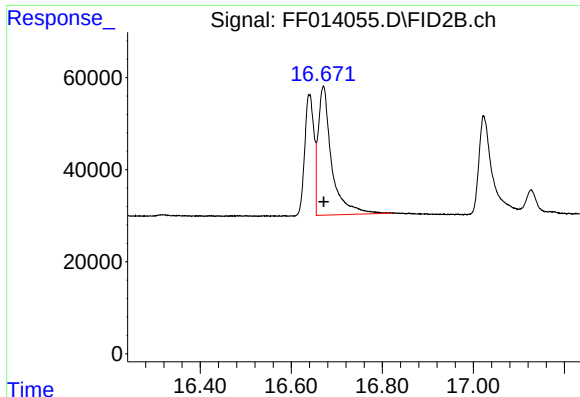
#15 Chrysene (C27.41)

R.T.: 15.123 min  
Delta R.T.: -0.002 min  
Response: 640446  
Conc: 4.93 ug/ml



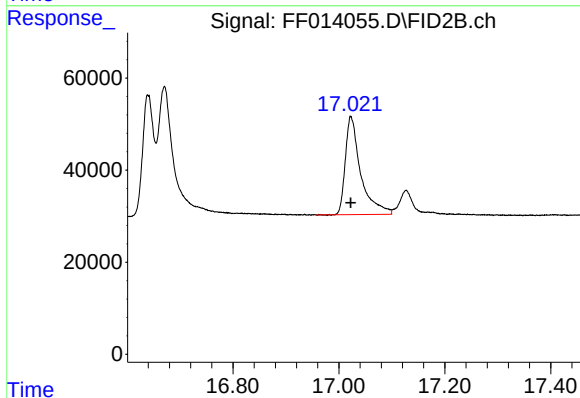
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.640 min  
Delta R.T.: 0.000 min  
Response: 370551  
Conc: 3.45 ug/ml



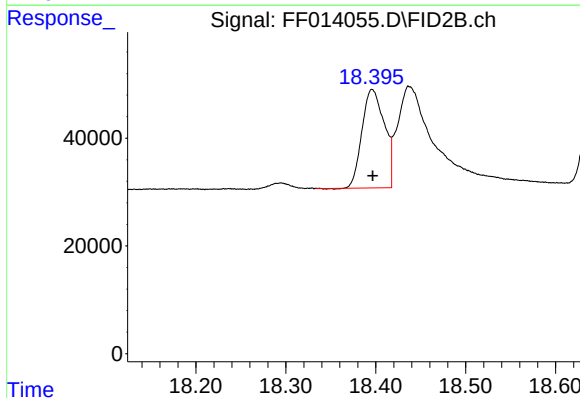
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.670 min  
Delta R.T.: 0.000 min  
Response: 576358  
Conc: 4.56 ug/ml



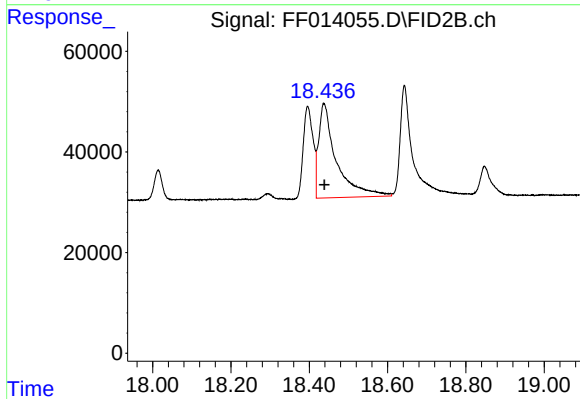
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.023 min  
Delta R.T.: 0.000 min  
Response: 431043  
Conc: 3.91 ug/ml



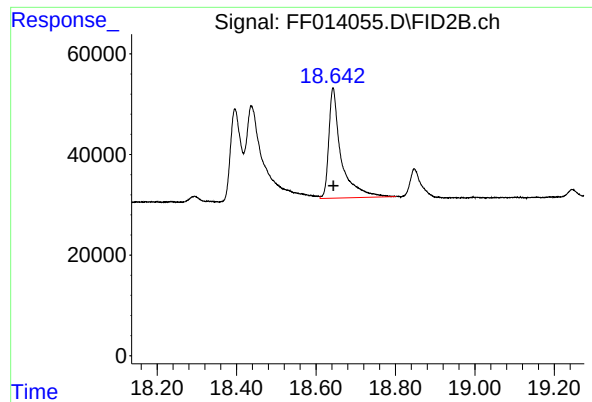
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.396 min  
Delta R.T.: 0.000 min  
Response: 316824  
Conc: 3.46 ug/ml



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

R.T.: 18.438 min  
Delta R.T.: -0.001 min  
Response: 587507  
Conc: 4.55 ug/ml



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

R.T.: 18.643 min  
Delta R.T.: -0.001 min  
Response: 473468  
Conc: 4.07 ug/ml