

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080422AR\  
 Data File : FD043496.D  
 Signal(s) : FID2B.ch  
 Acq On : 04 Aug 2022 14:50  
 Operator : YP/AJ  
 Sample : N3980-07  
 Misc : 2.5 PPM WATER LOD  
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 05 15:40:15 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 25 17:39:38 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...      | 7.616  | 5643554    | 39.898 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 79.80%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.480  | 3830078    | 40.288 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 80.58%       |
| 11) S ortho-Terphenyl (SURR)       | 11.527 | 5674002    | 33.477 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 66.95%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.407  | 274703     | 1.751 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.950  | 302919     | 1.873 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.003  | 297638     | 2.033 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.279  | 297830     | 1.835 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.575  | 336401     | 2.081 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.359  | 276817     | 1.767 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.757 | 288005     | 1.838 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.832 | 297849     | 1.934 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.569 | 298683     | 1.886 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.866 | 292722     | 1.863 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.740 | 258650     | 1.753 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.782 | 355974     | 2.278 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.290 | 260606     | 1.742 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.321 | 295447     | 1.969 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.672 | 254973     | 1.804 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.035 | 239237     | 2.024 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.077 | 354263     | 2.498 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.286 | 283365     | 2.179 ug/ml  |
| -----                              |        |            |              |

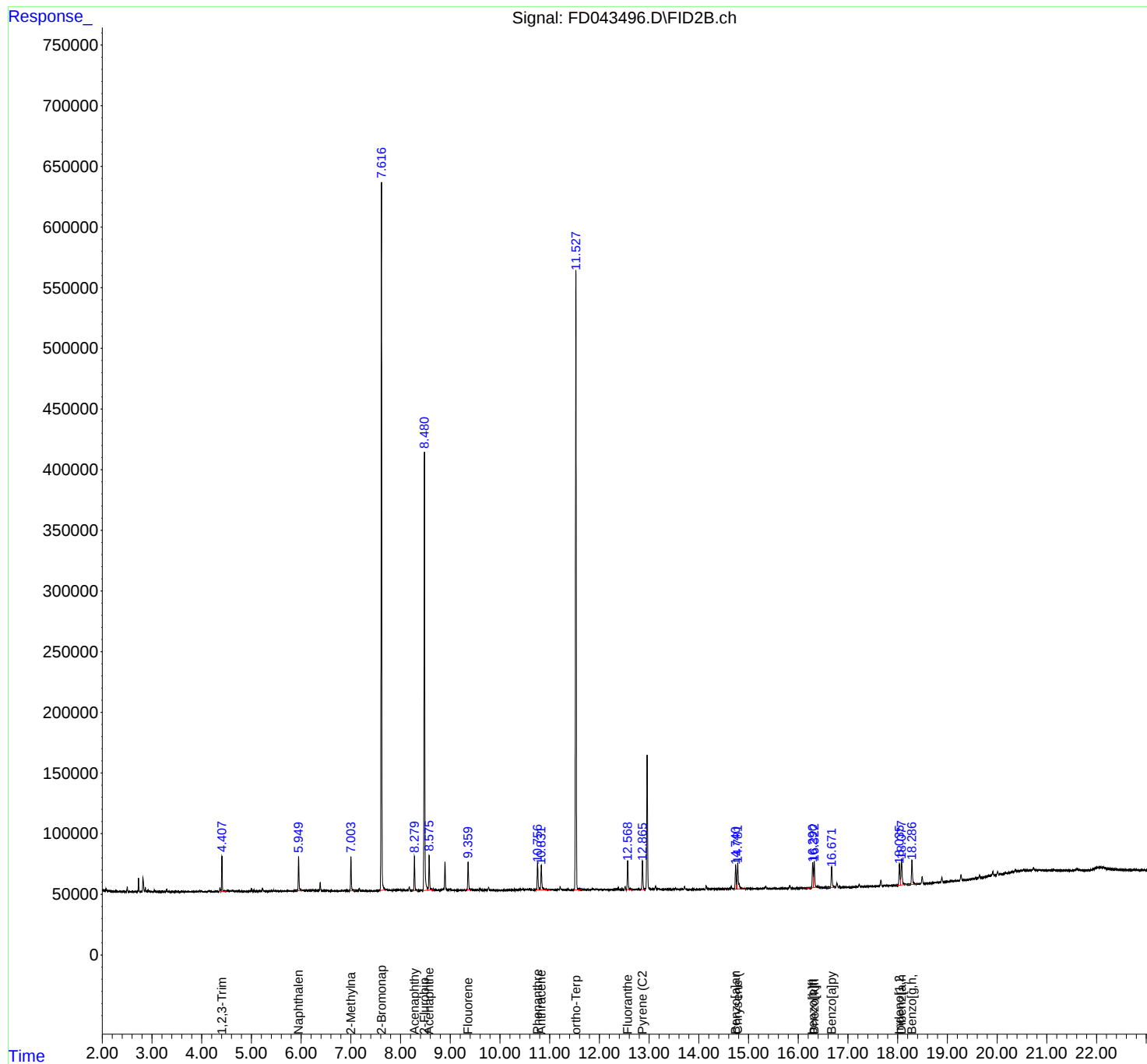
(f)=RT Delta > 1/2 Window

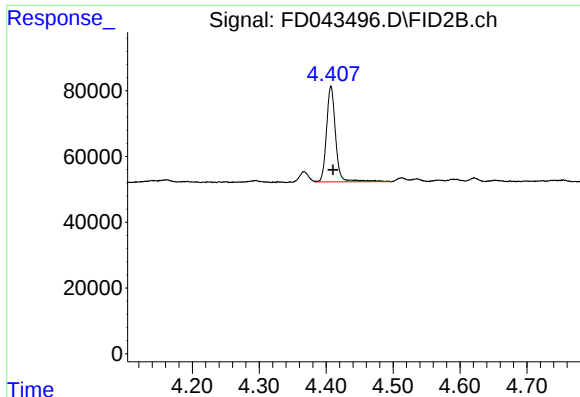
(m)=manual int.

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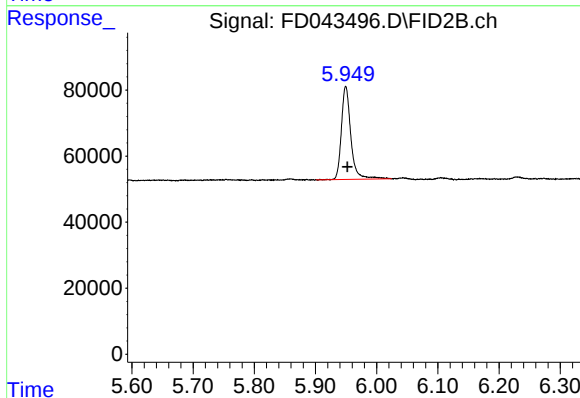
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





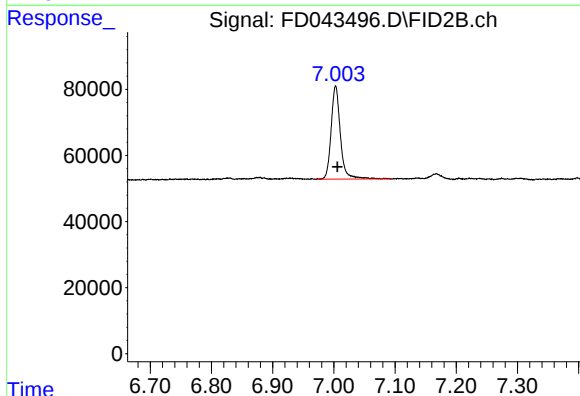
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.407 min  
Delta R.T.: -0.003 min  
Response: 274703  
Conc: 1.75 ug/ml



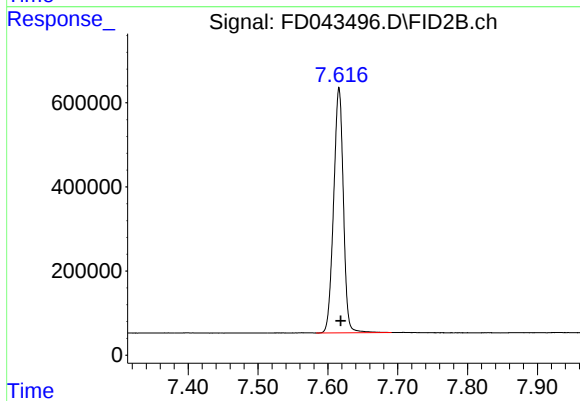
#2 Naphthalene (C11.7)

R.T.: 5.950 min  
Delta R.T.: -0.003 min  
Response: 302919  
Conc: 1.87 ug/ml



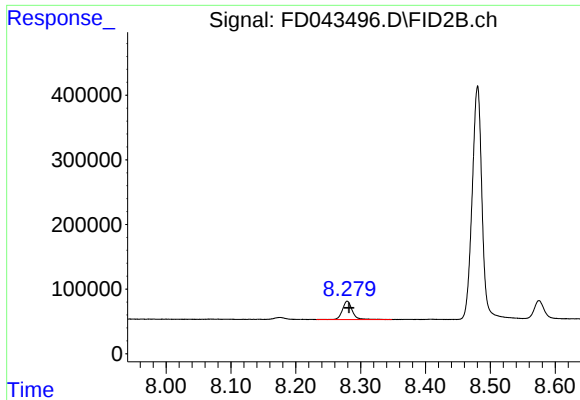
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min  
Delta R.T.: -0.003 min  
Response: 297638  
Conc: 2.03 ug/ml



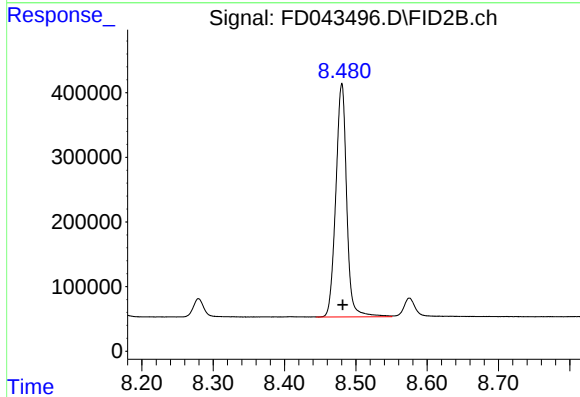
#4 2-Bromonaphthalene (SURR)

R.T.: 7.616 min  
Delta R.T.: -0.002 min  
Response: 5643554  
Conc: 39.90 ug/ml



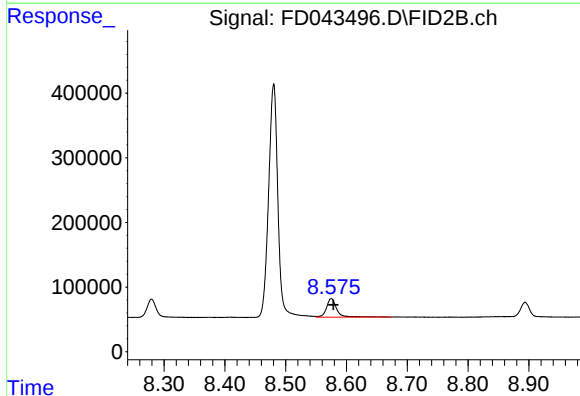
#5 Acenaphthylene (C15.06)

R.T.: 8.279 min  
Delta R.T.: -0.003 min  
Response: 297830  
Conc: 1.83 ug/ml



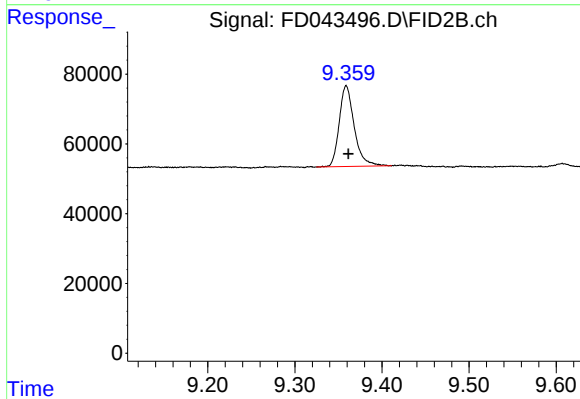
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min  
Delta R.T.: -0.001 min  
Response: 3830078  
Conc: 40.29 ug/ml



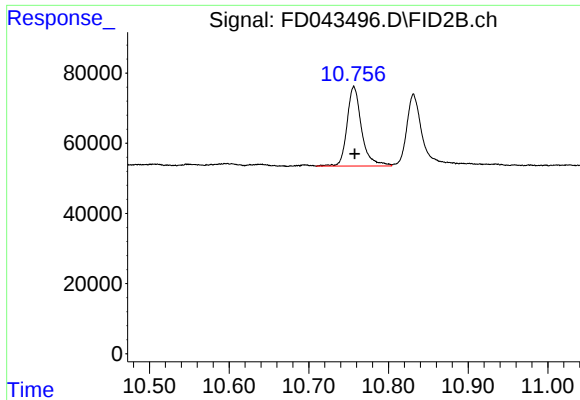
#7 Acenaphthene (C15.5)

R.T.: 8.575 min  
Delta R.T.: -0.003 min  
Response: 336401  
Conc: 2.08 ug/ml



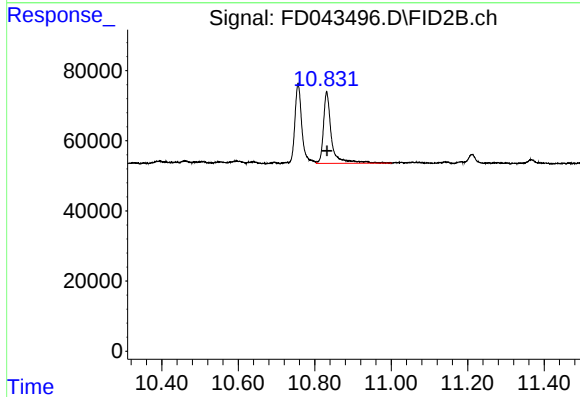
#8 Fluorene (C16.55)

R.T.: 9.359 min  
Delta R.T.: -0.002 min  
Response: 276817  
Conc: 1.77 ug/ml



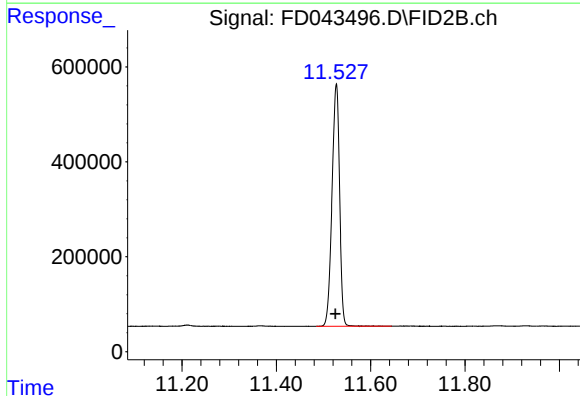
#9 Phenanthrene (C19.36)

R.T.: 10.757 min  
Delta R.T.: 0.000 min  
Response: 288005  
Conc: 1.84 ug/ml



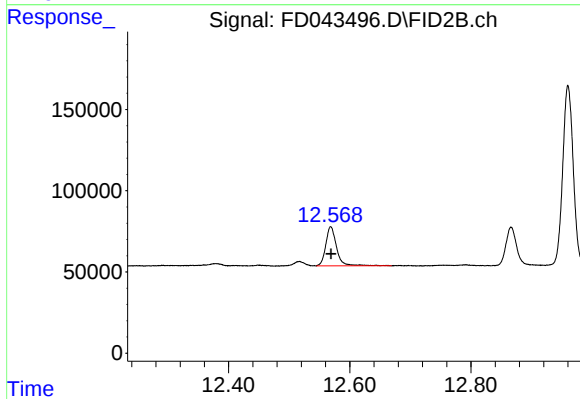
#10 Anthracene (C19.43)

R.T.: 10.832 min  
Delta R.T.: 0.000 min  
Response: 297849  
Conc: 1.93 ug/ml



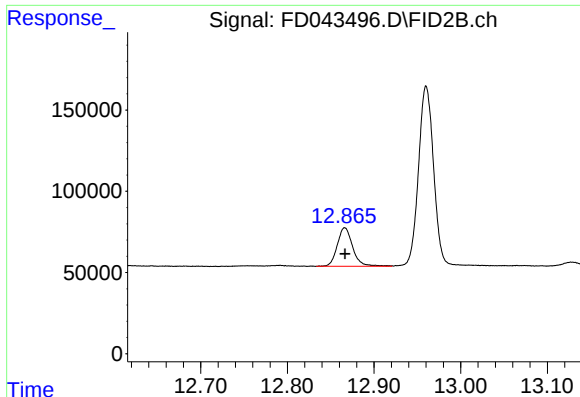
#11 ortho-Terphenyl (SURR)

R.T.: 11.527 min  
Delta R.T.: 0.002 min  
Response: 5674002  
Conc: 33.48 ug/ml



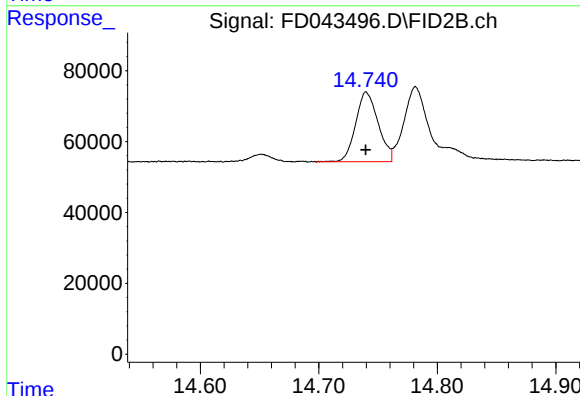
#12 Fluoranthene (C21.85)

R.T.: 12.569 min  
Delta R.T.: 0.000 min  
Response: 298683  
Conc: 1.89 ug/ml



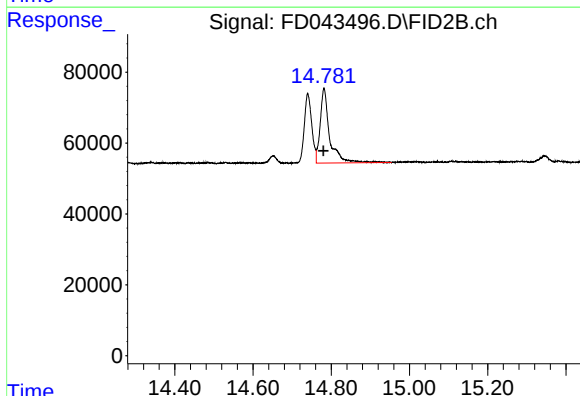
#13 Pyrene (C20.8)

R.T.: 12.866 min  
Delta R.T.: 0.000 min  
Response: 292722  
Conc: 1.86 ug/ml



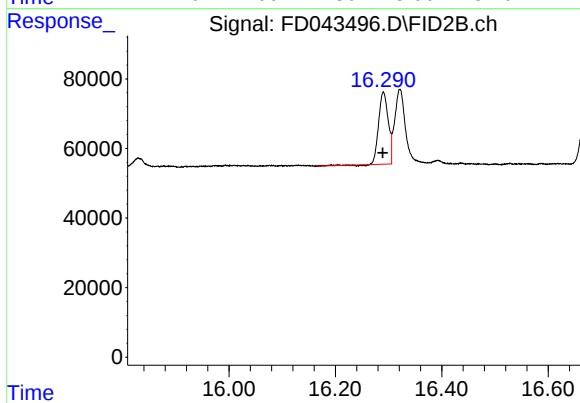
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min  
Delta R.T.: 0.000 min  
Response: 258650  
Conc: 1.75 ug/ml



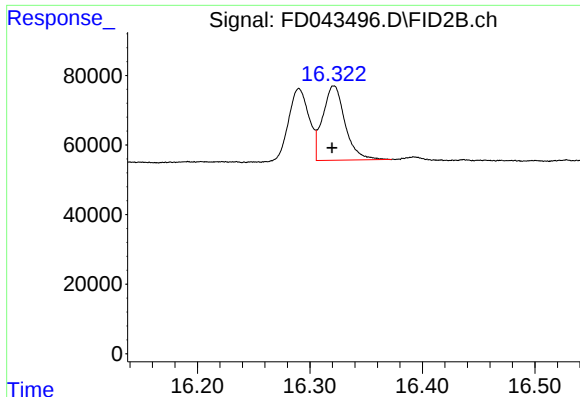
#15 Chrysene (C27.41)

R.T.: 14.782 min  
Delta R.T.: 0.002 min  
Response: 355974  
Conc: 2.28 ug/ml



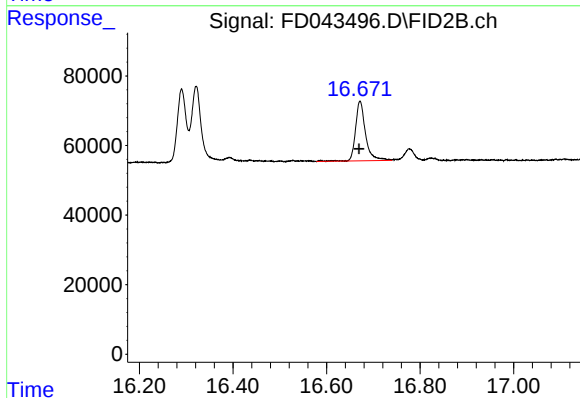
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.290 min  
Delta R.T.: 0.001 min  
Response: 260606  
Conc: 1.74 ug/ml



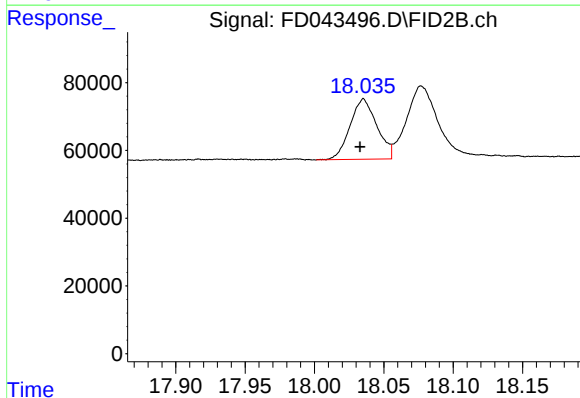
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.321 min  
Delta R.T.: 0.002 min  
Response: 295447  
Conc: 1.97 ug/ml



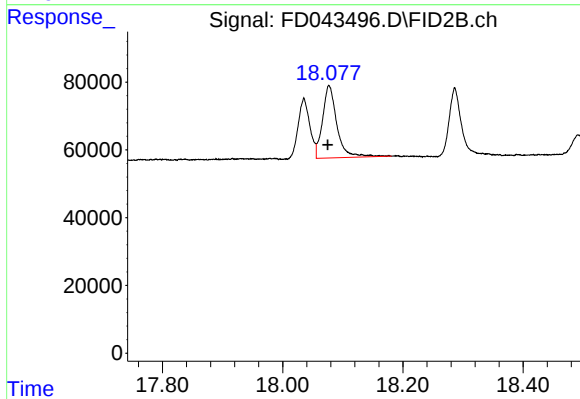
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min  
Delta R.T.: 0.002 min  
Response: 254973  
Conc: 1.80 ug/ml



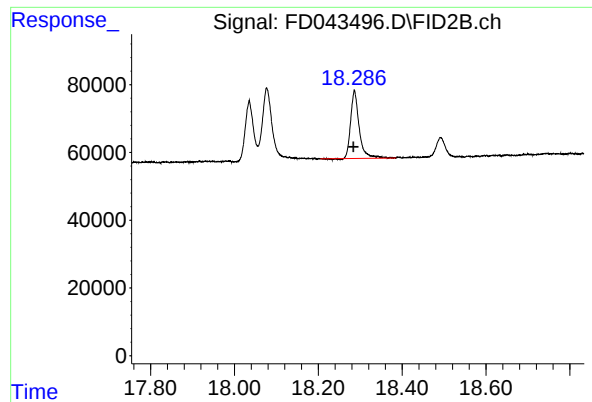
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min  
Delta R.T.: 0.002 min  
Response: 239237  
Conc: 2.02 ug/ml



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

R.T.: 18.077 min  
Delta R.T.: 0.002 min  
Response: 354263  
Conc: 2.50 ug/ml



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

R.T.: 18.286 min  
Delta R.T.: 0.002 min  
Response: 283365  
Conc: 2.18 ug/ml