

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102519AR\  
 Data File : FD031236.D  
 Signal(s) : FID2B.CH  
 Acq On : 25 Oct 2019 14:09  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 25 23:50:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 15 03:44:42 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...      | 7.538  | 2085410    | 21.817 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 43.63%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.400  | 1346712    | 21.224 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.45%        |
| 11) S ortho-Terphenyl (SURR)       | 11.426 | 2291873    | 20.911 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.82%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.346  | 2304278    | 23.229 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.880  | 2285641    | 22.574 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.929  | 2258722    | 22.030 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.199  | 2187774    | 21.194 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.493  | 2351969    | 21.547 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.274  | 2232436    | 21.536 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.666 | 2212499    | 21.179 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.742 | 1976304    | 18.835 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.474 | 2250655    | 21.186 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.769 | 2167019    | 20.451 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.637 | 2055625    | 21.397 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.680 | 2320274    | 21.105 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.186 | 2106823    | 21.719 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.218 | 2323784    | 21.349 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.567 | 2078367    | 21.179 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.933 | 2061524    | 22.808 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.967 | 2355375    | 22.944 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.185 | 2194839    | 23.026 ug/ml  |
| -----                              |        |            |               |

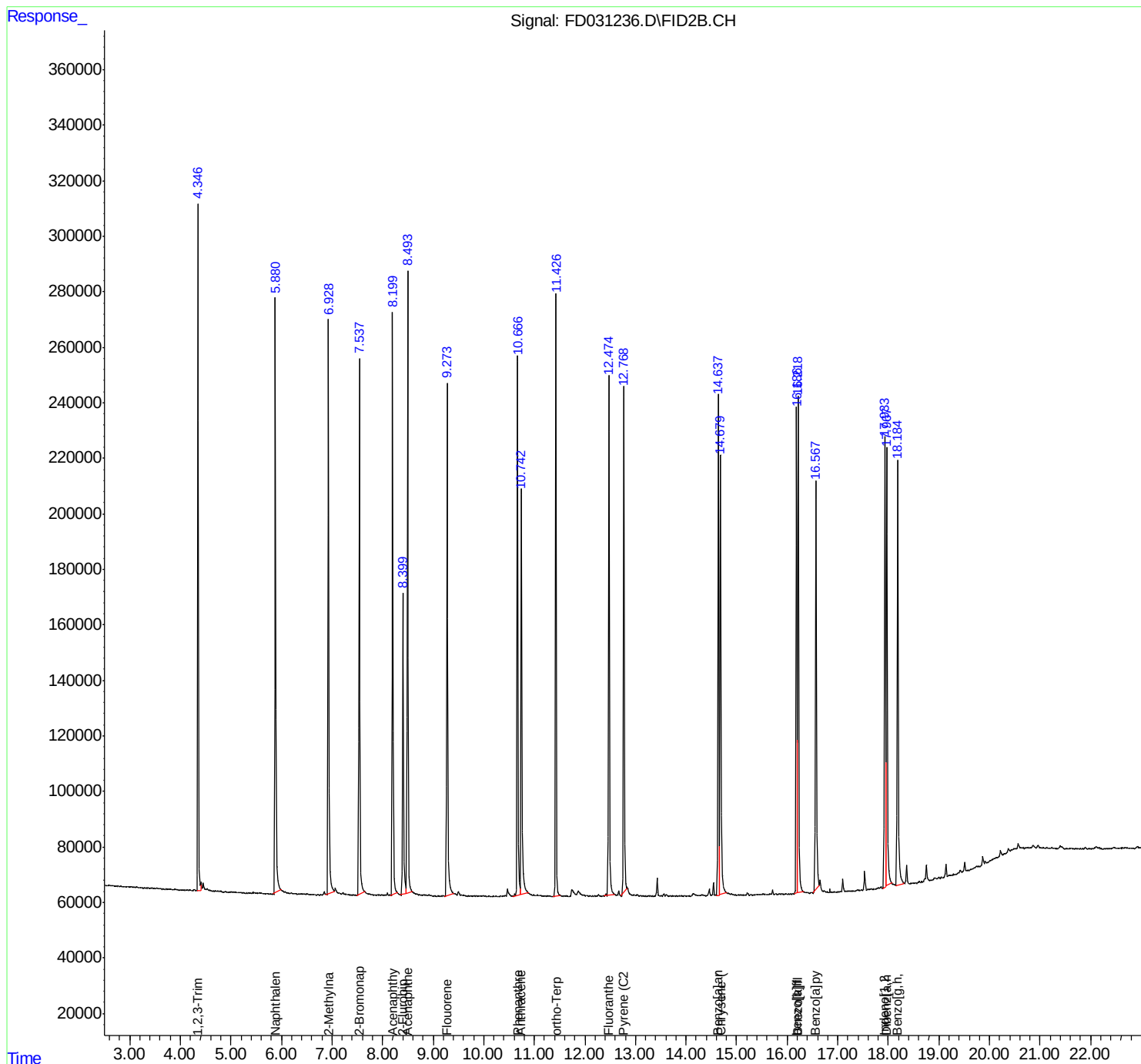
(f)=RT Delta > 1/2 Window

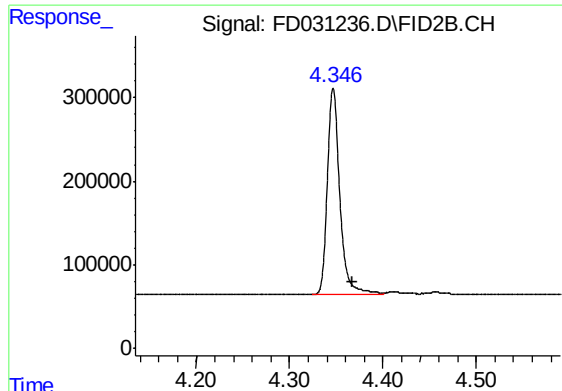
(m)=manual int.

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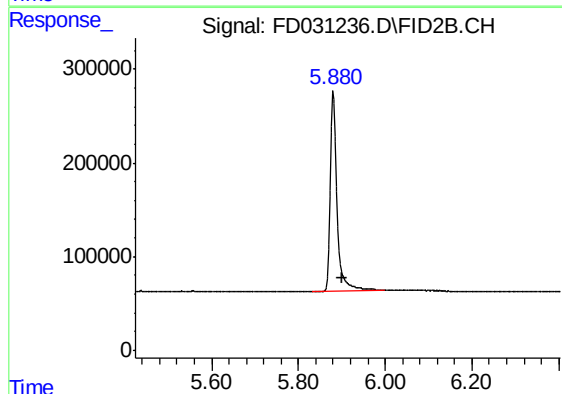
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





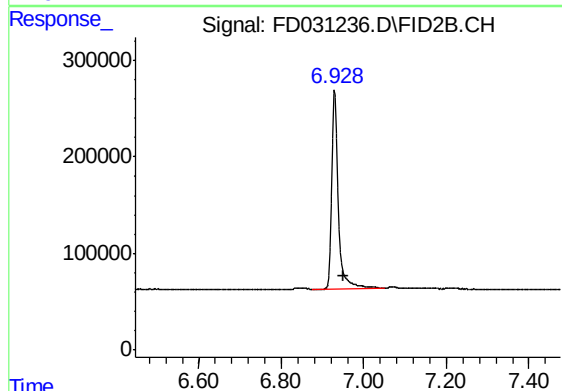
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.346 min  
Delta R.T.: -0.022 min  
Response: 2304278  
Conc: 23.23 ug/ml m



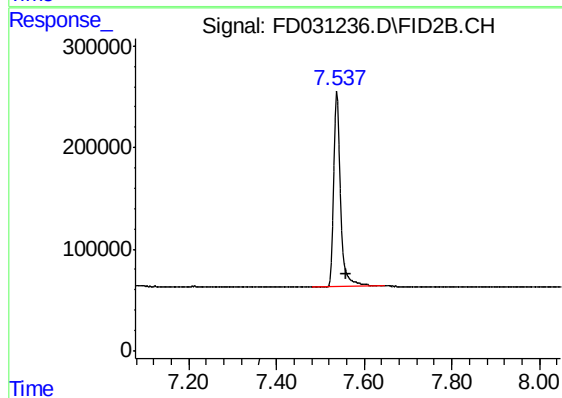
#2 Naphthalene (C11.7)

R.T.: 5.880 min  
Delta R.T.: -0.022 min  
Response: 2285641  
Conc: 22.57 ug/ml



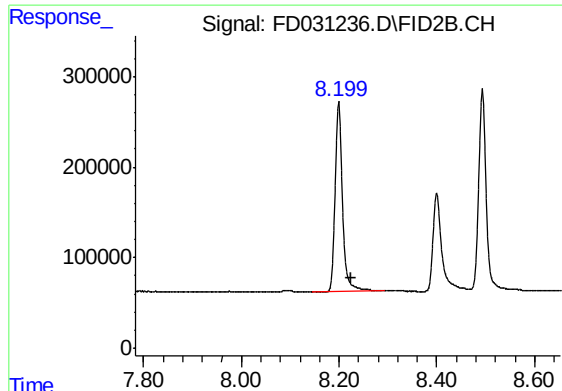
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.929 min  
Delta R.T.: -0.023 min  
Response: 2258722  
Conc: 22.03 ug/ml



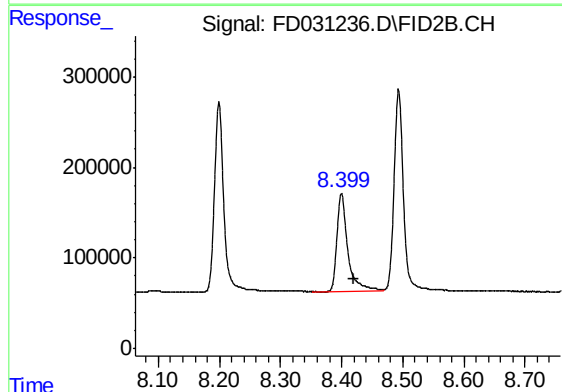
#4 2-Bromonaphthalene (SURR)

R.T.: 7.538 min  
Delta R.T.: -0.022 min  
Response: 2085410  
Conc: 21.82 ug/ml



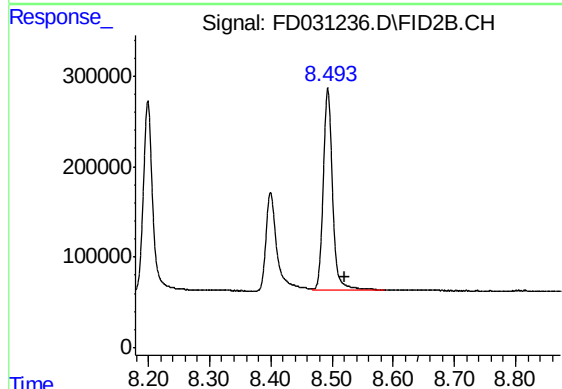
#5 Acenaphthylene (C15.06)

R.T.: 8.199 min  
Delta R.T.: -0.025 min  
Response: 2187774  
Conc: 21.19 ug/ml



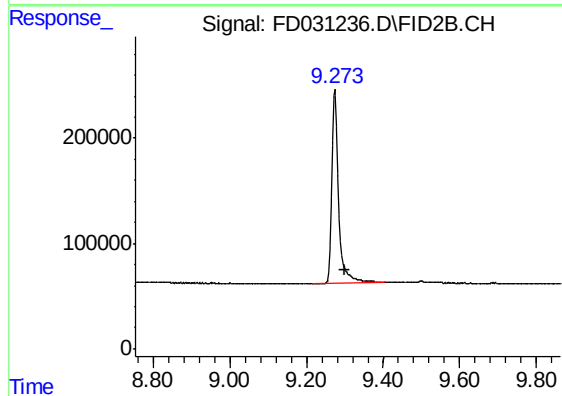
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min  
Delta R.T.: -0.021 min  
Response: 1346712  
Conc: 21.22 ug/ml



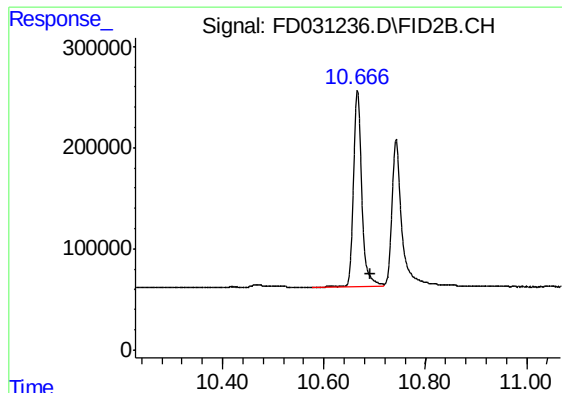
#7 Acenaphthene (C15.5)

R.T.: 8.493 min  
Delta R.T.: -0.027 min  
Response: 2351969  
Conc: 21.55 ug/ml



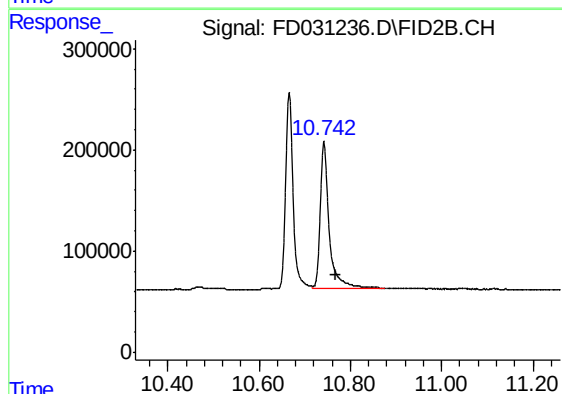
#8 Flouorene (C16.55)

R.T.: 9.274 min  
Delta R.T.: -0.025 min  
Response: 2232436  
Conc: 21.54 ug/ml



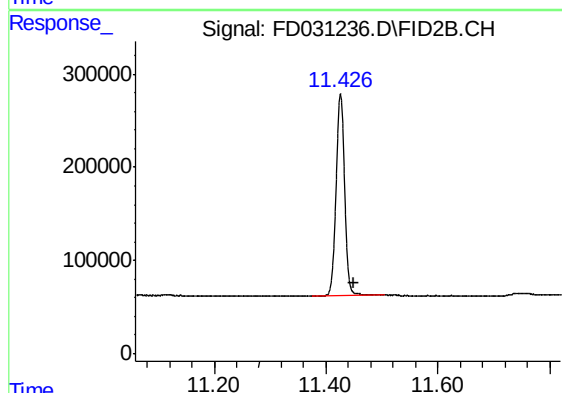
#9 Phenanthrene (C19.36)

R.T.: 10.666 min  
Delta R.T.: -0.024 min  
Response: 2212499  
Conc: 21.18 ug/ml



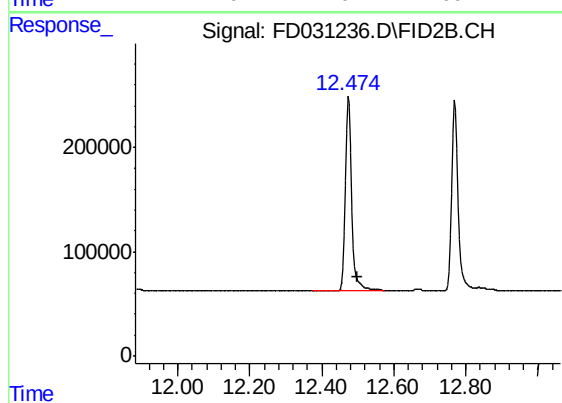
#10 Anthracene (C19.43)

R.T.: 10.742 min  
Delta R.T.: -0.025 min  
Response: 1976304  
Conc: 18.83 ug/ml



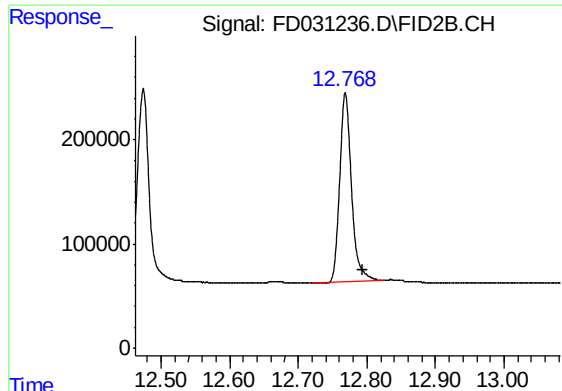
#11 ortho-Terphenyl (SURR)

R.T.: 11.426 min  
Delta R.T.: -0.023 min  
Response: 2291873  
Conc: 20.91 ug/ml



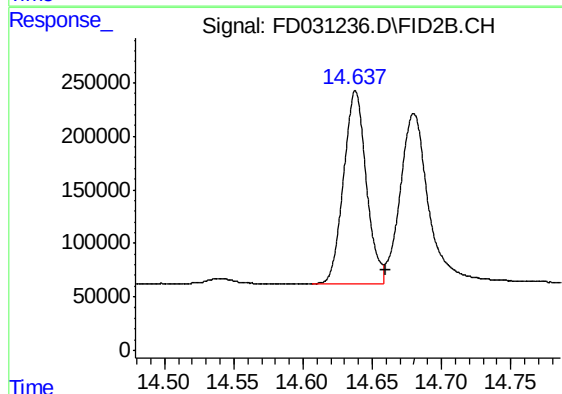
#12 Fluoranthene (C21.85)

R.T.: 12.474 min  
Delta R.T.: -0.023 min  
Response: 2250655  
Conc: 21.19 ug/ml



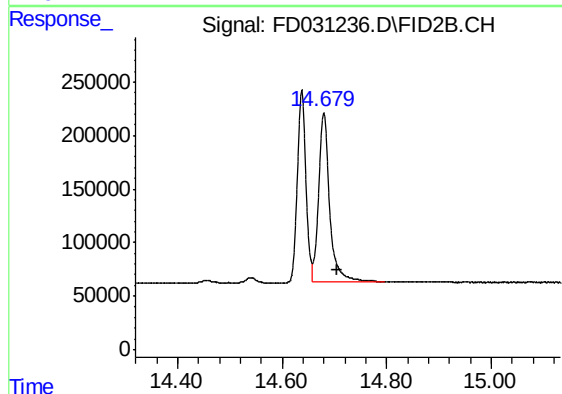
#13 Pyrene (C20.8)

R.T.: 12.769 min  
Delta R.T.: -0.025 min  
Response: 2167019  
Conc: 20.45 ug/ml



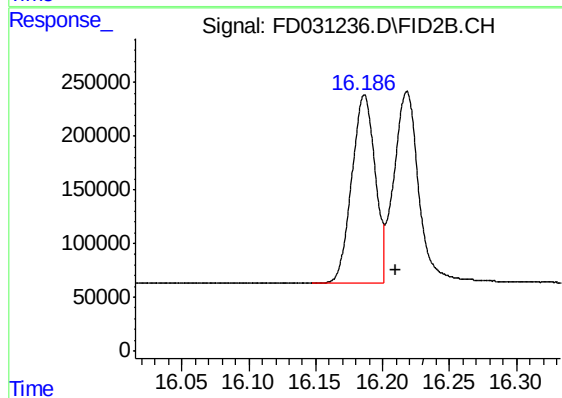
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min  
Delta R.T.: -0.022 min  
Response: 2055625  
Conc: 21.40 ug/ml m



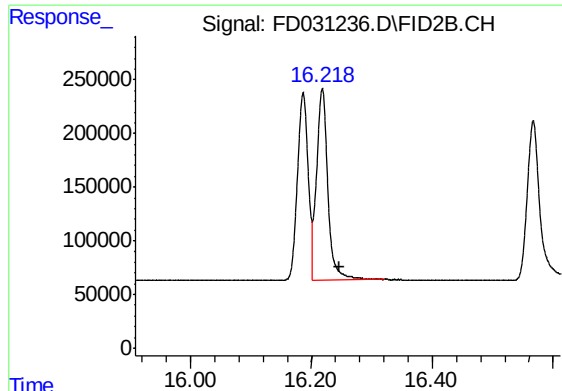
#15 Chrysene (C27.41)

R.T.: 14.680 min  
Delta R.T.: -0.026 min  
Response: 2320274  
Conc: 21.11 ug/ml



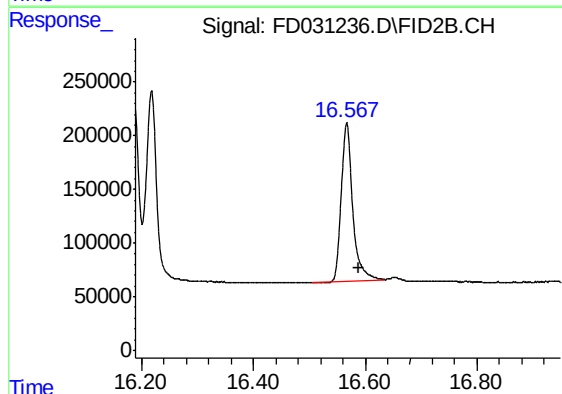
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.186 min  
Delta R.T.: -0.023 min  
Response: 2106823  
Conc: 21.72 ug/ml m



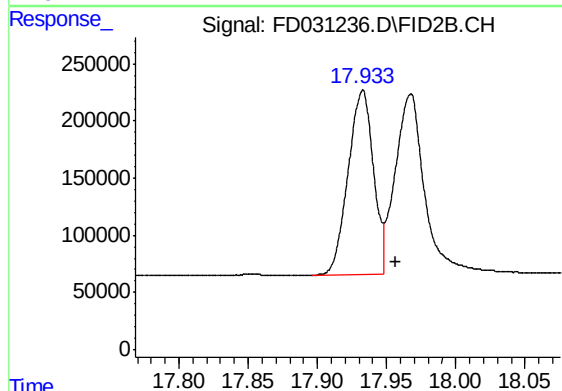
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.218 min  
Delta R.T.: -0.029 min  
Response: 2323784  
Conc: 21.35 ug/ml



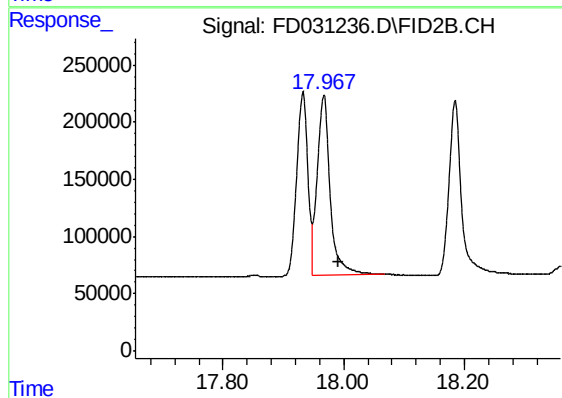
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min  
Delta R.T.: -0.022 min  
Response: 2078367  
Conc: 21.18 ug/ml



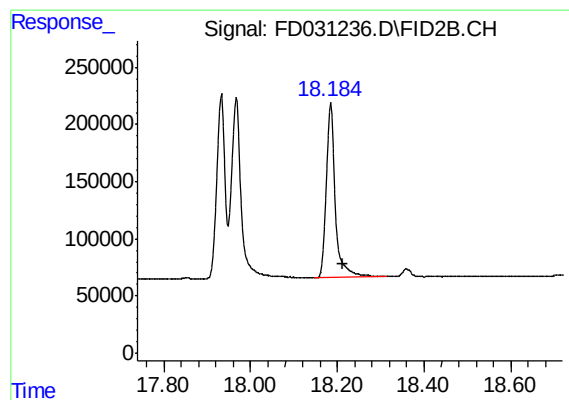
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.933 min  
Delta R.T.: -0.024 min  
Response: 2061524  
Conc: 22.81 ug/ml m



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

R.T.: 17.967 min  
Delta R.T.: -0.024 min  
Response: 2355375  
Conc: 22.94 ug/ml



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

R.T.: 18.185 min  
Delta R.T.: -0.029 min  
Response: 2194839  
Conc: 23.03 ug/ml