

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051120AR\  
 Data File : FD033441.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 May 2020 16:55  
 Operator : DD\AJ  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 12 03:33:12 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 051120.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 12 03:31:25 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.589  | 5658381    | 49.594 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 99.19%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.452  | 3909030    | 50.682 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 101.36%      |
| 11) S ortho-Terphenyl (SURR)       | 11.485 | 6390647    | 47.948 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 95.90%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.395  | 5662489    | 48.799 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.931  | 6072153    | 50.026 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.981  | 6171053    | 50.172 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.254  | 6078115    | 48.844 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.549  | 6361121    | 48.835 ug/ml |
| 8) T Fluorene (C16.55)             | 9.330  | 6308486    | 49.324 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.725 | 6437778    | 48.986 ug/ml |
| 10) T Anthracene (C19.43)          | 10.801 | 6223430    | 48.786 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.537 | 6557335    | 48.631 ug/ml |
| 13) T Pyrene (C20.8)               | 12.834 | 6498415    | 48.628 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.707 | 6284816    | 49.056 ug/ml |
| 15) T Chrysene (C27.41)            | 14.751 | 6390939    | 48.000 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.262 | 6317762    | 48.779 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.297 | 6351747    | 47.921 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.643 | 6249584    | 48.515 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.015 | 6228158    | 50.795 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.050 | 6051417    | 46.560 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.272 | 6113012    | 48.785 ug/ml |
| -----                              |        |            |              |

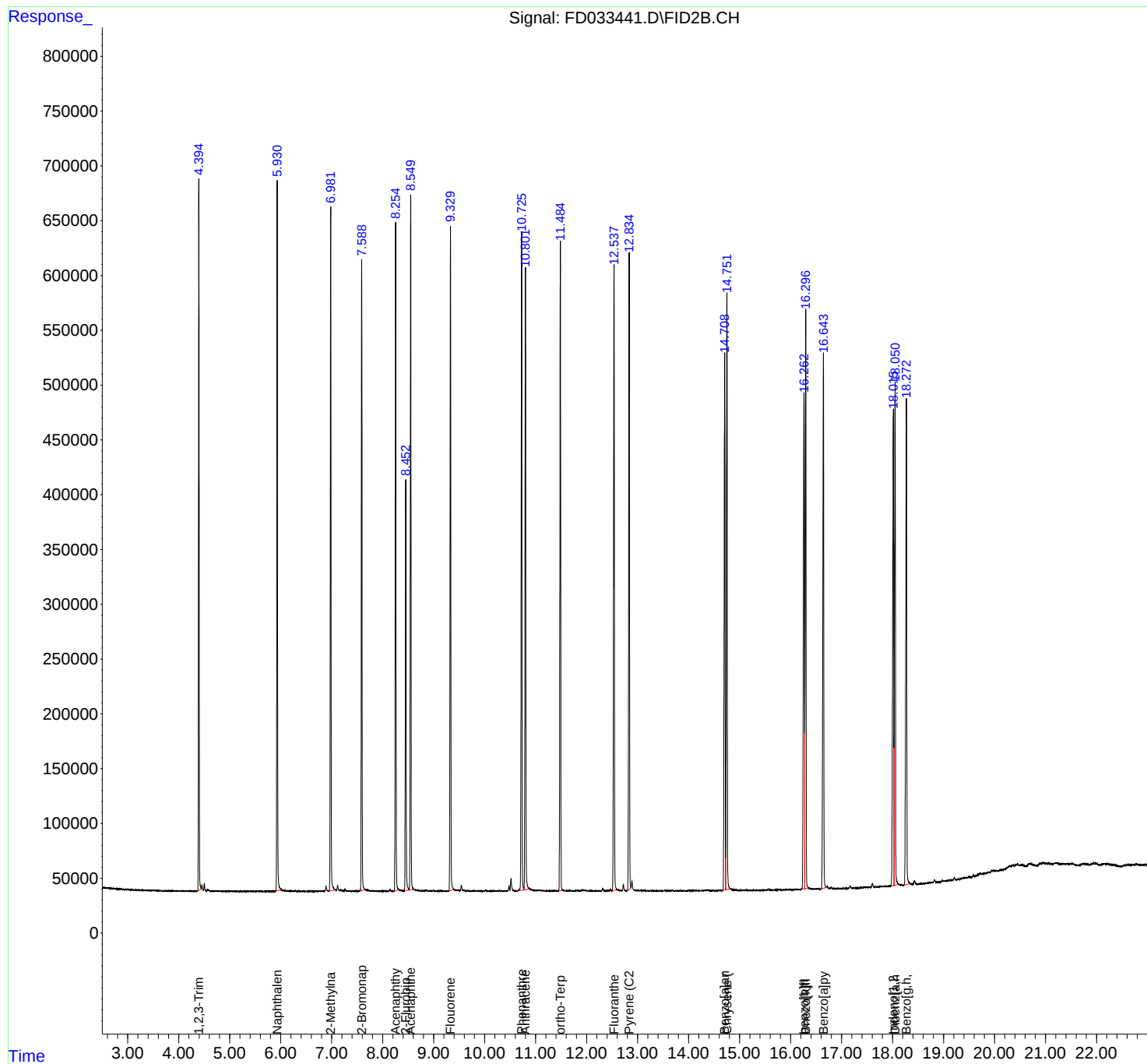
(f)=RT Delta > 1/2 Window

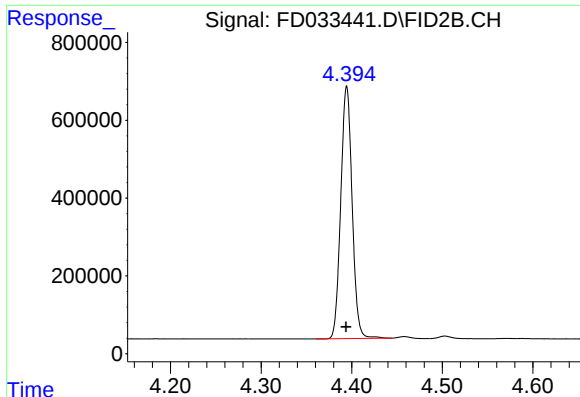
(m)=manual int.

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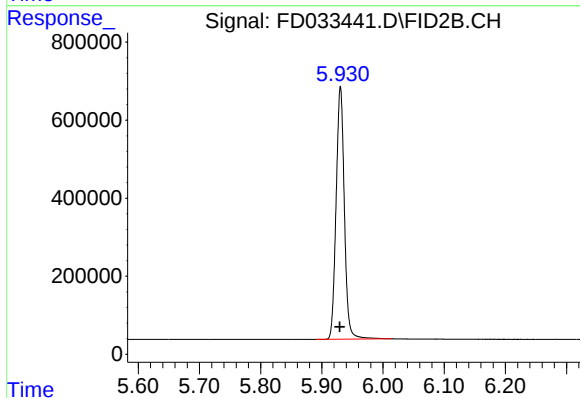
Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm





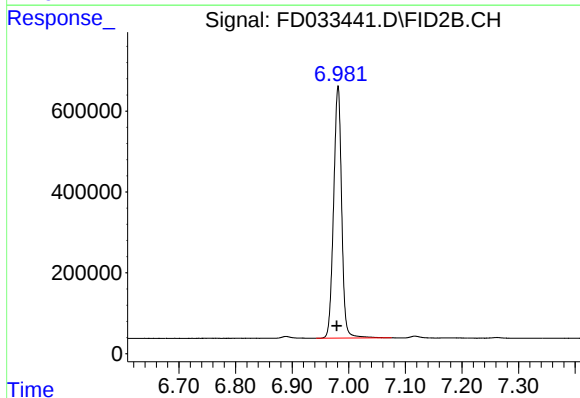
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.395 min  
Delta R.T.: 0.000 min  
Response: 5662489  
Conc: 48.80 ug/ml



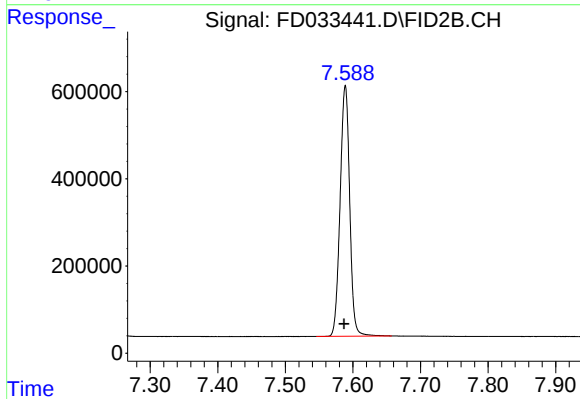
#2 Naphthalene (C11.7)

R.T.: 5.931 min  
Delta R.T.: 0.001 min  
Response: 6072153  
Conc: 50.03 ug/ml



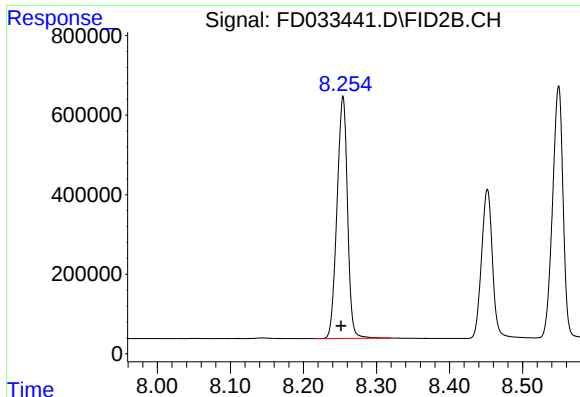
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min  
Delta R.T.: 0.002 min  
Response: 6171053  
Conc: 50.17 ug/ml



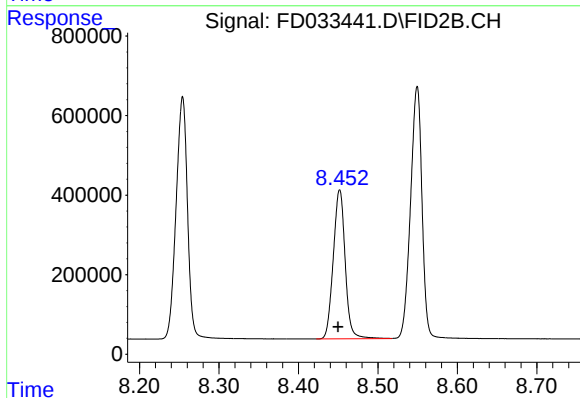
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min  
Delta R.T.: 0.002 min  
Response: 5658381  
Conc: 49.59 ug/ml



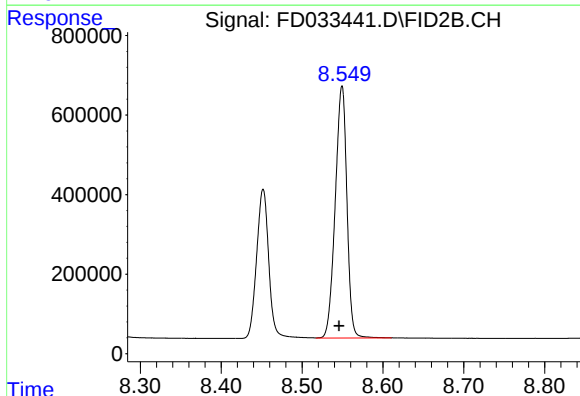
#5 Acenaphthylene (C15.06)

R.T.: 8.254 min  
Delta R.T.: 0.003 min  
Response: 6078115  
Conc: 48.84 ug/ml



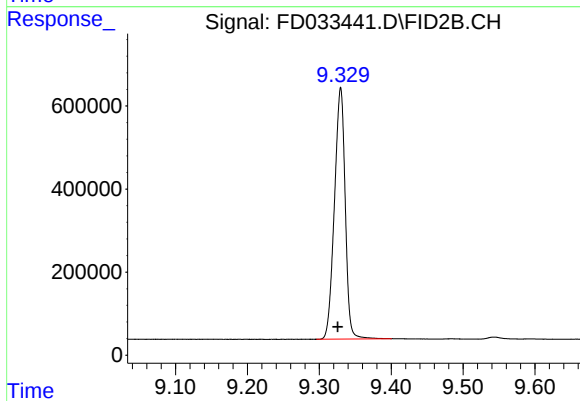
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.452 min  
Delta R.T.: 0.002 min  
Response: 3909030  
Conc: 50.68 ug/ml



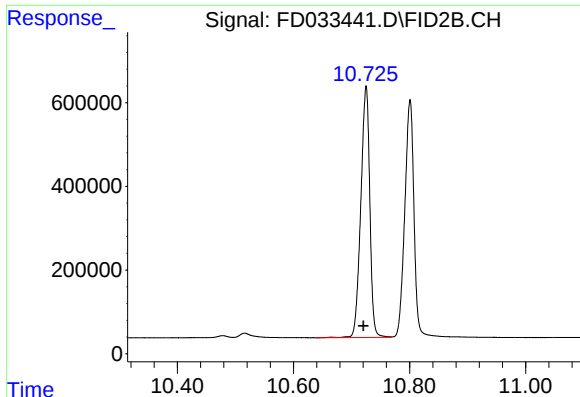
#7 Acenaphthene (C15.5)

R.T.: 8.549 min  
Delta R.T.: 0.004 min  
Response: 6361121  
Conc: 48.83 ug/ml



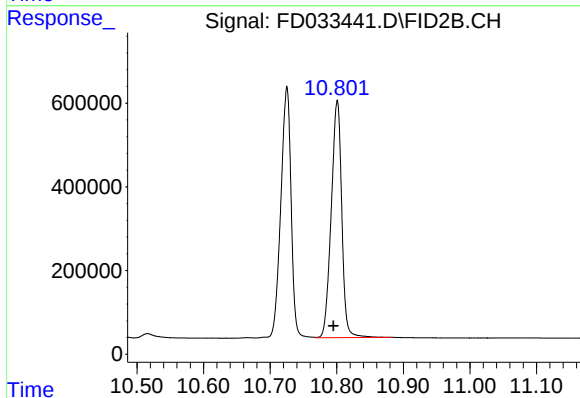
#8 Fluorene (C16.55)

R.T.: 9.330 min  
Delta R.T.: 0.004 min  
Response: 6308486  
Conc: 49.32 ug/ml



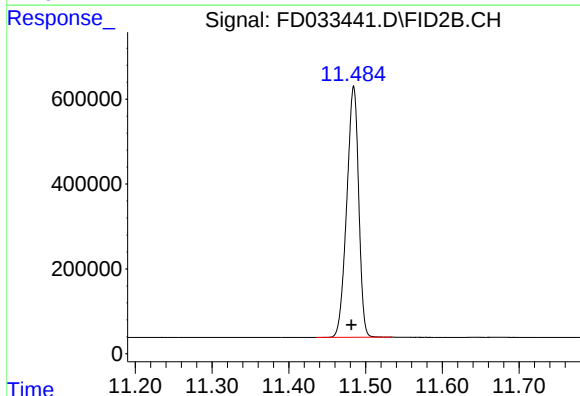
#9 Phenanthrene (C19.36)

R.T.: 10.725 min  
Delta R.T.: 0.004 min  
Response: 6437778  
Conc: 48.99 ug/ml



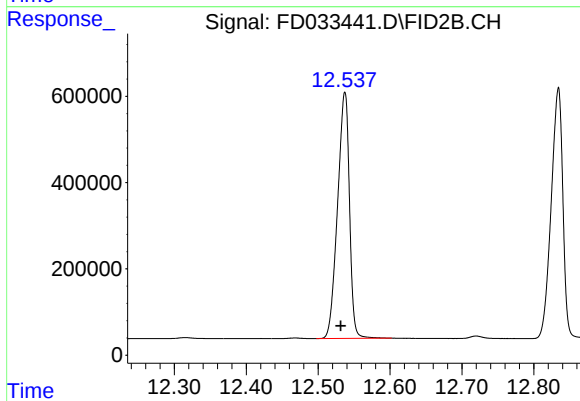
#10 Anthracene (C19.43)

R.T.: 10.801 min  
Delta R.T.: 0.006 min  
Response: 6223430  
Conc: 48.79 ug/ml



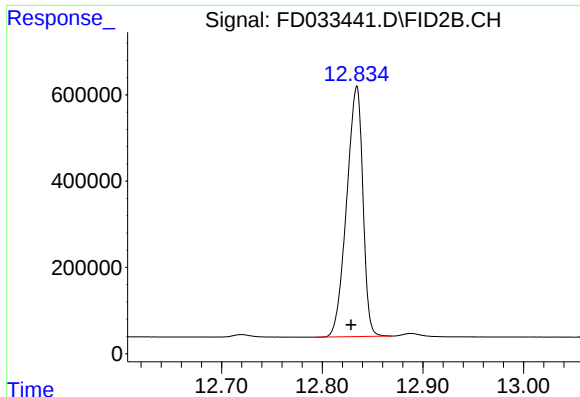
#11 ortho-Terphenyl (SURR)

R.T.: 11.485 min  
Delta R.T.: 0.003 min  
Response: 6390647  
Conc: 47.95 ug/ml



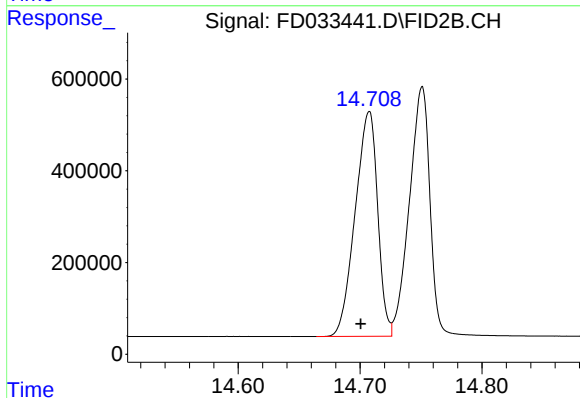
#12 Fluoranthene (C21.85)

R.T.: 12.537 min  
Delta R.T.: 0.006 min  
Response: 6557335  
Conc: 48.63 ug/ml



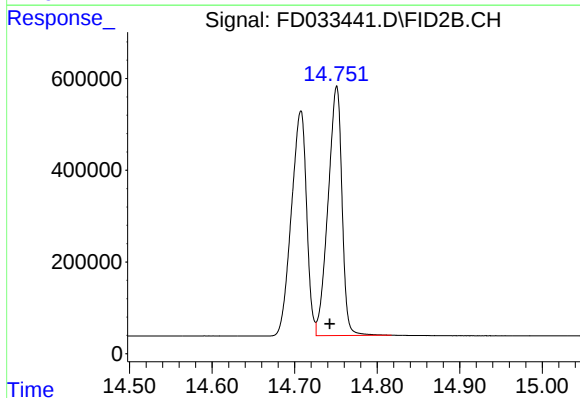
#13 Pyrene (C20.8)

R.T.: 12.834 min  
Delta R.T.: 0.006 min  
Response: 6498415  
Conc: 48.63 ug/ml



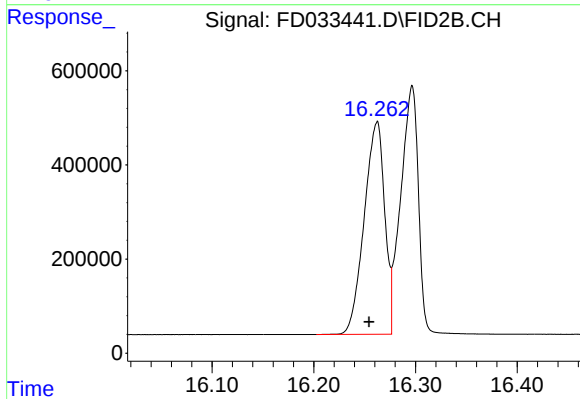
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.707 min  
Delta R.T.: 0.007 min  
Response: 6284816  
Conc: 49.06 ug/ml



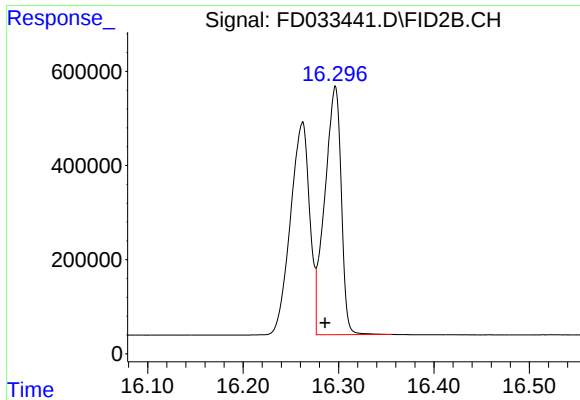
#15 Chrysene (C27.41)

R.T.: 14.751 min  
Delta R.T.: 0.008 min  
Response: 6390939  
Conc: 48.00 ug/ml



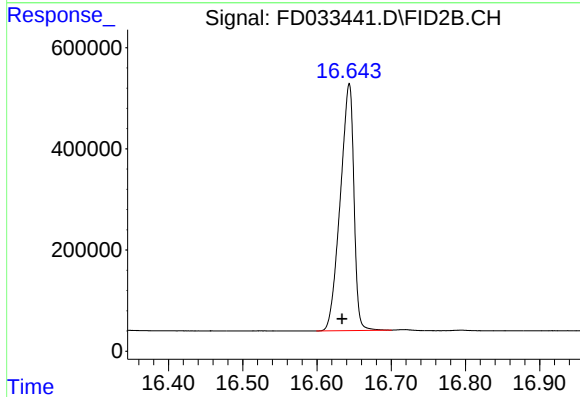
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.262 min  
Delta R.T.: 0.008 min  
Response: 6317762  
Conc: 48.78 ug/ml



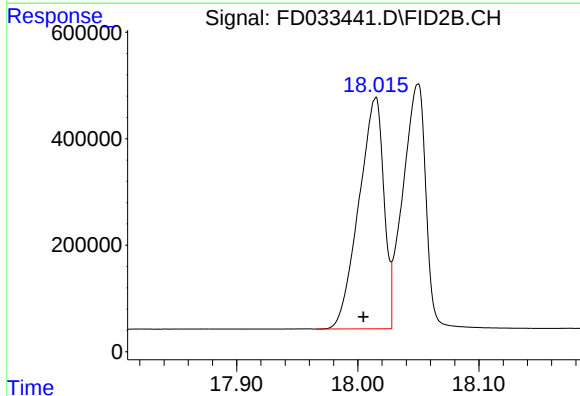
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.297 min  
Delta R.T.: 0.011 min  
Response: 6351747  
Conc: 47.92 ug/ml



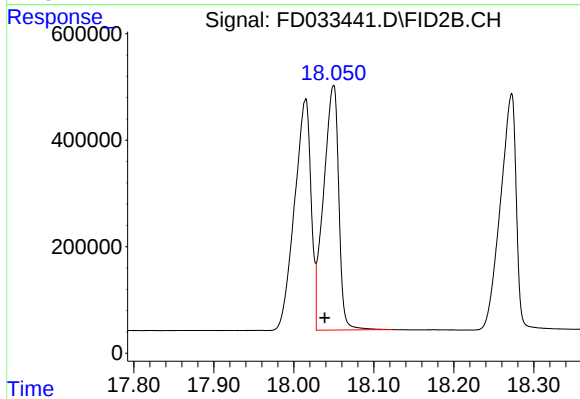
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min  
Delta R.T.: 0.010 min  
Response: 6249584  
Conc: 48.52 ug/ml



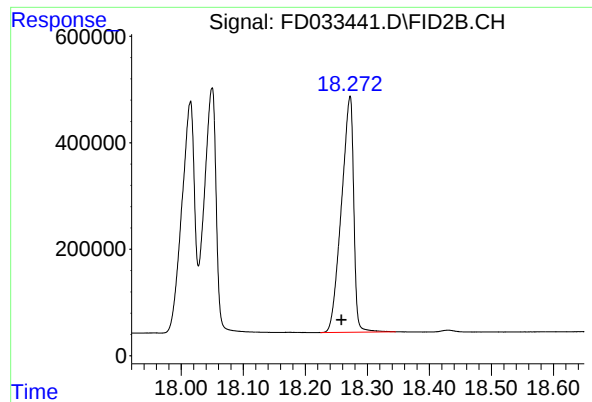
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.015 min  
Delta R.T.: 0.010 min  
Response: 6228158  
Conc: 50.79 ug/ml



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

R.T.: 18.050 min  
Delta R.T.: 0.011 min  
Response: 6051417  
Conc: 46.56 ug/ml



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

R.T.: 18.272 min  
Delta R.T.: 0.014 min  
Response: 6113012  
Conc: 48.78 ug/ml