

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112019AR\  
 Data File : FD031616.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Nov 2019 16:57  
 Operator : DD\AJ  
 Sample : PB124965BS  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 21 01:04:51 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 06 03:03:26 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

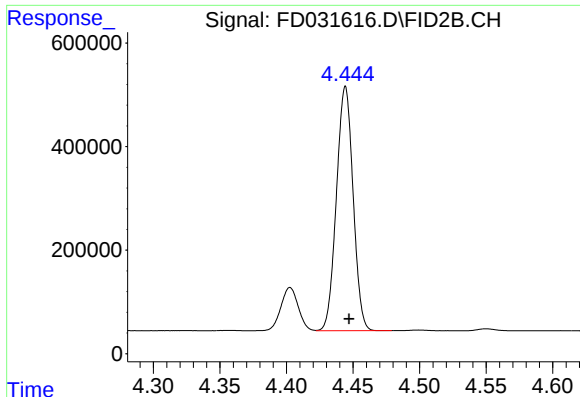
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.647  | 5925422    | 49.778 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 99.56%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.510  | 3333681    | 40.461 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 80.92%       |
| 11) S ortho-Terphenyl (SURR)       | 11.548 | 5559990    | 43.449 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 86.90%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.444  | 4112034    | 34.258 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.985  | 4872983    | 37.847 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.037  | 5104566    | 39.746 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.314  | 5311998    | 42.196 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.610  | 5585331    | 42.658 ug/ml |
| 8) T Flouorene (C16.55)            | 9.390  | 5910860    | 45.210 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.785 | 6040579    | 45.846 ug/ml |
| 10) T Anthracene (C19.43)          | 10.861 | 6057735    | 46.979 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.597 | 6029693    | 45.498 ug/ml |
| 13) T Pyrene (C20.8)               | 12.894 | 5857168    | 44.474 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.762 | 5562575    | 43.943 ug/ml |
| 15) T Chrysene (C27.41)            | 14.808 | 6490929    | 51.177 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.313 | 5883559    | 46.870 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.349 | 5567184    | 44.240 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.693 | 5318803    | 42.860 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.057 | 5584206    | 45.909 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.096 | 5358456    | 43.275 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.314 | 5423498    | 44.958 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

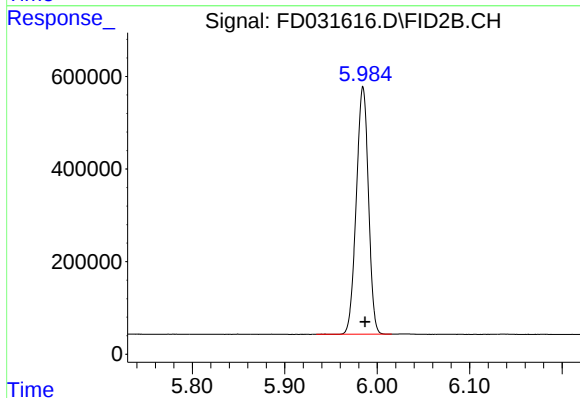
(m)=manual int.





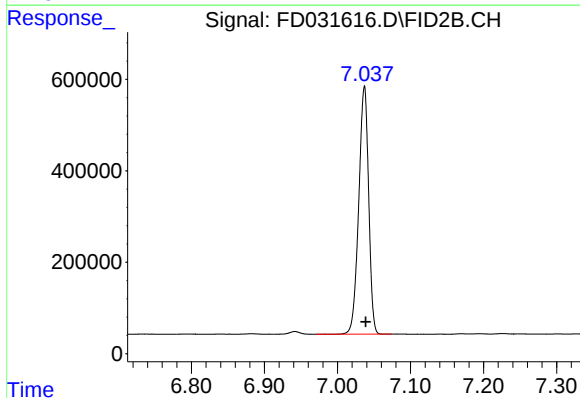
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.444 min  
Delta R.T.: -0.003 min  
Response: 4112034  
Conc: 34.26 ug/ml



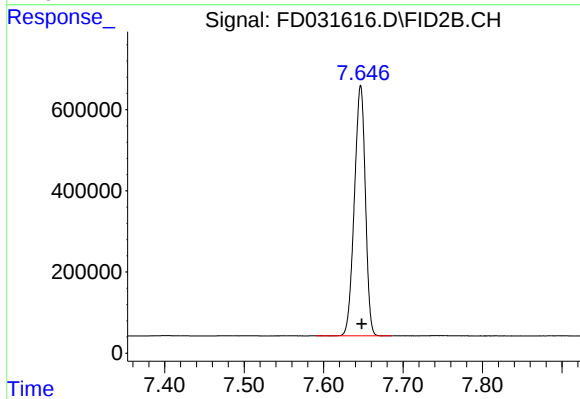
#2 Naphthalene (C11.7)

R.T.: 5.985 min  
Delta R.T.: -0.002 min  
Response: 4872983  
Conc: 37.85 ug/ml



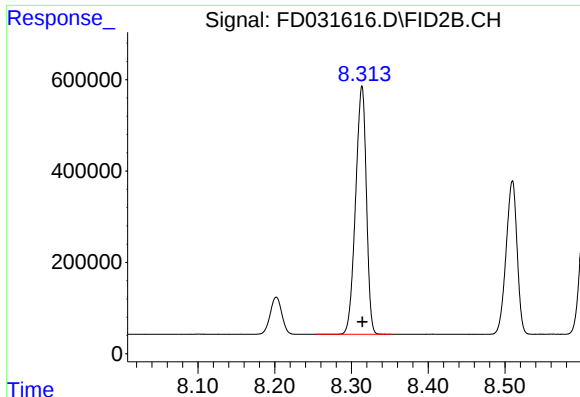
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.037 min  
Delta R.T.: -0.002 min  
Response: 5104566  
Conc: 39.75 ug/ml



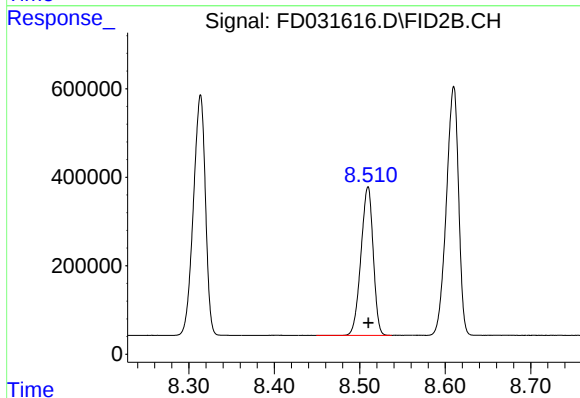
#4 2-Bromonaphthalene (SURR)

R.T.: 7.647 min  
Delta R.T.: -0.001 min  
Response: 5925422  
Conc: 49.78 ug/ml



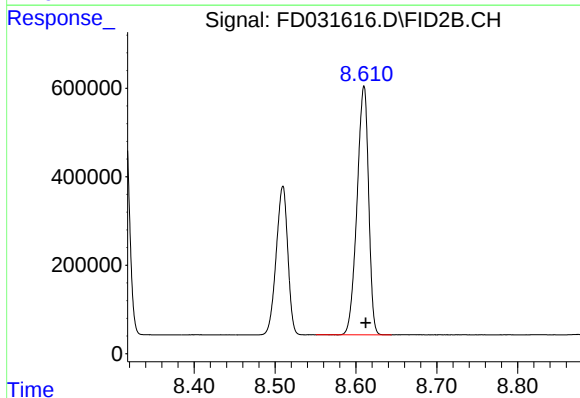
#5 Acenaphthylene (C15.06)

R.T.: 8.314 min  
Delta R.T.: 0.000 min  
Response: 5311998  
Conc: 42.20 ug/ml



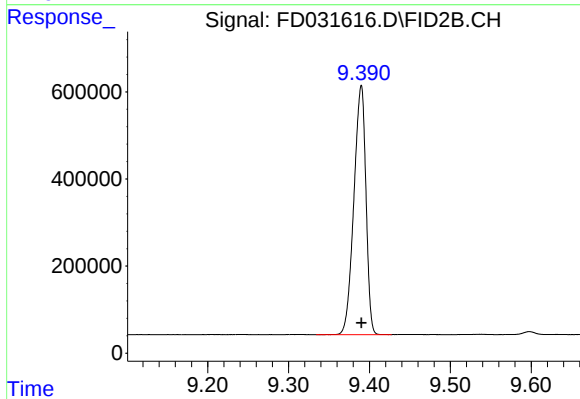
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.510 min  
Delta R.T.: 0.000 min  
Response: 3333681  
Conc: 40.46 ug/ml



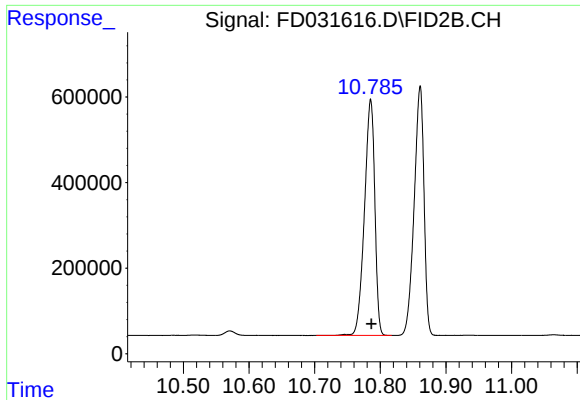
#7 Acenaphthene (C15.5)

R.T.: 8.610 min  
Delta R.T.: -0.002 min  
Response: 5585331  
Conc: 42.66 ug/ml



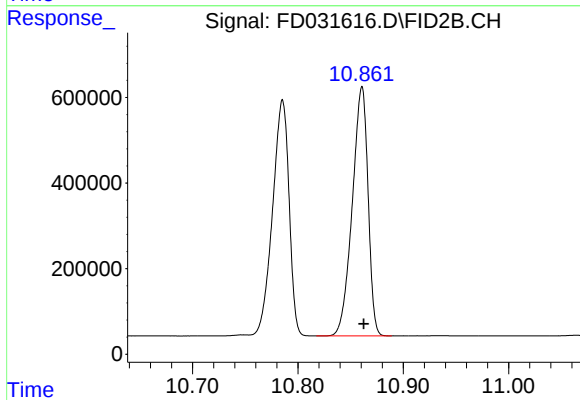
#8 Fluorene (C16.55)

R.T.: 9.390 min  
Delta R.T.: 0.000 min  
Response: 5910860  
Conc: 45.21 ug/ml



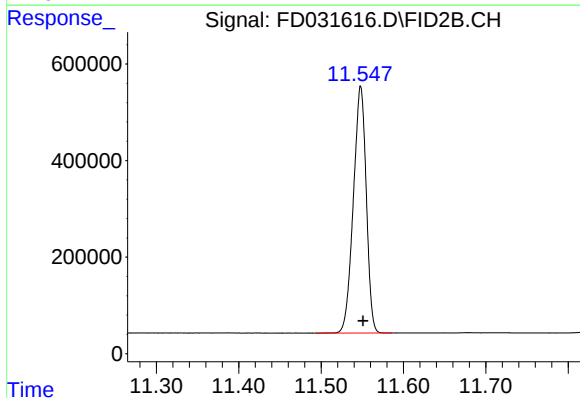
#9 Phenanthrene (C19.36)

R.T.: 10.785 min  
Delta R.T.: 0.000 min  
Response: 6040579  
Conc: 45.85 ug/ml



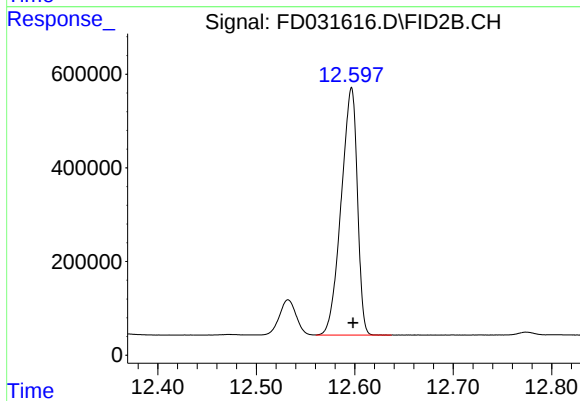
#10 Anthracene (C19.43)

R.T.: 10.861 min  
Delta R.T.: -0.002 min  
Response: 6057735  
Conc: 46.98 ug/ml



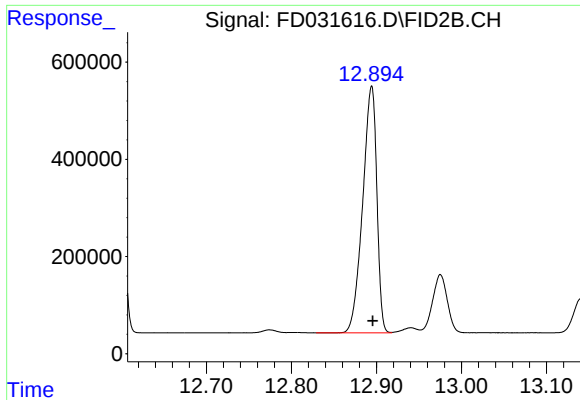
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min  
Delta R.T.: -0.003 min  
Response: 5559990  
Conc: 43.45 ug/ml



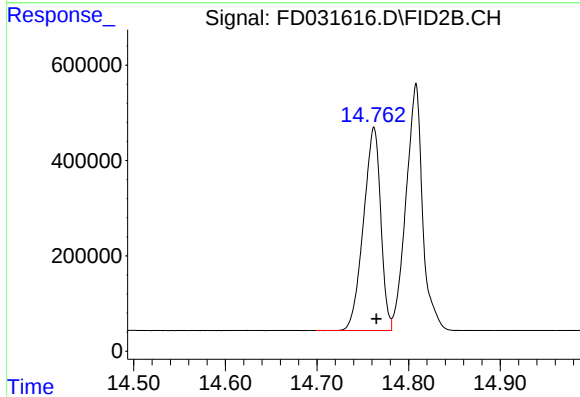
#12 Fluoranthene (C21.85)

R.T.: 12.597 min  
Delta R.T.: -0.001 min  
Response: 6029693  
Conc: 45.50 ug/ml



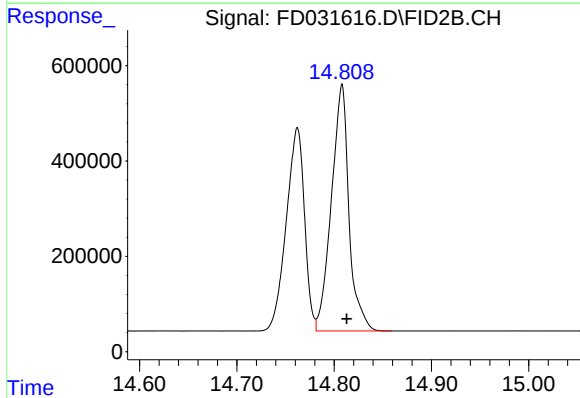
#13 Pyrene (C20.8)

R.T.: 12.894 min  
Delta R.T.: -0.001 min  
Response: 5857168  
Conc: 44.47 ug/ml



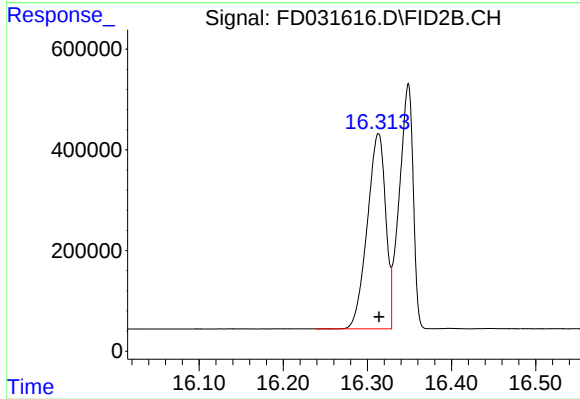
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.762 min  
Delta R.T.: -0.002 min  
Response: 5562575  
Conc: 43.94 ug/ml



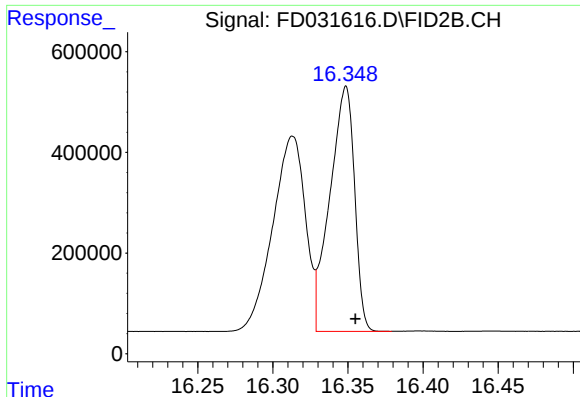
#15 Chrysene (C27.41)

R.T.: 14.808 min  
Delta R.T.: -0.005 min  
Response: 6490929  
Conc: 51.18 ug/ml



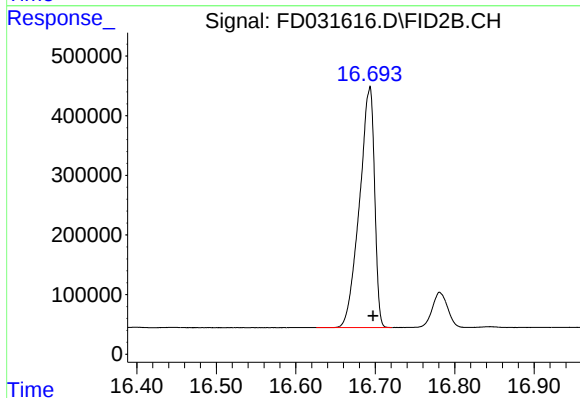
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.313 min  
Delta R.T.: 0.000 min  
Response: 5883559  
Conc: 46.87 ug/ml



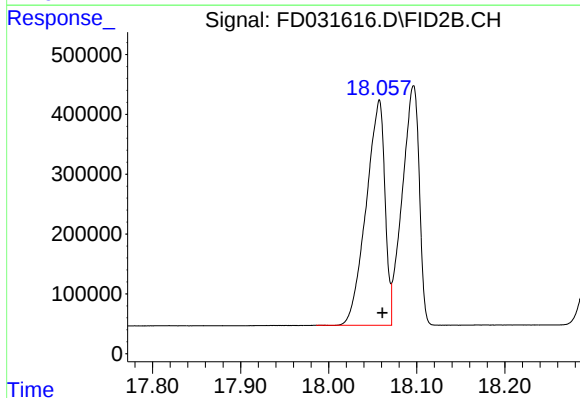
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.349 min  
Delta R.T.: -0.006 min  
Response: 5567184  
Conc: 44.24 ug/ml



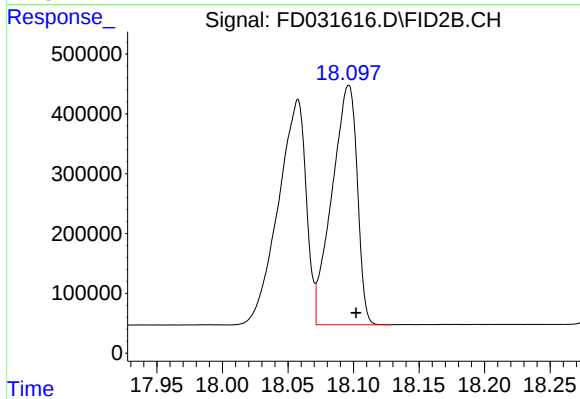
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.693 min  
Delta R.T.: -0.004 min  
Response: 5318803  
Conc: 42.86 ug/ml



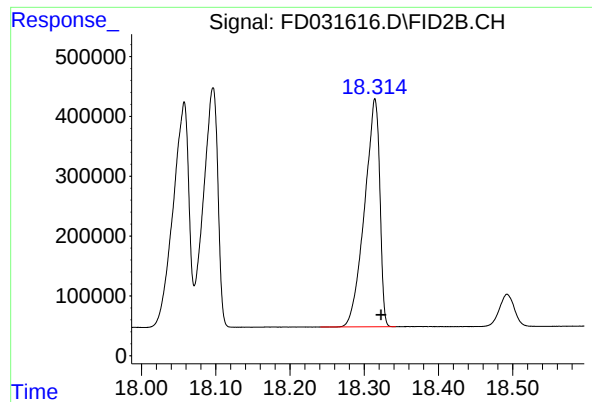
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min  
Delta R.T.: -0.004 min  
Response: 5584206  
Conc: 45.91 ug/ml



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

R.T.: 18.096 min  
Delta R.T.: -0.006 min  
Response: 5358456  
Conc: 43.28 ug/ml



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

R.T.: 18.314 min  
Delta R.T.: -0.008 min  
Response: 5423498  
Conc: 44.96 ug/ml