

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050523AR\  
 Data File : FD045601.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 May 2023 17:07  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 05 18:06:10 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...      | 7.542  | 897014     | 5.117 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.23%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.397  | 596903     | 5.049 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 10.10%      |
| 11) S ortho-Terphenyl (SURR)       | 11.436 | 1116389    | 5.171 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.34%      |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.353  | 981063     | 5.124 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.882  | 1030723    | 5.099 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.930  | 1027977    | 5.066 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.201  | 918534     | 4.946 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.496  | 989847     | 5.063 ug/ml |
| 8) T Fluorene (C16.55)             | 9.274  | 977748     | 5.040 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.665 | 976005     | 5.142 ug/ml |
| 10) T Anthracene (C19.43)          | 10.738 | 944539     | 5.177 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.468 | 952670     | 5.194 ug/ml |
| 13) T Pyrene (C20.8)               | 12.762 | 919890     | 5.135 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.625 | 832391     | 5.139 ug/ml |
| 15) T Chrysene (C27.41)            | 14.666 | 852370     | 5.165 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.166 | 759381     | 5.089 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.196 | 752748     | 5.119 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.541 | 718240     | 5.097 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.895 | 642557     | 5.057 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.938 | 674621     | 5.220 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.146 | 664781     | 5.159 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

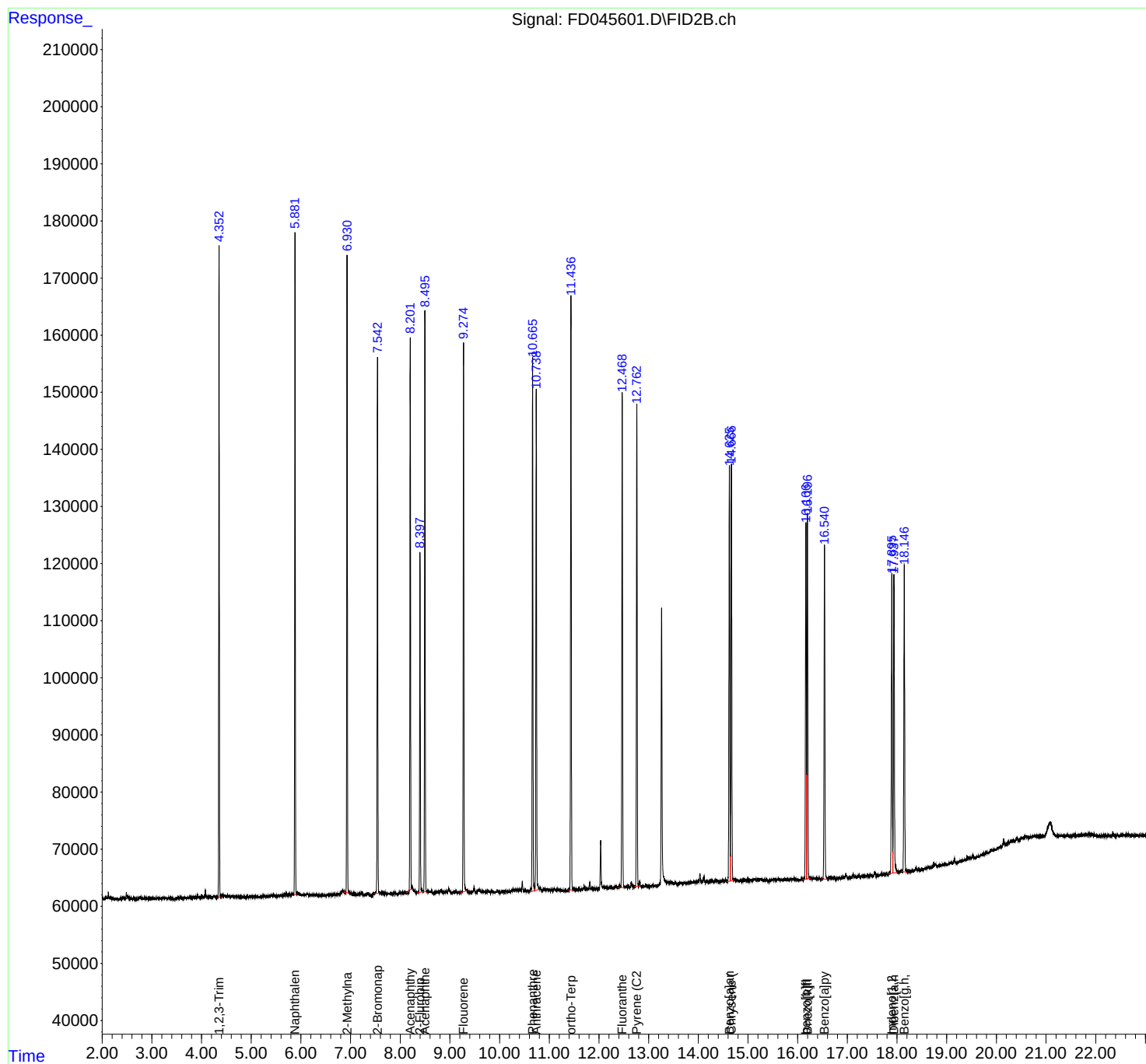
(m)=manual int.

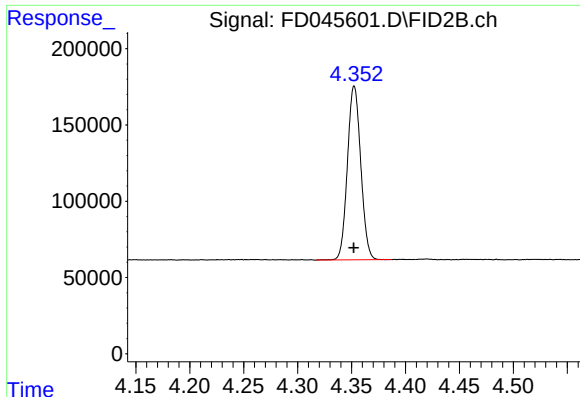
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050523AR\  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
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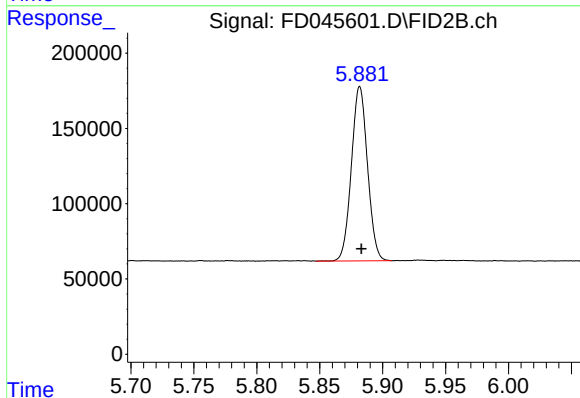




#1 1,2,3-Trimethylbenzene (C10.1)

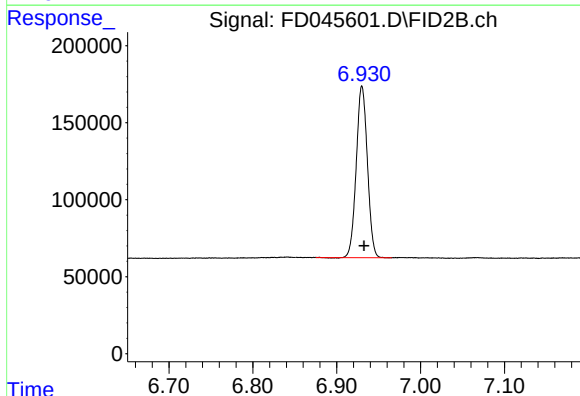
R.T.: 4.353 min  
Delta R.T.: 0.000 min  
Response: 981063  
Conc: 5.12 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



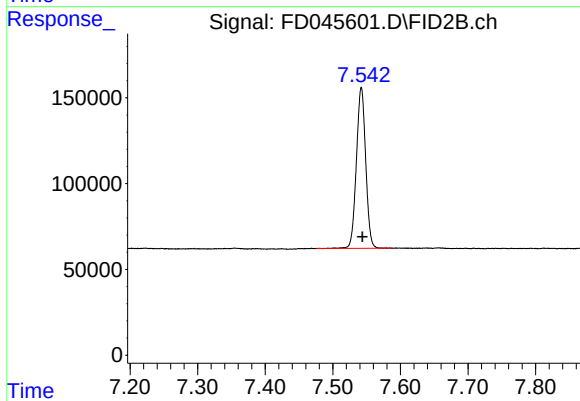
#2 Naphthalene (C11.7)

R.T.: 5.882 min  
Delta R.T.: -0.001 min  
Response: 1030723  
Conc: 5.10 ug/ml



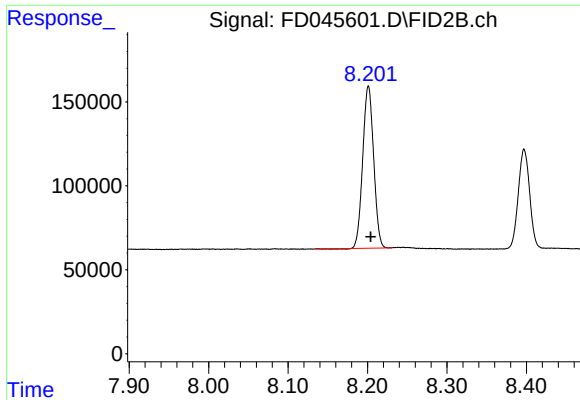
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min  
Delta R.T.: -0.002 min  
Response: 1027977  
Conc: 5.07 ug/ml



#4 2-Bromonaphthalene (SURR)

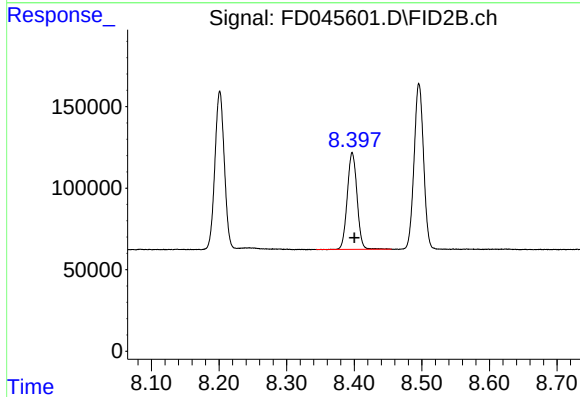
R.T.: 7.542 min  
Delta R.T.: -0.002 min  
Response: 897014  
Conc: 5.12 ug/ml



#5 Acenaphthylene (C15.06)

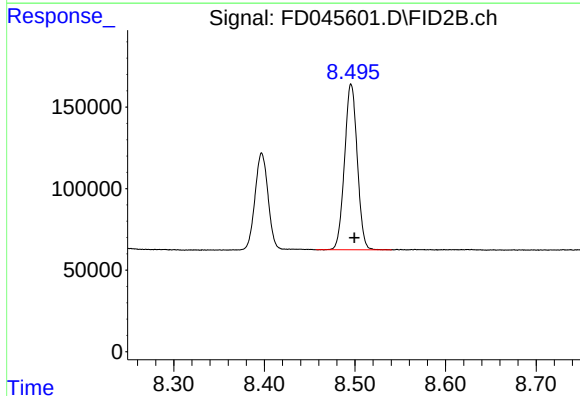
R.T.: 8.201 min  
Delta R.T.: -0.003 min  
Response: 918534  
Conc: 4.95 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



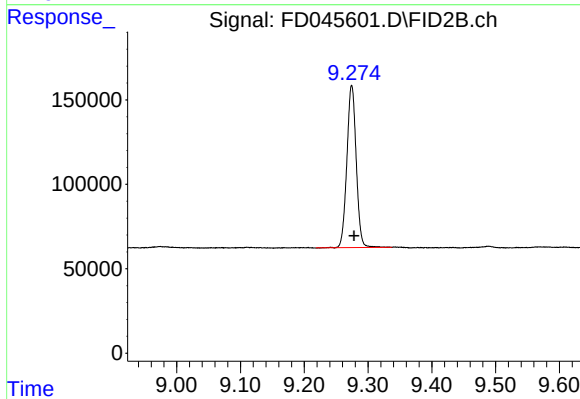
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min  
Delta R.T.: -0.003 min  
Response: 596903  
Conc: 5.05 ug/ml



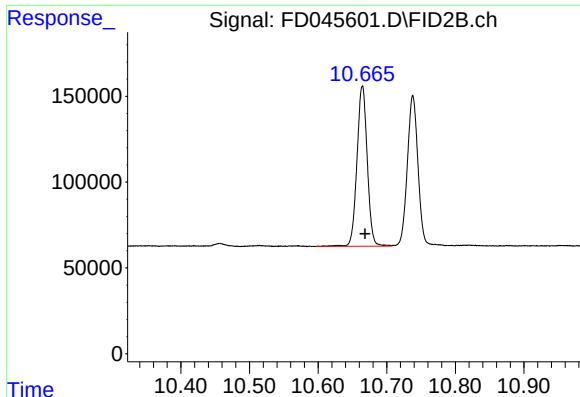
#7 Acenaphthene (C15.5)

R.T.: 8.496 min  
Delta R.T.: -0.004 min  
Response: 989847  
Conc: 5.06 ug/ml



#8 Flouorene (C16.55)

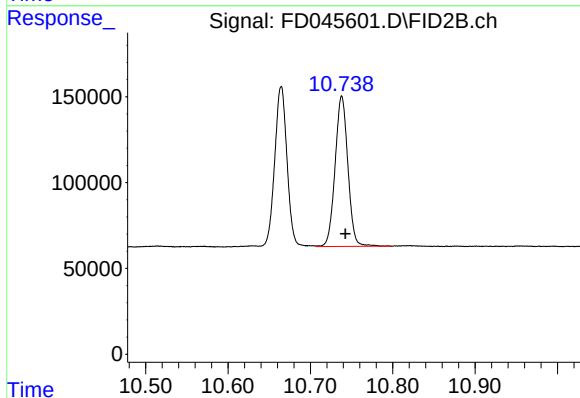
R.T.: 9.274 min  
Delta R.T.: -0.004 min  
Response: 977748  
Conc: 5.04 ug/ml



#9 Phenanthrene (C19.36)

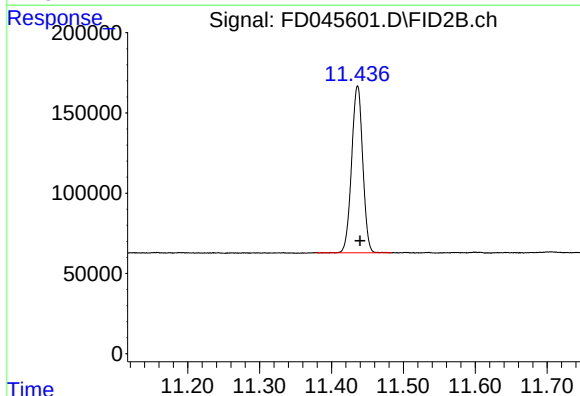
R.T.: 10.665 min  
Delta R.T.: -0.004 min  
Response: 976005  
Conc: 5.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



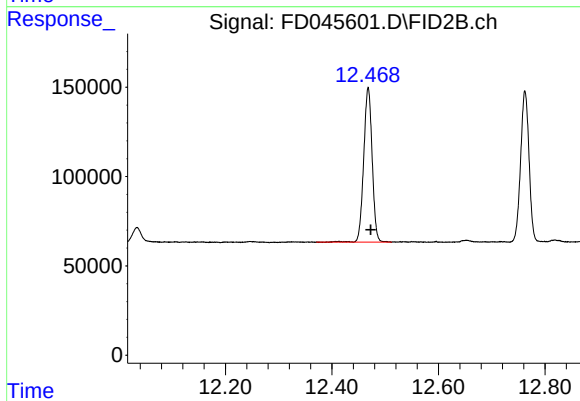
#10 Anthracene (C19.43)

R.T.: 10.738 min  
Delta R.T.: -0.004 min  
Response: 944539  
Conc: 5.18 ug/ml



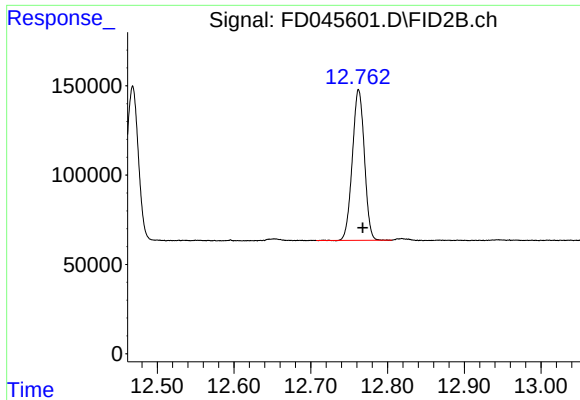
#11 ortho-Terphenyl (SURR)

R.T.: 11.436 min  
Delta R.T.: -0.004 min  
Response: 1116389  
Conc: 5.17 ug/ml



#12 Fluoranthene (C21.85)

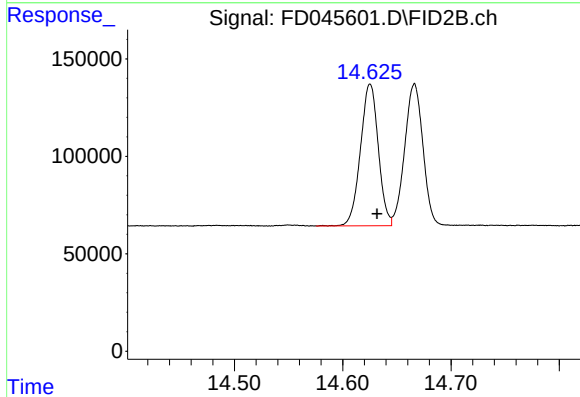
R.T.: 12.468 min  
Delta R.T.: -0.005 min  
Response: 952670  
Conc: 5.19 ug/ml



#13 Pyrene (C20.8)

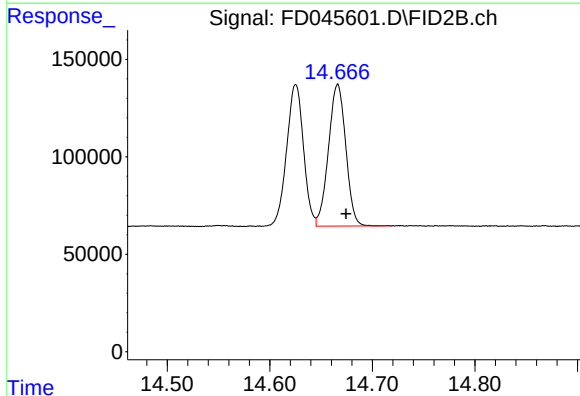
R.T.: 12.762 min  
Delta R.T.: -0.005 min  
Response: 919890  
Conc: 5.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



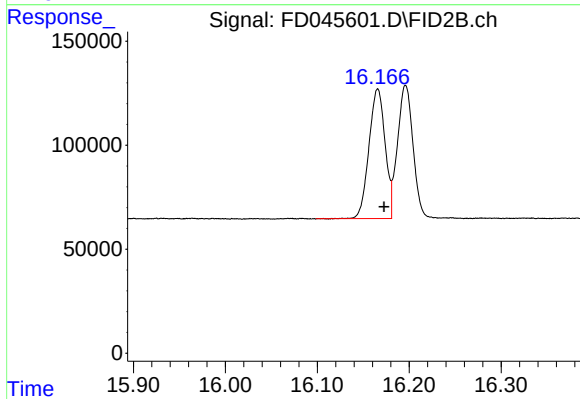
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min  
Delta R.T.: -0.006 min  
Response: 832391  
Conc: 5.14 ug/ml



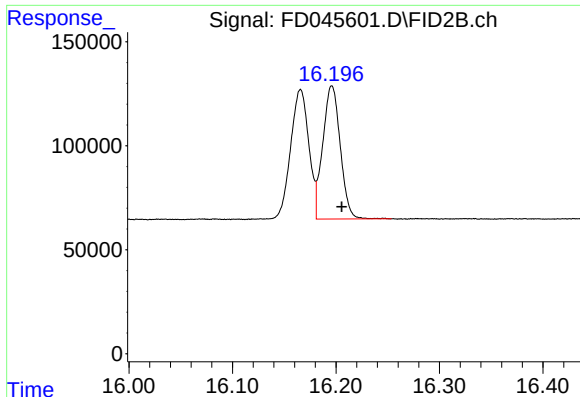
#15 Chrysene (C27.41)

R.T.: 14.666 min  
Delta R.T.: -0.008 min  
Response: 852370  
Conc: 5.17 ug/ml



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

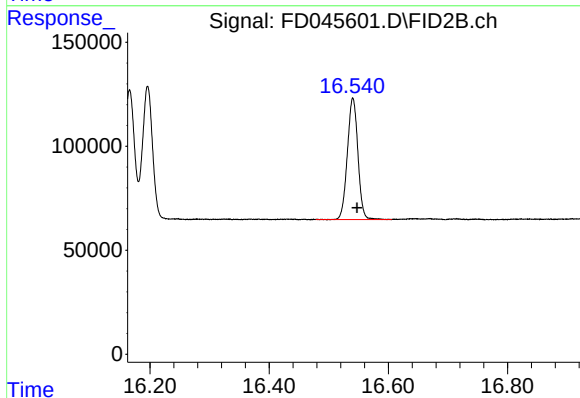
R.T.: 16.166 min  
Delta R.T.: -0.007 min  
Response: 759381  
Conc: 5.09 ug/ml



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

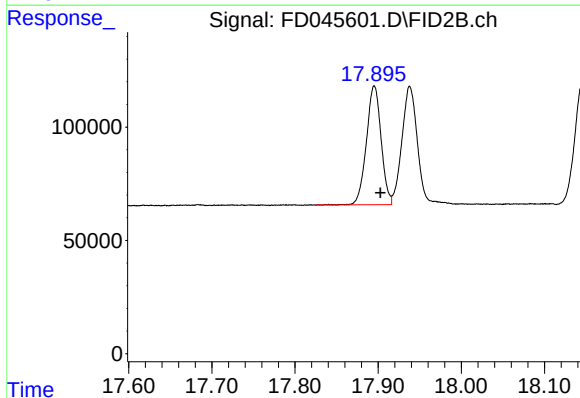
R.T.: 16.196 min  
Delta R.T.: -0.009 min  
Response: 752748  
Conc: 5.12 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



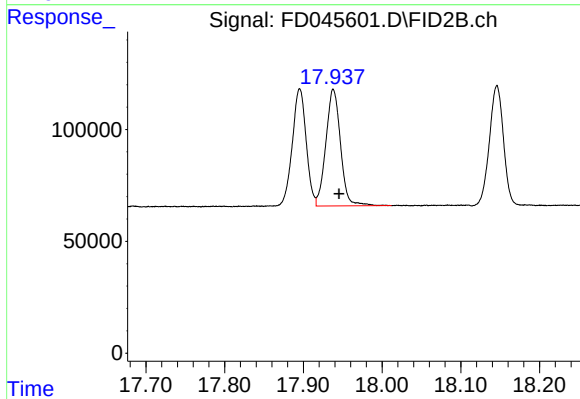
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.541 min  
Delta R.T.: -0.007 min  
Response: 718240  
Conc: 5.10 ug/ml



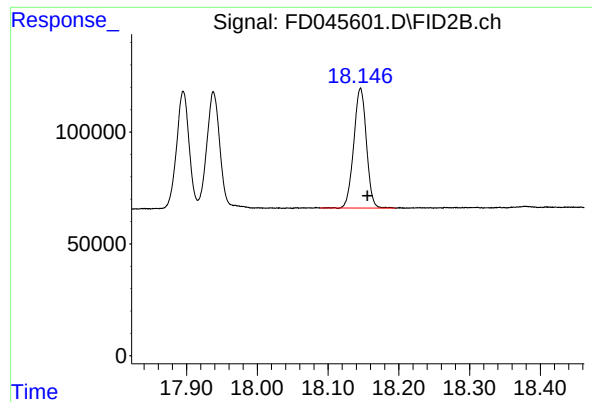
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.895 min  
Delta R.T.: -0.007 min  
Response: 642557  
Conc: 5.06 ug/ml



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

R.T.: 17.938 min  
Delta R.T.: -0.007 min  
Response: 674621  
Conc: 5.22 ug/ml



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

R.T.: 18.146 min  
Delta R.T.: -0.010 min  
Response: 664781  
Conc: 5.16 ug/ml

Instrument :

FID\_D

ClientSampleId :