

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101023AR\  
 Data File : FD046721.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Oct 2023 17:41  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Oct 11 02:48:35 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101023.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 11 02:48:27 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...      | 7.487  | 975357     | 5.254 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.51%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.340  | 615075     | 5.076 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 10.15%      |
| 11) S ortho-Terphenyl (SURR)       | 11.377 | 1155367    | 5.340 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.68%      |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.303  | 1038549    | 5.348 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.827  | 1071190    | 5.295 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.874  | 1076790    | 5.272 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.143  | 964982     | 5.228 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.438  | 1046971    | 5.267 ug/ml |
| 8) T Fluorene (C16.55)             | 9.216  | 974646     | 5.120 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.605 | 944608     | 5.125 ug/ml |
| 10) T Anthracene (C19.43)          | 10.679 | 779459     | 5.962 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.407 | 953481     | 5.233 ug/ml |
| 13) T Pyrene (C20.8)               | 12.700 | 902863     | 5.149 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.565 | 744477     | 5.084 ug/ml |
| 15) T Chrysene (C27.41)            | 14.605 | 826990     | 5.140 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.106 | 764725     | 5.118 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.136 | 798158     | 5.306 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.481 | 727507     | 5.144 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.838 | 673994     | 4.972 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.881 | 783338     | 5.544 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.087 | 729637     | 5.187 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

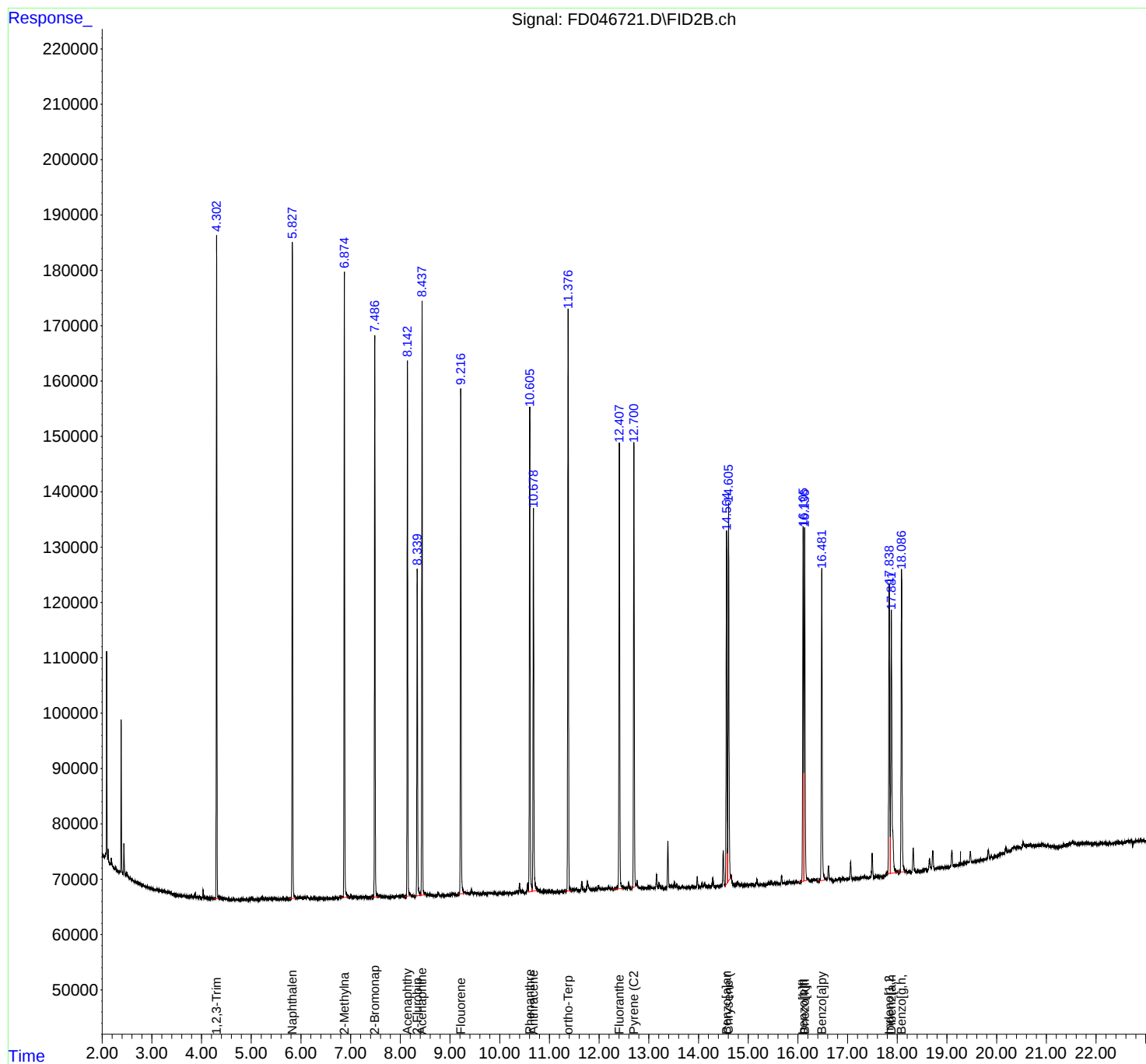
(m)=manual int.

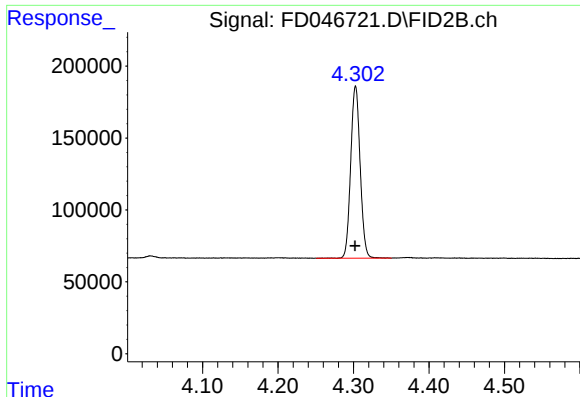
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101023AR\  
Data File : FD046721.D  
Signal(s) : FID2B.ch  
Acq On : 10 Oct 2023 17:41  
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Misc :  
ALS Vial : 65 Sample Multiplier: 1

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5 PPM AROMATIC HC STD5

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Quant Title : GC Extractables  
QLast Update : Wed Oct 11 02:48:27 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

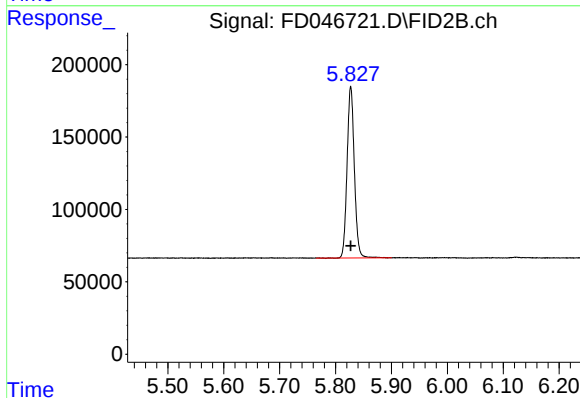




#1 1,2,3-Trimethylbenzene (C10.1)

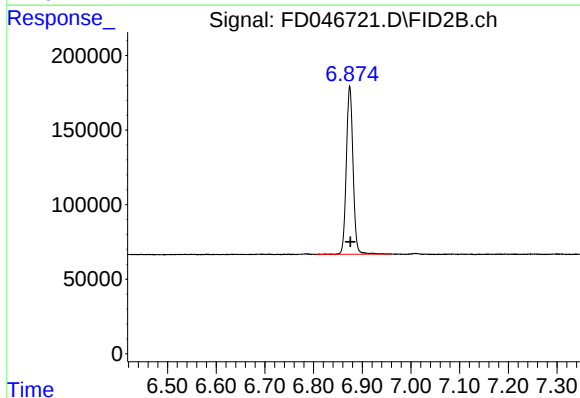
R.T.: 4.303 min  
Delta R.T.: 0.000 min  
Response: 1038549  
Conc: 5.35 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM AROMATIC HC STD5



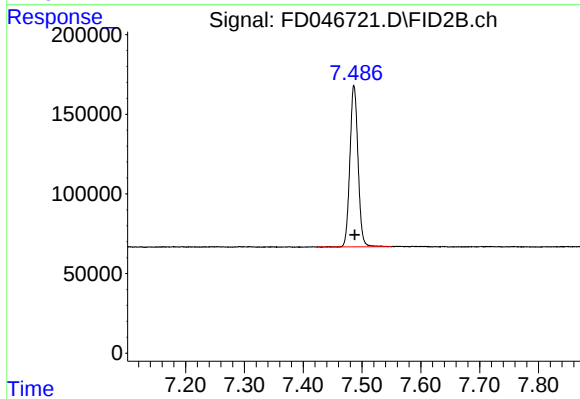
#2 Naphthalene (C11.7)

R.T.: 5.827 min  
Delta R.T.: 0.000 min  
Response: 1071190  
Conc: 5.29 ug/ml



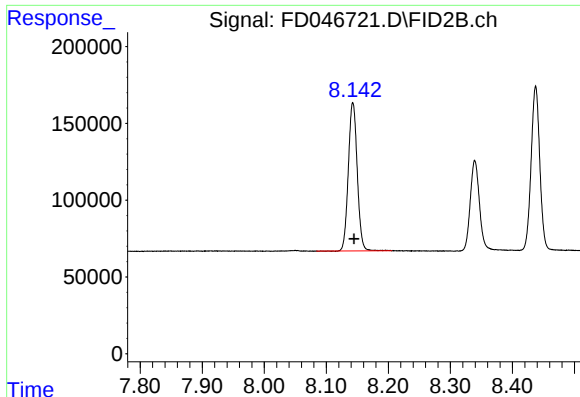
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.874 min  
Delta R.T.: -0.001 min  
Response: 1076790  
Conc: 5.27 ug/ml



#4 2-Bromonaphthalene (SURR)

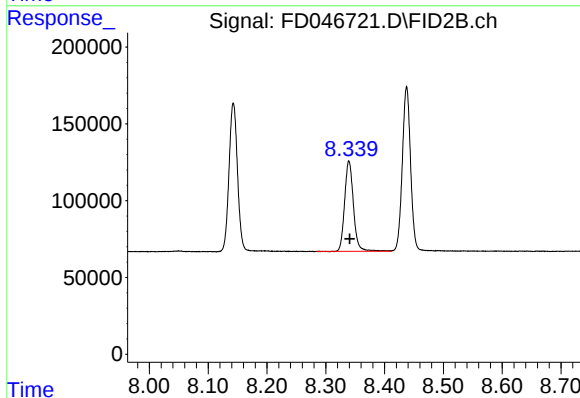
R.T.: 7.487 min  
Delta R.T.: -0.001 min  
Response: 975357  
Conc: 5.25 ug/ml



#5 Acenaphthylene (C15.06)

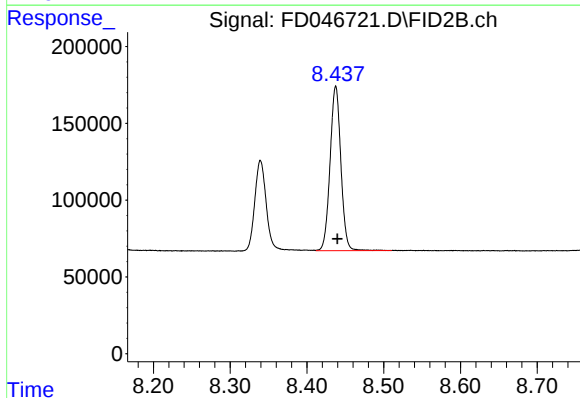
R.T.: 8.143 min  
Delta R.T.: -0.002 min  
Response: 964982  
Conc: 5.23 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM AROMATIC HC STD5



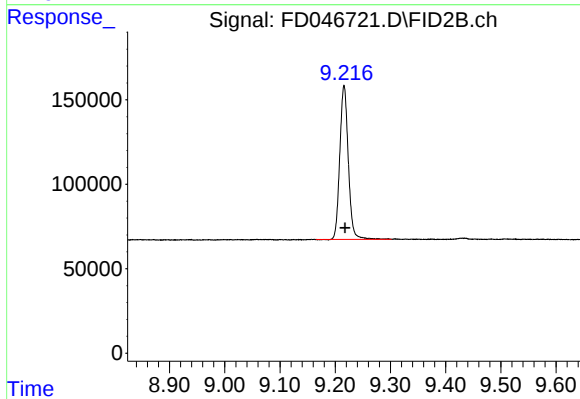
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.340 min  
Delta R.T.: -0.001 min  
Response: 615075  
Conc: 5.08 ug/ml



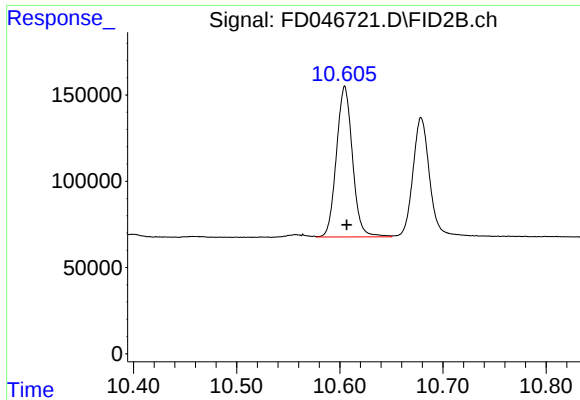
#7 Acenaphthene (C15.5)

R.T.: 8.438 min  
Delta R.T.: -0.002 min  
Response: 1046971  
Conc: 5.27 ug/ml



#8 Fluorene (C16.55)

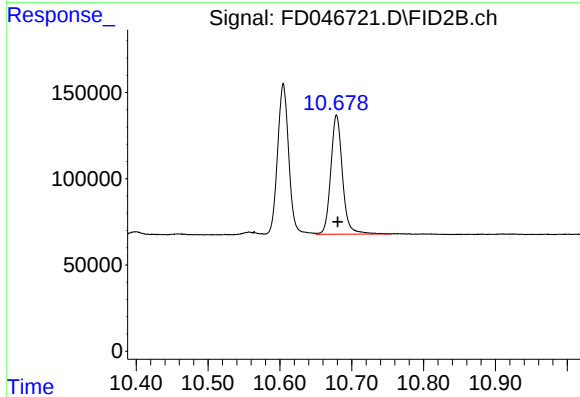
R.T.: 9.216 min  
Delta R.T.: -0.002 min  
Response: 974646  
Conc: 5.12 ug/ml



#9 Phenanthrene (C19.36)

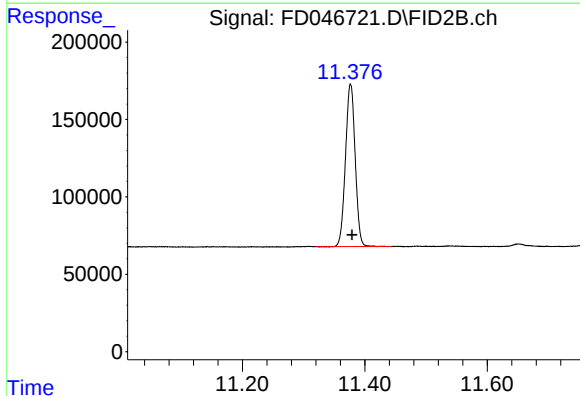
R.T.: 10.605 min  
Delta R.T.: -0.002 min  
Response: 944608  
Conc: 5.12 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM AROMATIC HC STD5



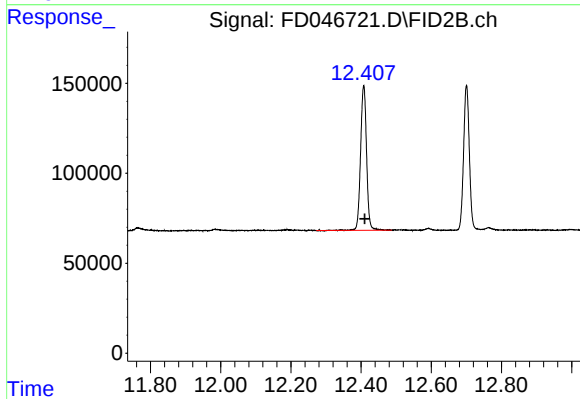
#10 Anthracene (C19.43)

R.T.: 10.679 min  
Delta R.T.: -0.001 min  
Response: 779459  
Conc: 5.96 ug/ml



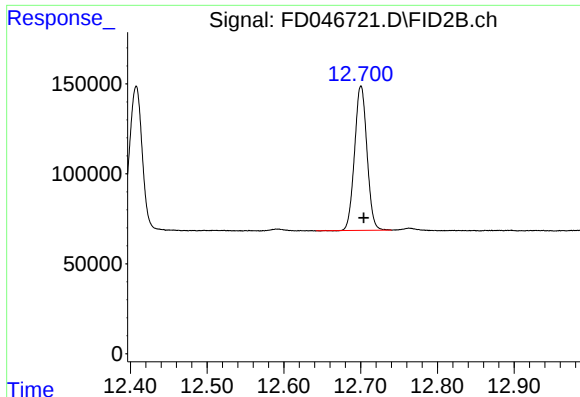
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min  
Delta R.T.: -0.002 min  
Response: 1155367  
Conc: 5.34 ug/ml



#12 Fluoranthene (C21.85)

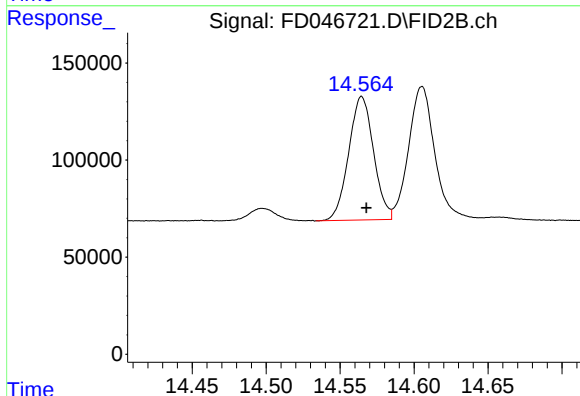
R.T.: 12.407 min  
Delta R.T.: -0.002 min  
Response: 953481  
Conc: 5.23 ug/ml



#13 Pyrene (C20.8)

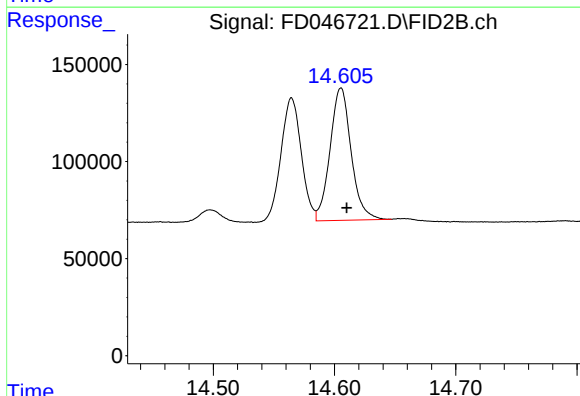
R.T.: 12.700 min  
Delta R.T.: -0.004 min  
Response: 902863  
Conc: 5.15 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM AROMATIC HC STD5



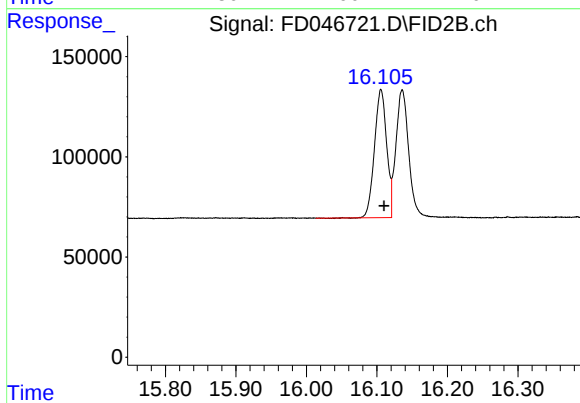
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.565 min  
Delta R.T.: -0.003 min  
Response: 744477  
Conc: 5.08 ug/ml



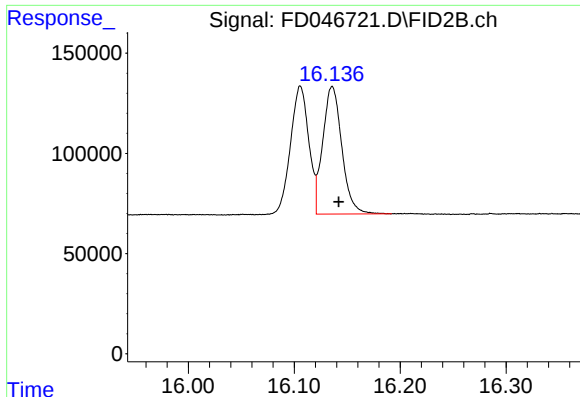
#15 Chrysene (C27.41)

R.T.: 14.605 min  
Delta R.T.: -0.005 min  
Response: 826990  
Conc: 5.14 ug/ml



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

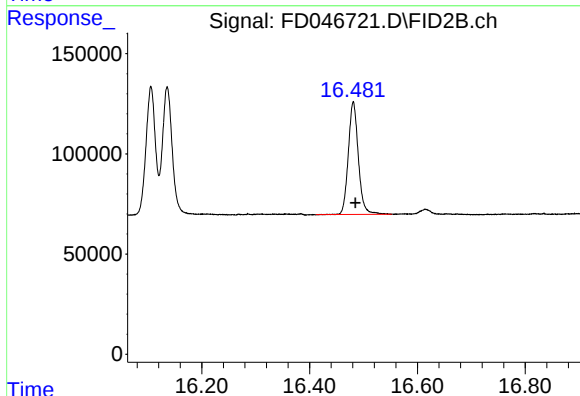
R.T.: 16.106 min  
Delta R.T.: -0.004 min  
Response: 764725  
Conc: 5.12 ug/ml



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

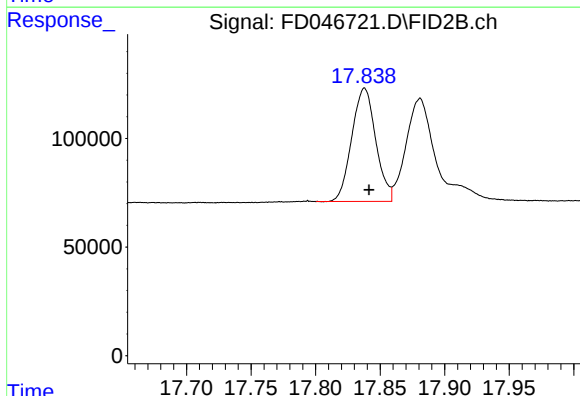
R.T.: 16.136 min  
Delta R.T.: -0.006 min  
Response: 798158  
Conc: 5.31 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM AROMATIC HC STD5



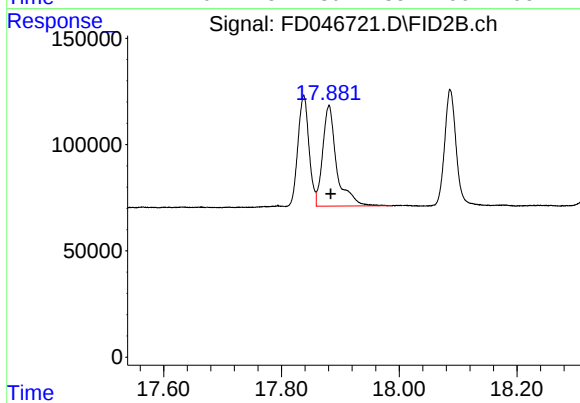
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.481 min  
Delta R.T.: -0.004 min  
Response: 727507  
Conc: 5.14 ug/ml



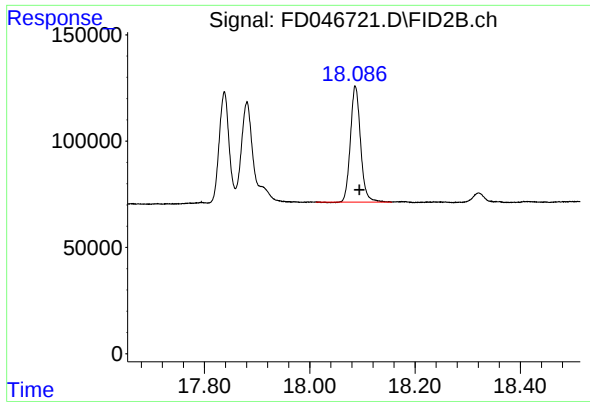
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min  
Delta R.T.: -0.004 min  
Response: 673994  
Conc: 4.97 ug/ml



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

R.T.: 17.881 min  
Delta R.T.: -0.003 min  
Response: 783338  
Conc: 5.54 ug/ml



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

R.T.: 18.087 min  
Delta R.T.: -0.007 min  
Response: 729637  
Conc: 5.19 ug/ml

Instrument :

FID\_D

ClientSampleId :

5 PPM AROMATIC HC STD5