

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022420AR\  
 Data File : FD032390.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Feb 2020 10:02  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 25 01:09:52 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020420.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 05 11:53:53 2020  
 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...      | 7.627  | 2409400    | 17.338 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 34.68%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.488  | 1608726    | 16.964 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 33.93%       |
| 11) S ortho-Terphenyl (SURR)       | 11.525 | 2445603    | 16.488 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 32.98%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.431  | 2533445    | 17.494 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.968  | 2716409    | 17.825 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.018  | 2654622    | 17.547 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.292  | 2466600    | 16.739 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.587  | 2579307    | 17.080 ug/ml |
| 8) T Fluorene (C16.55)             | 9.365  | 2513818    | 16.797 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.760 | 2480820    | 16.403 ug/ml |
| 10) T Anthracene (C19.43)          | 10.834 | 2228381    | 15.023 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.570 | 2378402    | 15.794 ug/ml |
| 13) T Pyrene (C20.8)               | 12.867 | 2343049    | 15.695 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.736 | 2183647    | 15.376 ug/ml |
| 15) T Chrysene (C27.41)            | 14.778 | 2225879    | 15.571 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.286 | 2200696    | 15.880 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.318 | 2209293    | 16.008 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.665 | 2186986    | 16.052 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.029 | 2150820    | 16.628 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.068 | 2194869    | 16.814 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.284 | 2161213    | 17.208 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

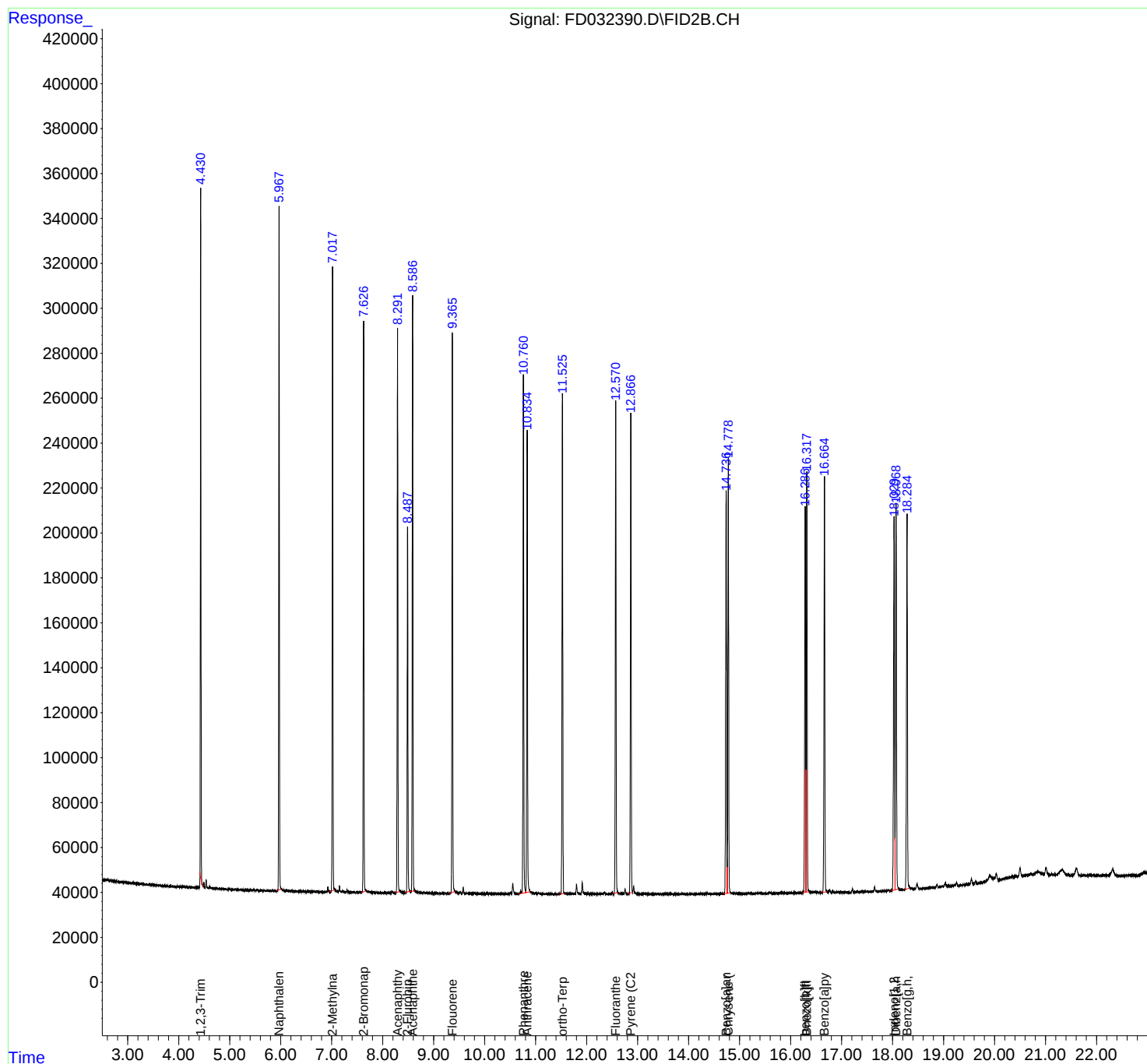
(m)=manual int.

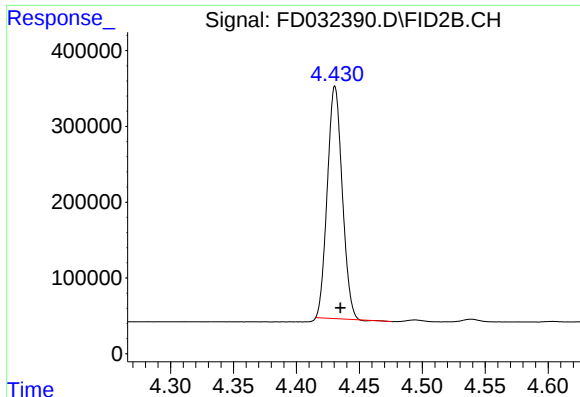
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022420AR\  
Data File : FD032390.D  
Signal(s) : FID2B.CH  
Acq On : 24 Feb 2020 10:02  
Operator : DD\AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
FID\_D  
ClientSampled :

Integration File: autoint1.e  
Quant Time: Feb 25 01:09:52 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020420.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 05 11:53:53 2020  
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

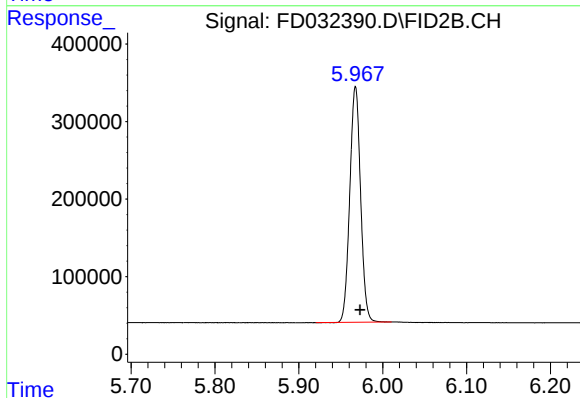




#1 1,2,3-Trimethylbenzene (C10.1)

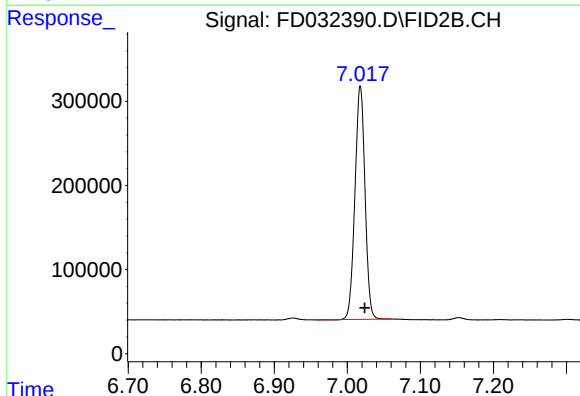
R.T.: 4.431 min  
Delta R.T.: -0.004 min  
Response: 2533445  
Conc: 17.49 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



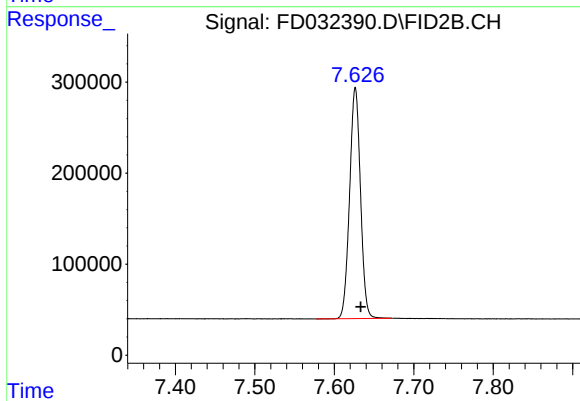
#2 Naphthalene (C11.7)

R.T.: 5.968 min  
Delta R.T.: -0.005 min  
Response: 2716409  
Conc: 17.82 ug/ml



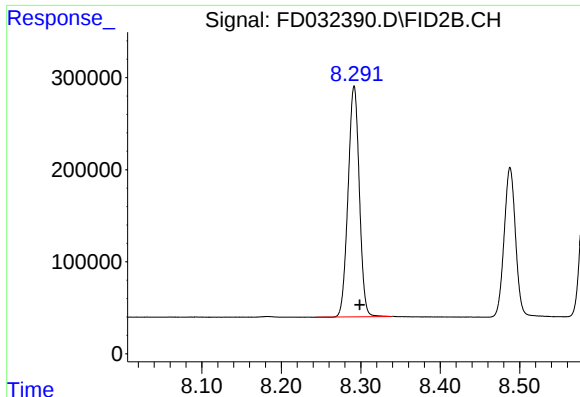
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min  
Delta R.T.: -0.006 min  
Response: 2654622  
Conc: 17.55 ug/ml



#4 2-Bromonaphthalene (SURR)

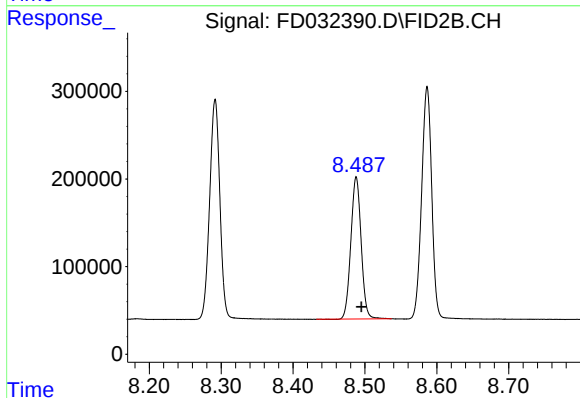
R.T.: 7.627 min  
Delta R.T.: -0.006 min  
Response: 2409400  
Conc: 17.34 ug/ml



#5 Acenaphthylene (C15.06)

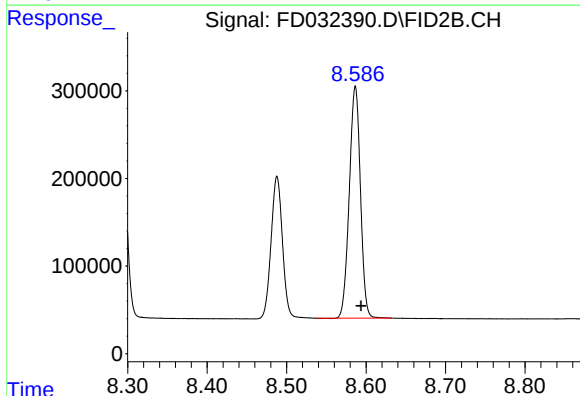
R.T.: 8.292 min  
Delta R.T.: -0.007 min  
Response: 2466600  
Conc: 16.74 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



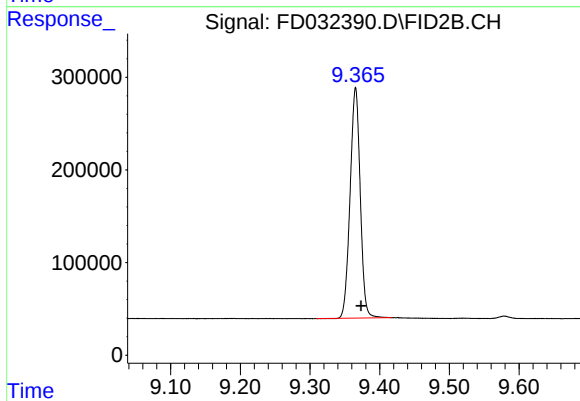
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.488 min  
Delta R.T.: -0.007 min  
Response: 1608726  
Conc: 16.96 ug/ml



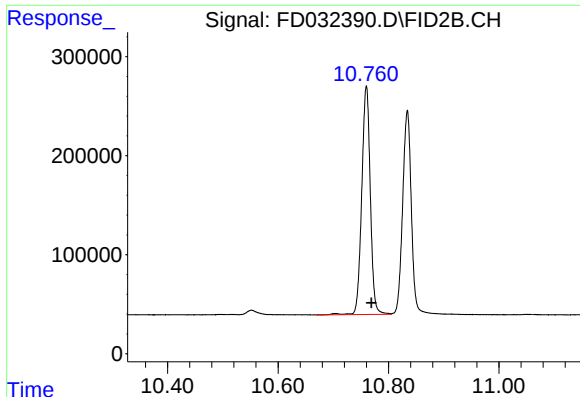
#7 Acenaphthene (C15.5)

R.T.: 8.587 min  
Delta R.T.: -0.007 min  
Response: 2579307  
Conc: 17.08 ug/ml



#8 Flouorene (C16.55)

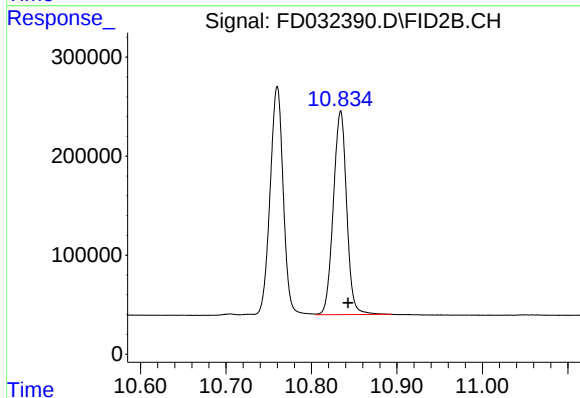
R.T.: 9.365 min  
Delta R.T.: -0.008 min  
Response: 2513818  
Conc: 16.80 ug/ml



#9 Phenanthrene (C19.36)

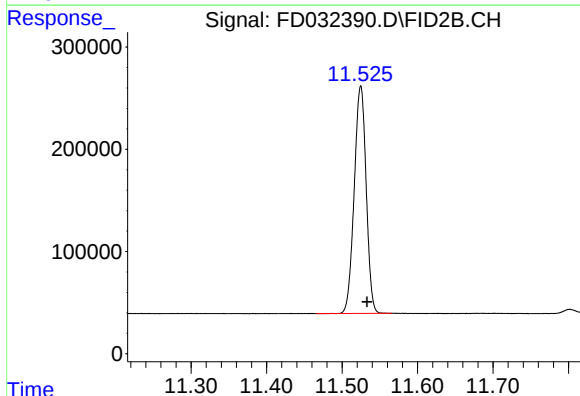
R.T.: 10.760 min  
Delta R.T.: -0.009 min  
Response: 2480820  
Conc: 16.40 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



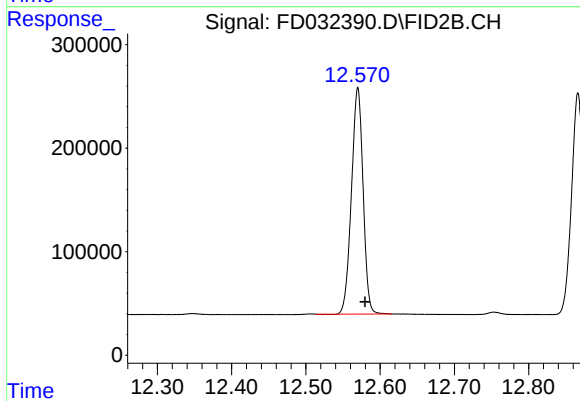
#10 Anthracene (C19.43)

R.T.: 10.834 min  
Delta R.T.: -0.009 min  
Response: 2228381  
Conc: 15.02 ug/ml



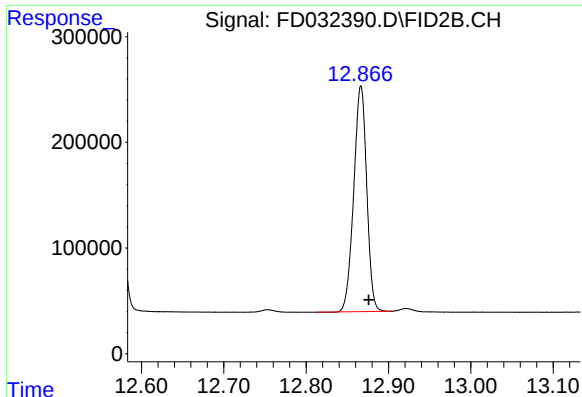
#11 ortho-Terphenyl (SURR)

R.T.: 11.525 min  
Delta R.T.: -0.008 min  
Response: 2445603  
Conc: 16.49 ug/ml



#12 Fluoranthene (C21.85)

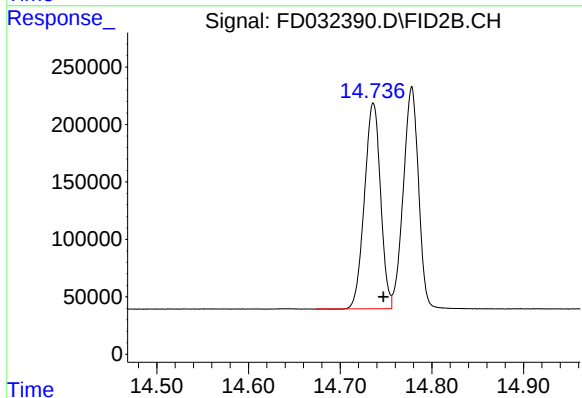
R.T.: 12.570 min  
Delta R.T.: -0.009 min  
Response: 2378402  
Conc: 15.79 ug/ml



#13 Pyrene (C20.8)

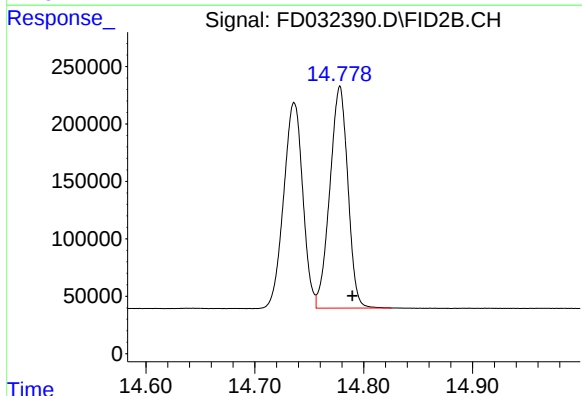
R.T.: 12.867 min  
Delta R.T.: -0.009 min  
Response: 2343049  
Conc: 15.69 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



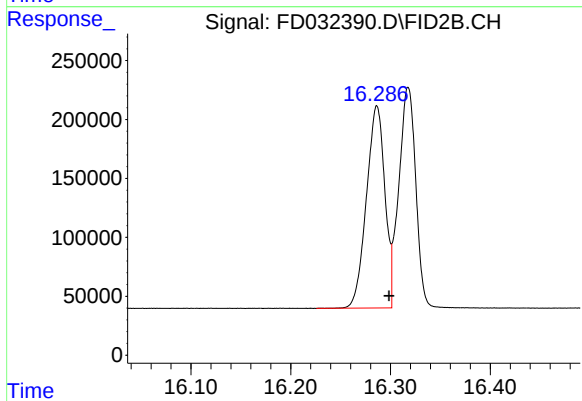
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min  
Delta R.T.: -0.011 min  
Response: 2183647  
Conc: 15.38 ug/ml



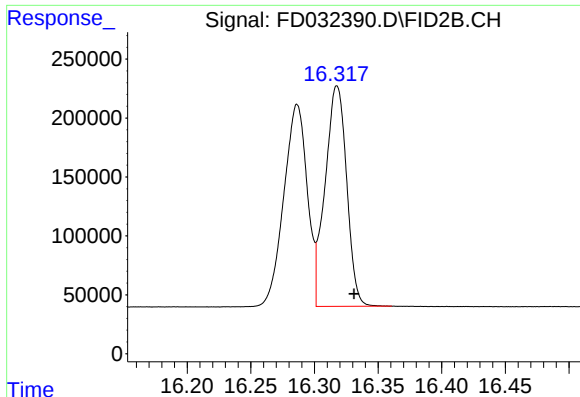
#15 Chrysene (C27.41)

R.T.: 14.778 min  
Delta R.T.: -0.011 min  
Response: 2225879  
Conc: 15.57 ug/ml



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

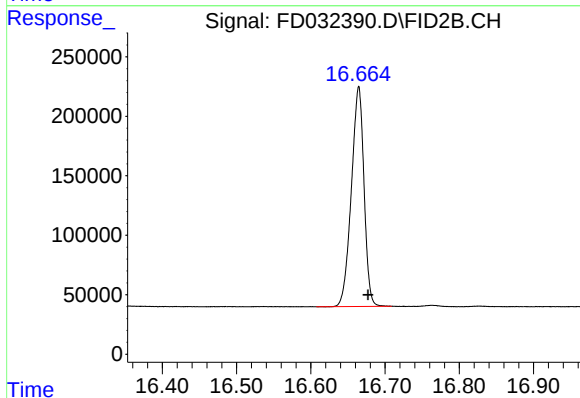
R.T.: 16.286 min  
Delta R.T.: -0.012 min  
Response: 2200696  
Conc: 15.88 ug/ml



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

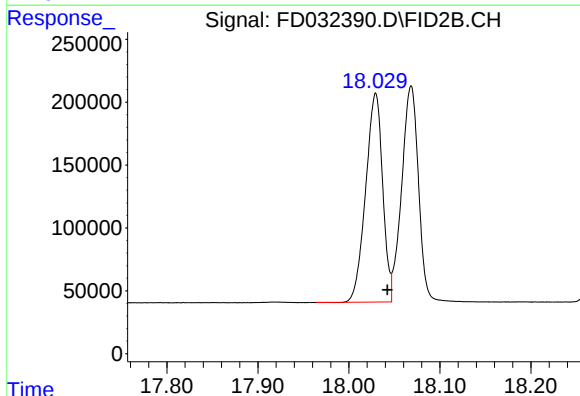
R.T.: 16.318 min  
Delta R.T.: -0.013 min  
Response: 2209293  
Conc: 16.01 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



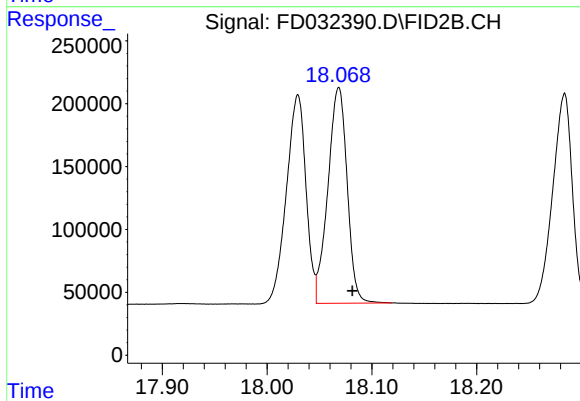
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.665 min  
Delta R.T.: -0.013 min  
Response: 2186986  
Conc: 16.05 ug/ml



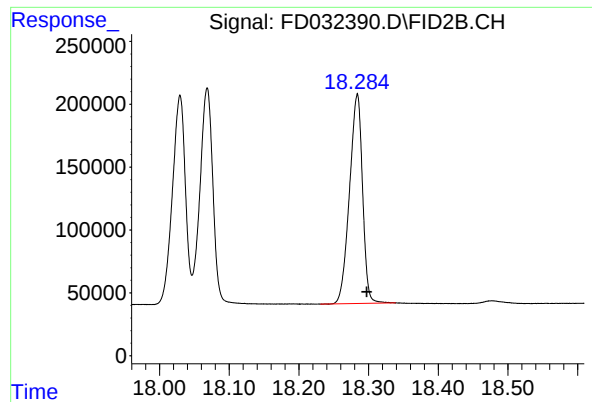
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.029 min  
Delta R.T.: -0.013 min  
Response: 2150820  
Conc: 16.63 ug/ml



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

R.T.: 18.068 min  
Delta R.T.: -0.013 min  
Response: 2194869  
Conc: 16.81 ug/ml



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

R.T.: 18.284 min  
Delta R.T.: -0.014 min  
Response: 2161213  
Conc: 17.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :