

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062423AR\  
 Data File : FD045959.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Jun 2023 22:30  
 Operator : YP/AJ  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 77 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 25 04:30:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062423.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jun 25 04:30:00 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...      | 7.523  | 11137532   | 50.595 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 101.19%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.379  | 7219408    | 50.580 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 101.16%      |
| 11) S ortho-Terphenyl (SURR)       | 11.419 | 12933051   | 50.410 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 100.82%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.332  | 12778271   | 50.541 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.862  | 13091291   | 50.554 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.912  | 12974910   | 50.509 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.183  | 11308252   | 50.839 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.480  | 12158370   | 50.590 ug/ml |
| 8) T Fluorene (C16.55)             | 9.258  | 11732709   | 50.605 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.648 | 10982870   | 50.498 ug/ml |
| 10) T Anthracene (C19.43)          | 10.722 | 8275788    | 55.311 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.453 | 10276515   | 50.236 ug/ml |
| 13) T Pyrene (C20.8)               | 12.748 | 9948491    | 50.454 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.613 | 9087618    | 51.005 ug/ml |
| 15) T Chrysene (C27.41)            | 14.658 | 9545151    | 50.316 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.157 | 9529099    | 50.073 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.194 | 9372865    | 50.359 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.534 | 9129777    | 52.318 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.894 | 9467977    | 50.001 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.937 | 9284533    | 50.453 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.152 | 9531758    | 50.415 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

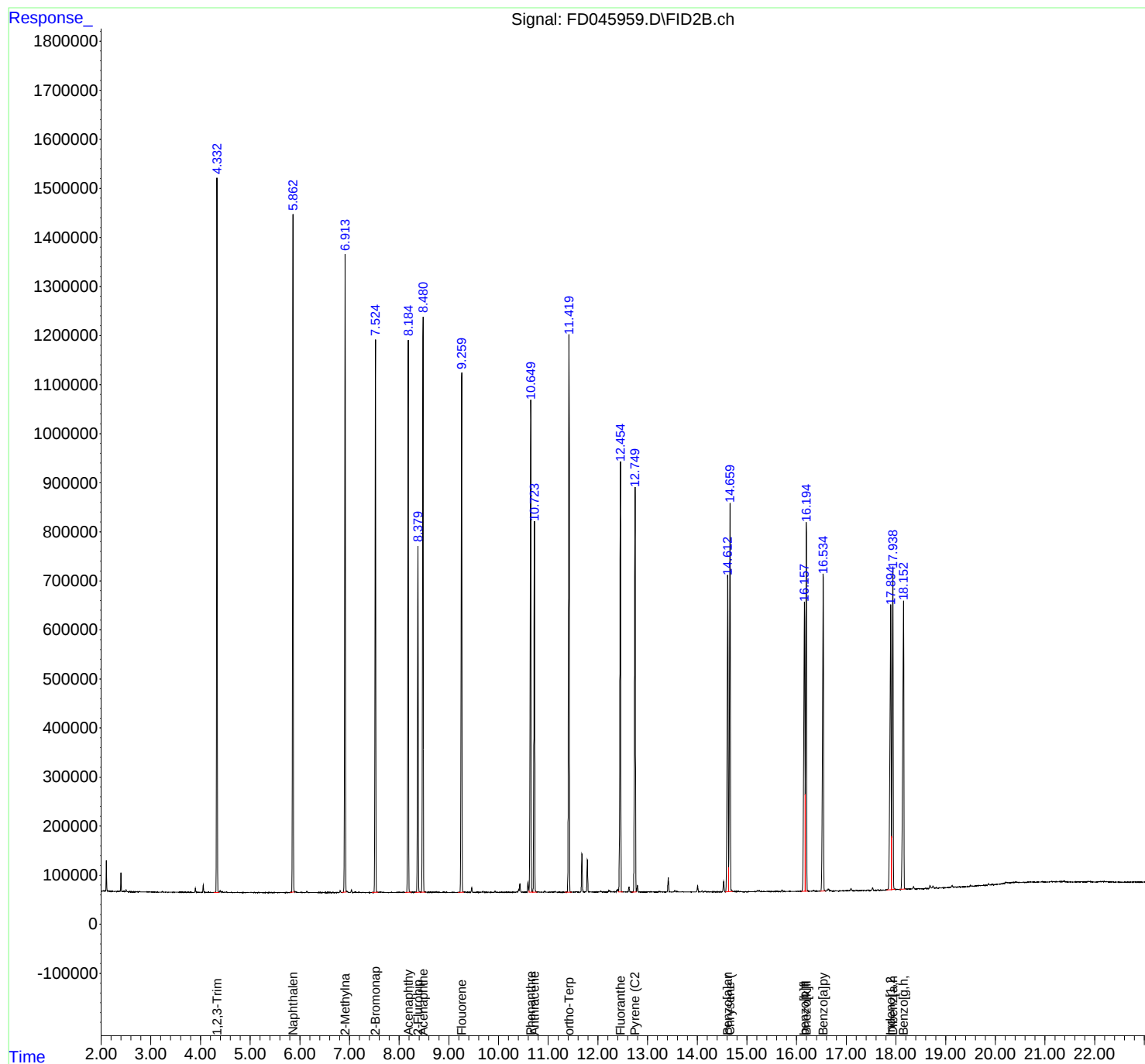
(m)=manual int.

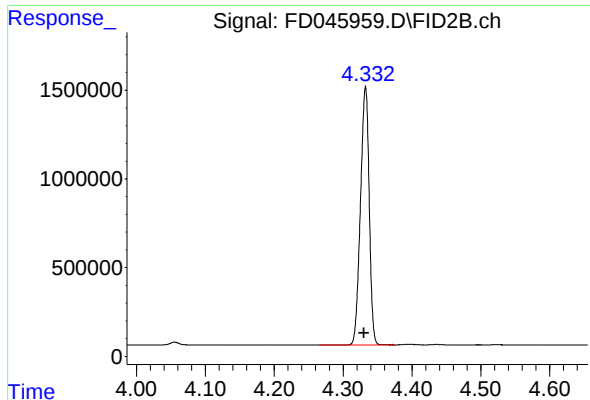
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062423AR\  
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Acq On : 24 Jun 2023 22:30  
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Volume Inj. : 1 µl  
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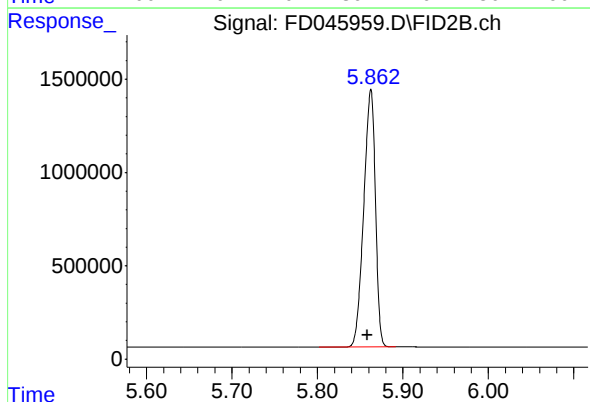




#1 1,2,3-Trimethylbenzene (C10.1)

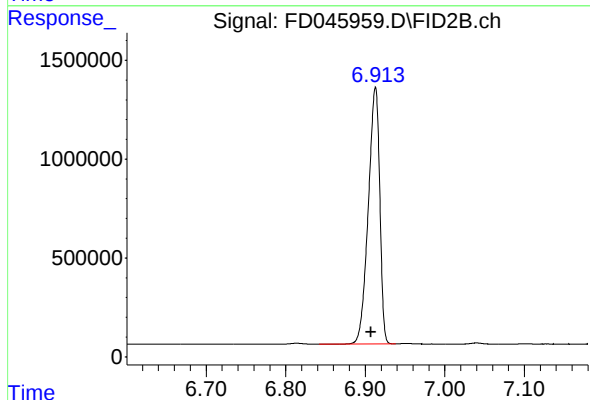
R.T.: 4.332 min  
Delta R.T.: 0.002 min  
Response: 12778271  
Conc: 50.54 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



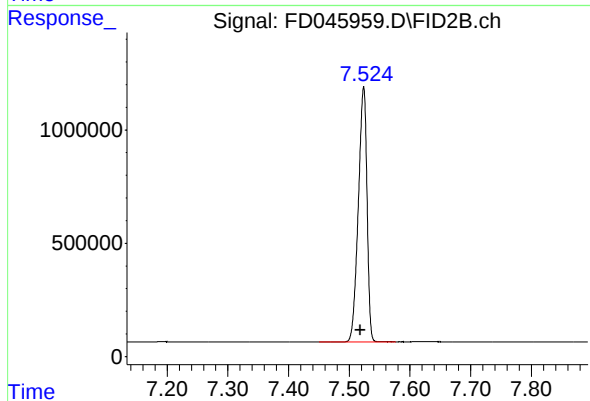
#2 Naphthalene (C11.7)

R.T.: 5.862 min  
Delta R.T.: 0.004 min  
Response: 13091291  
Conc: 50.55 ug/ml



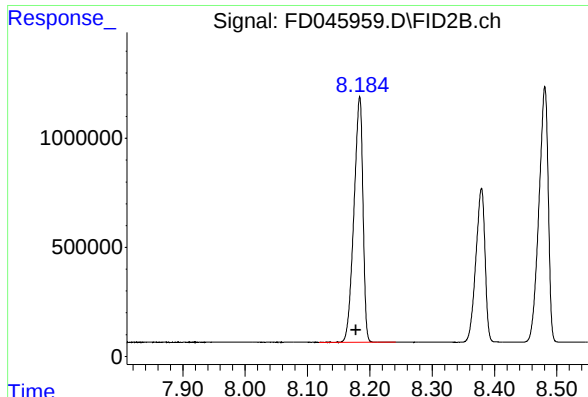
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min  
Delta R.T.: 0.005 min  
Response: 12974910  
Conc: 50.51 ug/ml



#4 2-Bromonaphthalene (SURR)

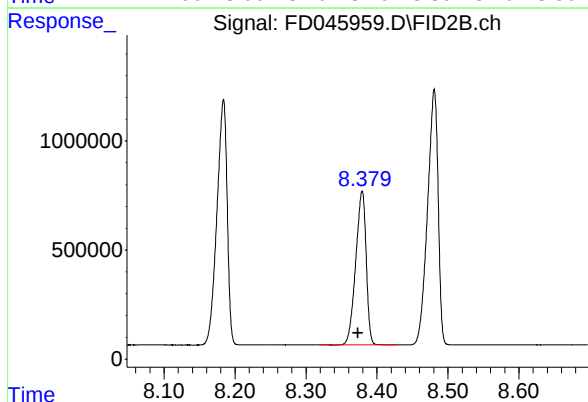
R.T.: 7.523 min  
Delta R.T.: 0.005 min  
Response: 11137532  
Conc: 50.60 ug/ml



#5 Acenaphthylene (C15.06)

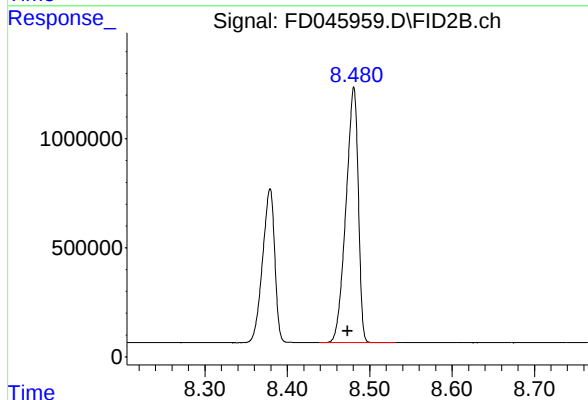
R.T.: 8.183 min  
Delta R.T.: 0.006 min  
Response: 11308252  
Conc: 50.84 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



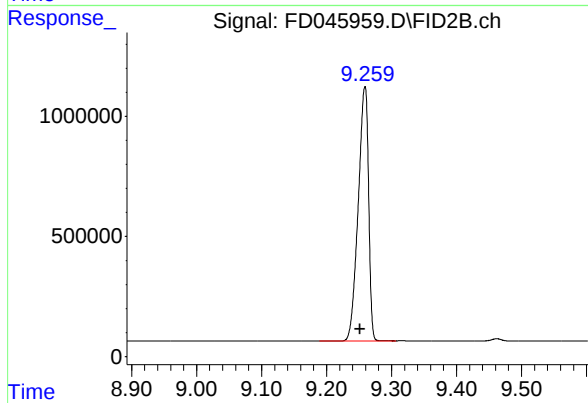
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min  
Delta R.T.: 0.005 min  
Response: 7219408  
Conc: 50.58 ug/ml



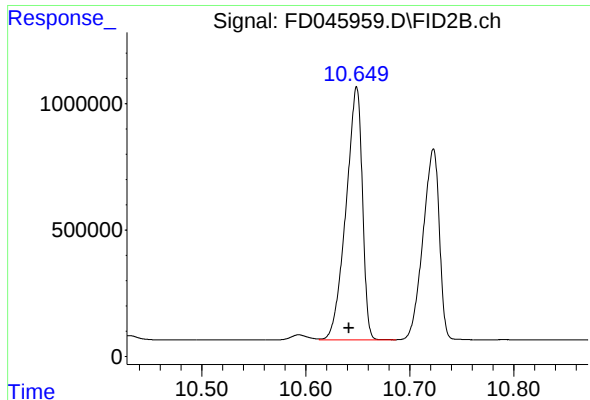
#7 Acenaphthene (C15.5)

R.T.: 8.480 min  
Delta R.T.: 0.007 min  
Response: 12158370  
Conc: 50.59 ug/ml



#8 Flouorene (C16.55)

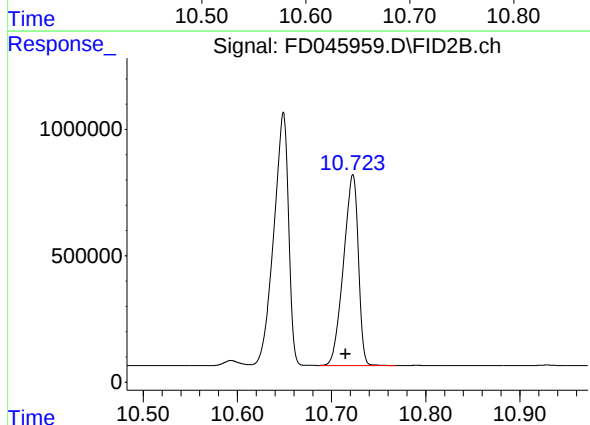
R.T.: 9.258 min  
Delta R.T.: 0.007 min  
Response: 11732709  
Conc: 50.61 ug/ml



#9 Phenanthrene (C19.36)

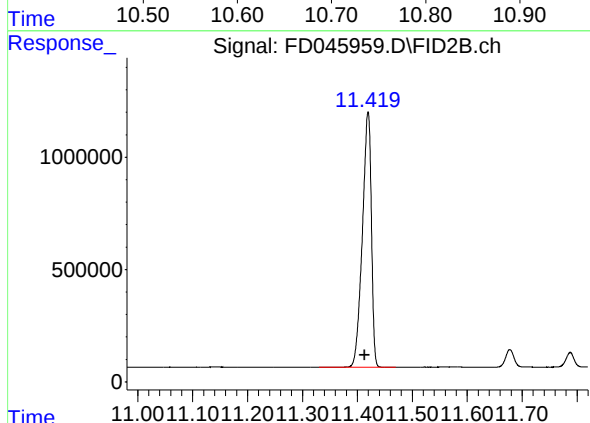
R.T.: 10.648 min  
Delta R.T.: 0.007 min  
Response: 10982870  
Conc: 50.50 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



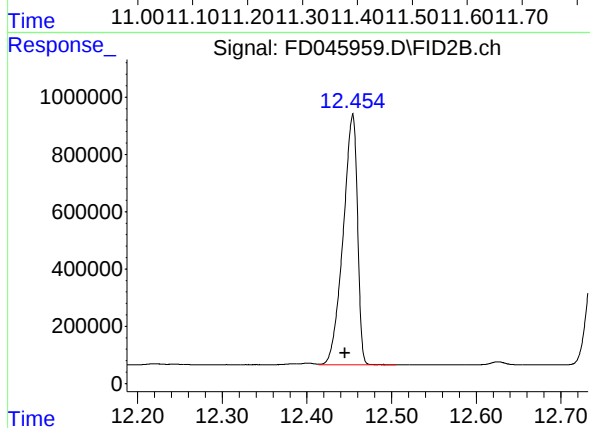
#10 Anthracene (C19.43)

R.T.: 10.722 min  
Delta R.T.: 0.007 min  
Response: 8275788  
Conc: 55.31 ug/ml



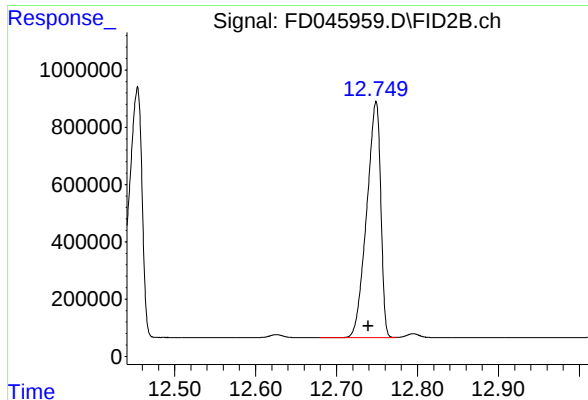
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min  
Delta R.T.: 0.006 min  
Response: 12933051  
Conc: 50.41 ug/ml



#12 Fluoranthene (C21.85)

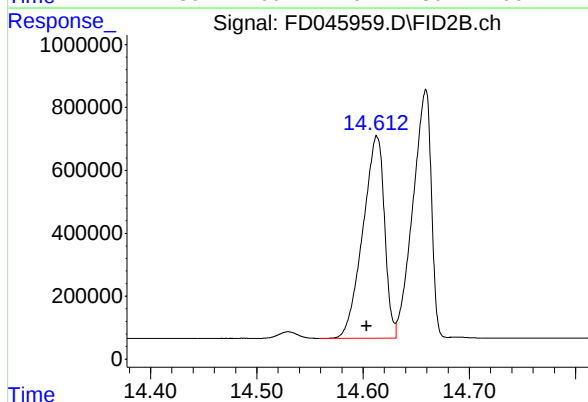
R.T.: 12.453 min  
Delta R.T.: 0.008 min  
Response: 10276515  
Conc: 50.24 ug/ml



#13 Pyrene (C20.8)

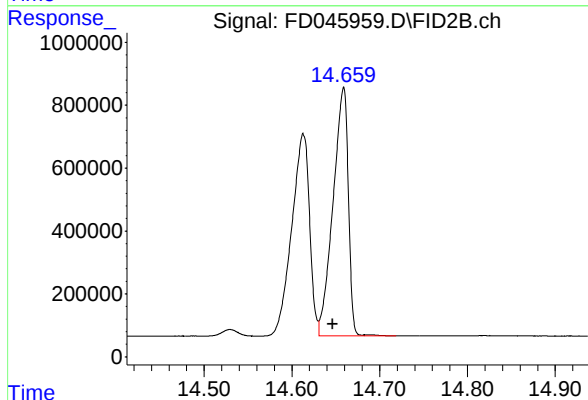
R.T.: 12.748 min  
Delta R.T.: 0.009 min  
Response: 9948491  
Conc: 50.45 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



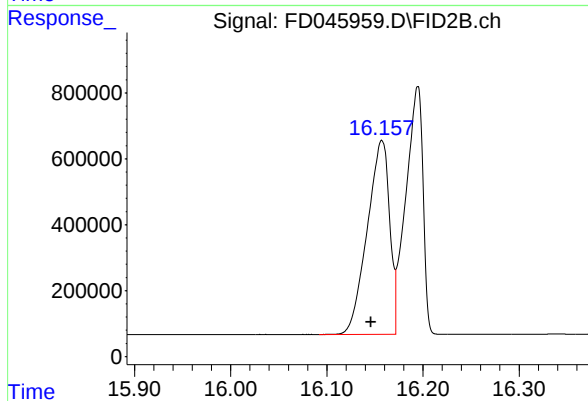
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.613 min  
Delta R.T.: 0.009 min  
Response: 9087618  
Conc: 51.01 ug/ml



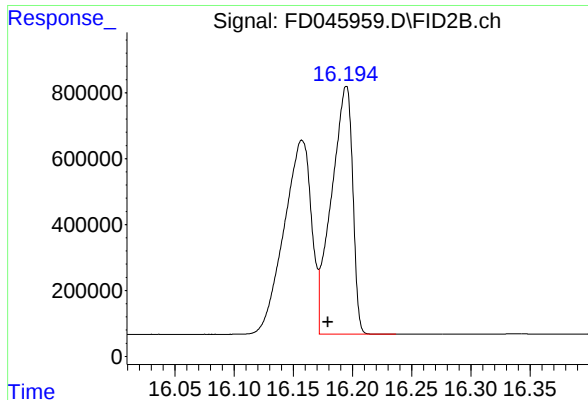
#15 Chrysene (C27.41)

R.T.: 14.658 min  
Delta R.T.: 0.012 min  
Response: 9545151  
Conc: 50.32 ug/ml



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

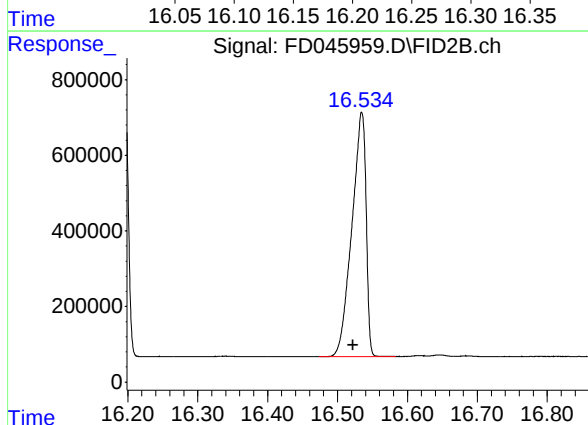
R.T.: 16.157 min  
Delta R.T.: 0.011 min  
Response: 9529099  
Conc: 50.07 ug/ml



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

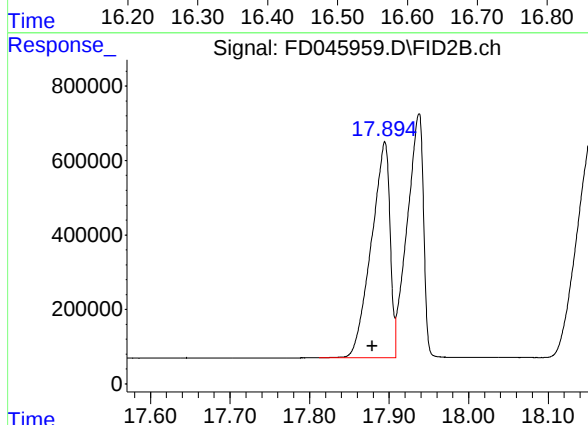
R.T.: 16.194 min  
Delta R.T.: 0.015 min  
Response: 9372865  
Conc: 50.36 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



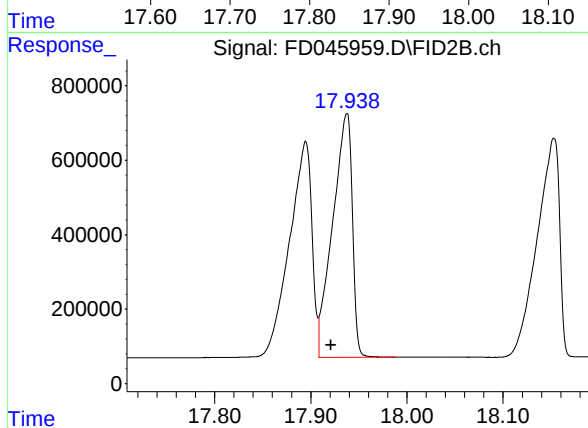
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.534 min  
Delta R.T.: 0.012 min  
Response: 9129777  
Conc: 52.32 ug/ml



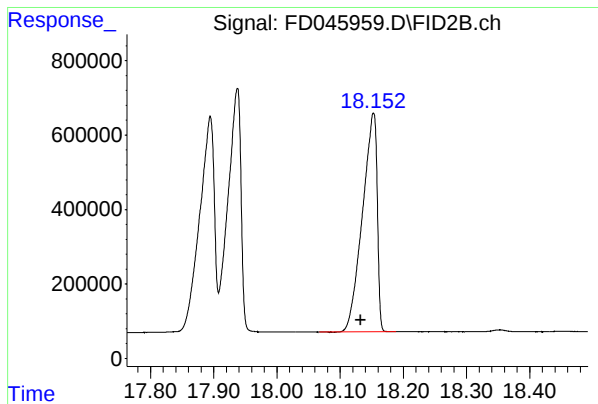
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.894 min  
Delta R.T.: 0.015 min  
Response: 9467977  
Conc: 50.00 ug/ml



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

R.T.: 17.937 min  
Delta R.T.: 0.015 min  
Response: 9284533  
Conc: 50.45 ug/ml



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

R.T.: 18.152 min  
Delta R.T.: 0.020 min  
Response: 9531758  
Conc: 50.42 ug/ml

Instrument :  
FID\_D  
ClientSampleId :