

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062422AR\  
 Data File : FD043042.D  
 Signal(s) : FID2B.ch  
 Acq On : 25 Jun 2022 03:07  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Jun 25 04:38:32 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062422.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 25 04:36:55 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...      | 7.640  | 793279     | 5.131 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.26%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.504  | 536449     | 5.143 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 10.29%      |
| 11) S ortho-Terphenyl (SURR)       | 11.551 | 954705     | 5.344 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.69%      |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.434  | 866689     | 5.232 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.975  | 893633     | 5.168 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.028  | 818134     | 5.153 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.306  | 936458     | 5.367 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.602  | 906070     | 5.243 ug/ml |
| 8) T Fluorene (C16.55)             | 9.385  | 892361     | 5.216 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.784 | 875559     | 5.165 ug/ml |
| 10) T Anthracene (C19.43)          | 10.858 | 896971     | 5.330 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.598 | 871915     | 5.265 ug/ml |
| 13) T Pyrene (C20.8)               | 12.895 | 829378     | 5.155 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.768 | 788684     | 5.103 ug/ml |
| 15) T Chrysene (C27.41)            | 14.810 | 849255     | 5.478 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.320 | 781726     | 5.162 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.351 | 786108     | 5.447 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.700 | 747295     | 5.285 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.064 | 623625     | 5.060 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.105 | 730813     | 5.465 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.318 | 677992     | 5.259 ug/ml |
| -----                              |        |            |             |

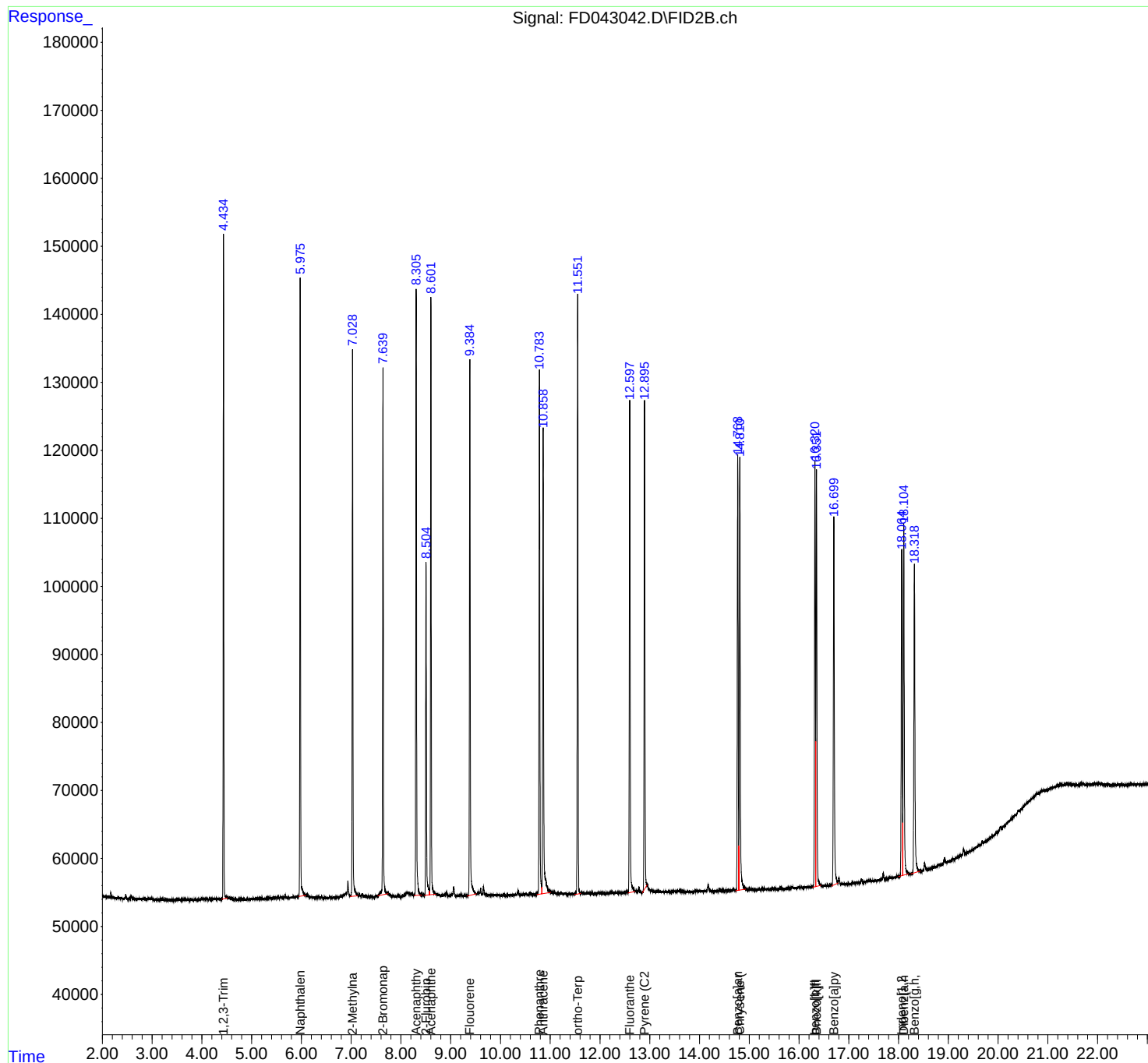
(f)=RT Delta > 1/2 Window

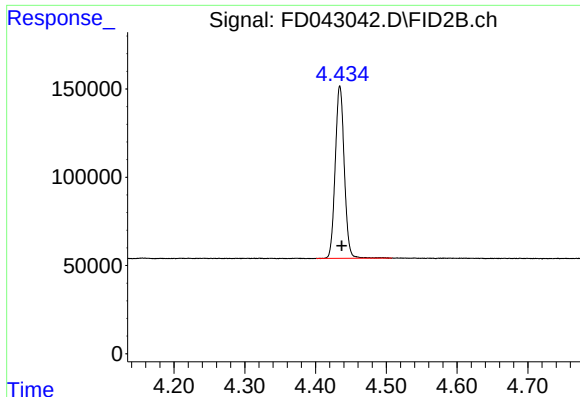
(m)=manual int.

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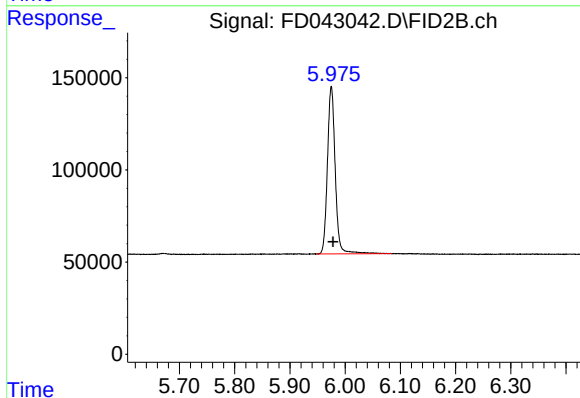
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





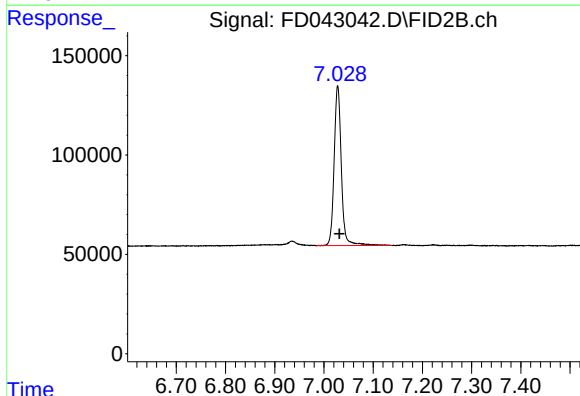
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.434 min  
Delta R.T.: -0.003 min  
Response: 866689  
Conc: 5.23 ug/ml



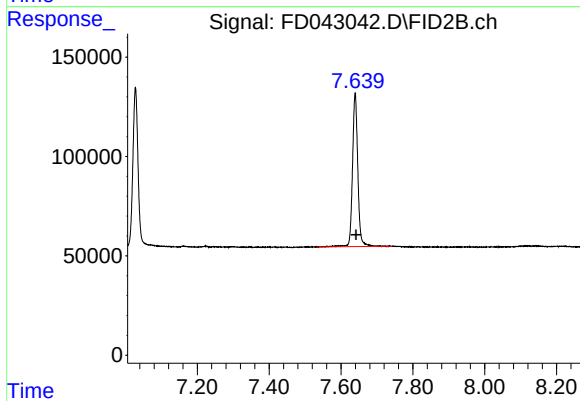
#2 Naphthalene (C11.7)

R.T.: 5.975 min  
Delta R.T.: -0.003 min  
Response: 893633  
Conc: 5.17 ug/ml



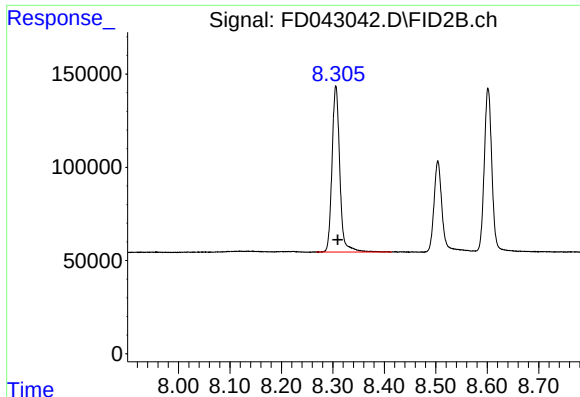
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.028 min  
Delta R.T.: -0.003 min  
Response: 818134  
Conc: 5.15 ug/ml



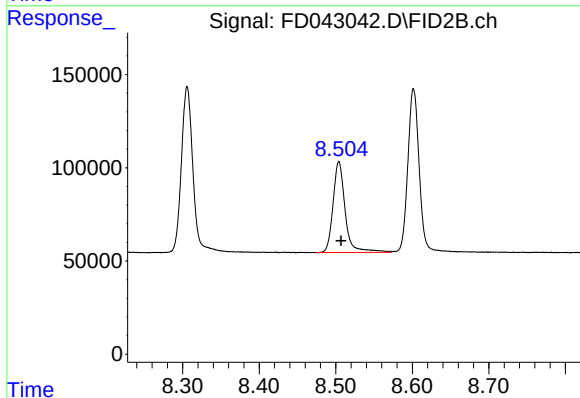
#4 2-Bromonaphthalene (SURR)

R.T.: 7.640 min  
Delta R.T.: -0.003 min  
Response: 793279  
Conc: 5.13 ug/ml



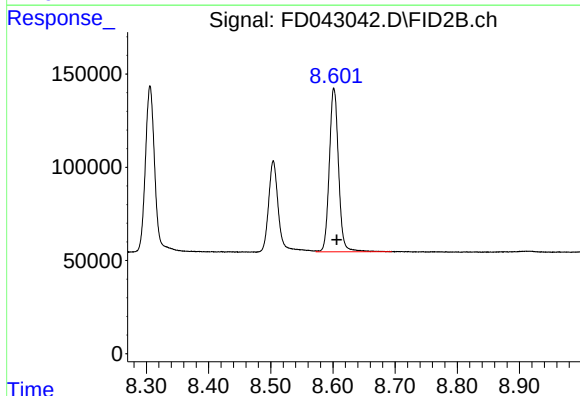
#5 Acenaphthylene (C15.06)

R.T.: 8.306 min  
Delta R.T.: -0.004 min  
Response: 936458  
Conc: 5.37 ug/ml



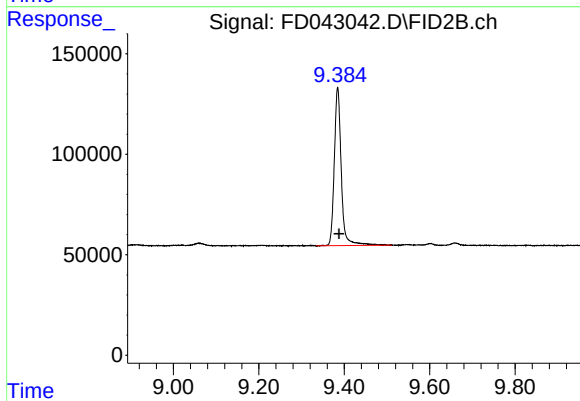
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min  
Delta R.T.: -0.003 min  
Response: 536449  
Conc: 5.14 ug/ml



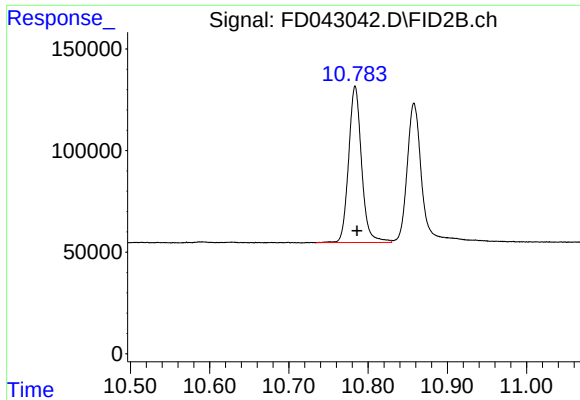
#7 Acenaphthene (C15.5)

R.T.: 8.602 min  
Delta R.T.: -0.004 min  
Response: 906070  
Conc: 5.24 ug/ml



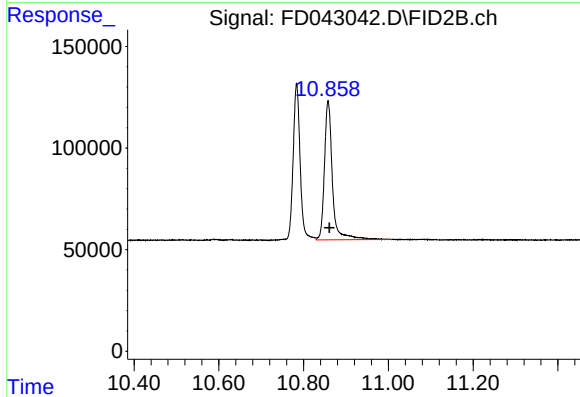
#8 Flouorene (C16.55)

R.T.: 9.385 min  
Delta R.T.: -0.003 min  
Response: 892361  
Conc: 5.22 ug/ml



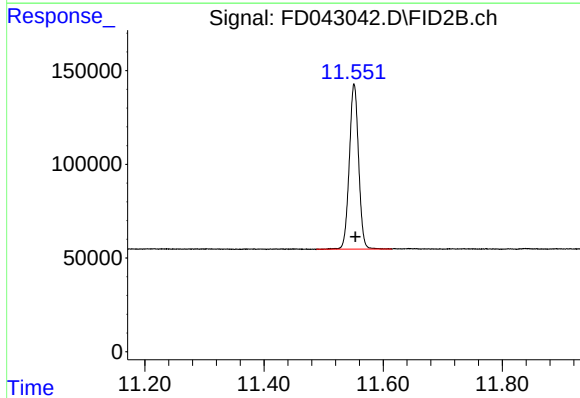
#9 Phenanthrene (C19.36)

R.T.: 10.784 min  
Delta R.T.: -0.002 min  
Response: 875559  
Conc: 5.16 ug/ml



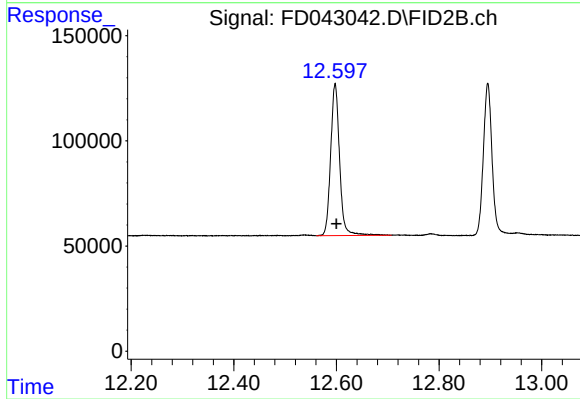
#10 Anthracene (C19.43)

R.T.: 10.858 min  
Delta R.T.: -0.003 min  
Response: 896971  
Conc: 5.33 ug/ml



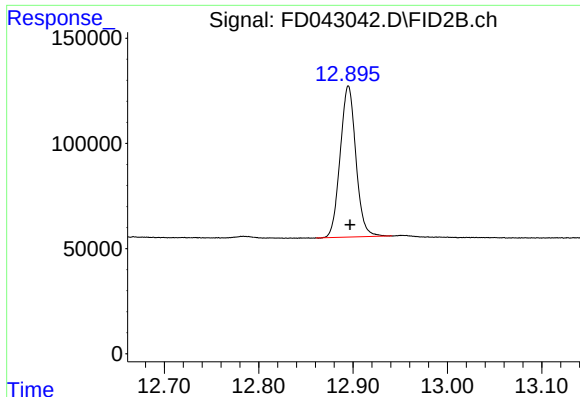
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min  
Delta R.T.: -0.002 min  
Response: 954705  
Conc: 5.34 ug/ml



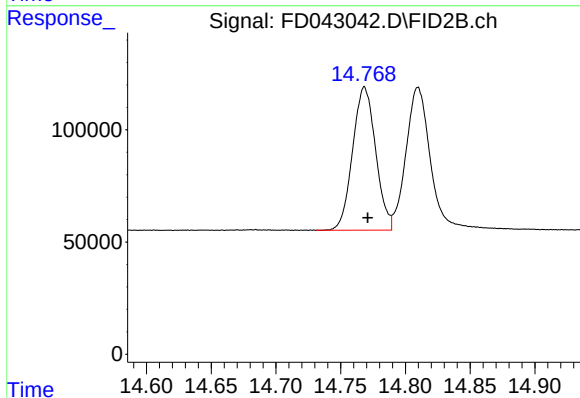
#12 Fluoranthene (C21.85)

R.T.: 12.598 min  
Delta R.T.: -0.003 min  
Response: 871915  
Conc: 5.26 ug/ml



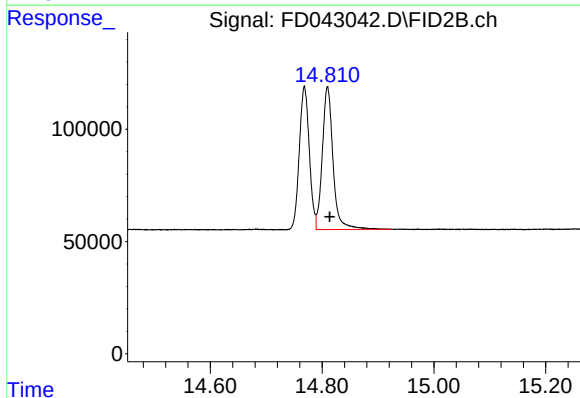
#13 Pyrene (C20.8)

R.T.: 12.895 min  
Delta R.T.: -0.002 min  
Response: 829378  
Conc: 5.15 ug/ml



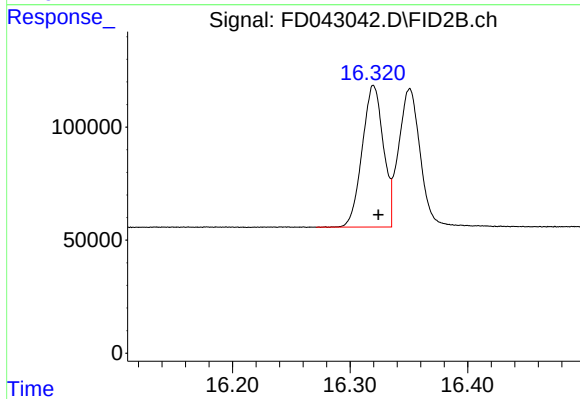
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min  
Delta R.T.: -0.003 min  
Response: 788684  
Conc: 5.10 ug/ml



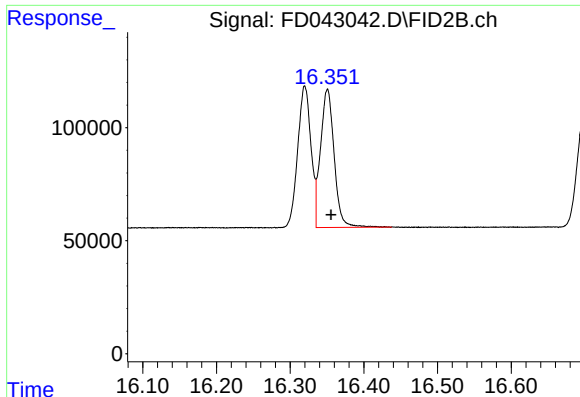
#15 Chrysene (C27.41)

R.T.: 14.810 min  
Delta R.T.: -0.004 min  
Response: 849255  
Conc: 5.48 ug/ml



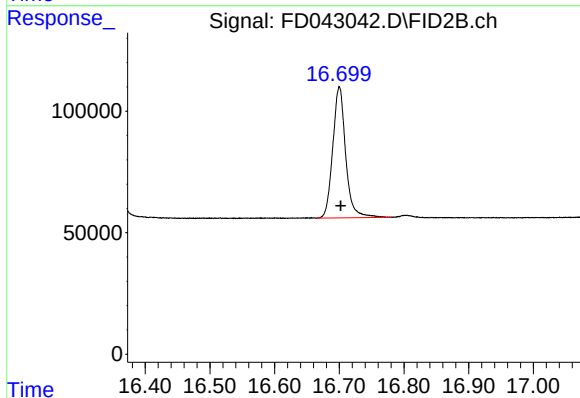
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.320 min  
Delta R.T.: -0.004 min  
Response: 781726  
Conc: 5.16 ug/ml



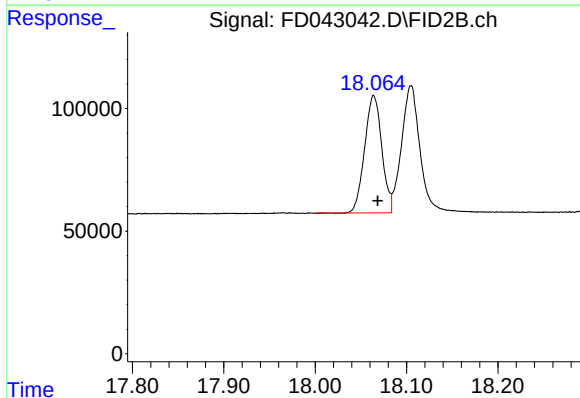
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.351 min  
Delta R.T.: -0.005 min  
Response: 786108  
Conc: 5.45 ug/ml



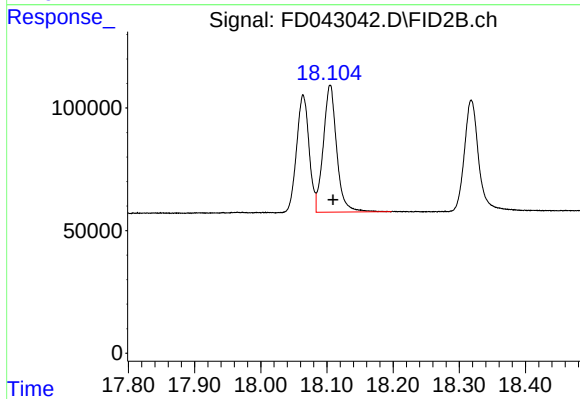
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.700 min  
Delta R.T.: -0.002 min  
Response: 747295  
Conc: 5.29 ug/ml



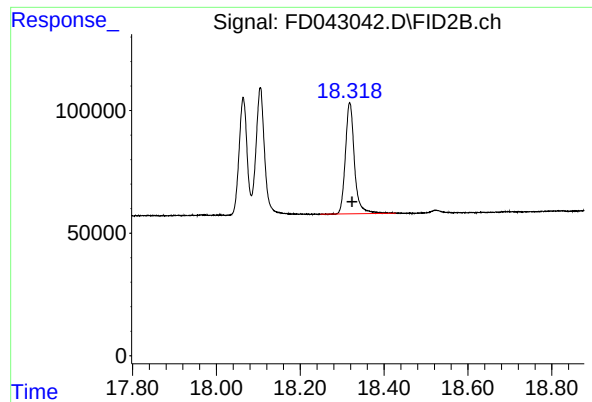
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min  
Delta R.T.: -0.005 min  
Response: 623625  
Conc: 5.06 ug/ml



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

R.T.: 18.105 min  
Delta R.T.: -0.004 min  
Response: 730813  
Conc: 5.46 ug/ml



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

R.T.: 18.318 min  
Delta R.T.: -0.005 min  
Response: 677992  
Conc: 5.26 ug/ml