

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022323AR\  
 Data File : FD045161.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Feb 2023 14:55  
 Operator : YP/AJ  
 Sample : 01627-09  
 Misc : 2.5 PPM WATER MDL  
 ALS Vial : 80 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 25 03:01:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 022123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 22 04:55:52 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...      | 7.556  | 5879919    | 43.841 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 87.68%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.413  | 3854956    | 43.014 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 86.03%       |
| 11) S ortho-Terphenyl (SURR)       | 11.452 | 5855228    | 34.813 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 69.63%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.365  | 284519     | 1.900 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.895  | 325563     | 2.074 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.943  | 321246     | 2.053 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.214  | 299880     | 2.100 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.509  | 306375     | 2.032 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.286  | 328955     | 2.232 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.676 | 300724     | 2.077 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.750 | 303559     | 2.242 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.480 | 316446     | 2.208 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.775 | 301979     | 2.157 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.679 | 287277     | 2.258 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.728 | 51754      | 0.391 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.210 | 279111     | 2.128 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.210 | 279111     | 2.152 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.553 | 245903     | 1.916 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.953 | 279136     | 2.222 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.953 | 279136     | 2.282 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.161 | 267711     | 2.110 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

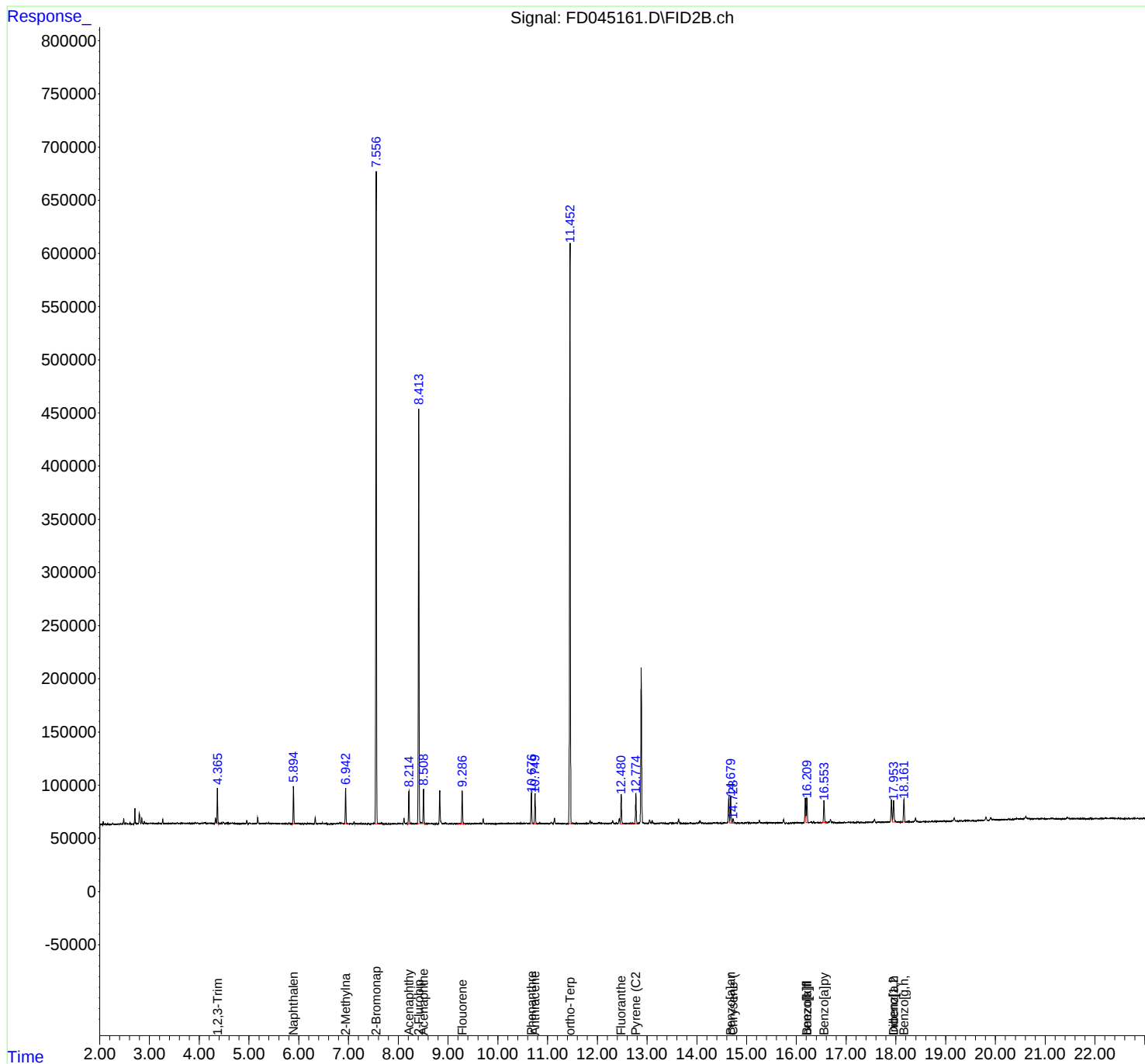
(m)=manual int.

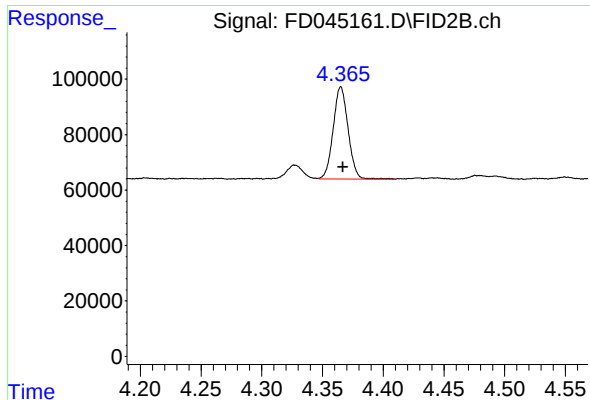
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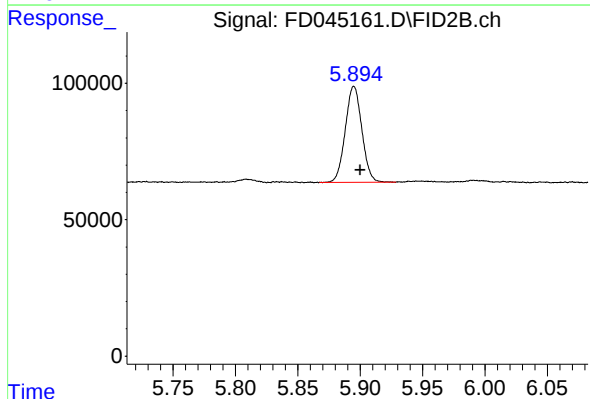




#1 1,2,3-Trimethylbenzene (C10.1)

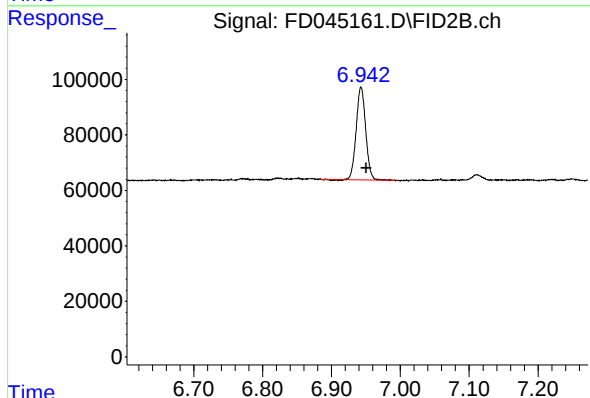
R.T.: 4.365 min  
Delta R.T.: -0.002 min  
Response: 284519  
Conc: 1.90 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



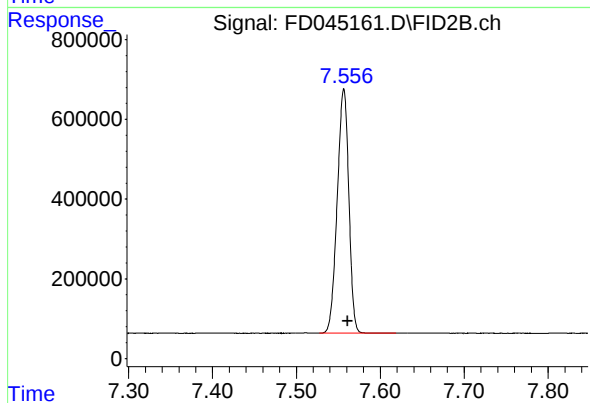
#2 Naphthalene (C11.7)

R.T.: 5.895 min  
Delta R.T.: -0.005 min  
Response: 325563  
Conc: 2.07 ug/ml



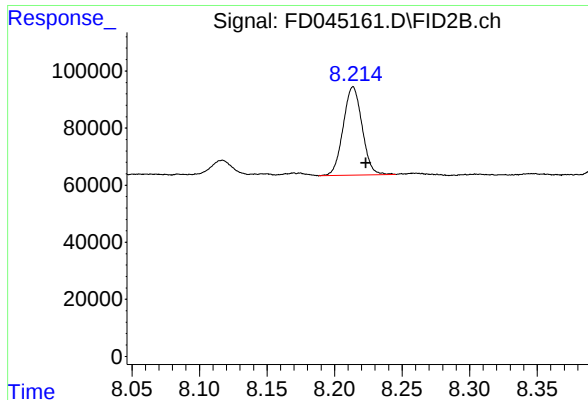
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min  
Delta R.T.: -0.008 min  
Response: 321246  
Conc: 2.05 ug/ml



#4 2-Bromonaphthalene (SURR)

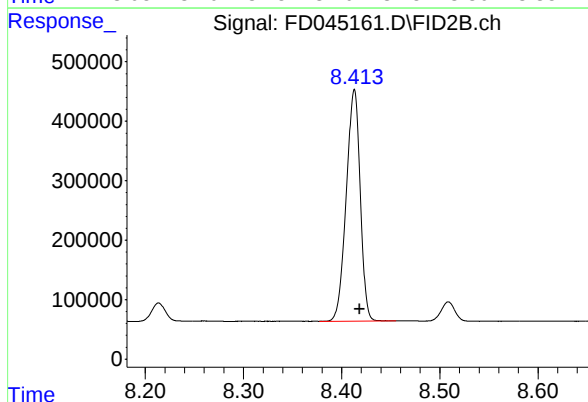
R.T.: 7.556 min  
Delta R.T.: -0.005 min  
Response: 5879919  
Conc: 43.84 ug/ml



#5 Acenaphthylene (C15.06)

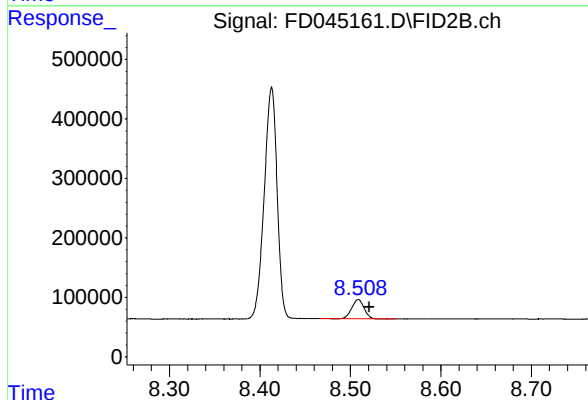
R.T.: 8.214 min  
Delta R.T.: -0.010 min  
Response: 299880  
Conc: 2.10 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



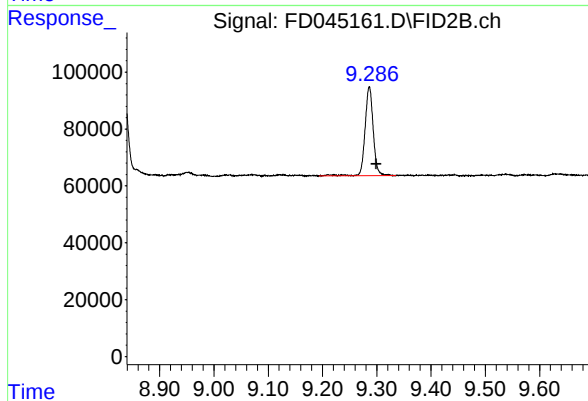
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min  
Delta R.T.: -0.006 min  
Response: 3854956  
Conc: 43.01 ug/ml



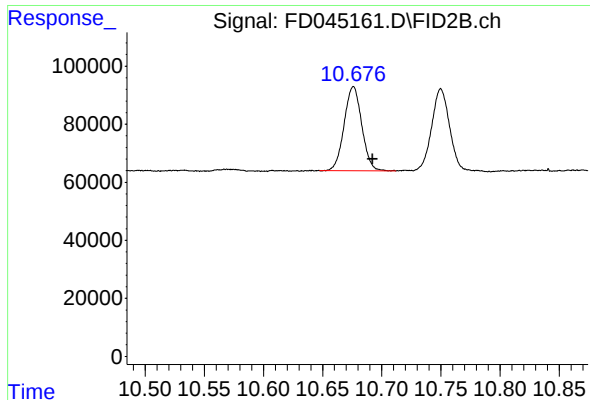
#7 Acenaphthene (C15.5)

R.T.: 8.509 min  
Delta R.T.: -0.012 min  
Response: 306375  
Conc: 2.03 ug/ml



#8 Flouorene (C16.55)

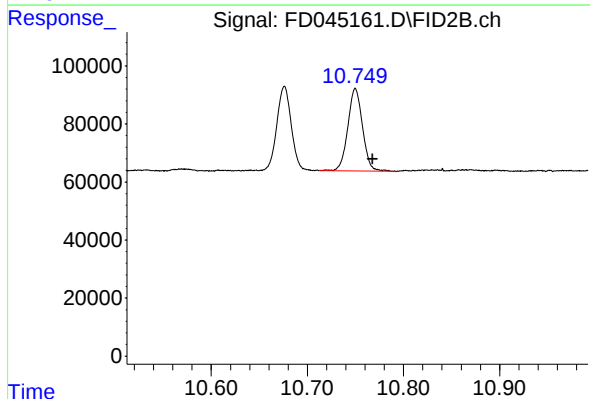
R.T.: 9.286 min  
Delta R.T.: -0.013 min  
Response: 328955  
Conc: 2.23 ug/ml



#9 Phenanthrene (C19.36)

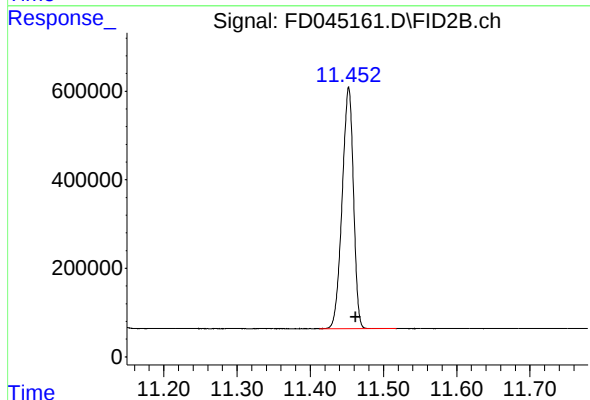
R.T.: 10.676 min  
Delta R.T.: -0.016 min  
Response: 300724  
Conc: 2.08 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



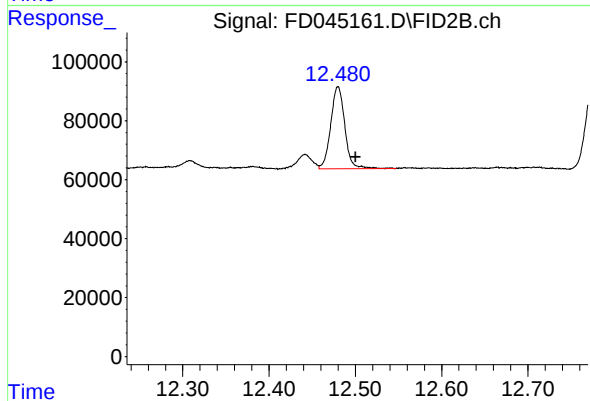
#10 Anthracene (C19.43)

R.T.: 10.750 min  
Delta R.T.: -0.018 min  
Response: 303559  
Conc: 2.24 ug/ml



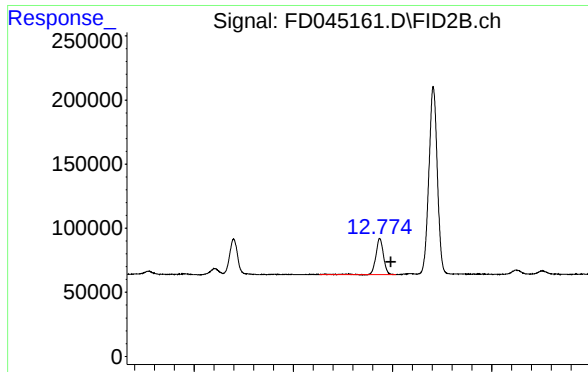
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min  
Delta R.T.: -0.010 min  
Response: 5855228  
Conc: 34.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.480 min  
Delta R.T.: -0.020 min  
Response: 316446  
Conc: 2.21 ug/ml



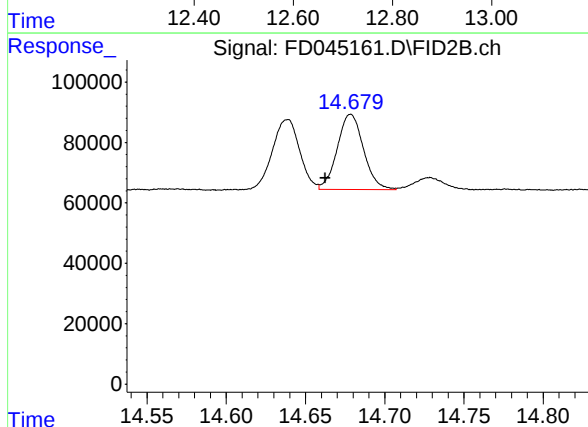
#13 Pyrene (C20.8)

R.T.: 12.775 min  
Delta R.T.: -0.022 min  
Response: 301979  
Conc: 2.16 ug/ml

Instrument :

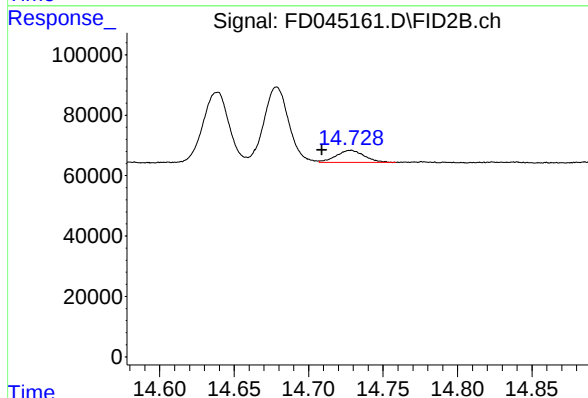
FID\_D

ClientSampleId :



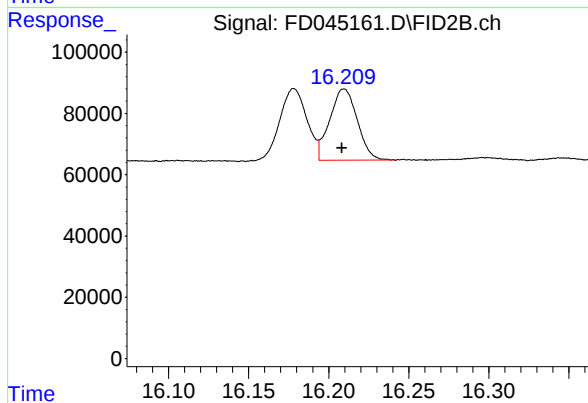
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.679 min  
Delta R.T.: 0.016 min  
Response: 287277  
Conc: 2.26 ug/ml



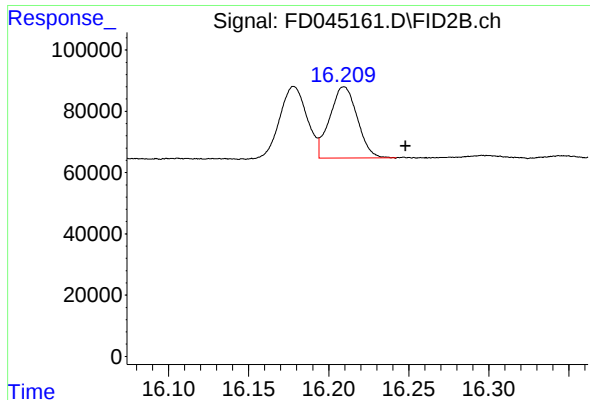
#15 Chrysene (C27.41)

R.T.: 14.728 min  
Delta R.T.: 0.019 min  
Response: 51754  
Conc: 0.39 ug/ml



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

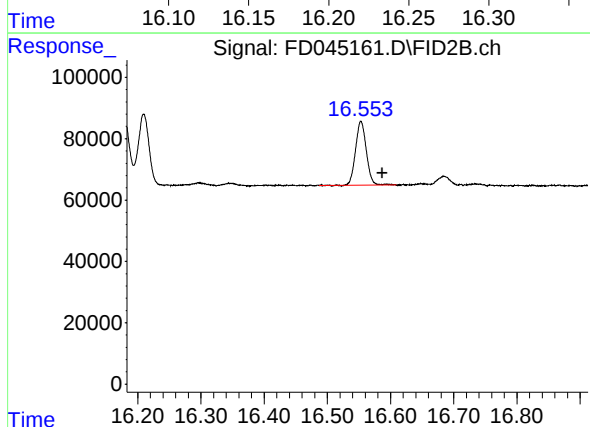
R.T.: 16.210 min  
Delta R.T.: 0.001 min  
Response: 279111  
Conc: 2.13 ug/ml



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

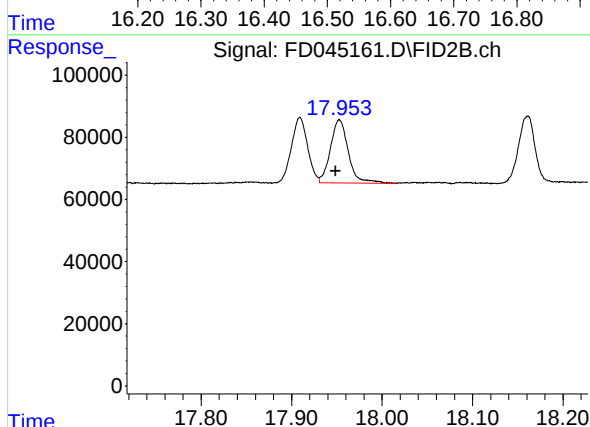
R.T.: 16.210 min  
Delta R.T.: -0.039 min  
Response: 279111  
Conc: 2.15 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



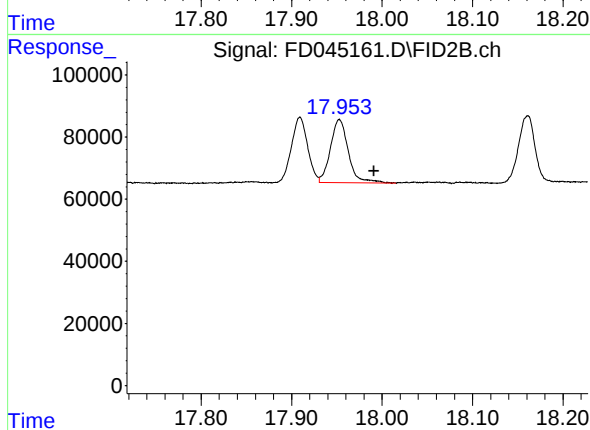
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.553 min  
Delta R.T.: -0.034 min  
Response: 245903  
Conc: 1.92 ug/ml



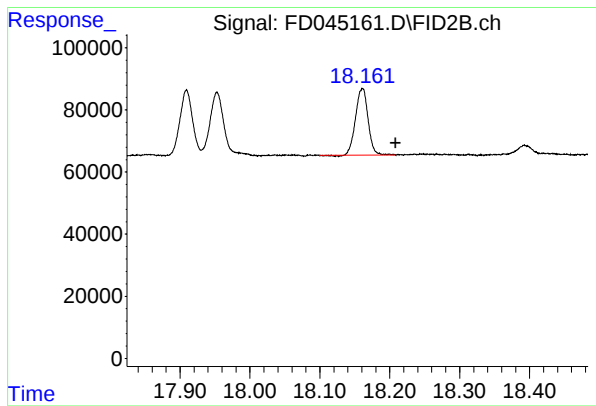
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.953 min  
Delta R.T.: 0.004 min  
Response: 279136  
Conc: 2.22 ug/ml



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

R.T.: 17.953 min  
Delta R.T.: -0.038 min  
Response: 279136  
Conc: 2.28 ug/ml



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

R.T.: 18.161 min  
Delta R.T.: -0.047 min  
Response: 267711  
Conc: 2.11 ug/ml

Instrument :

FID\_D

ClientSampleId :