

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031721AR\  
 Data File : FD036391.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Mar 2021 8:59  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: Mar 18 02:11:59 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 030321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 04 08:08:08 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...      | 7.600  | 2199980    | 18.664 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 37.33%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.460  | 1545883    | 18.575 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 37.15%       |
| 11) S ortho-Terphenyl (SURR)       | 11.501 | 2573162    | 18.264 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.53%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.401  | 2371036    | 18.911 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.938  | 2554657    | 18.852 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.990  | 2561139    | 18.756 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.264  | 2476409    | 18.406 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.560  | 2577903    | 18.625 ug/ml |
| 8) T Fluorene (C16.55)             | 9.338  | 2519459    | 18.462 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.733 | 2530015    | 18.363 ug/ml |
| 10) T Anthracene (C19.43)          | 10.807 | 2283197    | 17.006 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.542 | 2529861    | 18.217 ug/ml |
| 13) T Pyrene (C20.8)               | 12.838 | 2496176    | 18.207 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.706 | 2273308    | 17.973 ug/ml |
| 15) T Chrysene (C27.41)            | 14.748 | 2343275    | 18.095 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.253 | 2230547    | 18.328 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.285 | 2165459    | 18.389 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.630 | 2038557    | 18.486 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.991 | 2097618    | 18.959 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.031 | 2117646    | 19.136 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.245 | 2136651    | 19.324 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

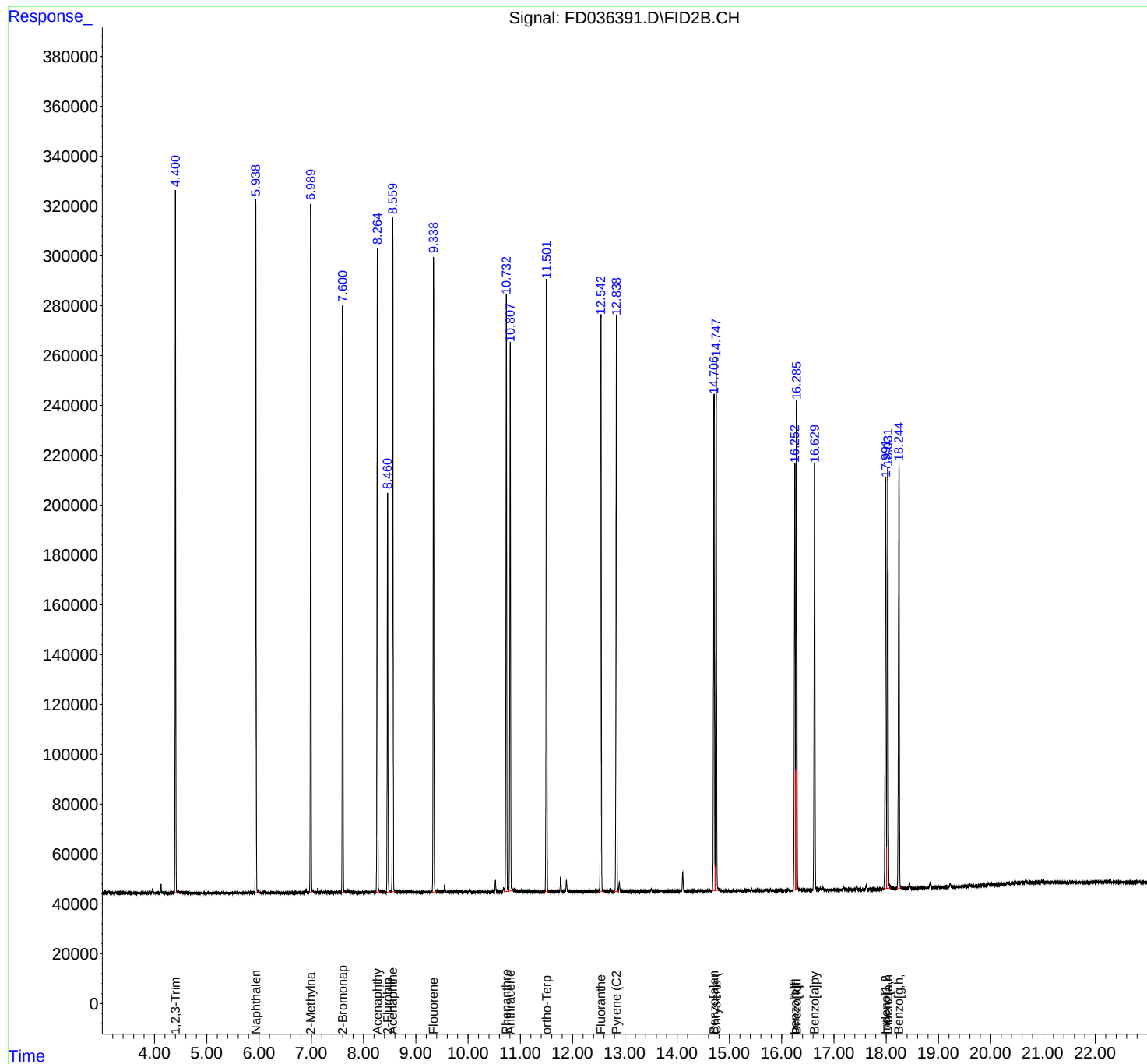
(m)=manual int.

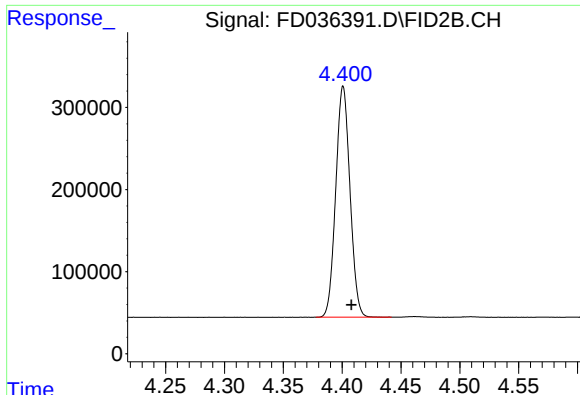
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031721AR\  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
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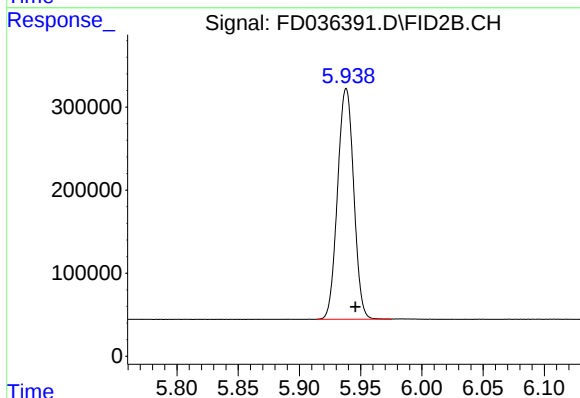




#1 1,2,3-Trimethylbenzene (C10.1)

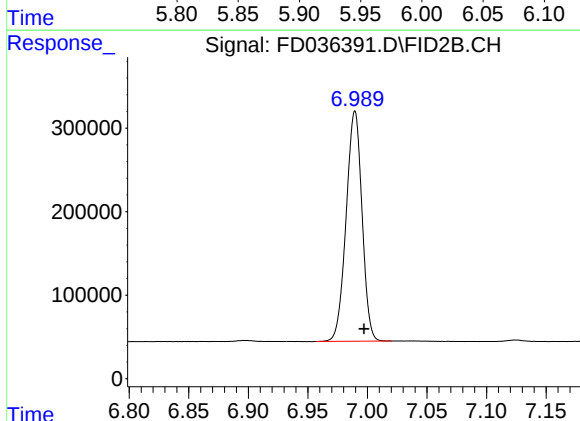
R.T.: 4.401 min  
Delta R.T.: -0.007 min  
Response: 2371036  
Conc: 18.91 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



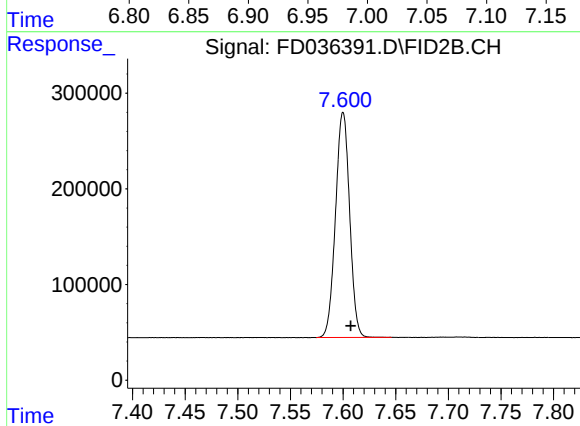
#2 Naphthalene (C11.7)

R.T.: 5.938 min  
Delta R.T.: -0.007 min  
Response: 2554657  
Conc: 18.85 ug/ml



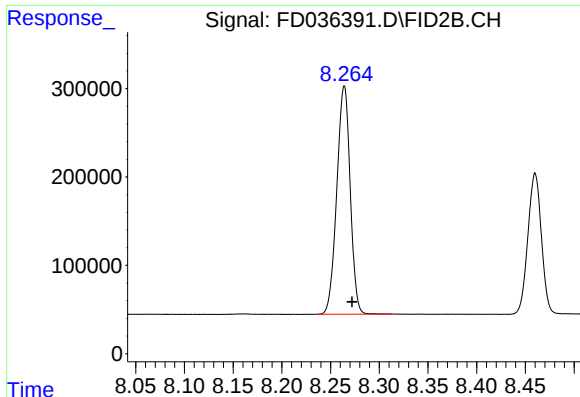
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.990 min  
Delta R.T.: -0.007 min  
Response: 2561139  
Conc: 18.76 ug/ml



#4 2-Bromonaphthalene (SURR)

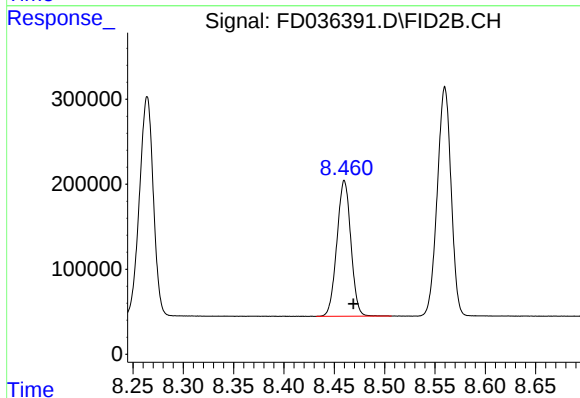
R.T.: 7.600 min  
Delta R.T.: -0.007 min  
Response: 2199980  
Conc: 18.66 ug/ml



#5 Acenaphthylene (C15.06)

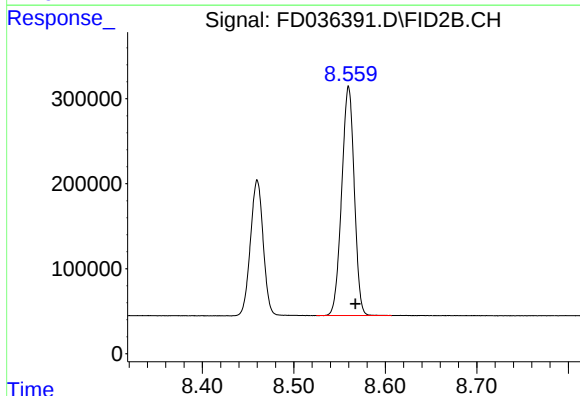
R.T.: 8.264 min  
Delta R.T.: -0.008 min  
Response: 2476409  
Conc: 18.41 ug/ml

Instrument :  
FID\_D  
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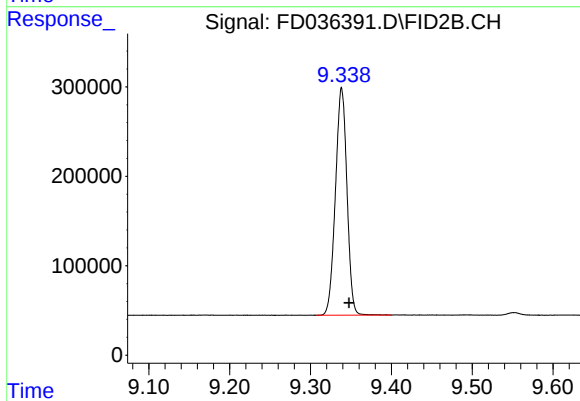
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.460 min  
Delta R.T.: -0.009 min  
Response: 1545883  
Conc: 18.58 ug/ml



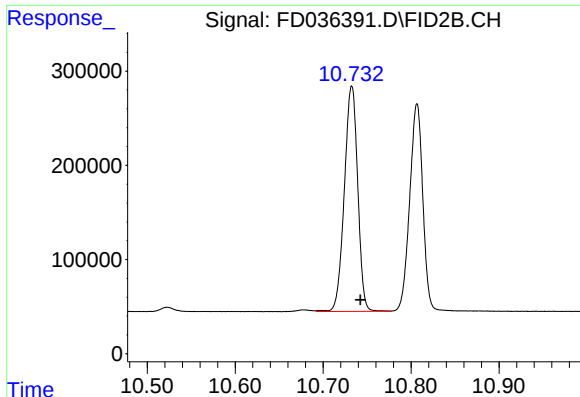
#7 Acenaphthene (C15.5)

R.T.: 8.560 min  
Delta R.T.: -0.007 min  
Response: 2577903  
Conc: 18.62 ug/ml



#8 Fluorene (C16.55)

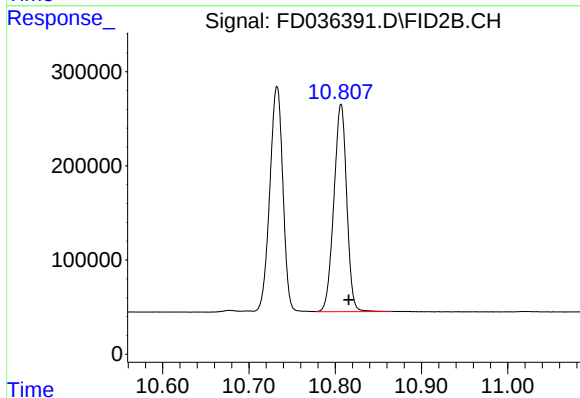
R.T.: 9.338 min  
Delta R.T.: -0.009 min  
Response: 2519459  
Conc: 18.46 ug/ml



#9 Phenanthrene (C19.36)

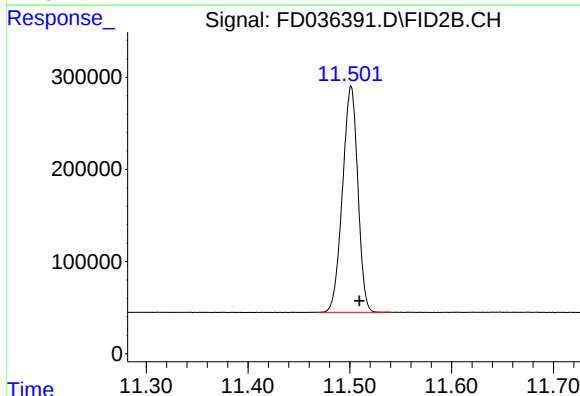
R.T.: 10.733 min  
Delta R.T.: -0.010 min  
Response: 2530015  
Conc: 18.36 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



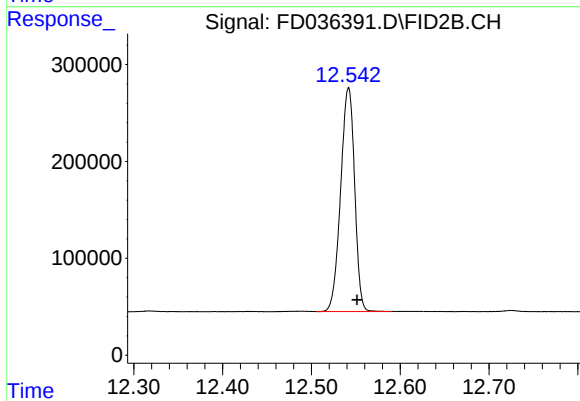
#10 Anthracene (C19.43)

R.T.: 10.807 min  
Delta R.T.: -0.009 min  
Response: 2283197  
Conc: 17.01 ug/ml



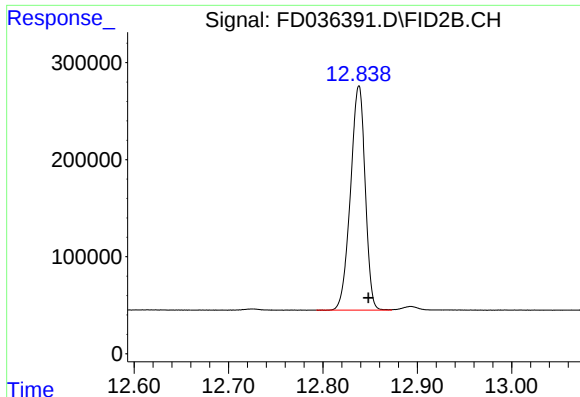
#11 ortho-Terphenyl (SURR)

R.T.: 11.501 min  
Delta R.T.: -0.008 min  
Response: 2573162  
Conc: 18.26 ug/ml



#12 Fluoranthene (C21.85)

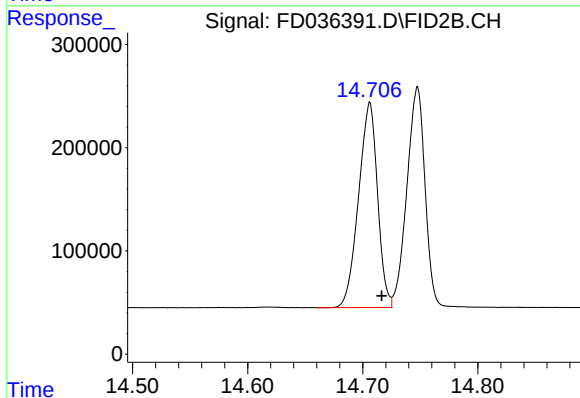
R.T.: 12.542 min  
Delta R.T.: -0.009 min  
Response: 2529861  
Conc: 18.22 ug/ml



#13 Pyrene (C20.8)

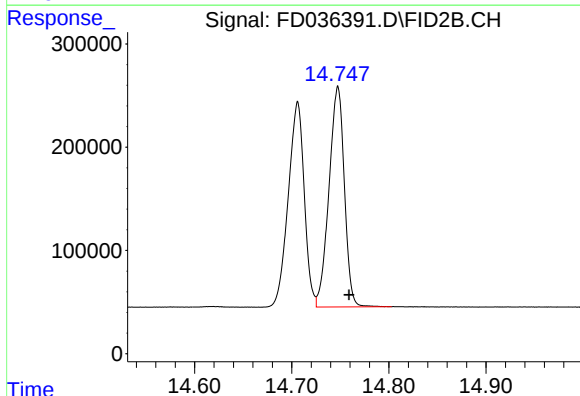
R.T.: 12.838 min  
Delta R.T.: -0.010 min  
Response: 2496176  
Conc: 18.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



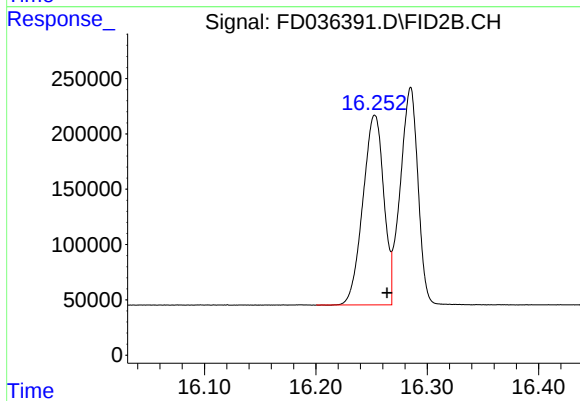
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min  
Delta R.T.: -0.011 min  
Response: 2273308  
Conc: 17.97 ug/ml



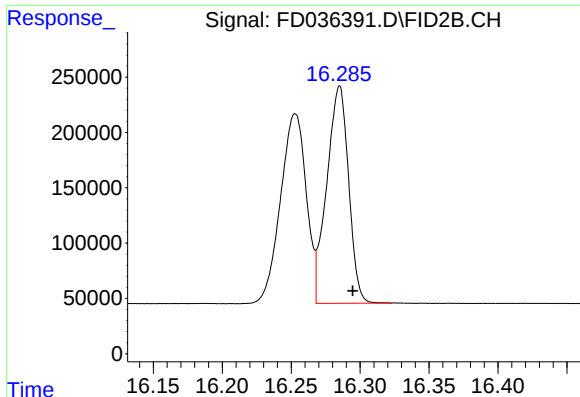
#15 Chrysene (C27.41)

R.T.: 14.748 min  
Delta R.T.: -0.011 min  
Response: 2343275  
Conc: 18.09 ug/ml



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

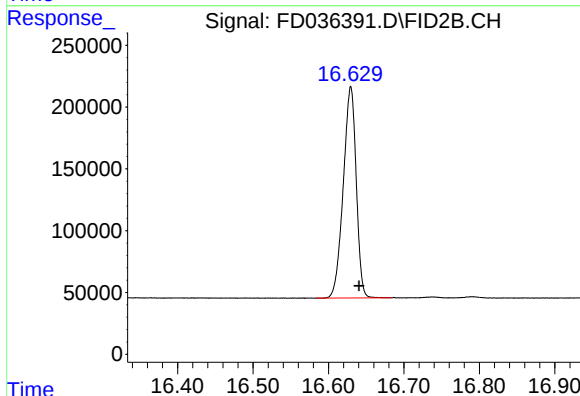
R.T.: 16.253 min  
Delta R.T.: -0.011 min  
Response: 2230547  
Conc: 18.33 ug/ml



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

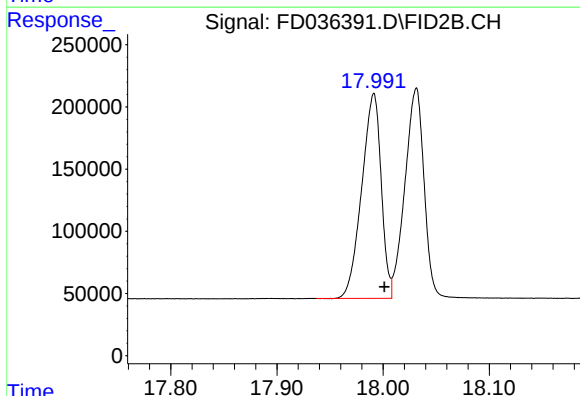
R.T.: 16.285 min  
Delta R.T.: -0.009 min  
Response: 2165459  
Conc: 18.39 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



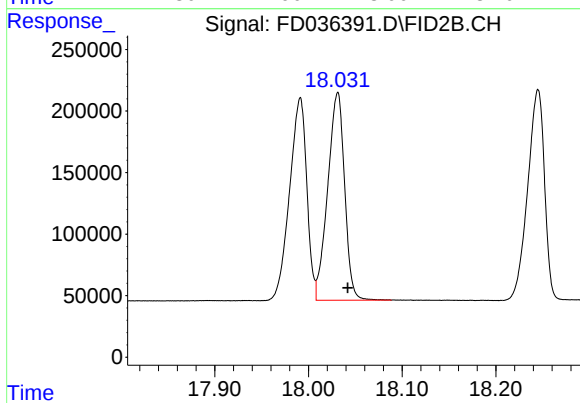
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min  
Delta R.T.: -0.011 min  
Response: 2038557  
Conc: 18.49 ug/ml



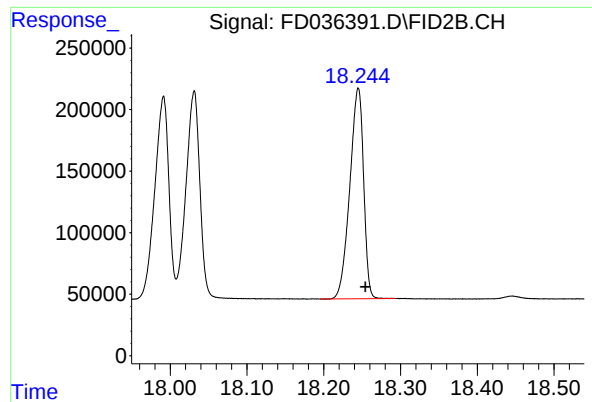
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min  
Delta R.T.: -0.010 min  
Response: 2097618  
Conc: 18.96 ug/ml



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

R.T.: 18.031 min  
Delta R.T.: -0.011 min  
Response: 2117646  
Conc: 19.14 ug/ml



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

R.T.: 18.245 min  
Delta R.T.: -0.009 min  
Response: 2136651  
Conc: 19.32 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD