

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050523AR\  
 Data File : FD045598.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 May 2023 15:10  
 Operator : YP/AJ  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 05 18:05:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 050523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 05 18:04:52 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...      | 7.546  | 7956590    | 45.388 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 90.78%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.402  | 5389344    | 45.587 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 91.17%       |
| 11) S ortho-Terphenyl (SURR)       | 11.443 | 9784704    | 45.325 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 90.65%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.353  | 8749386    | 45.700 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.885  | 9215566    | 45.594 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.935  | 9256375    | 45.620 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.206  | 8432423    | 45.402 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.503  | 8922319    | 45.641 ug/ml |
| 8) T Flouorene (C16.55)            | 9.282  | 8814157    | 45.435 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.673 | 8636644    | 45.501 ug/ml |
| 10) T Anthracene (C19.43)          | 10.749 | 8283969    | 45.408 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.478 | 8330515    | 45.418 ug/ml |
| 13) T Pyrene (C20.8)               | 12.774 | 8113301    | 45.292 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.637 | 7381865    | 45.577 ug/ml |
| 15) T Chrysene (C27.41)            | 14.682 | 7516417    | 45.547 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.179 | 6895881    | 46.210 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.215 | 6734728    | 45.798 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.556 | 6540943    | 46.419 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.913 | 6010397    | 47.303 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.955 | 6005654    | 46.469 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.168 | 6033664    | 46.826 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

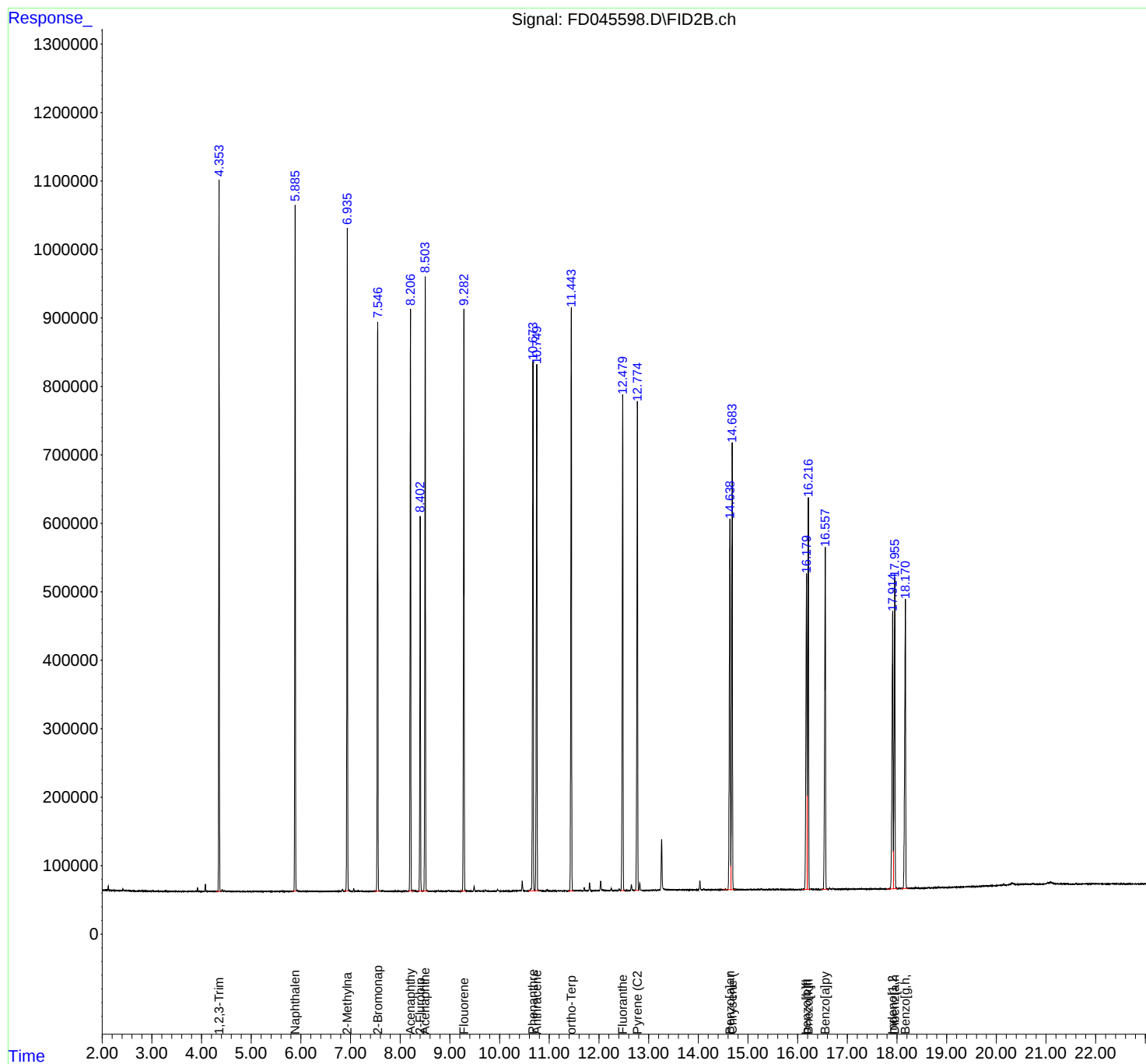
(m)=manual int.

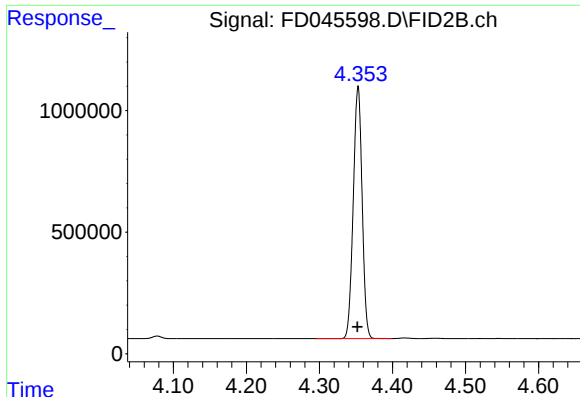
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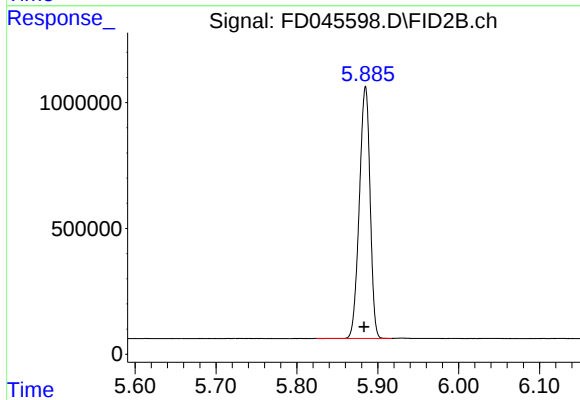




#1 1,2,3-Trimethylbenzene (C10.1)

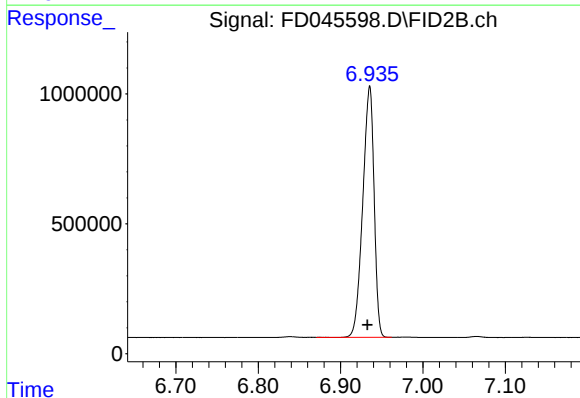
R.T.: 4.353 min  
Delta R.T.: 0.000 min  
Response: 8749386  
Conc: 45.70 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



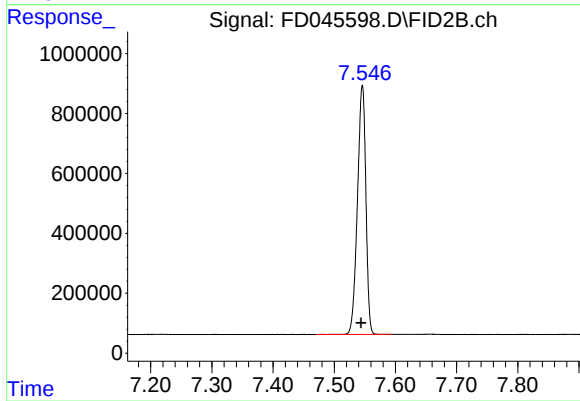
#2 Naphthalene (C11.7)

R.T.: 5.885 min  
Delta R.T.: 0.002 min  
Response: 9215566  
Conc: 45.59 ug/ml



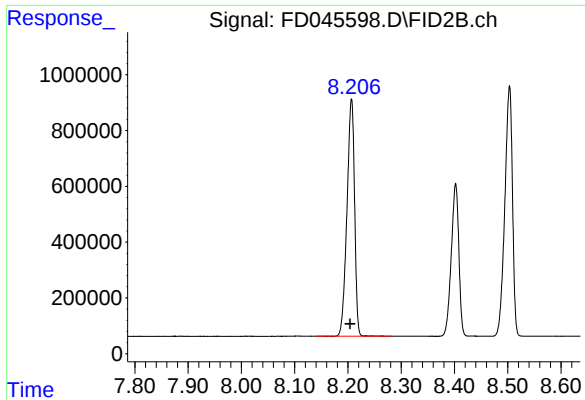
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min  
Delta R.T.: 0.003 min  
Response: 9256375  
Conc: 45.62 ug/ml



#4 2-Bromonaphthalene (SURR)

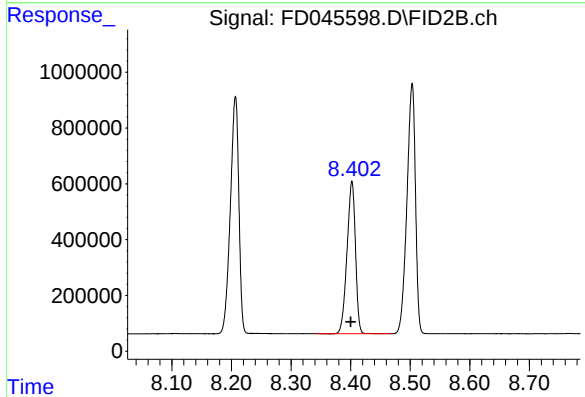
R.T.: 7.546 min  
Delta R.T.: 0.002 min  
Response: 7956590  
Conc: 45.39 ug/ml



#5 Acenaphthylene (C15.06)

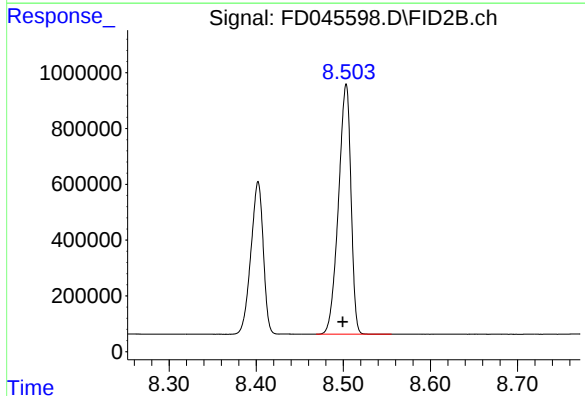
R.T.: 8.206 min  
Delta R.T.: 0.002 min  
Response: 8432423  
Conc: 45.40 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



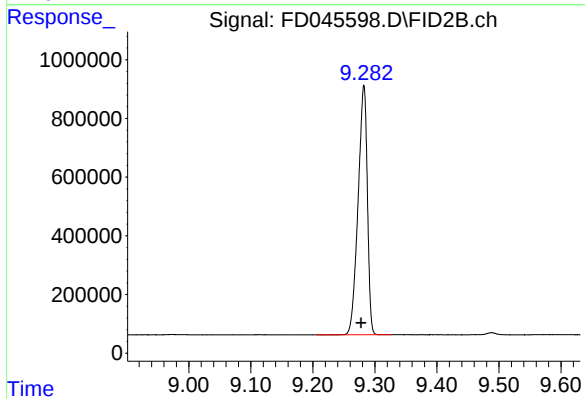
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min  
Delta R.T.: 0.002 min  
Response: 5389344  
Conc: 45.59 ug/ml



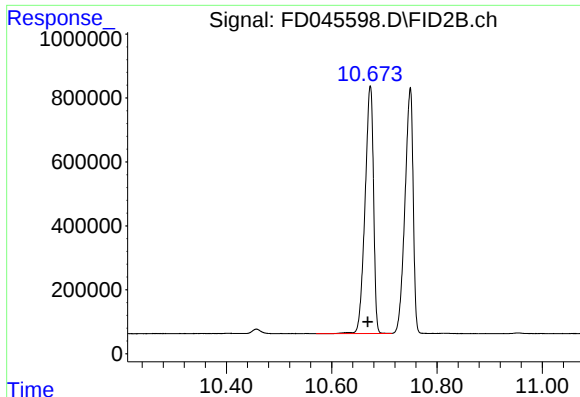
#7 Acenaphthene (C15.5)

R.T.: 8.503 min  
Delta R.T.: 0.003 min  
Response: 8922319  
Conc: 45.64 ug/ml



#8 Flouorene (C16.55)

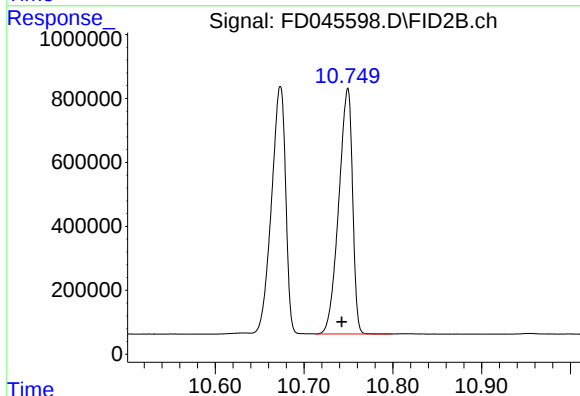
R.T.: 9.282 min  
Delta R.T.: 0.004 min  
Response: 8814157  
Conc: 45.44 ug/ml



#9 Phenanthrene (C19.36)

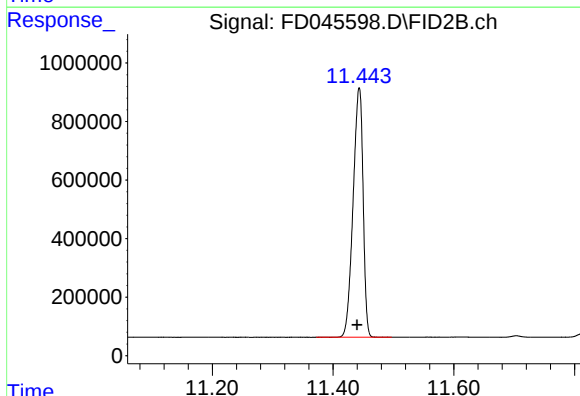
R.T.: 10.673 min  
Delta R.T.: 0.004 min  
Response: 8636644  
Conc: 45.50 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



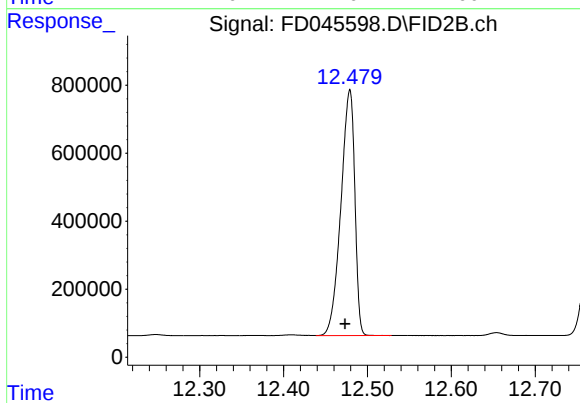
#10 Anthracene (C19.43)

R.T.: 10.749 min  
Delta R.T.: 0.006 min  
Response: 8283969  
Conc: 45.41 ug/ml



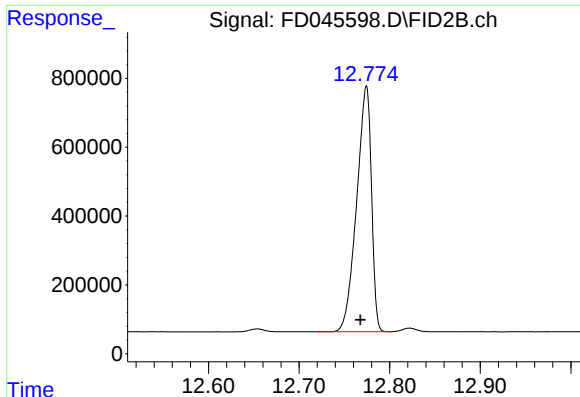
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min  
Delta R.T.: 0.003 min  
Response: 9784704  
Conc: 45.33 ug/ml



#12 Fluoranthene (C21.85)

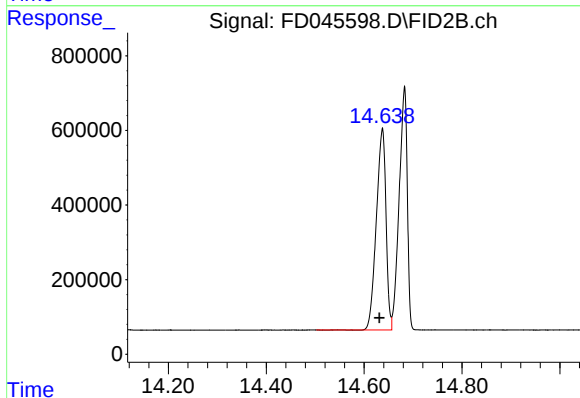
R.T.: 12.478 min  
Delta R.T.: 0.005 min  
Response: 8330515  
Conc: 45.42 ug/ml



#13 Pyrene (C20.8)

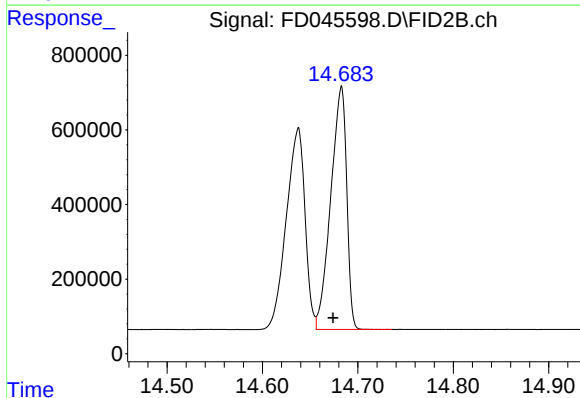
R.T.: 12.774 min  
Delta R.T.: 0.006 min  
Response: 8113301  
Conc: 45.29 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



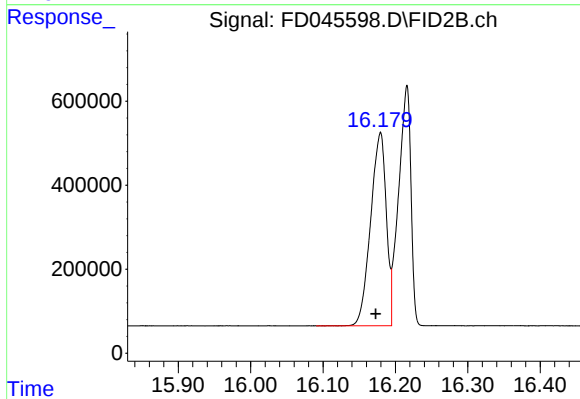
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min  
Delta R.T.: 0.005 min  
Response: 7381865  
Conc: 45.58 ug/ml



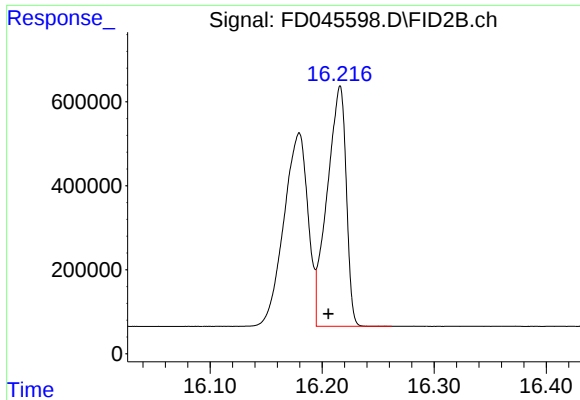
#15 Chrysene (C27.41)

R.T.: 14.682 min  
Delta R.T.: 0.008 min  
Response: 7516417  
Conc: 45.55 ug/ml



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

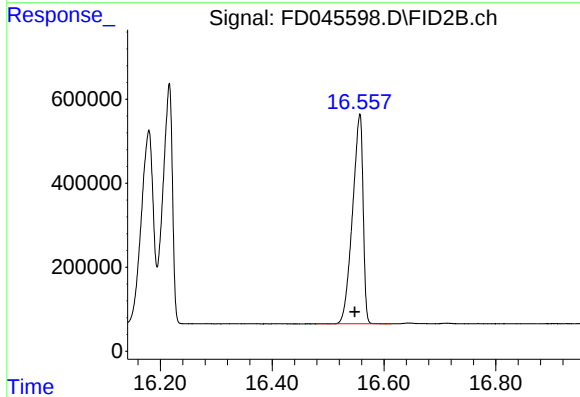
R.T.: 16.179 min  
Delta R.T.: 0.006 min  
Response: 6895881  
Conc: 46.21 ug/ml



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

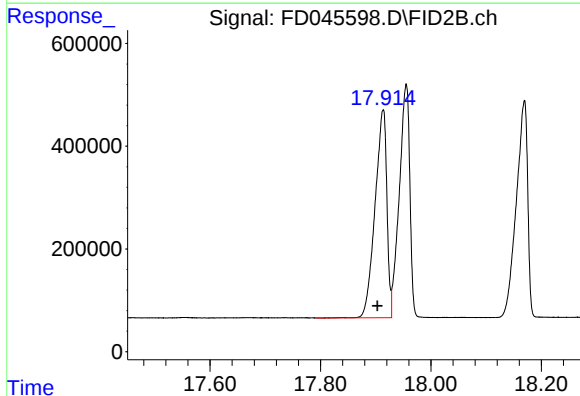
R.T.: 16.215 min  
Delta R.T.: 0.010 min  
Response: 6734728  
Conc: 45.80 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



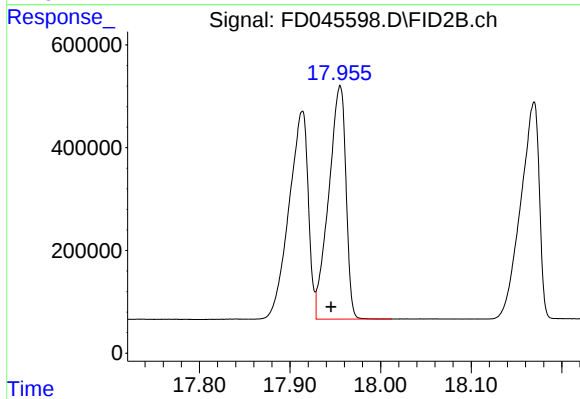
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min  
Delta R.T.: 0.008 min  
Response: 6540943  
Conc: 46.42 ug/ml



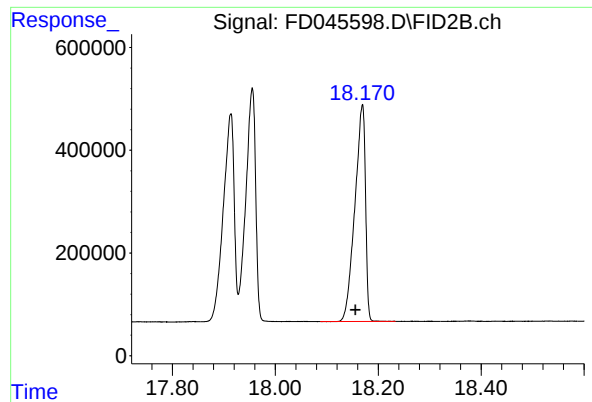
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min  
Delta R.T.: 0.010 min  
Response: 6010397  
Conc: 47.30 ug/ml



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

R.T.: 17.955 min  
Delta R.T.: 0.009 min  
Response: 6005654  
Conc: 46.47 ug/ml



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

R.T.: 18.168 min  
Delta R.T.: 0.013 min  
Response: 6033664  
Conc: 46.83 ug/ml

Instrument :

FID\_D

ClientSampleId :