

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081022AR\  
 Data File : FD043534.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Aug 2022 15:30  
 Operator : YP/AJ  
 Sample : N3980-09  
 Misc : 2.5 PPM WATER MDL  
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 10 16:00:08 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 08 16:58:49 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...      | 7.612  | 5832371    | 41.232 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 82.46%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.476  | 3880272    | 40.816 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 81.63%       |
| 11) S ortho-Terphenyl (SURR)       | 11.522 | 6123357    | 36.128 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 72.26%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.406  | 275282     | 1.755 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.947  | 283095     | 1.751 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.000  | 302851     | 2.068 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.276  | 303653     | 1.870 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.572  | 320089     | 1.980 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.356  | 280435     | 1.790 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.753 | 271242     | 1.731 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.827 | 268367     | 1.742 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.565 | 283036     | 1.787 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.861 | 293704     | 1.869 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.737 | 241518     | 1.637 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.778 | 340486     | 2.179 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.288 | 248990     | 1.665 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.319 | 289021     | 1.926 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.671 | 240896     | 1.704 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.035 | 230483     | 1.950 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.075 | 312438     | 2.203 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.284 | 268381     | 2.064 ug/ml  |
| -----                              |        |            |              |

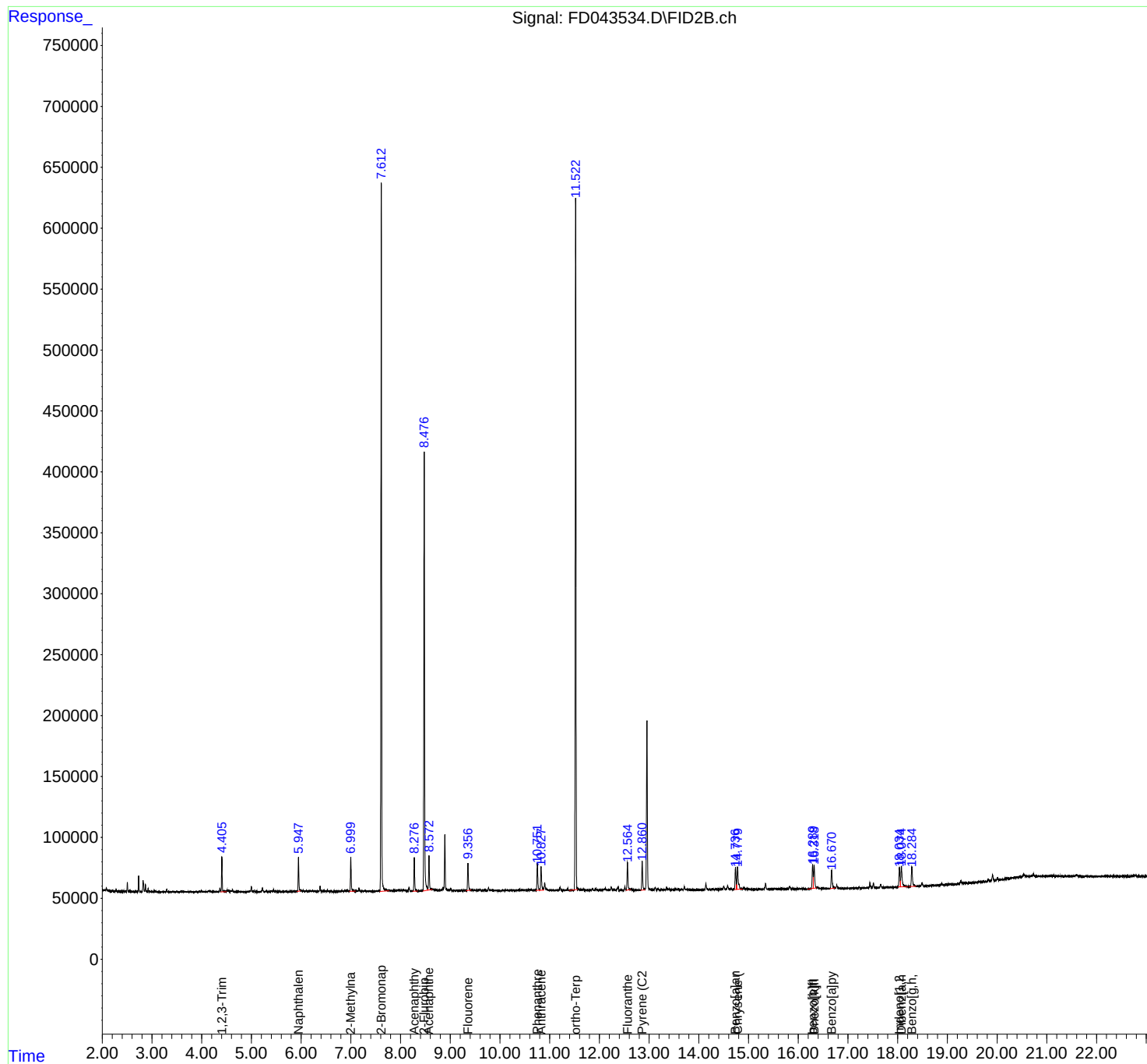
(f)=RT Delta > 1/2 Window

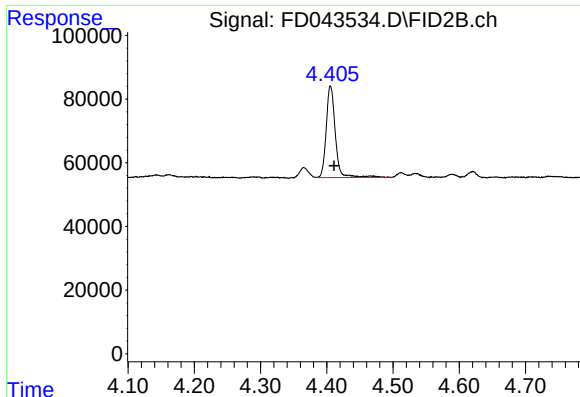
(m)=manual int.

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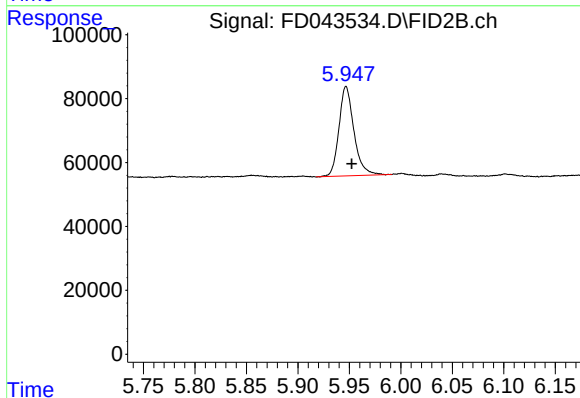
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





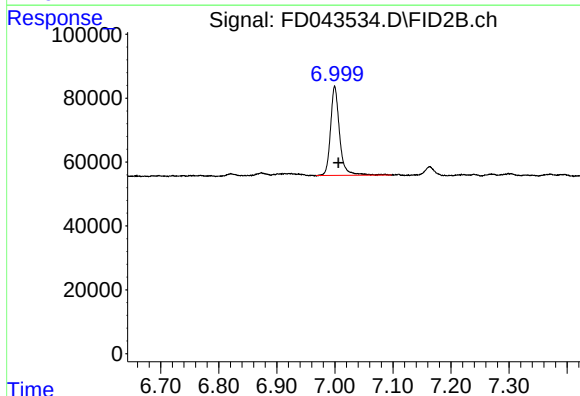
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.406 min  
Delta R.T.: -0.005 min  
Response: 275282  
Conc: 1.76 ug/ml



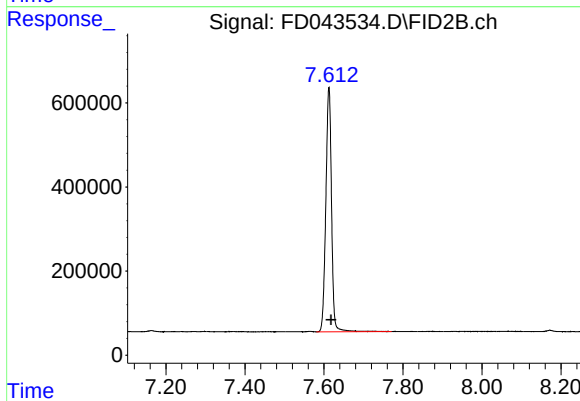
#2 Naphthalene (C11.7)

R.T.: 5.947 min  
Delta R.T.: -0.005 min  
Response: 283095  
Conc: 1.75 ug/ml



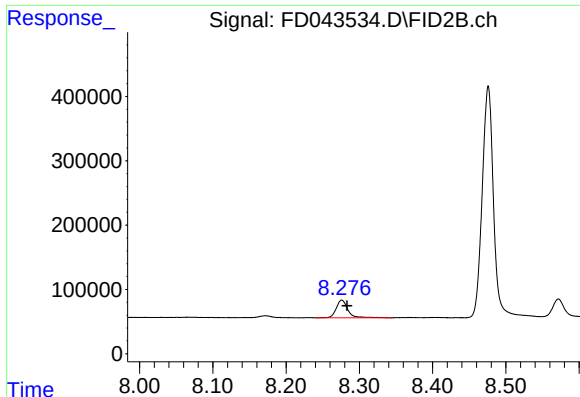
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.000 min  
Delta R.T.: -0.006 min  
Response: 302851  
Conc: 2.07 ug/ml



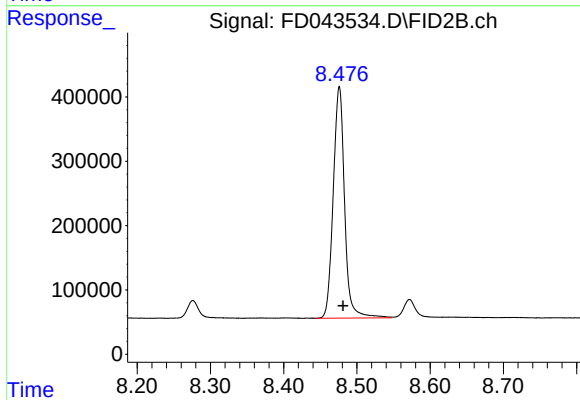
#4 2-Bromonaphthalene (SURR)

R.T.: 7.612 min  
Delta R.T.: -0.005 min  
Response: 5832371  
Conc: 41.23 ug/ml



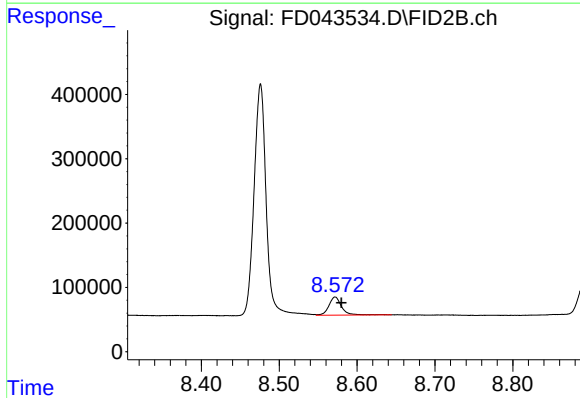
#5 Acenaphthylene (C15.06)

R.T.: 8.276 min  
Delta R.T.: -0.007 min  
Response: 303653  
Conc: 1.87 ug/ml



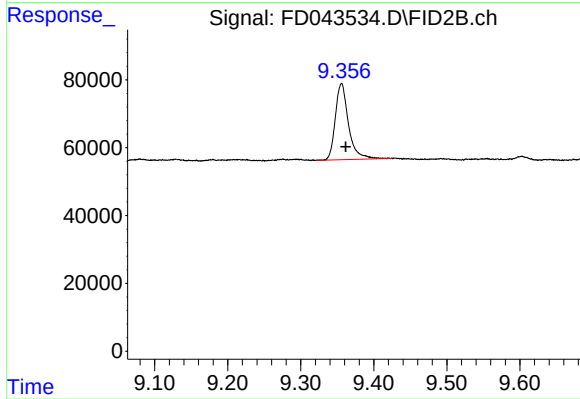
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.476 min  
Delta R.T.: -0.005 min  
Response: 3880272  
Conc: 40.82 ug/ml



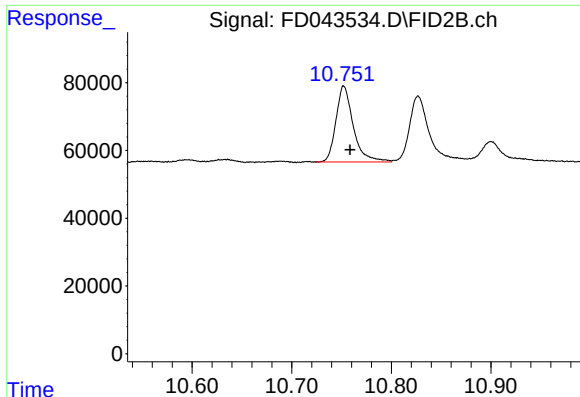
#7 Acenaphthene (C15.5)

R.T.: 8.572 min  
Delta R.T.: -0.008 min  
Response: 320089  
Conc: 1.98 ug/ml



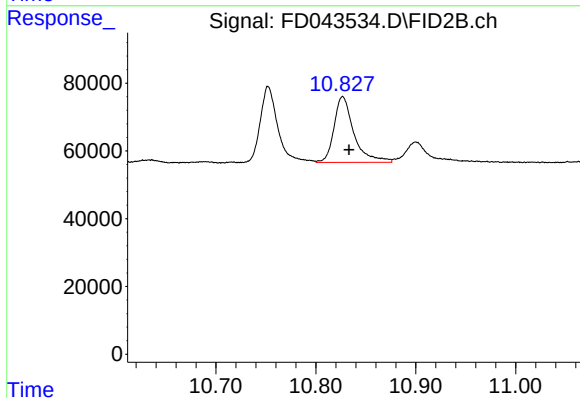
#8 Fluorene (C16.55)

R.T.: 9.356 min  
Delta R.T.: -0.006 min  
Response: 280435  
Conc: 1.79 ug/ml



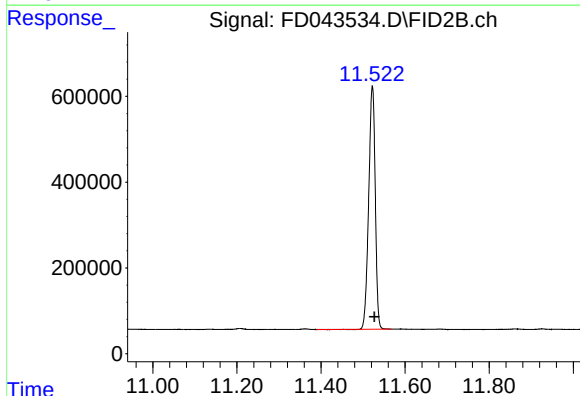
#9 Phenanthrene (C19.36)

R.T.: 10.753 min  
Delta R.T.: -0.006 min  
Response: 271242  
Conc: 1.73 ug/ml



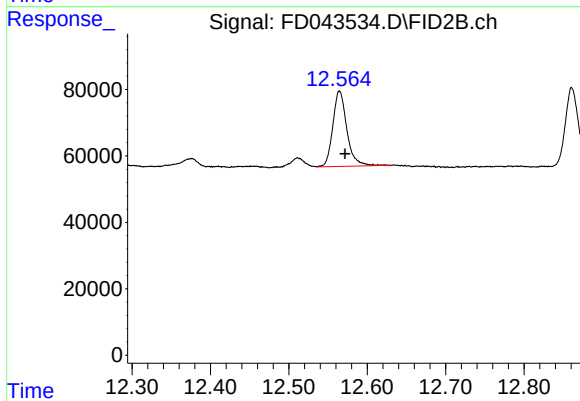
#10 Anthracene (C19.43)

R.T.: 10.827 min  
Delta R.T.: -0.006 min  
Response: 268367  
Conc: 1.74 ug/ml



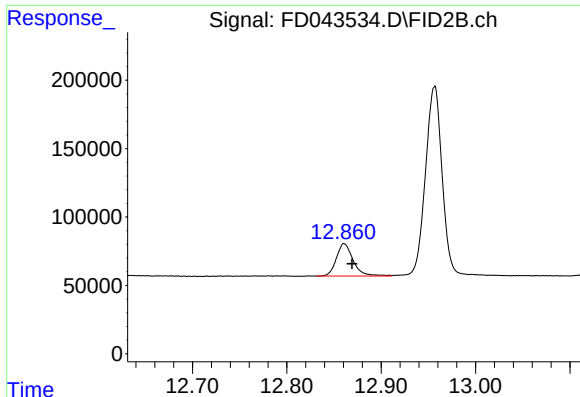
#11 ortho-Terphenyl (SURR)

R.T.: 11.522 min  
Delta R.T.: -0.005 min  
Response: 6123357  
Conc: 36.13 ug/ml



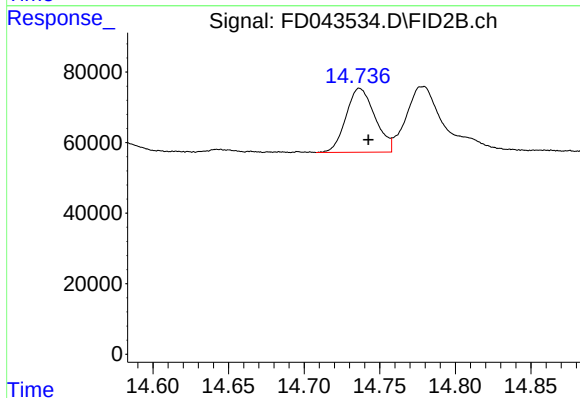
#12 Fluoranthene (C21.85)

R.T.: 12.565 min  
Delta R.T.: -0.007 min  
Response: 283036  
Conc: 1.79 ug/ml



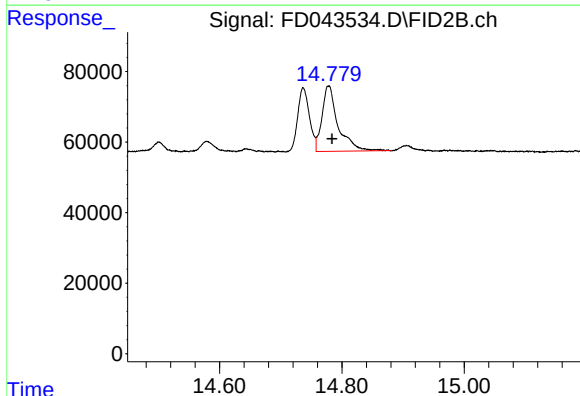
#13 Pyrene (C20.8)

R.T.: 12.861 min  
Delta R.T.: -0.008 min  
Response: 293704  
Conc: 1.87 ug/ml



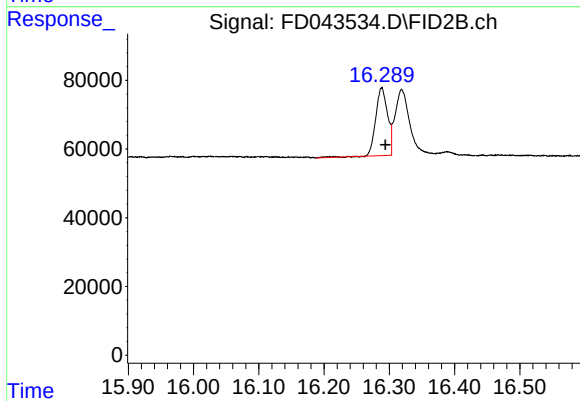
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min  
Delta R.T.: -0.005 min  
Response: 241518  
Conc: 1.64 ug/ml



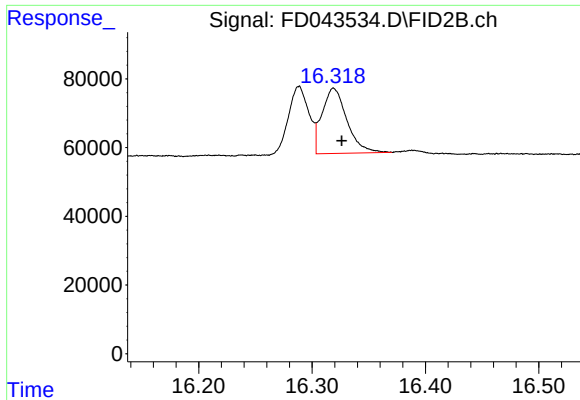
#15 Chrysene (C27.41)

R.T.: 14.778 min  
Delta R.T.: -0.006 min  
Response: 340486  
Conc: 2.18 ug/ml



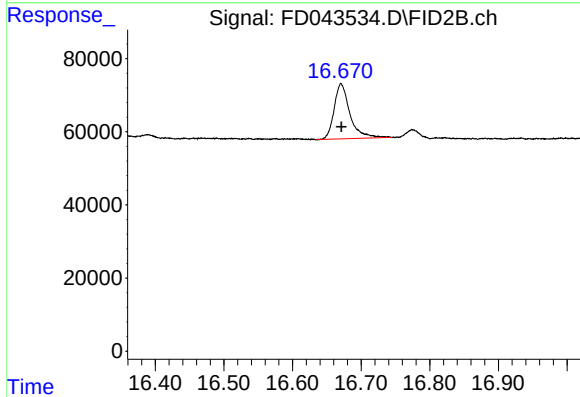
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.288 min  
Delta R.T.: -0.006 min  
Response: 248990  
Conc: 1.66 ug/ml



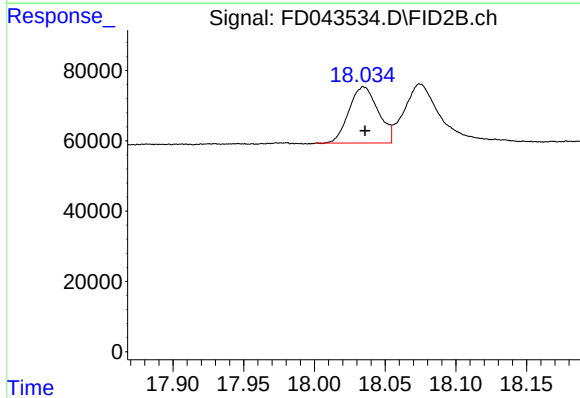
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.319 min  
Delta R.T.: -0.007 min  
Response: 289021  
Conc: 1.93 ug/ml



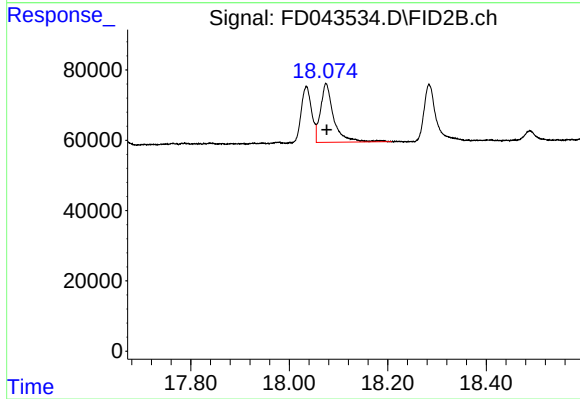
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min  
Delta R.T.: 0.000 min  
Response: 240896  
Conc: 1.70 ug/ml



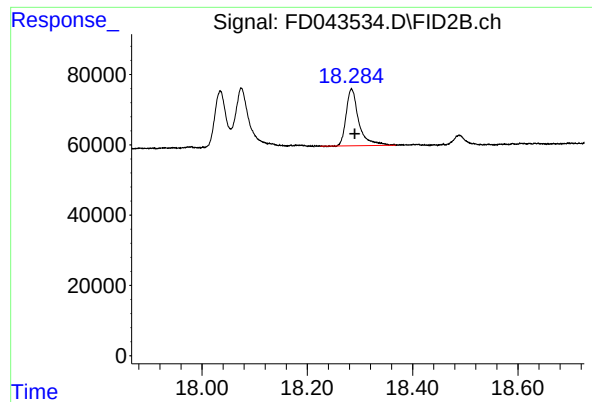
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min  
Delta R.T.: -0.001 min  
Response: 230483  
Conc: 1.95 ug/ml



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

R.T.: 18.075 min  
Delta R.T.: -0.001 min  
Response: 312438  
Conc: 2.20 ug/ml



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

R.T.: 18.284 min  
Delta R.T.: -0.006 min  
Response: 268381  
Conc: 2.06 ug/ml