

Data Path : P:\HPCHEM1\FID D\Data\FD051118AR\  
 Data File : FD023614.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 May 2018 8:24  
 Operator : UA/AJ  
 Sample : PB108903BS  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: May 15 21:02:31 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 041618.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 15 20:59:44 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...           | 7.246  | 5826512    | 42.963 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 85.93%       |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.104  | 3756104    | 52.704 ug/ml |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 105.41%      |
| 11) S ortho-Terphenyl (SURR)            | 11.120 | 5861293    | 41.924 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 83.85%       |
| Target Compounds                        |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...           | 4.065  | 4301973    | 30.862 ug/ml |
| 2) T Naphthalene (C11.7)                | 5.588  | 4918013    | 35.933 ug/ml |
| 3) T 2-Methylnaphthalene (...)          | 6.635  | 5228115    | 38.300 ug/ml |
| 5) T Acenaphthylene (C15.06)            | 7.900  | 5371848    | 36.754 ug/ml |
| 7) T Acenaphthene (C15.5)               | 8.193  | 5768955    | 34.149 ug/ml |
| 8) T Fluorene (C16.55)                  | 8.973  | 5690778    | 39.740 ug/ml |
| 9) T Phenanthrene (C19.36)              | 10.363 | 5934788    | 44.714 ug/ml |
| 10) T Anthracene (C19.43)               | 10.441 | 5967535    | 42.650 ug/ml |
| 12) T Fluoranthene (C21.85)             | 12.172 | 6192885    | 45.086 ug/ml |
| 13) T Pyrene (C20.8)                    | 12.464 | 6042637    | 42.808 ug/ml |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.344 | 5928237    | 47.718 ug/ml |
| 15) T Chrysene (C27.41)                 | 14.387 | 6977568    | 45.069 ug/ml |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 15.904 | 5866665    | 43.521 ug/ml |
| 17) T Benzo[ <i>k</i> ]fluoranthene ... | 15.934 | 6338213    | 38.411 ug/ml |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.284 | 5471453    | 37.954 ug/ml |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.669 | 3789116    | 29.199 ug/ml |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.692 | 6132496    | 36.866 ug/ml |
| 21) T Benzo[ <i>a,h,i</i> ]perylene ... | 17.917 | 4483568    | 30.250 ug/ml |
| -----                                   |        |            |              |

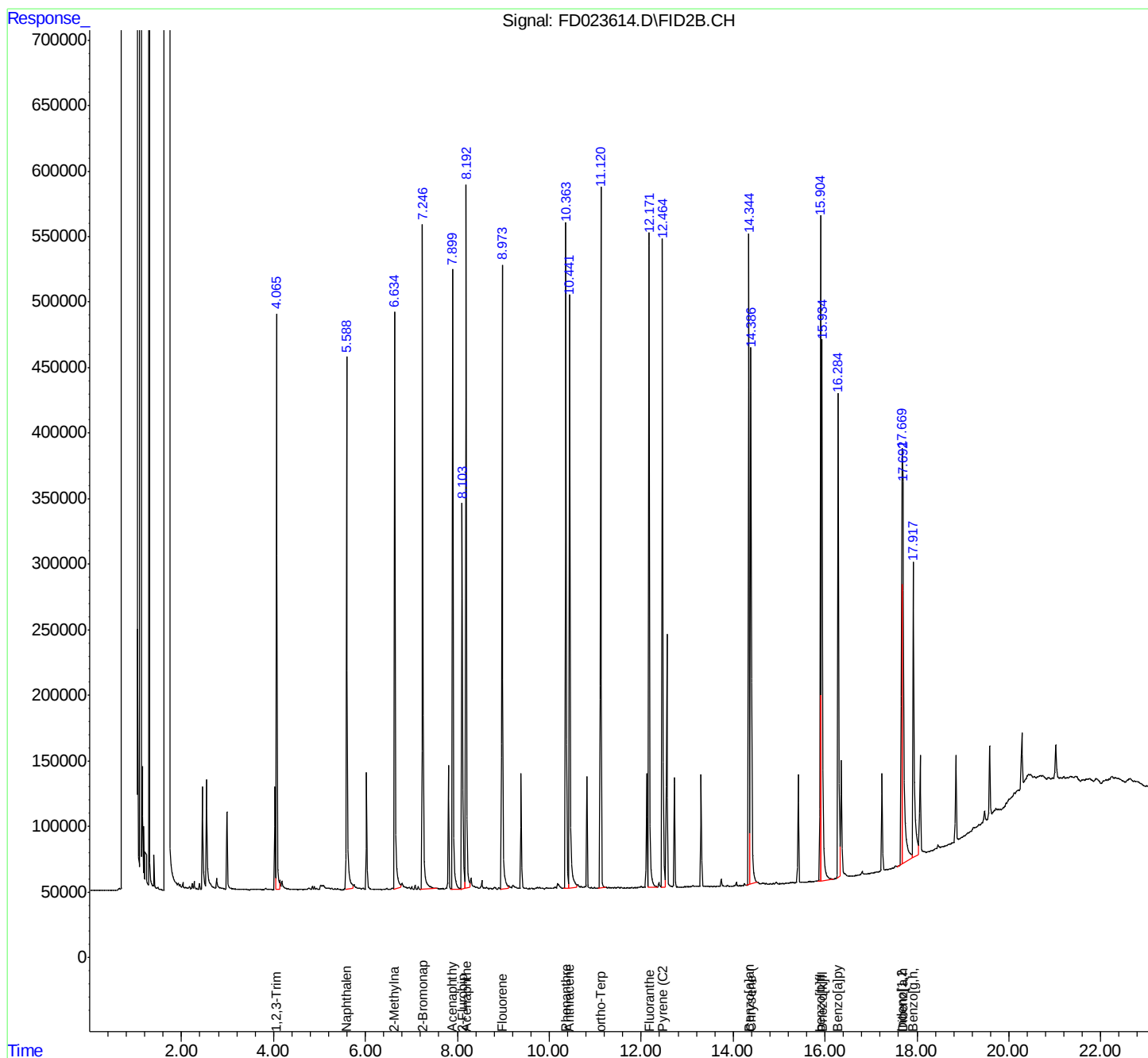
(f)=RT Delta > 1/2 Window

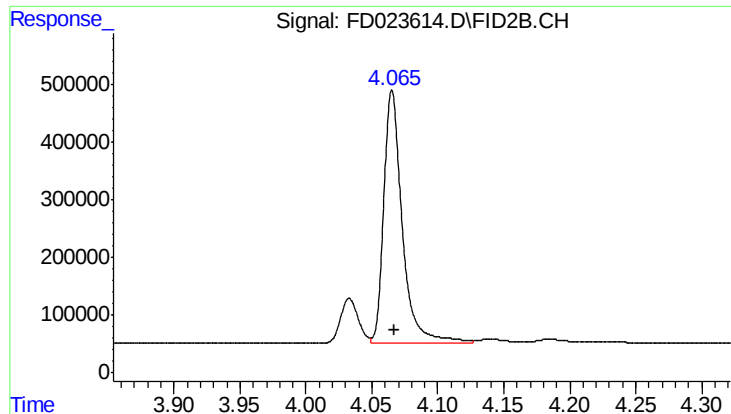
(m)=manual int.

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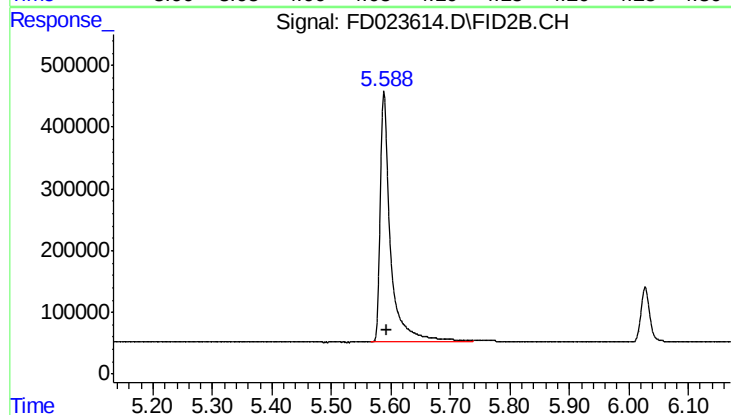
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





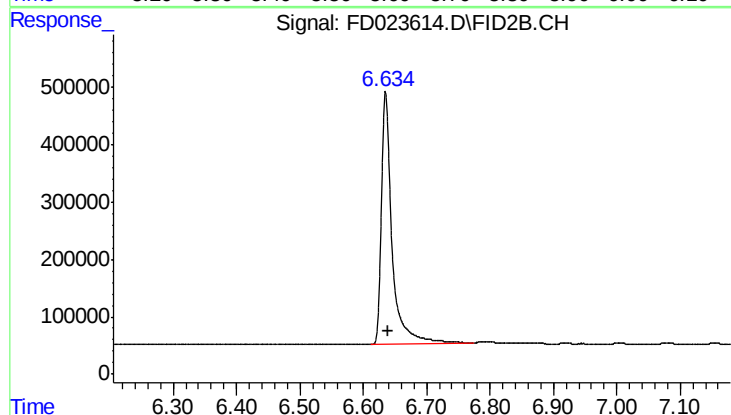
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.065 min  
Delta R.T.: -0.002 min  
Response: 4301973  
Conc: 30.86 ug/ml



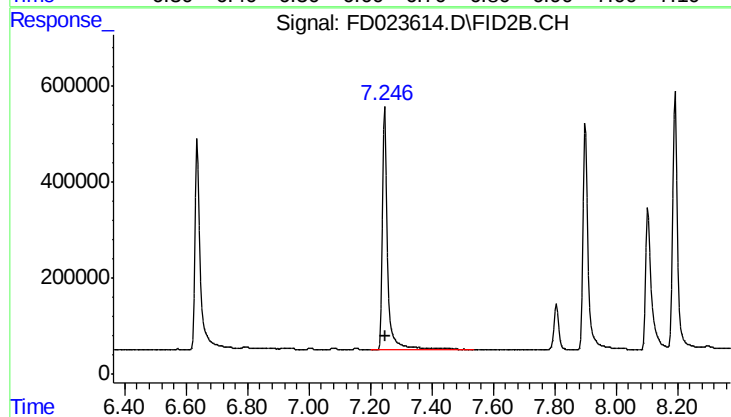
#2 Naphthalene (C11.7)

R.T.: 5.588 min  
Delta R.T.: -0.004 min  
Response: 4918013  
Conc: 35.93 ug/ml



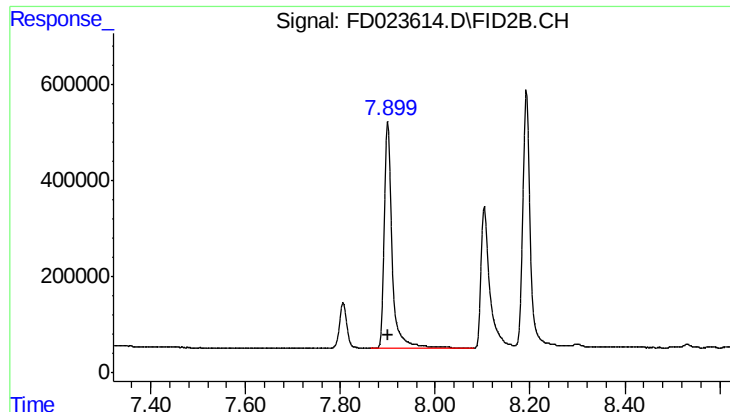
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.635 min  
Delta R.T.: -0.004 min  
Response: 5228115  
Conc: 38.30 ug/ml



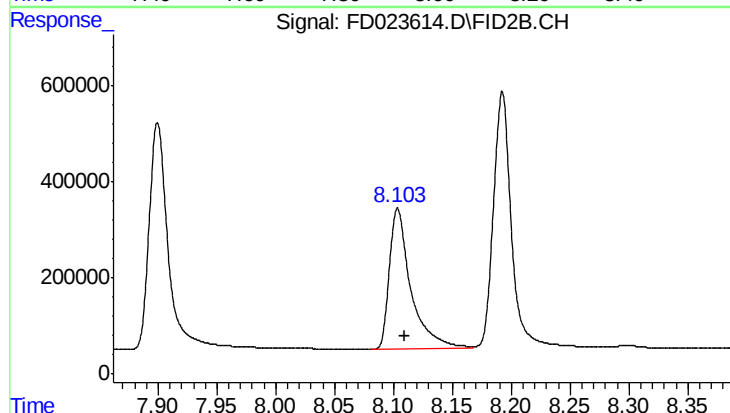
#4 2-Bromonaphthalene (SURR)

R.T.: 7.246 min  
Delta R.T.: -0.002 min  
Response: 5826512  
Conc: 42.96 ug/ml



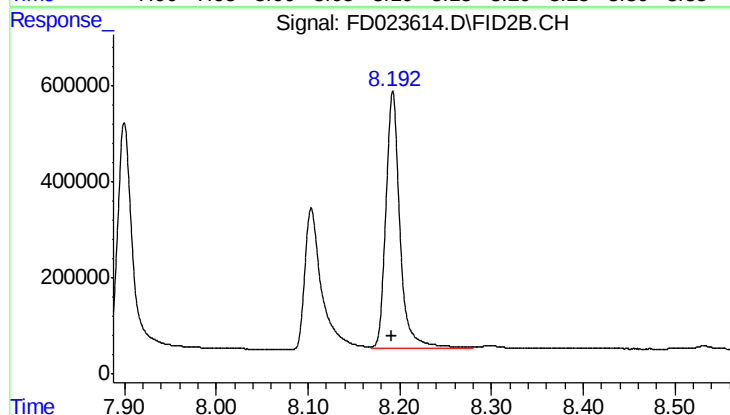
#5 Acenaphthylene (C15.06)

R.T.: 7.900 min  
Delta R.T.: -0.001 min  
Response: 5371848  
Conc: 36.75 ug/ml



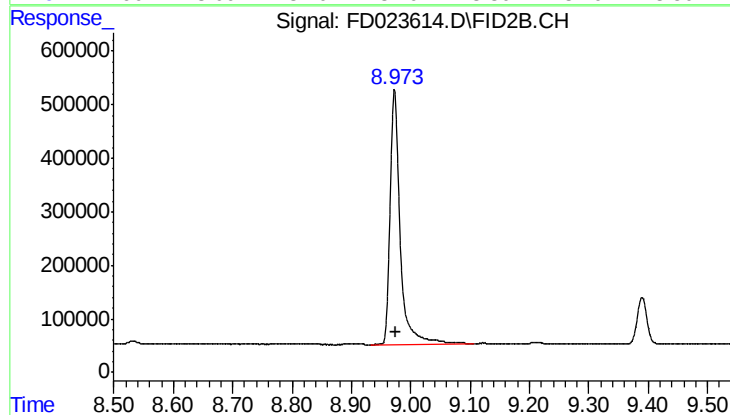
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.104 min  
Delta R.T.: -0.006 min  
Response: 3756104  
Conc: 52.70 ug/ml



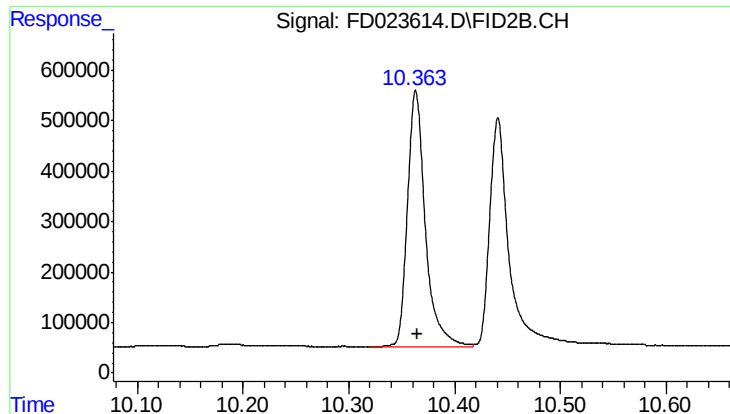
#7 Acenaphthene (C15.5)

R.T.: 8.193 min  
Delta R.T.: 0.001 min  
Response: 5768955  
Conc: 34.15 ug/ml



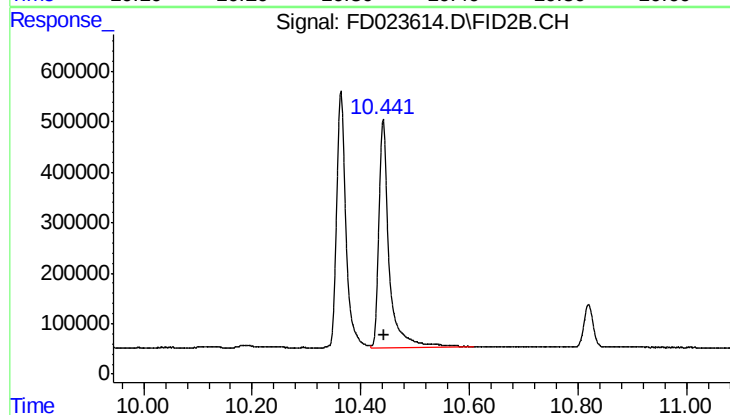
#8 Fluorene (C16.55)

R.T.: 8.973 min  
Delta R.T.: -0.001 min  
Response: 5690778  
Conc: 39.74 ug/ml



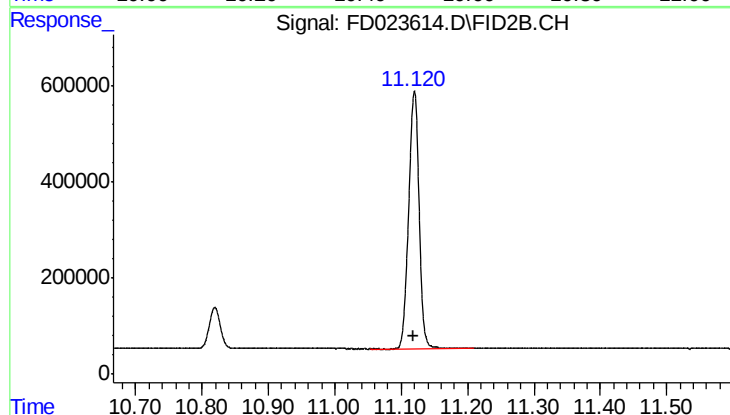
#9 Phenanthrene (C19.36)

R.T.: 10.363 min  
Delta R.T.: -0.001 min  
Response: 5934788  
Conc: 44.71 ug/ml



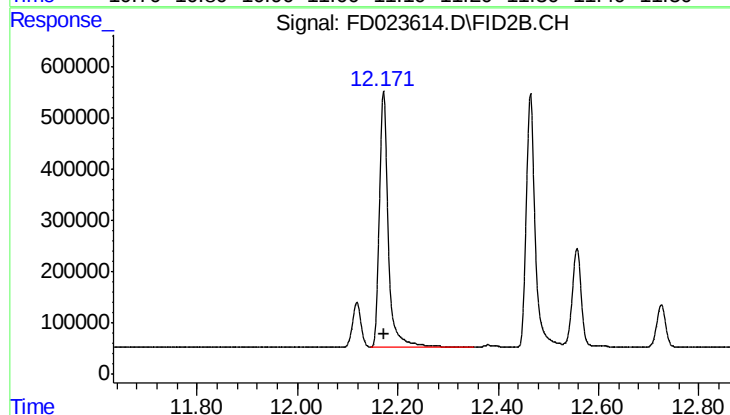
#10 Anthracene (C19.43)

R.T.: 10.441 min  
Delta R.T.: -0.002 min  
Response: 5967535  
Conc: 42.65 ug/ml



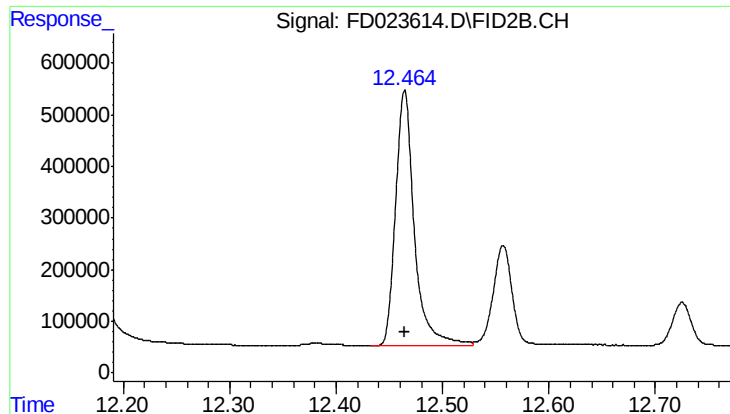
#11 ortho-Terphenyl (SURR)

R.T.: 11.120 min  
Delta R.T.: 0.002 min  
Response: 5861293  
Conc: 41.92 ug/ml



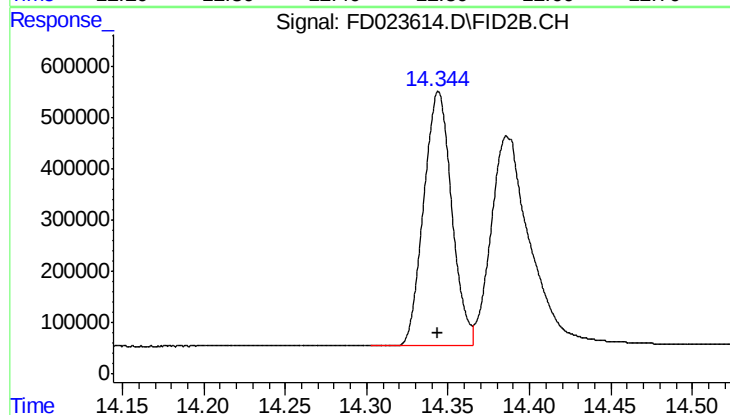
#12 Fluoranthene (C21.85)

R.T.: 12.172 min  
Delta R.T.: 0.000 min  
Response: 6192885  
Conc: 45.09 ug/ml



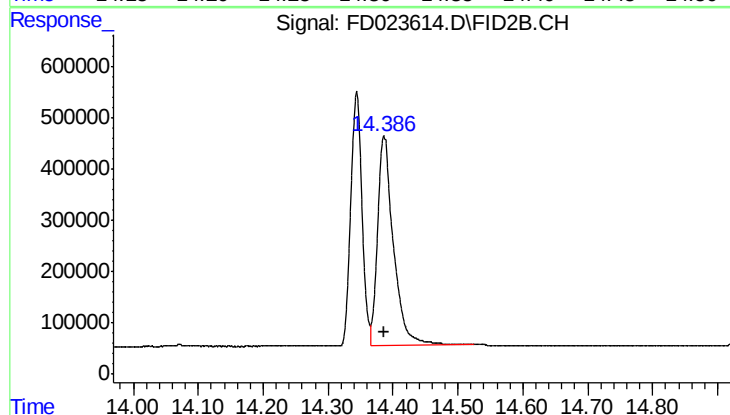
#13 Pyrene (C20.8)

R.T.: 12.464 min  
Delta R.T.: 0.000 min  
Response: 6042637  
Conc: 42.81 ug/ml



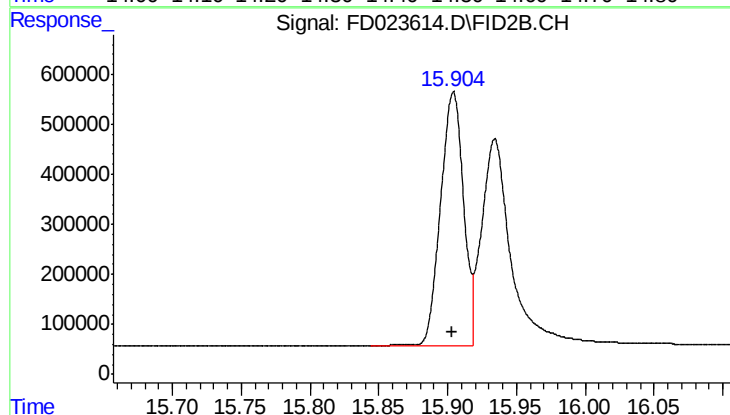
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.344 min  
Delta R.T.: 0.000 min  
Response: 5928237  
Conc: 47.72 ug/ml



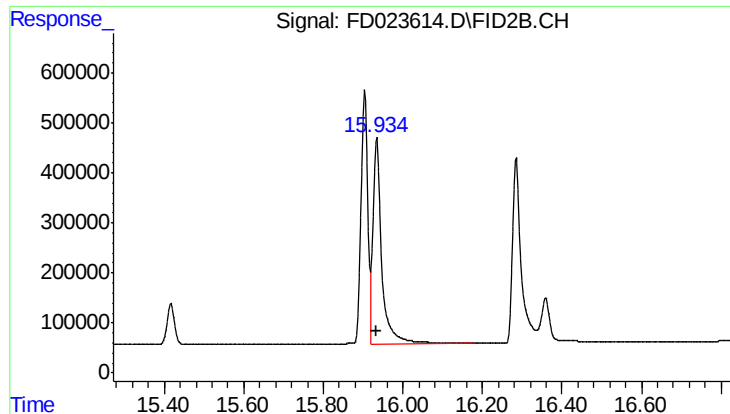
#15 Chrysene (C27.41)

R.T.: 14.387 min  
Delta R.T.: 0.000 min  
Response: 6977568  
Conc: 45.07 ug/ml



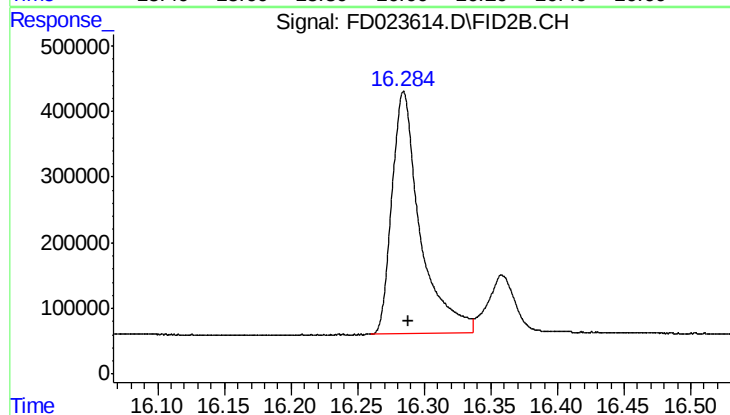
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.904 min  
Delta R.T.: 0.000 min  
Response: 5866665  
Conc: 43.52 ug/ml



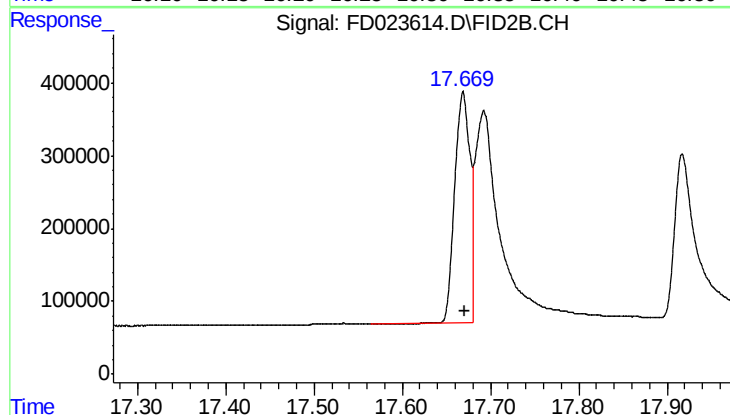
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.934 min  
Delta R.T.: 0.001 min  
Response: 6338213  
Conc: 38.41 ug/ml



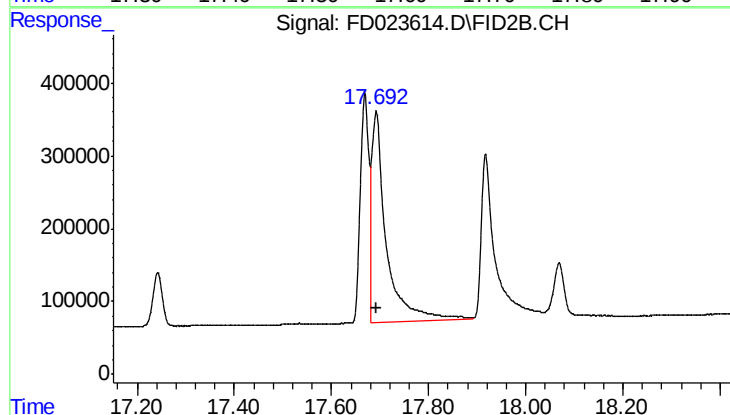
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.284 min  
Delta R.T.: -0.003 min  
Response: 5471453  
Conc: 37.95 ug/ml m



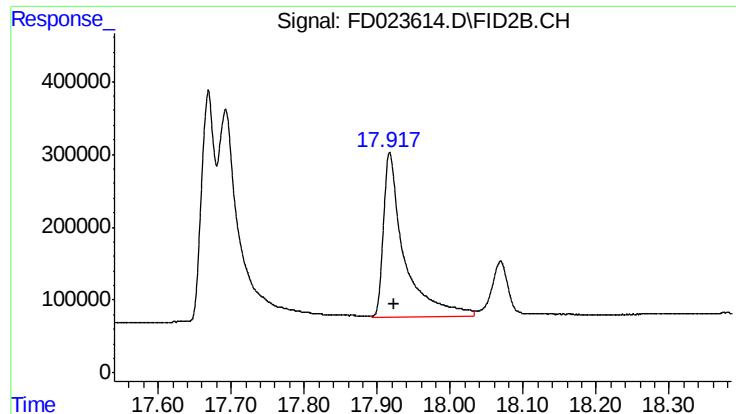
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.669 min  
Delta R.T.: -0.002 min  
Response: 3789116  
Conc: 29.20 ug/ml



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

R.T.: 17.692 min  
Delta R.T.: -0.001 min  
Response: 6132496  
Conc: 36.87 ug/ml



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

R.T.: 17.917 min  
Delta R.T.: -0.006 min  
Response: 4483568  
Conc: 30.25 ug/ml