

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD092220AR\  
 Data File : FD034823.D  
 Signal(s) : FID2B.CH  
 Acq On : 23 Sep 2020 2:14  
 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: Sep 23 03:35:24 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 083120.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 01 02:30:57 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...      | 7.682  | 2152233    | 20.984 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.97%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.548  | 1486342    | 20.658 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.32%       |
| 11) S ortho-Terphenyl (SURR)       | 11.589 | 2452609    | 20.473 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.95%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.476  | 2442696    | 21.576 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.019  | 2466218    | 21.129 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.073  | 2480330    | 21.001 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.351  | 2389158    | 20.443 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.646  | 2453920    | 20.625 ug/ml |
| 8) T Fluorene (C16.55)             | 9.428  | 2364406    | 20.507 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.826 | 2389112    | 20.490 ug/ml |
| 10) T Anthracene (C19.43)          | 10.900 | 2050127    | 17.996 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.639 | 2354650    | 20.192 ug/ml |
| 13) T Pyrene (C20.8)               | 12.937 | 2288540    | 20.166 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.809 | 2210830    | 20.032 ug/ml |
| 15) T Chrysene (C27.41)            | 14.851 | 2276450    | 20.381 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.392 | 2220849    | 20.734 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.392 | 2220849    | 20.945 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.739 | 2216021    | 21.043 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.144 | 2274107    | 22.448 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.144 | 2274107    | 22.382 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.360 | 2235662    | 22.141 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

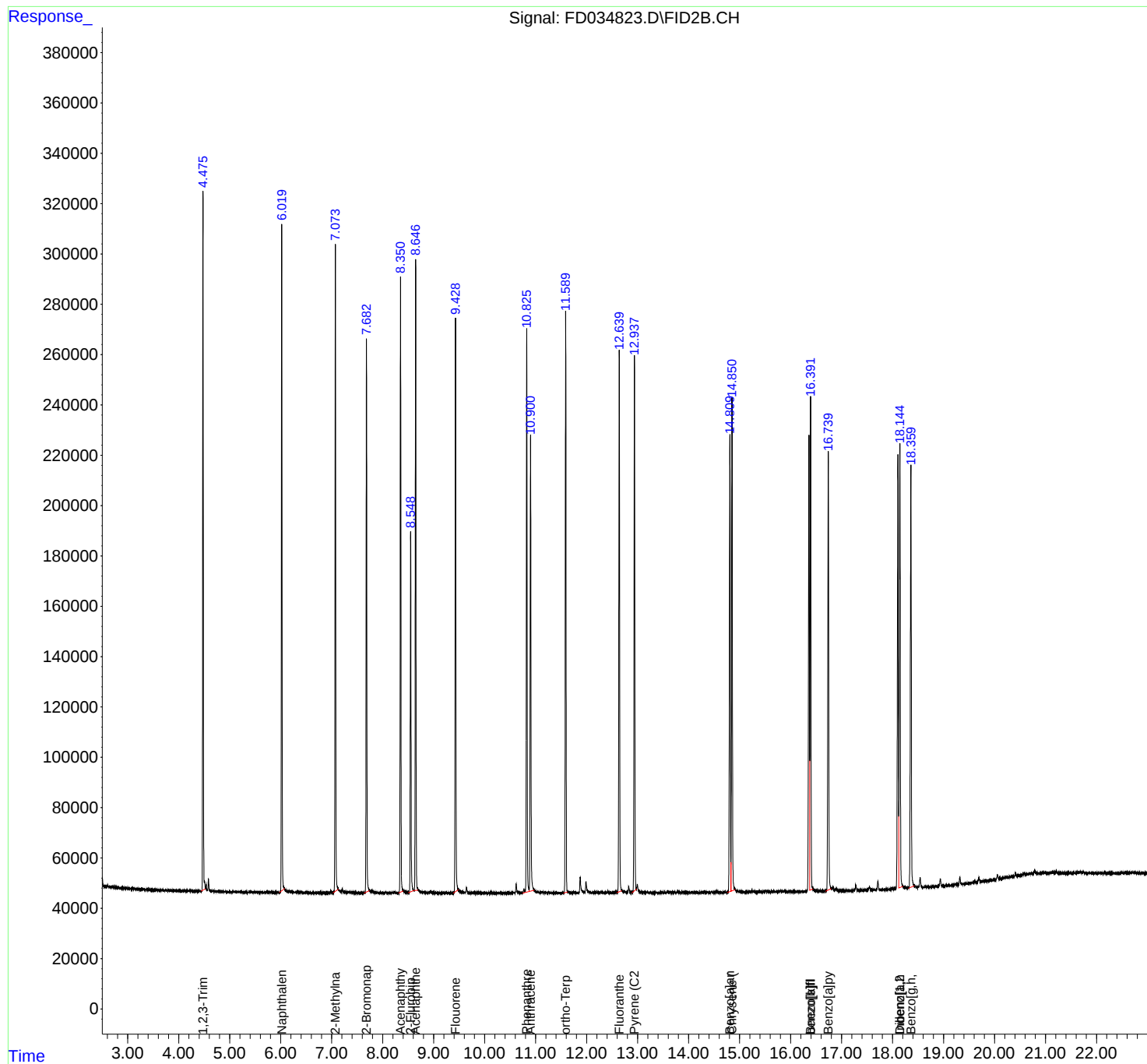
(m)=manual int.

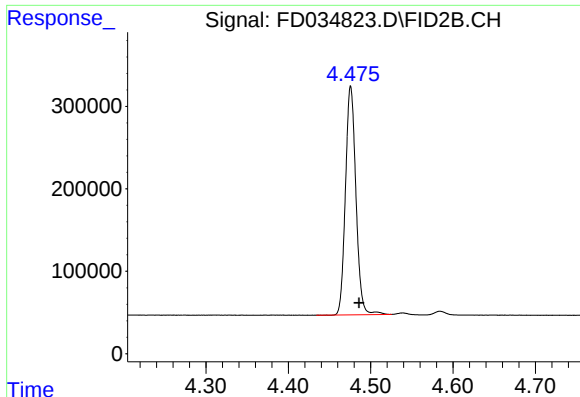
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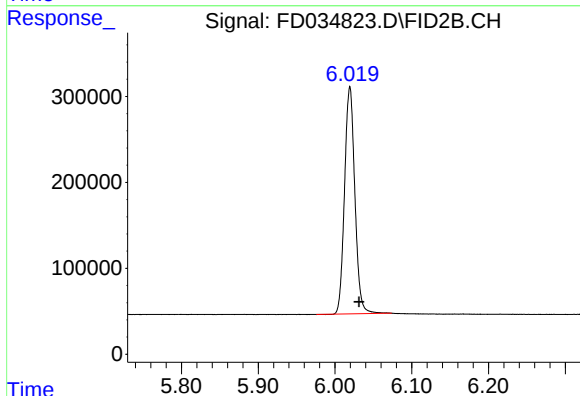




#1 1,2,3-Trimethylbenzene (C10.1)

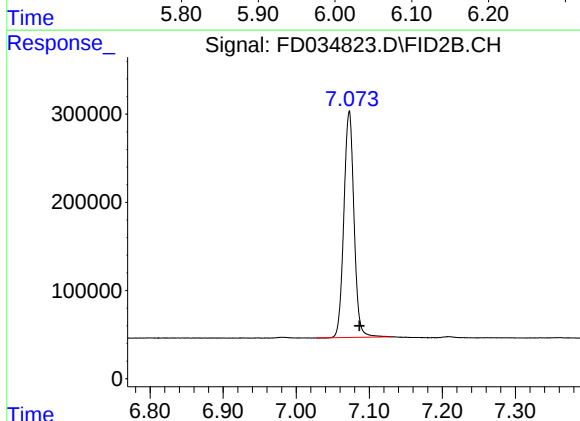
R.T.: 4.476 min  
Delta R.T.: -0.010 min  
Response: 2442696  
Conc: 21.58 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



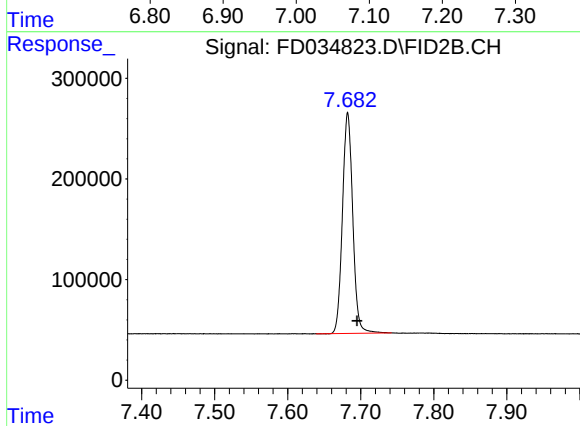
#2 Naphthalene (C11.7)

R.T.: 6.019 min  
Delta R.T.: -0.012 min  
Response: 2466218  
Conc: 21.13 ug/ml



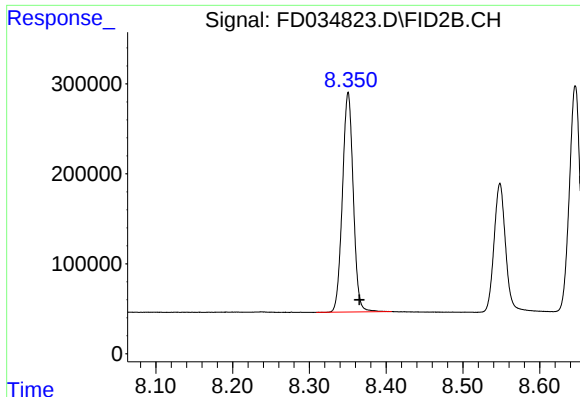
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min  
Delta R.T.: -0.014 min  
Response: 2480330  
Conc: 21.00 ug/ml



#4 2-Bromonaphthalene (SURR)

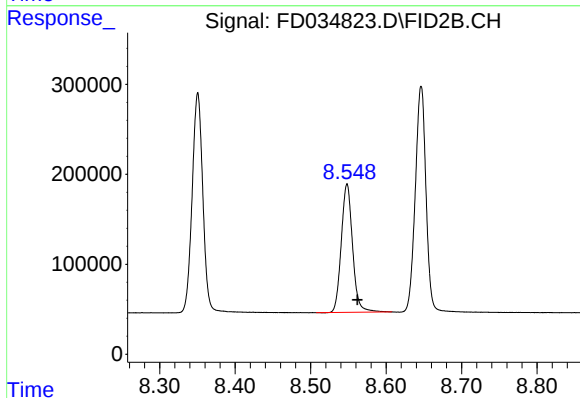
R.T.: 7.682 min  
Delta R.T.: -0.013 min  
Response: 2152233  
Conc: 20.98 ug/ml



#5 Acenaphthylene (C15.06)

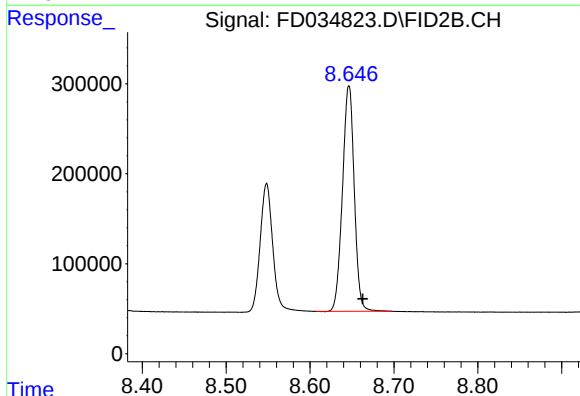
R.T.: 8.351 min  
Delta R.T.: -0.015 min  
Response: 2389158  
Conc: 20.44 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



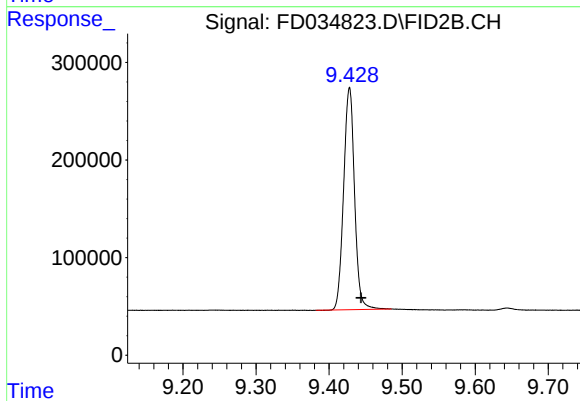
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.548 min  
Delta R.T.: -0.014 min  
Response: 1486342  
Conc: 20.66 ug/ml



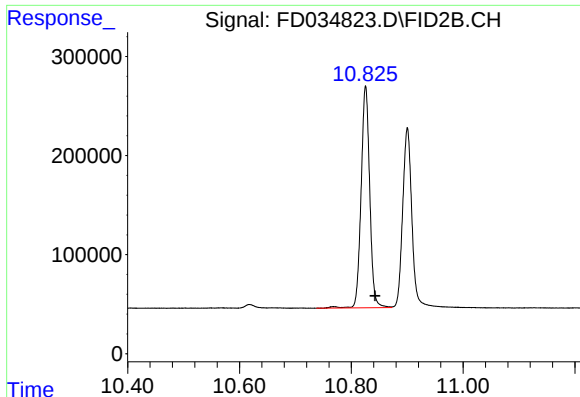
#7 Acenaphthene (C15.5)

R.T.: 8.646 min  
Delta R.T.: -0.017 min  
Response: 2453920  
Conc: 20.62 ug/ml



#8 Flouorene (C16.55)

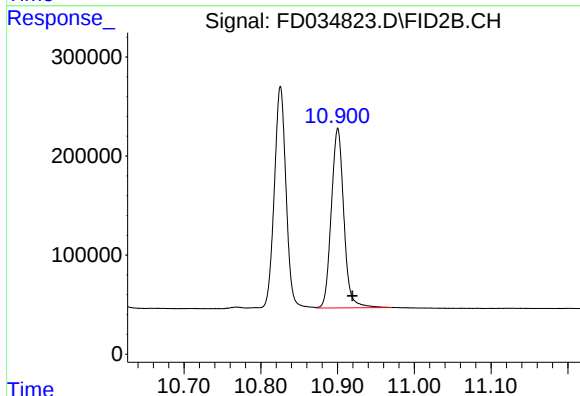
R.T.: 9.428 min  
Delta R.T.: -0.015 min  
Response: 2364406  
Conc: 20.51 ug/ml



#9 Phenanthrene (C19.36)

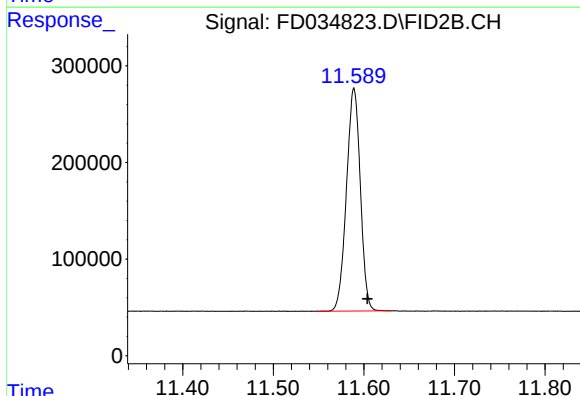
R.T.: 10.826 min  
Delta R.T.: -0.017 min  
Response: 2389112  
Conc: 20.49 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



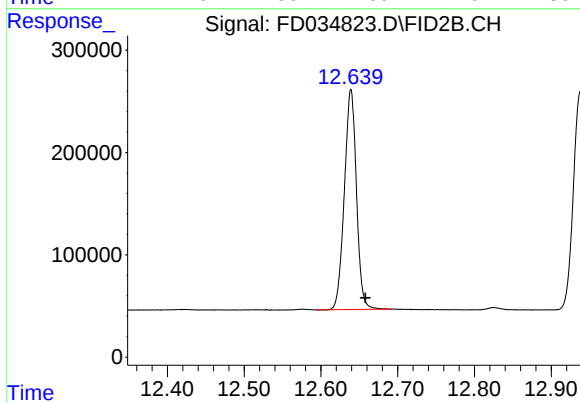
#10 Anthracene (C19.43)

R.T.: 10.900 min  
Delta R.T.: -0.019 min  
Response: 2050127  
Conc: 18.00 ug/ml



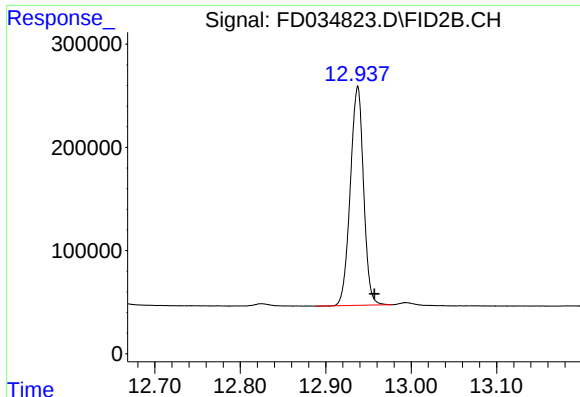
#11 ortho-Terphenyl (SURR)

R.T.: 11.589 min  
Delta R.T.: -0.015 min  
Response: 2452609  
Conc: 20.47 ug/ml



#12 Fluoranthene (C21.85)

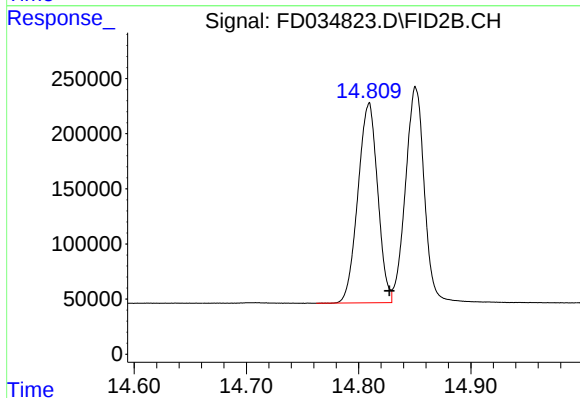
R.T.: 12.639 min  
Delta R.T.: -0.019 min  
Response: 2354650  
Conc: 20.19 ug/ml



#13 Pyrene (C20.8)

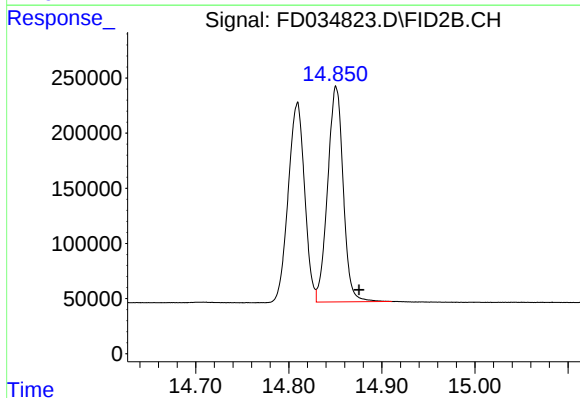
R.T.: 12.937 min  
Delta R.T.: -0.019 min  
Response: 2288540  
Conc: 20.17 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



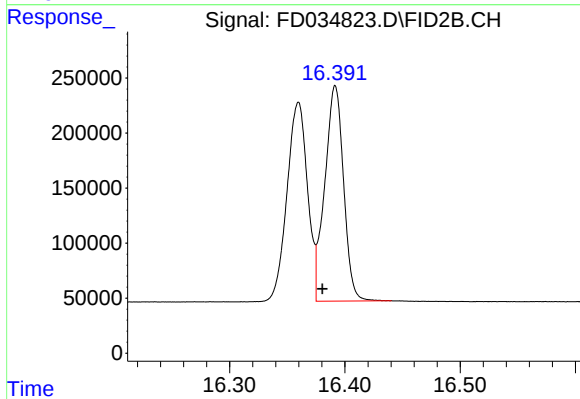
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.809 min  
Delta R.T.: -0.018 min  
Response: 2210830  
Conc: 20.03 ug/ml



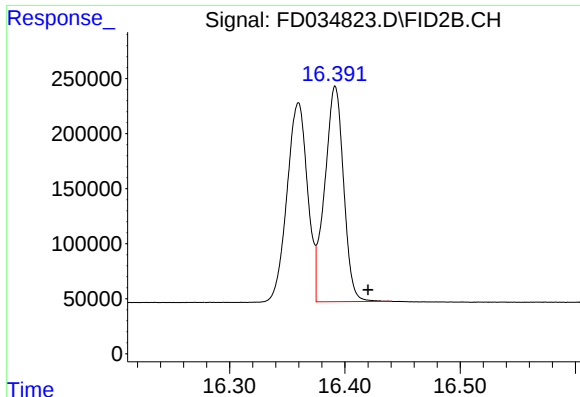
#15 Chrysene (C27.41)

R.T.: 14.851 min  
Delta R.T.: -0.025 min  
Response: 2276450  
Conc: 20.38 ug/ml



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

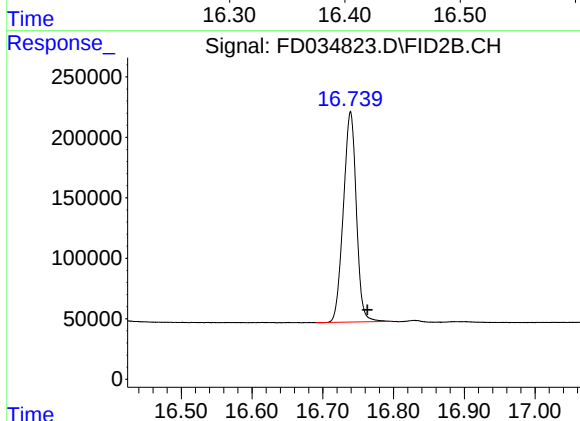
R.T.: 16.392 min  
Delta R.T.: 0.011 min  
Response: 2220849  
Conc: 20.73 ug/ml



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

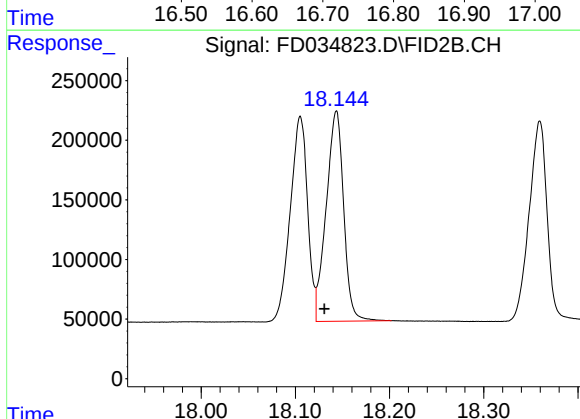
R.T.: 16.392 min  
Delta R.T.: -0.028 min  
Response: 2220849  
Conc: 20.94 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



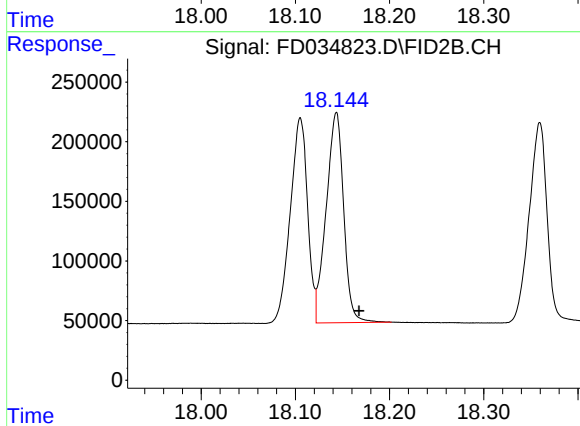
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.739 min  
Delta R.T.: -0.024 min  
Response: 2216021  
Conc: 21.04 ug/ml



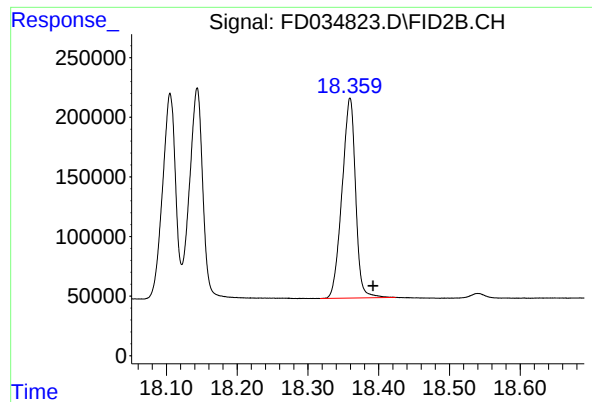
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.144 min  
Delta R.T.: 0.013 min  
Response: 2274107  
Conc: 22.45 ug/ml



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

R.T.: 18.144 min  
Delta R.T.: -0.024 min  
Response: 2274107  
Conc: 22.38 ug/ml



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

R.T.: 18.360 min  
Delta R.T.: -0.032 min  
Response: 2235662  
Conc: 22.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :