

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061623AR\  
 Data File : FD045860.D  
 Signal(s) : FID2B.ch  
 Acq On : 17 Jun 2023 03:27  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 17 04:11:07 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:44:25 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...      | 7.525  | 3464811    | 19.218 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.44%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.381  | 2284691    | 19.003 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.01%       |
| 11) S ortho-Terphenyl (SURR)       | 11.420 | 4195429    | 18.783 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 37.57%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.336  | 3914280    | 19.389 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.865  | 4046369    | 19.096 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.914  | 4034675    | 19.103 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.185  | 3618860    | 19.101 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.481  | 3858391    | 19.084 ug/ml |
| 8) T Fluorene (C16.55)             | 9.259  | 3737651    | 18.864 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.650 | 3566429    | 18.642 ug/ml |
| 10) T Anthracene (C19.43)          | 10.724 | 3201567    | 18.794 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.453 | 3374143    | 18.263 ug/ml |
| 13) T Pyrene (C20.8)               | 12.748 | 3273945    | 18.331 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.612 | 2917182    | 18.632 ug/ml |
| 15) T Chrysene (C27.41)            | 14.655 | 3067646    | 18.594 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.156 | 2972929    | 19.643 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.187 | 2911522    | 18.806 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.530 | 2890734    | 19.767 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.888 | 2849290    | 19.454 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.930 | 2926396    | 19.507 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.141 | 2951786    | 20.005 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

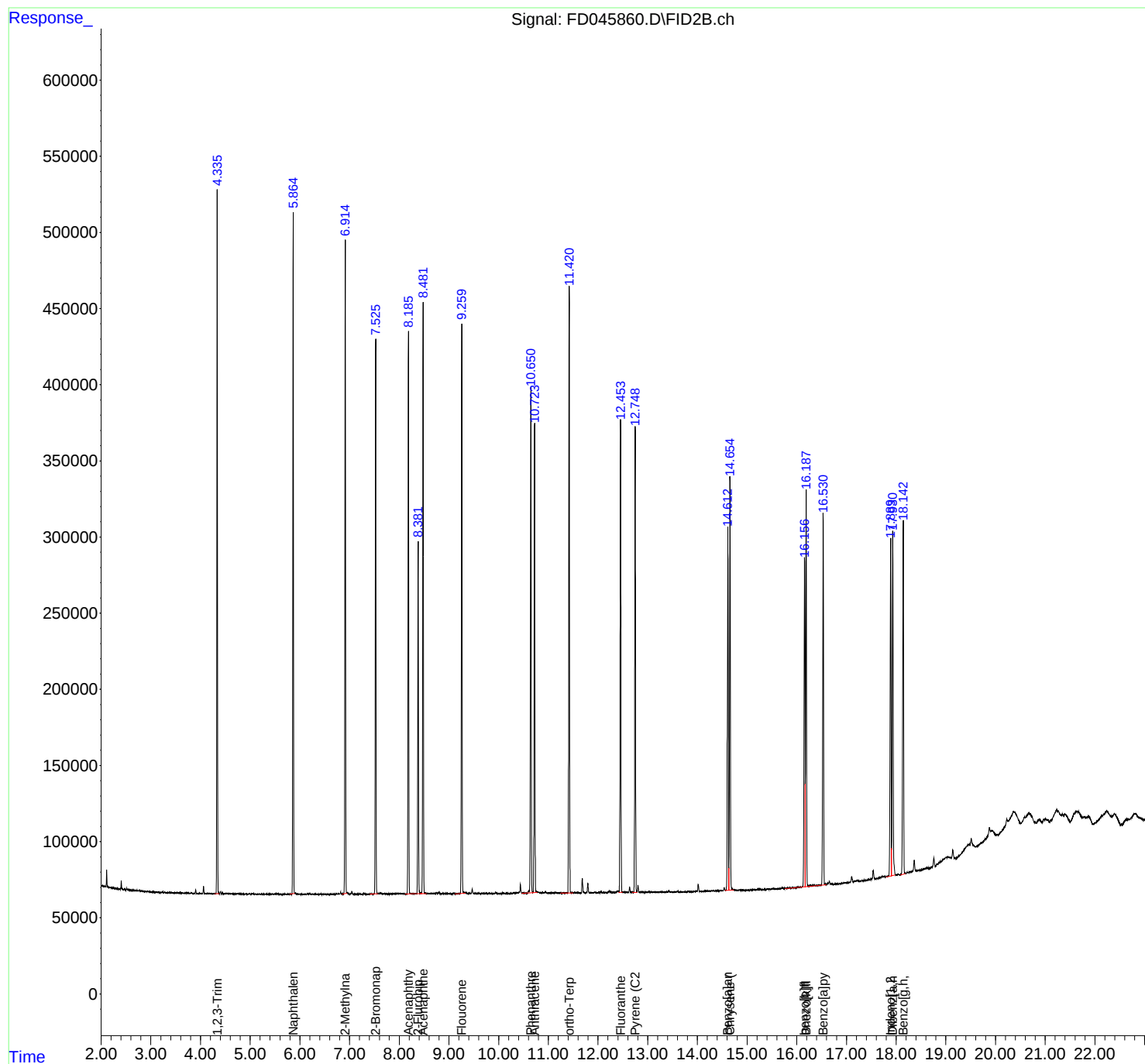
(m)=manual int.

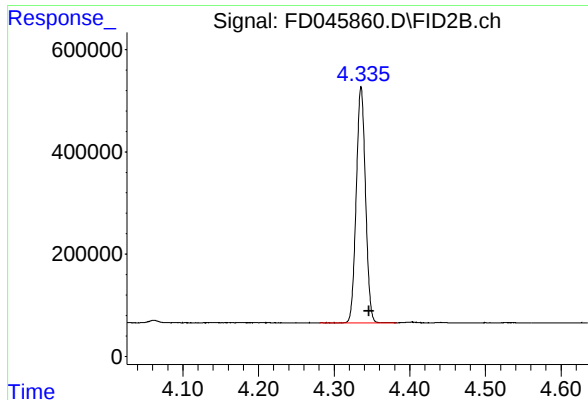
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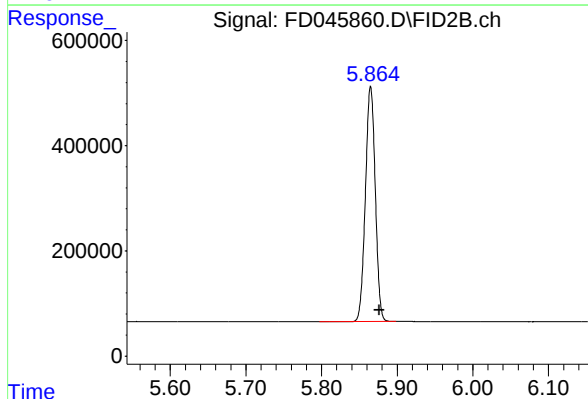




#1 1,2,3-Trimethylbenzene (C10.1)

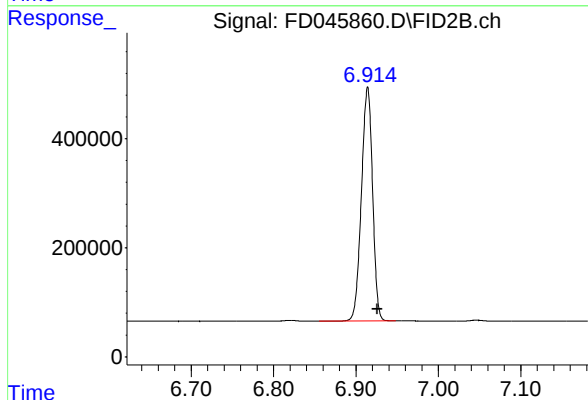
R.T.: 4.336 min  
Delta R.T.: -0.010 min  
Response: 3914280  
Conc: 19.39 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



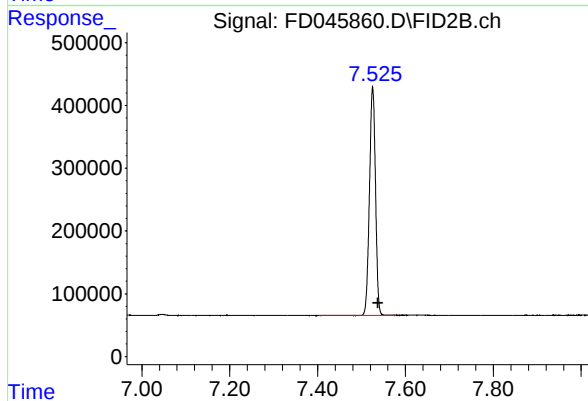
#2 Naphthalene (C11.7)

R.T.: 5.865 min  
Delta R.T.: -0.012 min  
Response: 4046369  
Conc: 19.10 ug/ml



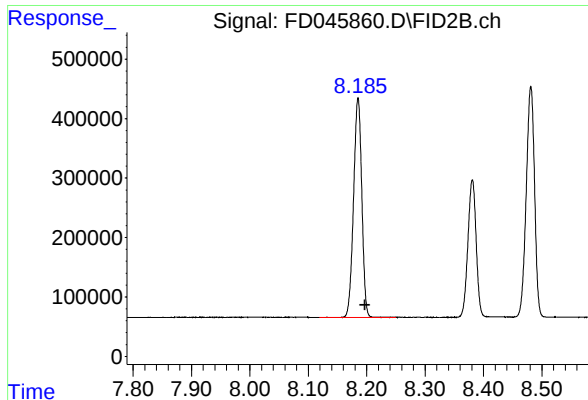
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.914 min  
Delta R.T.: -0.012 min  
Response: 4034675  
Conc: 19.10 ug/ml



#4 2-Bromonaphthalene (SURR)

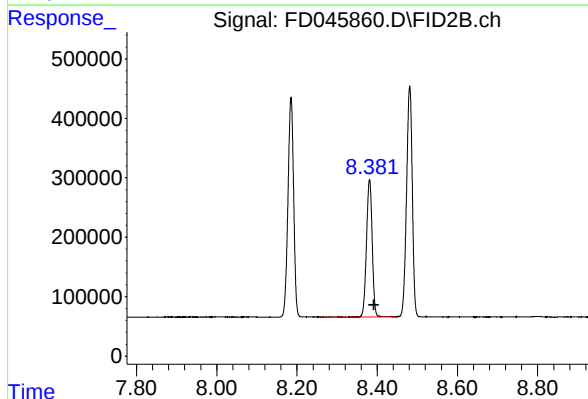
R.T.: 7.525 min  
Delta R.T.: -0.012 min  
Response: 3464811  
Conc: 19.22 ug/ml



#5 Acenaphthylene (C15.06)

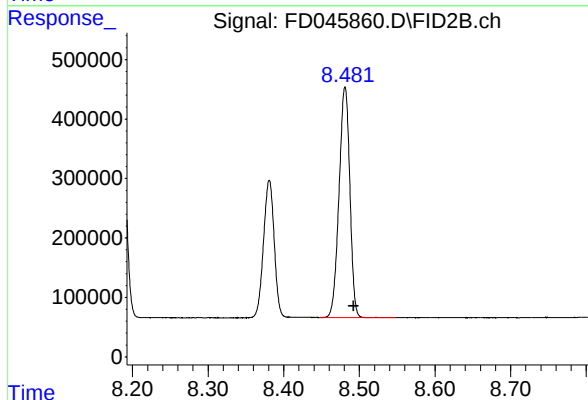
R.T.: 8.185 min  
Delta R.T.: -0.012 min  
Response: 3618860  
Conc: 19.10 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



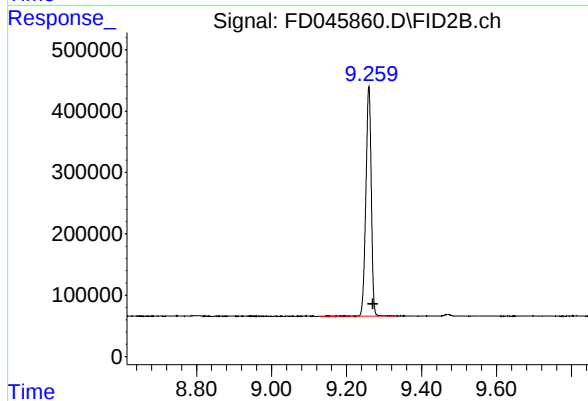
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.381 min  
Delta R.T.: -0.012 min  
Response: 2284691  
Conc: 19.00 ug/ml



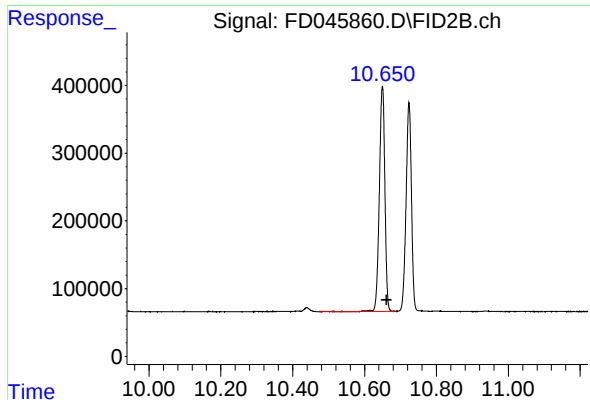
#7 Acenaphthene (C15.5)

R.T.: 8.481 min  
Delta R.T.: -0.011 min  
Response: 3858391  
Conc: 19.08 ug/ml



#8 Flouorene (C16.55)

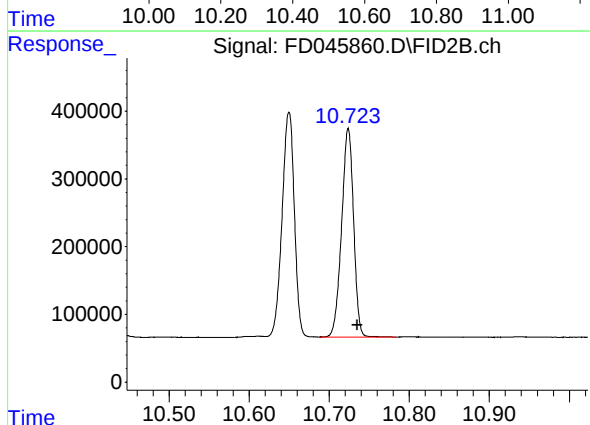
R.T.: 9.259 min  
Delta R.T.: -0.011 min  
Response: 3737651  
Conc: 18.86 ug/ml



#9 Phenanthrene (C19.36)

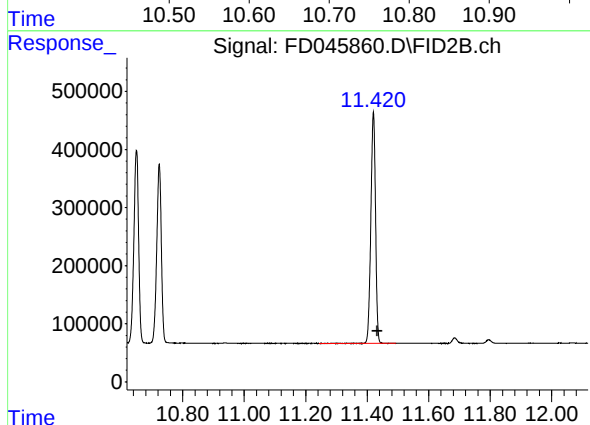
R.T.: 10.650 min  
Delta R.T.: -0.011 min  
Response: 3566429  
Conc: 18.64 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



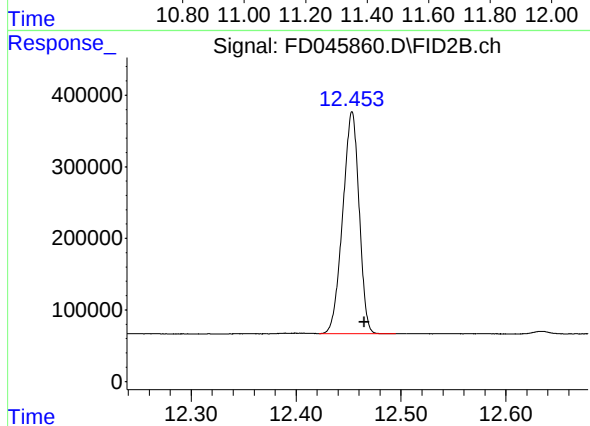
#10 Anthracene (C19.43)

R.T.: 10.724 min  
Delta R.T.: -0.012 min  
Response: 3201567  
Conc: 18.79 ug/ml



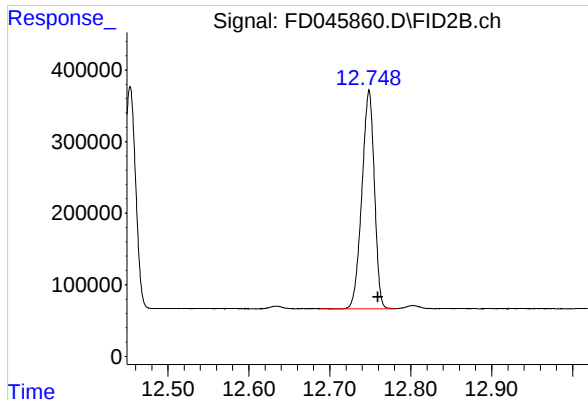
#11 ortho-Terphenyl (SURR)

R.T.: 11.420 min  
Delta R.T.: -0.012 min  
Response: 4195429  
Conc: 18.78 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.453 min  
Delta R.T.: -0.012 min  
Response: 3374143  
Conc: 18.26 ug/ml



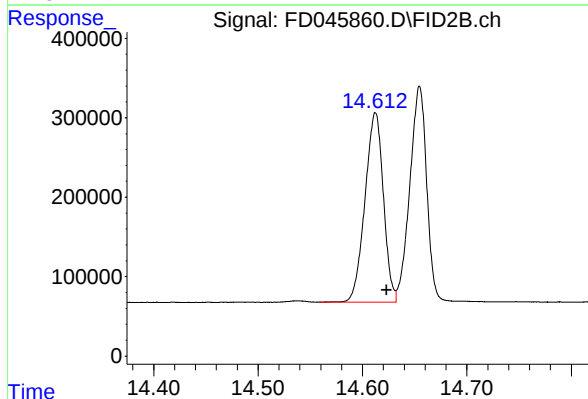
#13 Pyrene (C20.8)

R.T.: 12.748 min  
Delta R.T.: -0.011 min  
Response: 3273945  
Conc: 18.33 ug/ml

Instrument :

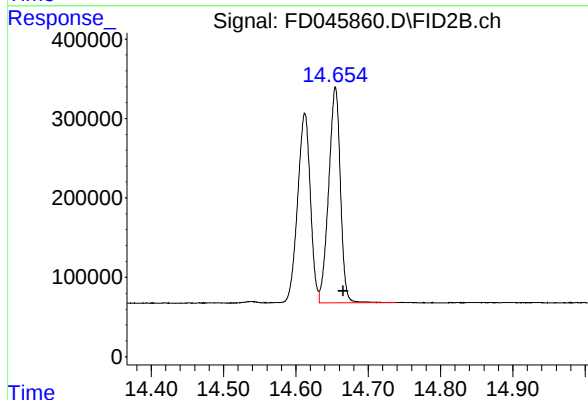
FID\_D

ClientSampleId :



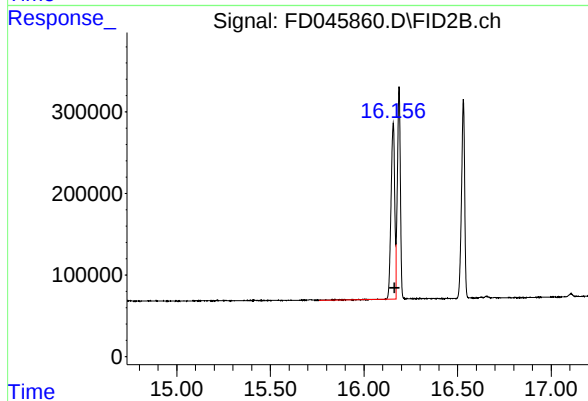
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.612 min  
Delta R.T.: -0.011 min  
Response: 2917182  
Conc: 18.63 ug/ml



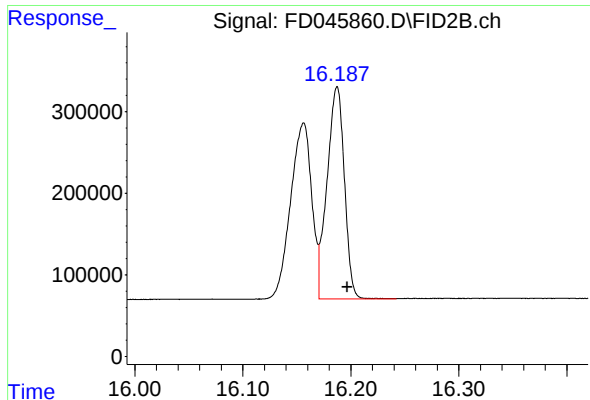
#15 Chrysene (C27.41)

R.T.: 14.655 min  
Delta R.T.: -0.011 min  
Response: 3067646  
Conc: 18.59 ug/ml



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

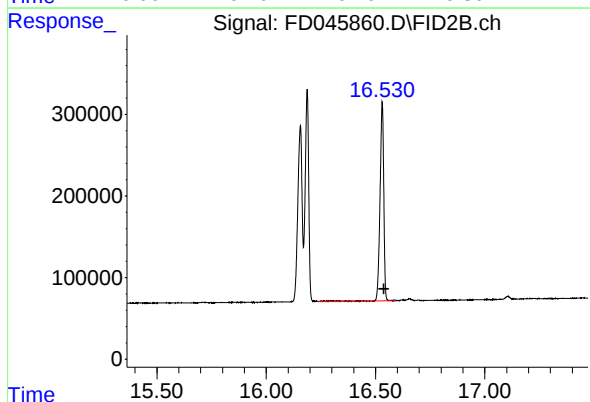
R.T.: 16.156 min  
Delta R.T.: -0.009 min  
Response: 2972929  
Conc: 19.64 ug/ml



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

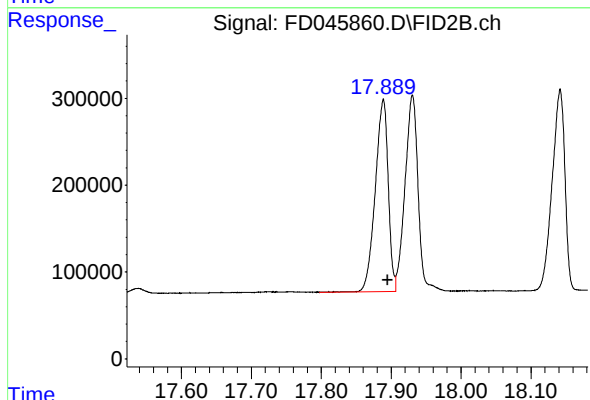
R.T.: 16.187 min  
Delta R.T.: -0.010 min  
Response: 2911522  
Conc: 18.81 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



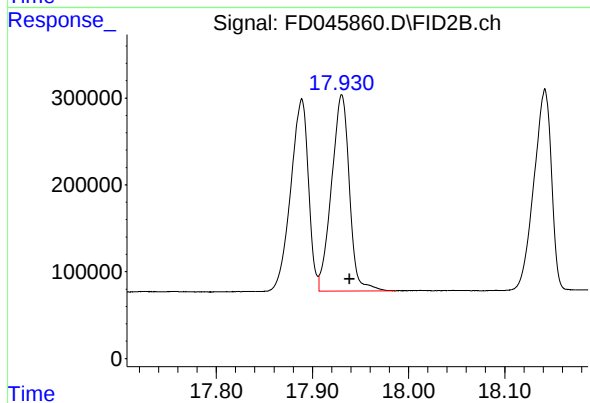
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.530 min  
Delta R.T.: -0.009 min  
Response: 2890734  
Conc: 19.77 ug/ml



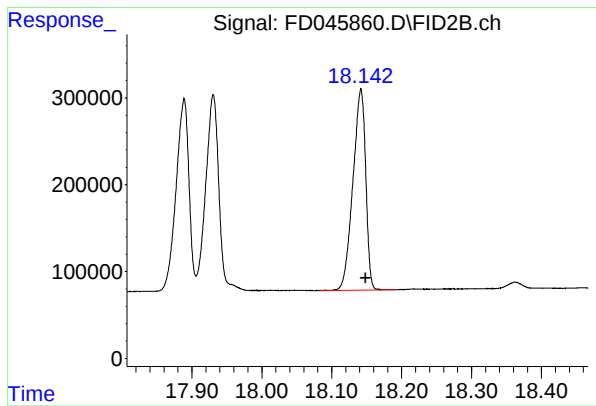
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.888 min  
Delta R.T.: -0.007 min  
Response: 2849290  
Conc: 19.45 ug/ml



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

R.T.: 17.930 min  
Delta R.T.: -0.009 min  
Response: 2926396  
Conc: 19.51 ug/ml



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

R.T.: 18.141 min  
Delta R.T.: -0.008 min  
Response: 2951786  
Conc: 20.00 ug/ml

Instrument :

FID\_D

ClientSampleId :