

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD021323AR\  
 Data File : FD045018.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Feb 2023 17:07  
 Operator : YP/AJ  
 Sample : PB150811BS  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 14 00:27:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 012323.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 23 15:00:18 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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...      | 7.560  | 7102252    | 48.426 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 96.85%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.417  | 4458777    | 44.671 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 89.34%       |
| 11) S ortho-Terphenyl (SURR)       | 11.459 | 7700967    | 41.434 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 82.87%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.366  | 5241992    | 32.839 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.897  | 6031895    | 35.601 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.948  | 6128348    | 35.722 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.221  | 6809271    | 43.332 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.518  | 6938215    | 41.729 ug/ml |
| 8) T Fluorene (C16.55)             | 9.297  | 7061909    | 43.025 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.690 | 7175454    | 44.380 ug/ml |
| 10) T Anthracene (C19.43)          | 10.765 | 7079704    | 47.756 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.498 | 7174559    | 44.829 ug/ml |
| 13) T Pyrene (C20.8)               | 12.793 | 7132765    | 45.456 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.660 | 6590413    | 46.176 ug/ml |
| 15) T Chrysene (C27.41)            | 14.704 | 6463350    | 43.653 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.206 | 6610968    | 45.571 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.241 | 6164630    | 43.239 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.583 | 5804151    | 41.536 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.944 | 6187382    | 45.979 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.985 | 5767807    | 43.525 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.200 | 6060619    | 44.574 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

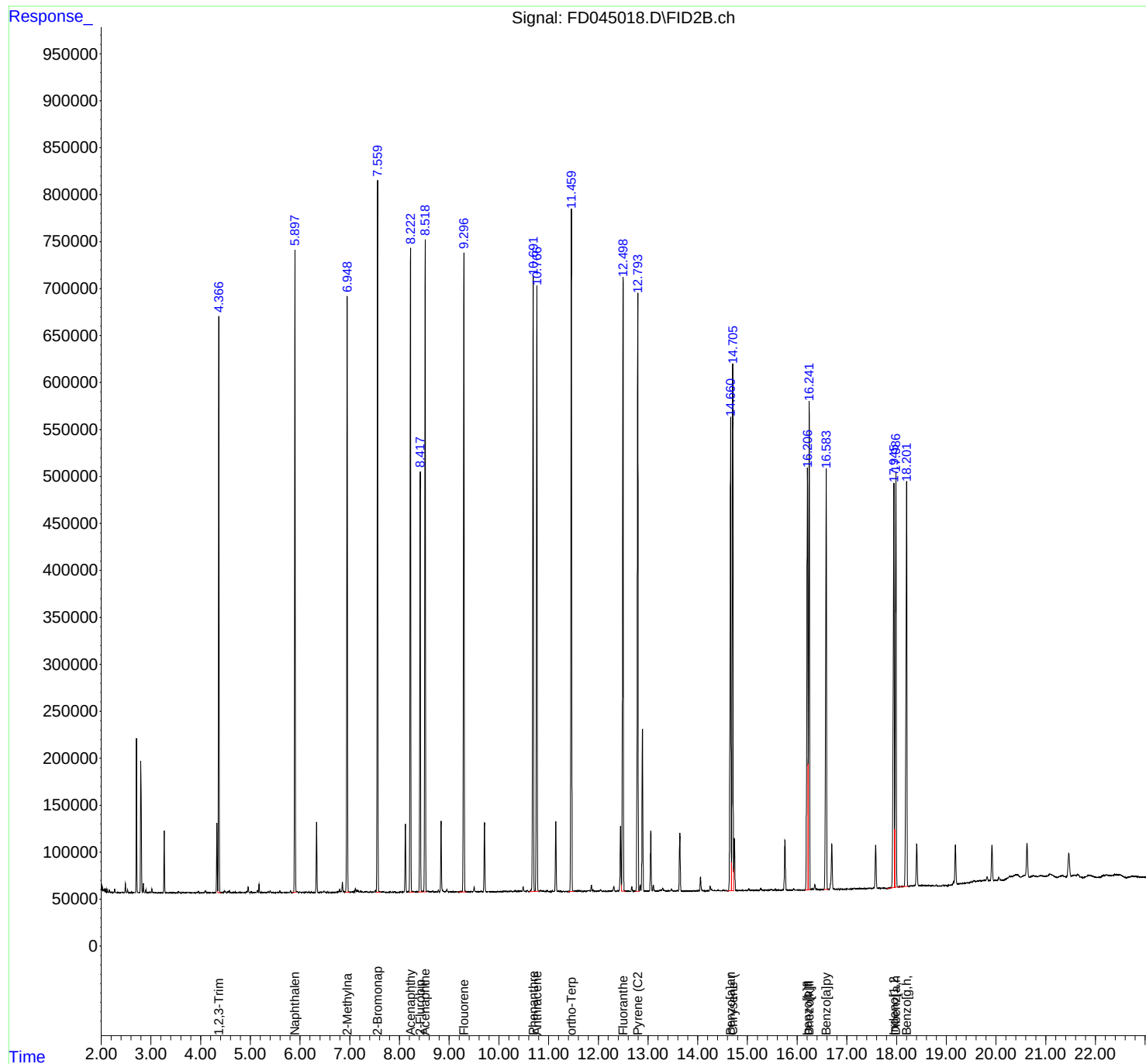
(m)=manual int.

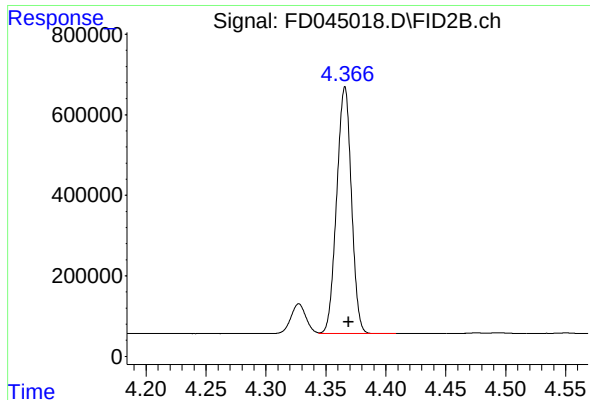
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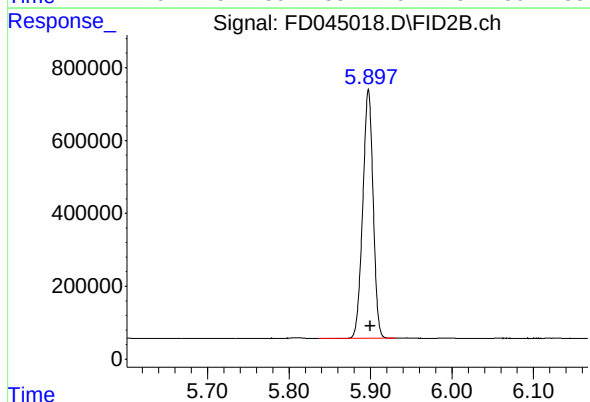




#1 1,2,3-Trimethylbenzene (C10.1)

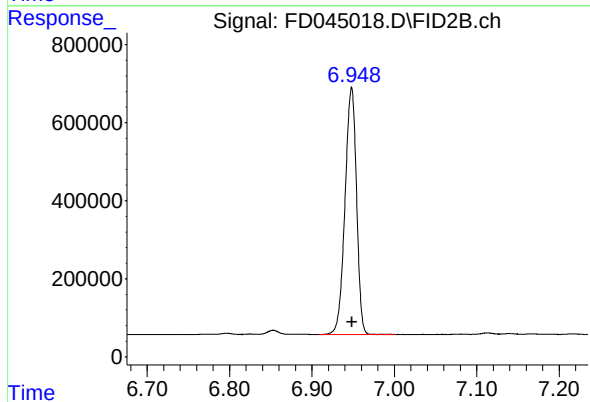
R.T.: 4.366 min  
Delta R.T.: -0.003 min  
Response: 5241992  
Conc: 32.84 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



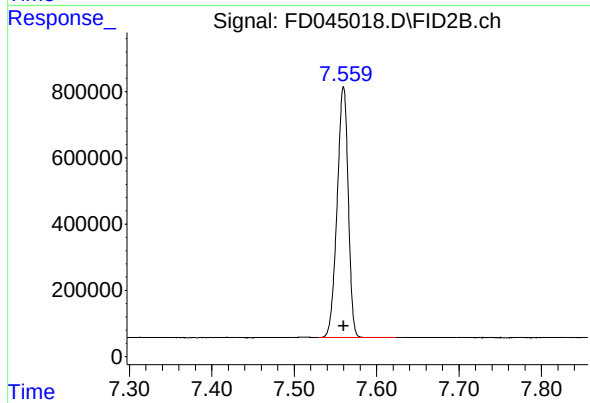
#2 Naphthalene (C11.7)

R.T.: 5.897 min  
Delta R.T.: -0.002 min  
Response: 6031895  
Conc: 35.60 ug/ml



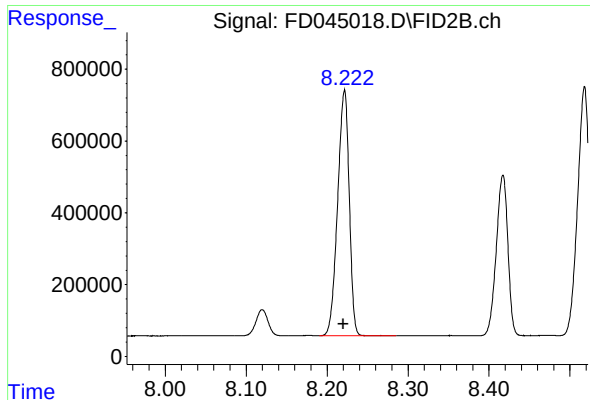
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min  
Delta R.T.: 0.000 min  
Response: 6128348  
Conc: 35.72 ug/ml



#4 2-Bromonaphthalene (SURR)

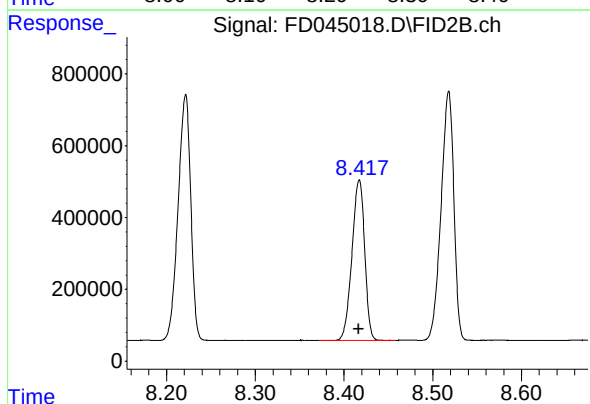
R.T.: 7.560 min  
Delta R.T.: 0.000 min  
Response: 7102252  
Conc: 48.43 ug/ml



#5 Acenaphthylene (C15.06)

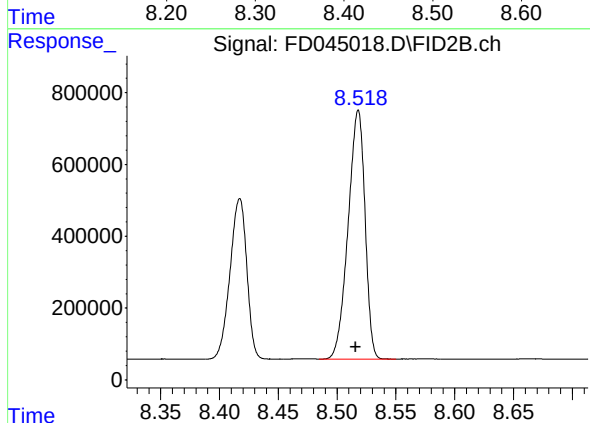
R.T.: 8.221 min  
Delta R.T.: 0.000 min  
Response: 6809271  
Conc: 43.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



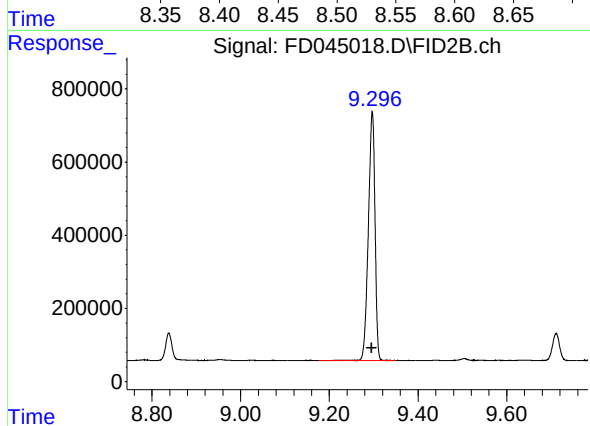
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.417 min  
Delta R.T.: 0.000 min  
Response: 4458777  
Conc: 44.67 ug/ml



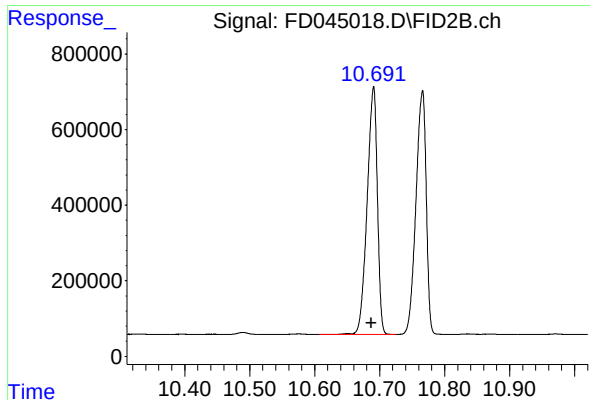
#7 Acenaphthene (C15.5)

R.T.: 8.518 min  
Delta R.T.: 0.002 min  
Response: 6938215  
Conc: 41.73 ug/ml



#8 Flouorene (C16.55)

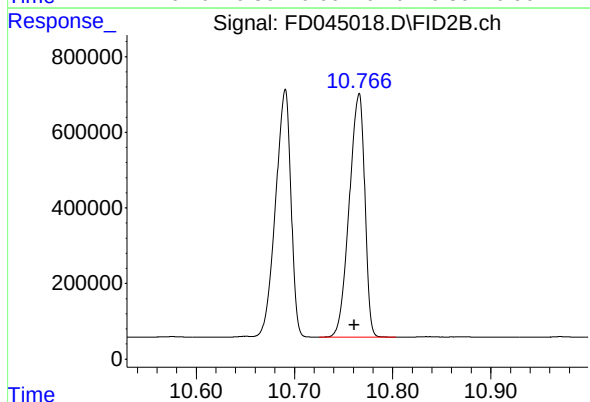
R.T.: 9.297 min  
Delta R.T.: 0.001 min  
Response: 7061909  
Conc: 43.02 ug/ml



#9 Phenanthrene (C19.36)

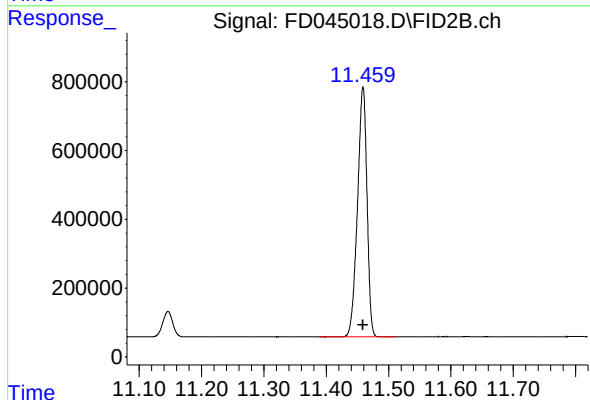
R.T.: 10.690 min  
Delta R.T.: 0.003 min  
Response: 7175454  
Conc: 44.38 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



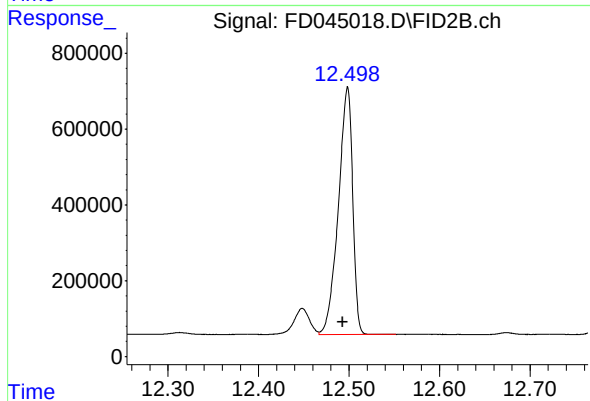
#10 Anthracene (C19.43)

R.T.: 10.765 min  
Delta R.T.: 0.004 min  
Response: 7079704  
Conc: 47.76 ug/ml



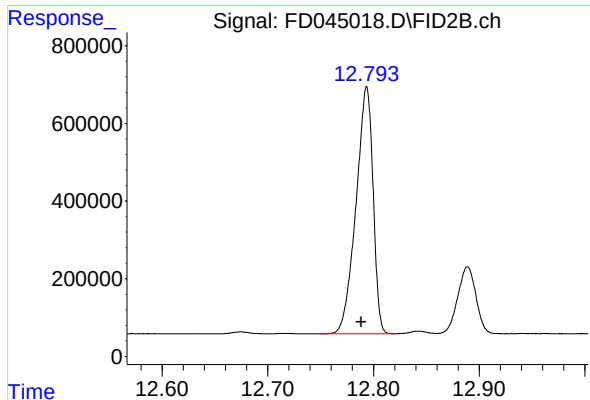
#11 ortho-Terphenyl (SURR)

R.T.: 11.459 min  
Delta R.T.: 0.000 min  
Response: 7700967  
Conc: 41.43 ug/ml



#12 Fluoranthene (C21.85)

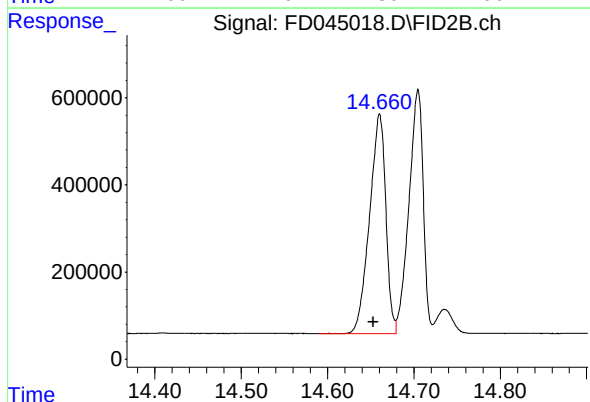
R.T.: 12.498 min  
Delta R.T.: 0.005 min  
Response: 7174559  
Conc: 44.83 ug/ml



#13 Pyrene (C20.8)

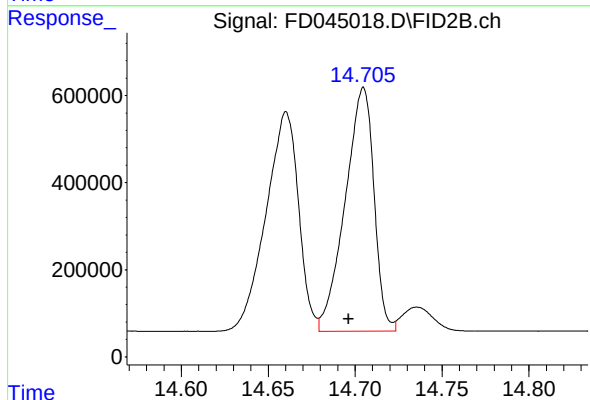
R.T.: 12.793 min  
Delta R.T.: 0.005 min  
Response: 7132765  
Conc: 45.46 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



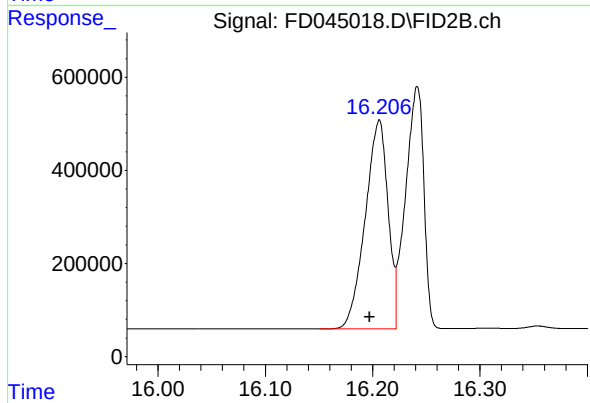
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.660 min  
Delta R.T.: 0.007 min  
Response: 6590413  
Conc: 46.18 ug/ml



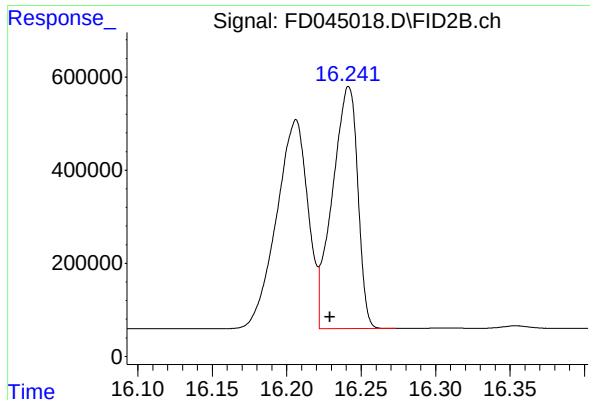
#15 Chrysene (C27.41)

R.T.: 14.704 min  
Delta R.T.: 0.008 min  
Response: 6463350  
Conc: 43.65 ug/ml



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

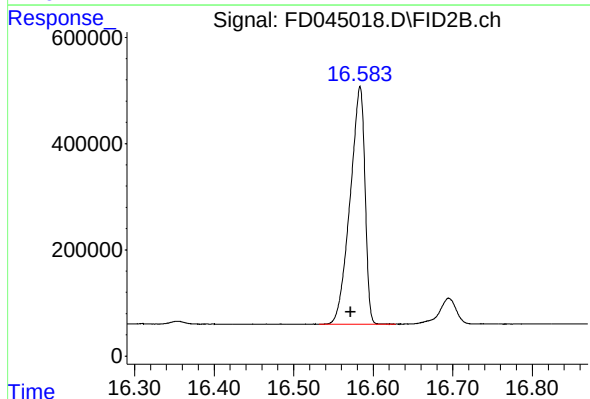
R.T.: 16.206 min  
Delta R.T.: 0.009 min  
Response: 6610968  
Conc: 45.57 ug/ml



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

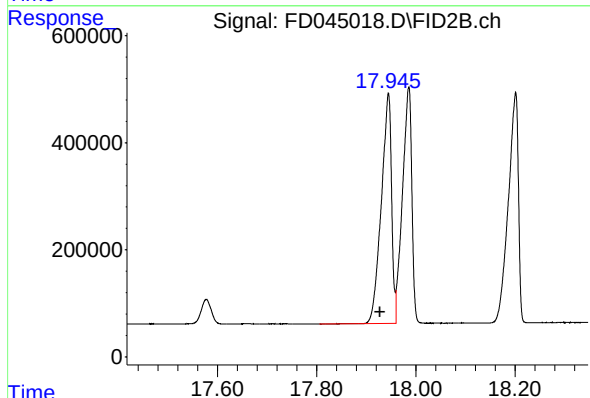
R.T.: 16.241 min  
Delta R.T.: 0.012 min  
Response: 6164630  
Conc: 43.24 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



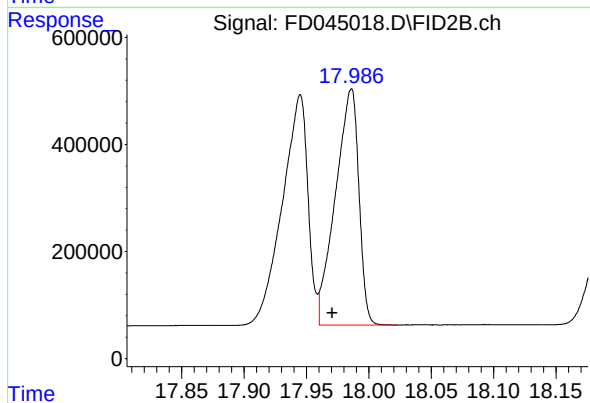
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.583 min  
Delta R.T.: 0.011 min  
Response: 5804151  
Conc: 41.54 ug/ml



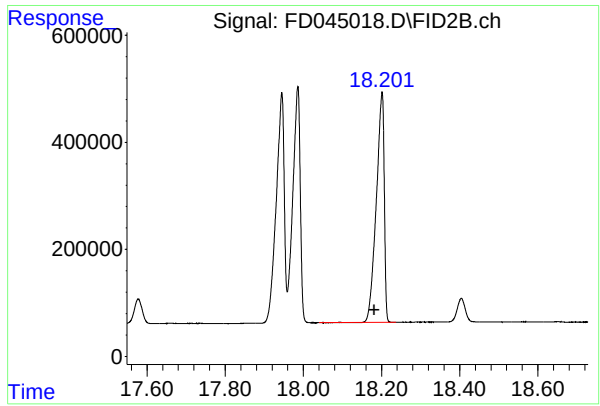
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.944 min  
Delta R.T.: 0.016 min  
Response: 6187382  
Conc: 45.98 ug/ml



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

R.T.: 17.985 min  
Delta R.T.: 0.015 min  
Response: 5767807  
Conc: 43.52 ug/ml



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

R.T.: 18.200 min  
Delta R.T.: 0.018 min  
Response: 6060619  
Conc: 44.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :