

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040422AL\  
 Data File : FD041844.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 Apr 2022 14:27  
 Operator : UA/NP  
 Sample : PB143310BS  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 05 02:23:47 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 23 17:10:31 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

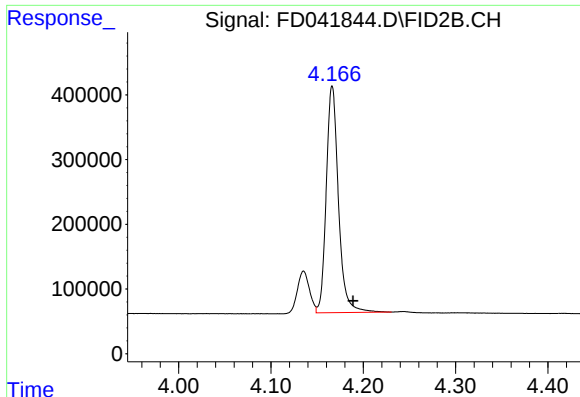
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.345  | 6769998    | 41.900 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 83.80%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.195  | 2913829    | 27.992 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 55.98%       |
| 11) S ortho-Terphenyl (SURR)       | 11.225 | 6543108    | 37.303 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 74.61%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.166  | 3230275    | 18.431 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.687  | 5047702    | 27.676 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.733  | 5886972    | 32.526 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.996  | 6467037    | 36.175 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.290  | 7102711    | 37.158 ug/ml |
| 8) T Fluorene (C16.55)             | 9.068  | 6624545    | 38.686 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.456 | 7016798    | 42.710 ug/ml |
| 10) T Anthracene (C19.43)          | 10.531 | 6930274    | 43.335 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.258 | 8148999    | 48.502 ug/ml |
| 13) T Pyrene (C20.8)               | 12.551 | 6734495    | 40.169 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.422 | 6041880    | 41.634 ug/ml |
| 15) T Chrysene (C27.41)            | 14.463 | 5974369    | 36.280 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.970 | 6250657    | 45.798 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.003 | 6558507    | 44.444 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.346 | 5951180    | 45.259 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.712 | 5569198    | 44.427 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.751 | 6262320    | 44.302 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.965 | 6380431    | 49.279 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

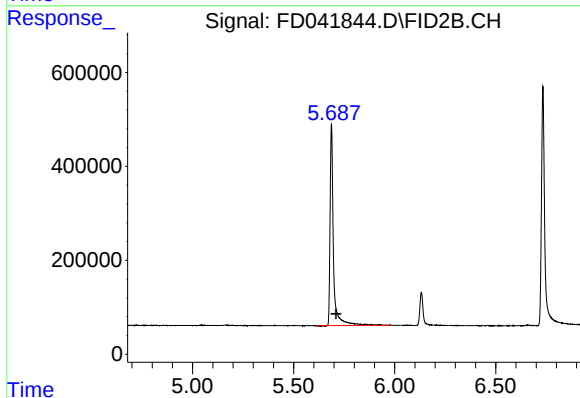
(m)=manual int.





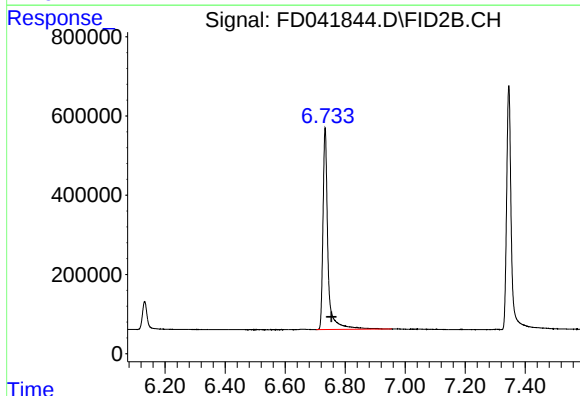
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.166 min  
Delta R.T.: -0.023 min  
Response: 3230275  
Conc: 18.43 ug/ml



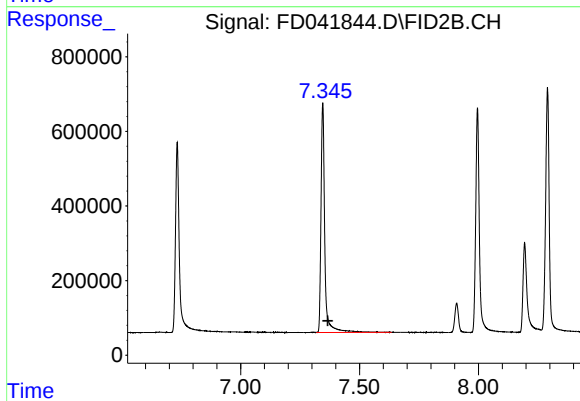
#2 Naphthalene (C11.7)

R.T.: 5.687 min  
Delta R.T.: -0.022 min  
Response: 5047702  
Conc: 27.68 ug/ml



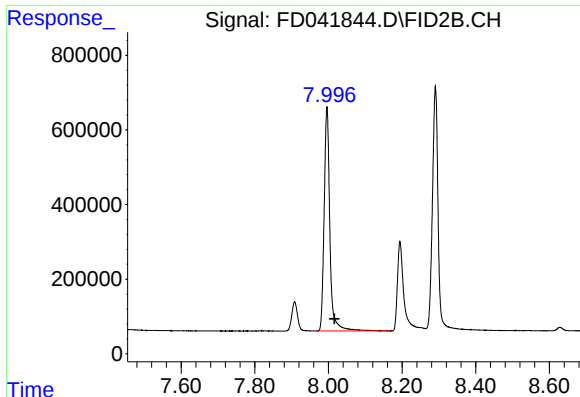
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.733 min  
Delta R.T.: -0.021 min  
Response: 5886972  
Conc: 32.53 ug/ml



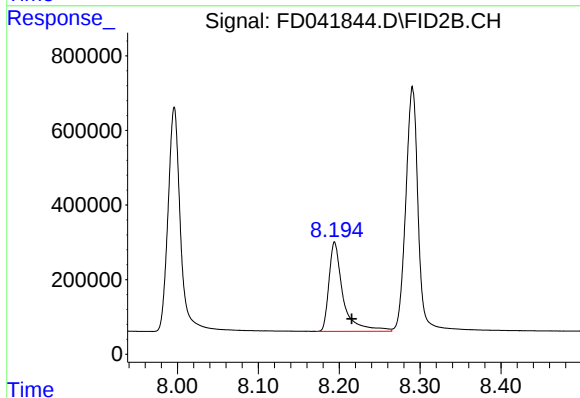
#4 2-Bromonaphthalene (SURR)

R.T.: 7.345 min  
Delta R.T.: -0.021 min  
Response: 6769998  
Conc: 41.90 ug/ml



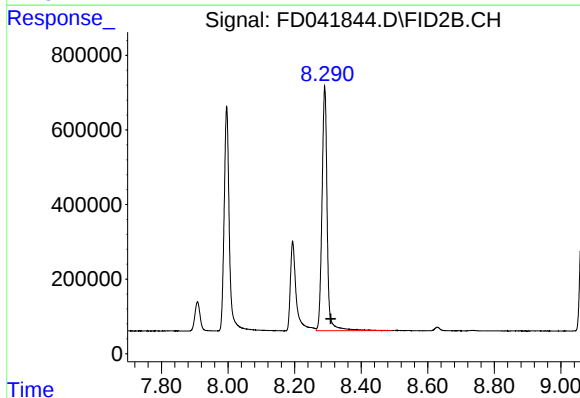
#5 Acenaphthylene (C15.06)

R.T.: 7.996 min  
Delta R.T.: -0.020 min  
Response: 6467037  
Conc: 36.18 ug/ml



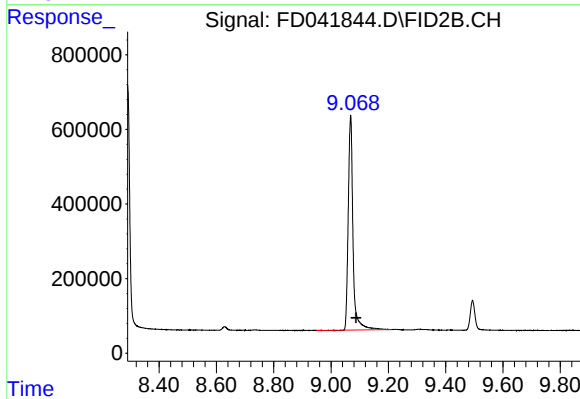
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.195 min  
Delta R.T.: -0.021 min  
Response: 2913829  
Conc: 27.99 ug/ml



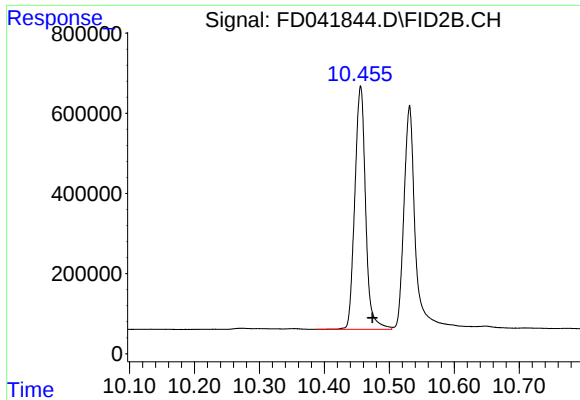
#7 Acenaphthene (C15.5)

R.T.: 8.290 min  
Delta R.T.: -0.018 min  
Response: 7102711  
Conc: 37.16 ug/ml



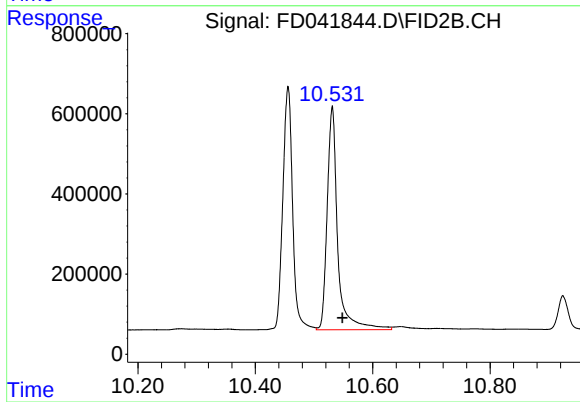
#8 Fluorene (C16.55)

R.T.: 9.068 min  
Delta R.T.: -0.019 min  
Response: 6624545  
Conc: 38.69 ug/ml



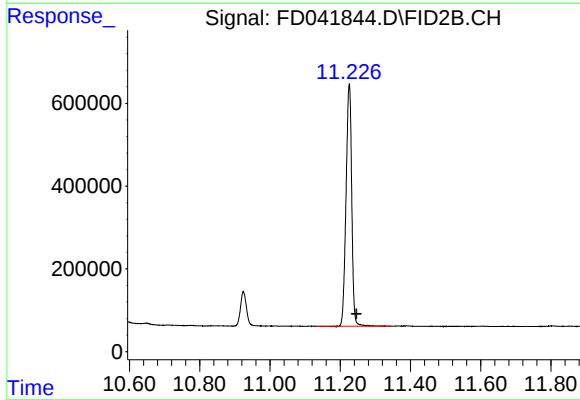
#9 Phenanthrene (C19.36)

R.T.: 10.456 min  
Delta R.T.: -0.018 min  
Response: 7016798  
Conc: 42.71 ug/ml



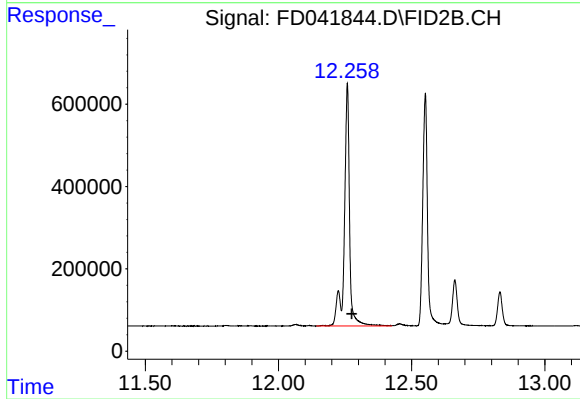
#10 Anthracene (C19.43)

R.T.: 10.531 min  
Delta R.T.: -0.018 min  
Response: 6930274  
Conc: 43.34 ug/ml



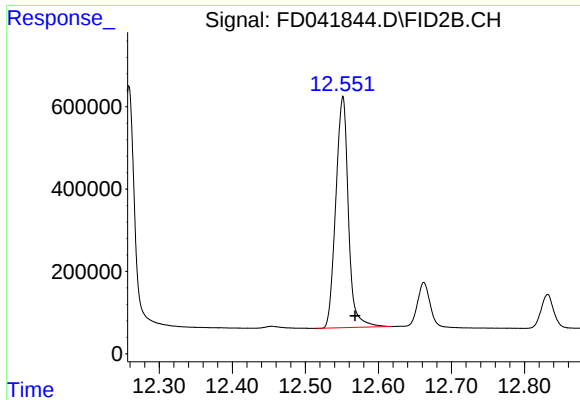
#11 ortho-Terphenyl (SURR)

R.T.: 11.225 min  
Delta R.T.: -0.021 min  
Response: 6543108  
Conc: 37.30 ug/ml



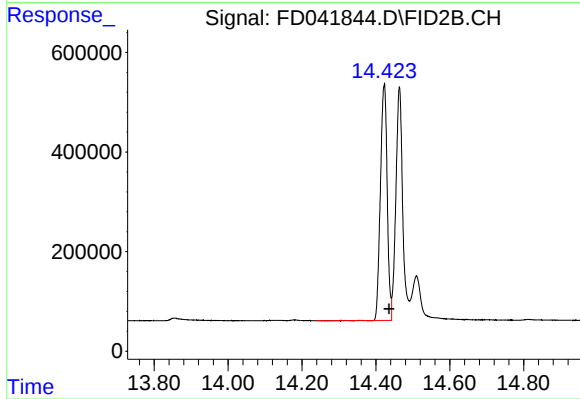
#12 Fluoranthene (C21.85)

R.T.: 12.258 min  
Delta R.T.: -0.017 min  
Response: 8148999  
Conc: 48.50 ug/ml



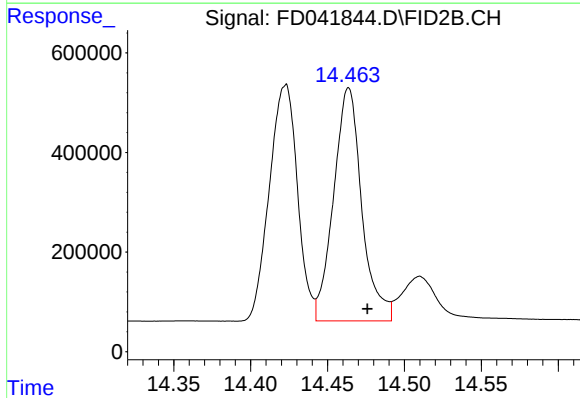
#13 Pyrene (C20.8)

R.T.: 12.551 min  
Delta R.T.: -0.017 min  
Response: 6734495  
Conc: 40.17 ug/ml



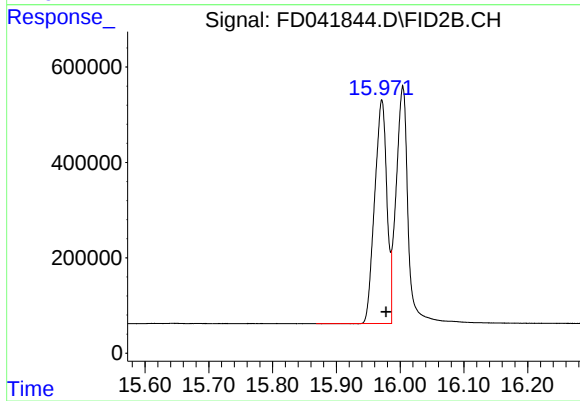
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min  
Delta R.T.: -0.013 min  
Response: 6041880  
Conc: 41.63 ug/ml



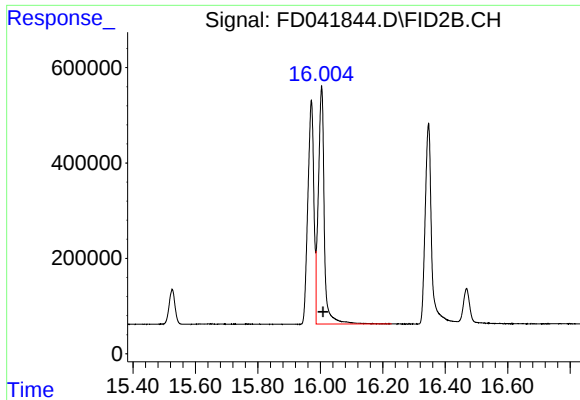
#15 Chrysene (C27.41)

R.T.: 14.463 min  
Delta R.T.: -0.013 min  
Response: 5974369  
Conc: 36.28 ug/ml



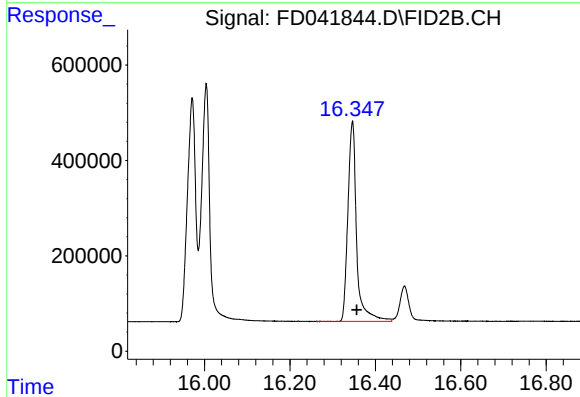
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.970 min  
Delta R.T.: -0.008 min  
Response: 6250657  
Conc: 45.80 ug/ml



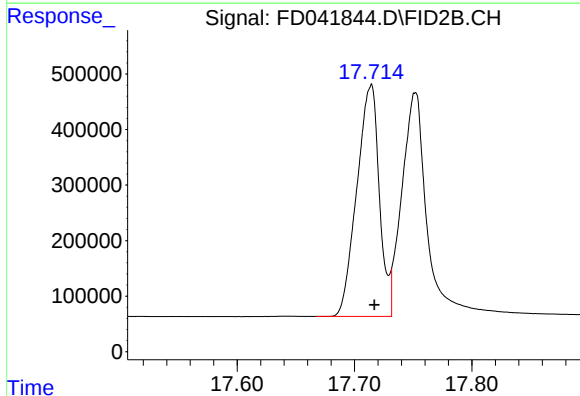
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.003 min  
Delta R.T.: -0.006 min  
Response: 6558507  
Conc: 44.44 ug/ml



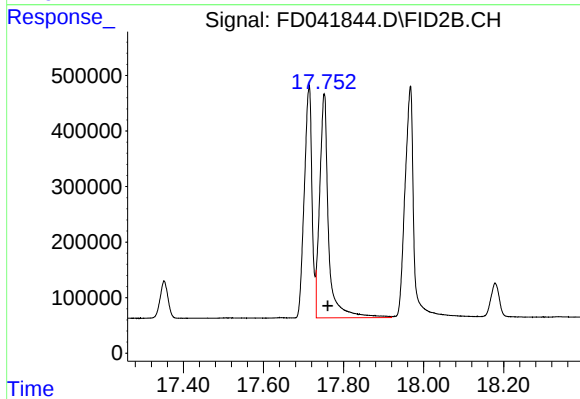
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.346 min  
Delta R.T.: -0.011 min  
Response: 5951180  
Conc: 45.26 ug/ml



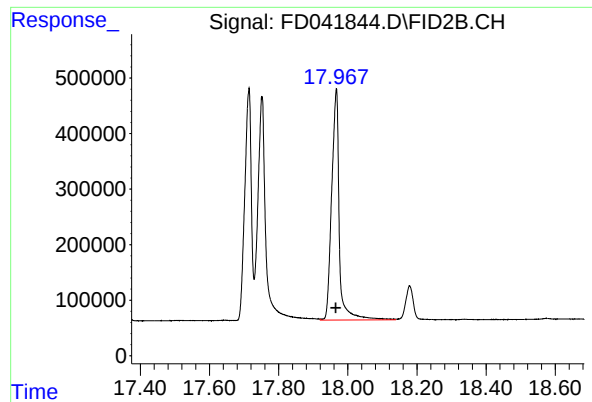
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.712 min  
Delta R.T.: -0.005 min  
Response: 5569198  
Conc: 44.43 ug/ml



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

R.T.: 17.751 min  
Delta R.T.: -0.010 min  
Response: 6262320  
Conc: 44.30 ug/ml



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

R.T.: 17.965 min  
Delta R.T.: 0.000 min  
Response: 6380431  
Conc: 49.28 ug/ml