

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082018AR\  
 Data File : FD025424.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Aug 2018 19:15  
 Operator : AJ\SJ  
 Sample : AR IDOC SOIL-02  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 21 04:23:09 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 072018.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 21 00:37:31 2018  
 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...      | 7.438  | 4236542    | 54.882 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 109.76%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.292  | 2951476    | 54.892 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 109.78%       |
| 11) S ortho-Terphenyl (SURR)       | 11.337 | 4614722    | 54.378 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 108.76%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.236  | 3183725    | 40.763 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.771  | 3908464    | 45.367 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.824  | 4169854    | 48.498 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.096  | 4294273    | 50.558 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.392  | 4443245    | 49.903 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.171  | 4560840    | 51.210 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.564 | 4999622    | 55.822 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.639 | 5021082    | 57.020 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.373 | 5532631    | 62.971 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.668 | 5480232    | 62.361 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.538 | 5737989    | 68.799 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.583 | 5678712    | 67.410 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.087 | 5816073    | 64.645 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.123 | 5724006    | 63.576 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.465 | 5773105    | 62.721 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.829 | 5673358    | 60.133 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.870 | 5542273    | 60.563 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.086 | 5720471    | 59.050 ug/ml  |
| -----                              |        |            |               |

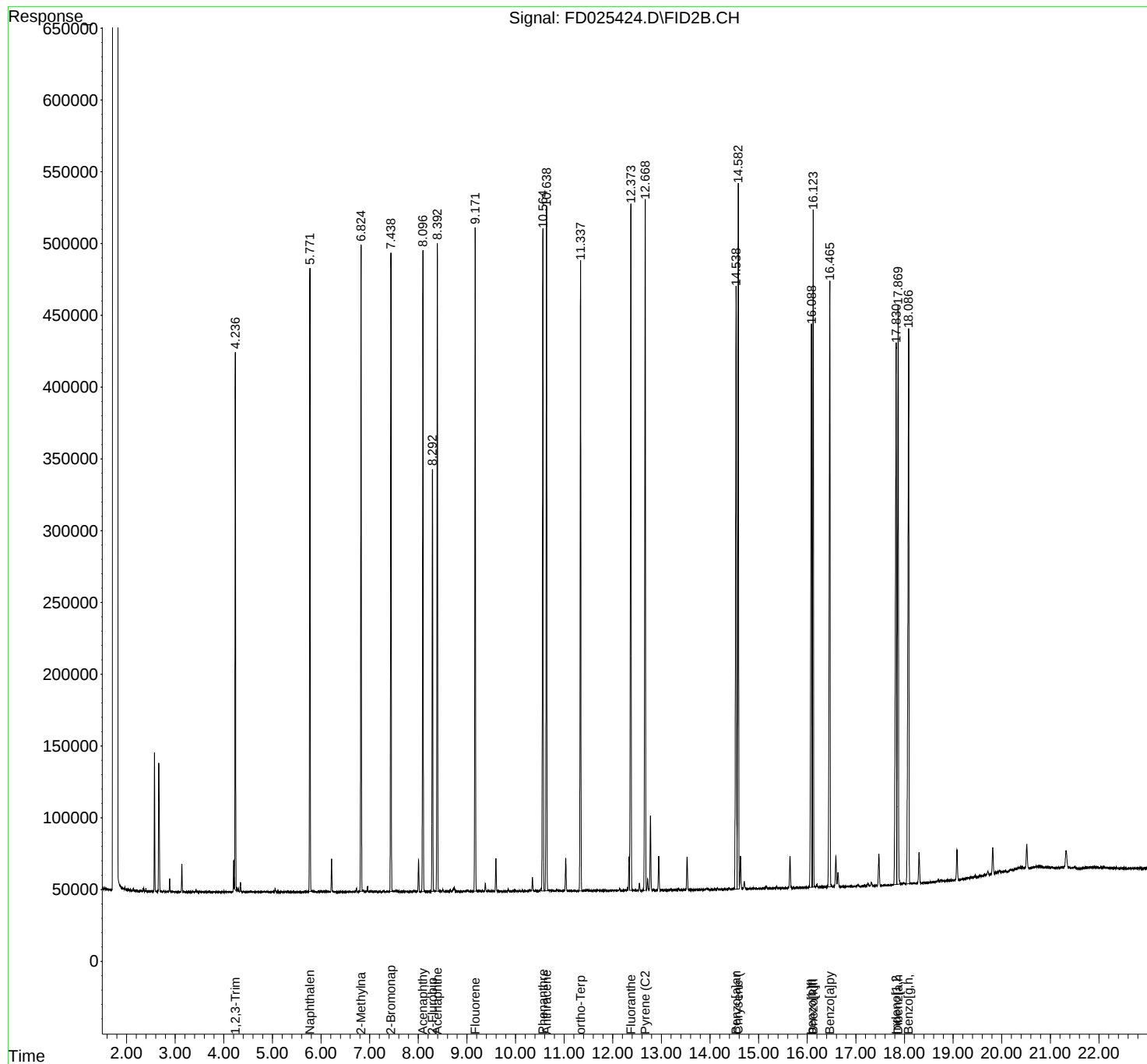
(f)=RT Delta > 1/2 Window

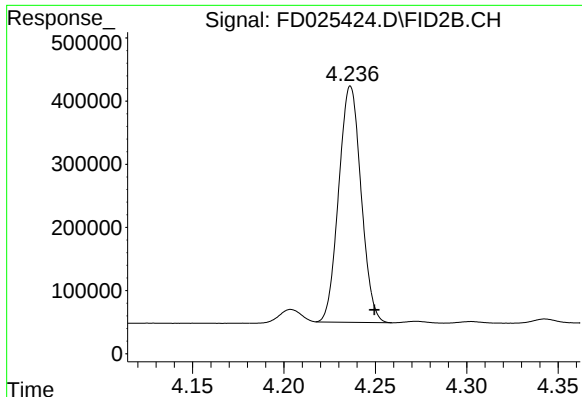
(m)=manual int.

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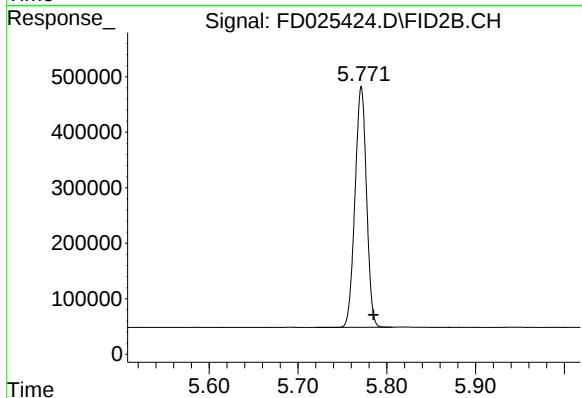
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





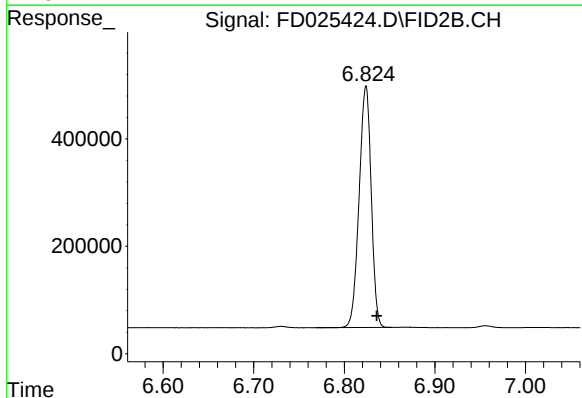
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.236 min  
Delta R.T.: -0.013 min  
Response: 3183725  
Conc: 40.76 ug/ml m



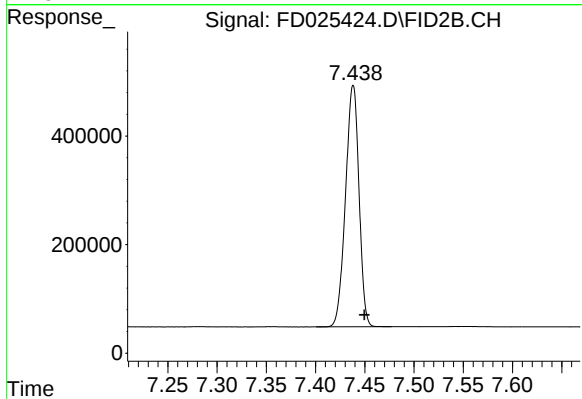
#2 Naphthalene (C11.7)

R.T.: 5.771 min  
Delta R.T.: -0.014 min  
Response: 3908464  
Conc: 45.37 ug/ml



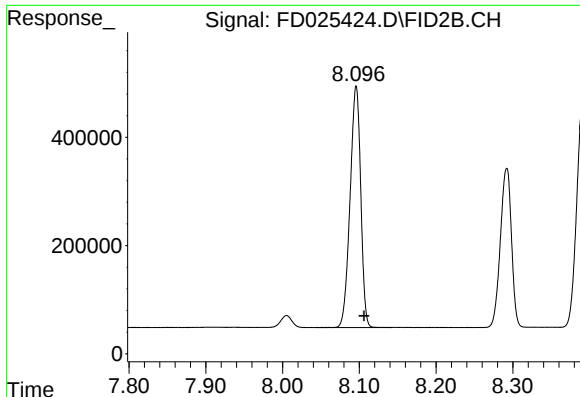
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min  
Delta R.T.: -0.012 min  
Response: 4169854  
Conc: 48.50 ug/ml



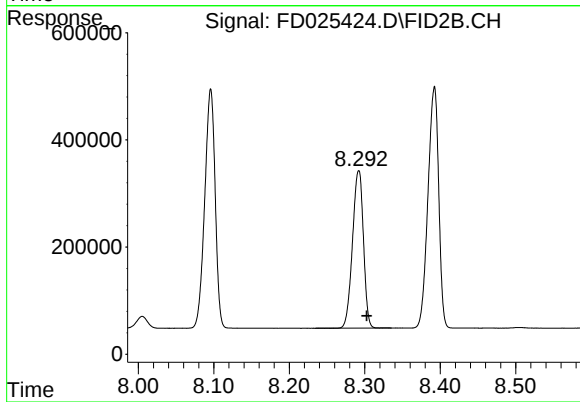
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min  
Delta R.T.: -0.011 min  
Response: 4236542  
Conc: 54.88 ug/ml



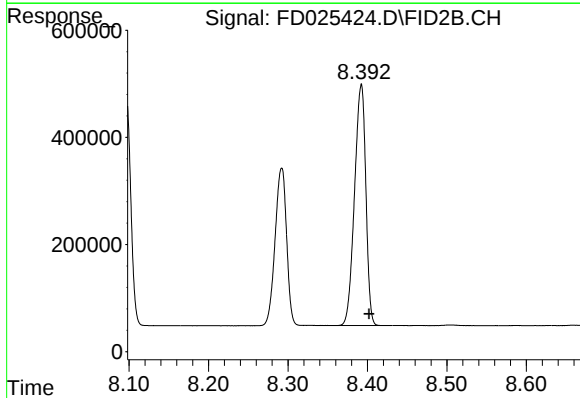
#5 Acenaphthylene (C15.06)

R.T.: 8.096 min  
Delta R.T.: -0.010 min  
Response: 4294273  
Conc: 50.56 ug/ml



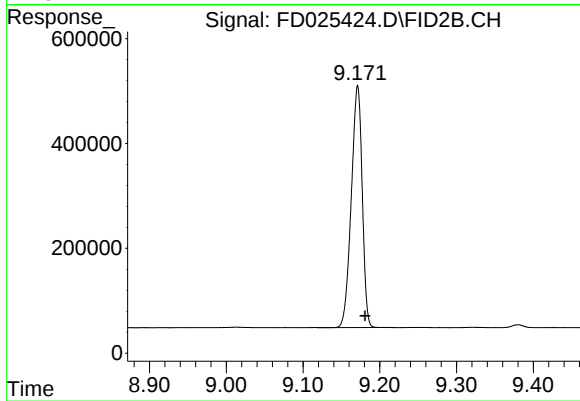
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.292 min  
Delta R.T.: -0.011 min  
Response: 2951476  
Conc: 54.89 ug/ml



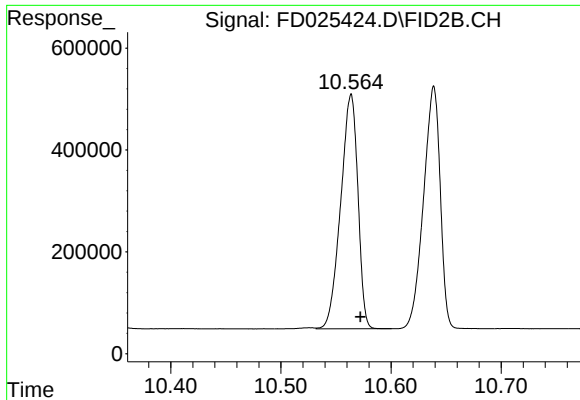
#7 Acenaphthene (C15.5)

R.T.: 8.392 min  
Delta R.T.: -0.010 min  
Response: 4443245  
Conc: 49.90 ug/ml



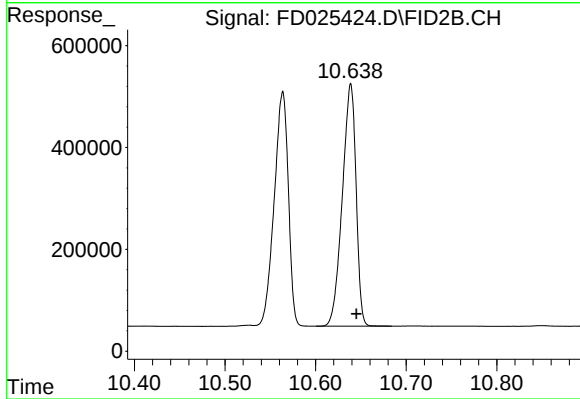
#8 Fluorene (C16.55)

R.T.: 9.171 min  
Delta R.T.: -0.010 min  
Response: 4560840  
Conc: 51.21 ug/ml



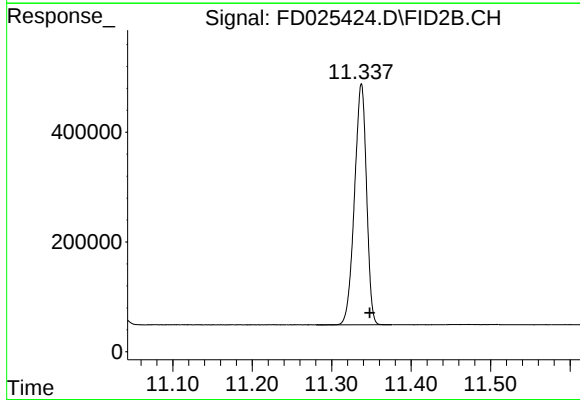
#9 Phenanthrene (C19.36)

R.T.: 10.564 min  
Delta R.T.: -0.008 min  
Response: 4999622  
Conc: 55.82 ug/ml



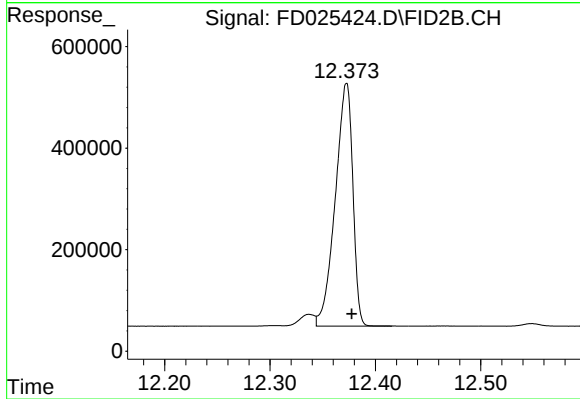
#10 Anthracene (C19.43)

R.T.: 10.639 min  
Delta R.T.: -0.006 min  
Response: 5021082  
Conc: 57.02 ug/ml



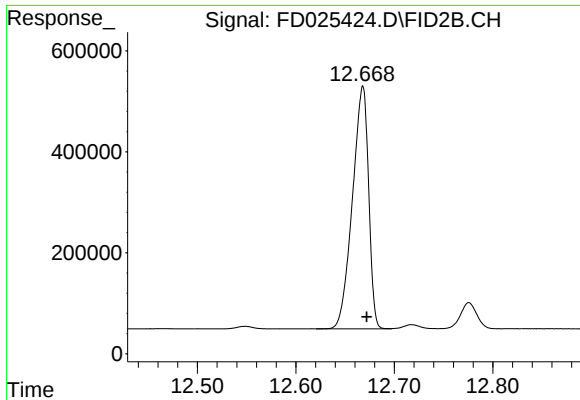
#11 ortho-Terphenyl (SURR)

R.T.: 11.337 min  
Delta R.T.: -0.010 min  
Response: 4614722  
Conc: 54.38 ug/ml



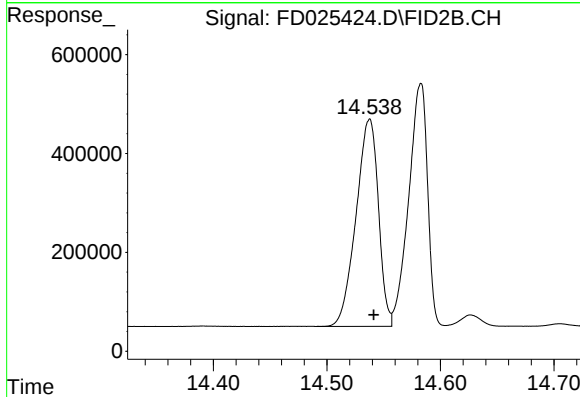
#12 Fluoranthene (C21.85)

R.T.: 12.373 min  
Delta R.T.: -0.005 min  
Response: 5532631  
Conc: 62.97 ug/ml



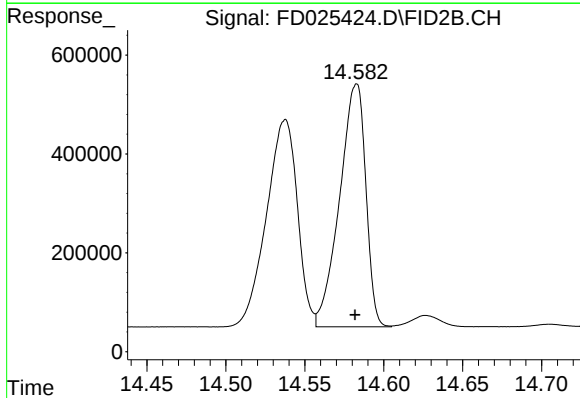
#13 Pyrene (C20.8)

R.T.: 12.668 min  
Delta R.T.: -0.004 min  
Response: 5480232  
Conc: 62.36 ug/ml



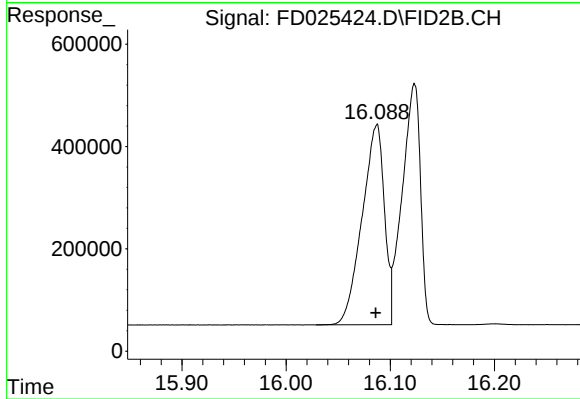
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min  
Delta R.T.: -0.004 min  
Response: 5737989  
Conc: 68.80 ug/ml



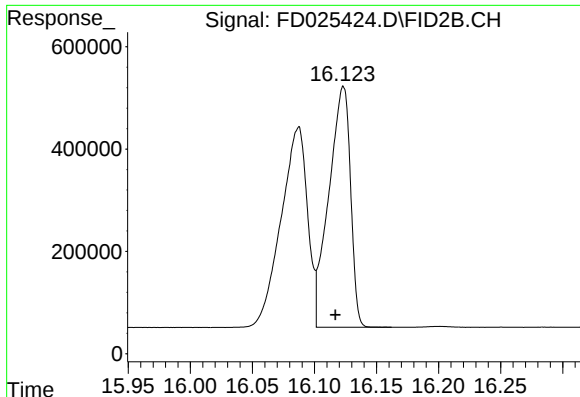
#15 Chrysene (C27.41)

R.T.: 14.583 min  
Delta R.T.: 0.000 min  
Response: 5678712  
Conc: 67.41 ug/ml



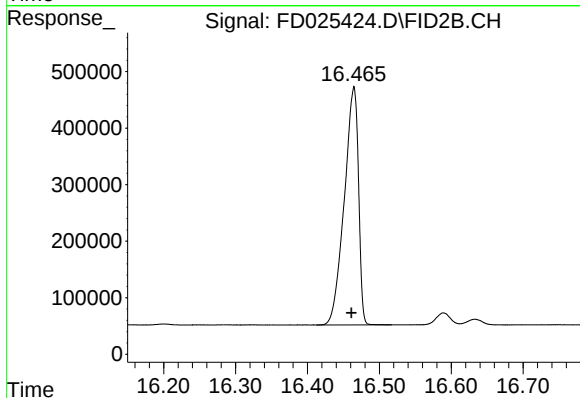
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min  
Delta R.T.: 0.000 min  
Response: 5816073  
Conc: 64.65 ug/ml



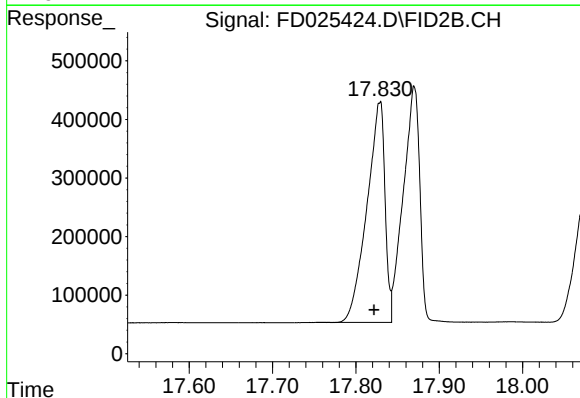
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.123 min  
Delta R.T.: 0.006 min  
Response: 5724006  
Conc: 63.58 ug/ml



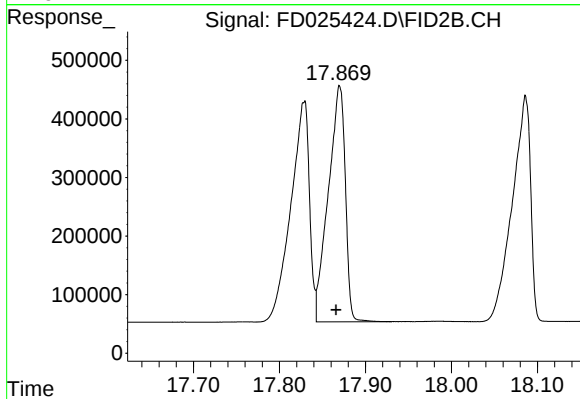
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.465 min  
Delta R.T.: 0.004 min  
Response: 5773105  
Conc: 62.72 ug/ml



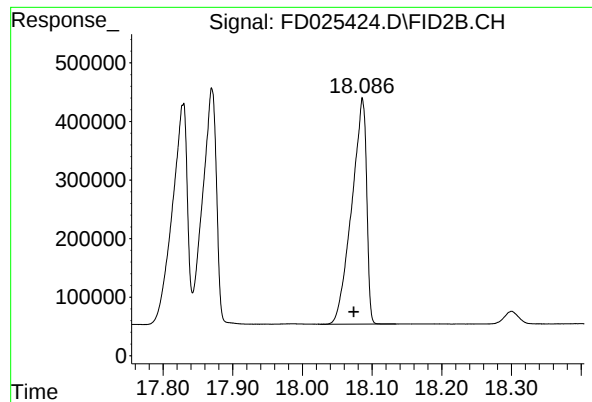
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min  
Delta R.T.: 0.007 min  
Response: 5673358  
Conc: 60.13 ug/ml



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

R.T.: 17.870 min  
Delta R.T.: 0.004 min  
Response: 5542273  
Conc: 60.56 ug/ml



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

R.T.: 18.086 min  
Delta R.T.: 0.013 min  
Response: 5720471  
Conc: 59.05 ug/ml