

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080321AR\  
 Data File : FD038399.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 Aug 2021 1:16  
 Operator : AJ\MA  
 Sample : 10 PPM AROMATIC HC STD4  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 04 10:57:22 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 080321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 04 10:56:20 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...      | 7.476  | 1245113    | 9.825 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 19.65%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.336  | 843994     | 9.721 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 19.44%       |
| 11) S ortho-Terphenyl (SURR)       | 11.368 | 1463304    | 10.201 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 20.40%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.286  | 1390270    | 9.913 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.816  | 1438065    | 9.875 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.866  | 1412699    | 9.741 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.136  | 1467623    | 10.165 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.430  | 1503776    | 10.046 ug/ml |
| 8) T Fluorene (C16.55)             | 9.211  | 1439525    | 10.102 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.604 | 1411647    | 10.001 ug/ml |
| 10) T Anthracene (C19.43)          | 10.680 | 1376738    | 10.071 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.414 | 1418379    | 10.098 ug/ml |
| 13) T Pyrene (C20.8)               | 12.709 | 1412462    | 10.083 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.582 | 1255547    | 9.806 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.623 | 1387590    | 10.047 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.133 | 1220002    | 9.756 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.164 | 1315865    | 9.981 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.514 | 1190136    | 9.958 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.882 | 1070897    | 9.720 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.917 | 1253526    | 10.184 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.133 | 1142644    | 9.975 ug/ml  |
| -----                              |        |            |              |

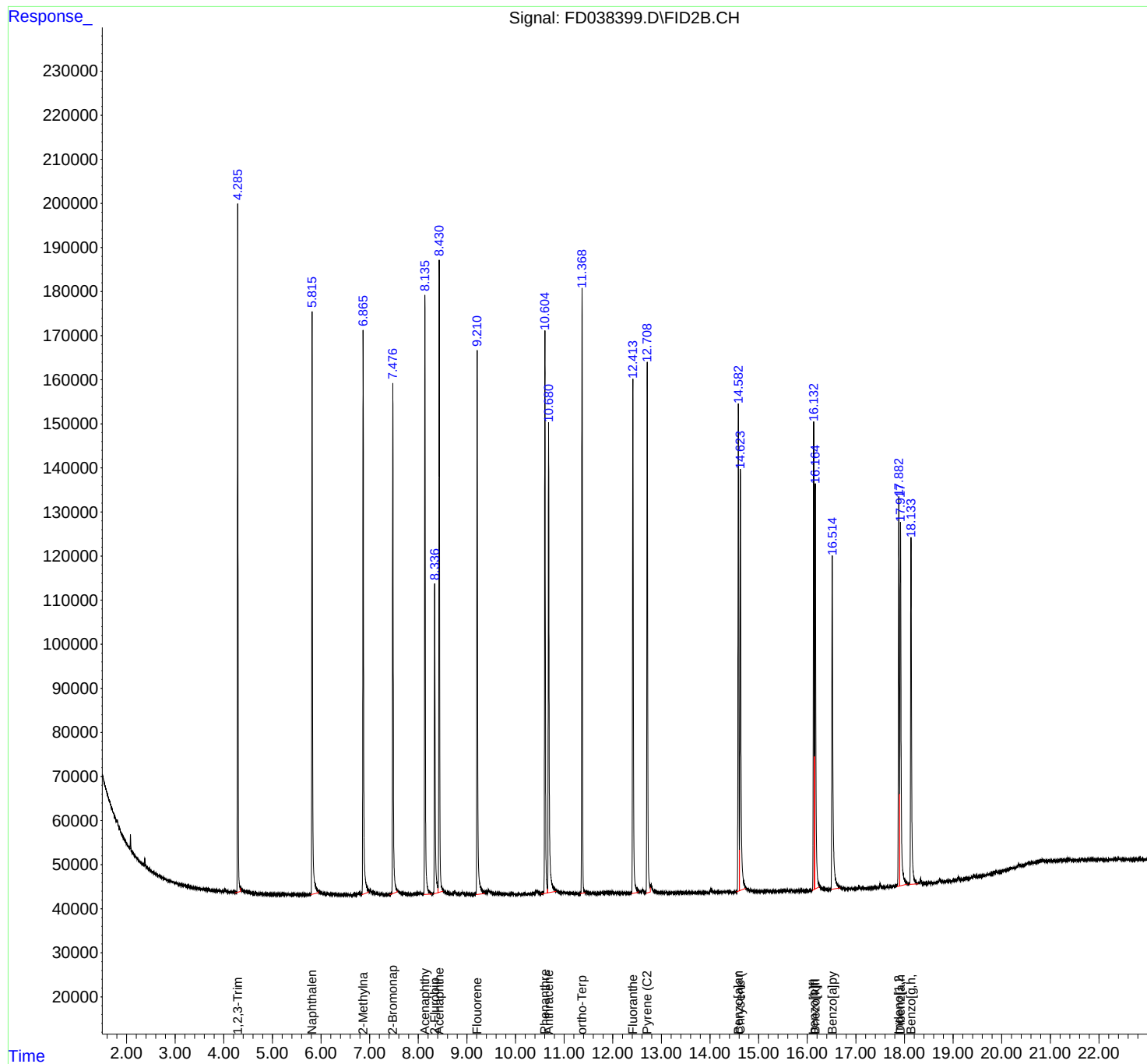
(f)=RT Delta > 1/2 Window

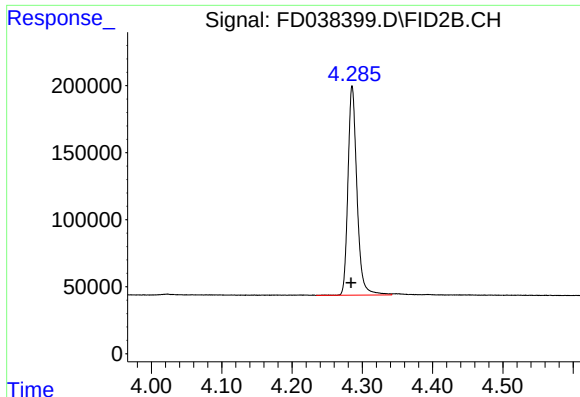
(m)=manual int.

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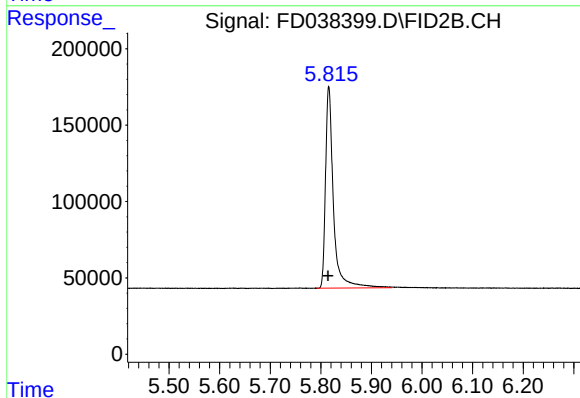
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





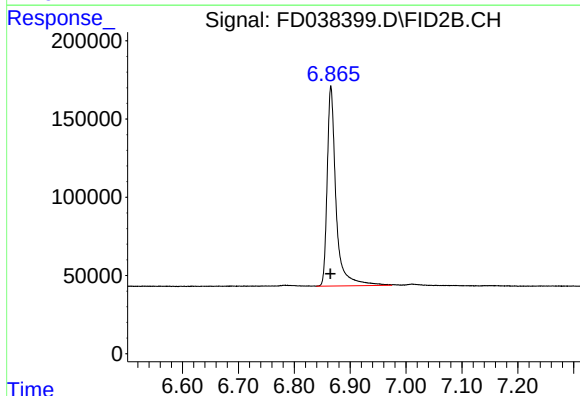
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min  
Delta R.T.: 0.002 min  
Response: 1390270  
Conc: 9.91 ug/ml



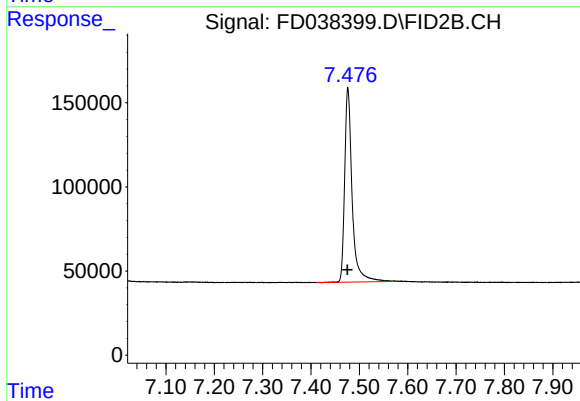
#2 Naphthalene (C11.7)

R.T.: 5.816 min  
Delta R.T.: 0.002 min  
Response: 1438065  
Conc: 9.87 ug/ml



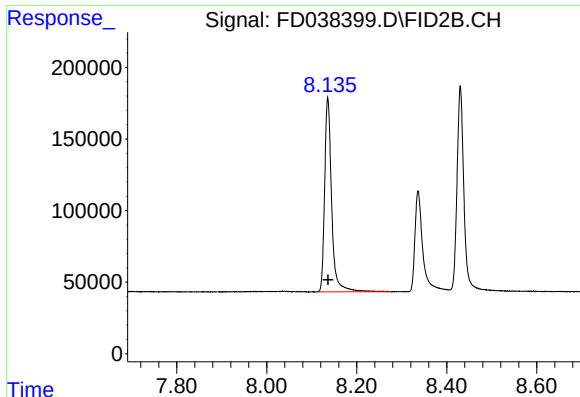
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.866 min  
Delta R.T.: 0.000 min  
Response: 1412699  
Conc: 9.74 ug/ml



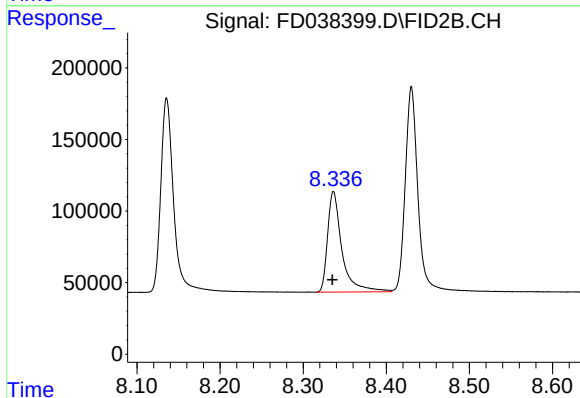
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min  
Delta R.T.: 0.000 min  
Response: 1245113  
Conc: 9.82 ug/ml



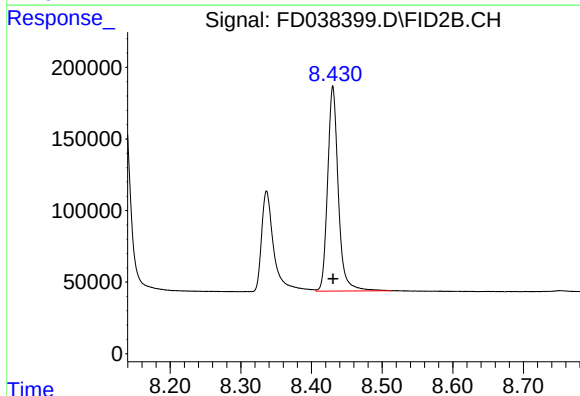
#5 Acenaphthylene (C15.06)

R.T.: 8.136 min  
Delta R.T.: 0.000 min  
Response: 1467623  
Conc: 10.16 ug/ml



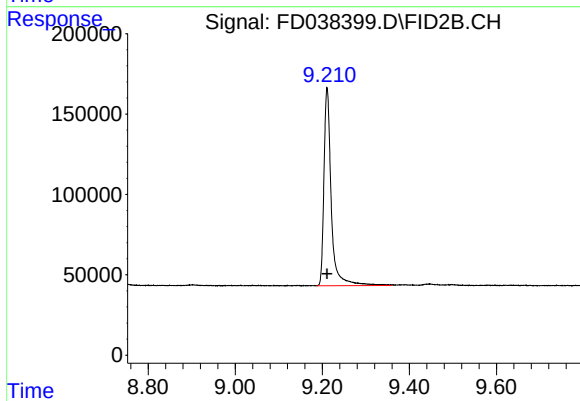
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min  
Delta R.T.: 0.001 min  
Response: 843994  
Conc: 9.72 ug/ml



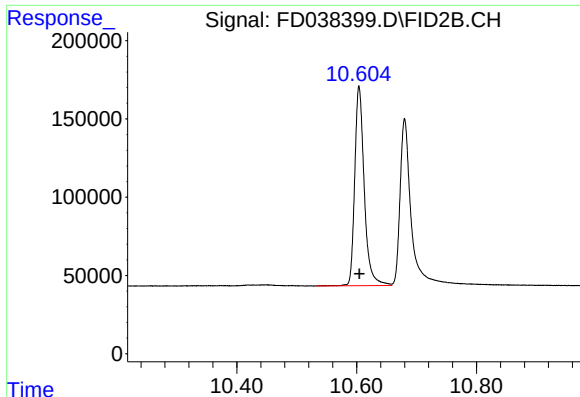
#7 Acenaphthene (C15.5)

R.T.: 8.430 min  
Delta R.T.: 0.000 min  
Response: 1503776  
Conc: 10.05 ug/ml



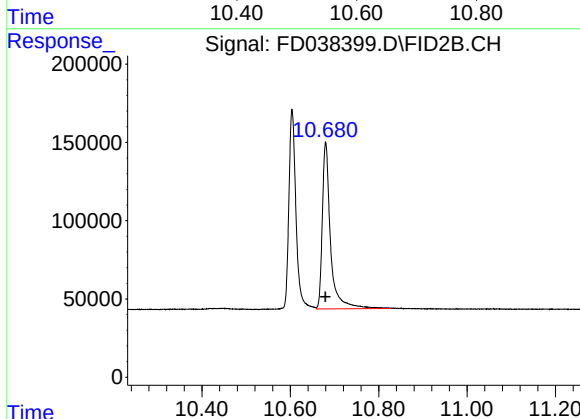
#8 Fluorene (C16.55)

R.T.: 9.211 min  
Delta R.T.: 0.000 min  
Response: 1439525  
Conc: 10.10 ug/ml



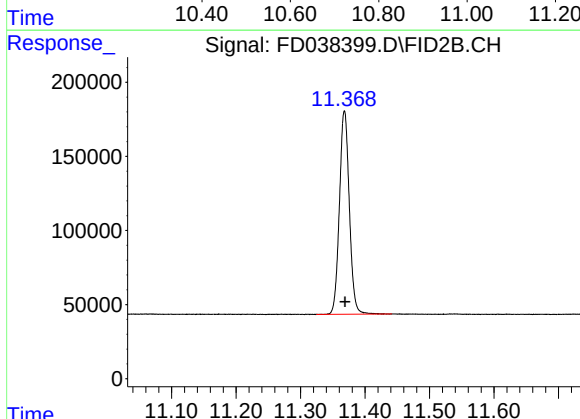
#9 Phenanthrene (C19.36)

R.T.: 10.604 min  
Delta R.T.: 0.000 min  
Response: 1411647  
Conc: 10.00 ug/ml



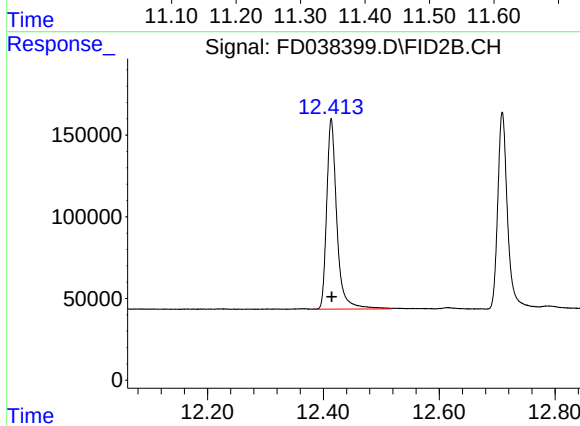
#10 Anthracene (C19.43)

R.T.: 10.680 min  
Delta R.T.: 0.000 min  
Response: 1376738  
Conc: 10.07 ug/ml



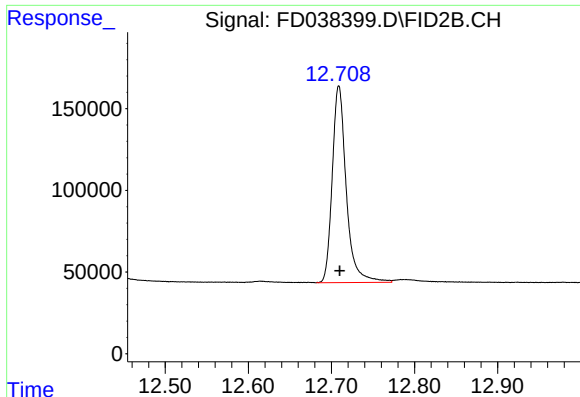
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min  
Delta R.T.: 0.000 min  
Response: 1463304  
Conc: 10.20 ug/ml



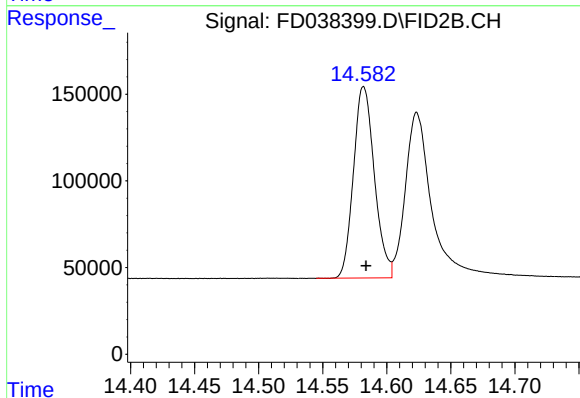
#12 Fluoranthene (C21.85)

R.T.: 12.414 min  
Delta R.T.: 0.000 min  
Response: 1418379  
Conc: 10.10 ug/ml



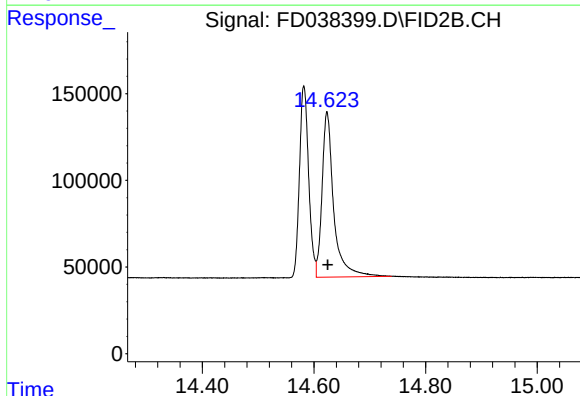
#13 Pyrene (C20.8)

R.T.: 12.709 min  
Delta R.T.: 0.000 min  
Response: 1412462  
Conc: 10.08 ug/ml



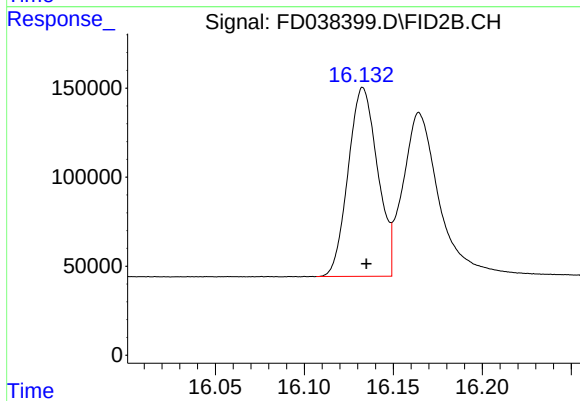
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min  
Delta R.T.: -0.002 min  
Response: 1255547  
Conc: 9.81 ug/ml



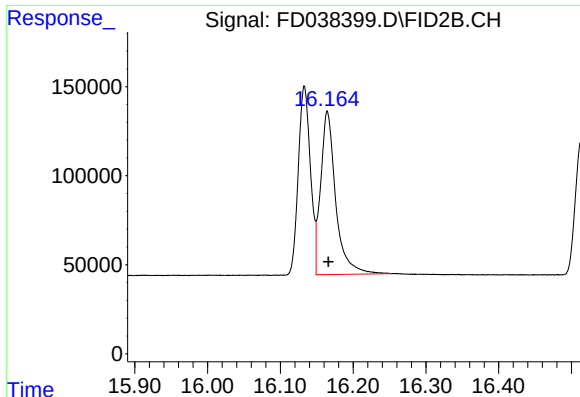
#15 Chrysene (C27.41)

R.T.: 14.623 min  
Delta R.T.: -0.001 min  
Response: 1387590  
Conc: 10.05 ug/ml



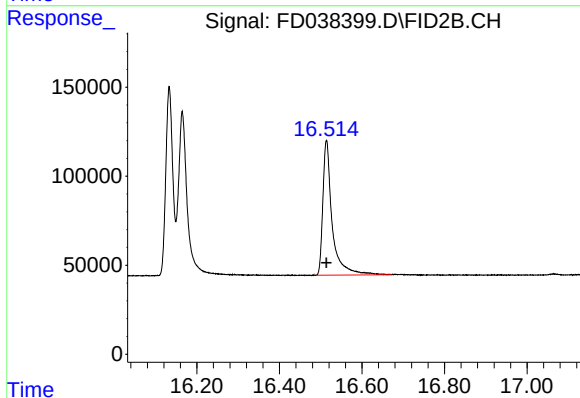
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.133 min  
Delta R.T.: -0.002 min  
Response: 1220002  
Conc: 9.76 ug/ml



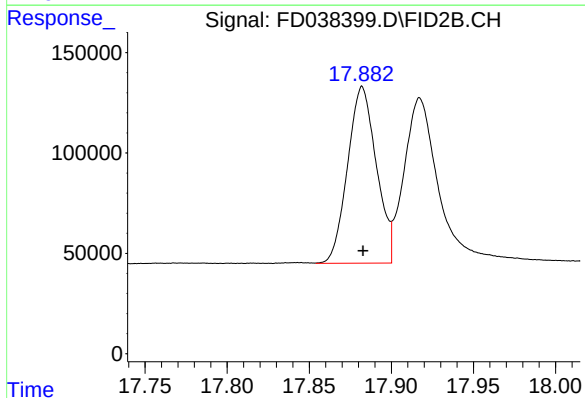
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.164 min  
Delta R.T.: -0.002 min  
Response: 1315865  
Conc: 9.98 ug/ml



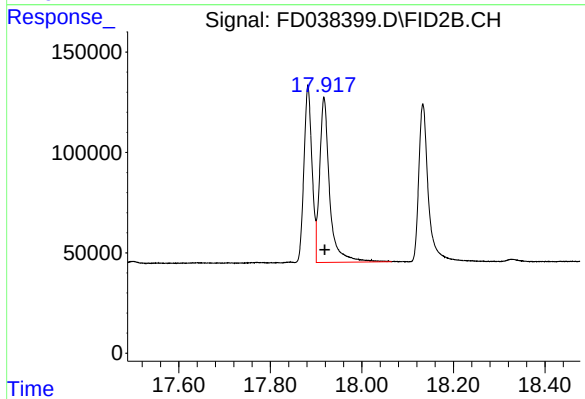
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.514 min  
Delta R.T.: 0.000 min  
Response: 1190136  
Conc: 9.96 ug/ml



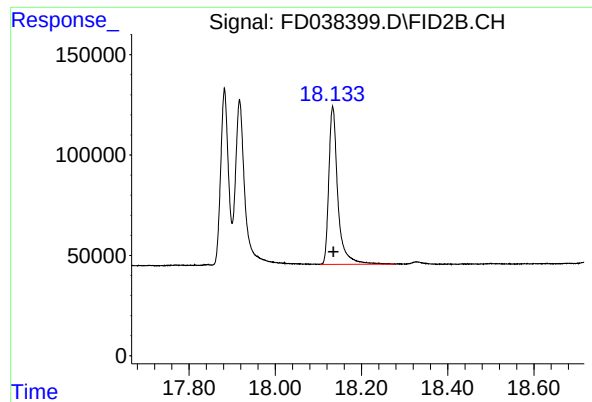
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min  
Delta R.T.: 0.000 min  
Response: 1070897  
Conc: 9.72 ug/ml



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

R.T.: 17.917 min  
Delta R.T.: -0.001 min  
Response: 1253526  
Conc: 10.18 ug/ml



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

R.T.: 18.133 min  
Delta R.T.: -0.001 min  
Response: 1142644  
Conc: 9.98 ug/ml