

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101921AR\  
 Data File : FD039114.D  
 Signal(s) : FID2B.CH  
 Acq On : 19 Oct 2021 10:27  
 Operator : AJ\MA  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 19 11:42:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 092921.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 30 02:39:35 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...      | 7.758  | 2258873    | 17.307 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 34.61%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.627  | 1495390    | 16.801 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 33.60%       |
| 11) S ortho-Terphenyl (SURR)       | 11.670 | 2291097    | 16.674 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 33.35%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.549  | 2541674    | 18.160 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.095  | 2589326    | 17.548 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.149  | 2575829    | 17.289 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.429  | 2332784    | 17.024 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.725  | 2463729    | 17.074 ug/ml |
| 8) T Fluorene (C16.55)             | 9.507  | 2377349    | 16.745 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.907 | 2258354    | 16.282 ug/ml |
| 10) T Anthracene (C19.43)          | 10.982 | 2193802    | 16.046 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.723 | 2191943    | 15.944 ug/ml |
| 13) T Pyrene (C20.8)               | 13.021 | 2125207    | 15.858 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.893 | 1999119    | 16.434 ug/ml |
| 15) T Chrysene (C27.41)            | 14.935 | 2089147    | 16.441 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.443 | 2089181    | 17.652 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.475 | 2087409    | 17.747 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.823 | 2068306    | 18.071 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.188 | 2025000    | 18.614 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.225 | 2000148    | 18.821 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.443 | 2070843    | 19.125 ug/ml |
| -----                              |        |            |              |

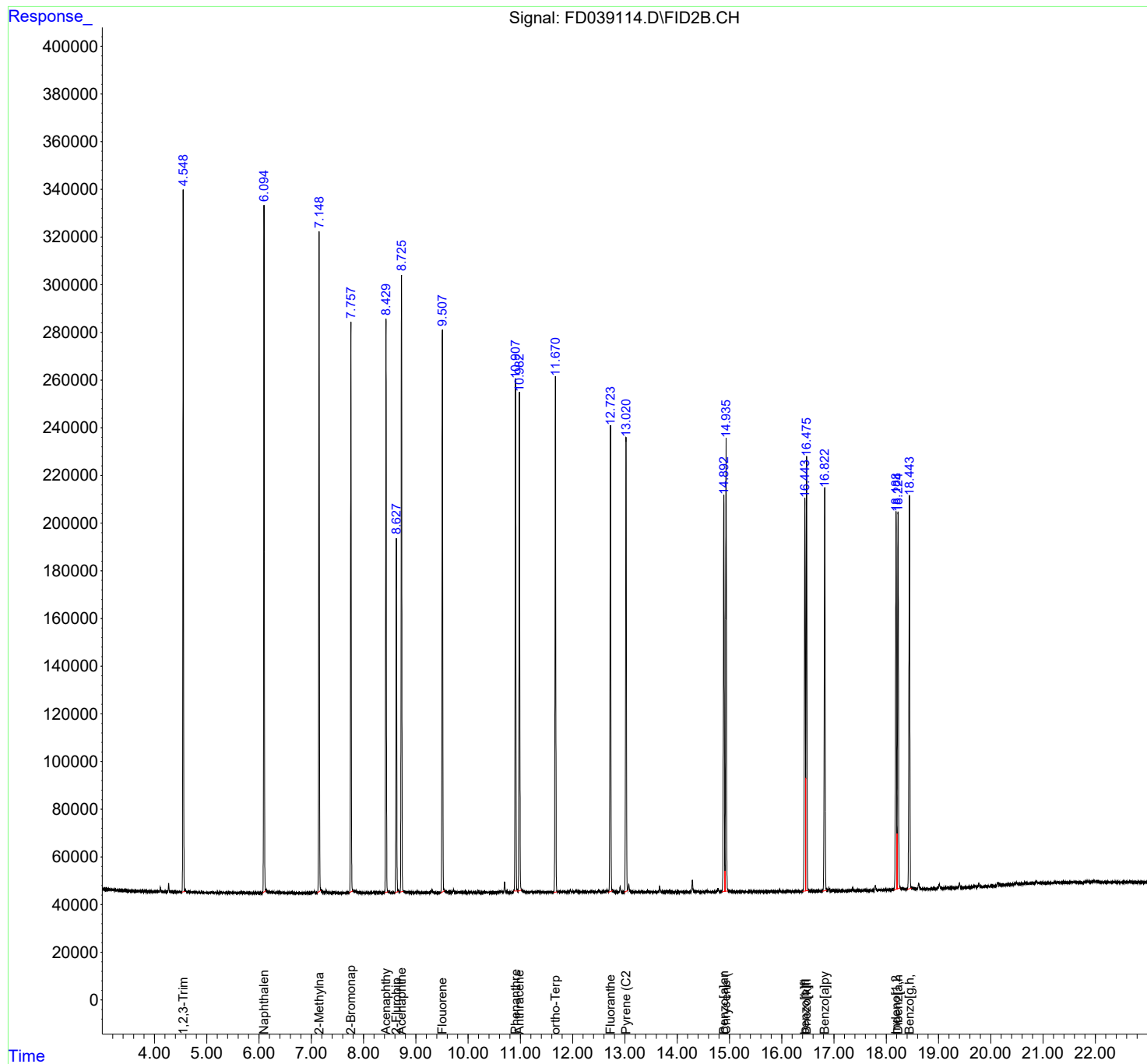
(f)=RT Delta > 1/2 Window

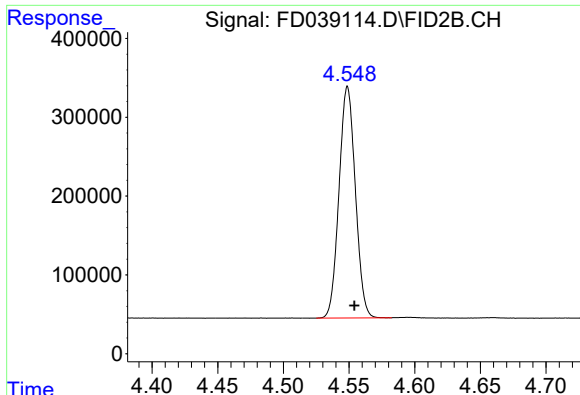
(m)=manual int.

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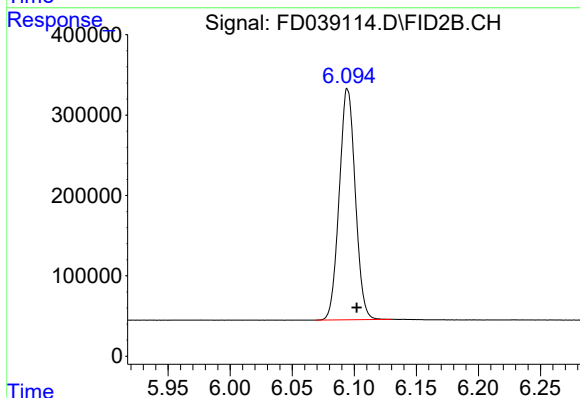
Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm





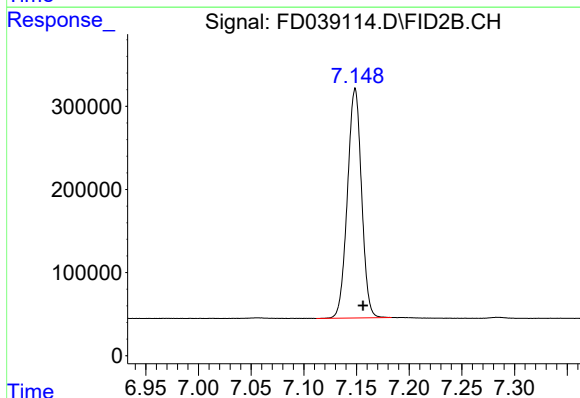
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.549 min  
Delta R.T.: -0.005 min  
Response: 2541674  
Conc: 18.16 ug/ml



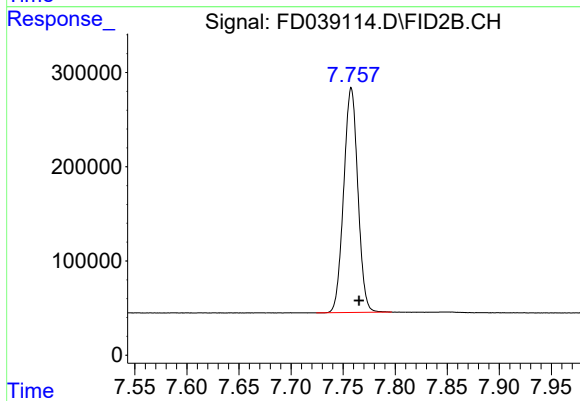
#2 Naphthalene (C11.7)

R.T.: 6.095 min  
Delta R.T.: -0.007 min  
Response: 2589326  
Conc: 17.55 ug/ml



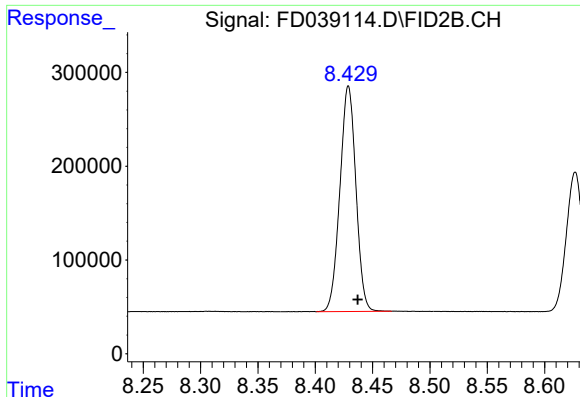
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.149 min  
Delta R.T.: -0.007 min  
Response: 2575829  
Conc: 17.29 ug/ml



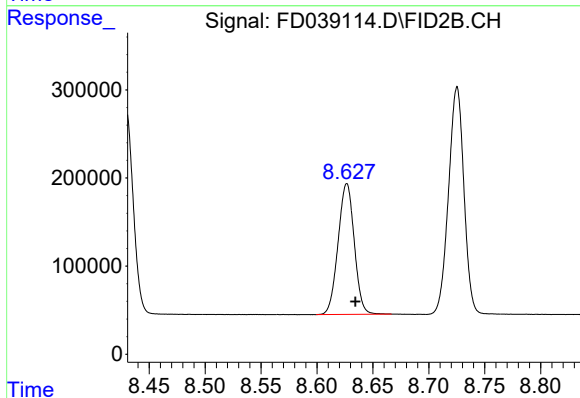
#4 2-Bromonaphthalene (SURR)

R.T.: 7.758 min  
Delta R.T.: -0.007 min  
Response: 2258873  
Conc: 17.31 ug/ml



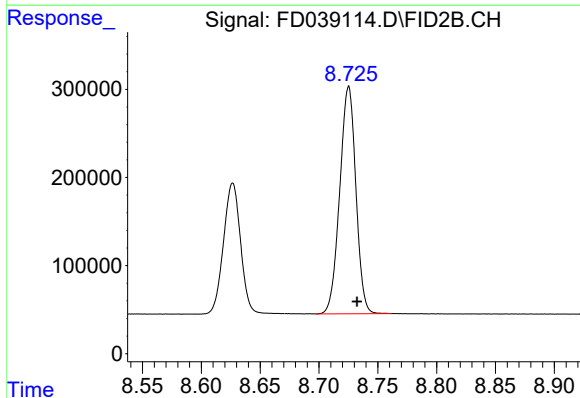
#5 Acenaphthylene (C15.06)

R.T.: 8.429 min  
Delta R.T.: -0.008 min  
Response: 2332784  
Conc: 17.02 ug/ml



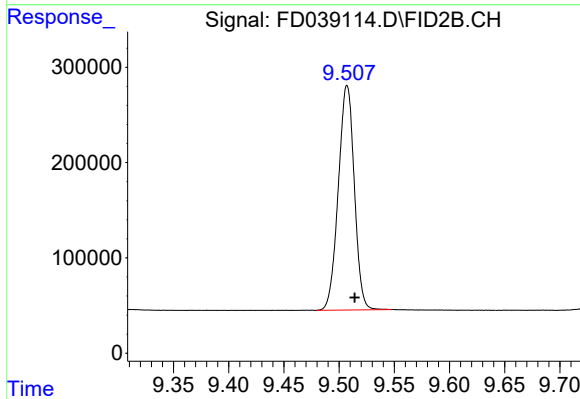
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.627 min  
Delta R.T.: -0.008 min  
Response: 1495390  
Conc: 16.80 ug/ml



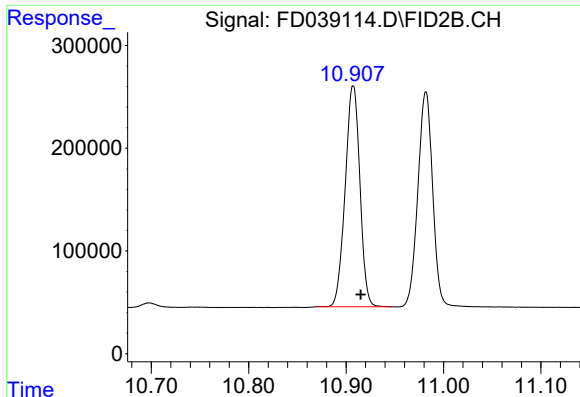
#7 Acenaphthene (C15.5)

R.T.: 8.725 min  
Delta R.T.: -0.007 min  
Response: 2463729  
Conc: 17.07 ug/ml



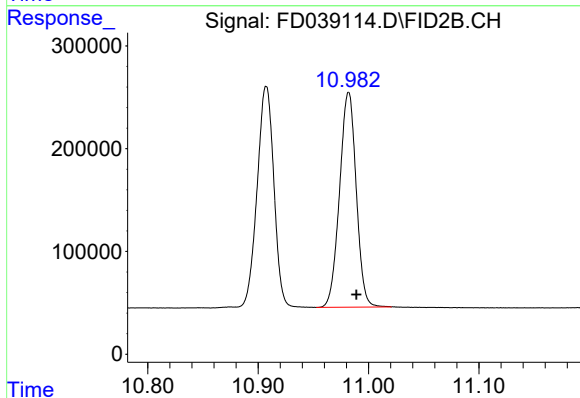
#8 Flouorene (C16.55)

R.T.: 9.507 min  
Delta R.T.: -0.007 min  
Response: 2377349  
Conc: 16.75 ug/ml



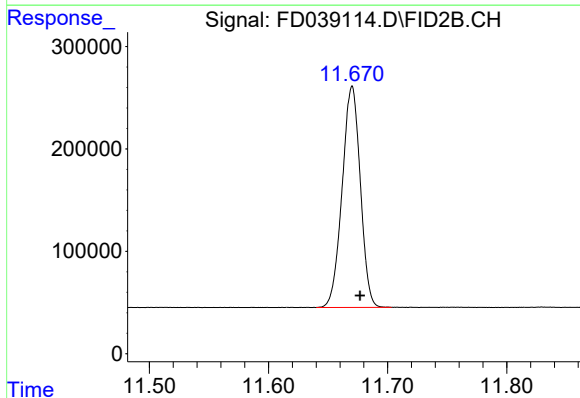
#9 Phenanthrene (C19.36)

R.T.: 10.907 min  
Delta R.T.: -0.008 min  
Response: 2258354  
Conc: 16.28 ug/ml



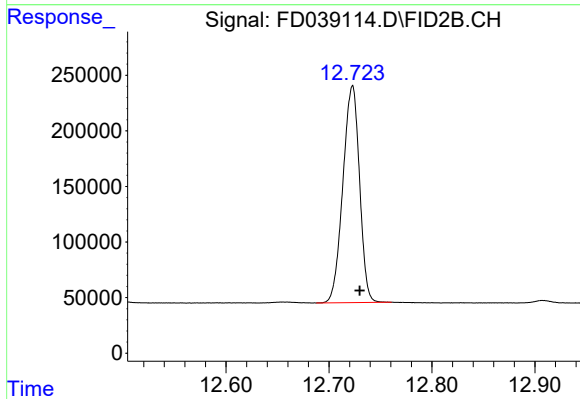
#10 Anthracene (C19.43)

R.T.: 10.982 min  
Delta R.T.: -0.007 min  
Response: 2193802  
Conc: 16.05 ug/ml



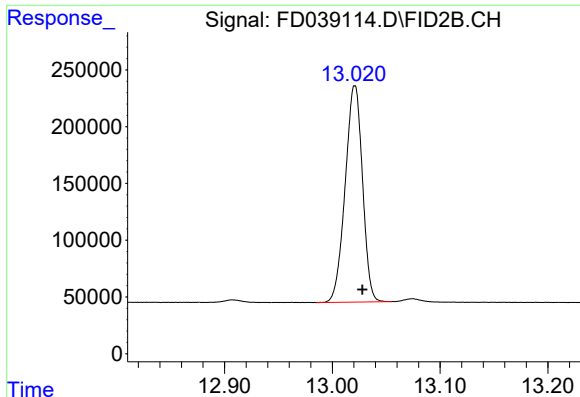
#11 ortho-Terphenyl (SURR)

R.T.: 11.670 min  
Delta R.T.: -0.006 min  
Response: 2291097  
Conc: 16.67 ug/ml



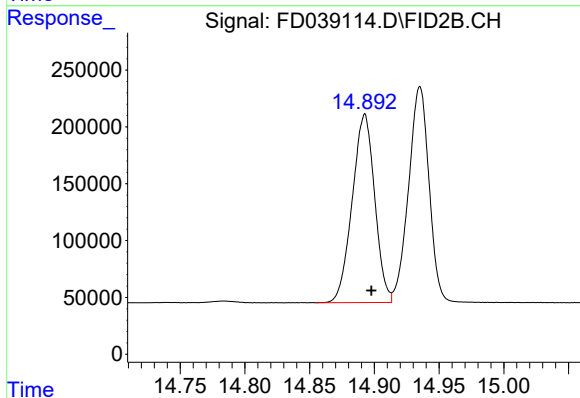
#12 Fluoranthene (C21.85)

R.T.: 12.723 min  
Delta R.T.: -0.007 min  
Response: 2191943  
Conc: 15.94 ug/ml



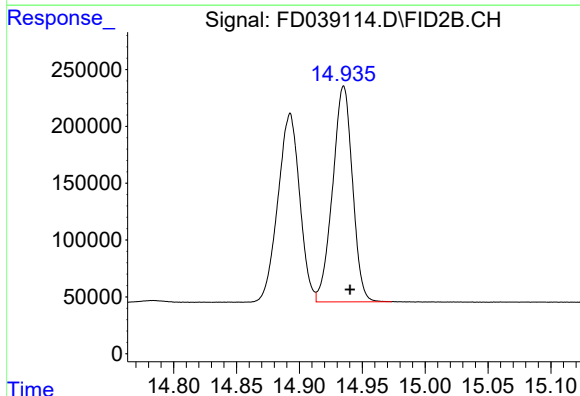
#13 Pyrene (C20.8)

R.T.: 13.021 min  
Delta R.T.: -0.007 min  
Response: 2125207  
Conc: 15.86 ug/ml



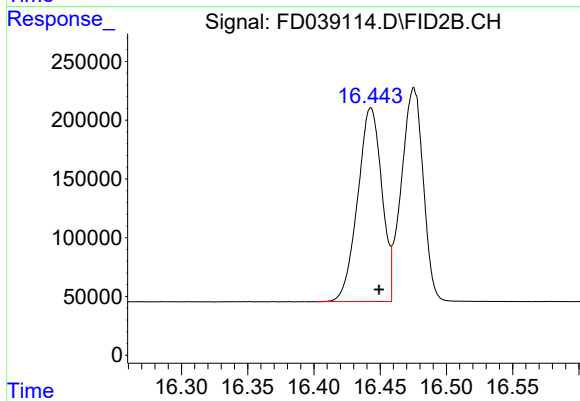
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.893 min  
Delta R.T.: -0.005 min  
Response: 1999119  
Conc: 16.43 ug/ml



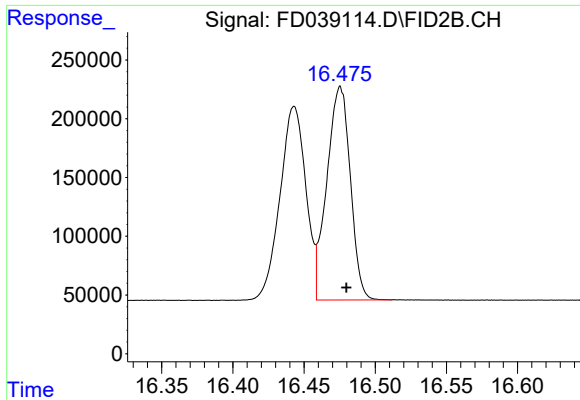
#15 Chrysene (C27.41)

R.T.: 14.935 min  
Delta R.T.: -0.005 min  
Response: 2089147  
Conc: 16.44 ug/ml



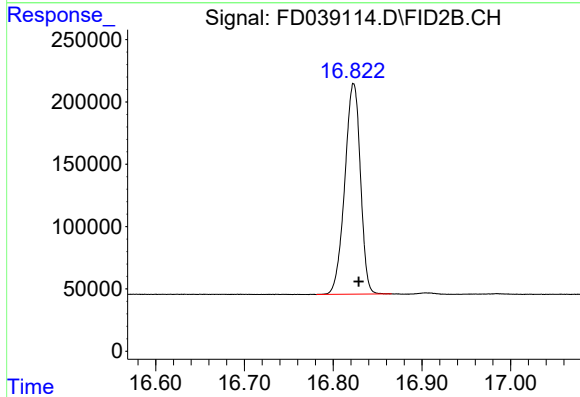
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.443 min  
Delta R.T.: -0.006 min  
Response: 2089181  
Conc: 17.65 ug/ml



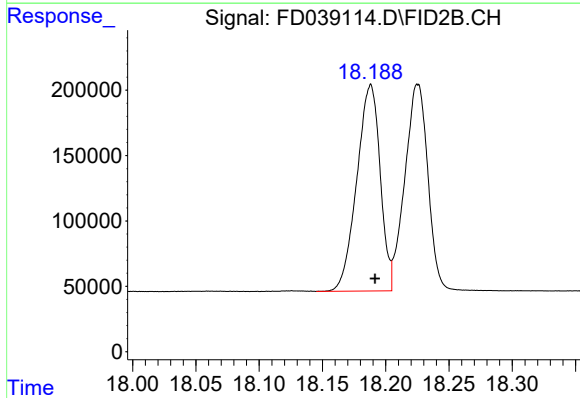
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.475 min  
Delta R.T.: -0.004 min  
Response: 2087409  
Conc: 17.75 ug/ml



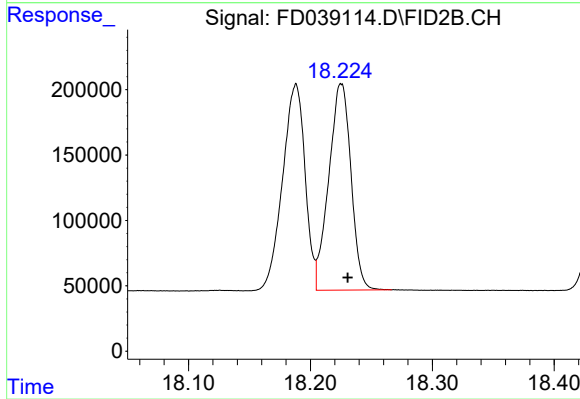
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.823 min  
Delta R.T.: -0.006 min  
Response: 2068306  
Conc: 18.07 ug/ml



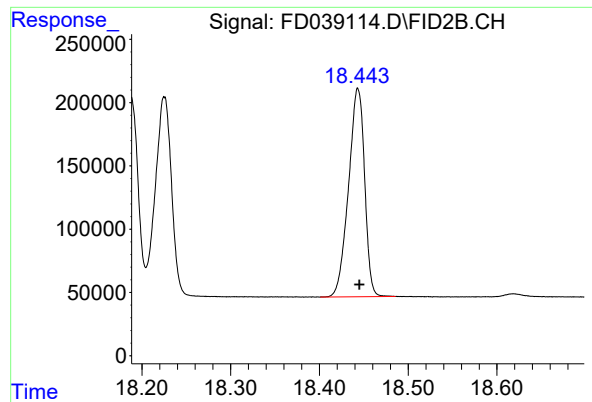
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.188 min  
Delta R.T.: -0.004 min  
Response: 2025000  
Conc: 18.61 ug/ml



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

R.T.: 18.225 min  
Delta R.T.: -0.005 min  
Response: 2000148  
Conc: 18.82 ug/ml



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

R.T.: 18.443 min  
Delta R.T.: -0.001 min  
Response: 2070843  
Conc: 19.12 ug/ml