

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031319AR\  
 Data File : FD028306.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Mar 2019 16:44  
 Operator : AJ\SJ  
 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 14 17:12:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 022819.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 01 04:06:35 2019  
 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...      | 7.311  | 1744426    | 16.527 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 33.05%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.158  | 1186143    | 16.827 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 33.65%       |
| 11) S ortho-Terphenyl (SURR)       | 11.195 | 2115887    | 18.455 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.91%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.125  | 1892635    | 17.883 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.650  | 1985642    | 16.917 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.698  | 1969646    | 16.650 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.962  | 1971065    | 17.094 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.256  | 2076457    | 17.092 ug/ml |
| 8) T Fluorene (C16.55)             | 9.034  | 2022222    | 16.807 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.419 | 2077662    | 18.594 ug/ml |
| 10) T Anthracene (C19.43)          | 10.494 | 2018995    | 18.238 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.221 | 2162846    | 19.933 ug/ml |
| 13) T Pyrene (C20.8)               | 12.513 | 2171683    | 20.695 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.380 | 2147123    | 21.216 ug/ml |
| 15) T Chrysene (C27.41)            | 14.422 | 2228010    | 21.608 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.923 | 2230836    | 21.167 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.955 | 2311756    | 21.467 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.297 | 2233578    | 20.869 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.656 | 2046549    | 19.998 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.698 | 2066760    | 20.511 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.907 | 2155281    | 19.946 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

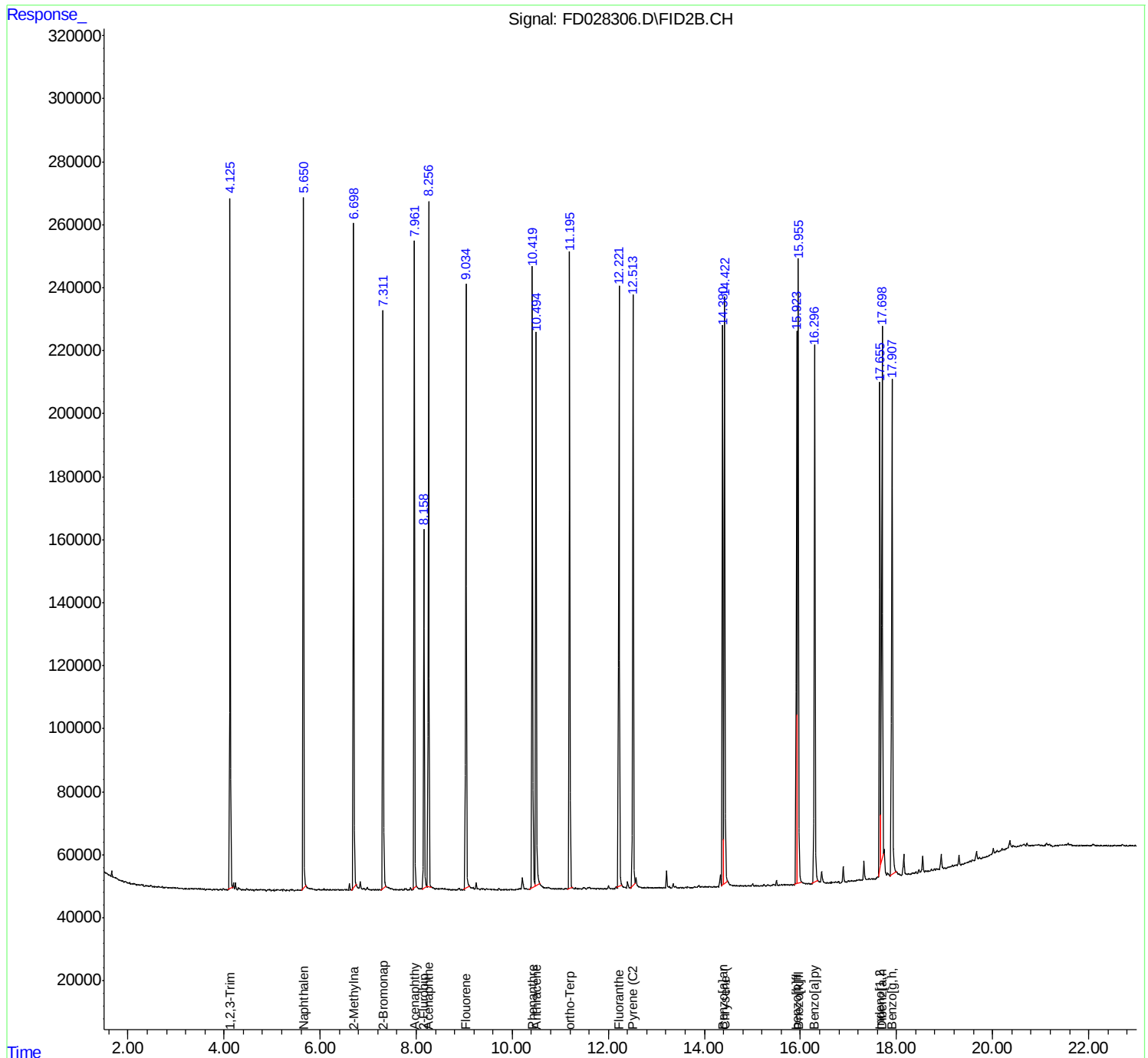
(m)=manual int.

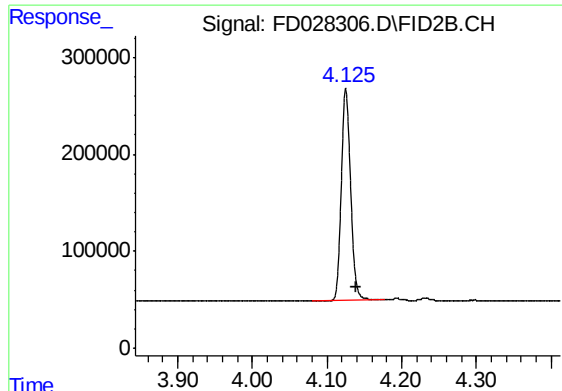
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031319AR\  
Data File : FD028306.D  
Signal(s) : FID2B.CH  
Acq On : 14 Mar 2019 16:44  
Operator : AJ\SJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Mar 14 17:12:17 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 022819.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 01 04:06:35 2019  
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

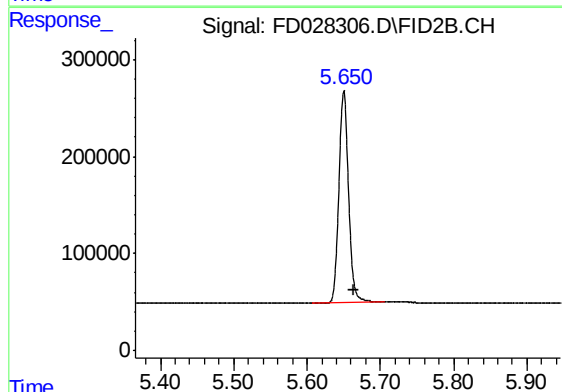




#1 1,2,3-Trimethylbenzene (C10.1)

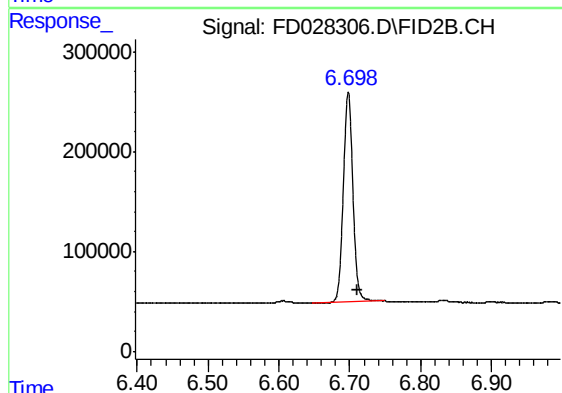
R.T.: 4.125 min  
Delta R.T.: -0.014 min  
Response: 1892635  
Conc: 17.88 ug/ml

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



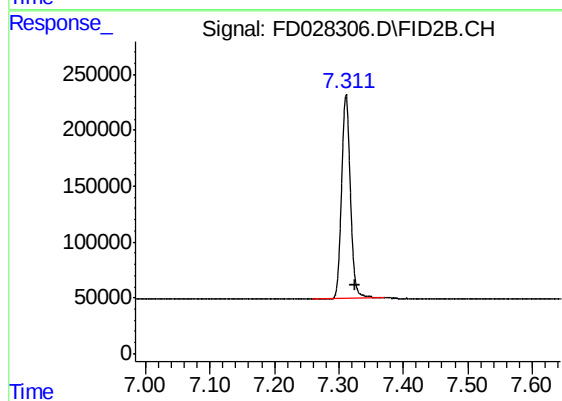
#2 Naphthalene (C11.7)

R.T.: 5.650 min  
Delta R.T.: -0.014 min  
Response: 1985642  
Conc: 16.92 ug/ml



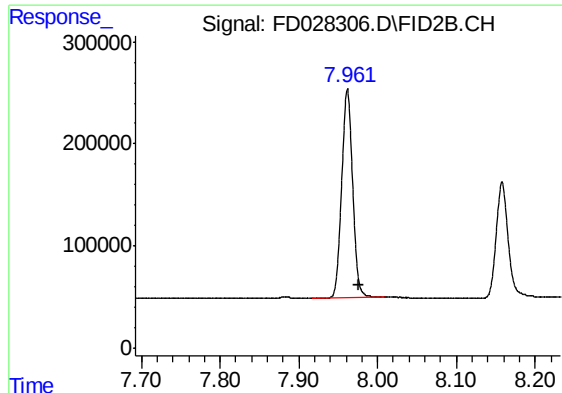
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.698 min  
Delta R.T.: -0.013 min  
Response: 1969646  
Conc: 16.65 ug/ml



#4 2-Bromonaphthalene (SURR)

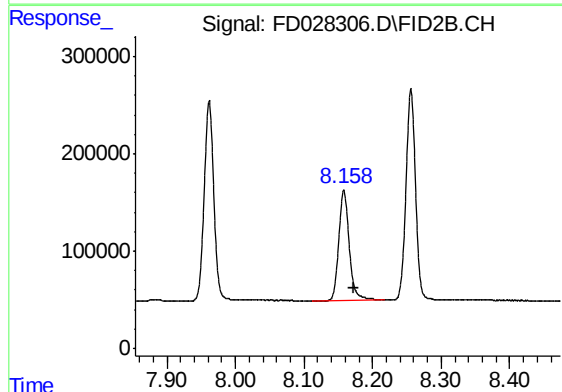
R.T.: 7.311 min  
Delta R.T.: -0.014 min  
Response: 1744426  
Conc: 16.53 ug/ml



#5 Acenaphthylene (C15.06)

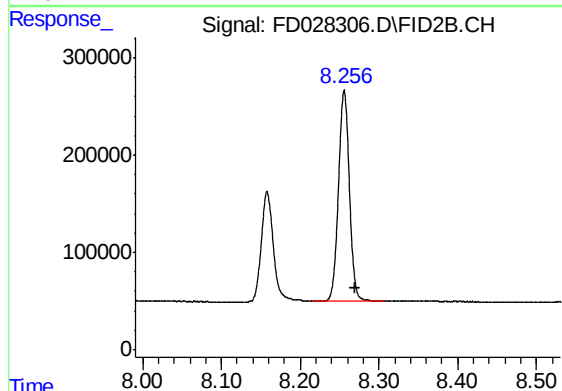
R.T.: 7.962 min  
Delta R.T.: -0.014 min  
Response: 1971065  
Conc: 17.09 ug/ml

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



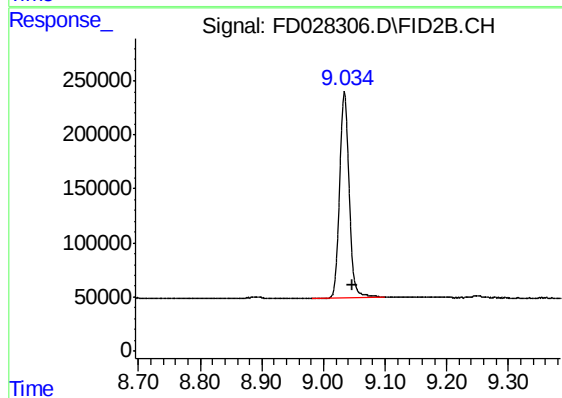
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.158 min  
Delta R.T.: -0.015 min  
Response: 1186143  
Conc: 16.83 ug/ml



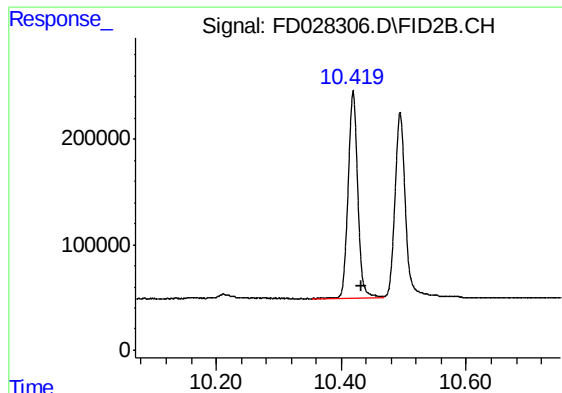
#7 Acenaphthene (C15.5)

R.T.: 8.256 min  
Delta R.T.: -0.014 min  
Response: 2076457  
Conc: 17.09 ug/ml



#8 Fluorene (C16.55)

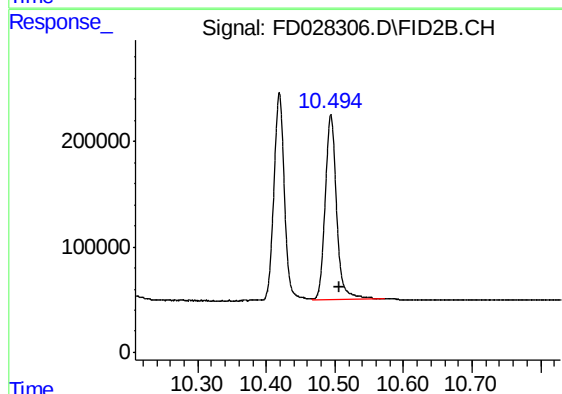
R.T.: 9.034 min  
Delta R.T.: -0.013 min  
Response: 2022222  
Conc: 16.81 ug/ml



#9 Phenanthrene (C19.36)

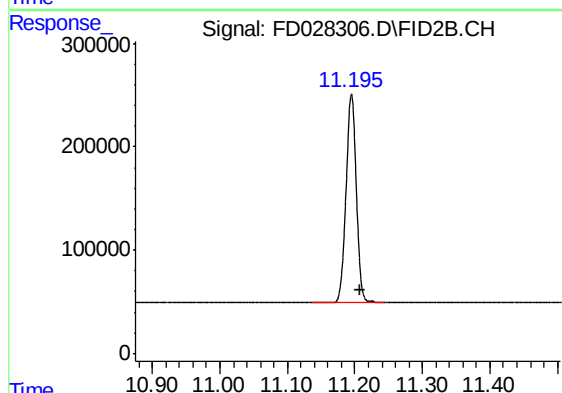
R.T.: 10.419 min  
Delta R.T.: -0.013 min  
Response: 2077662  
Conc: 18.59 ug/ml

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



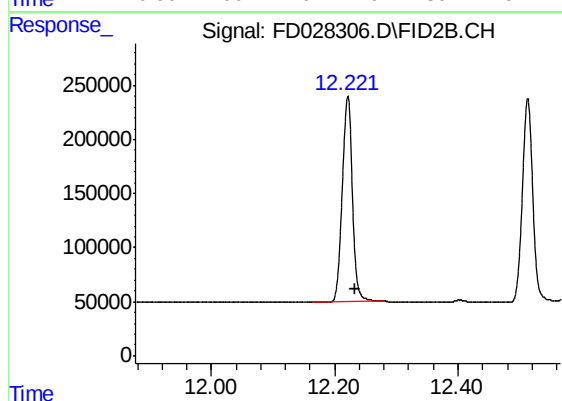
#10 Anthracene (C19.43)

R.T.: 10.494 min  
Delta R.T.: -0.012 min  
Response: 2018995  
Conc: 18.24 ug/ml



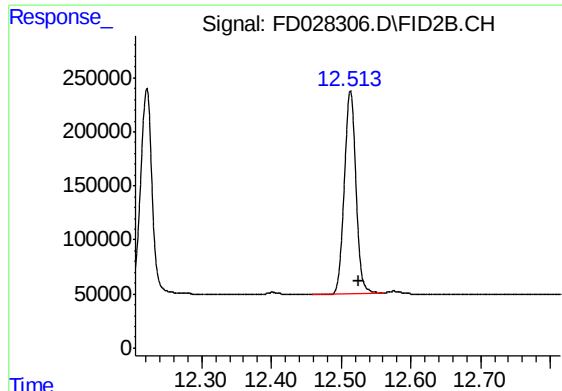
#11 ortho-Terphenyl (SURRE)

R.T.: 11.195 min  
Delta R.T.: -0.013 min  
Response: 2115887  
Conc: 18.46 ug/ml



#12 Fluoranthene (C21.85)

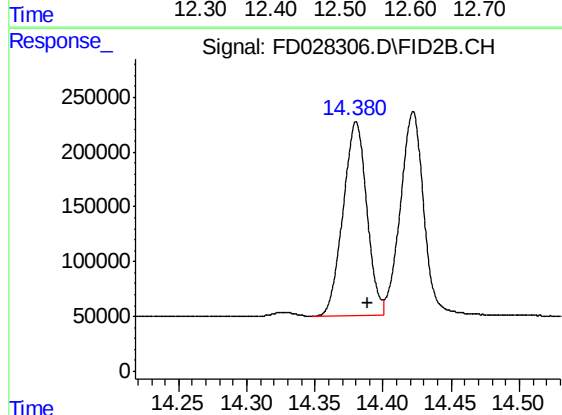
R.T.: 12.221 min  
Delta R.T.: -0.012 min  
Response: 2162846  
Conc: 19.93 ug/ml



#13 Pyrene (C20.8)

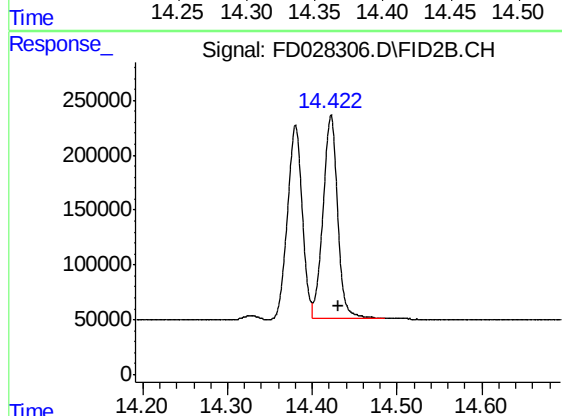
R.T.: 12.513 min  
Delta R.T.: -0.012 min  
Response: 2171683  
Conc: 20.69 ug/ml

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



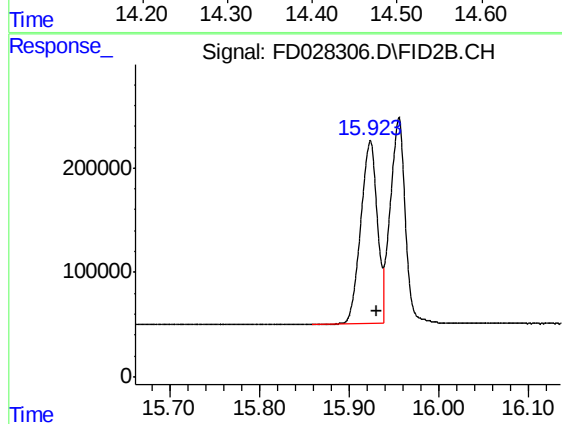
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.380 min  
Delta R.T.: -0.009 min  
Response: 2147123  
Conc: 21.22 ug/ml



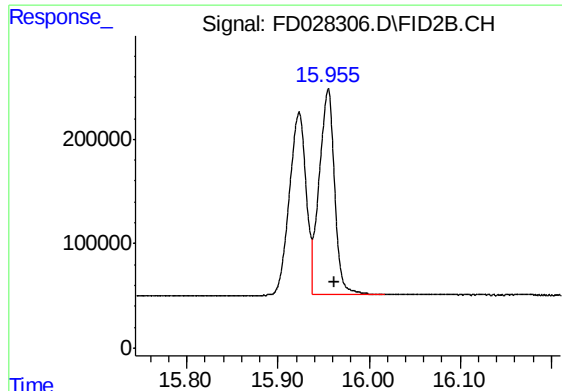
#15 Chrysene (C27.41)

R.T.: 14.422 min  
Delta R.T.: -0.008 min  
Response: 2228010  
Conc: 21.61 ug/ml



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

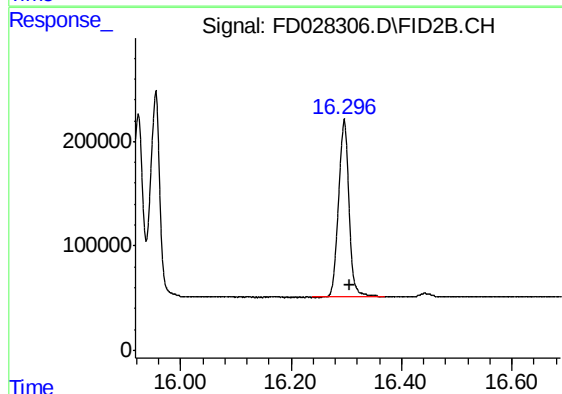
R.T.: 15.923 min  
Delta R.T.: -0.008 min  
Response: 2230836  
Conc: 21.17 ug/ml



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

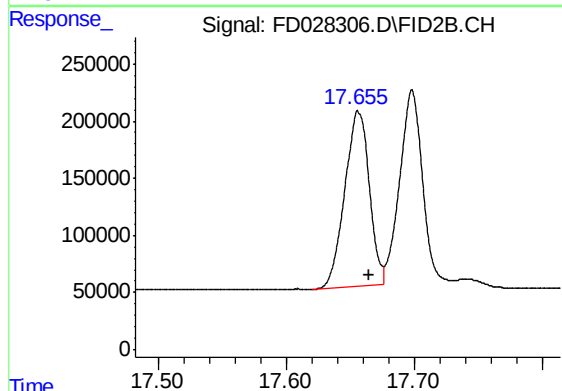
R.T.: 15.955 min  
Delta R.T.: -0.006 min  
Response: 2311756  
Conc: 21.47 ug/ml

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



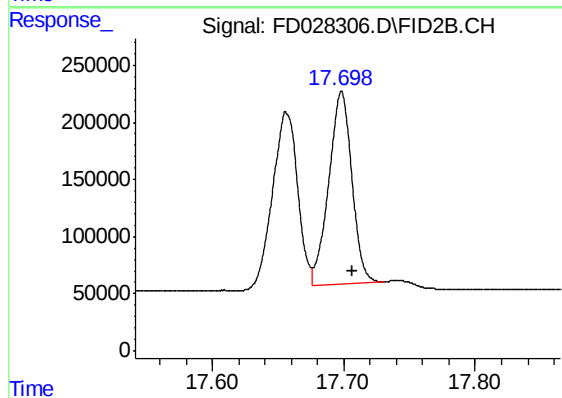
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.297 min  
Delta R.T.: -0.010 min  
Response: 2233578  
Conc: 20.87 ug/ml



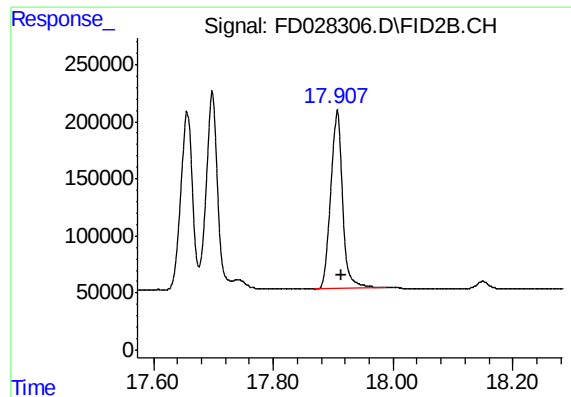
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.656 min  
Delta R.T.: -0.009 min  
Response: 2046549  
Conc: 20.00 ug/ml



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

R.T.: 17.698 min  
Delta R.T.: -0.008 min  
Response: 2066760  
Conc: 20.51 ug/ml



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

R.T.: 17.907 min  
Delta R.T.: -0.006 min  
Response: 2155281  
Conc: 19.95 ug/ml

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