

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032321AR\  
 Data File : FD036522.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Mar 2021 9:37  
 Operator : DD\AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Mar 24 11:06:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 24 10:39:27 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.592  | 675123     | 4.753 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 9.51%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.451  | 439638     | 4.624 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 9.25%       |
| 11) S ortho-Terphenyl (SURR)       | 11.491 | 746013     | 4.858 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 9.72%       |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.394  | 716203     | 4.855 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.931  | 764680     | 4.834 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.981  | 761380     | 4.810 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.255  | 715414     | 4.713 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.550  | 746246     | 4.764 ug/ml |
| 8) T Fluorene (C16.55)             | 9.330  | 715853     | 4.700 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.723 | 693724     | 4.676 ug/ml |
| 10) T Anthracene (C19.43)          | 10.796 | 680427     | 4.657 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.529 | 671237     | 4.755 ug/ml |
| 13) T Pyrene (C20.8)               | 12.825 | 658297     | 4.780 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.691 | 559762     | 4.681 ug/ml |
| 15) T Chrysene (C27.41)            | 14.732 | 570910     | 4.678 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.235 | 526665     | 4.787 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.266 | 520272     | 4.876 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.614 | 486017     | 4.868 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.973 | 483406     | 4.832 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.015 | 508313     | 4.984 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.224 | 493672     | 4.852 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

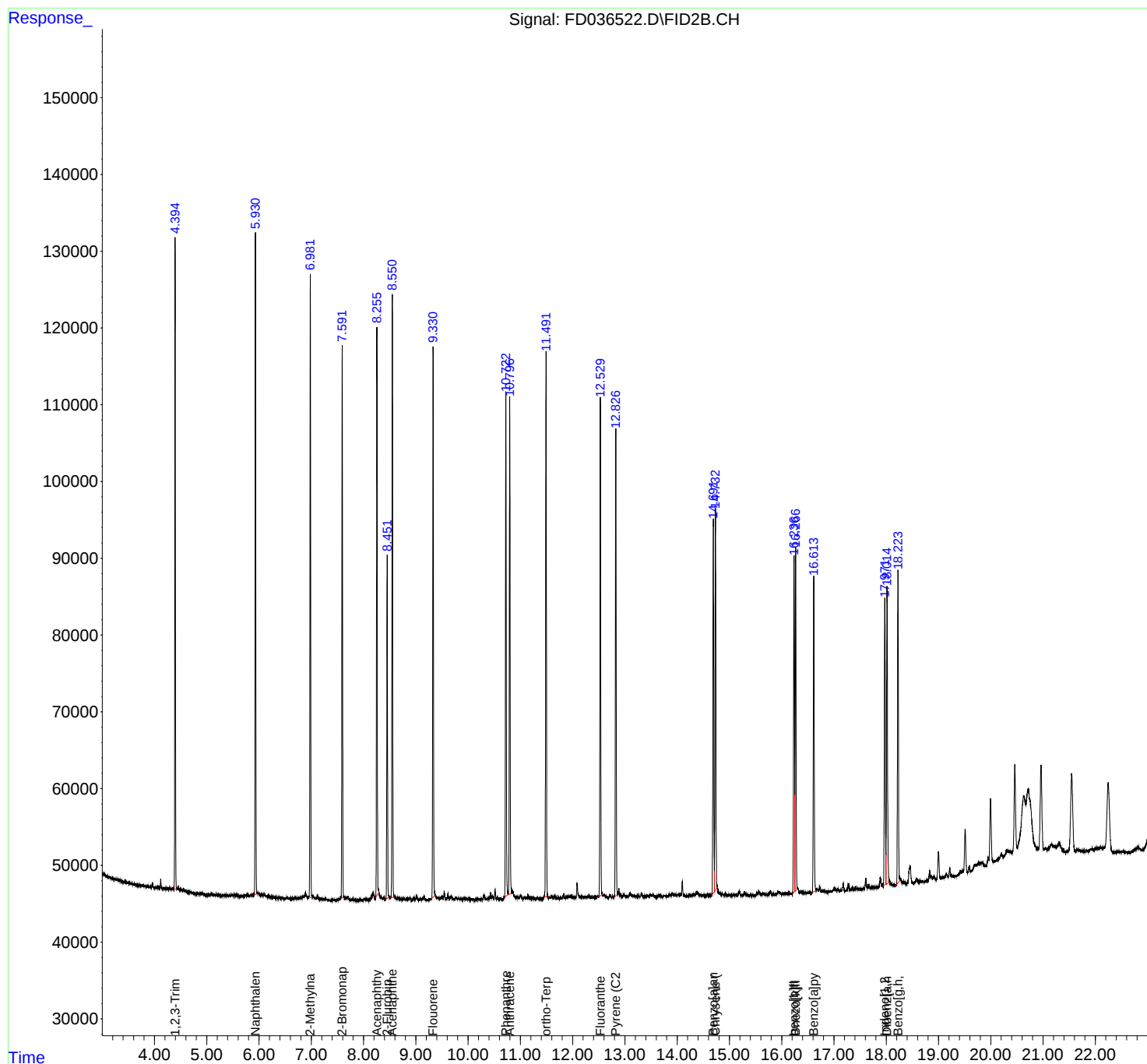
(m)=manual int.

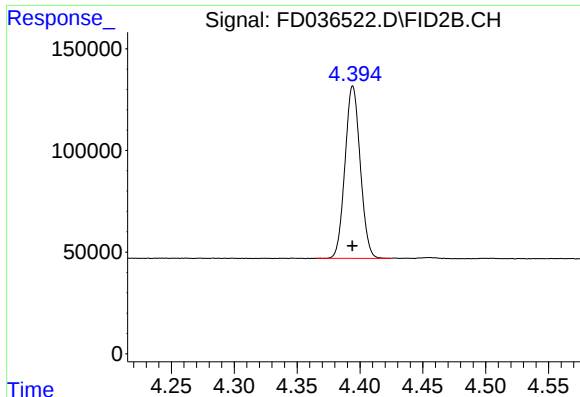
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032321AR\  
Data File : FD036522.D  
Signal(s) : FID2B.CH  
Acq On : 24 Mar 2021 9:37  
Operator : DD\AJ  
Sample : 5 PPM AROMATIC HC STD5  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Mar 24 11:06:47 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032321.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 24 10:39:27 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

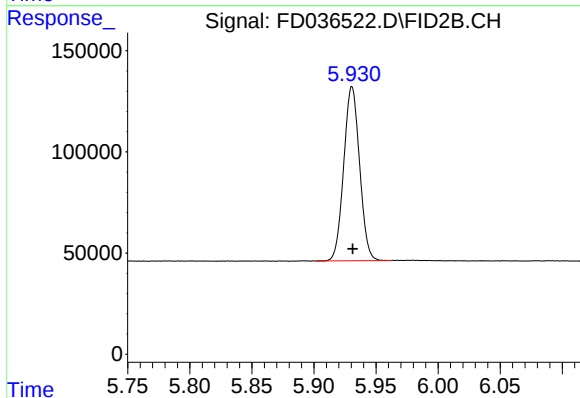




#1 1,2,3-Trimethylbenzene (C10.1)

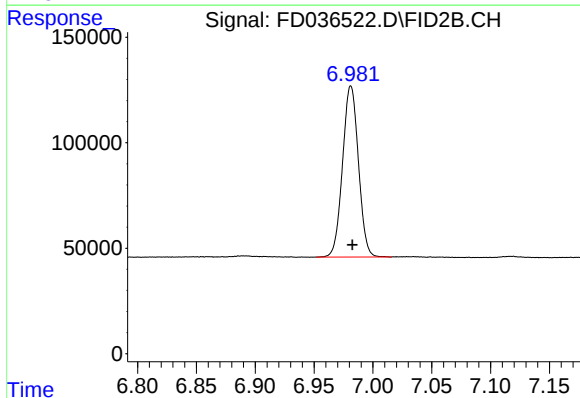
R.T.: 4.394 min  
Delta R.T.: 0.000 min  
Response: 716203  
Conc: 4.86 ug/ml

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



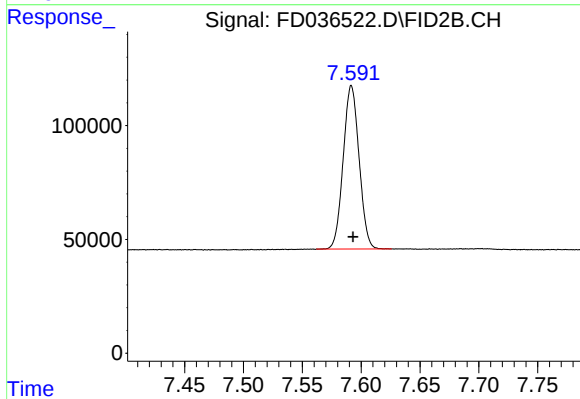
#2 Naphthalene (C11.7)

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 764680  
Conc: 4.83 ug/ml



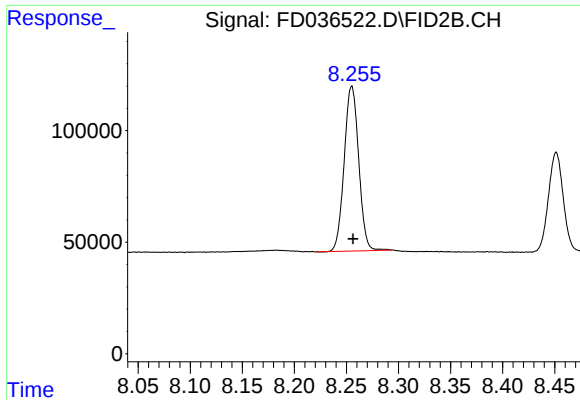
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min  
Delta R.T.: -0.001 min  
Response: 761380  
Conc: 4.81 ug/ml



#4 2-Bromonaphthalene (SURR)

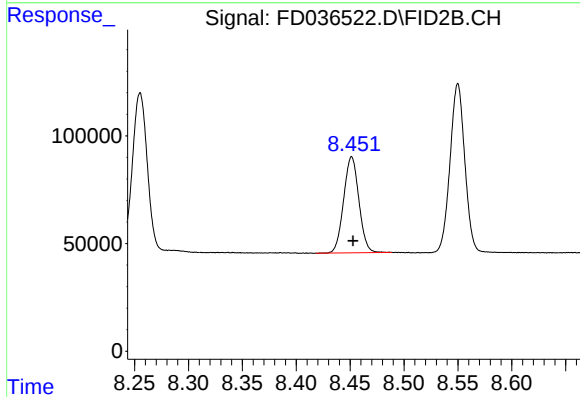
R.T.: 7.592 min  
Delta R.T.: -0.002 min  
Response: 675123  
Conc: 4.75 ug/ml



#5 Acenaphthylene (C15.06)

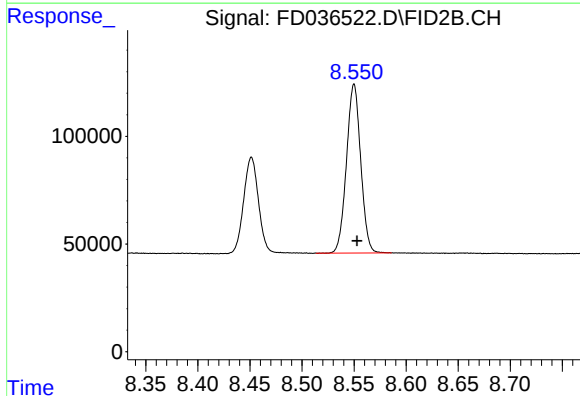
R.T.: 8.255 min  
Delta R.T.: -0.001 min  
Response: 715414  
Conc: 4.71 ug/ml

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



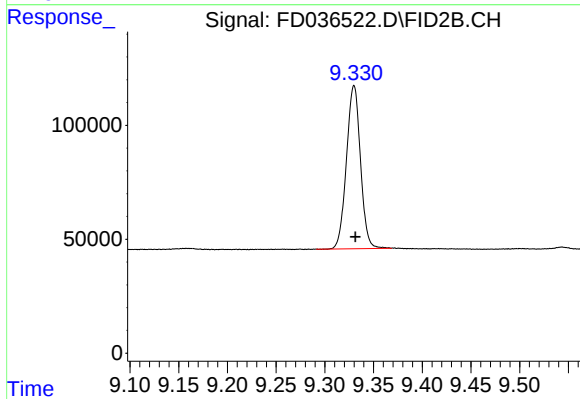
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.451 min  
Delta R.T.: -0.001 min  
Response: 439638  
Conc: 4.62 ug/ml



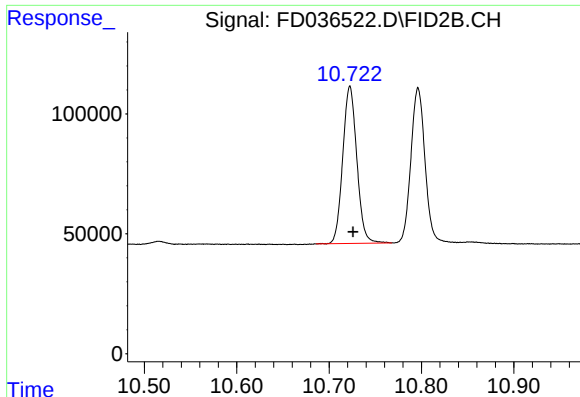
#7 Acenaphthene (C15.5)

R.T.: 8.550 min  
Delta R.T.: -0.003 min  
Response: 746246  
Conc: 4.76 ug/ml



#8 Flouorene (C16.55)

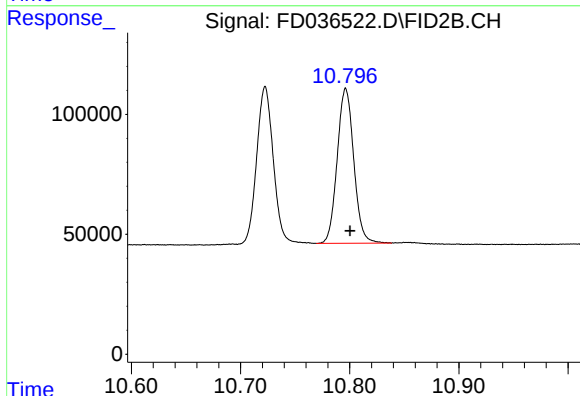
R.T.: 9.330 min  
Delta R.T.: -0.001 min  
Response: 715853  
Conc: 4.70 ug/ml



#9 Phenanthrene (C19.36)

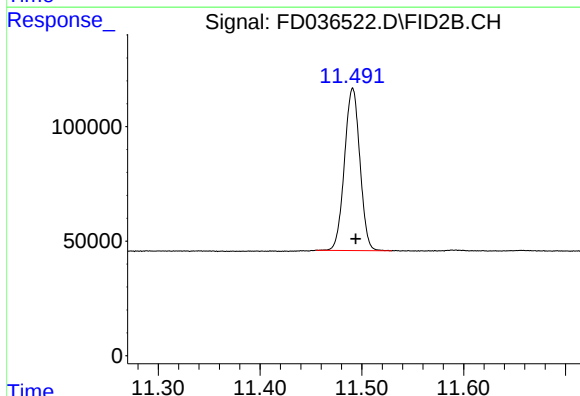
R.T.: 10.723 min  
Delta R.T.: -0.003 min  
Response: 693724  
Conc: 4.68 ug/ml

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



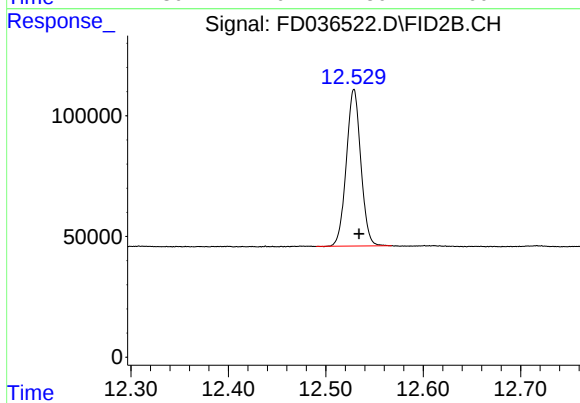
#10 Anthracene (C19.43)

R.T.: 10.796 min  
Delta R.T.: -0.004 min  
Response: 680427  
Conc: 4.66 ug/ml



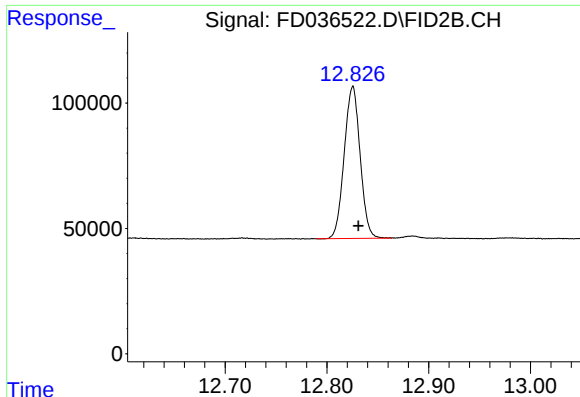
#11 ortho-Terphenyl (SURR)

R.T.: 11.491 min  
Delta R.T.: -0.003 min  
Response: 746013  
Conc: 4.86 ug/ml



#12 Fluoranthene (C21.85)

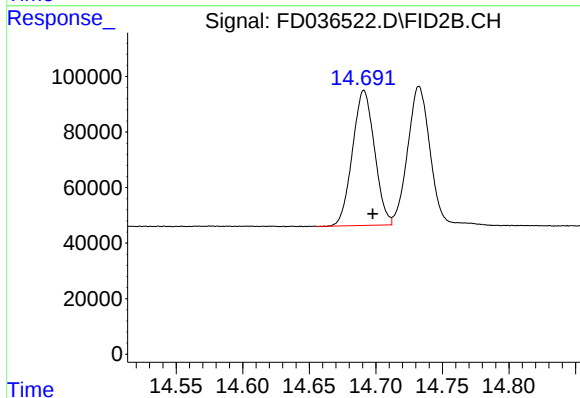
R.T.: 12.529 min  
Delta R.T.: -0.005 min  
Response: 671237  
Conc: 4.76 ug/ml



#13 Pyrene (C20.8)

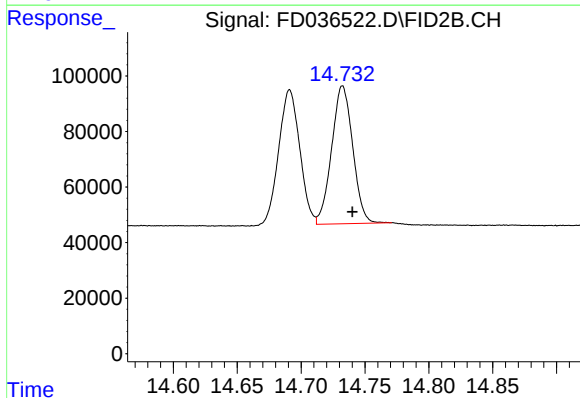
R.T.: 12.825 min  
Delta R.T.: -0.006 min  
Response: 658297  
Conc: 4.78 ug/ml

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



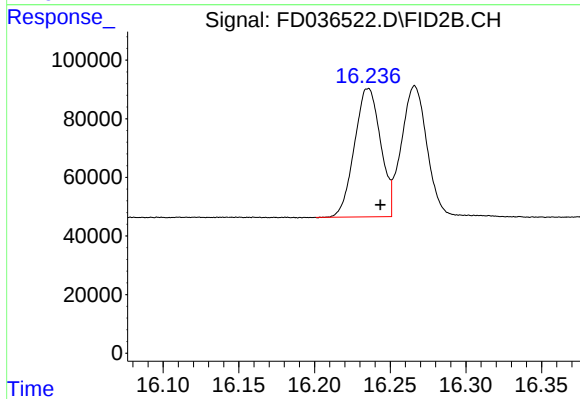
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.691 min  
Delta R.T.: -0.007 min  
Response: 559762  
Conc: 4.68 ug/ml



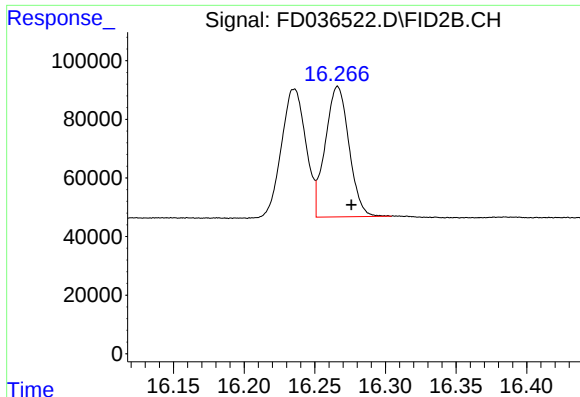
#15 Chrysene (C27.41)

R.T.: 14.732 min  
Delta R.T.: -0.008 min  
Response: 570910  
Conc: 4.68 ug/ml



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

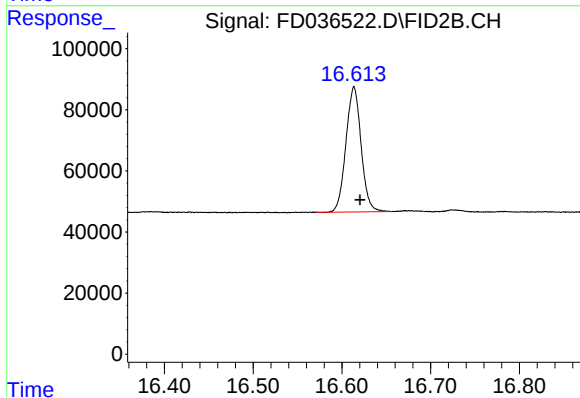
R.T.: 16.235 min  
Delta R.T.: -0.008 min  
Response: 526665  
Conc: 4.79 ug/ml



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

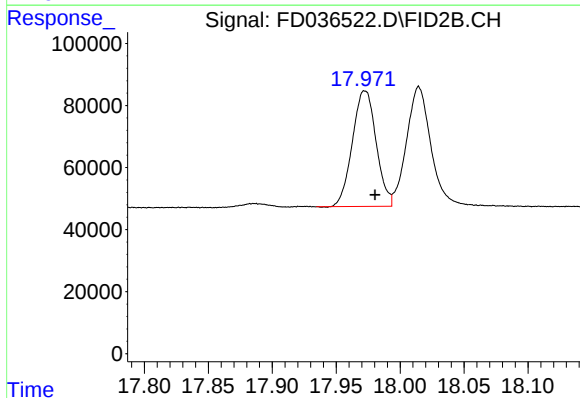
R.T.: 16.266 min  
Delta R.T.: -0.010 min  
Response: 520272  
Conc: 4.88 ug/ml

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



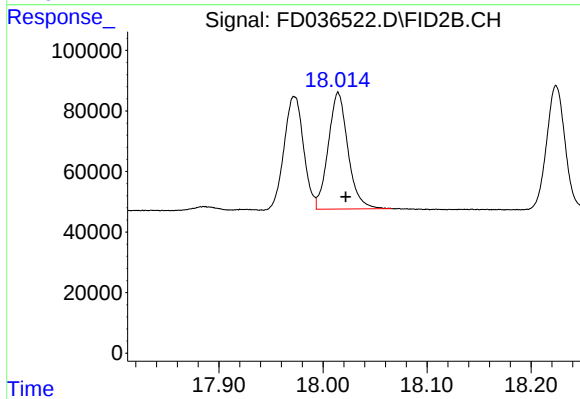
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.614 min  
Delta R.T.: -0.007 min  
Response: 486017  
Conc: 4.87 ug/ml



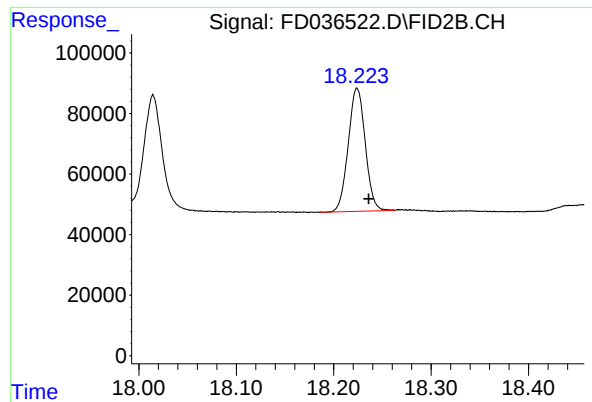
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.973 min  
Delta R.T.: -0.008 min  
Response: 483406  
Conc: 4.83 ug/ml



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

R.T.: 18.015 min  
Delta R.T.: -0.007 min  
Response: 508313  
Conc: 4.98 ug/ml



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

R.T.: 18.224 min  
Delta R.T.: -0.012 min  
Response: 493672  
Conc: 4.85 ug/ml

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