

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032823AR\  
 Data File : FD045357.D  
 Signal(s) : FID2B.ch  
 Acq On : 27 Mar 2023 17:56  
 Operator : YP/AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 28 05:49:29 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 0302823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 28 05:49:14 2023  
 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...      | 7.555  | 12799952   | 97.267 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 194.53%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.412  | 8514370    | 98.215 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 196.43%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.454 | 16030357   | 96.976 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 193.95%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.362  | 14254455   | 96.439 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.895  | 14806564   | 96.764 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.946  | 14854726   | 96.966 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.217  | 13685009   | 97.544 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.515  | 14518568   | 97.457 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.293  | 14085194   | 98.092 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.685 | 13706171   | 98.175 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.761 | 13134258   | 98.287 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.492 | 13491633   | 97.960 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.788 | 13182176   | 97.922 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.653 | 12017551   | 97.766 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.700 | 12284622   | 97.406 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.198 | 12201655   | 98.074 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.198 | 12201655   | 99.900 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.578 | 11731251   | 97.392 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.937 | 11302262   | 98.680 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.937 | 11302262   | 102.057 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.197 | 11423885   | 96.175 ug/ml  |
| -----                              |        |            |               |

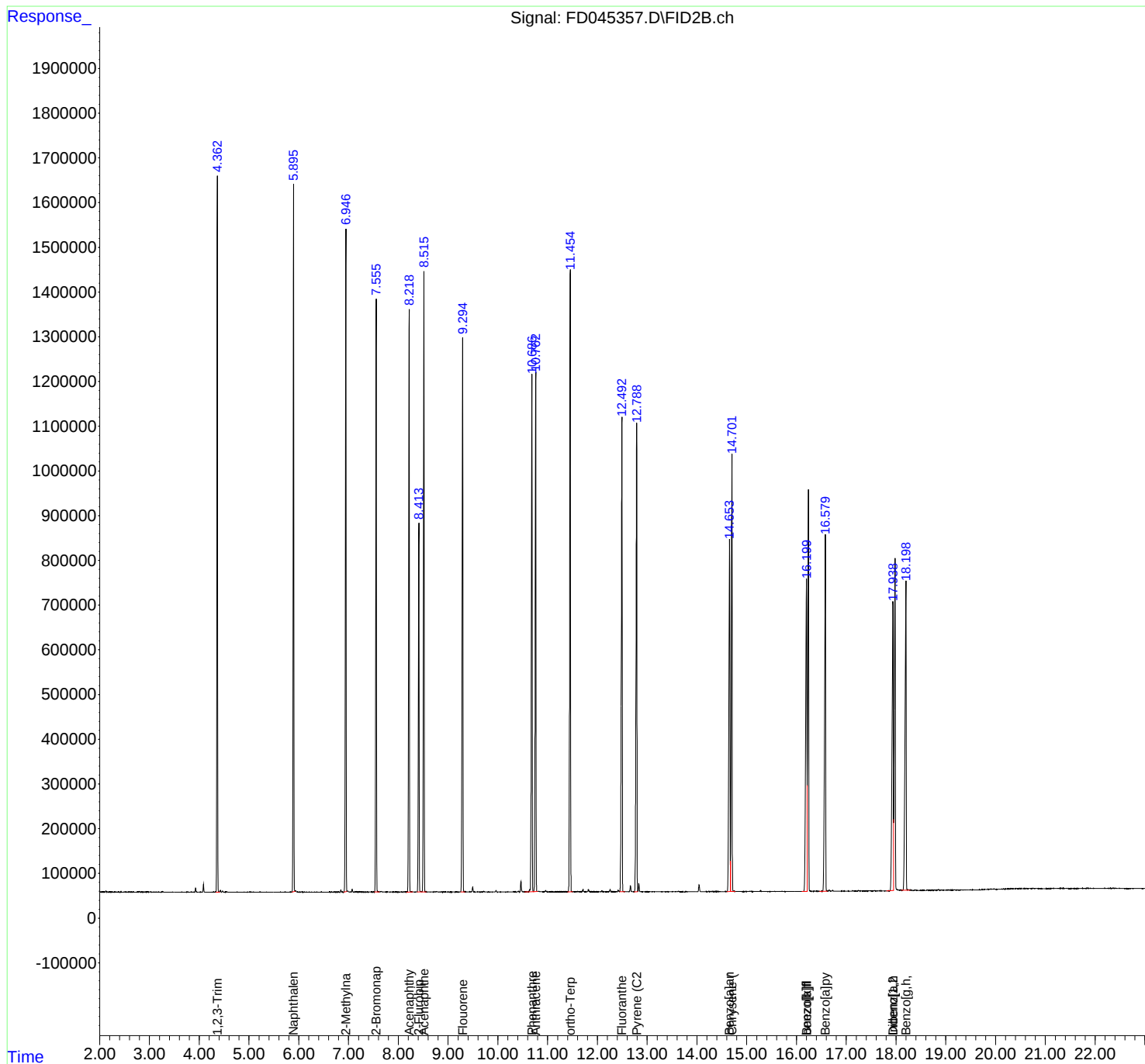
(f)=RT Delta > 1/2 Window

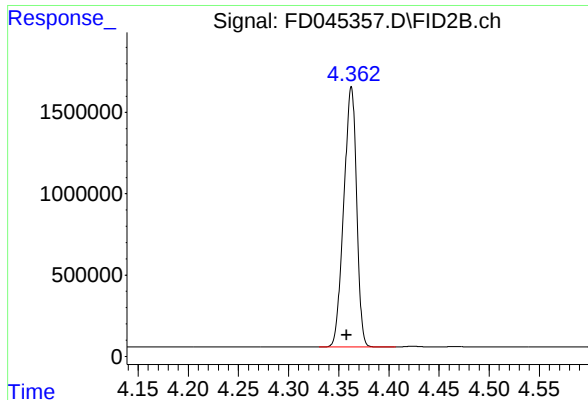
(m)=manual int.

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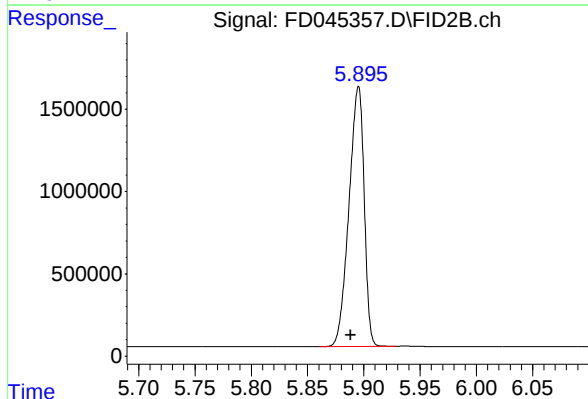
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





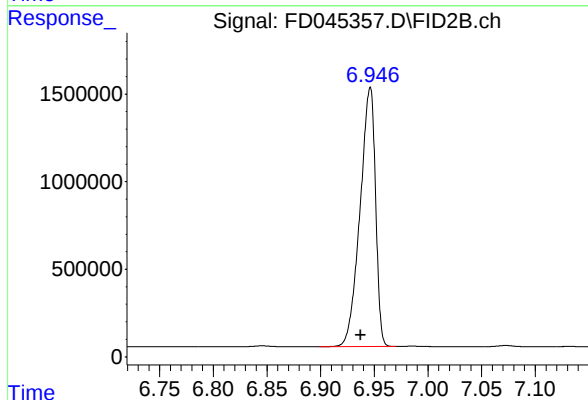
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.362 min  
Delta R.T.: 0.004 min  
Response: 14254455  
Conc: 96.44 ug/ml



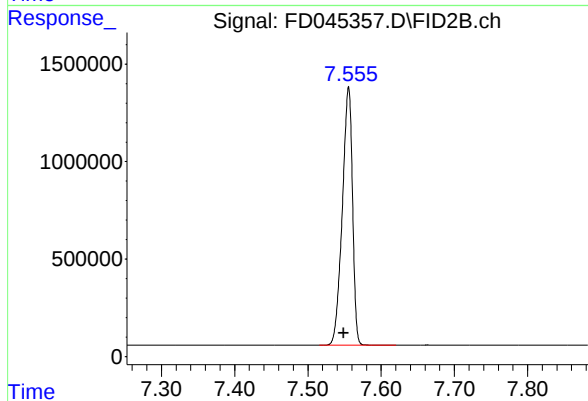
#2 Naphthalene (C11.7)

R.T.: 5.895 min  
Delta R.T.: 0.006 min  
Response: 14806564  
Conc: 96.76 ug/ml



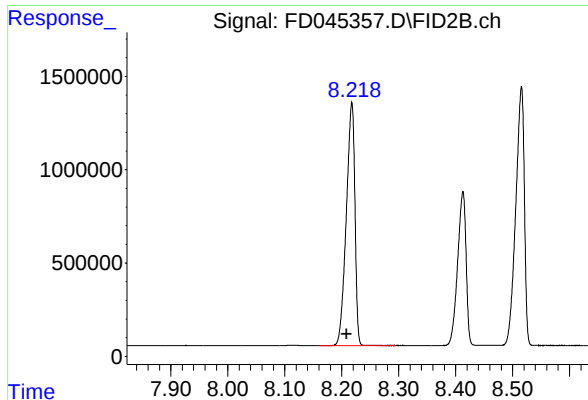
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min  
Delta R.T.: 0.008 min  
Response: 14854726  
Conc: 96.97 ug/ml



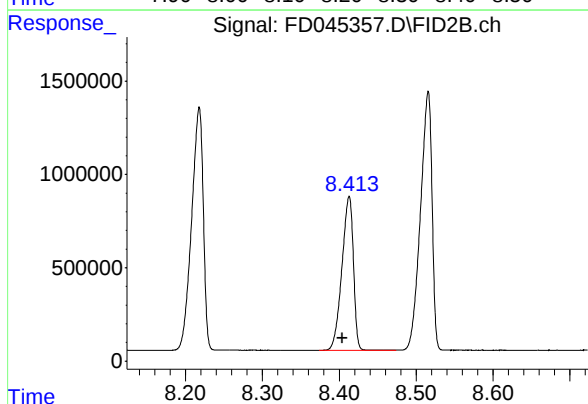
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min  
Delta R.T.: 0.006 min  
Response: 12799952  
Conc: 97.27 ug/ml



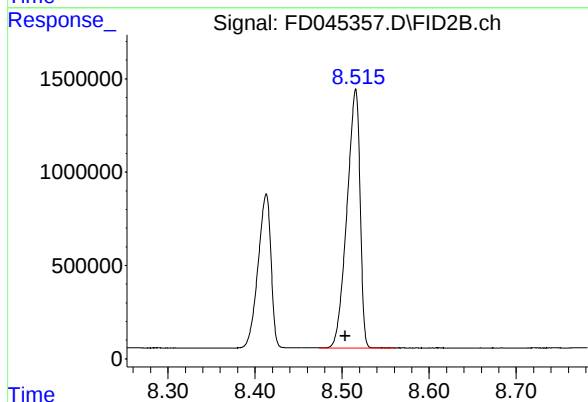
#5 Acenaphthylene (C15.06)

R.T.: 8.217 min  
Delta R.T.: 0.009 min  
Response: 13685009  
Conc: 97.54 ug/ml



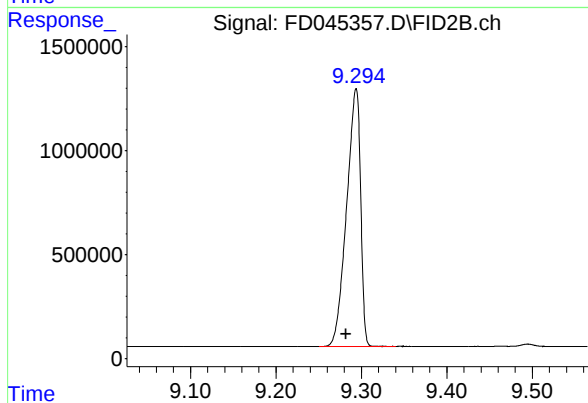
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min  
Delta R.T.: 0.008 min  
Response: 8514370  
Conc: 98.22 ug/ml



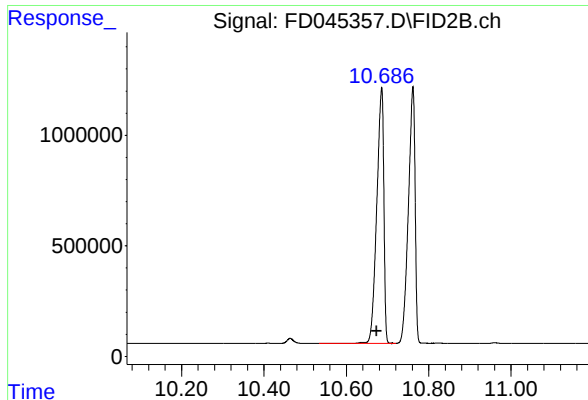
#7 Acenaphthene (C15.5)

R.T.: 8.515 min  
Delta R.T.: 0.011 min  
Response: 14518568  
Conc: 97.46 ug/ml



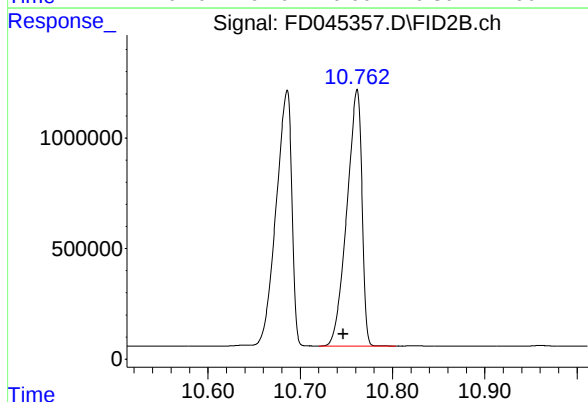
#8 Flouorene (C16.55)

R.T.: 9.293 min  
Delta R.T.: 0.011 min  
Response: 14085194  
Conc: 98.09 ug/ml



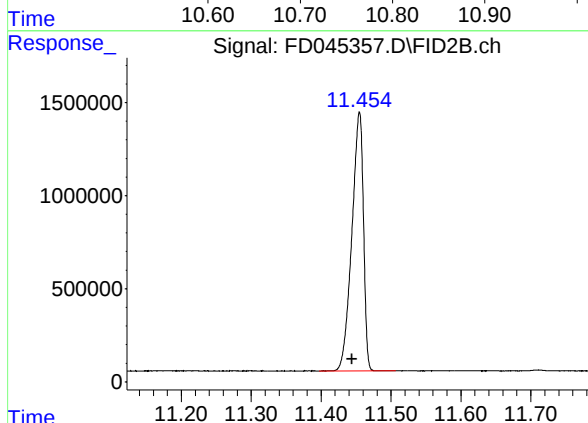
#9 Phenanthrene (C19.36)

R.T.: 10.685 min  
Delta R.T.: 0.011 min  
Response: 13706171  
Conc: 98.17 ug/ml



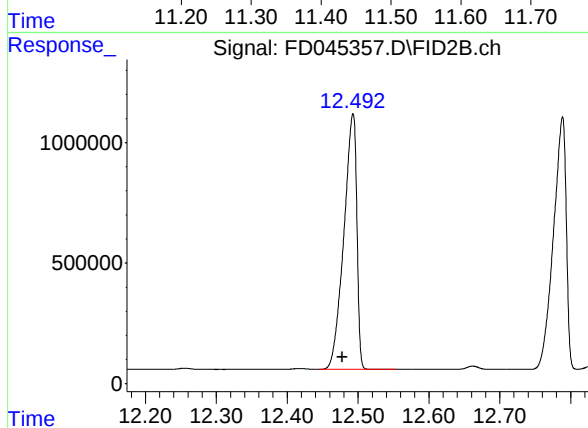
#10 Anthracene (C19.43)

R.T.: 10.761 min  
Delta R.T.: 0.014 min  
Response: 13134258  
Conc: 98.29 ug/ml



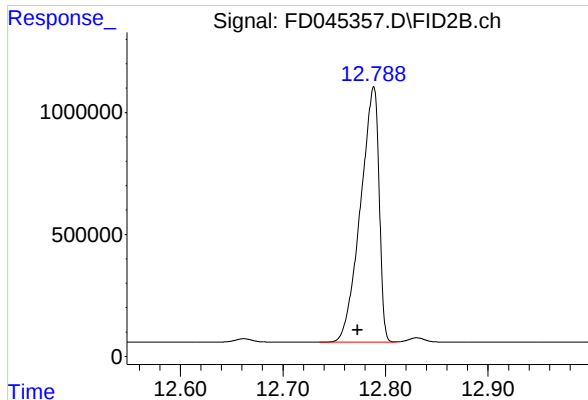
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min  
Delta R.T.: 0.010 min  
Response: 16030357  
Conc: 96.98 ug/ml



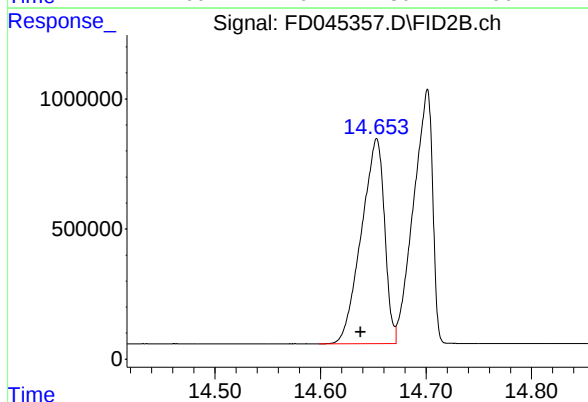
#12 Fluoranthene (C21.85)

R.T.: 12.492 min  
Delta R.T.: 0.014 min  
Response: 13491633  
Conc: 97.96 ug/ml



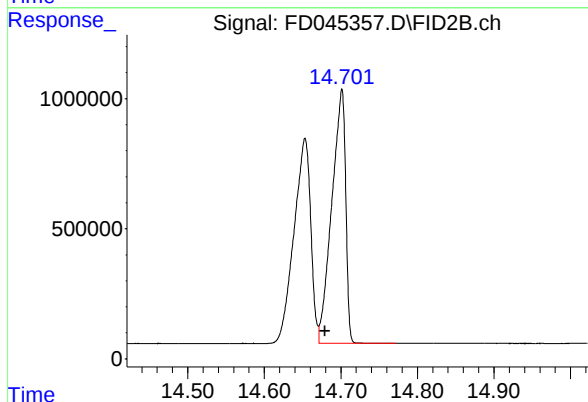
#13 Pyrene (C20.8)

R.T.: 12.788 min  
Delta R.T.: 0.015 min  
Response: 13182176  
Conc: 97.92 ug/ml



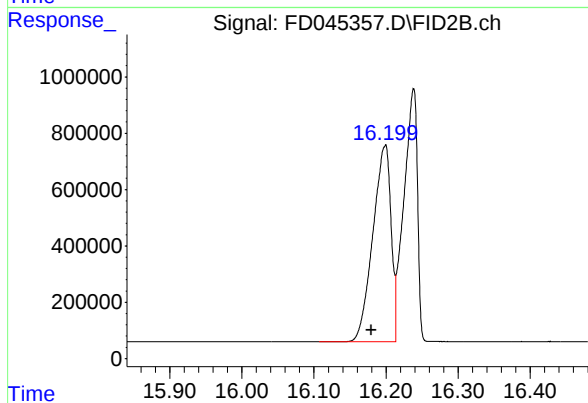
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min  
Delta R.T.: 0.015 min  
Response: 12017551  
Conc: 97.77 ug/ml



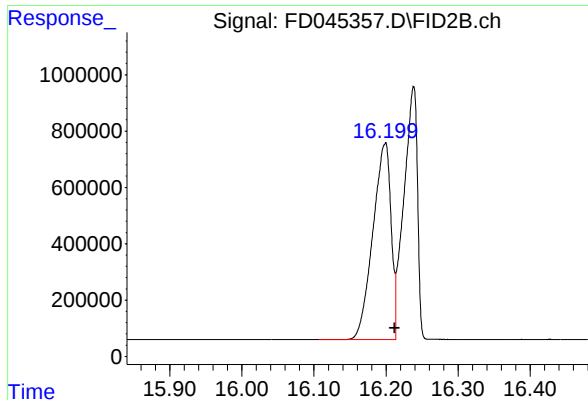
#15 Chrysene (C27.41)

R.T.: 14.700 min  
Delta R.T.: 0.021 min  
Response: 12284622  
Conc: 97.41 ug/ml



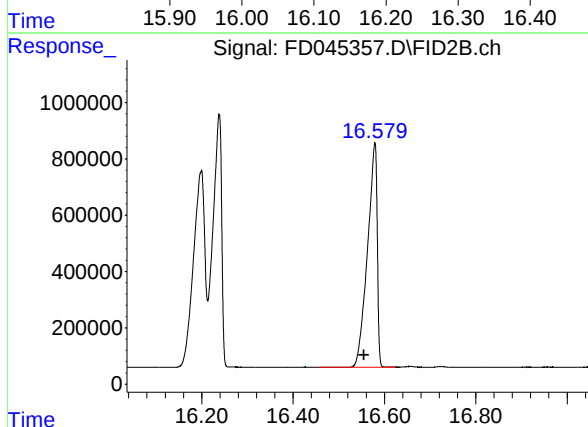
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.198 min  
Delta R.T.: 0.019 min  
Response: 12201655  
Conc: 98.07 ug/ml



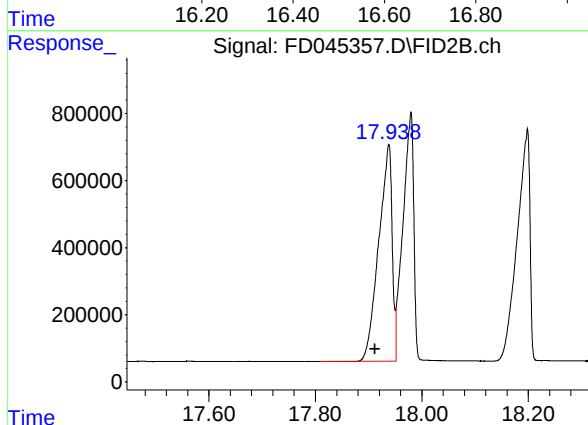
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.198 min  
Delta R.T.: -0.014 min  
Response: 12201655  
Conc: 99.90 ug/ml



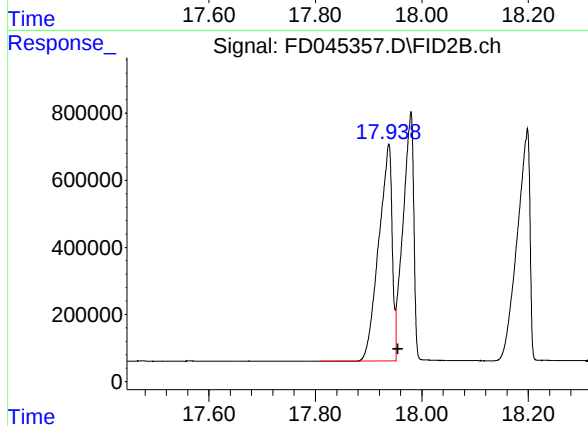
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.578 min  
Delta R.T.: 0.023 min  
Response: 11731251  
Conc: 97.39 ug/ml



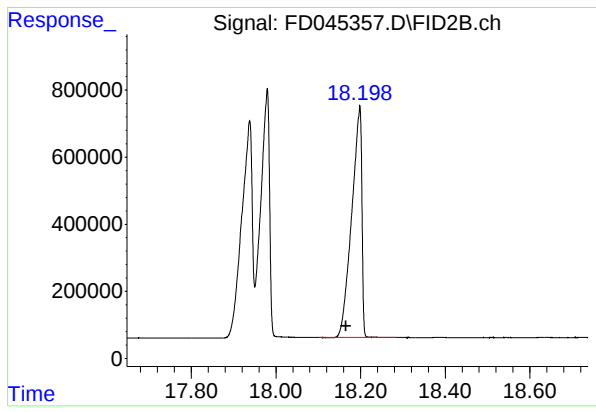
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.937 min  
Delta R.T.: 0.025 min  
Response: 11302262  
Conc: 98.68 ug/ml



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

R.T.: 17.937 min  
Delta R.T.: -0.018 min  
Response: 11302262  
Conc: 102.06 ug/ml



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

R.T.: 18.197 min  
Delta R.T.: 0.031 min  
Response: 11423885  
Conc: 96.17 ug/ml