

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042924AR\  
 Data File : FD047611.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Apr 2024 16:39  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 29 17:12:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 17:12:06 2024  
 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...      | 7.458  | 783129     | 4.994 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 9.99%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.312  | 501955     | 4.799 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 9.60%       |
| 11) S ortho-Terphenyl (SURR)       | 11.350 | 974470     | 5.196 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.39%      |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.269  | 803145     | 4.968 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.797  | 830839     | 4.910 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.846  | 816867     | 4.817 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.116  | 885105     | 5.435 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.409  | 829435     | 4.934 ug/ml |
| 8) T Flouorene (C16.55)            | 9.189  | 822151     | 4.942 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.578 | 797414     | 4.871 ug/ml |
| 10) T Anthracene (C19.43)          | 10.653 | 735243     | 4.909 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.383 | 825266     | 4.973 ug/ml |
| 13) T Pyrene (C20.8)               | 12.678 | 822461     | 5.055 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.546 | 695106     | 4.762 ug/ml |
| 15) T Chrysene (C27.41)            | 14.587 | 787899     | 5.000 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.091 | 721138     | 4.828 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.122 | 759334     | 5.044 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.469 | 696930     | 4.830 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.830 | 620760     | 4.574 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.872 | 750799     | 5.244 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.080 | 652153     | 4.750 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

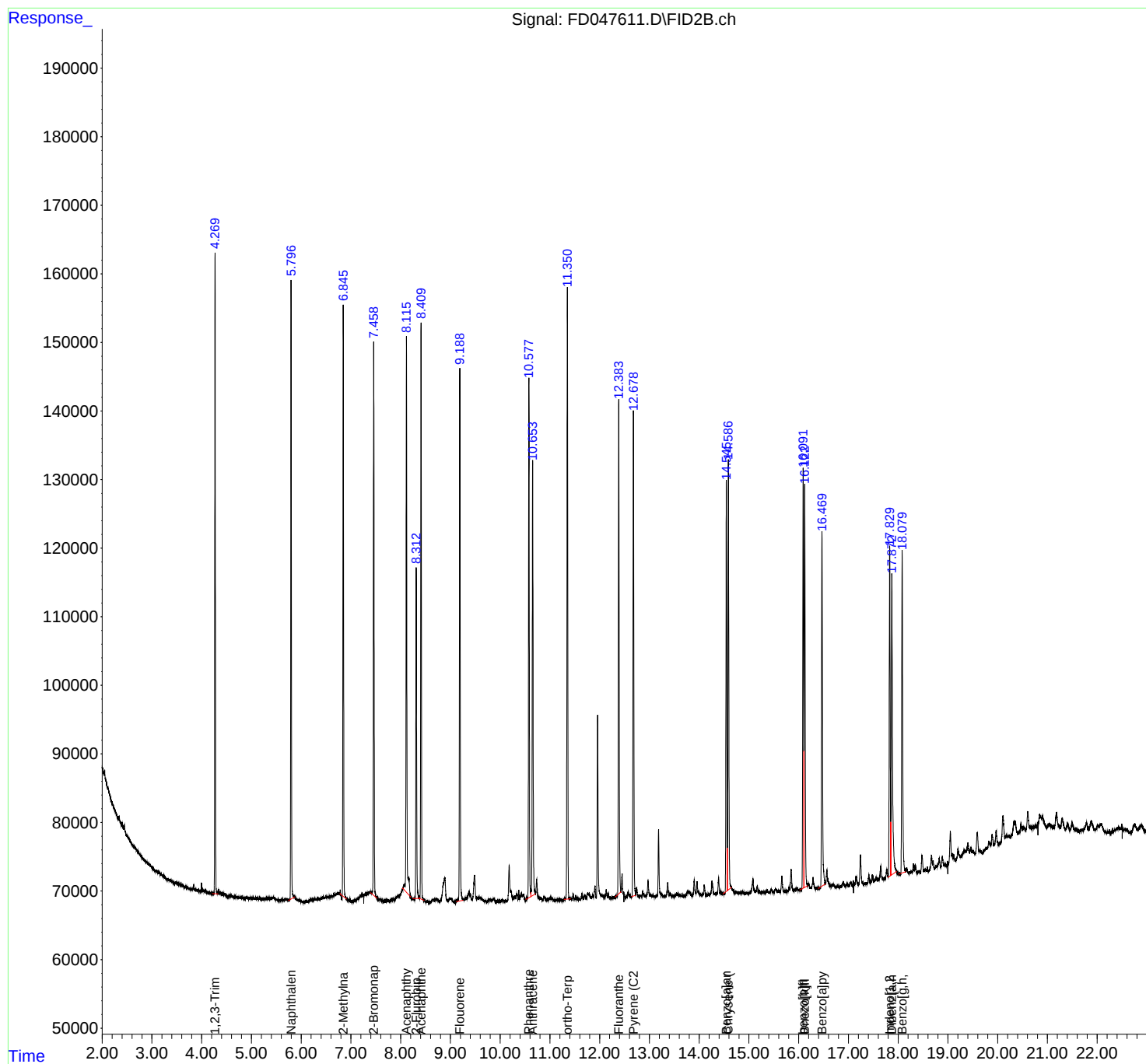
(m)=manual int.

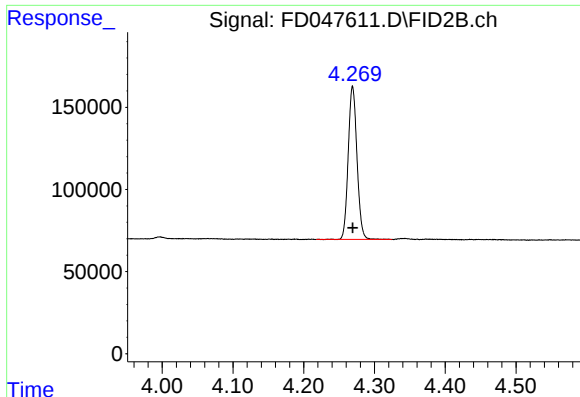
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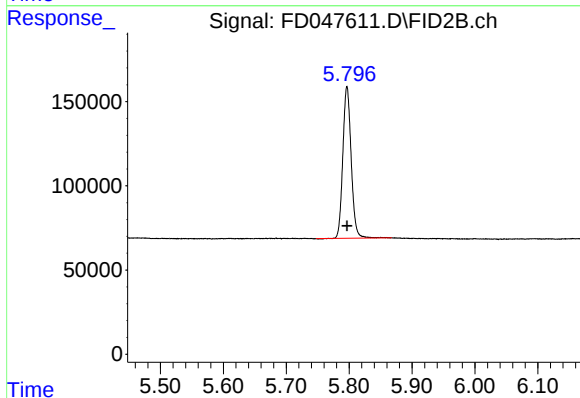




#1 1,2,3-Trimethylbenzene (C10.1)

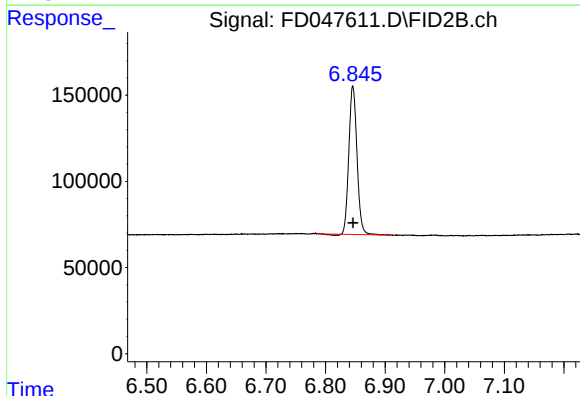
R.T.: 4.269 min  
Delta R.T.: 0.000 min  
Response: 803145  
Conc: 4.97 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



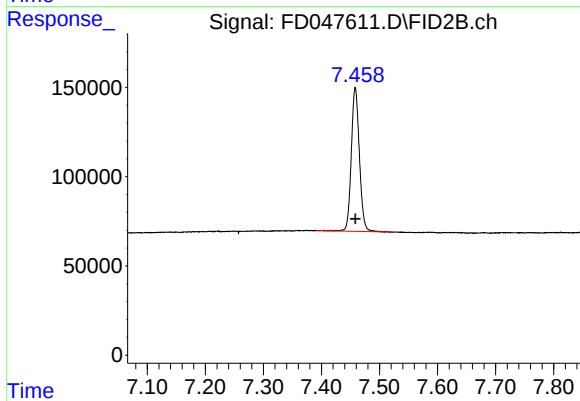
#2 Naphthalene (C11.7)

R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 830839  
Conc: 4.91 ug/ml



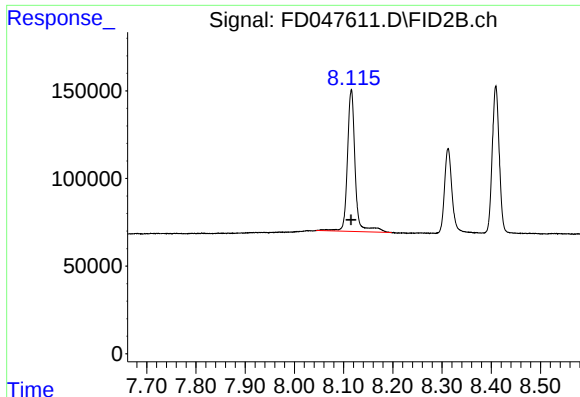
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min  
Delta R.T.: 0.000 min  
Response: 816867  
Conc: 4.82 ug/ml



#4 2-Bromonaphthalene (SURR)

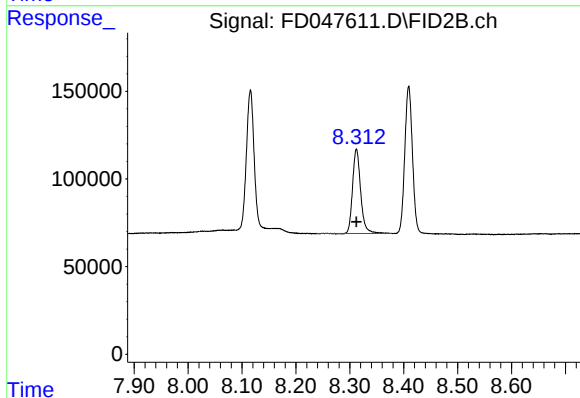
R.T.: 7.458 min  
Delta R.T.: 0.000 min  
Response: 783129  
Conc: 4.99 ug/ml



#5 Acenaphthylene (C15.06)

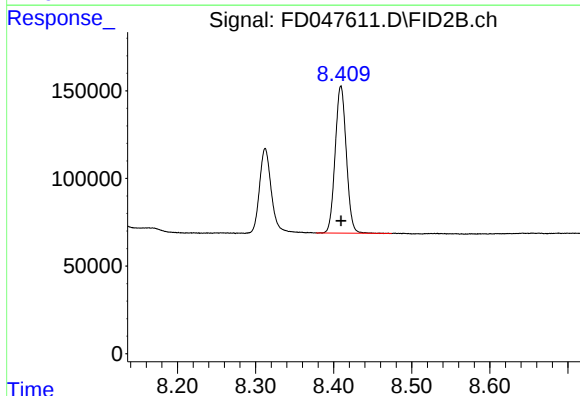
R.T.: 8.116 min  
Delta R.T.: 0.000 min  
Response: 885105  
Conc: 5.43 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



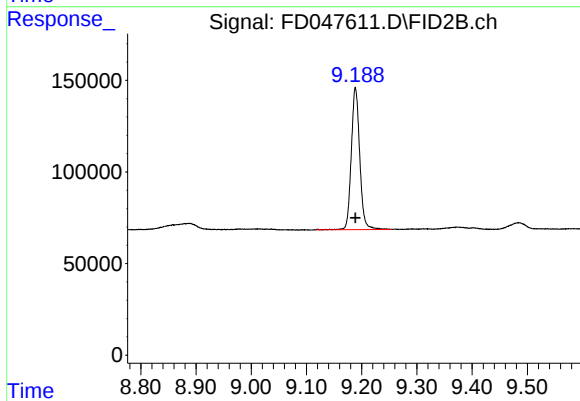
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.312 min  
Delta R.T.: 0.000 min  
Response: 501955  
Conc: 4.80 ug/ml



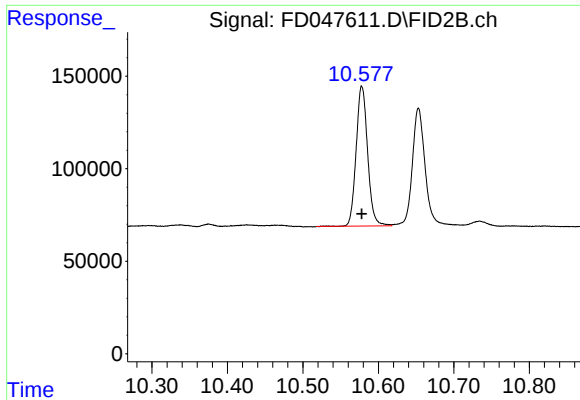
#7 Acenaphthene (C15.5)

R.T.: 8.409 min  
Delta R.T.: 0.000 min  
Response: 829435  
Conc: 4.93 ug/ml



#8 Fluorene (C16.55)

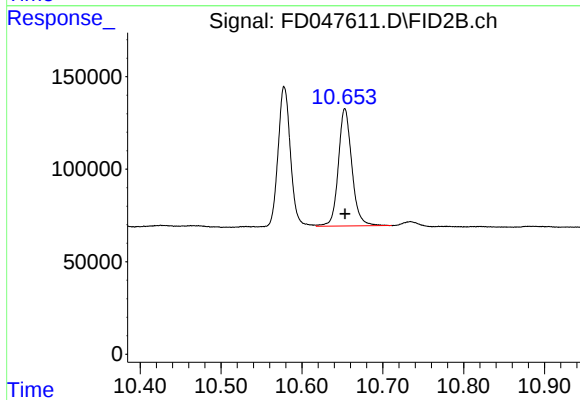
R.T.: 9.189 min  
Delta R.T.: 0.000 min  
Response: 822151  
Conc: 4.94 ug/ml



#9 Phenanthrene (C19.36)

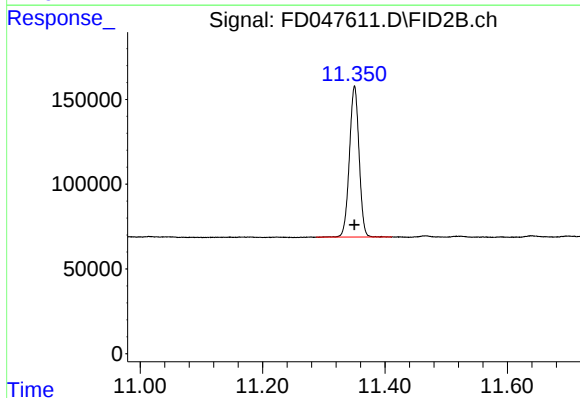
R.T.: 10.578 min  
Delta R.T.: 0.000 min  
Response: 797414  
Conc: 4.87 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



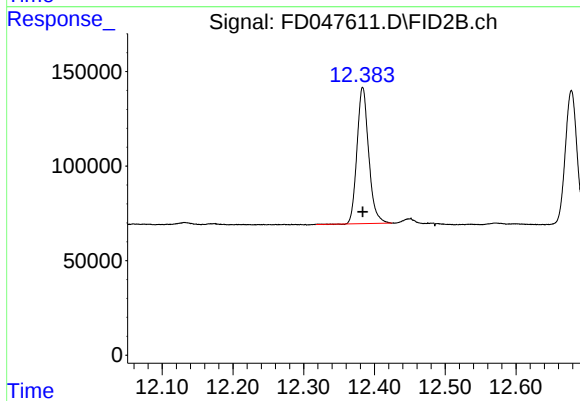
#10 Anthracene (C19.43)

R.T.: 10.653 min  
Delta R.T.: 0.000 min  
Response: 735243  
Conc: 4.91 ug/ml



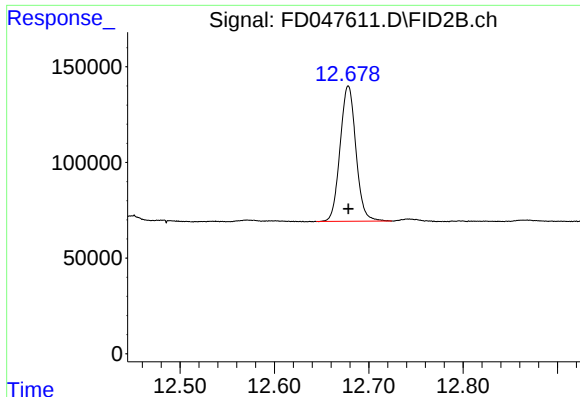
#11 ortho-Terphenyl (SURR)

R.T.: 11.350 min  
Delta R.T.: 0.000 min  
Response: 974470  
Conc: 5.20 ug/ml



#12 Fluoranthene (C21.85)

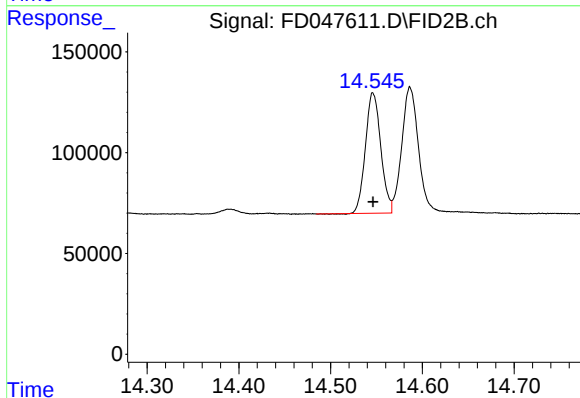
R.T.: 12.383 min  
Delta R.T.: 0.000 min  
Response: 825266  
Conc: 4.97 ug/ml



#13 Pyrene (C20.8)

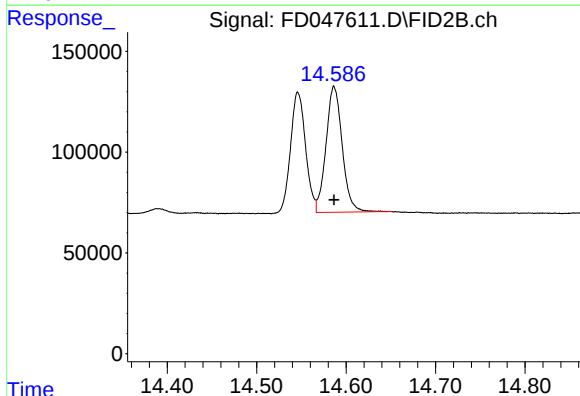
R.T.: 12.678 min  
Delta R.T.: 0.000 min  
Response: 822461  
Conc: 5.05 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



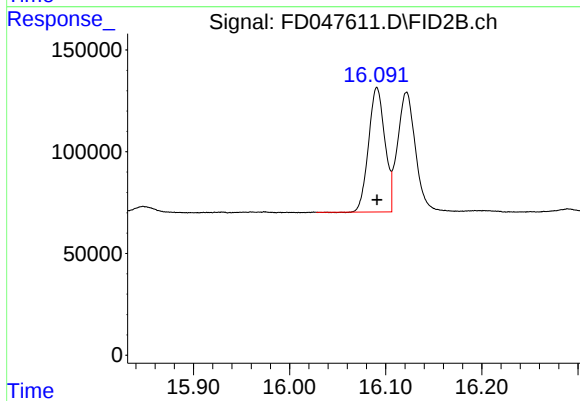
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min  
Delta R.T.: 0.000 min  
Response: 695106  
Conc: 4.76 ug/ml



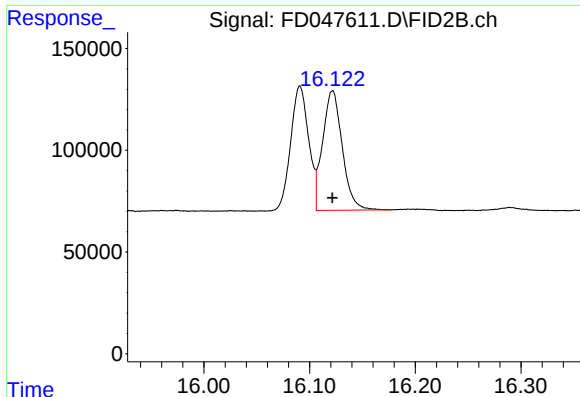
#15 Chrysene (C27.41)

R.T.: 14.587 min  
Delta R.T.: 0.000 min  
Response: 787899  
Conc: 5.00 ug/ml



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

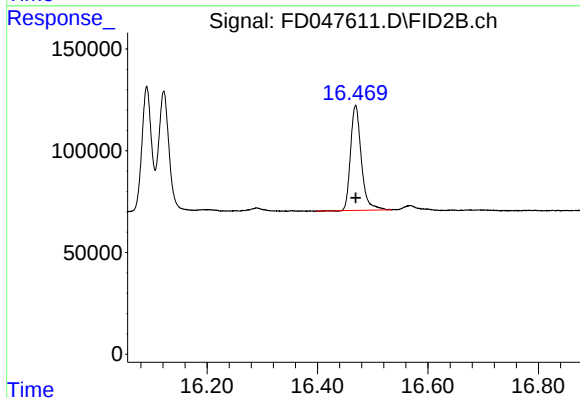
R.T.: 16.091 min  
Delta R.T.: 0.000 min  
Response: 721138  
Conc: 4.83 ug/ml



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

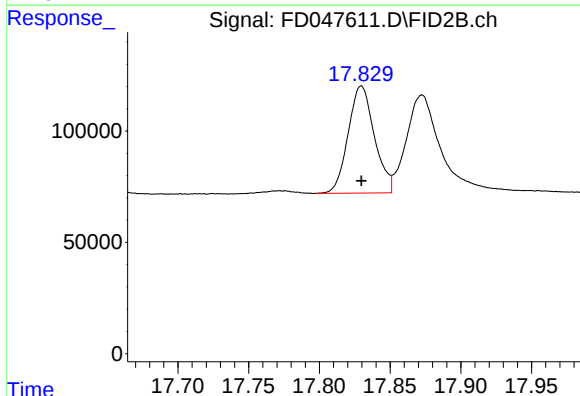
R.T.: 16.122 min  
Delta R.T.: 0.000 min  
Response: 759334  
Conc: 5.04 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



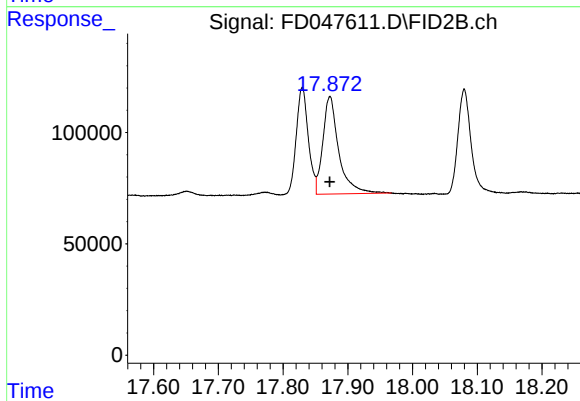
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min  
Delta R.T.: 0.000 min  
Response: 696930  
Conc: 4.83 ug/ml



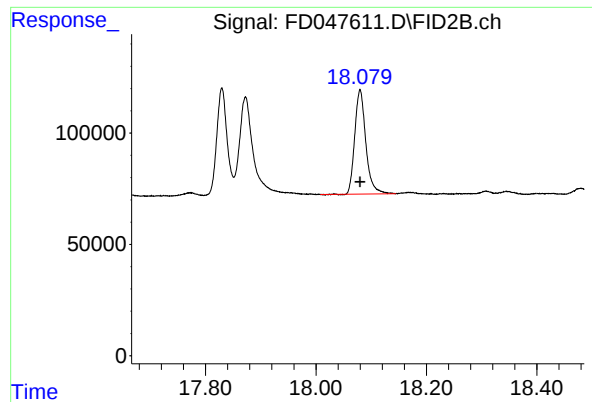
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min  
Delta R.T.: 0.000 min  
Response: 620760  
Conc: 4.57 ug/ml



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

R.T.: 17.872 min  
Delta R.T.: 0.000 min  
Response: 750799  
Conc: 5.24 ug/ml



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

R.T.: 18.080 min  
Delta R.T.: 0.000 min  
Response: 652153  
Conc: 4.75 ug/ml

Instrument :

FID\_D

ClientSampleId :