

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062323AR\  
 Data File : FD045939.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Jun 2023 23:27  
 Operator : YP/AJ  
 Sample : 03331-10  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 24 00:32:33 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:44:25 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...      | 7.522  | 7245495    | 40.189 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 80.38%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.378  | 4722956    | 39.284 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 78.57%       |
| 11) S ortho-Terphenyl (SURR)       | 11.417 | 6584680    | 29.479 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 58.96%       |
| Target Compounds                   |        |            |              |
| 2) T Naphthalene (C11.7)           | 5.859  | 122233     | 0.577 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.908  | 83380      | 0.395 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.178  | 162421     | 0.857 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.472  | 292062     | 1.445 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.250  | 429891     | 2.170 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.644 | 3768666    | 19.699 ug/ml |
| 10) T Anthracene (C19.43)          | 10.715 | 1012220    | 5.942 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.453 | 7337512    | 39.716 ug/ml |
| 13) T Pyrene (C20.8)               | 12.746 | 5970496    | 33.430 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.607 | 3410959    | 21.786 ug/ml |
| 15) T Chrysene (C27.41)            | 14.648 | 3259027    | 19.754 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.153 | 3877095    | 25.617 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.179 | 1263330    | 8.160 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.526 | 2883440    | 19.717 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.880 | 1901167    | 12.980 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.921 | 483791     | 3.225 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.131 | 1548671    | 10.496 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

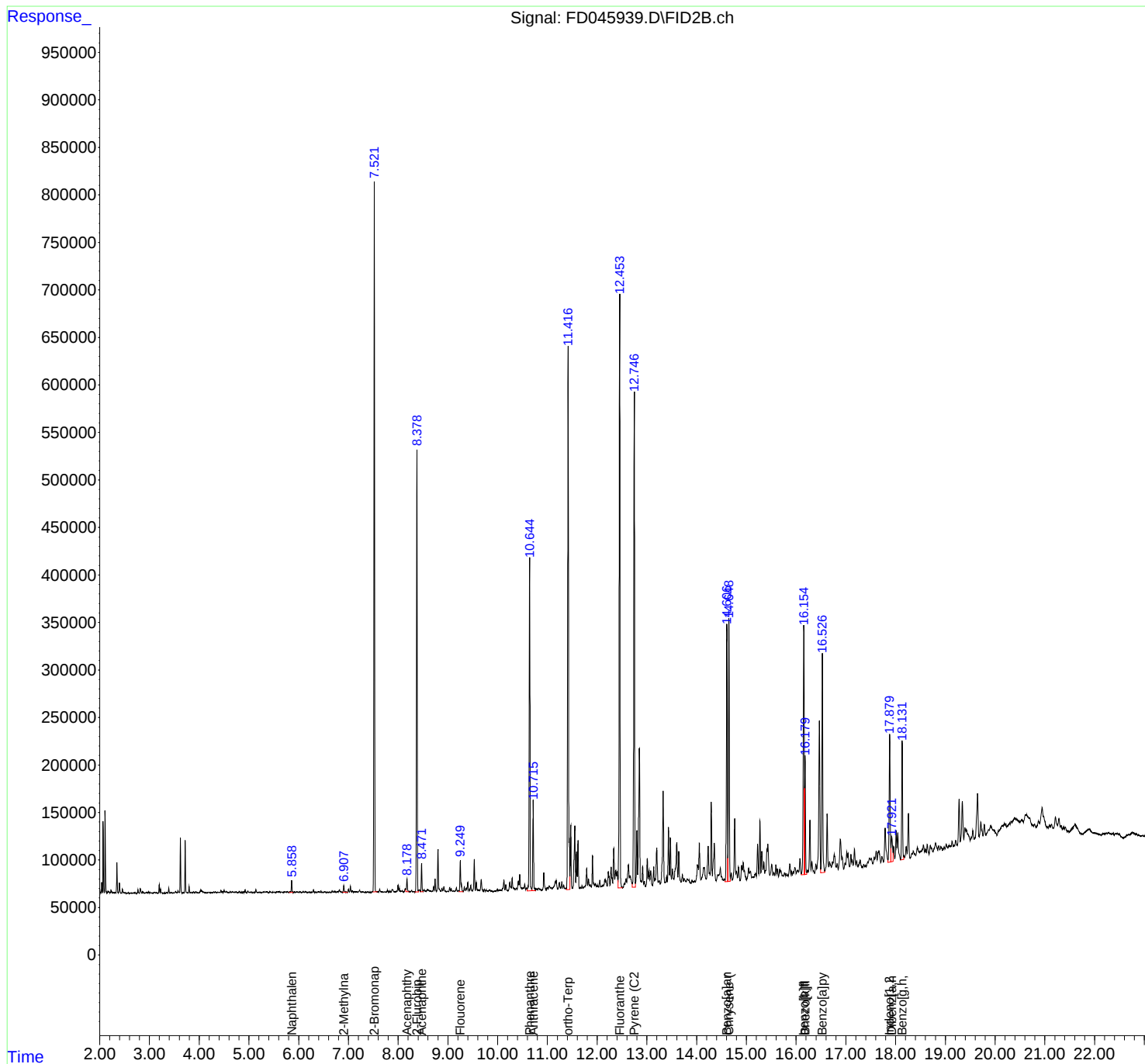
(m)=manual int.

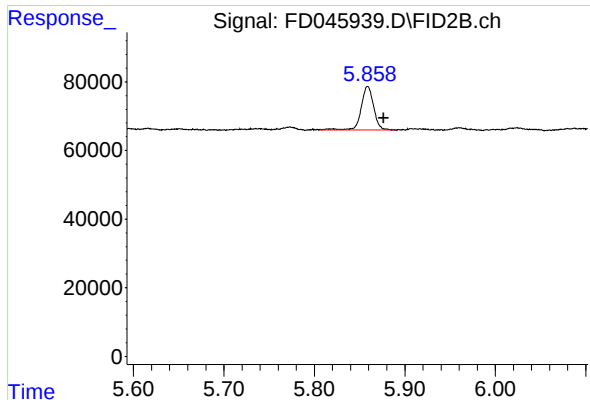
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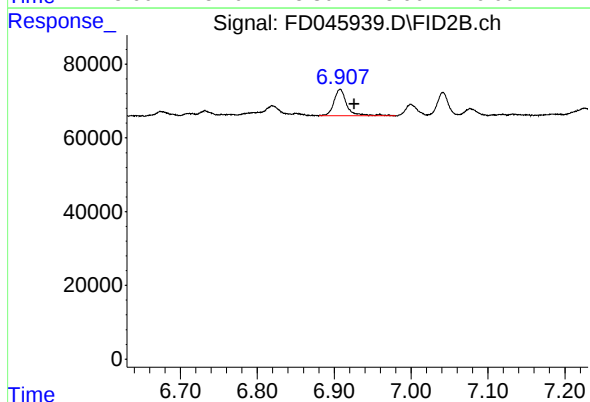




#2 Naphthalene (C11.7)

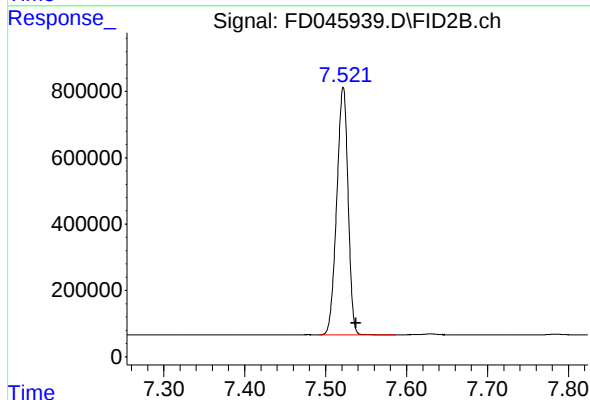
R.T.: 5.859 min  
Delta R.T.: -0.017 min  
Response: 122233  
Conc: 0.58 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



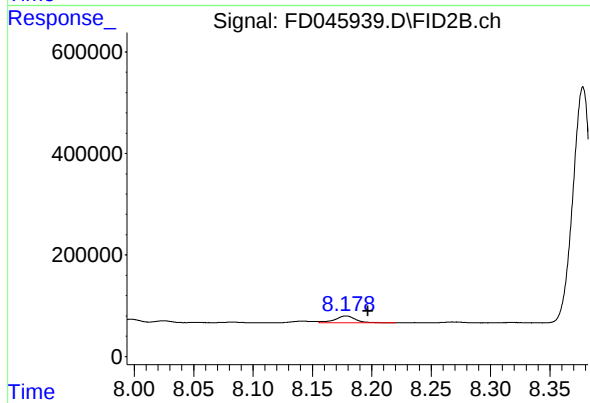
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min  
Delta R.T.: -0.018 min  
Response: 83380  
Conc: 0.39 ug/ml



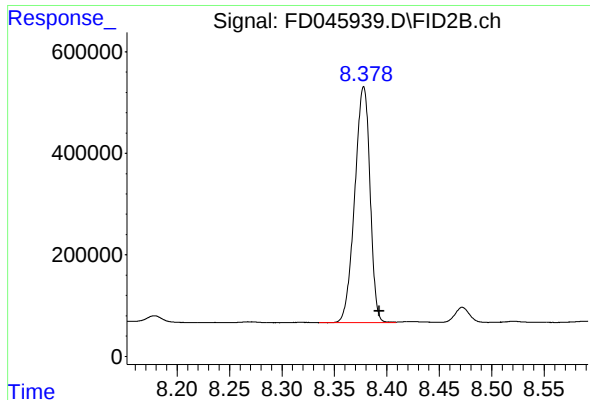
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min  
Delta R.T.: -0.016 min  
Response: 7245495  
Conc: 40.19 ug/ml



#5 Acenaphthylene (C15.06)

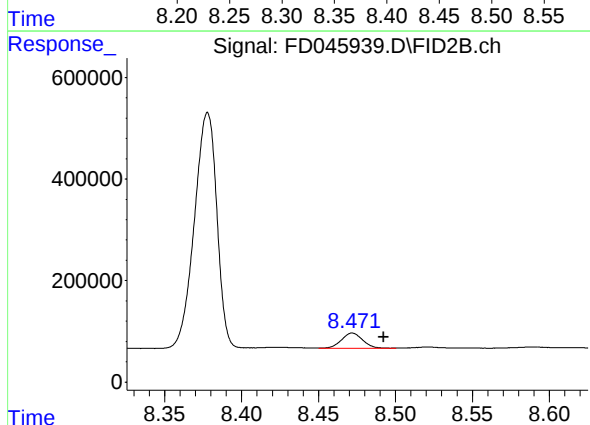
R.T.: 8.178 min  
Delta R.T.: -0.018 min  
Response: 162421  
Conc: 0.86 ug/ml



#6 2-Fluorobiphenyl (SURR)

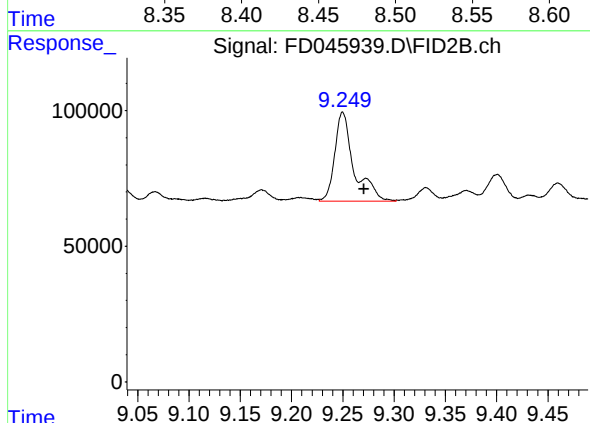
R.T.: 8.378 min  
Delta R.T.: -0.015 min  
Response: 4722956  
Conc: 39.28 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



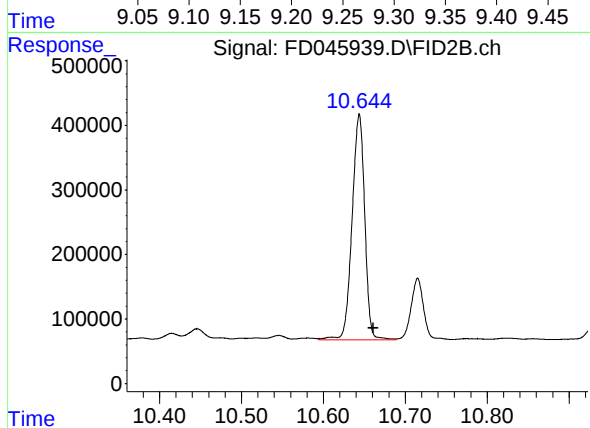
#7 Acenaphthene (C15.5)

R.T.: 8.472 min  
Delta R.T.: -0.020 min  
Response: 292062  
Conc: 1.44 ug/ml



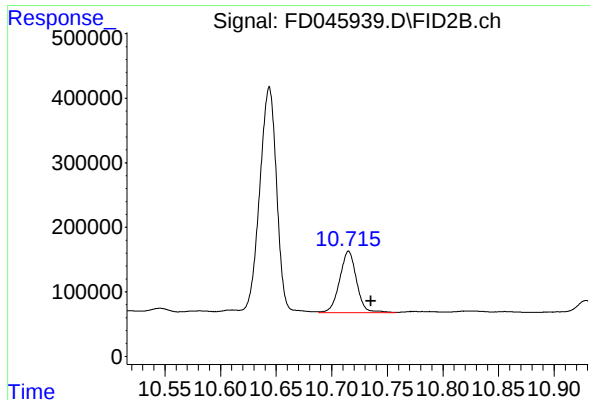
#8 Flouorene (C16.55)

R.T.: 9.250 min  
Delta R.T.: -0.020 min  
Response: 429891  
Conc: 2.17 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.644 min  
Delta R.T.: -0.017 min  
Response: 3768666  
Conc: 19.70 ug/ml



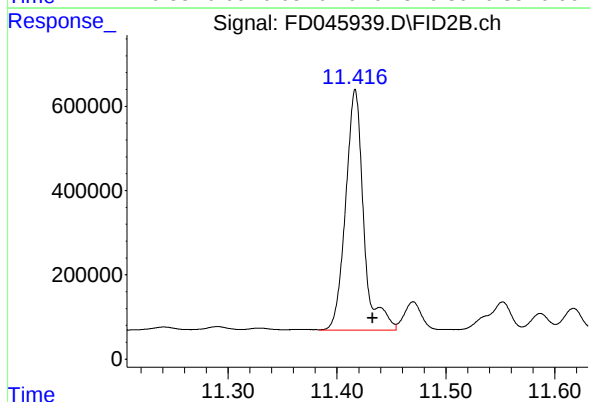
#10 Anthracene (C19.43)

R.T.: 10.715 min  
Delta R.T.: -0.020 min  
Response: 1012220  
Conc: 5.94 ug/ml

Instrument :

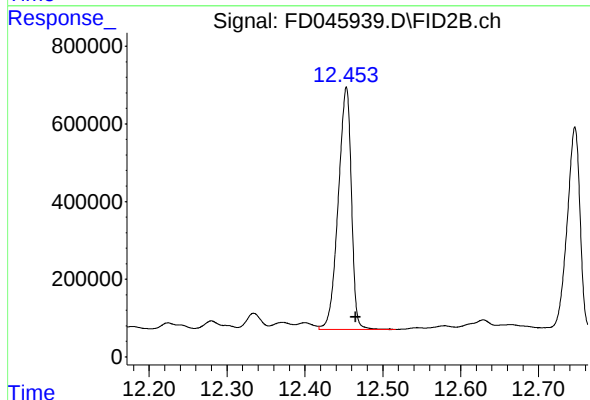
FID\_D

ClientSampleId :



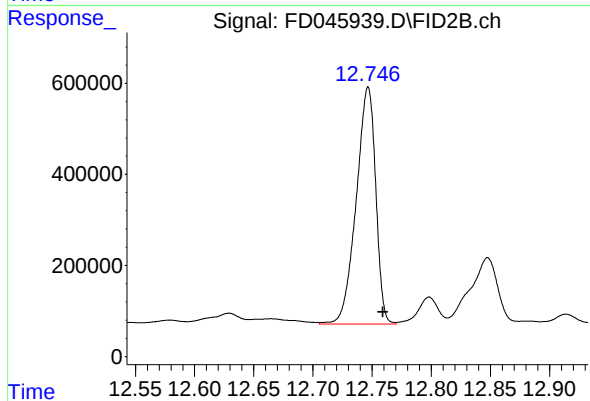
#11 ortho-Terphenyl (SURR)

R.T.: 11.417 min  
Delta R.T.: -0.016 min  
Response: 6584680  
Conc: 29.48 ug/ml



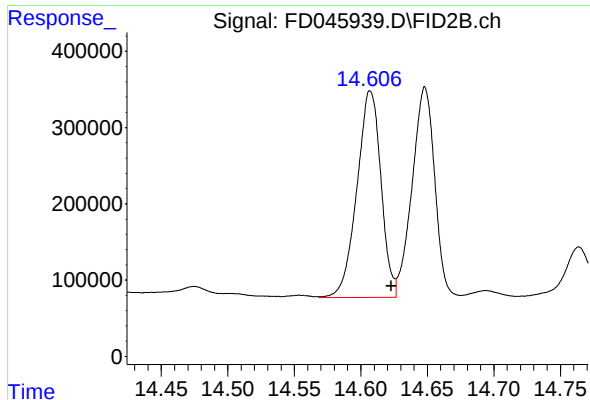
#12 Fluoranthene (C21.85)

R.T.: 12.453 min  
Delta R.T.: -0.012 min  
Response: 7337512  
Conc: 39.72 ug/ml



#13 Pyrene (C20.8)

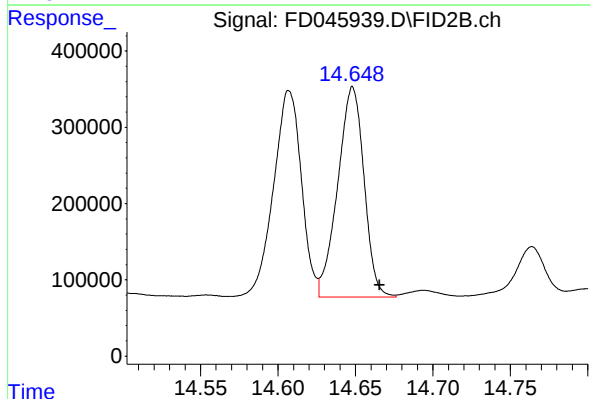
R.T.: 12.746 min  
Delta R.T.: -0.013 min  
Response: 5970496  
Conc: 33.43 ug/ml



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

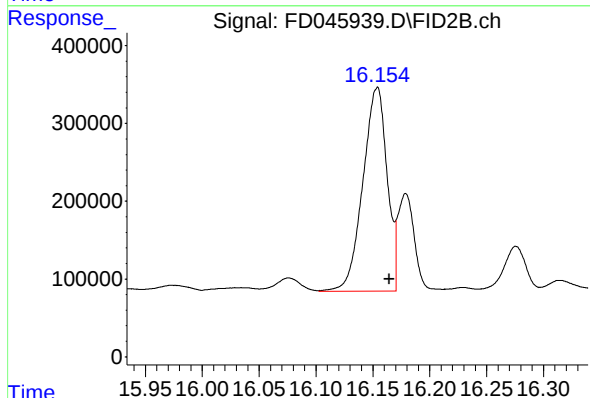
R.T.: 14.607 min  
Delta R.T.: -0.016 min  
Response: 3410959  
Conc: 21.79 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



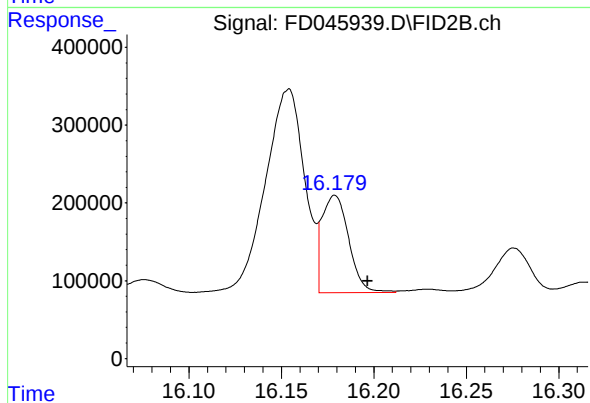
#15 Chrysene (C27.41)

R.T.: 14.648 min  
Delta R.T.: -0.018 min  
Response: 3259027  
Conc: 19.75 ug/ml



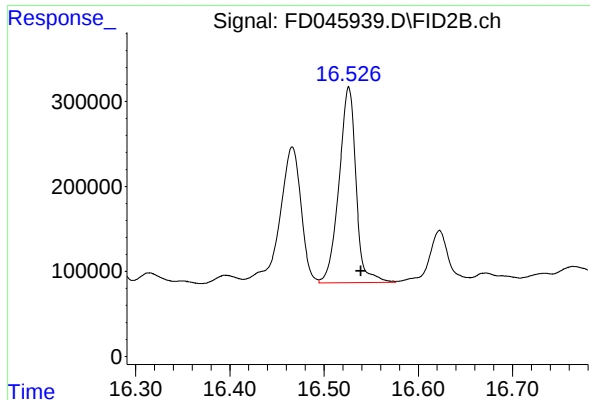
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.153 min  
Delta R.T.: -0.011 min  
Response: 3877095  
Conc: 25.62 ug/ml



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

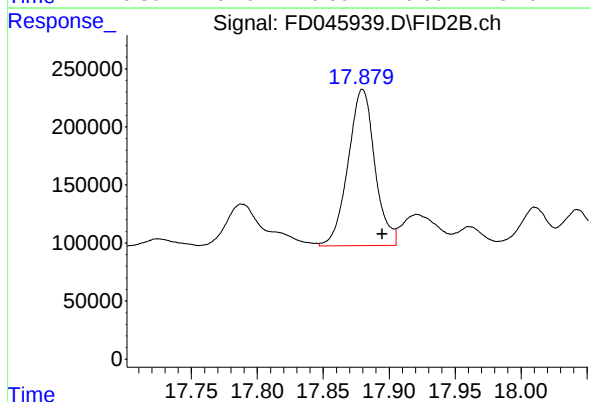
R.T.: 16.179 min  
Delta R.T.: -0.018 min  
Response: 1263330  
Conc: 8.16 ug/ml



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

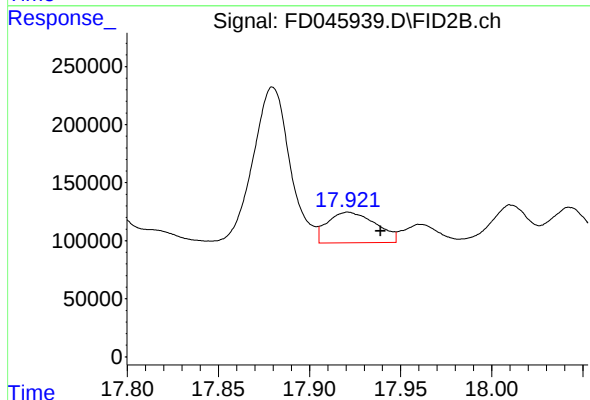
R.T.: 16.526 min  
Delta R.T.: -0.013 min  
Response: 2883440  
Conc: 19.72 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



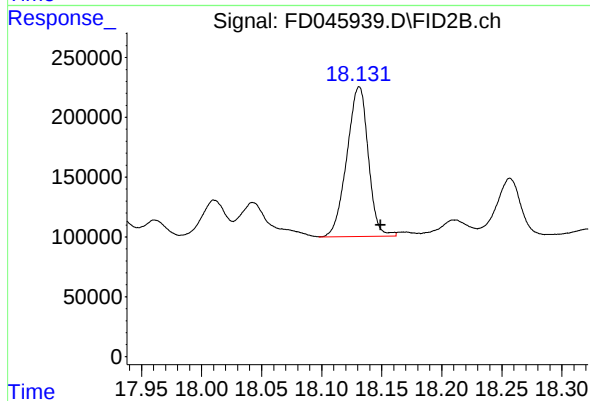
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min  
Delta R.T.: -0.015 min  
Response: 1901167  
Conc: 12.98 ug/ml



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

R.T.: 17.921 min  
Delta R.T.: -0.018 min  
Response: 483791  
Conc: 3.22 ug/ml



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

R.T.: 18.131 min  
Delta R.T.: -0.018 min  
Response: 1548671  
Conc: 10.50 ug/ml