

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020725AR\  
 Data File : FD049051.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Feb 2025 08:50  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 07 23:56:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 012425.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 25 03:38:15 2025  
 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...      | 7.353  | 2929635    | 20.584 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.17%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.204  | 1875717    | 22.045 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 44.09%       |
| 11) S ortho-Terphenyl (SURR)       | 11.237 | 3315572    | 20.161 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.32%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.176  | 3301941    | 21.421 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.694  | 3308337    | 21.165 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.741  | 3232174    | 20.835 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.005  | 3347619    | 20.469 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.298  | 3340783    | 19.890 ug/ml |
| 8) T Flouorene (C16.55)            | 9.078  | 3250384    | 20.778 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.465 | 3124474    | 20.515 ug/ml |
| 10) T Anthracene (C19.43)          | 10.541 | 3153954    | 20.705 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.269 | 3213665    | 20.431 ug/ml |
| 13) T Pyrene (C20.8)               | 12.562 | 3148352    | 19.985 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.432 | 2865319    | 22.267 ug/ml |
| 15) T Chrysene (C27.41)            | 14.474 | 3231899    | 19.113 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.980 | 2984451    | 21.843 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.011 | 3178310    | 19.624 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.357 | 2839030    | 20.399 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.723 | 2296213    | 22.017 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.762 | 3239680    | 22.694 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.972 | 2999732    | 21.030 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

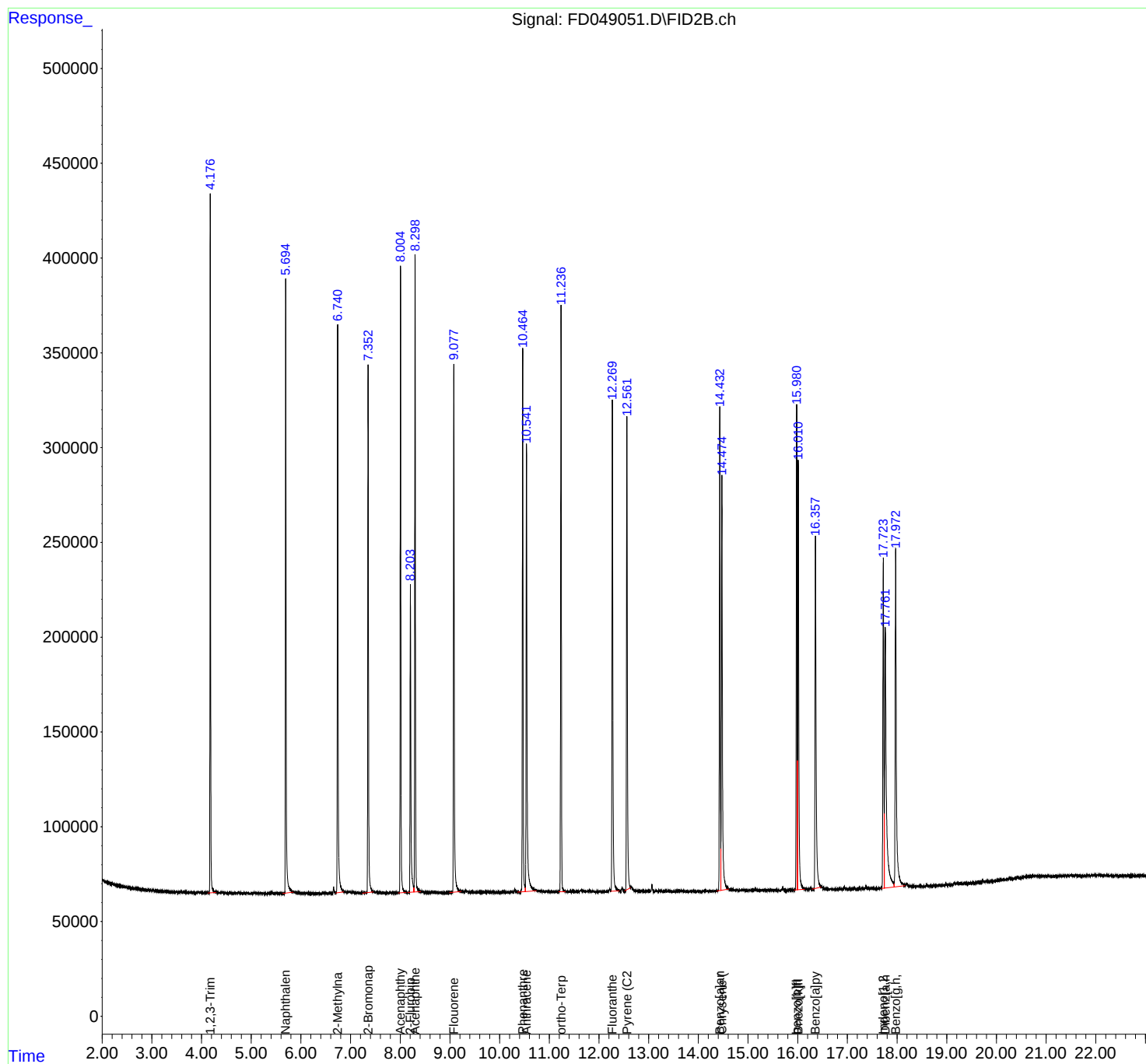
(m)=manual int.

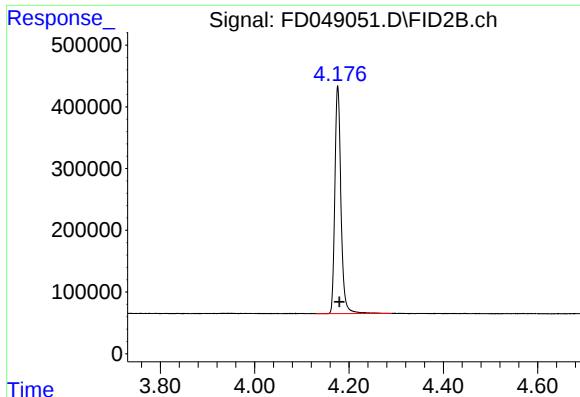
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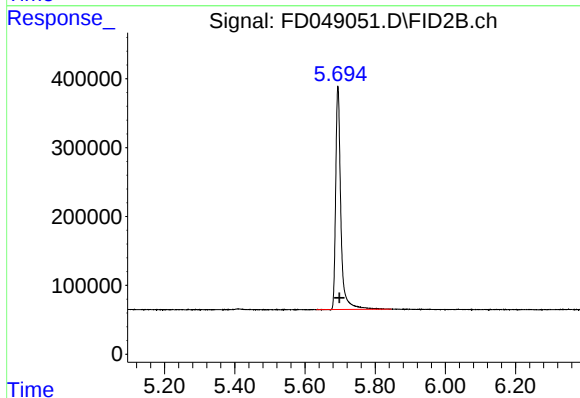




#1 1,2,3-Trimethylbenzene (C10.1)

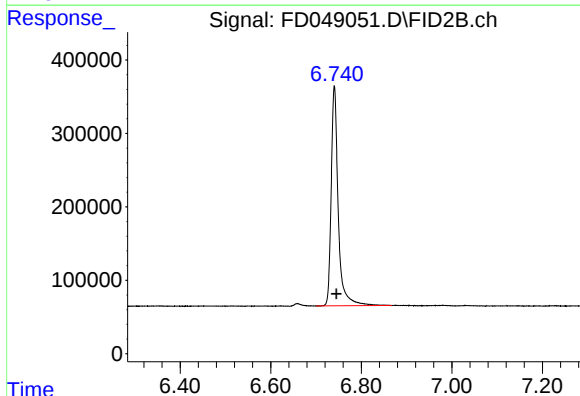
R.T.: 4.176 min  
Delta R.T.: -0.004 min  
Response: 3301941  
Conc: 21.42 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



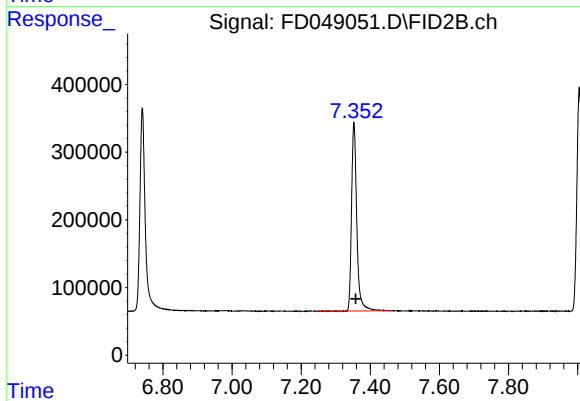
#2 Naphthalene (C11.7)

R.T.: 5.694 min  
Delta R.T.: -0.005 min  
Response: 3308337  
Conc: 21.16 ug/ml



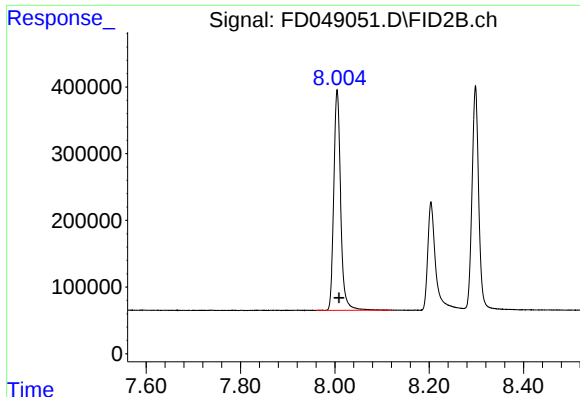
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min  
Delta R.T.: -0.004 min  
Response: 3232174  
Conc: 20.84 ug/ml



#4 2-Bromonaphthalene (SURR)

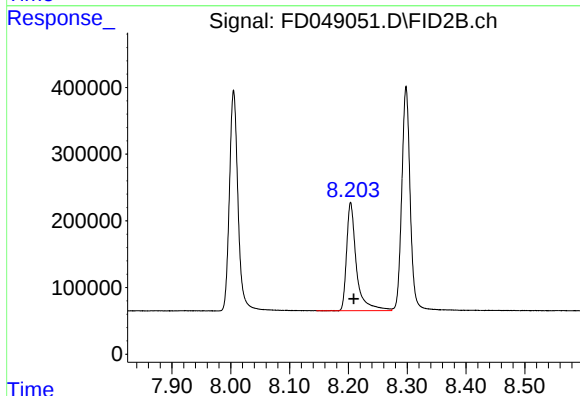
R.T.: 7.353 min  
Delta R.T.: -0.005 min  
Response: 2929635  
Conc: 20.58 ug/ml



#5 Acenaphthylene (C15.06)

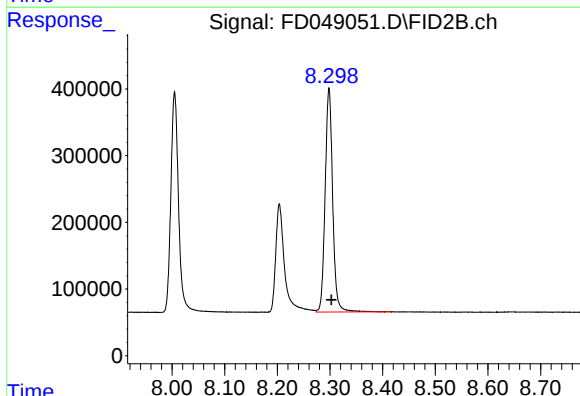
R.T.: 8.005 min  
Delta R.T.: -0.004 min  
Response: 3347619  
Conc: 20.47 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



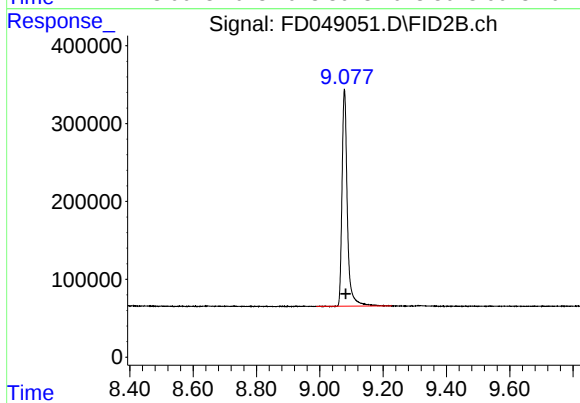
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min  
Delta R.T.: -0.005 min  
Response: 1875717  
Conc: 22.04 ug/ml



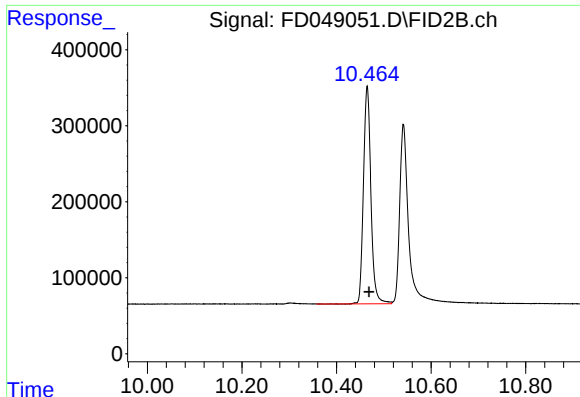
#7 Acenaphthene (C15.5)

R.T.: 8.298 min  
Delta R.T.: -0.004 min  
Response: 3340783  
Conc: 19.89 ug/ml



#8 Flouorene (C16.55)

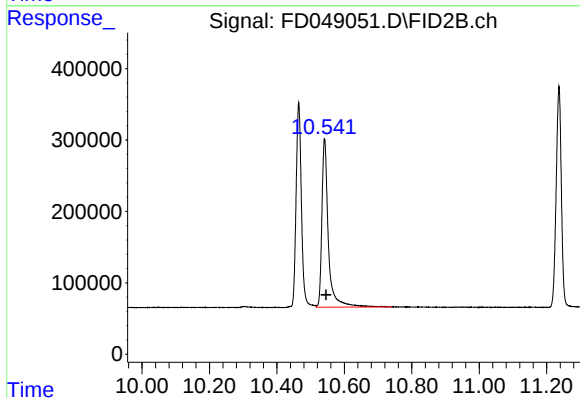
R.T.: 9.078 min  
Delta R.T.: -0.005 min  
Response: 3250384  
Conc: 20.78 ug/ml



#9 Phenanthrene (C19.36)

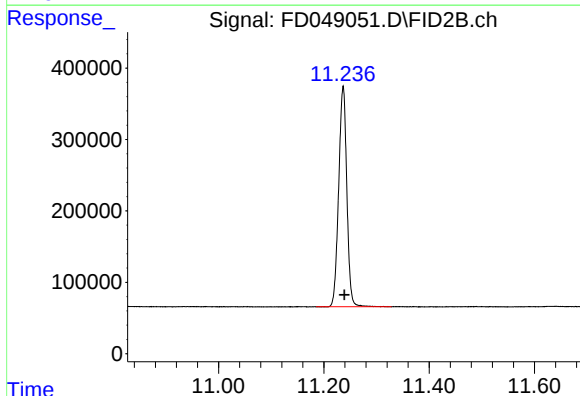
R.T.: 10.465 min  
Delta R.T.: -0.004 min  
Response: 3124474  
Conc: 20.52 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



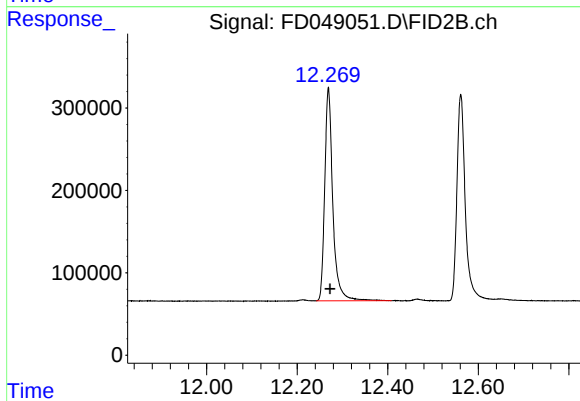
#10 Anthracene (C19.43)

R.T.: 10.541 min  
Delta R.T.: -0.005 min  
Response: 3153954  
Conc: 20.71 ug/ml



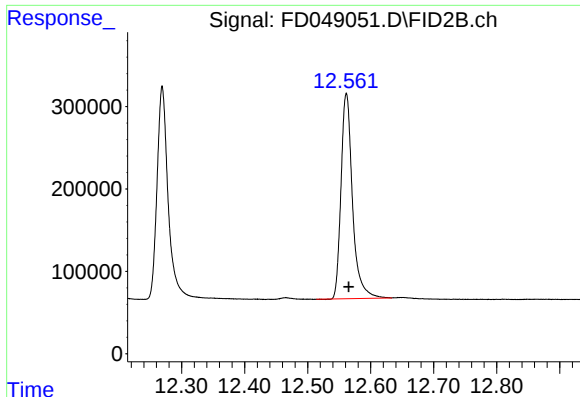
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min  
Delta R.T.: -0.002 min  
Response: 3315572  
Conc: 20.16 ug/ml



#12 Fluoranthene (C21.85)

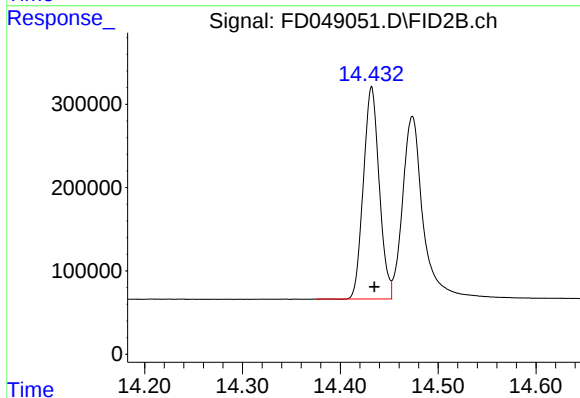
R.T.: 12.269 min  
Delta R.T.: -0.004 min  
Response: 3213665  
Conc: 20.43 ug/ml



#13 Pyrene (C20.8)

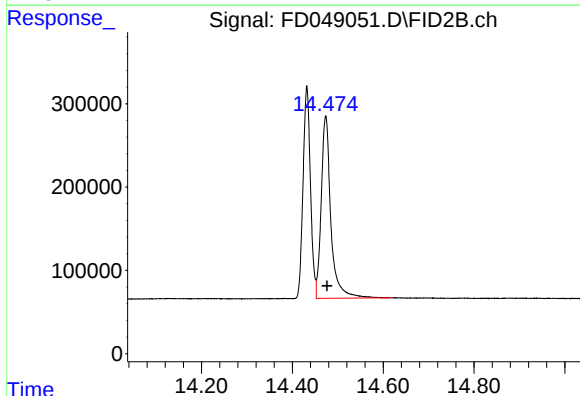
R.T.: 12.562 min  
Delta R.T.: -0.004 min  
Response: 3148352  
Conc: 19.99 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



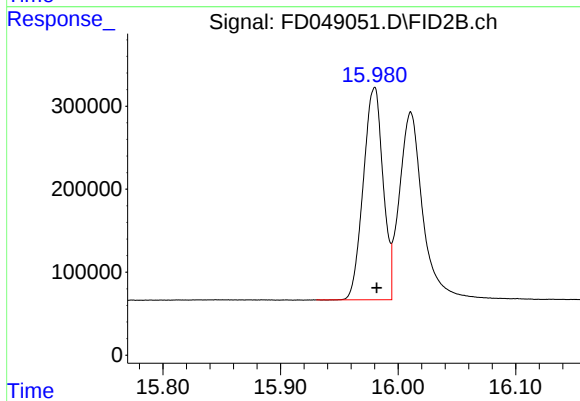
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min  
Delta R.T.: -0.003 min  
Response: 2865319  
Conc: 22.27 ug/ml



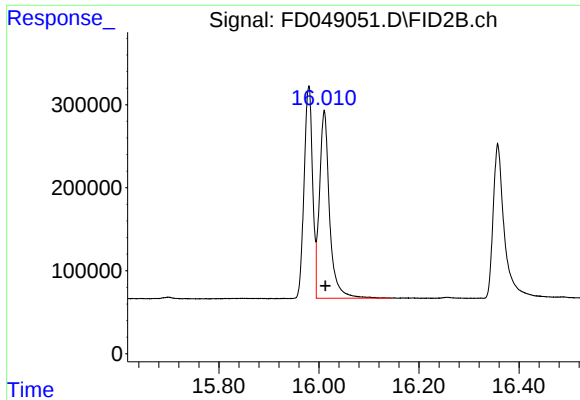
#15 Chrysene (C27.41)

R.T.: 14.474 min  
Delta R.T.: -0.003 min  
Response: 3231899  
Conc: 19.11 ug/ml



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

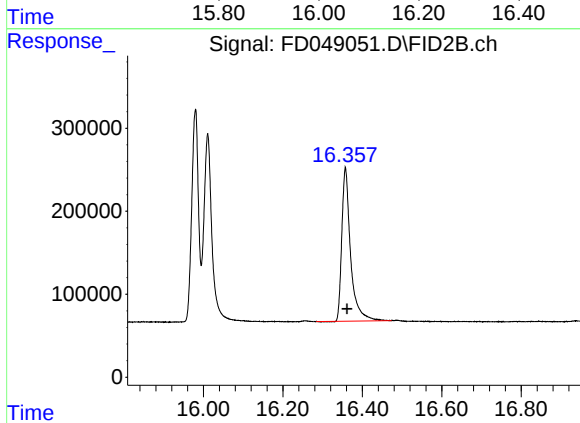
R.T.: 15.980 min  
Delta R.T.: -0.002 min  
Response: 2984451  
Conc: 21.84 ug/ml



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

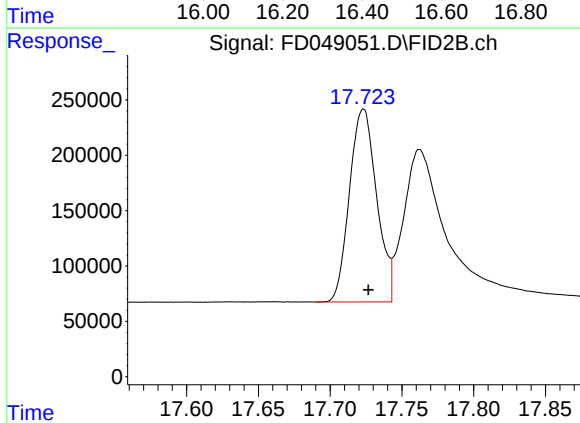
R.T.: 16.011 min  
Delta R.T.: -0.002 min  
Response: 3178310  
Conc: 19.62 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



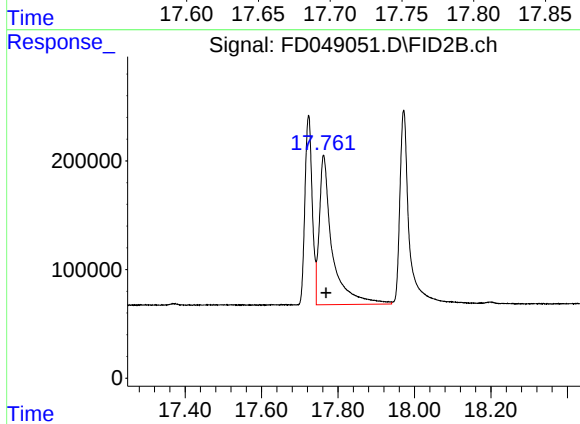
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min  
Delta R.T.: -0.004 min  
Response: 2839030  
Conc: 20.40 ug/ml



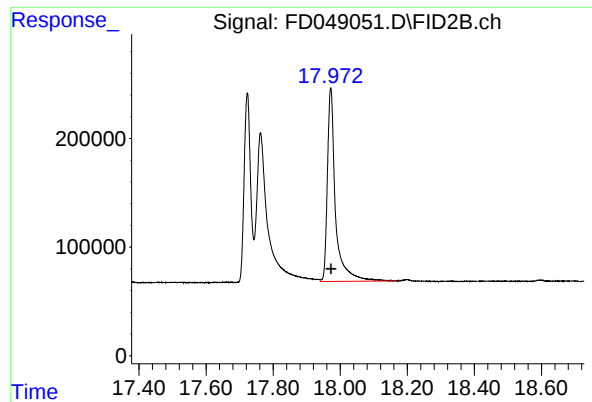
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.723 min  
Delta R.T.: -0.003 min  
Response: 2296213  
Conc: 22.02 ug/ml



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

R.T.: 17.762 min  
Delta R.T.: -0.007 min  
Response: 3239680  
Conc: 22.69 ug/ml



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

R.T.: 17.972 min  
Delta R.T.: 0.000 min  
Response: 2999732  
Conc: 21.03 ug/ml

Instrument :

FID\_D

ClientSampleId :