

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020224AR\  
 Data File : FD047159.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Feb 2024 11:36  
 Operator : YP/AJ  
 Sample : P1187-03  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 05 07:17:13 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 010824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 08 15:15:30 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...      | 7.471  | 8945134    | 58.155 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 116.31%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.324  | 5886861    | 57.623 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 115.25%      |
| 11) S ortho-Terphenyl (SURR)       | 11.362 | 8841322    | 49.623 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 99.25%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.284  | 411677     | 2.643 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.810  | 458592     | 2.738 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.857  | 494089     | 2.914 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.125  | 494870     | 3.192 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.419  | 499498     | 3.025 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.198  | 490092     | 3.071 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.586 | 472618     | 2.986 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.661 | 468582     | 3.057 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.389 | 506824     | 3.177 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.682 | 508369     | 3.289 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.547 | 437714     | 3.118 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.587 | 493177     | 3.184 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.087 | 426010     | 2.937 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.118 | 474202     | 3.217 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.466 | 425239     | 2.975 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.823 | 352681     | 2.737 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.868 | 463922     | 3.272 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.070 | 382405     | 2.787 ug/ml  |
| -----                              |        |            |              |

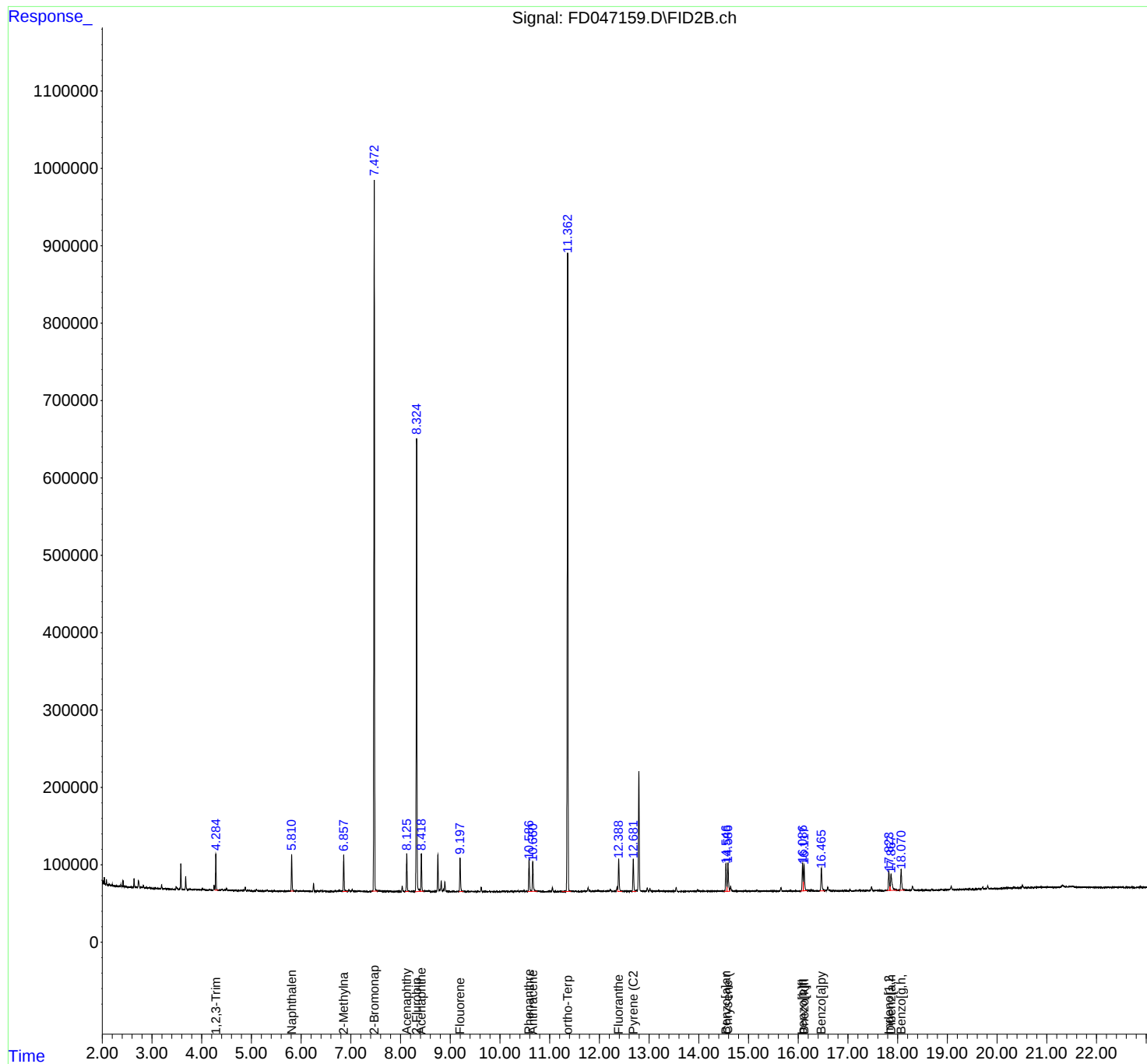
(f)=RT Delta > 1/2 Window

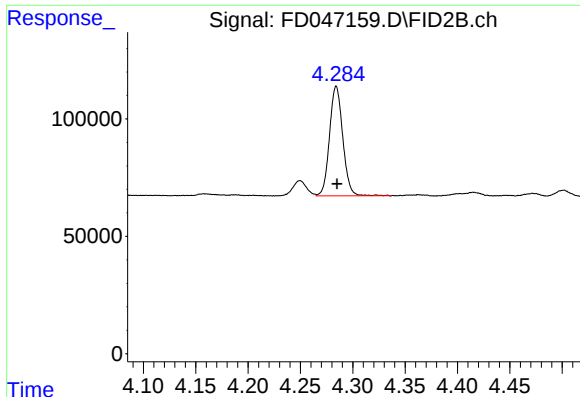
(m)=manual int.

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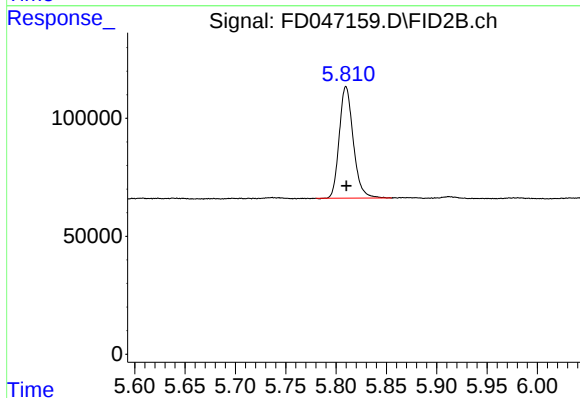
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





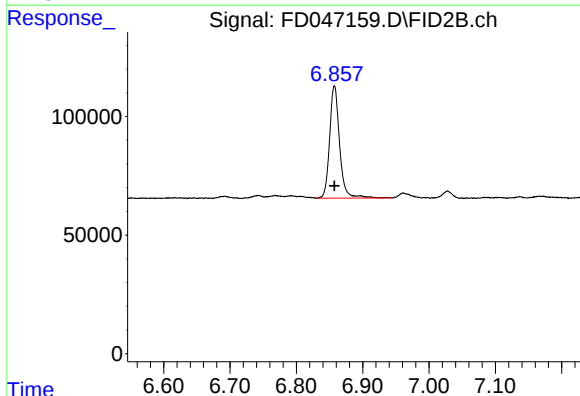
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 411677  
Conc: 2.64 ug/ml



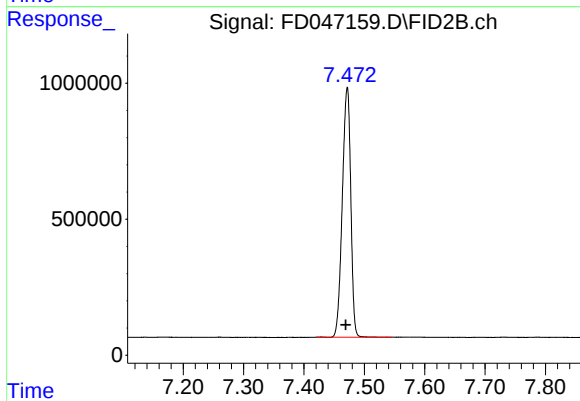
#2 Naphthalene (C11.7)

R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 458592  
Conc: 2.74 ug/ml



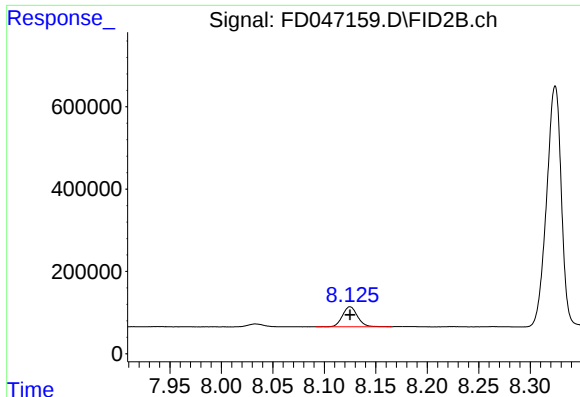
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 494089  
Conc: 2.91 ug/ml



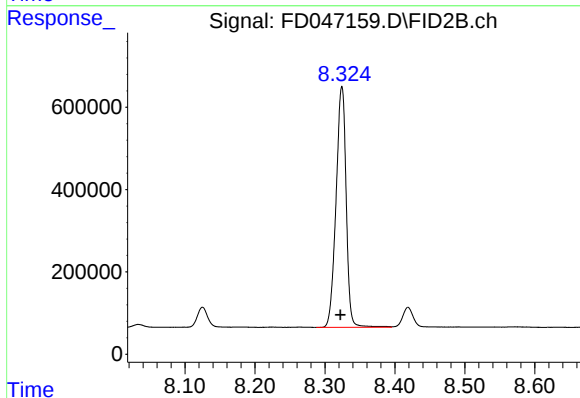
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min  
Delta R.T.: 0.002 min  
Response: 8945134  
Conc: 58.15 ug/ml



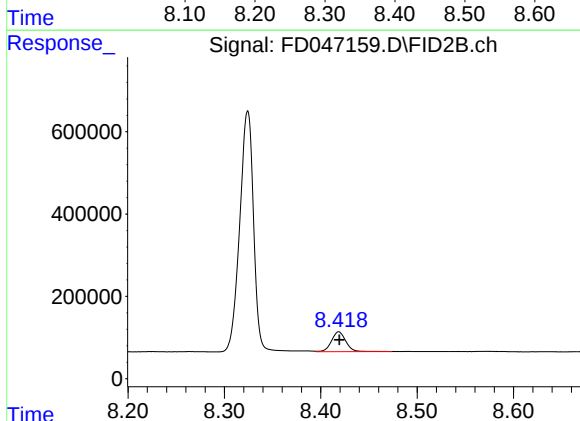
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min  
Delta R.T.: 0.000 min  
Response: 494870  
Conc: 3.19 ug/ml



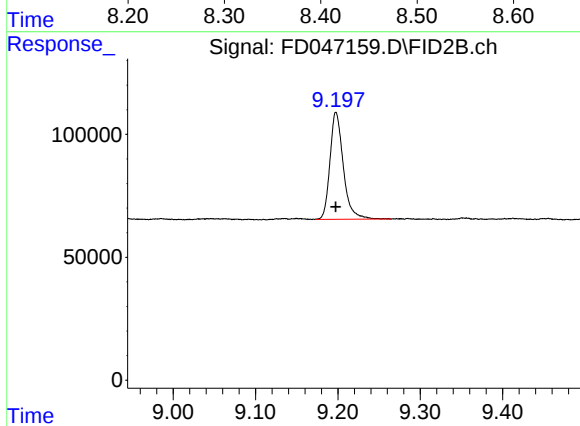
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min  
Delta R.T.: 0.002 min  
Response: 5886861  
Conc: 57.62 ug/ml



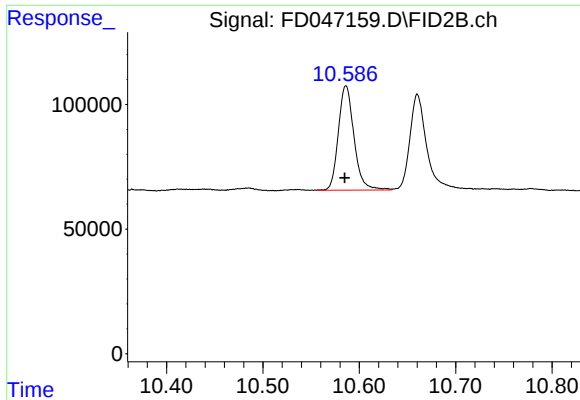
#7 Acenaphthene (C15.5)

R.T.: 8.419 min  
Delta R.T.: 0.000 min  
Response: 499498  
Conc: 3.02 ug/ml



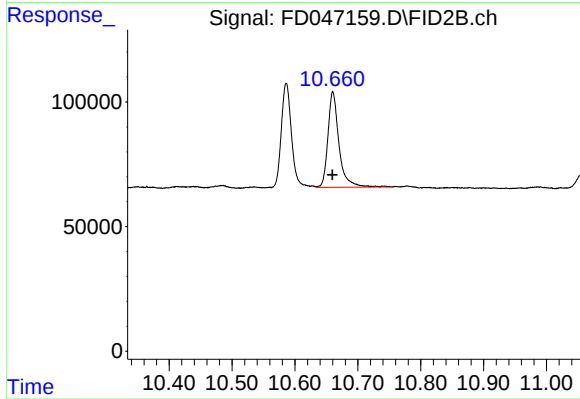
#8 Flouorene (C16.55)

R.T.: 9.198 min  
Delta R.T.: 0.000 min  
Response: 490092  
Conc: 3.07 ug/ml



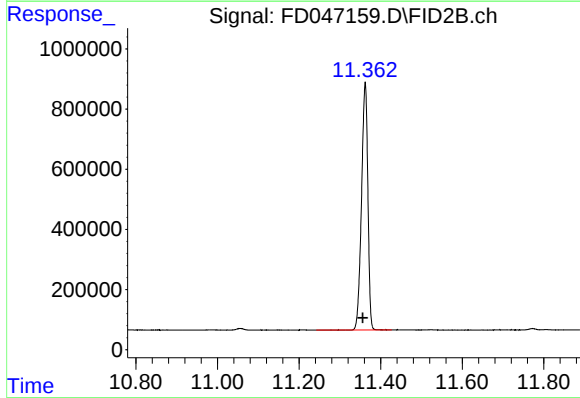
#9 Phenanthrene (C19.36)

R.T.: 10.586 min  
Delta R.T.: 0.001 min  
Response: 472618  
Conc: 2.99 ug/ml



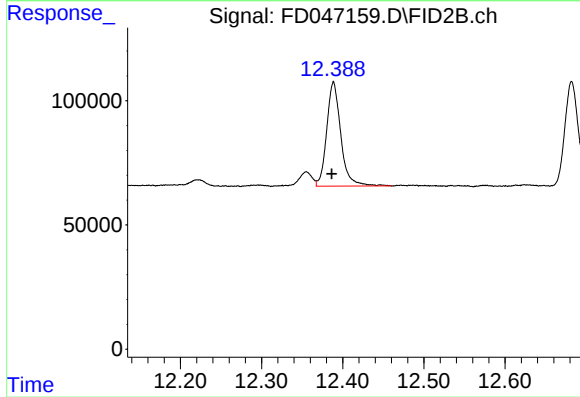
#10 Anthracene (C19.43)

R.T.: 10.661 min  
Delta R.T.: 0.001 min  
Response: 468582  
Conc: 3.06 ug/ml



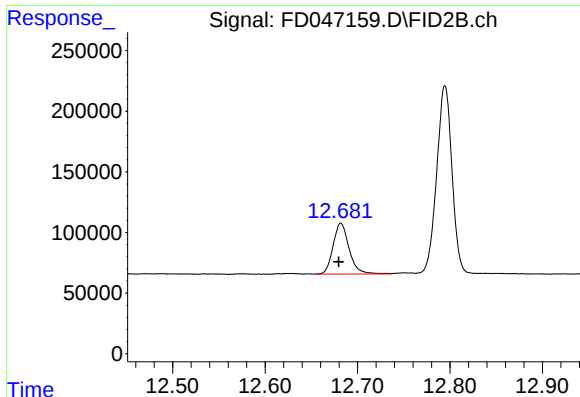
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min  
Delta R.T.: 0.005 min  
Response: 8841322  
Conc: 49.62 ug/ml



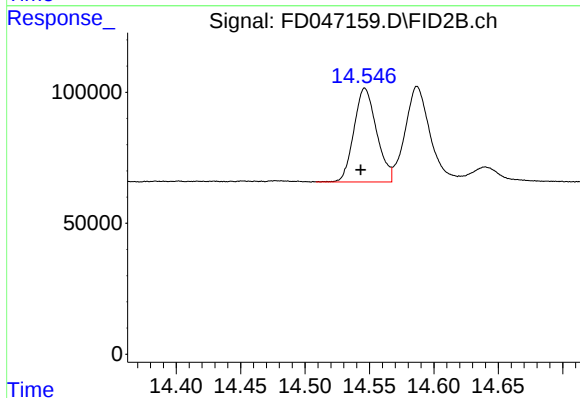
#12 Fluoranthene (C21.85)

R.T.: 12.389 min  
Delta R.T.: 0.002 min  
Response: 506824  
Conc: 3.18 ug/ml



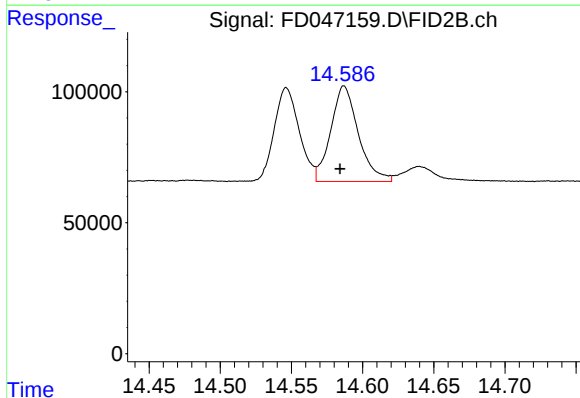
#13 Pyrene (C20.8)

R.T.: 12.682 min  
Delta R.T.: 0.002 min  
Response: 508369  
Conc: 3.29 ug/ml



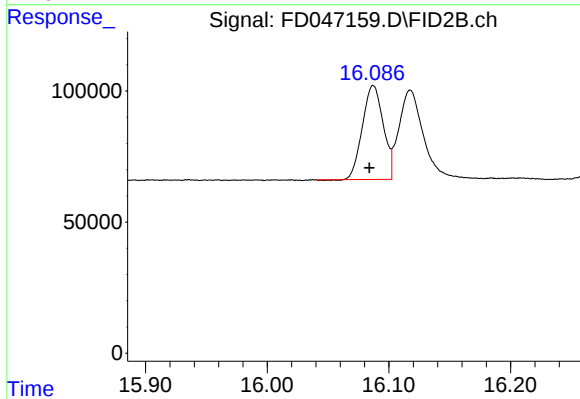
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min  
Delta R.T.: 0.003 min  
Response: 437714  
Conc: 3.12 ug/ml



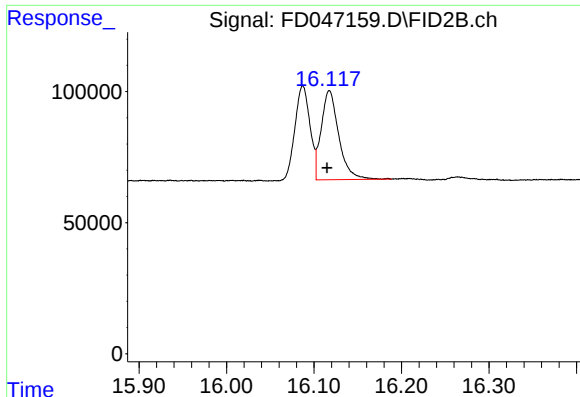
#15 Chrysene (C27.41)

R.T.: 14.587 min  
Delta R.T.: 0.003 min  
Response: 493177  
Conc: 3.18 ug/ml



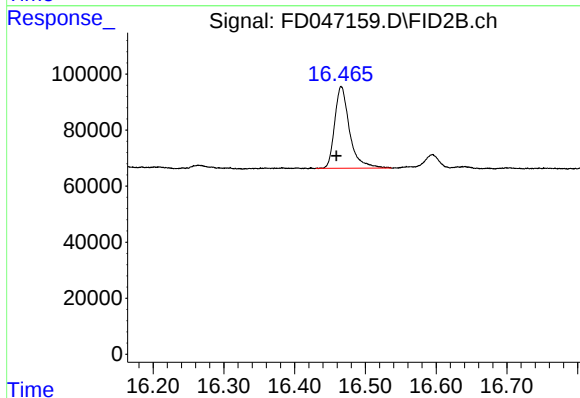
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min  
Delta R.T.: 0.003 min  
Response: 426010  
Conc: 2.94 ug/ml



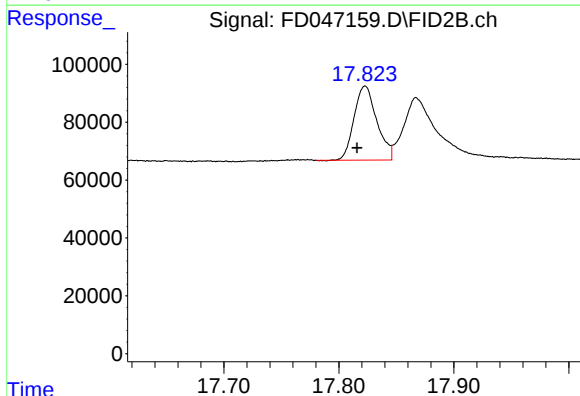
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min  
Delta R.T.: 0.003 min  
Response: 474202  
Conc: 3.22 ug/ml



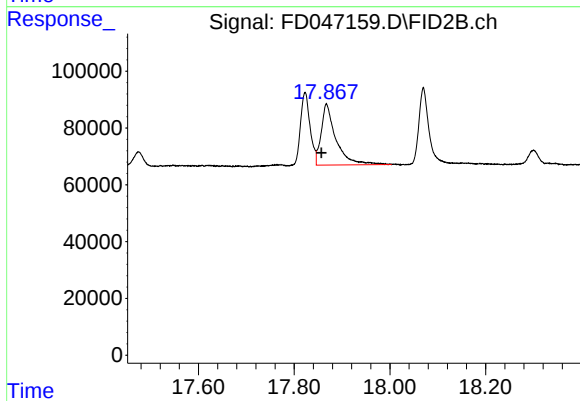
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min  
Delta R.T.: 0.007 min  
Response: 425239  
Conc: 2.97 ug/ml



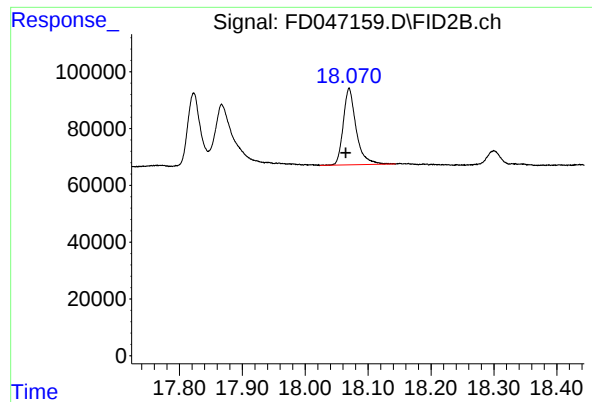
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.823 min  
Delta R.T.: 0.007 min  
Response: 352681  
Conc: 2.74 ug/ml



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

R.T.: 17.868 min  
Delta R.T.: 0.010 min  
Response: 463922  
Conc: 3.27 ug/ml



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

R.T.: 18.070 min  
Delta R.T.: 0.005 min  
Response: 382405  
Conc: 2.79 ug/ml