

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082322AR\  
 Data File : FD043721.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Aug 2022 21:12  
 Operator : YP/AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Aug 24 02:32:00 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 082322.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 24 02:27:55 2022  
 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...      | 7.492  | 17017983   | 98.829 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 197.66%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.348  | 11265615   | 102.776 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 205.55%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.386 | 19273471   | 95.470 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 190.94%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.291  | 19217709   | 97.659 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.830  | 19654711   | 98.592 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.878  | 17816646   | 99.971 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.154  | 19071583   | 97.320 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.449  | 19309053   | 94.919 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.229  | 18664553   | 97.608 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.622 | 18148784   | 98.724 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.698 | 17554160   | 94.269 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.431 | 17413178   | 96.379 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.728 | 17230023   | 94.500 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.596 | 15587854   | 100.273 ug/ml |
| 15) T Chrysene (C27.41)            | 14.643 | 16027120   | 91.691 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.147 | 15043813   | 99.471 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.184 | 14659468   | 93.618 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.526 | 14000155   | 95.992 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.893 | 12532680   | 109.021 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.928 | 12936517   | 93.215 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.150 | 12731250   | 99.082 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

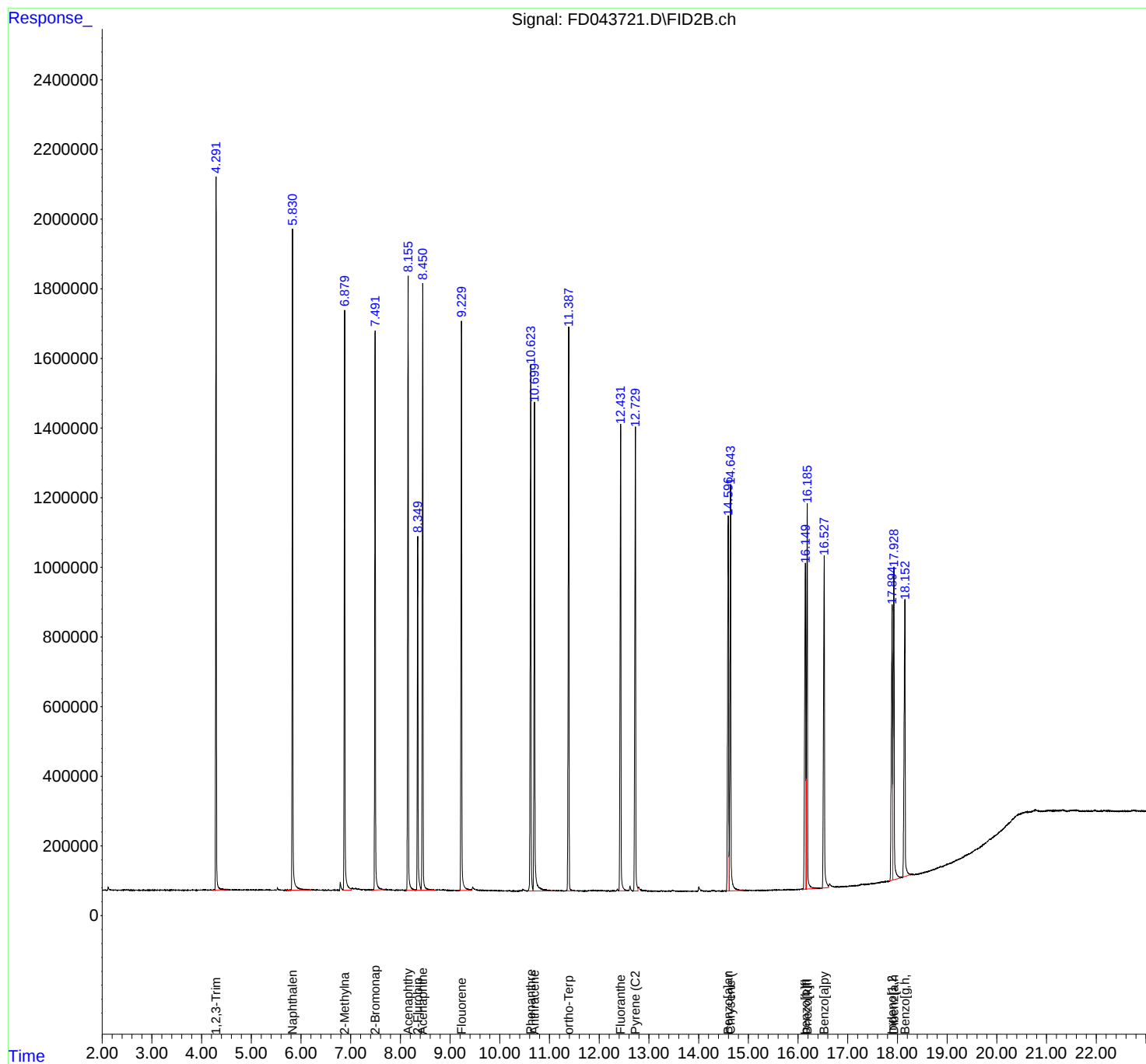
(m)=manual int.

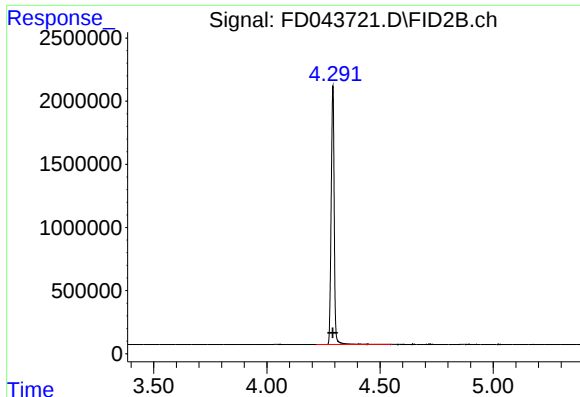
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082322AR\  
Data File : FD043721.D  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





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

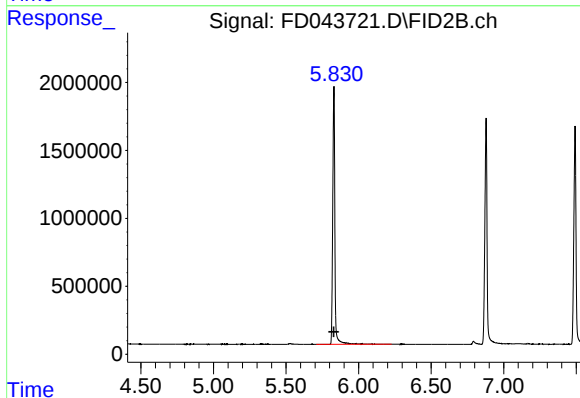
R.T.: 4.291 min  
Delta R.T.: 0.000 min  
Response: 19217709  
Conc: 97.66 ug/ml

Instrument :

FID\_D

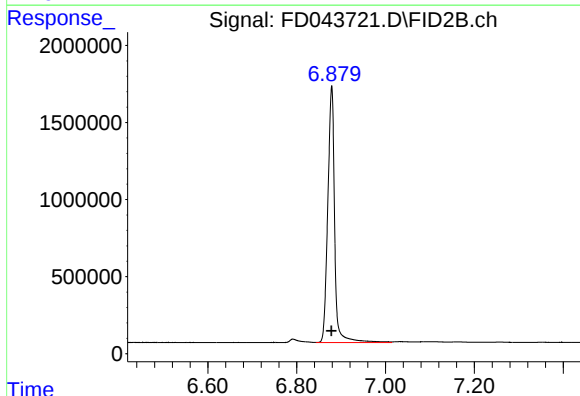
ClientSampleId :

100 PPM AROMATIC HC STD1



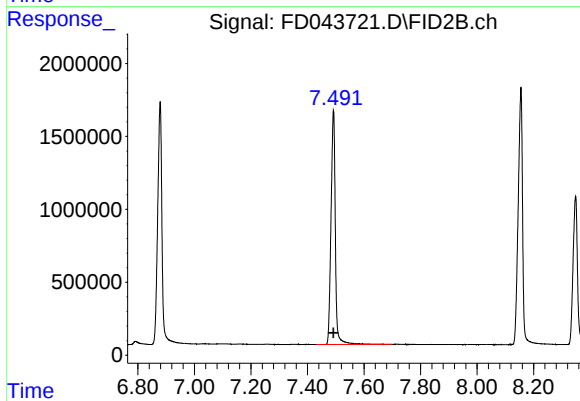
#2 Naphthalene (C11.7)

R.T.: 5.830 min  
Delta R.T.: 0.000 min  
Response: 19654711  
Conc: 98.59 ug/ml



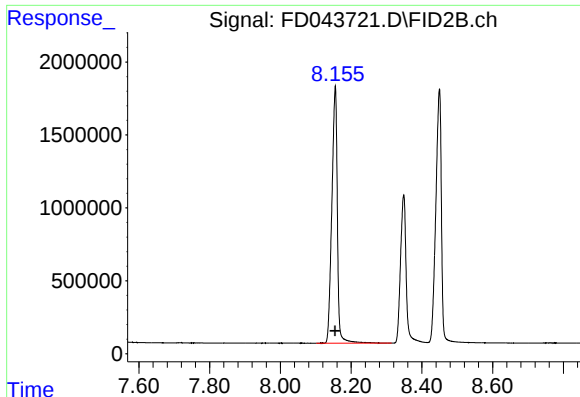
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min  
Delta R.T.: 0.000 min  
Response: 17816646  
Conc: 99.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.492 min  
Delta R.T.: 0.000 min  
Response: 17017983  
Conc: 98.83 ug/ml



#5 Acenaphthylene (C15.06)

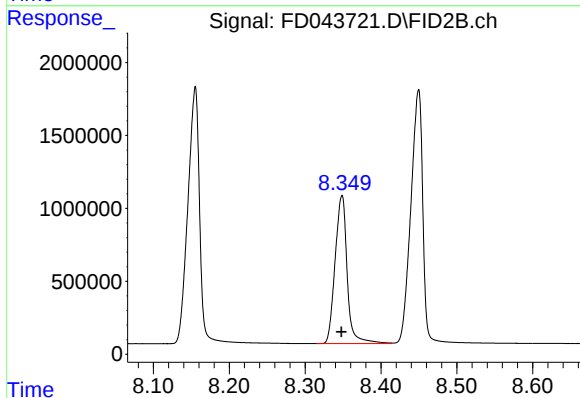
R.T.: 8.154 min  
Delta R.T.: 0.000 min  
Response: 19071583  
Conc: 97.32 ug/ml

Instrument :

FID\_D

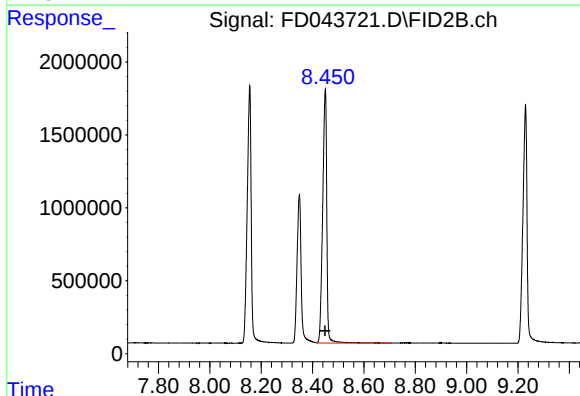
ClientSampleId :

100 PPM AROMATIC HC STD1



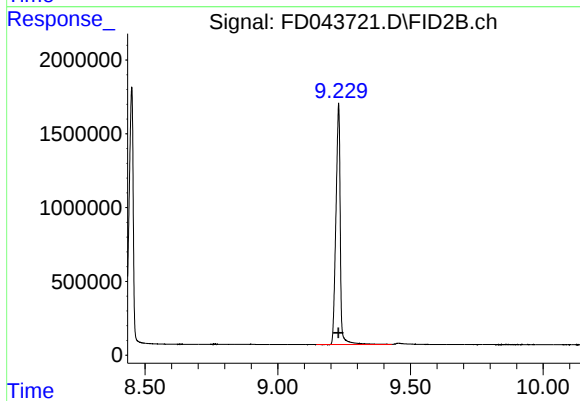
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.348 min  
Delta R.T.: 0.000 min  
Response: 11265615  
Conc: 102.78 ug/ml



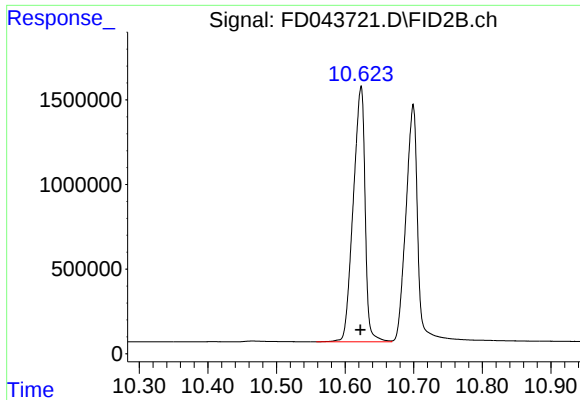
#7 Acenaphthene (C15.5)

R.T.: 8.449 min  
Delta R.T.: 0.000 min  
Response: 19309053  
Conc: 94.92 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.229 min  
Delta R.T.: 0.000 min  
Response: 18664553  
Conc: 97.61 ug/ml



#9 Phenanthrene (C19.36)

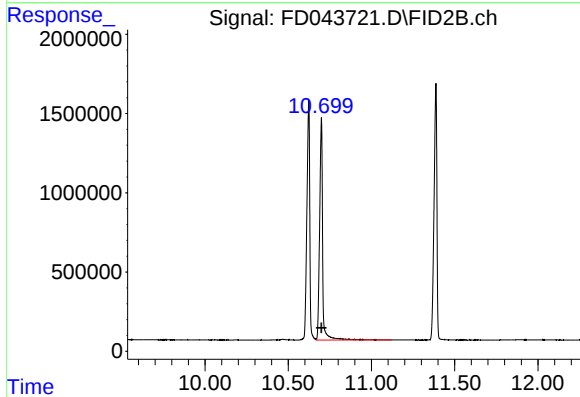
R.T.: 10.622 min  
Delta R.T.: 0.000 min  
Response: 18148784  
Conc: 98.72 ug/ml

Instrument :

FID\_D

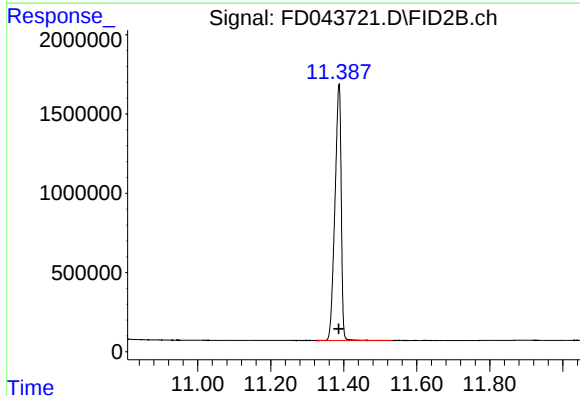
ClientSampleId :

100 PPM AROMATIC HC STD1



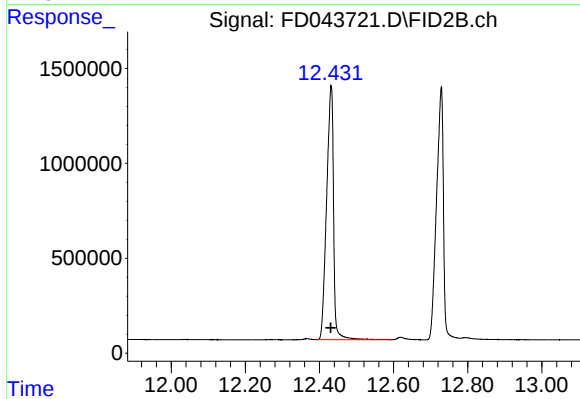
#10 Anthracene (C19.43)

R.T.: 10.698 min  
Delta R.T.: 0.000 min  
Response: 17554160  
Conc: 94.27 ug/ml



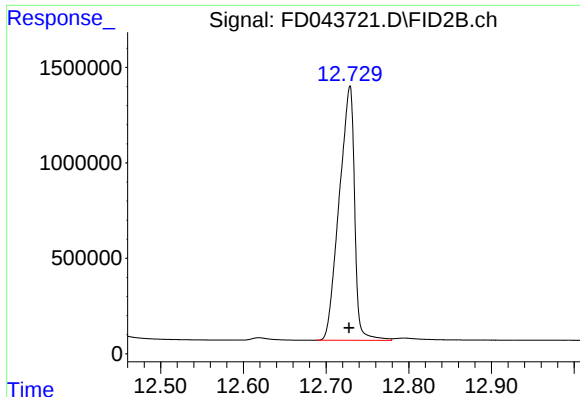
#11 ortho-Terphenyl (SURR)

R.T.: 11.386 min  
Delta R.T.: 0.000 min  
Response: 19273471  
Conc: 95.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.431 min  
Delta R.T.: 0.000 min  
Response: 17413178  
Conc: 96.38 ug/ml



#13 Pyrene (C20.8)

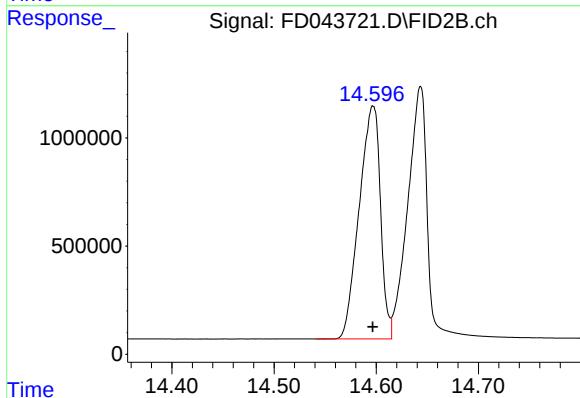
R.T.: 12.728 min  
Delta R.T.: 0.000 min  
Response: 17230023  
Conc: 94.50 ug/ml

Instrument :

FID\_D

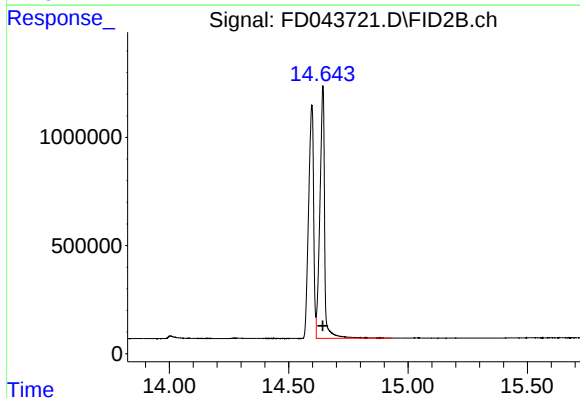
ClientSampleId :

100 PPM AROMATIC HC STD1



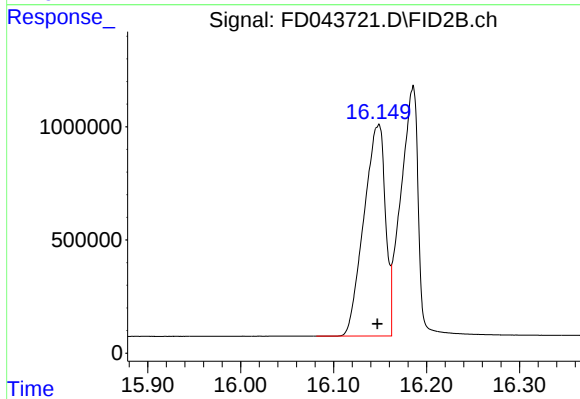
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.596 min  
Delta R.T.: 0.000 min  
Response: 15587854  
Conc: 100.27 ug/ml



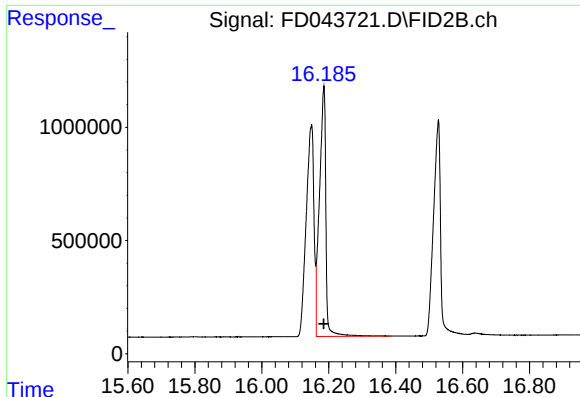
#15 Chrysene (C27.41)

R.T.: 14.643 min  
Delta R.T.: 0.000 min  
Response: 16027120  
Conc: 91.69 ug/ml



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

R.T.: 16.147 min  
Delta R.T.: 0.000 min  
Response: 15043813  
Conc: 99.47 ug/ml



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

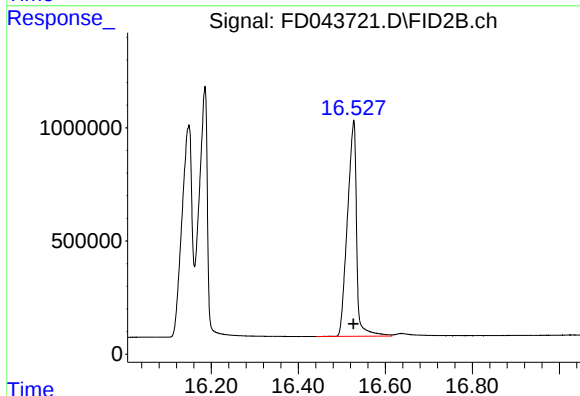
R.T.: 16.184 min  
Delta R.T.: -0.001 min  
Response: 14659468  
Conc: 93.62 ug/ml

Instrument :

FID\_D

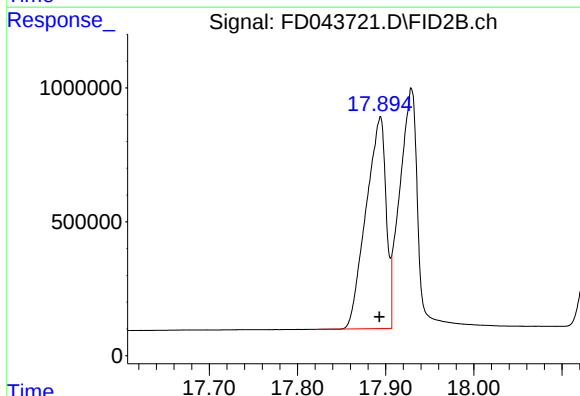
ClientSampleId :

100 PPM AROMATIC HC STD1



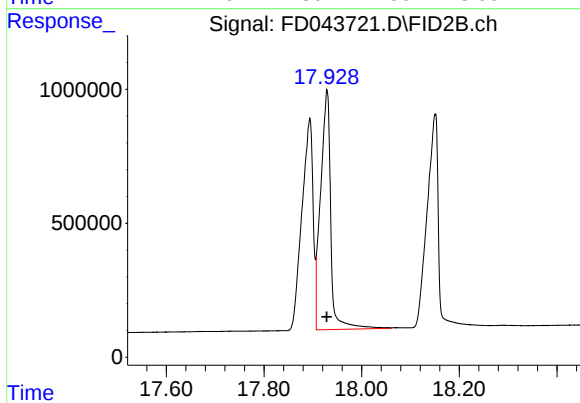
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.526 min  
Delta R.T.: 0.000 min  
Response: 14000155  
Conc: 95.99 ug/ml



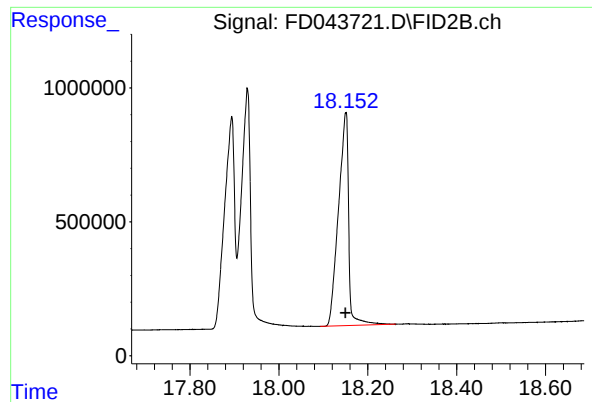
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.893 min  
Delta R.T.: 0.000 min  
Response: 12532680  
Conc: 109.02 ug/ml



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

R.T.: 17.928 min  
Delta R.T.: 0.000 min  
Response: 12936517  
Conc: 93.22 ug/ml



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

R.T.: 18.150 min  
Delta R.T.: 0.000 min  
Response: 12731250  
Conc: 99.08 ug/ml

Instrument :  
FID\_D  
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100 PPM AROMATIC HC STD1