

Data Path : P:\HPCHEM1\FID D\Data\FD031118AR\  
 Data File : FD022466.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 Mar 2018 10:41  
 Operator : UA/AJ  
 Sample : PB107000BS  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 13 01:20:19 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 022018.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 21 04:46:02 2018  
 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...           | 7.330  | 1462545    | 17.458 ug/ml  |
| Spiked Amount 50.000                    |        | Recovery = | 34.92%        |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.189  | 913805     | 18.075 ug/mlm |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 36.15%        |
| 11) S ortho-Terphenyl (SURR)            | 11.210 | 1764797    | 18.596 ug/ml  |
| Spiked Amount 50.000                    |        | Recovery = | 37.19%        |
|                                         |        |            |               |
| Target Compounds                        |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...           | 4.137  | 1636845    | 18.535 ug/ml  |
| 2) T Naphthalene (C11.7)                | 5.669  | 1606035    | 17.954 ug/ml  |
| 3) T 2-Methylnaphthalene (...)          | 6.718  | 1573838    | 17.329 ug/ml  |
| 5) T Acenaphthylene (C15.06)            | 7.984  | 1697637    | 17.726 ug/ml  |
| 7) T Acenaphthene (C15.5)               | 8.275  | 1677609    | 16.377 ug/mlm |
| 8) T Fluorene (C16.55)                  | 9.059  | 1698977    | 18.120 ug/ml  |
| 9) T Phenanthrene (C19.36)              | 10.451 | 1753926    | 18.825 ug/ml  |
| 10) T Anthracene (C19.43)               | 10.529 | 1792119    | 18.899 ug/ml  |
| 12) T Fluoranthene (C21.85)             | 12.260 | 1885841    | 18.801 ug/ml  |
| 13) T Pyrene (C20.8)                    | 12.553 | 1872951    | 18.435 ug/ml  |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.432 | 1732960    | 17.971 ug/mlm |
| 15) T Chrysene (C27.41)                 | 14.473 | 1917962    | 17.770 ug/ml  |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 15.988 | 1792447    | 17.830 ug/mlm |
| 17) T Benzo[ <i>k</i> ]fluoranthene ... | 16.019 | 2001265    | 17.636 ug/ml  |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.371 | 1833193    | 17.444 ug/ml  |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.753 | 1052898    | 11.051 ug/mlm |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.779 | 2174709    | 19.137 ug/ml  |
| 21) T Benzo[ <i>a,h,i</i> ]perylene ... | 18.003 | 1395248    | 13.434 ug/ml  |
| -----                                   |        |            |               |

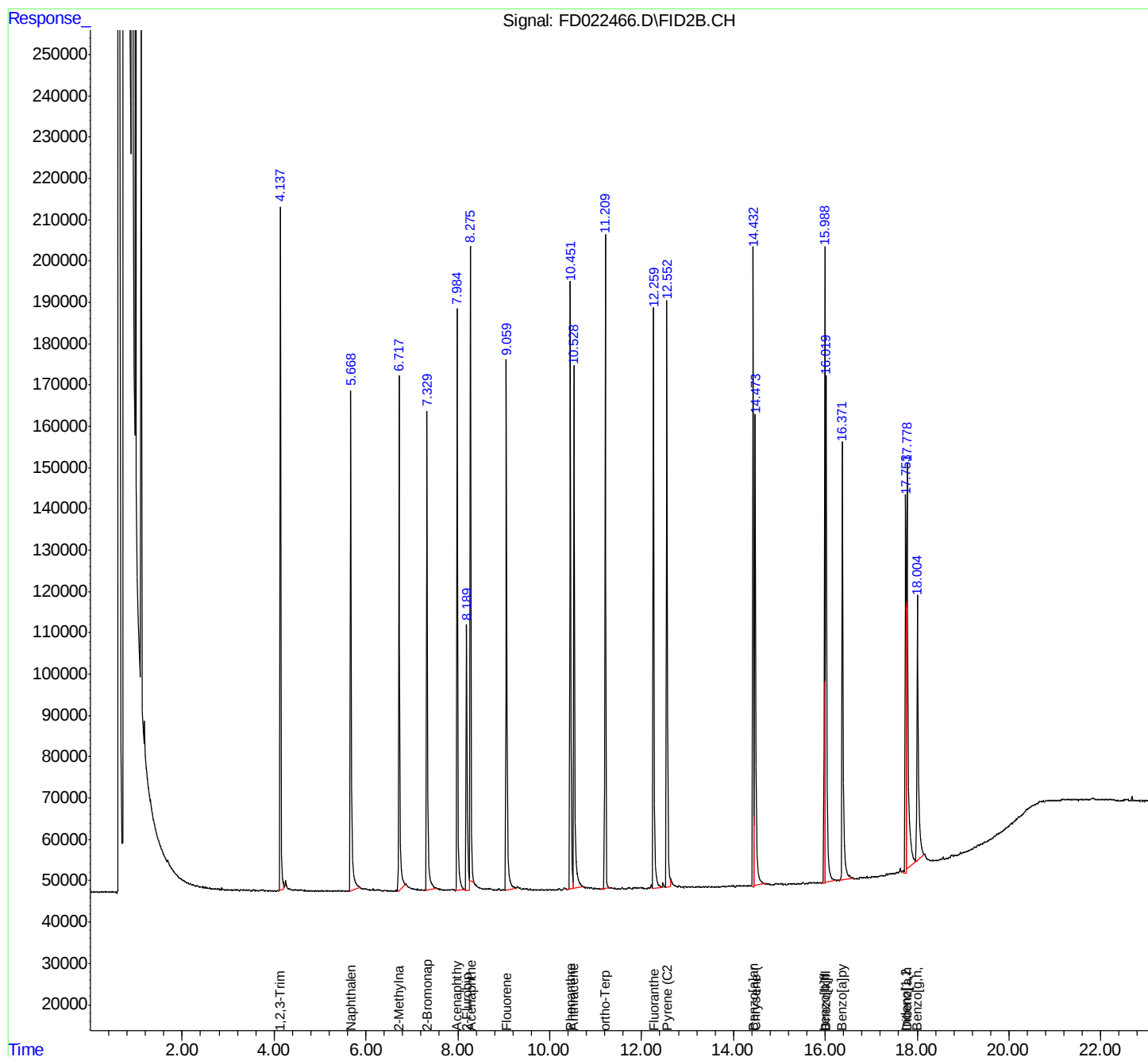
(f)=RT Delta > 1/2 Window

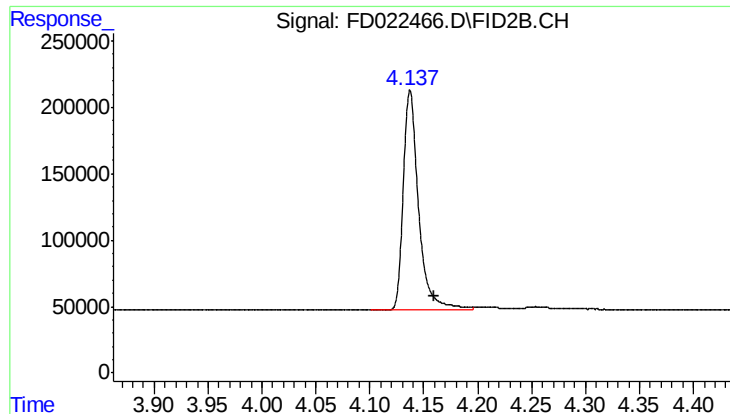
(m)=manual int.

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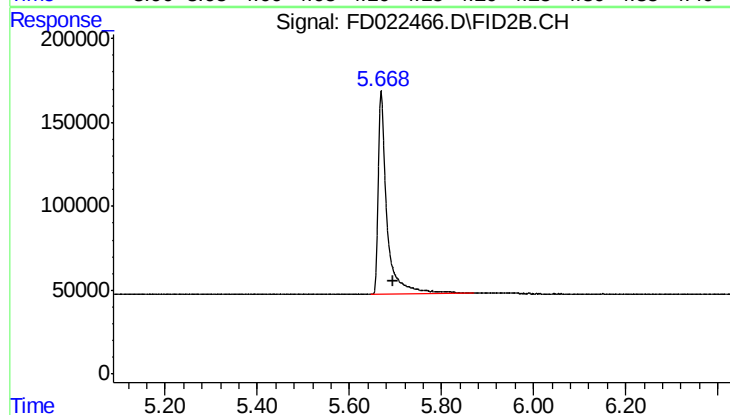
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





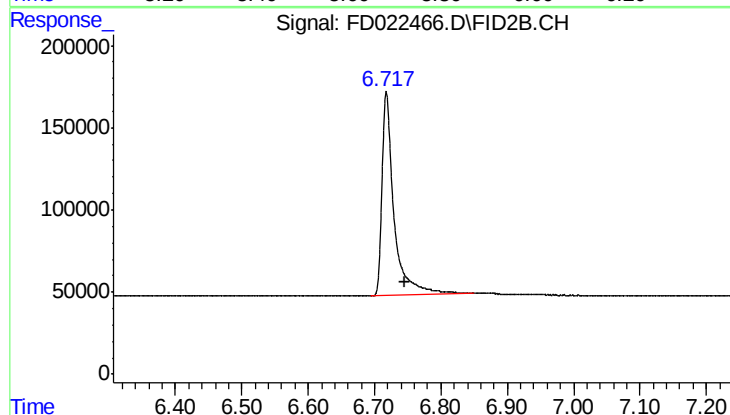
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.137 min  
Delta R.T.: -0.022 min  
Response: 1636845  
Conc: 18.54 ug/ml



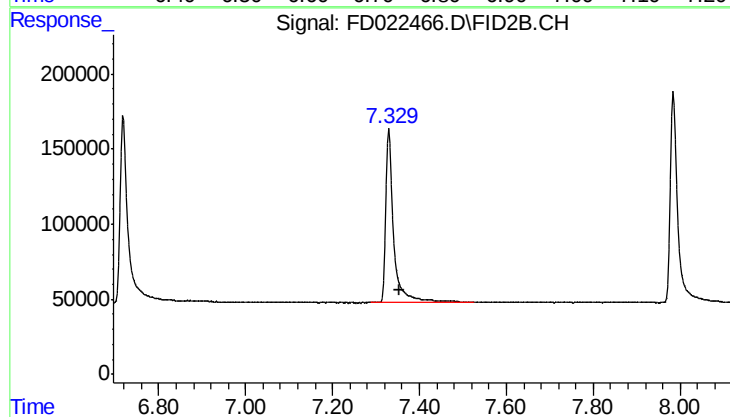
#2 Naphthalene (C11.7)

R.T.: 5.669 min  
Delta R.T.: -0.027 min  
Response: 1606035  
Conc: 17.95 ug/ml



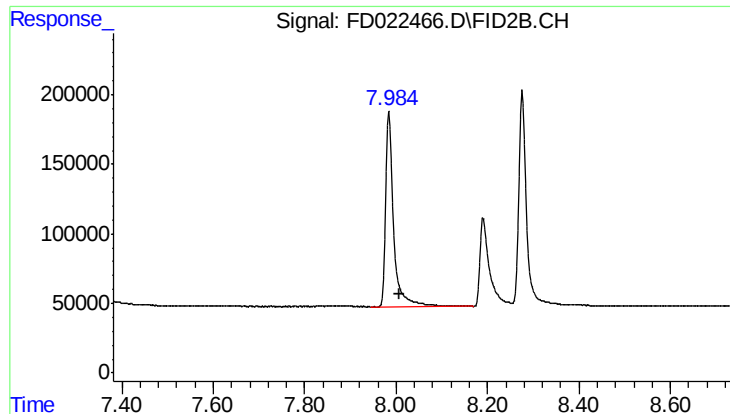
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min  
Delta R.T.: -0.027 min  
Response: 1573838  
Conc: 17.33 ug/ml



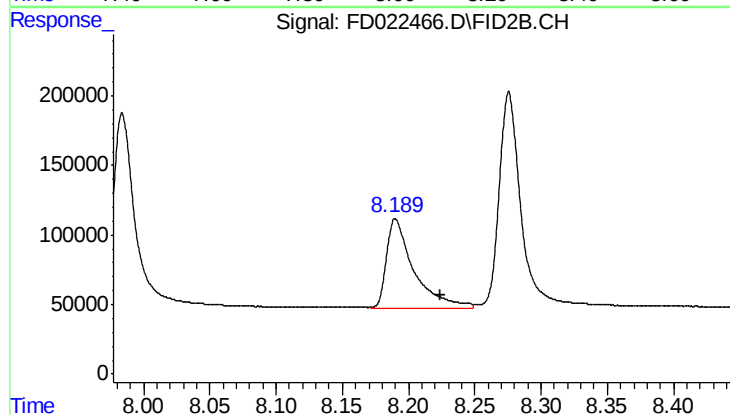
#4 2-Bromonaphthalene (SURR)

R.T.: 7.330 min  
Delta R.T.: -0.026 min  
Response: 1462545  
Conc: 17.46 ug/ml



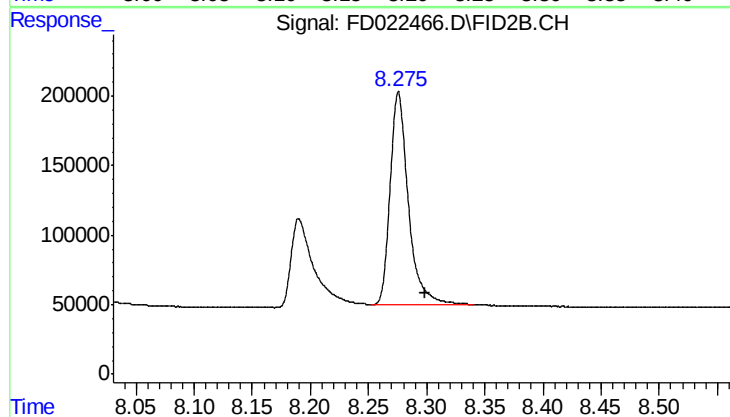
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min  
Delta R.T.: -0.025 min  
Response: 1697637  
Conc: 17.73 ug/ml



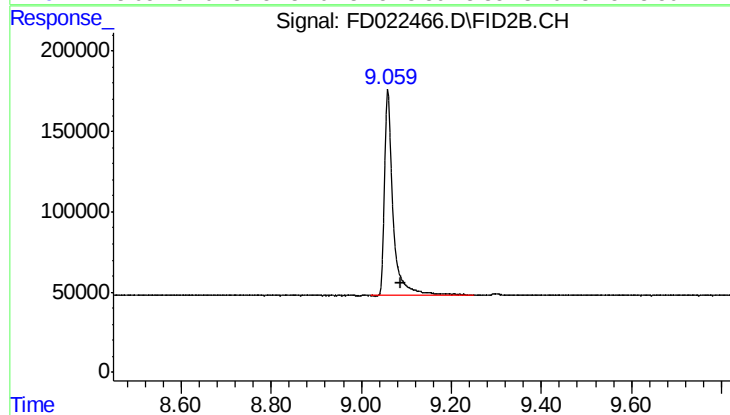
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.189 min  
Delta R.T.: -0.036 min  
Response: 913805  
Conc: 18.07 ug/ml m



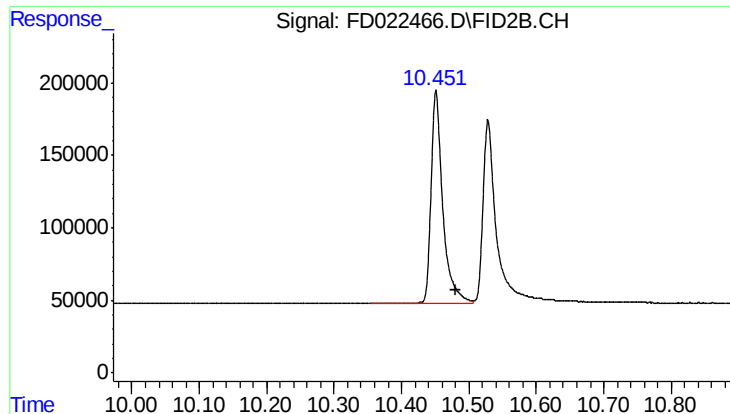
#7 Acenaphthene (C15.5)

R.T.: 8.275 min  
Delta R.T.: -0.023 min  
Response: 1677609  
Conc: 16.38 ug/ml m



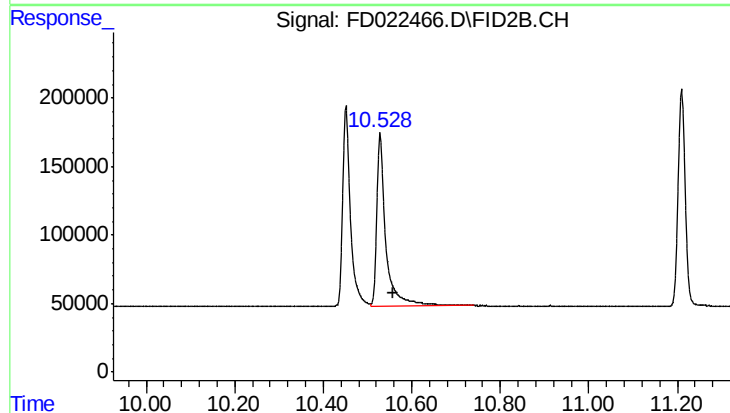
#8 Fluorene (C16.55)

R.T.: 9.059 min  
Delta R.T.: -0.027 min  
Response: 1698977  
Conc: 18.12 ug/ml



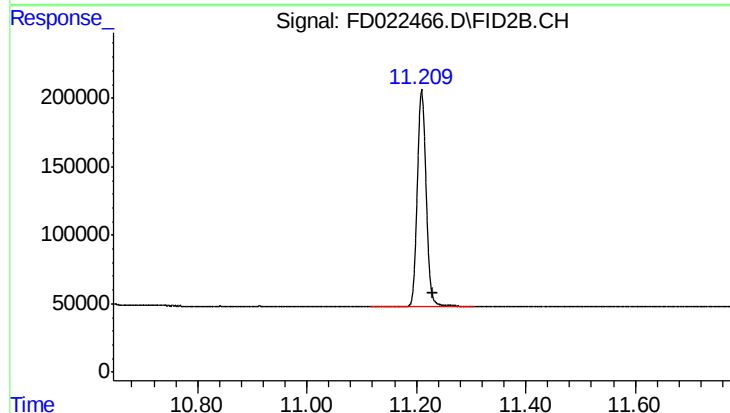
#9 Phenanthrene (C19.36)

R.T.: 10.451 min  
Delta R.T.: -0.029 min  
Response: 1753926  
Conc: 18.82 ug/ml



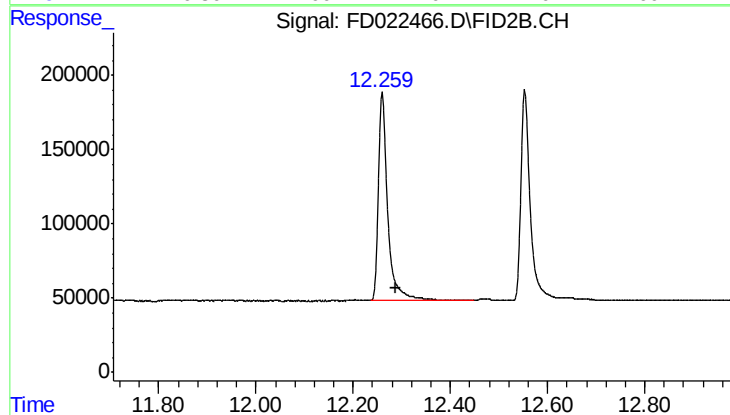
#10 Anthracene (C19.43)

R.T.: 10.529 min  
Delta R.T.: -0.031 min  
Response: 1792119  
Conc: 18.90 ug/ml



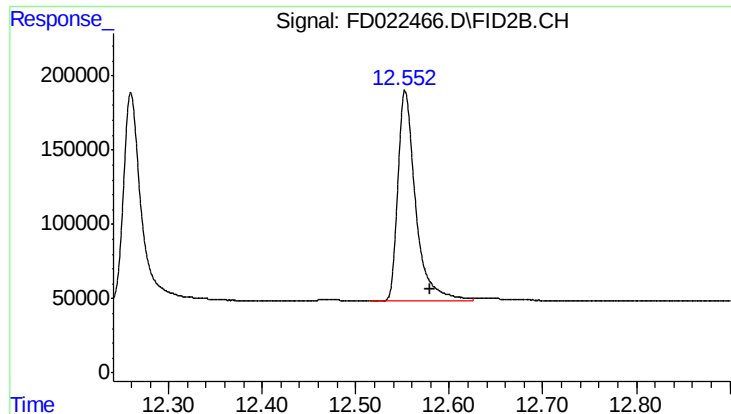
#11 ortho-Terphenyl (SURR)

R.T.: 11.210 min  
Delta R.T.: -0.021 min  
Response: 1764797  
Conc: 18.60 ug/ml



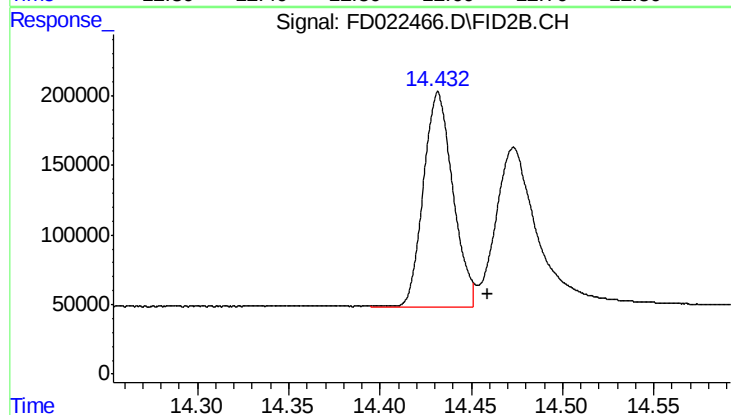
#12 Fluoranthene (C21.85)

R.T.: 12.260 min  
Delta R.T.: -0.028 min  
Response: 1885841  
Conc: 18.80 ug/ml



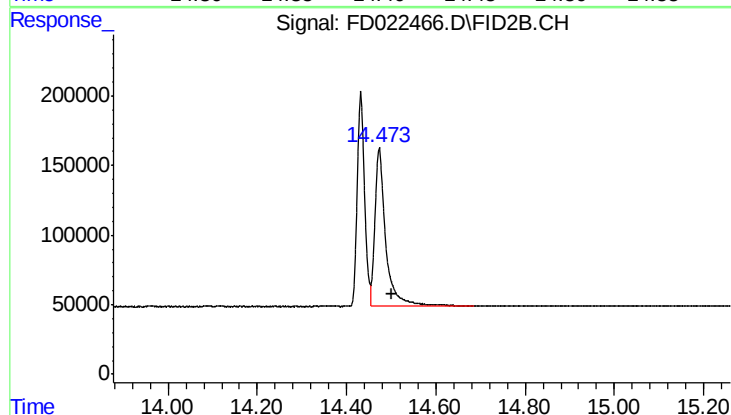
#13 Pyrene (C20.8)

R.T.: 12.553 min  
Delta R.T.: -0.027 min  
Response: 1872951  
Conc: 18.44 ug/ml



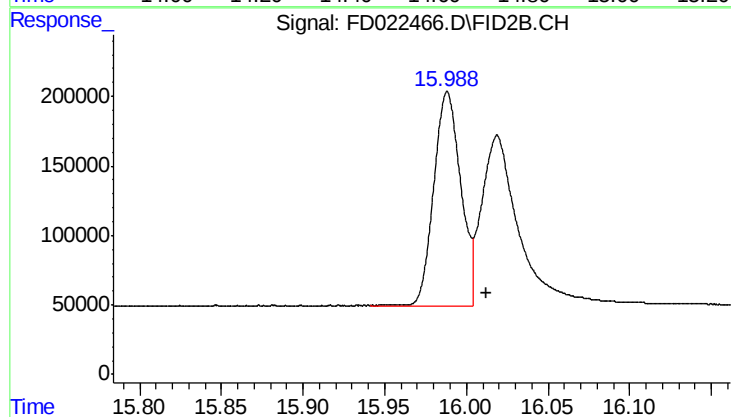
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min  
Delta R.T.: -0.028 min  
Response: 1732960  
Conc: 17.97 ug/ml m



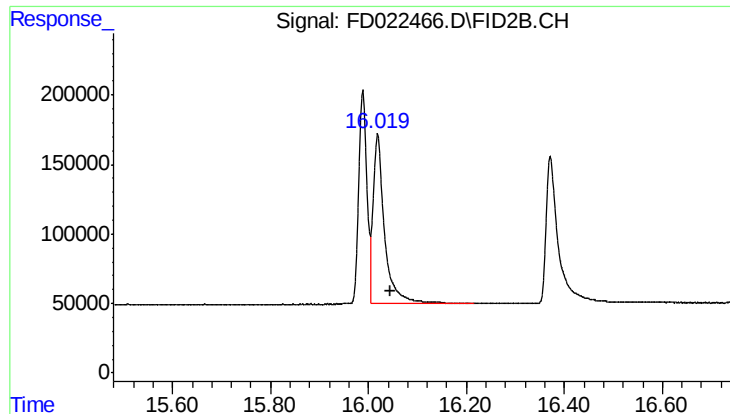
#15 Chrysene (C27.41)

R.T.: 14.473 min  
Delta R.T.: -0.027 min  
Response: 1917962  
Conc: 17.77 ug/ml



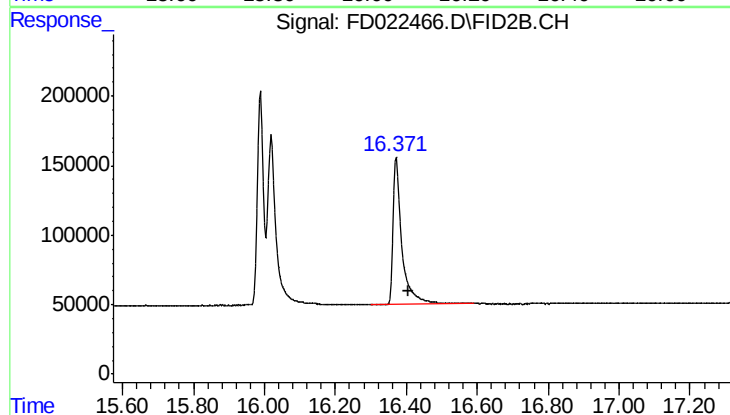
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.988 min  
Delta R.T.: -0.024 min  
Response: 1792447  
Conc: 17.83 ug/ml m



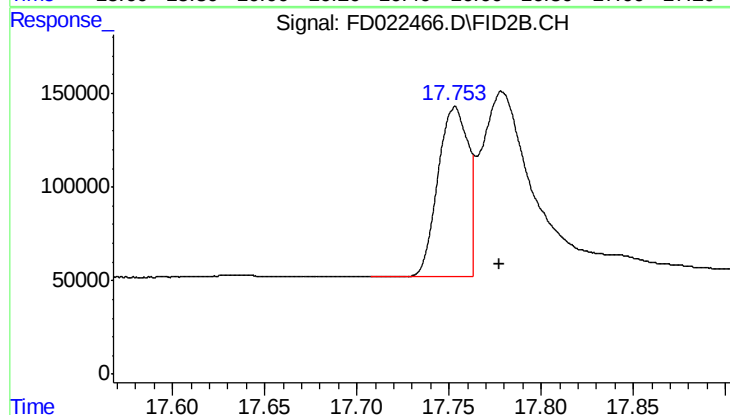
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.019 min  
Delta R.T.: -0.027 min  
Response: 2001265  
Conc: 17.64 ug/ml



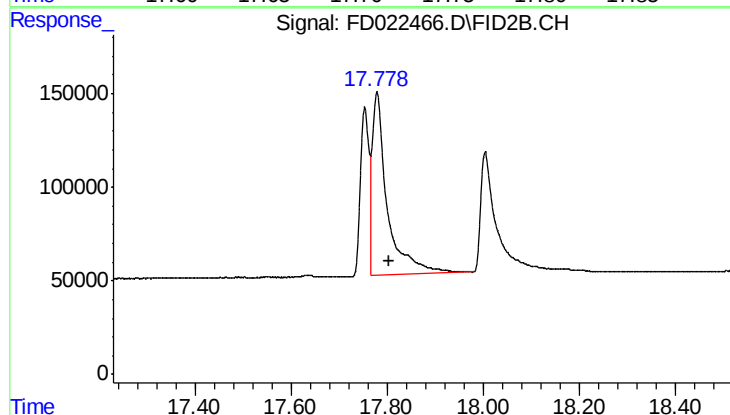
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min  
Delta R.T.: -0.033 min  
Response: 1833193  
Conc: 17.44 ug/ml



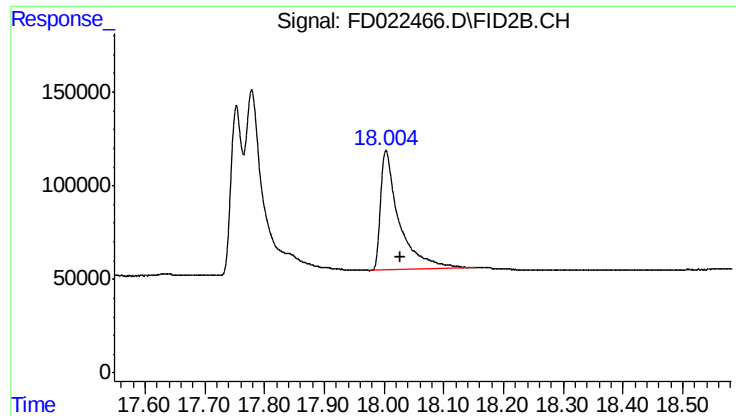
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min  
Delta R.T.: -0.024 min  
Response: 1052898  
Conc: 11.05 ug/ml m



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

R.T.: 17.779 min  
Delta R.T.: -0.026 min  
Response: 2174709  
Conc: 19.14 ug/ml



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

R.T.: 18.003 min  
Delta R.T.: -0.024 min  
Response: 1395248  
Conc: 13.43 ug/ml