

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020725AR\  
 Data File : FD049063.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Feb 2025 18:33  
 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 08 00:01:04 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...      | 7.352  | 2974243    | 20.898 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.80%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.202  | 1923668    | 22.608 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 45.22%       |
| 11) S ortho-Terphenyl (SURR)       | 11.235 | 3361802    | 20.442 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.88%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.176  | 3336666    | 21.646 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.693  | 3369577    | 21.556 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.739  | 3286804    | 21.187 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.003  | 3389364    | 20.725 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.297  | 3382749    | 20.140 ug/ml |
| 8) T Flouorene (C16.55)            | 9.076  | 3322976    | 21.242 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.463 | 3190494    | 20.949 ug/ml |
| 10) T Anthracene (C19.43)          | 10.539 | 3168081    | 20.798 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.267 | 3284396    | 20.880 ug/ml |
| 13) T Pyrene (C20.8)               | 12.560 | 3222448    | 20.456 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.430 | 2995460    | 23.278 ug/ml |
| 15) T Chrysene (C27.41)            | 14.471 | 3320443    | 19.636 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.978 | 3066373    | 22.443 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.008 | 3248053    | 20.055 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.356 | 2938625    | 21.114 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.720 | 2408562    | 23.094 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.760 | 3353379    | 23.490 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.970 | 3039370    | 21.308 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

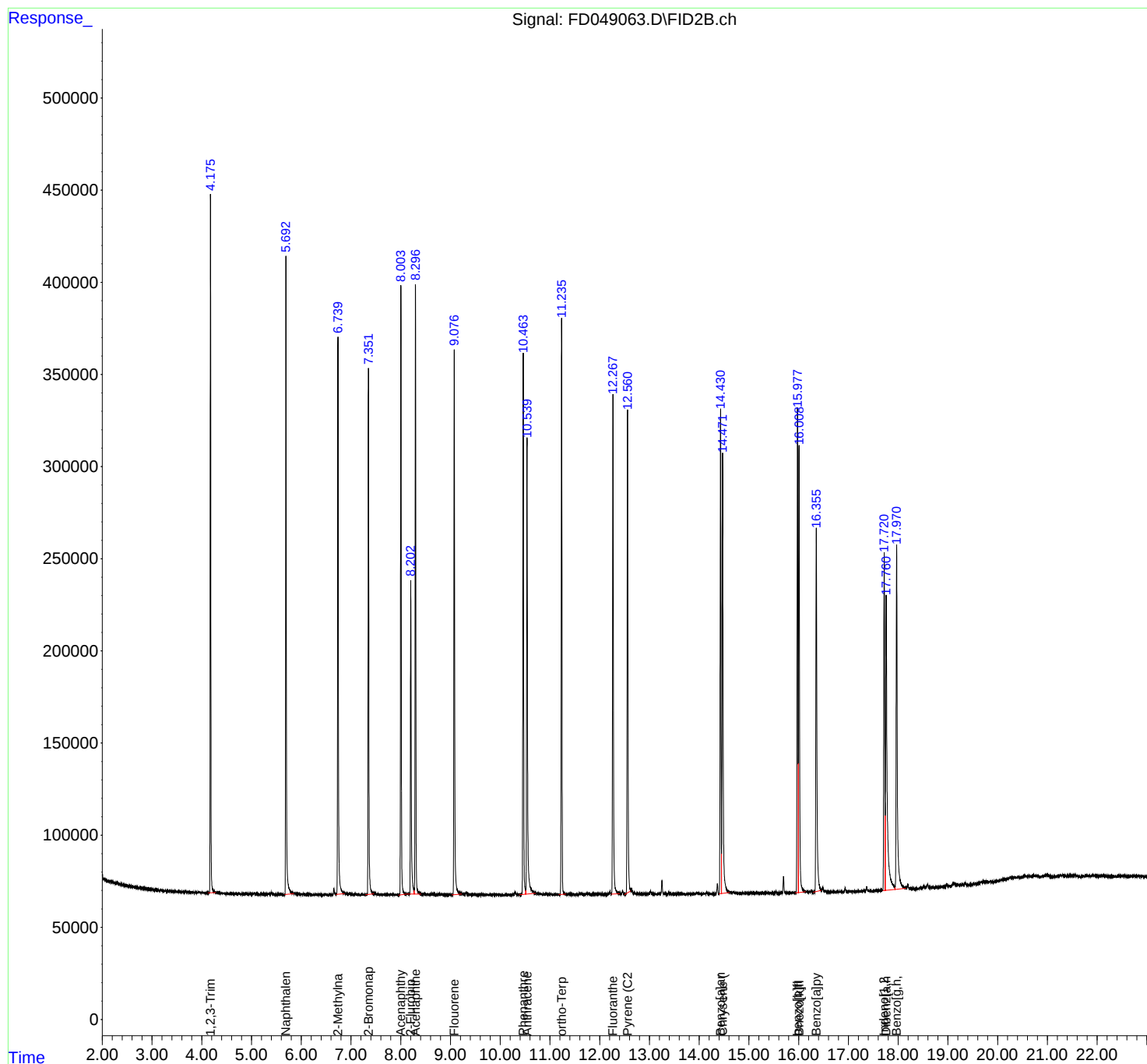
(m)=manual int.

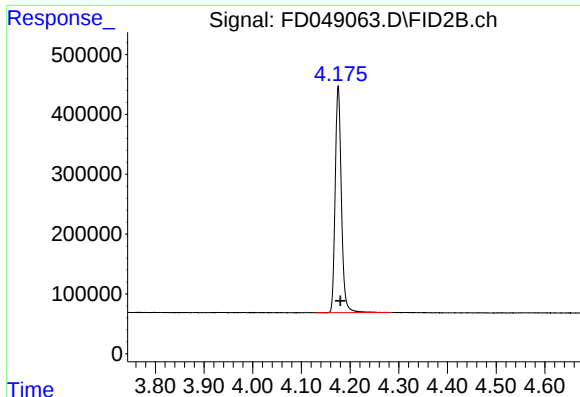
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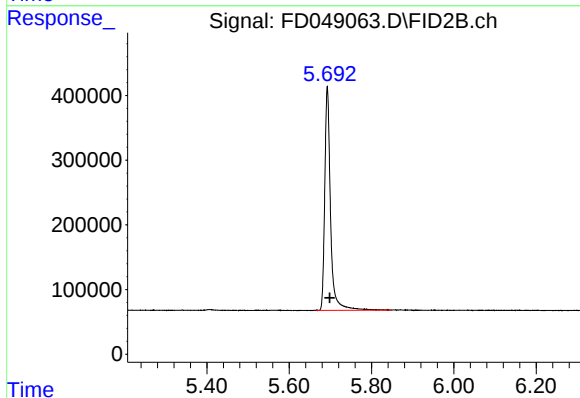




#1 1,2,3-Trimethylbenzene (C10.1)

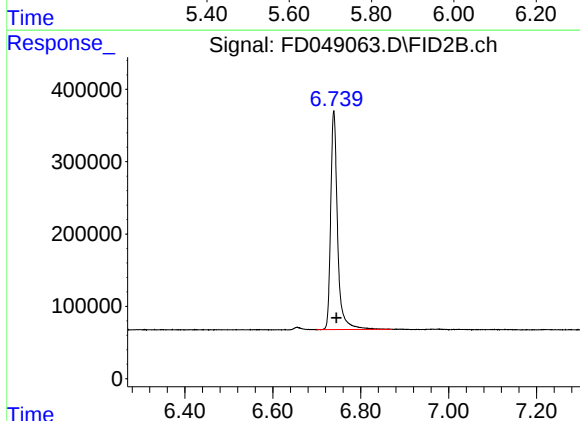
R.T.: 4.176 min  
Delta R.T.: -0.004 min  
Response: 3336666  
Conc: 21.65 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



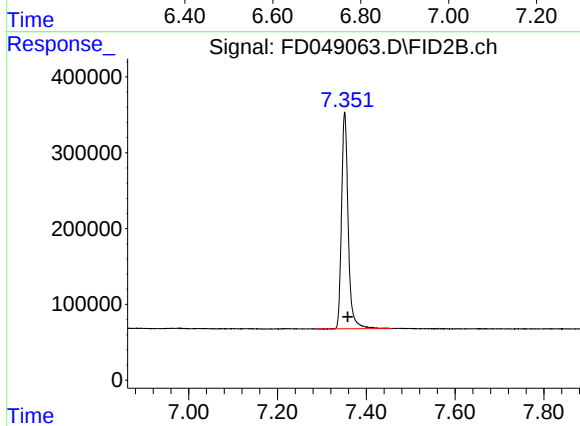
#2 Naphthalene (C11.7)

R.T.: 5.693 min  
Delta R.T.: -0.006 min  
Response: 3369577  
Conc: 21.56 ug/ml



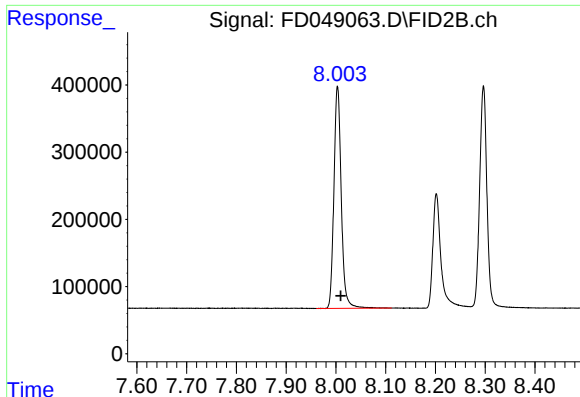
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min  
Delta R.T.: -0.006 min  
Response: 3286804  
Conc: 21.19 ug/ml



#4 2-Bromonaphthalene (SURR)

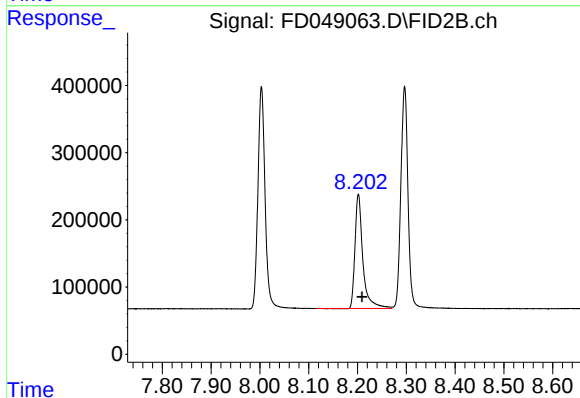
R.T.: 7.352 min  
Delta R.T.: -0.006 min  
Response: 2974243  
Conc: 20.90 ug/ml



#5 Acenaphthylene (C15.06)

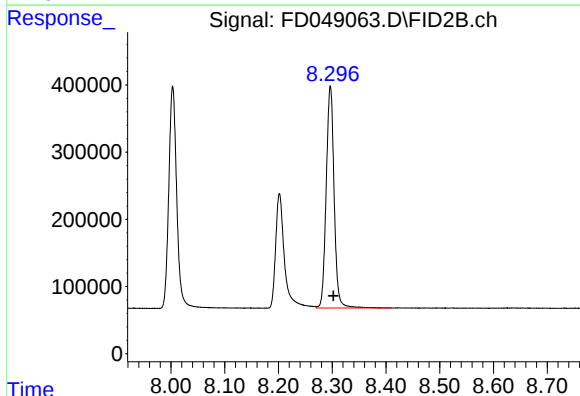
R.T.: 8.003 min  
Delta R.T.: -0.006 min  
Response: 3389364  
Conc: 20.72 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



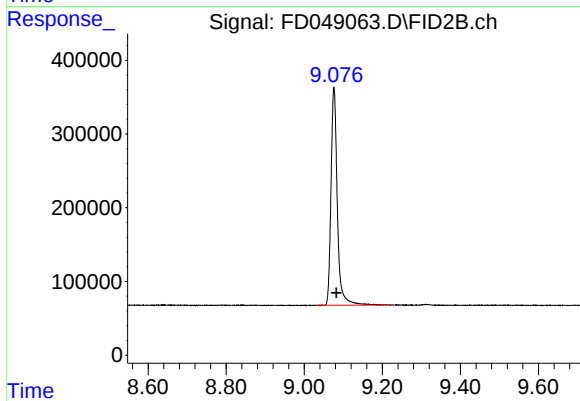
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min  
Delta R.T.: -0.007 min  
Response: 1923668  
Conc: 22.61 ug/ml



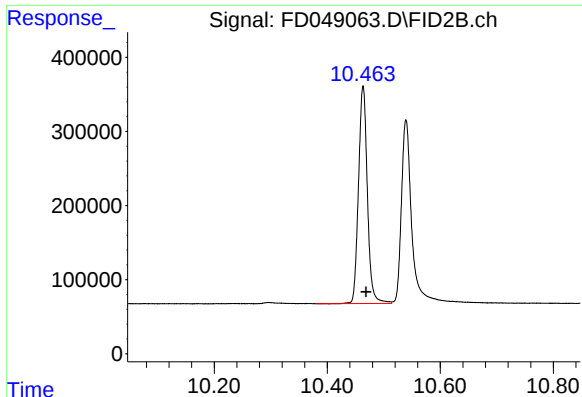
#7 Acenaphthene (C15.5)

R.T.: 8.297 min  
Delta R.T.: -0.006 min  
Response: 3382749  
Conc: 20.14 ug/ml



#8 Fluorene (C16.55)

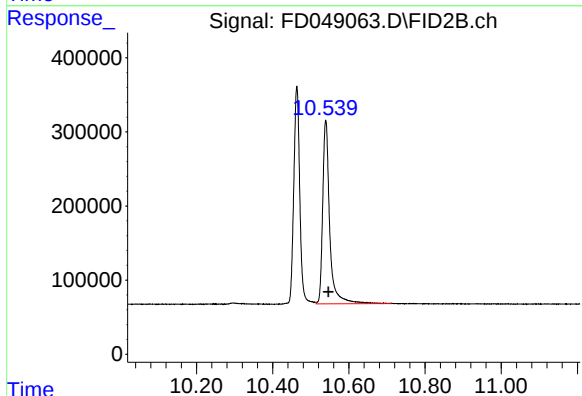
R.T.: 9.076 min  
Delta R.T.: -0.006 min  
Response: 3322976  
Conc: 21.24 ug/ml



#9 Phenanthrene (C19.36)

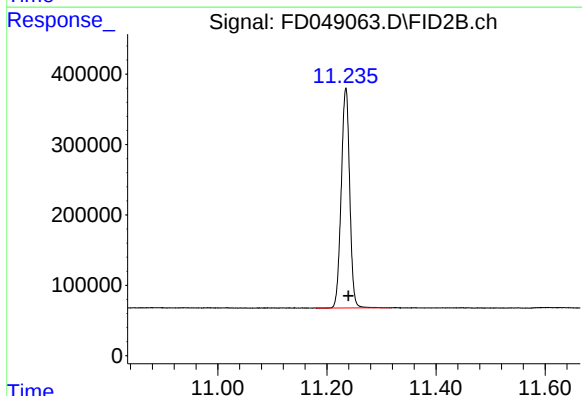
R.T.: 10.463 min  
Delta R.T.: -0.005 min  
Response: 3190494  
Conc: 20.95 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



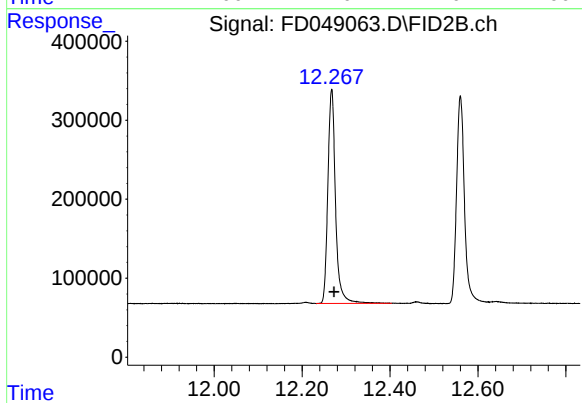
#10 Anthracene (C19.43)

R.T.: 10.539 min  
Delta R.T.: -0.007 min  
Response: 3168081  
Conc: 20.80 ug/ml



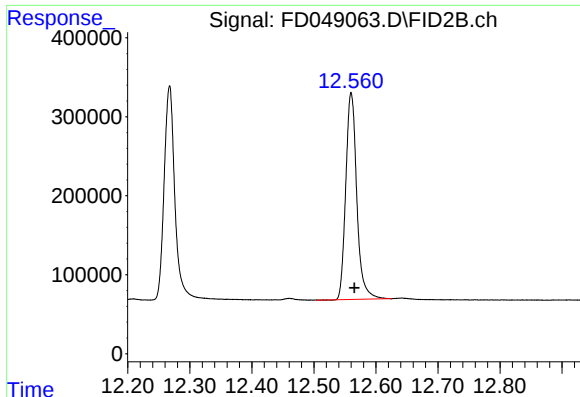
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min  
Delta R.T.: -0.004 min  
Response: 3361802  
Conc: 20.44 ug/ml



#12 Fluoranthene (C21.85)

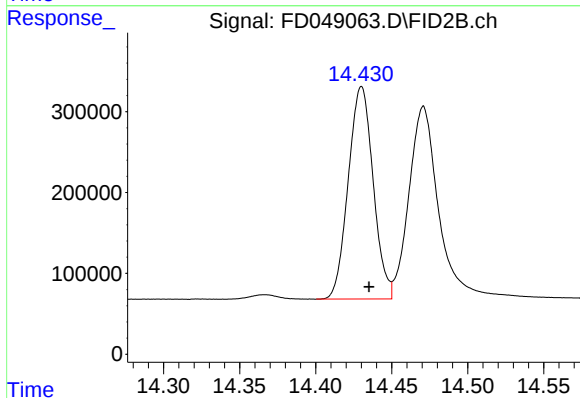
R.T.: 12.267 min  
Delta R.T.: -0.006 min  
Response: 3284396  
Conc: 20.88 ug/ml



#13 Pyrene (C20.8)

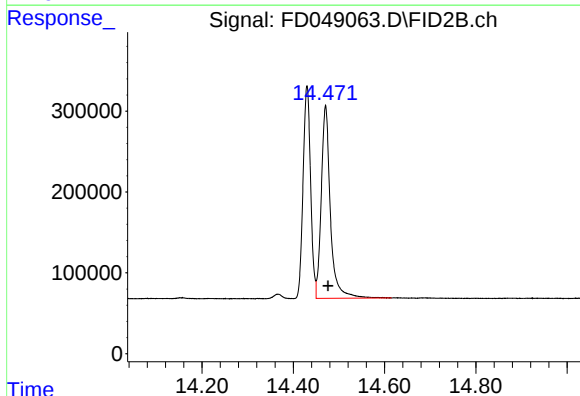
R.T.: 12.560 min  
Delta R.T.: -0.005 min  
Response: 3222448  
Conc: 20.46 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



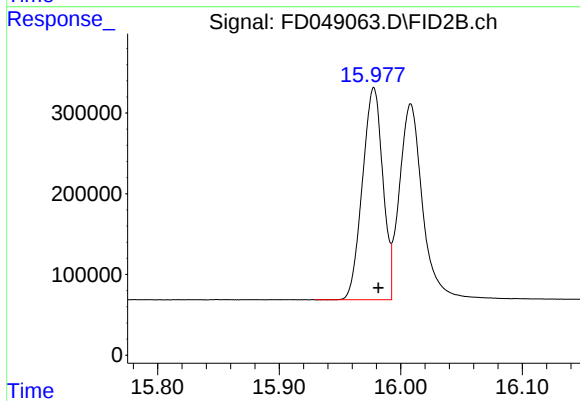
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min  
Delta R.T.: -0.005 min  
Response: 2995460  
Conc: 23.28 ug/ml



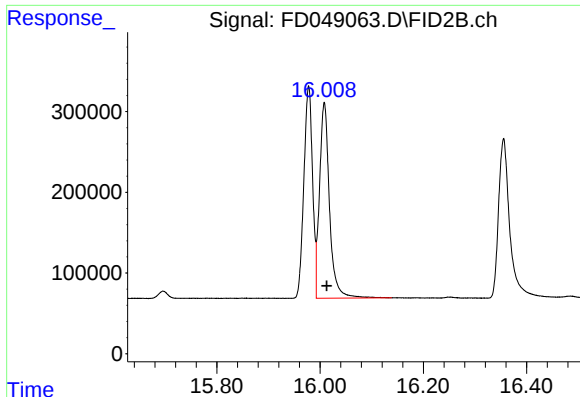
#15 Chrysene (C27.41)

R.T.: 14.471 min  
Delta R.T.: -0.006 min  
Response: 3320443  
Conc: 19.64 ug/ml



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

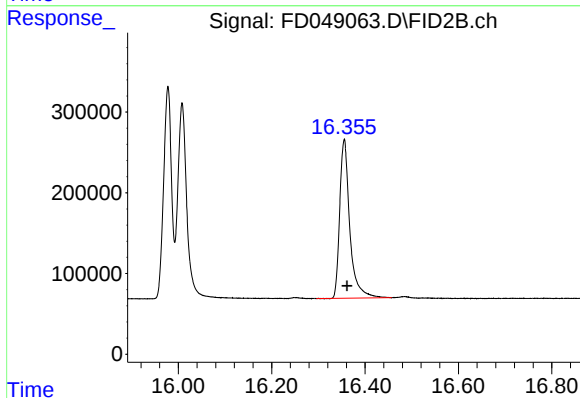
R.T.: 15.978 min  
Delta R.T.: -0.004 min  
Response: 3066373  
Conc: 22.44 ug/ml



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

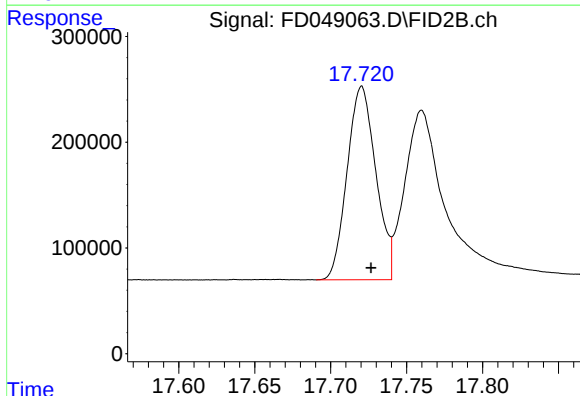
R.T.: 16.008 min  
Delta R.T.: -0.005 min  
Response: 3248053  
Conc: 20.06 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



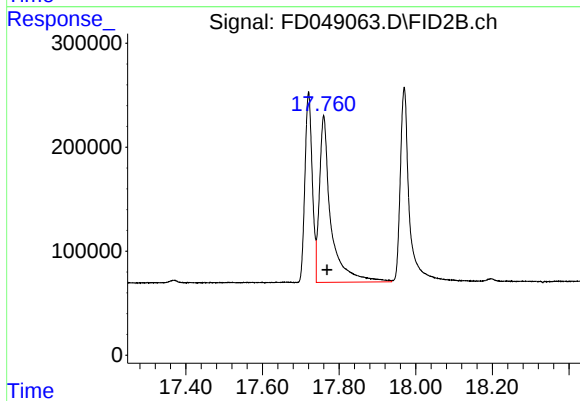
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min  
Delta R.T.: -0.006 min  
Response: 2938625  
Conc: 21.11 ug/ml



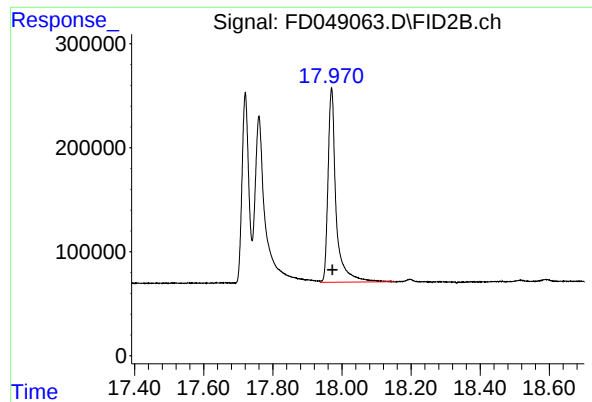
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.720 min  
Delta R.T.: -0.006 min  
Response: 2408562  
Conc: 23.09 ug/ml



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

R.T.: 17.760 min  
Delta R.T.: -0.009 min  
Response: 3353379  
Conc: 23.49 ug/ml



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

R.T.: 17.970 min  
Delta R.T.: -0.002 min  
Response: 3039370  
Conc: 21.31 ug/ml

Instrument :

FID\_D

ClientSampleId :