

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062623AR\  
 Data File : FD045978.D  
 Signal(s) : FID2B.ch  
 Acq On : 27 Jun 2023 00:16  
 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 27 02:48:31 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062423.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jun 25 04:38:13 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...      | 7.518  | 4072500    | 18.898 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 37.80%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.373  | 2608213    | 18.845 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 37.69%       |
| 11) S ortho-Terphenyl (SURR)       | 11.412 | 4793376    | 18.907 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 37.81%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.328  | 4711167    | 18.912 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.857  | 4816585    | 18.880 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.906  | 4762919    | 18.893 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.177  | 4131264    | 19.021 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.473  | 4456999    | 18.908 ug/ml |
| 8) T Fluorene (C16.55)             | 9.251  | 4272435    | 18.883 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.641 | 3990985    | 18.704 ug/ml |
| 10) T Anthracene (C19.43)          | 10.714 | 3060386    | 19.261 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.444 | 3776041    | 18.451 ug/ml |
| 13) T Pyrene (C20.8)               | 12.739 | 3650335    | 18.774 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.603 | 3317036    | 18.444 ug/ml |
| 15) T Chrysene (C27.41)            | 14.646 | 3527294    | 17.971 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.146 | 3538236    | 18.865 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.178 | 3527656    | 17.834 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.520 | 3392184    | 19.469 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.878 | 3521467    | 18.922 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.920 | 3842372    | 20.899 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.132 | 3556090    | 19.032 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

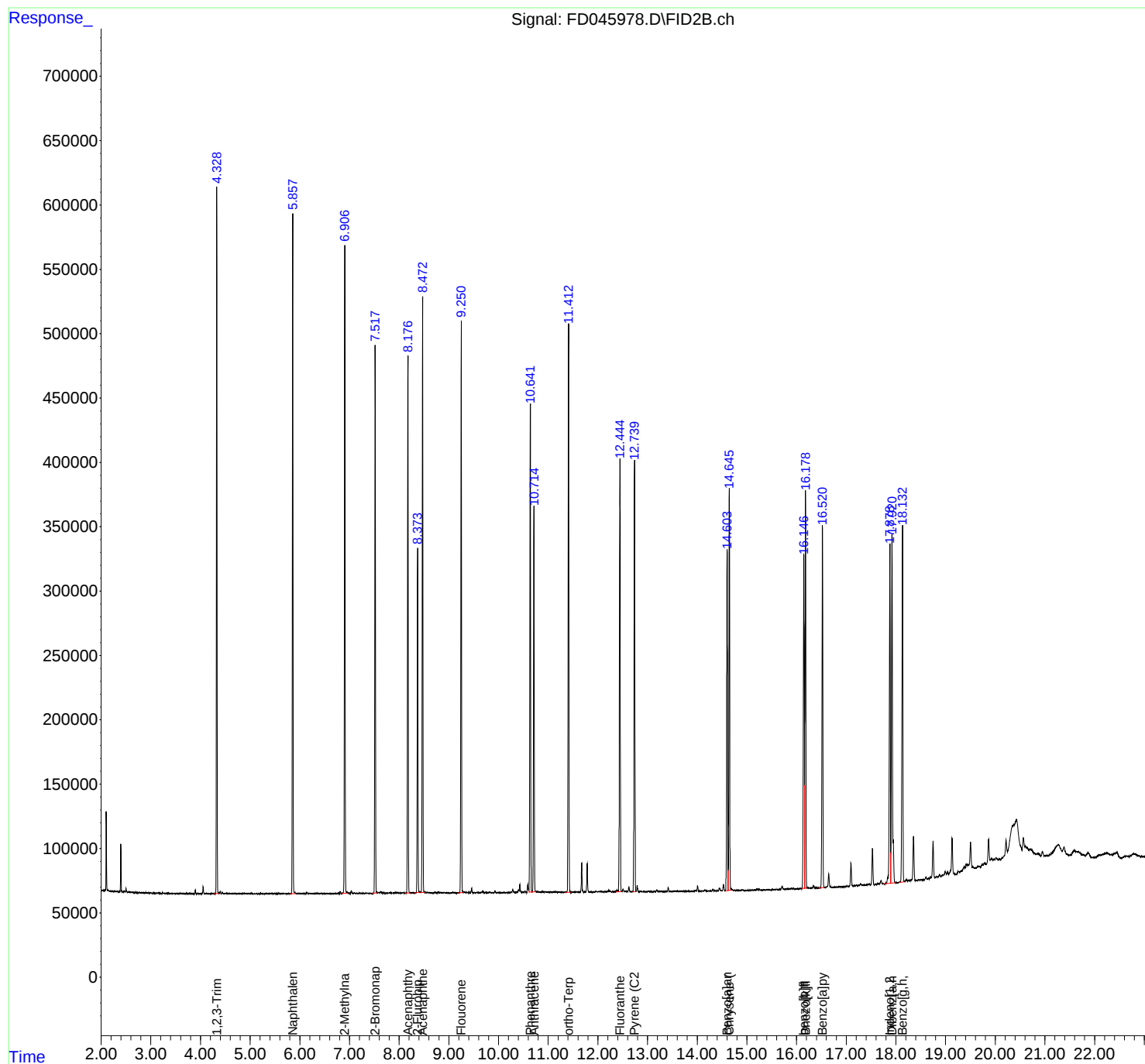
(m)=manual int.

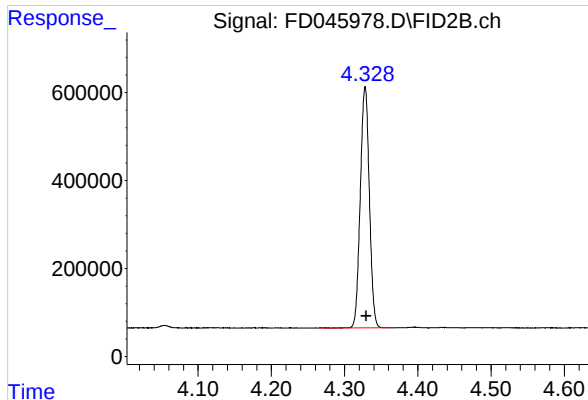
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062623AR\  
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QLast Update : Sun Jun 25 04:38:13 2023  
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Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm

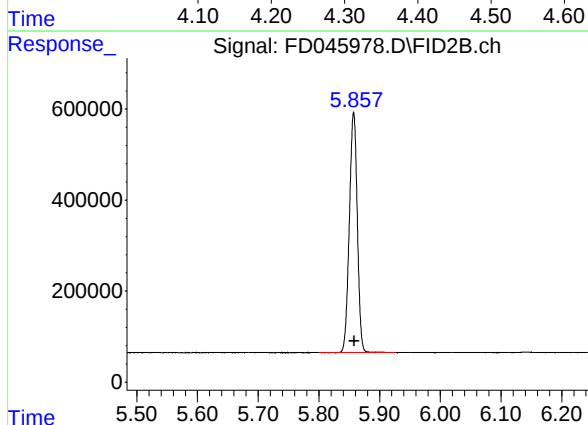




#1 1,2,3-Trimethylbenzene (C10.1)

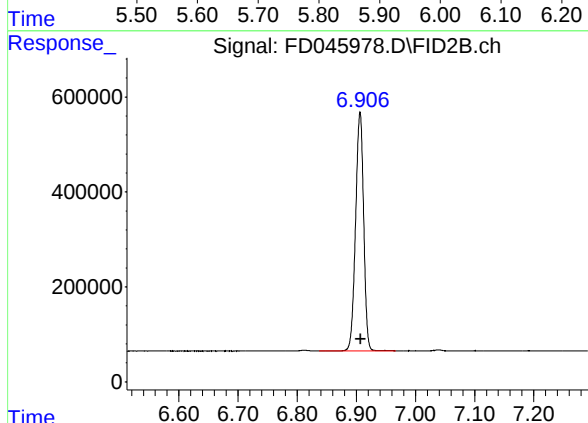
R.T.: 4.328 min  
Delta R.T.: -0.002 min  
Response: 4711167  
Conc: 18.91 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



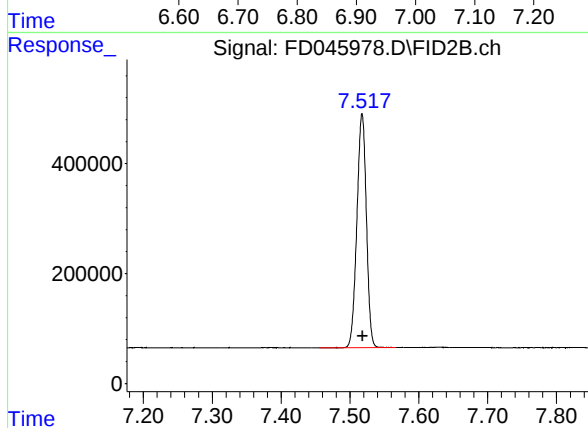
#2 Naphthalene (C11.7)

R.T.: 5.857 min  
Delta R.T.: -0.001 min  
Response: 4816585  
Conc: 18.88 ug/ml



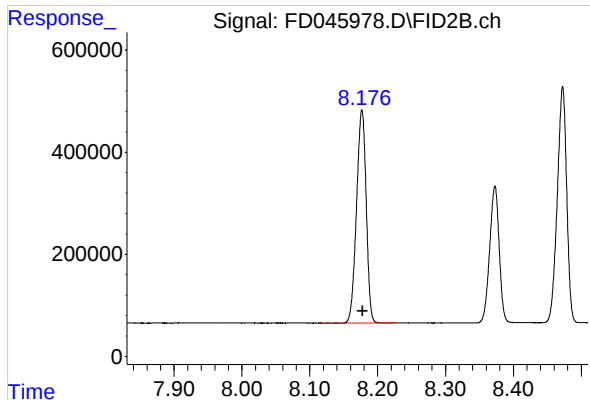
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min  
Delta R.T.: -0.001 min  
Response: 4762919  
Conc: 18.89 ug/ml



#4 2-Bromonaphthalene (SURR)

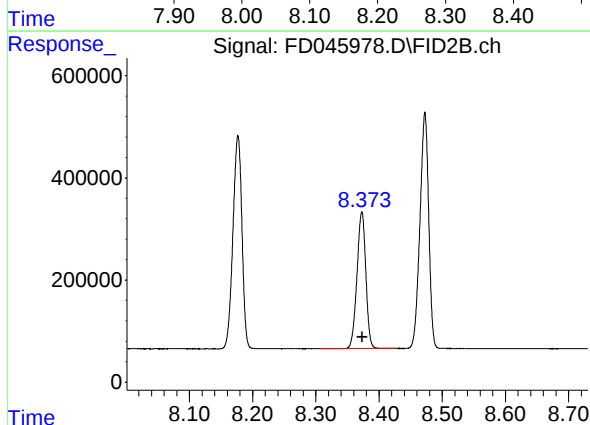
R.T.: 7.518 min  
Delta R.T.: 0.000 min  
Response: 4072500  
Conc: 18.90 ug/ml



#5 Acenaphthylene (C15.06)

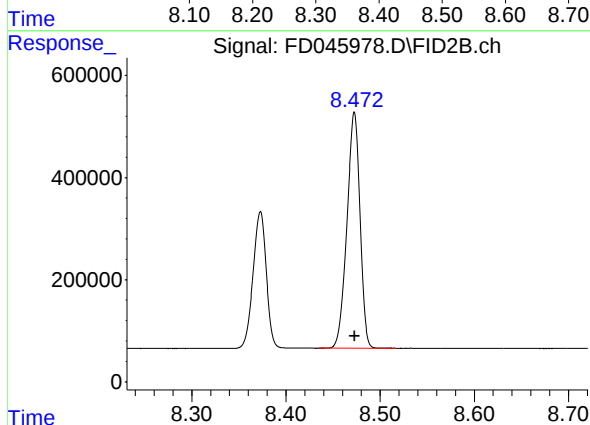
R.T.: 8.177 min  
Delta R.T.: 0.000 min  
Response: 4131264  
Conc: 19.02 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



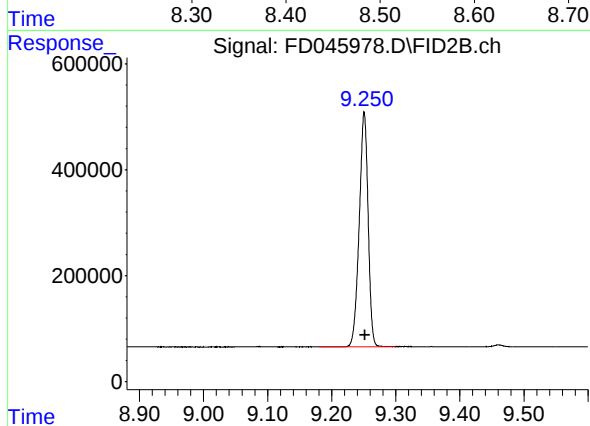
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.373 min  
Delta R.T.: 0.000 min  
Response: 2608213  
Conc: 18.85 ug/ml



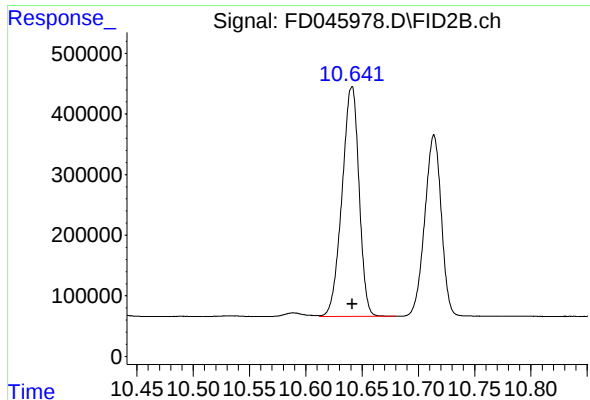
#7 Acenaphthene (C15.5)

R.T.: 8.473 min  
Delta R.T.: 0.000 min  
Response: 4456999  
Conc: 18.91 ug/ml



#8 Flouorene (C16.55)

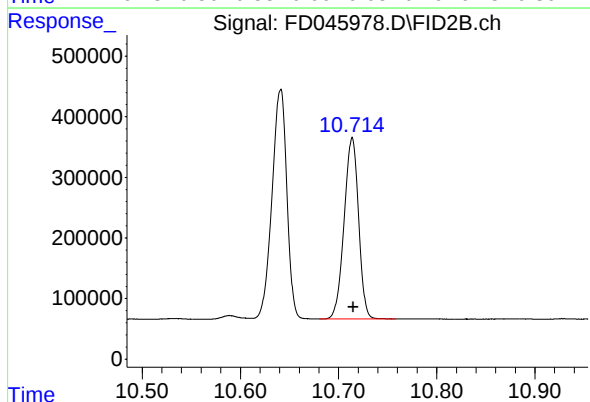
R.T.: 9.251 min  
Delta R.T.: -0.001 min  
Response: 4272435  
Conc: 18.88 ug/ml



#9 Phenanthrene (C19.36)

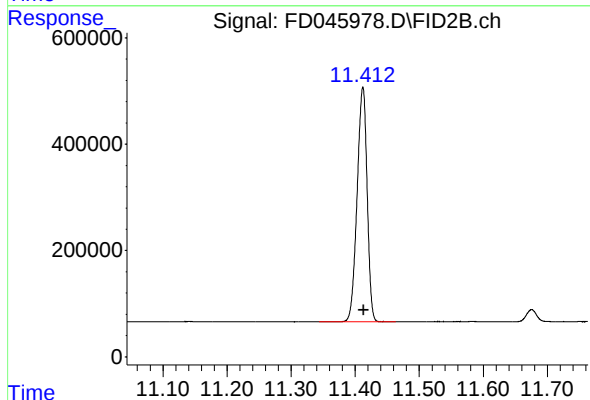
R.T.: 10.641 min  
Delta R.T.: 0.000 min  
Response: 3990985  
Conc: 18.70 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



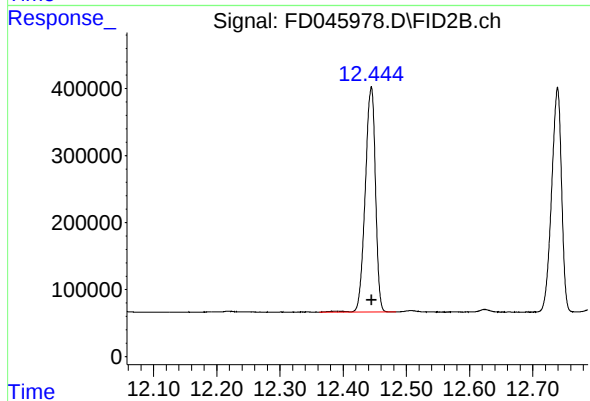
#10 Anthracene (C19.43)

R.T.: 10.714 min  
Delta R.T.: -0.001 min  
Response: 3060386  
Conc: 19.26 ug/ml



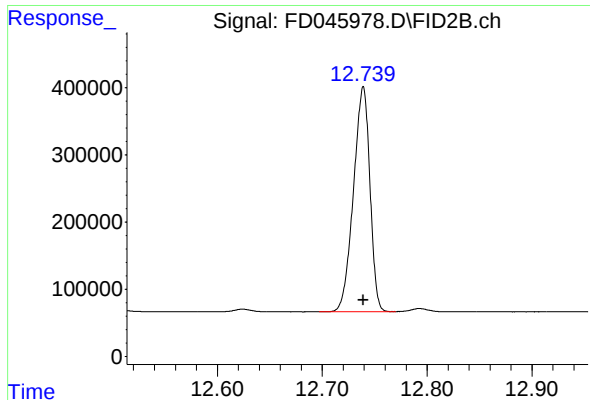
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min  
Delta R.T.: -0.001 min  
Response: 4793376  
Conc: 18.91 ug/ml



#12 Fluoranthene (C21.85)

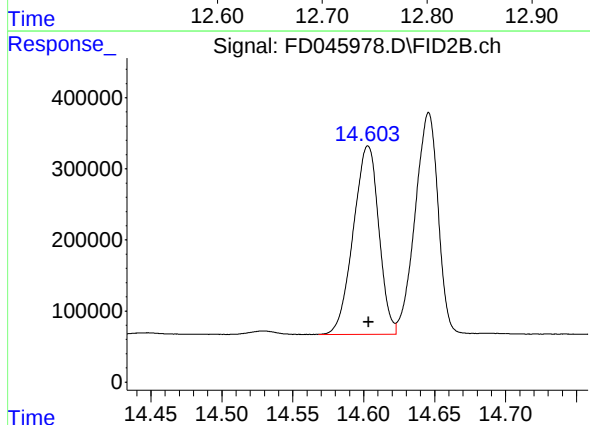
R.T.: 12.444 min  
Delta R.T.: 0.000 min  
Response: 3776041  
Conc: 18.45 ug/ml



#13 Pyrene (C20.8)

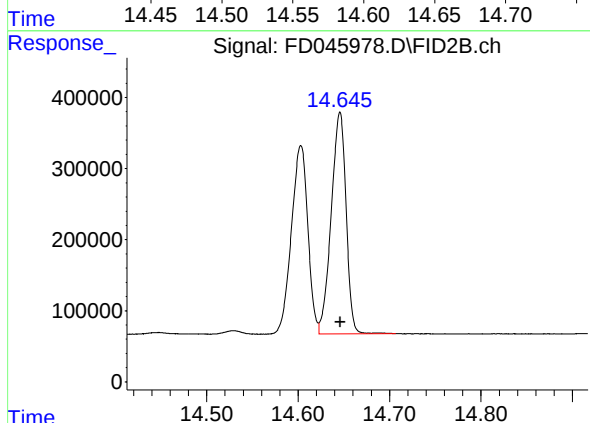
R.T.: 12.739 min  
Delta R.T.: 0.000 min  
Response: 3650335  
Conc: 18.77 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



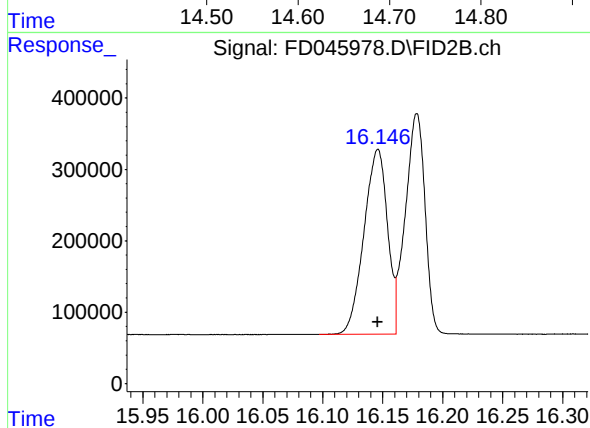
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min  
Delta R.T.: 0.000 min  
Response: 3317036  
Conc: 18.44 ug/ml



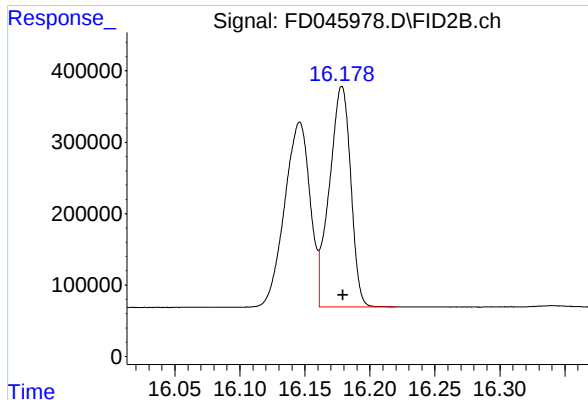
#15 Chrysene (C27.41)

R.T.: 14.646 min  
Delta R.T.: 0.000 min  
Response: 3527294  
Conc: 17.97 ug/ml



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

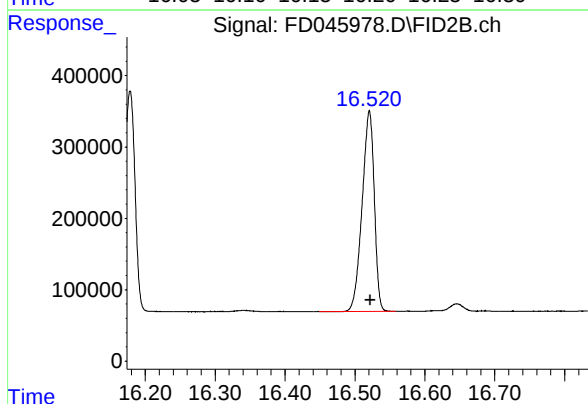
R.T.: 16.146 min  
Delta R.T.: 0.000 min  
Response: 3538236  
Conc: 18.86 ug/ml



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

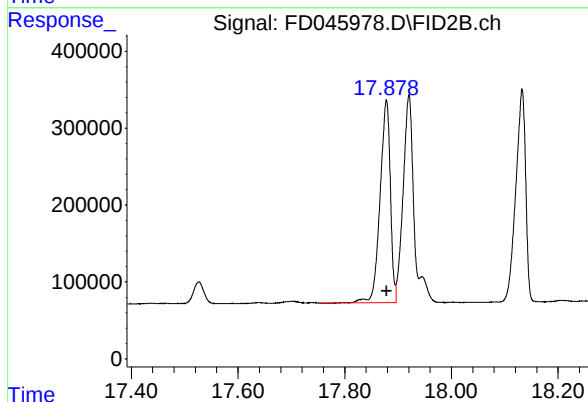
R.T.: 16.178 min  
Delta R.T.: -0.001 min  
Response: 3527656  
Conc: 17.83 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



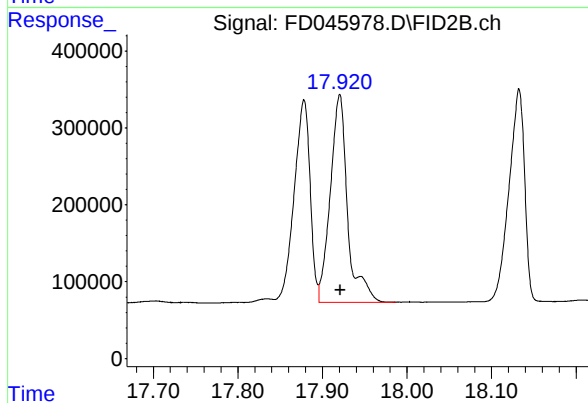
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.520 min  
Delta R.T.: -0.002 min  
Response: 3392184  
Conc: 19.47 ug/ml



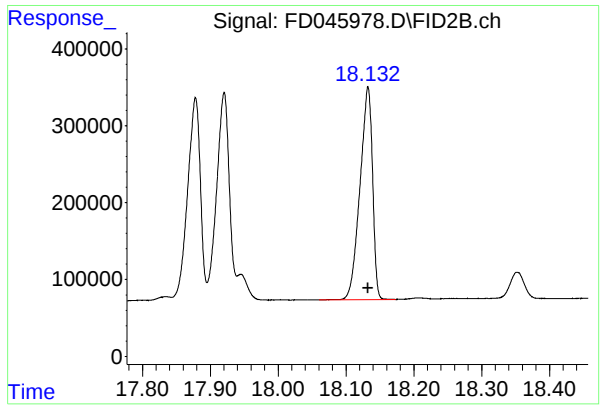
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min  
Delta R.T.: 0.000 min  
Response: 3521467  
Conc: 18.92 ug/ml



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

R.T.: 17.920 min  
Delta R.T.: 0.000 min  
Response: 3842372  
Conc: 20.90 ug/ml



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

R.T.: 18.132 min  
Delta R.T.: 0.000 min  
Response: 3556090  
Conc: 19.03 ug/ml

Instrument :

FID\_D

ClientSampleId :