

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091924AR\  
 Data File : FD048348.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Sep 2024 06:05  
 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: Sep 20 07:05:24 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 090624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 06 11:53:01 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...      | 7.385  | 3330243    | 21.958 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.92%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.235  | 2185832    | 22.876 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 45.75%       |
| 11) S ortho-Terphenyl (SURR)       | 11.272 | 3872735    | 22.572 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 45.14%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.206  | 3802231    | 21.554 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.726  | 3958594    | 21.890 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.773  | 3925722    | 21.943 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.039  | 3861445    | 22.101 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.333  | 3911086    | 21.991 ug/ml |
| 8) T Flouorene (C16.55)            | 9.112  | 3771484    | 22.523 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.499 | 3684903    | 22.824 ug/ml |
| 10) T Anthracene (C19.43)          | 10.573 | 3220235    | 20.237 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.302 | 3745813    | 23.106 ug/ml |
| 13) T Pyrene (C20.8)               | 12.595 | 3717069    | 23.183 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.464 | 3370373    | 24.061 ug/ml |
| 15) T Chrysene (C27.41)            | 14.506 | 3532101    | 21.444 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.010 | 3550954    | 23.900 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.041 | 3521470    | 22.864 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.386 | 3487912    | 23.575 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.749 | 2963791    | 26.230 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.788 | 3110804    | 20.384 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.000 | 3392858    | 23.018 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

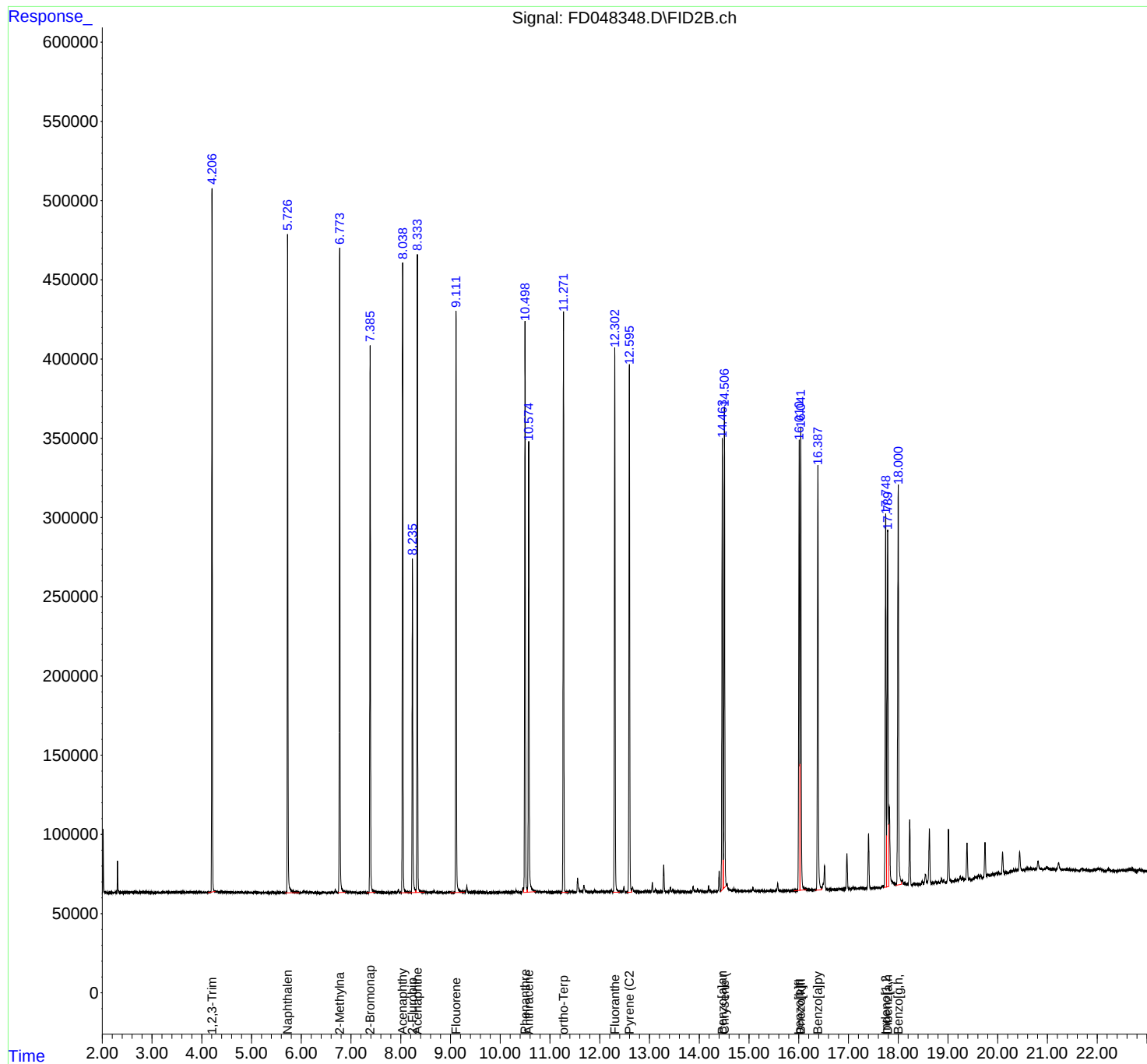
(m)=manual int.

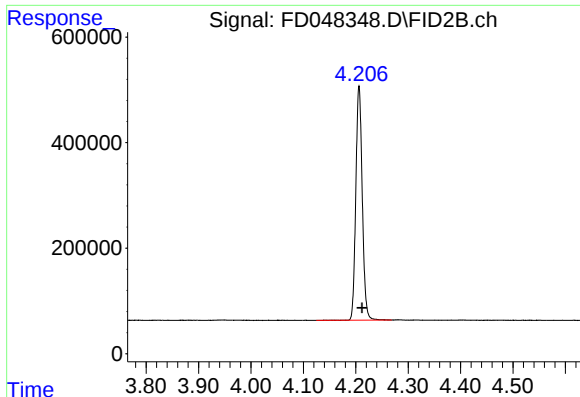
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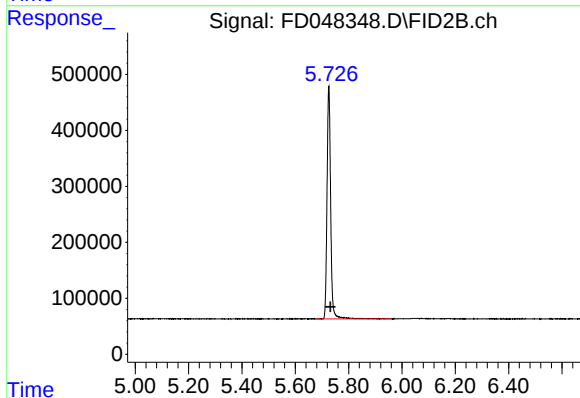




#1 1,2,3-Trimethylbenzene (C10.1)

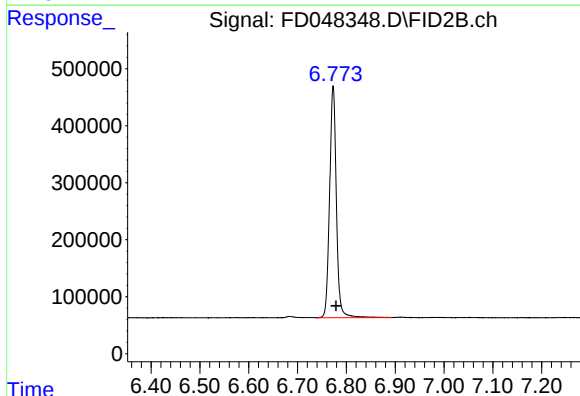
R.T.: 4.206 min  
Delta R.T.: -0.006 min  
Response: 3802231  
Conc: 21.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



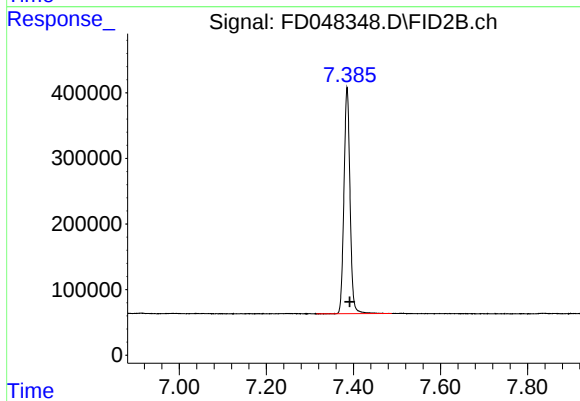
#2 Naphthalene (C11.7)

R.T.: 5.726 min  
Delta R.T.: -0.006 min  
Response: 3958594  
Conc: 21.89 ug/ml



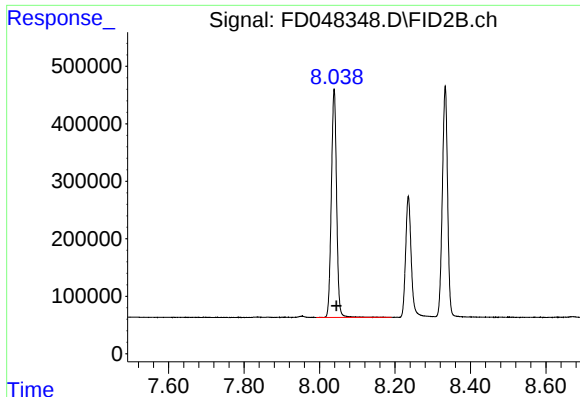
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.773 min  
Delta R.T.: -0.006 min  
Response: 3925722  
Conc: 21.94 ug/ml



#4 2-Bromonaphthalene (SURR)

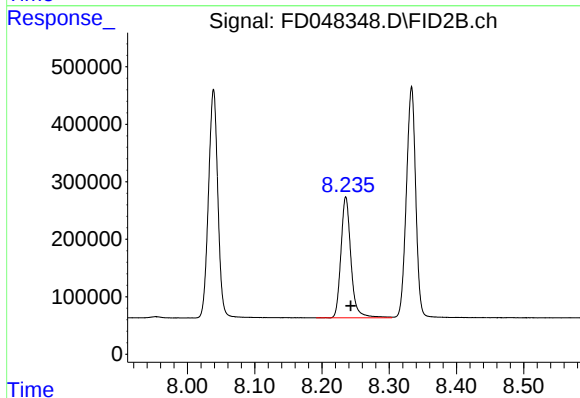
R.T.: 7.385 min  
Delta R.T.: -0.006 min  
Response: 3330243  
Conc: 21.96 ug/ml



#5 Acenaphthylene (C15.06)

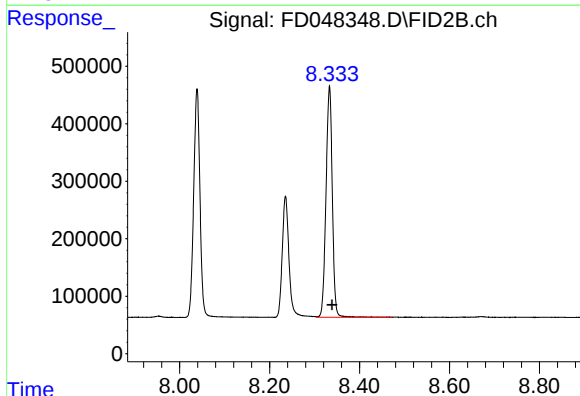
R.T.: 8.039 min  
Delta R.T.: -0.006 min  
Response: 3861445  
Conc: 22.10 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



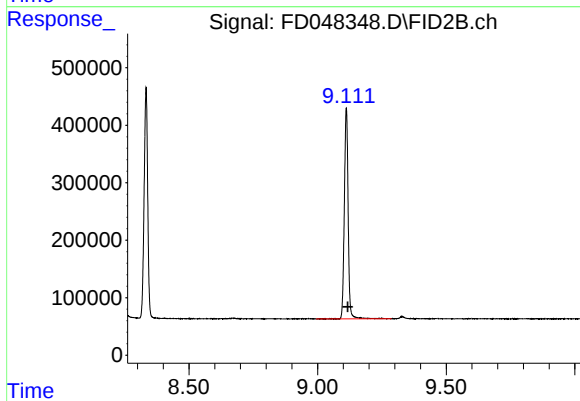
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.235 min  
Delta R.T.: -0.007 min  
Response: 2185832  
Conc: 22.88 ug/ml



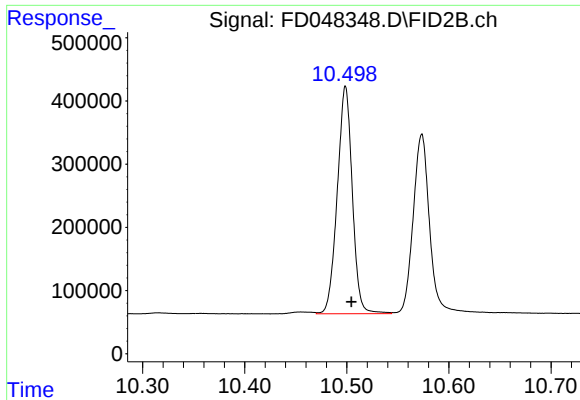
#7 Acenaphthene (C15.5)

R.T.: 8.333 min  
Delta R.T.: -0.006 min  
Response: 3911086  
Conc: 21.99 ug/ml



#8 Fluorene (C16.55)

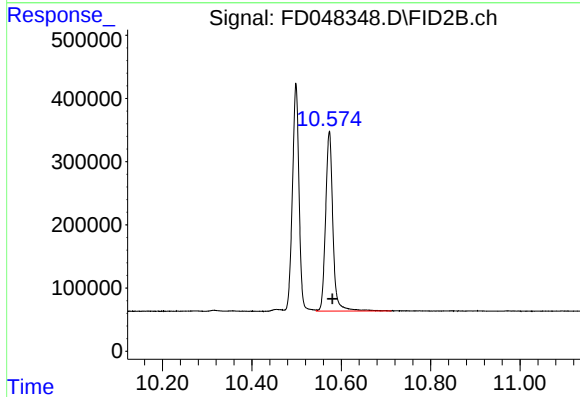
R.T.: 9.112 min  
Delta R.T.: -0.006 min  
Response: 3771484  
Conc: 22.52 ug/ml



#9 Phenanthrene (C19.36)

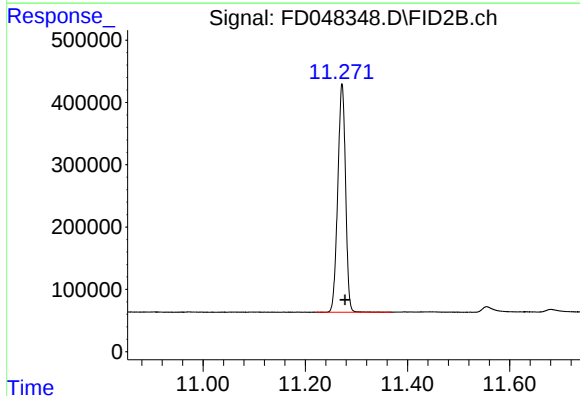
R.T.: 10.499 min  
Delta R.T.: -0.006 min  
Response: 3684903  
Conc: 22.82 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



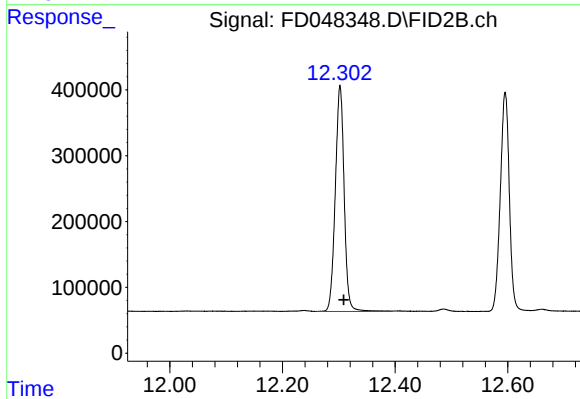
#10 Anthracene (C19.43)

R.T.: 10.573 min  
Delta R.T.: -0.007 min  
Response: 3220235  
Conc: 20.24 ug/ml



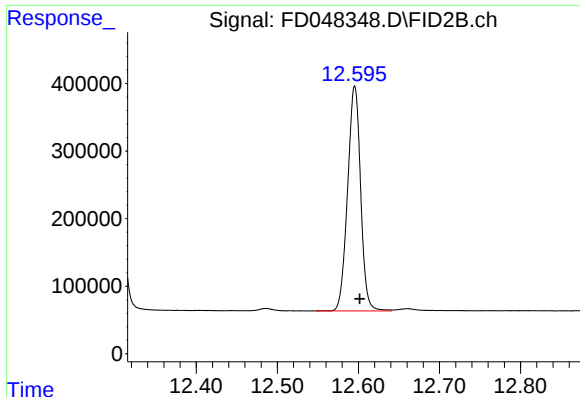
#11 ortho-Terphenyl (SURR)

R.T.: 11.272 min  
Delta R.T.: -0.006 min  
Response: 3872735  
Conc: 22.57 ug/ml



#12 Fluoranthene (C21.85)

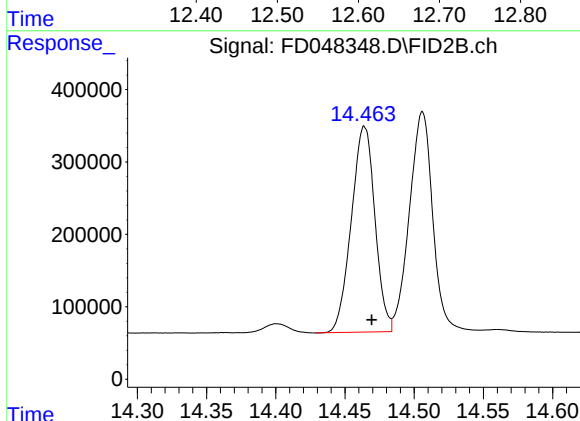
R.T.: 12.302 min  
Delta R.T.: -0.006 min  
Response: 3745813  
Conc: 23.11 ug/ml



#13 Pyrene (C20.8)

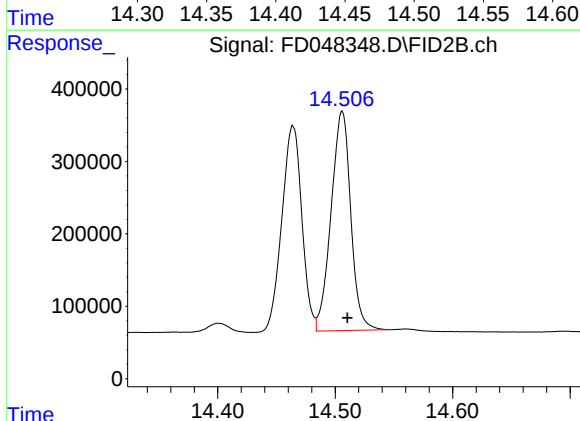
R.T.: 12.595 min  
Delta R.T.: -0.006 min  
Response: 3717069  
Conc: 23.18 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



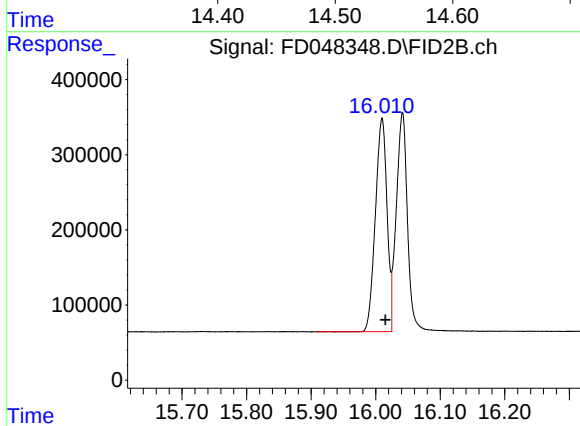
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min  
Delta R.T.: -0.005 min  
Response: 3370373  
Conc: 24.06 ug/ml



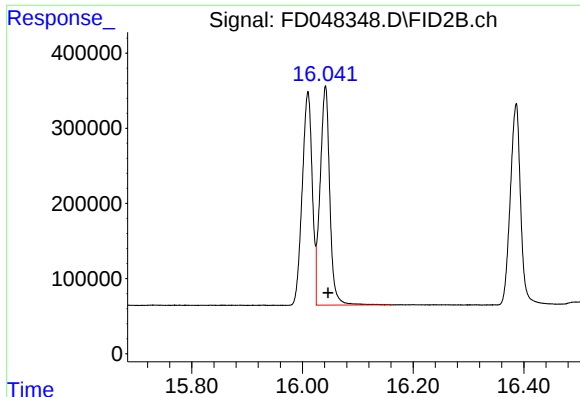
#15 Chrysene (C27.41)

R.T.: 14.506 min  
Delta R.T.: -0.005 min  
Response: 3532101  
Conc: 21.44 ug/ml



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

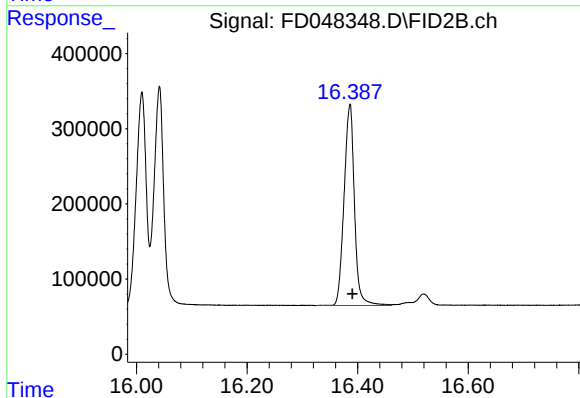
R.T.: 16.010 min  
Delta R.T.: -0.006 min  
Response: 3550954  
Conc: 23.90 ug/ml



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

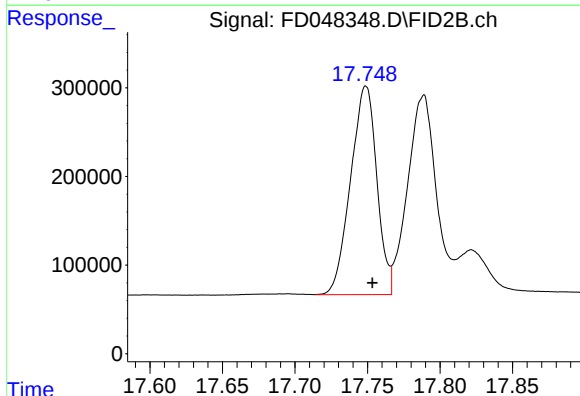
R.T.: 16.041 min  
Delta R.T.: -0.005 min  
Response: 3521470  
Conc: 22.86 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



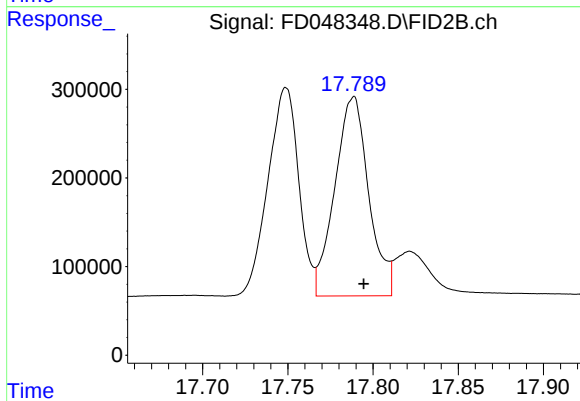
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min  
Delta R.T.: -0.005 min  
Response: 3487912  
Conc: 23.57 ug/ml



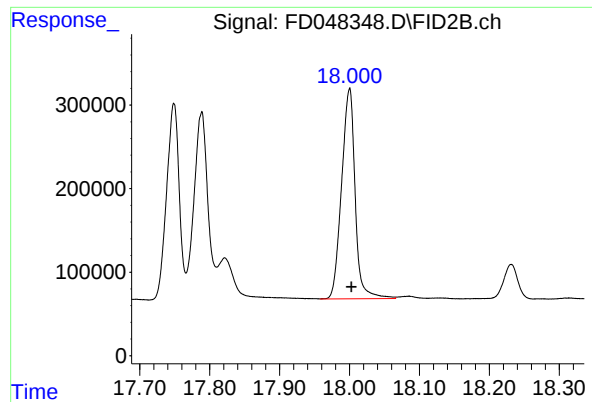
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min  
Delta R.T.: -0.005 min  
Response: 2963791  
Conc: 26.23 ug/ml



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

R.T.: 17.788 min  
Delta R.T.: -0.006 min  
Response: 3110804  
Conc: 20.38 ug/ml



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

R.T.: 18.000 min  
Delta R.T.: -0.003 min  
Response: 3392858  
Conc: 23.02 ug/ml

Instrument :

FID\_D

ClientSampleId :