

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072522AR\  
 Data File : FD043331.D  
 Signal(s) : FID2B.ch  
 Acq On : 25 Jul 2022 14:08  
 Operator : YP/AJ  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 25 15:43:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 25 15:39:37 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...      | 7.620  | 6869248    | 49.474 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.95%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.484  | 4736026    | 49.922 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 99.84%       |
| 11) S ortho-Terphenyl (SURR)       | 11.531 | 8192795    | 49.823 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 99.65%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.414  | 7625719    | 49.817 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.955  | 7937689    | 50.262 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.009  | 7241835    | 50.068 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.287  | 7878187    | 49.928 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.584  | 7836813    | 49.706 ug/ml |
| 8) T Fluorene (C16.55)             | 9.365  | 7763541    | 50.120 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.763 | 7759526    | 50.208 ug/ml |
| 10) T Anthracene (C19.43)          | 10.839 | 7463657    | 49.593 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.578 | 7733327    | 50.085 ug/ml |
| 13) T Pyrene (C20.8)               | 12.876 | 7665239    | 50.124 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.750 | 7433291    | 50.380 ug/ml |
| 15) T Chrysene (C27.41)            | 14.794 | 7428328    | 49.754 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.302 | 7449429    | 50.006 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.338 | 7121520    | 49.852 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.682 | 6981969    | 49.879 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.047 | 6043562    | 49.527 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.087 | 6577995    | 49.300 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.303 | 6229246    | 48.868 ug/ml |
| -----                              |        |            |              |

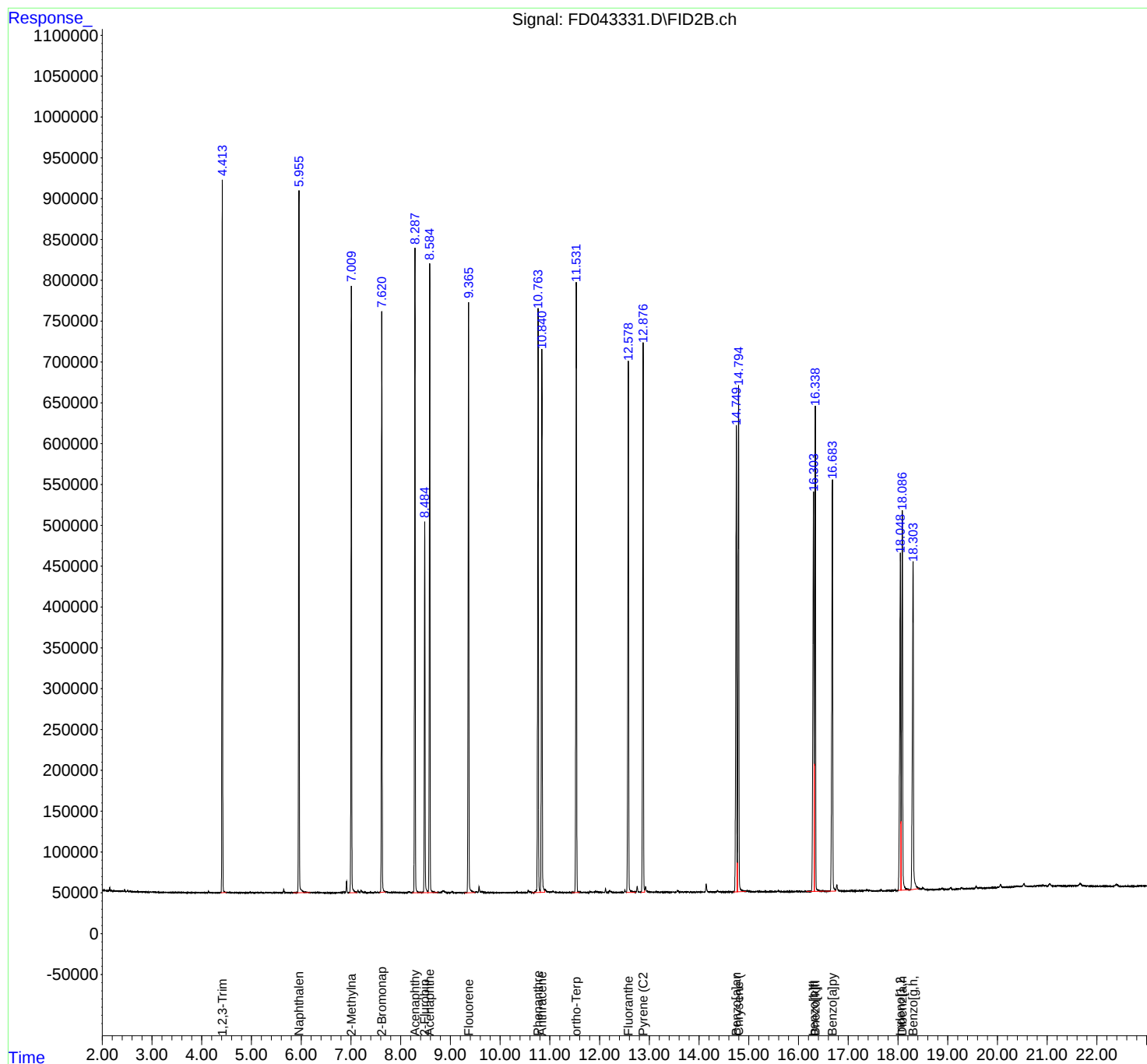
(f)=RT Delta > 1/2 Window

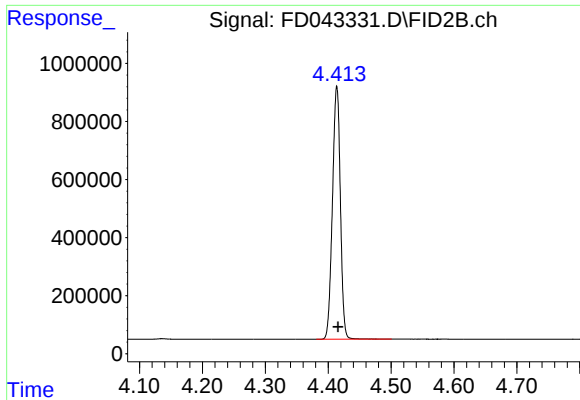
(m)=manual int.

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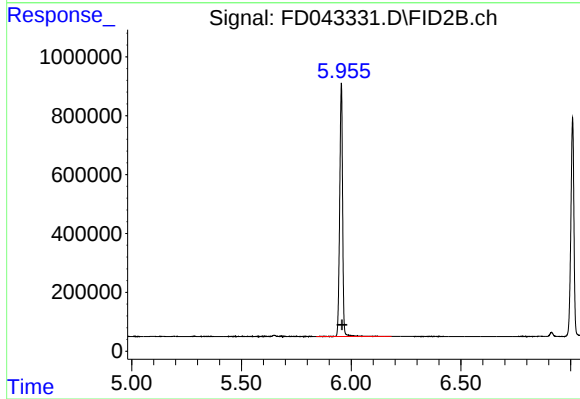
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





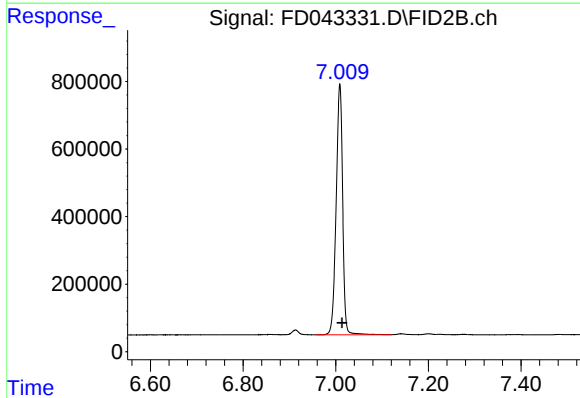
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.414 min  
Delta R.T.: -0.002 min  
Response: 7625719  
Conc: 49.82 ug/ml



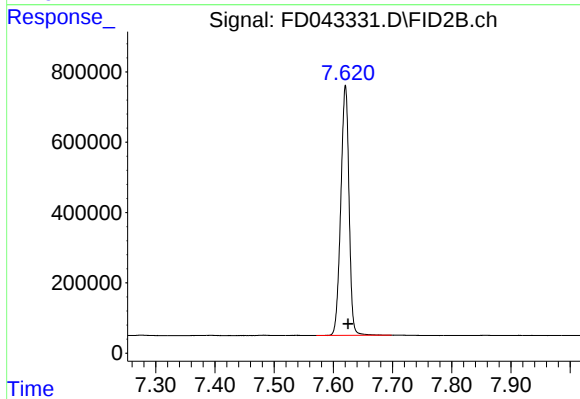
#2 Naphthalene (C11.7)

R.T.: 5.955 min  
Delta R.T.: -0.004 min  
Response: 7937689  
Conc: 50.26 ug/ml



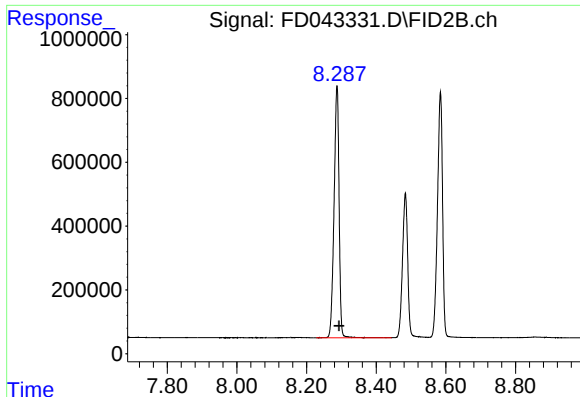
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min  
Delta R.T.: -0.005 min  
Response: 7241835  
Conc: 50.07 ug/ml



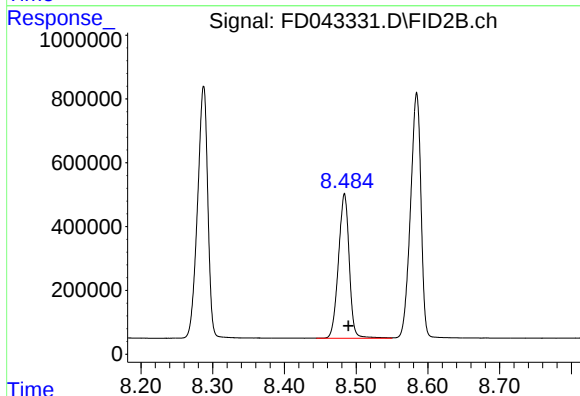
#4 2-Bromonaphthalene (SURR)

R.T.: 7.620 min  
Delta R.T.: -0.005 min  
Response: 6869248  
Conc: 49.47 ug/ml



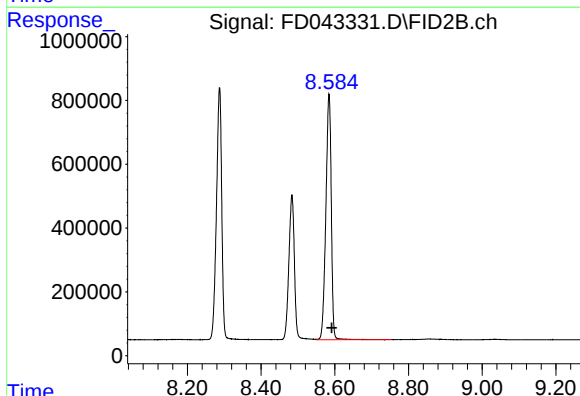
#5 Acenaphthylene (C15.06)

R.T.: 8.287 min  
Delta R.T.: -0.006 min  
Response: 7878187  
Conc: 49.93 ug/ml



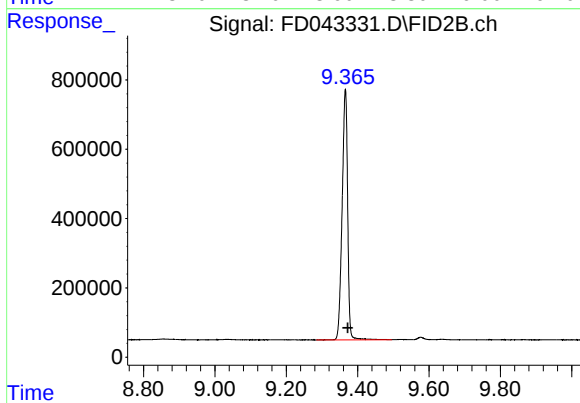
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min  
Delta R.T.: -0.005 min  
Response: 4736026  
Conc: 49.92 ug/ml



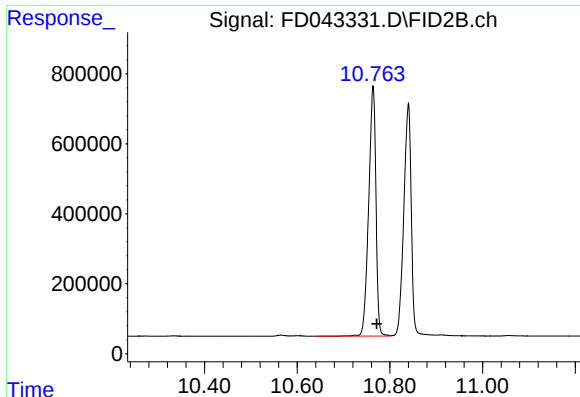
#7 Acenaphthene (C15.5)

R.T.: 8.584 min  
Delta R.T.: -0.007 min  
Response: 7836813  
Conc: 49.71 ug/ml



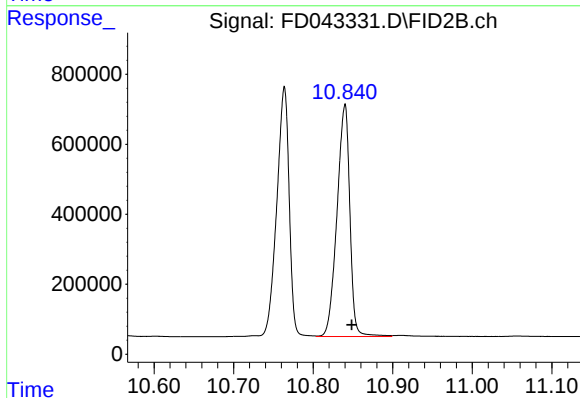
#8 Fluorene (C16.55)

R.T.: 9.365 min  
Delta R.T.: -0.007 min  
Response: 7763541  
Conc: 50.12 ug/ml



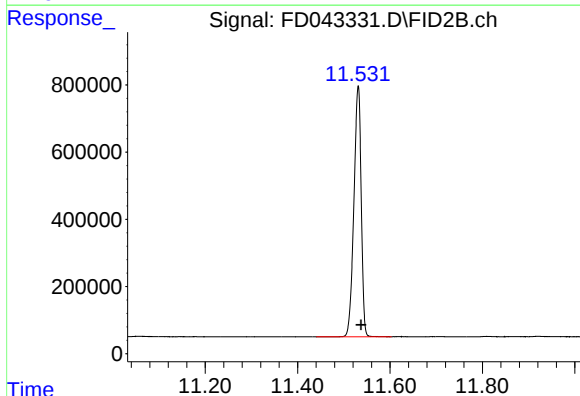
#9 Phenanthrene (C19.36)

R.T.: 10.763 min  
Delta R.T.: -0.008 min  
Response: 7759526  
Conc: 50.21 ug/ml



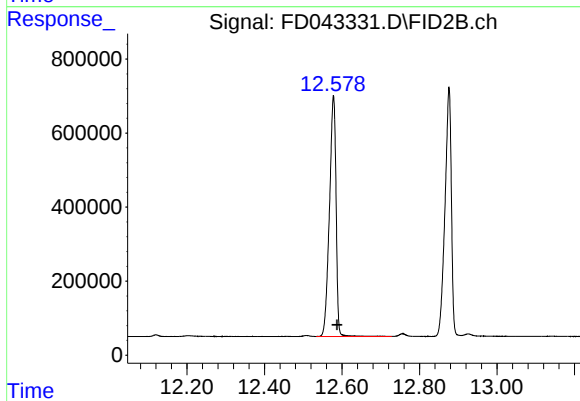
#10 Anthracene (C19.43)

R.T.: 10.839 min  
Delta R.T.: -0.009 min  
Response: 7463657  
Conc: 49.59 ug/ml



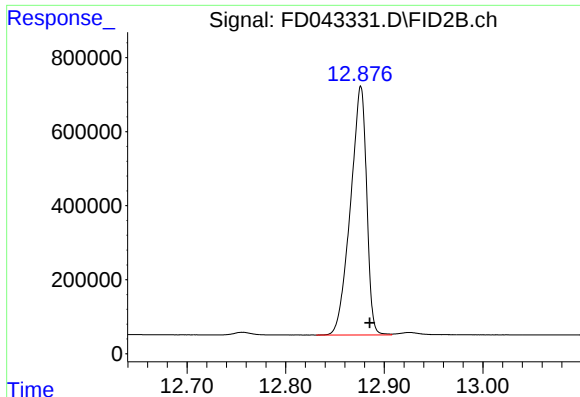
#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min  
Delta R.T.: -0.007 min  
Response: 8192795  
Conc: 49.82 ug/ml



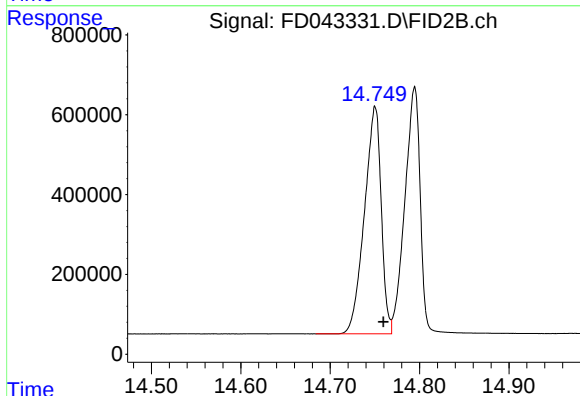
#12 Fluoranthene (C21.85)

R.T.: 12.578 min  
Delta R.T.: -0.010 min  
Response: 7733327  
Conc: 50.09 ug/ml



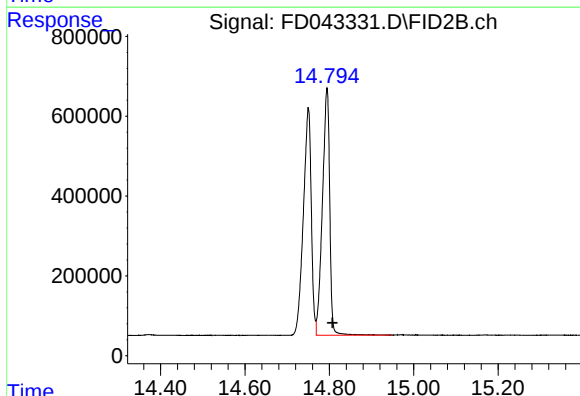
#13 Pyrene (C20.8)

R.T.: 12.876 min  
Delta R.T.: -0.010 min  
Response: 7665239  
Conc: 50.12 ug/ml



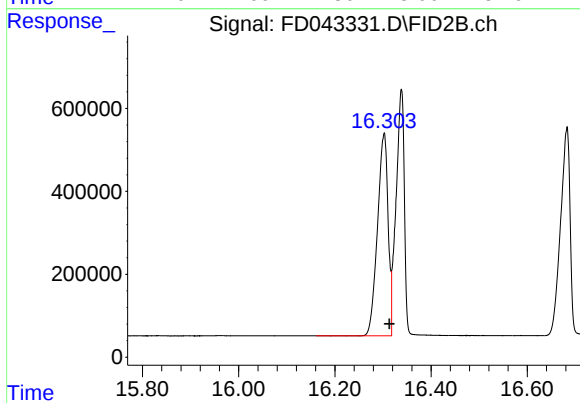
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.750 min  
Delta R.T.: -0.010 min  
Response: 7433291  
Conc: 50.38 ug/ml



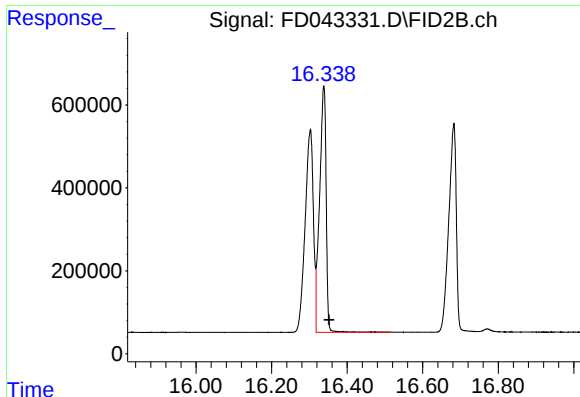
#15 Chrysene (C27.41)

R.T.: 14.794 min  
Delta R.T.: -0.013 min  
Response: 7428328  
Conc: 49.75 ug/ml



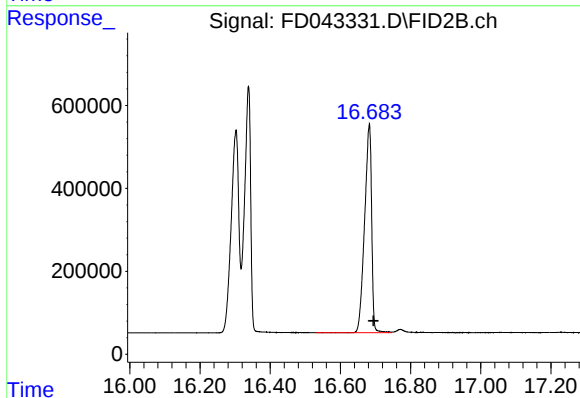
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.302 min  
Delta R.T.: -0.012 min  
Response: 7449429  
Conc: 50.01 ug/ml



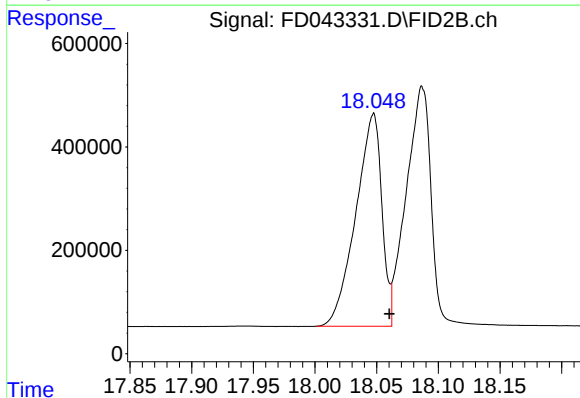
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.338 min  
Delta R.T.: -0.015 min  
Response: 7121520  
Conc: 49.85 ug/ml



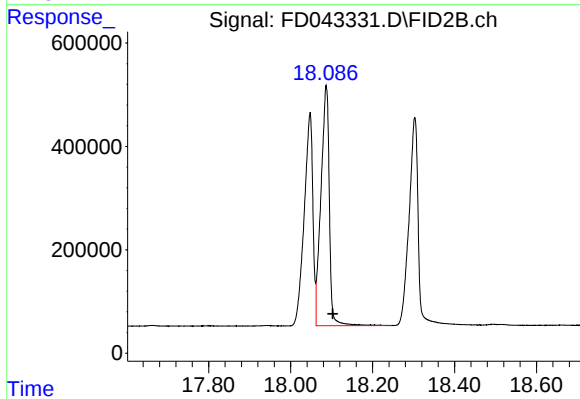
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min  
Delta R.T.: -0.013 min  
Response: 6981969  
Conc: 49.88 ug/ml



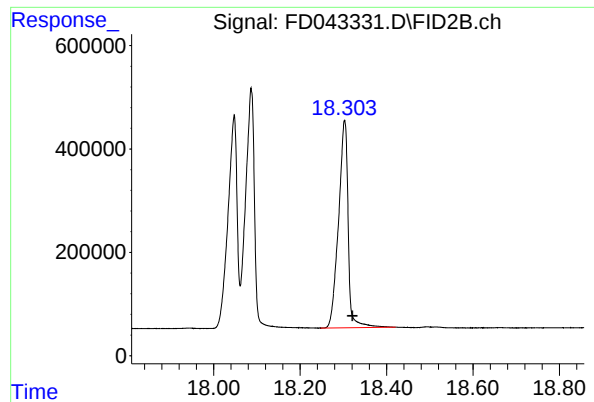
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.047 min  
Delta R.T.: -0.014 min  
Response: 6043562  
Conc: 49.53 ug/ml



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

R.T.: 18.087 min  
Delta R.T.: -0.016 min  
Response: 6577995  
Conc: 49.30 ug/ml



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

R.T.: 18.303 min  
Delta R.T.: -0.018 min  
Response: 6229246  
Conc: 48.87 ug/ml