

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD123021AR\  
 Data File : FD040302.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Dec 2021 15:48  
 Operator : AJ\MA  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Dec 30 16:13:36 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 123021.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 30 15:51:59 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...      | 6.814  | 575675     | 4.351 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 8.70%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 7.664  | 351820     | 4.102 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 8.20%       |
| 11) S ortho-Terphenyl (SURR)       | 10.697 | 636355     | 4.567 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 9.13%       |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 3.668  | 696300     | 4.638 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.165  | 672900     | 4.431 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.204  | 658599     | 4.353 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.468  | 600948     | 4.408 ug/ml |
| 7) T Acenaphthene (C15.5)          | 7.761  | 646512     | 4.445 ug/ml |
| 8) T Fluorene (C16.55)             | 8.537  | 593061     | 4.266 ug/ml |
| 9) T Phenanthrene (C19.36)         | 9.924  | 582343     | 4.289 ug/ml |
| 10) T Anthracene (C19.43)          | 9.997  | 534164     | 4.201 ug/ml |
| 12) T Fluoranthene (C21.85)        | 11.726 | 599453     | 4.471 ug/ml |
| 13) T Pyrene (C20.8)               | 12.019 | 583664     | 4.479 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 13.885 | 494082     | 4.172 ug/ml |
| 15) T Chrysene (C27.41)            | 13.926 | 547374     | 4.310 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.427 | 545480     | 4.381 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.459 | 559914     | 4.460 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 15.803 | 523593     | 4.299 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.160 | 482946     | 4.113 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.205 | 479230     | 4.147 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.410 | 536116     | 4.334 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

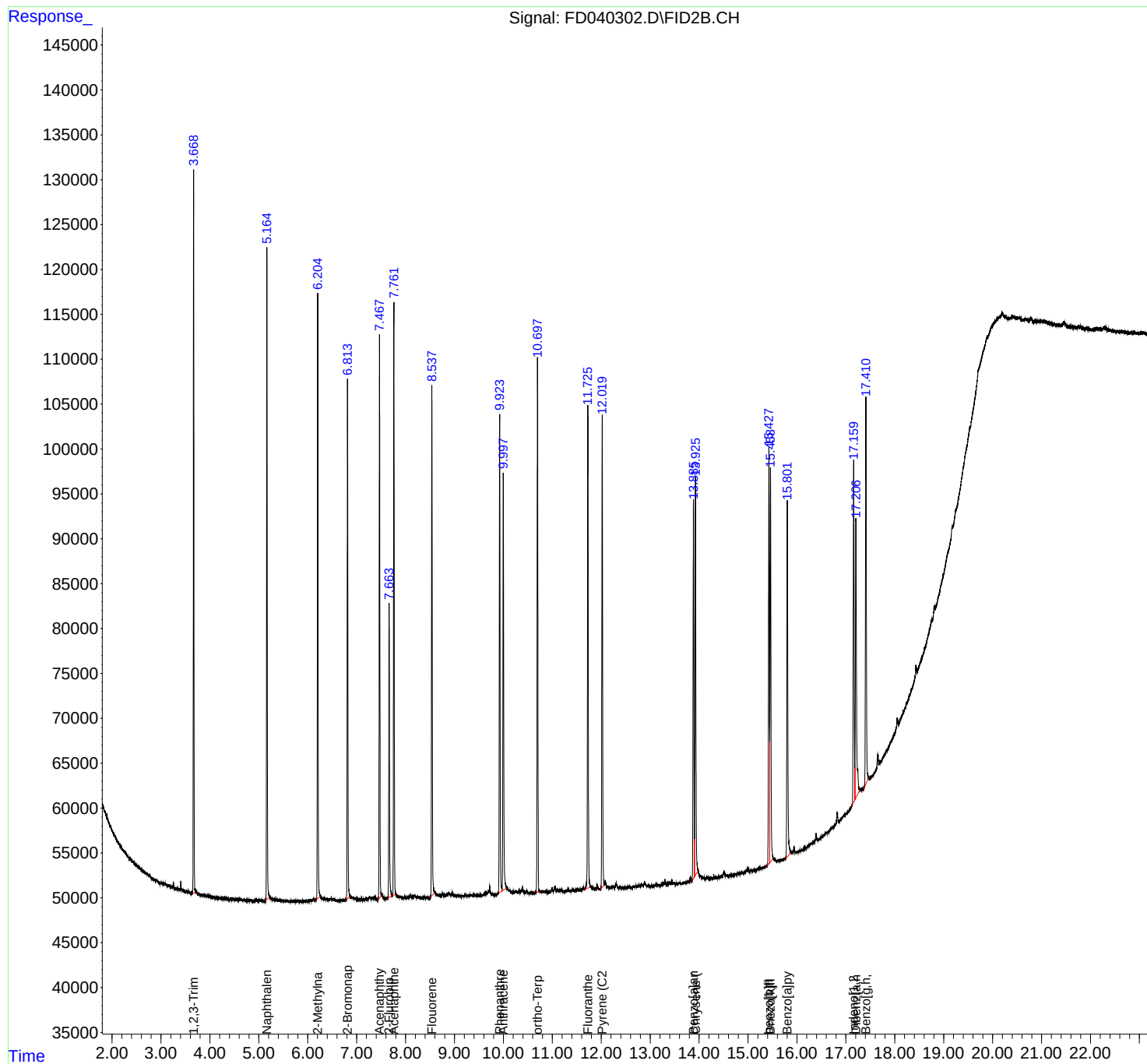
(m)=manual int.

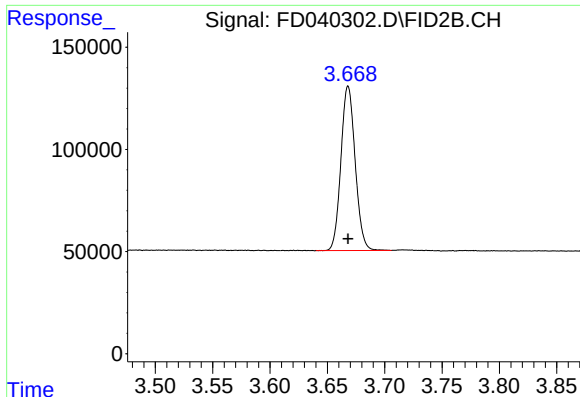
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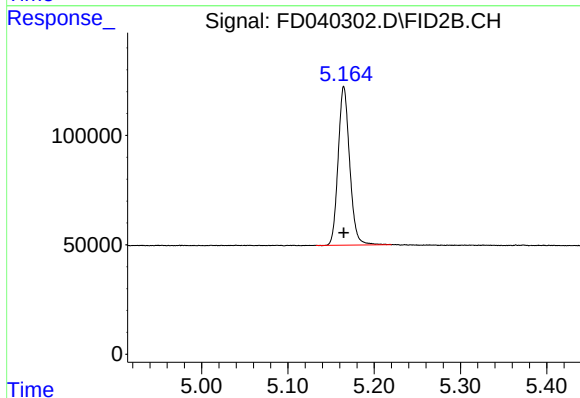




#1 1,2,3-Trimethylbenzene (C10.1)

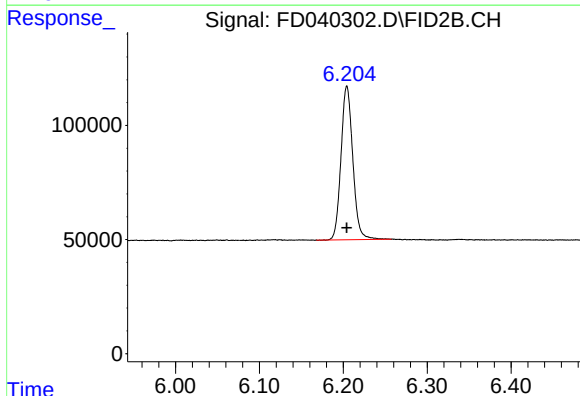
R.T.: 3.668 min  
Delta R.T.: 0.000 min  
Response: 696300  
Conc: 4.64 ug/ml

Instrument :  
FID\_D  
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5 PPM AROMATIC HC STD5



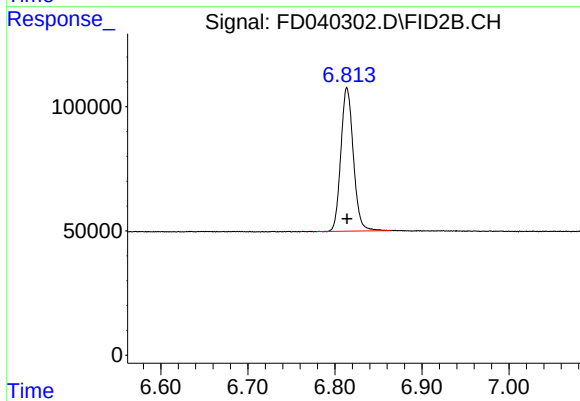
#2 Naphthalene (C11.7)

R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 672900  
Conc: 4.43 ug/ml



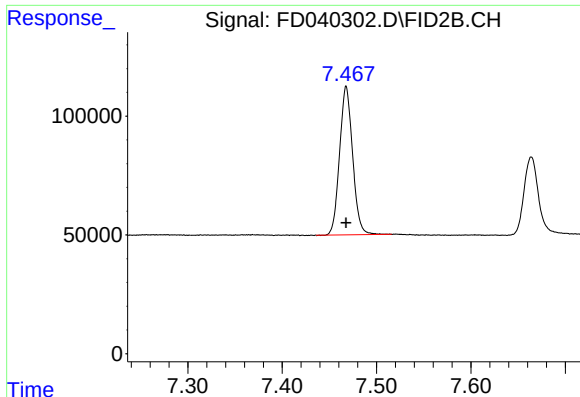
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 658599  
Conc: 4.35 ug/ml



#4 2-Bromonaphthalene (SURR)

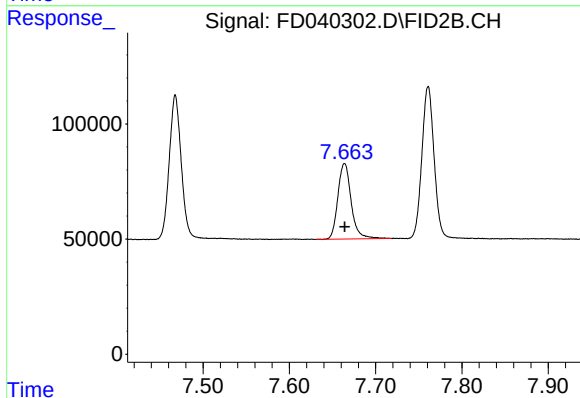
R.T.: 6.814 min  
Delta R.T.: 0.000 min  
Response: 575675  
Conc: 4.35 ug/ml



#5 Acenaphthylene (C15.06)

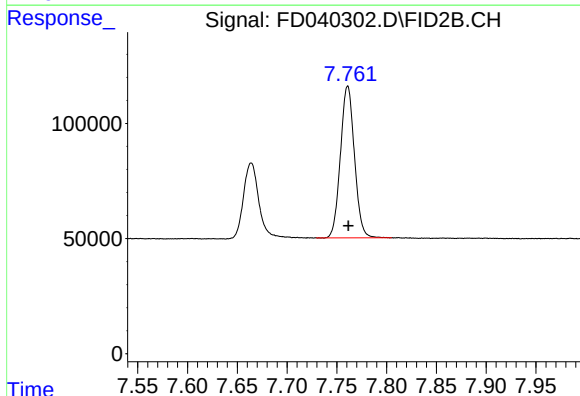
R.T.: 7.468 min  
Delta R.T.: 0.000 min  
Response: 600948  
Conc: 4.41 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM AROMATIC HC STD5



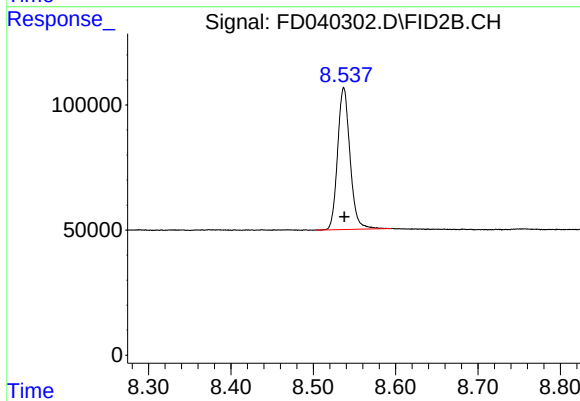
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.664 min  
Delta R.T.: 0.000 min  
Response: 351820  
Conc: 4.10 ug/ml



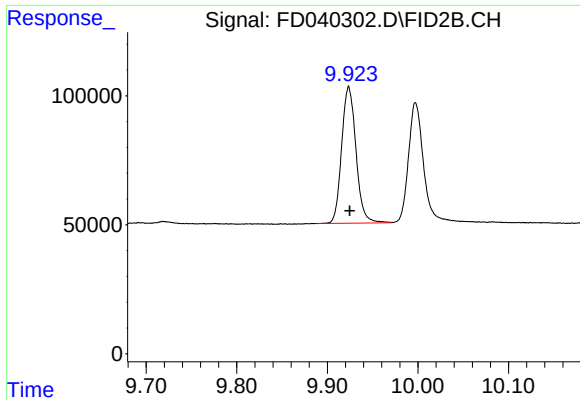
#7 Acenaphthene (C15.5)

R.T.: 7.761 min  
Delta R.T.: 0.000 min  
Response: 646512  
Conc: 4.45 ug/ml



#8 Flouorene (C16.55)

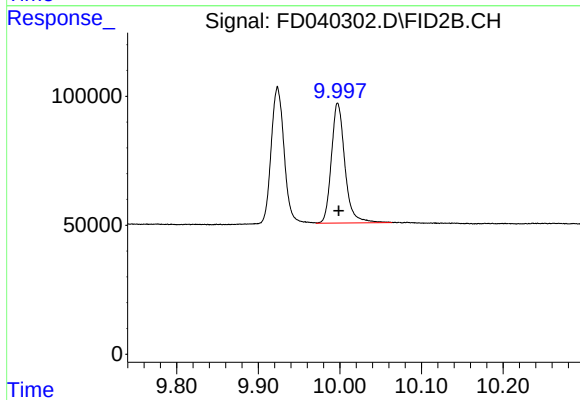
R.T.: 8.537 min  
Delta R.T.: 0.000 min  
Response: 593061  
Conc: 4.27 ug/ml



#9 Phenanthrene (C19.36)

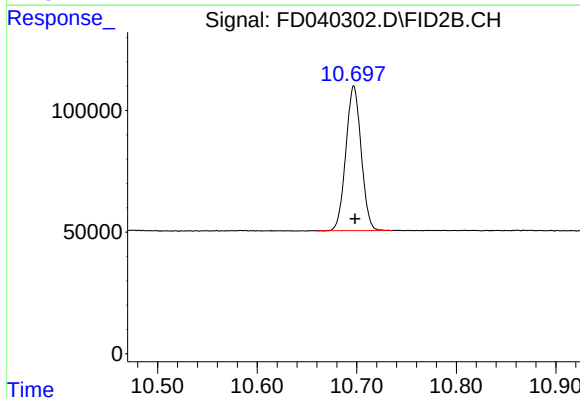
R.T.: 9.924 min  
Delta R.T.: -0.001 min  
Response: 582343  
Conc: 4.29 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM AROMATIC HC STD5



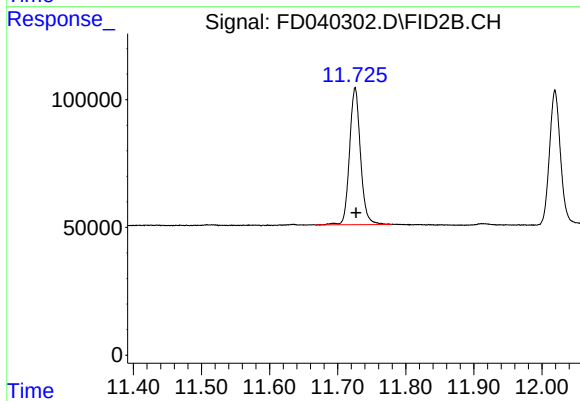
#10 Anthracene (C19.43)

R.T.: 9.997 min  
Delta R.T.: -0.001 min  
Response: 534164  
Conc: 4.20 ug/ml



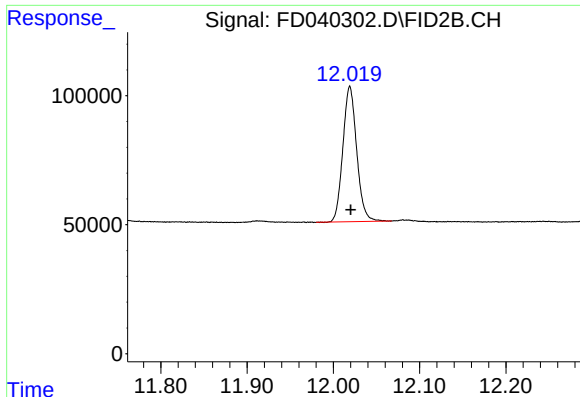
#11 ortho-Terphenyl (SURR)

R.T.: 10.697 min  
Delta R.T.: -0.001 min  
Response: 636355  
Conc: 4.57 ug/ml



#12 Fluoranthene (C21.85)

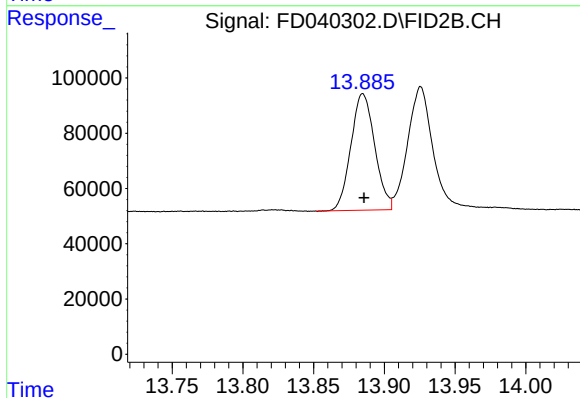
R.T.: 11.726 min  
Delta R.T.: -0.001 min  
Response: 599453  
Conc: 4.47 ug/ml



#13 Pyrene (C20.8)

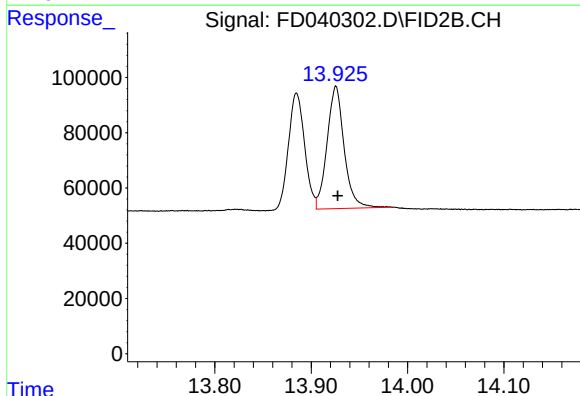
R.T.: 12.019 min  
Delta R.T.: -0.001 min  
Response: 583664  
Conc: 4.48 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM AROMATIC HC STD5



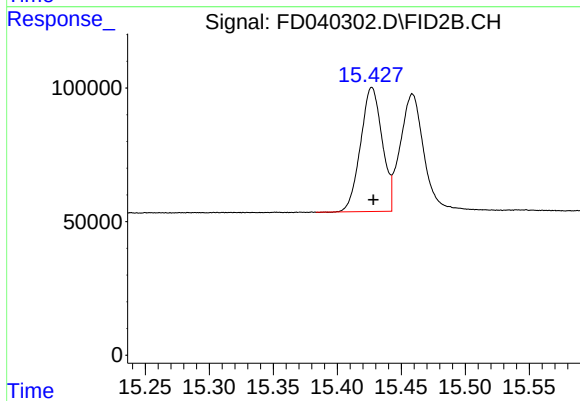
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.885 min  
Delta R.T.: 0.000 min  
Response: 494082  
Conc: 4.17 ug/ml



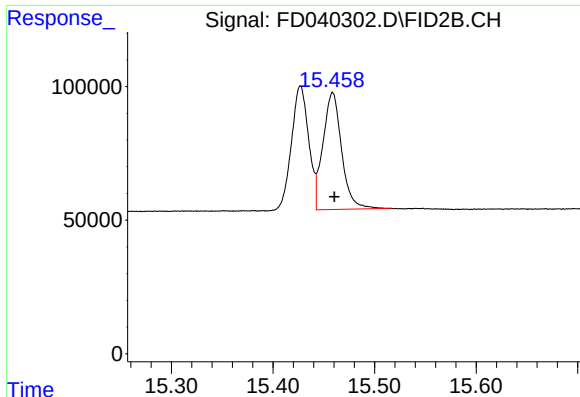
#15 Chrysene (C27.41)

R.T.: 13.926 min  
Delta R.T.: -0.002 min  
Response: 547374  
Conc: 4.31 ug/ml



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

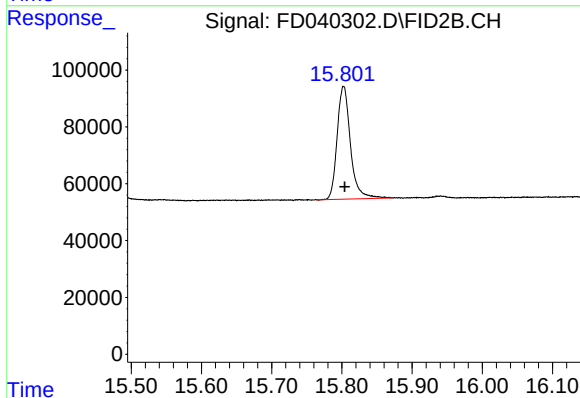
R.T.: 15.427 min  
Delta R.T.: -0.001 min  
Response: 545480  
Conc: 4.38 ug/ml



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

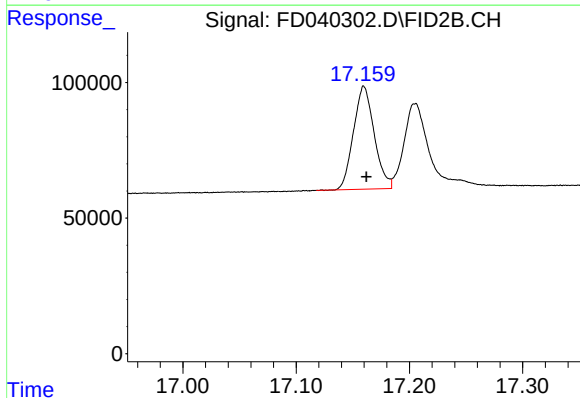
R.T.: 15.459 min  
Delta R.T.: -0.002 min  
Response: 559914  
Conc: 4.46 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM AROMATIC HC STD5



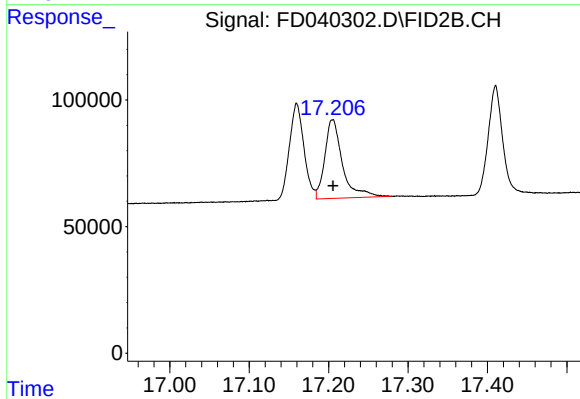
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.803 min  
Delta R.T.: -0.001 min  
Response: 523593  
Conc: 4.30 ug/ml



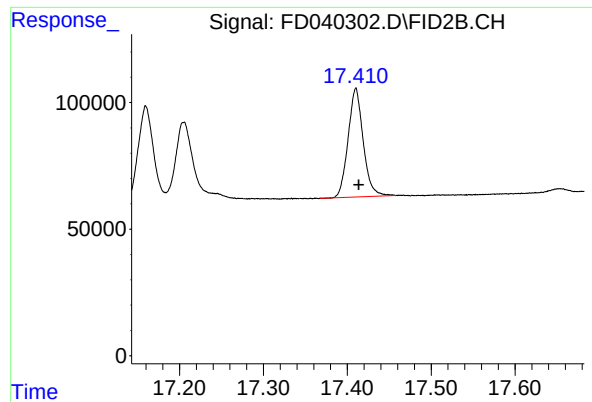
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.160 min  
Delta R.T.: -0.002 min  
Response: 482946  
Conc: 4.11 ug/ml



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

R.T.: 17.205 min  
Delta R.T.: 0.000 min  
Response: 479230  
Conc: 4.15 ug/ml



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

R.T.: 17.410 min  
Delta R.T.: -0.003 min  
Response: 536116  
Conc: 4.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM AROMATIC HC STD5