

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031419AR\  
 Data File : FD028312.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Mar 2019 20:25  
 Operator : AJ\SJ  
 Sample : K1869-01MSD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 SP-1MSD

Integration File: autoint1.e  
 Quant Time: Mar 15 04:13:26 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 022819.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 01 04:06:35 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...      | 7.311  | 3136089    | 29.713 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 59.43%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.158  | 2175799    | 30.867 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 61.73%       |
| 11) S ortho-Terphenyl (SURR)       | 11.197 | 3412616    | 29.766 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 59.53%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.125  | 2479879    | 23.431 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.649  | 2916435    | 24.847 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.697  | 3069804    | 25.951 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.962  | 3203299    | 27.781 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.257  | 3379707    | 27.820 ug/ml |
| 8) T Flouorene (C16.55)            | 9.035  | 3458732    | 28.745 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.422 | 3741100    | 33.481 ug/ml |
| 10) T Anthracene (C19.43)          | 10.497 | 3746058    | 33.838 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.224 | 4692352    | 43.244 ug/ml |
| 13) T Pyrene (C20.8)               | 12.517 | 3898280    | 37.148 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.384 | 3836666    | 37.910 ug/ml |
| 15) T Chrysene (C27.41)            | 14.426 | 3963810    | 38.443 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.928 | 3909384    | 37.093 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.961 | 3870018    | 35.937 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.302 | 3651908    | 34.121 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.663 | 3656106    | 35.726 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.704 | 3921544    | 38.919 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.914 | 3710484    | 34.339 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

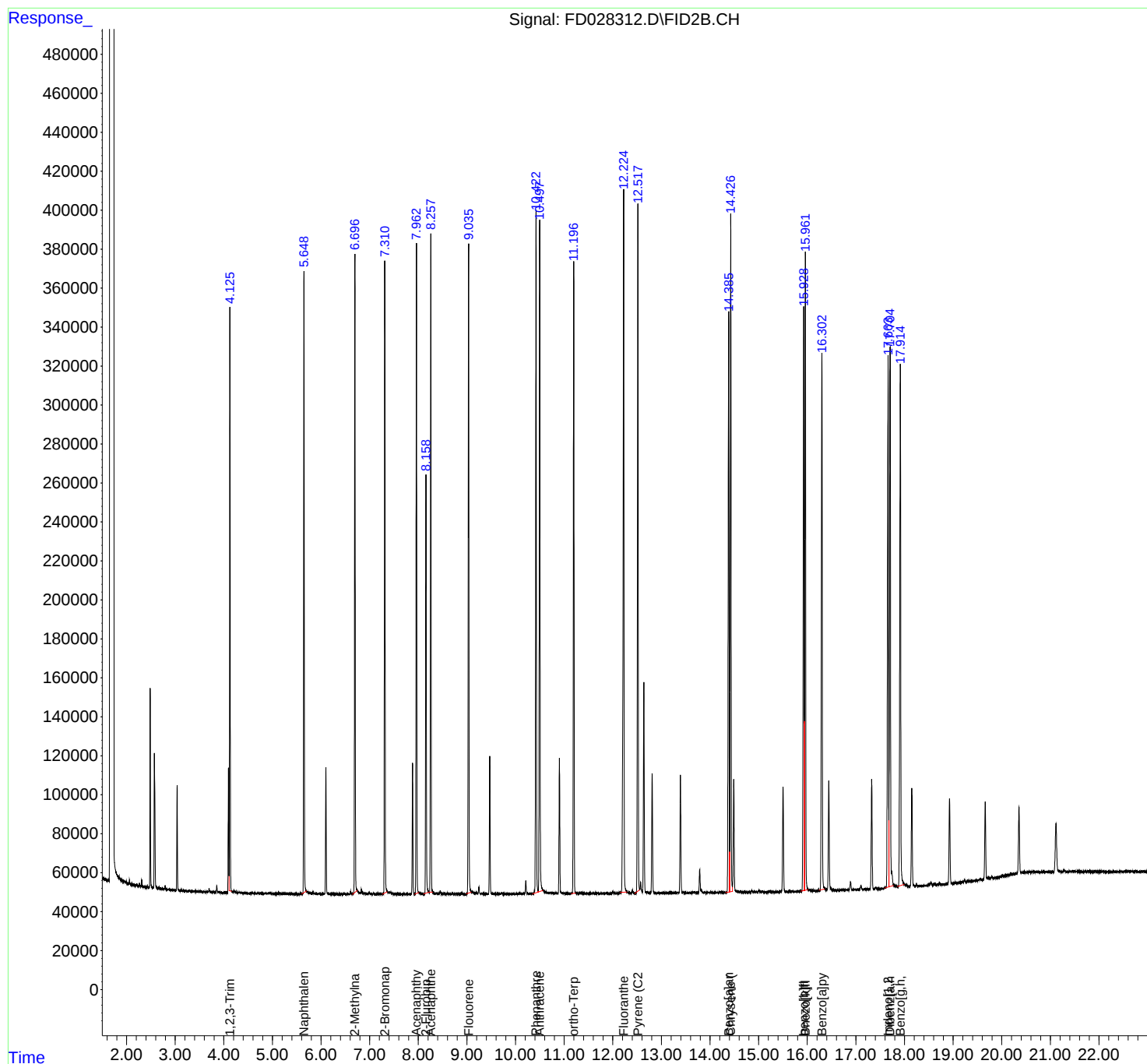
(m)=manual int.

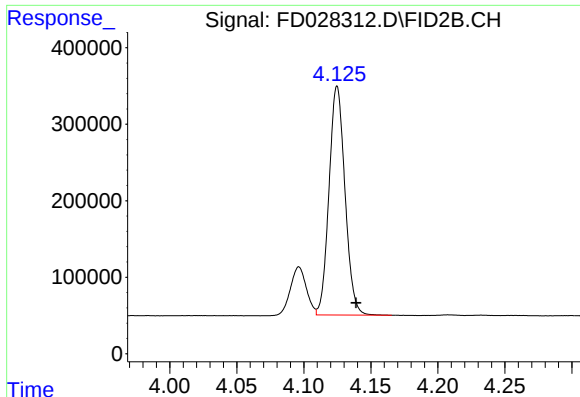
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031419AR\  
Data File : FD028312.D  
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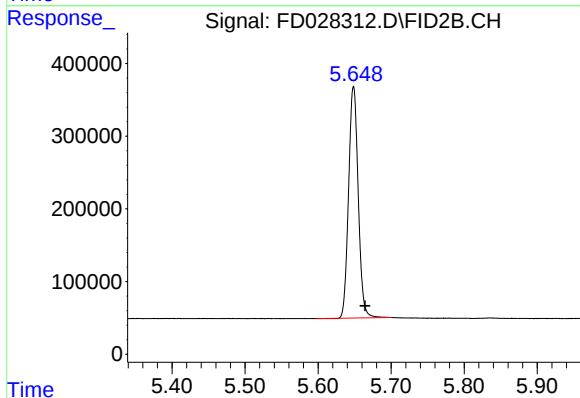




#1 1,2,3-Trimethylbenzene (C10.1)

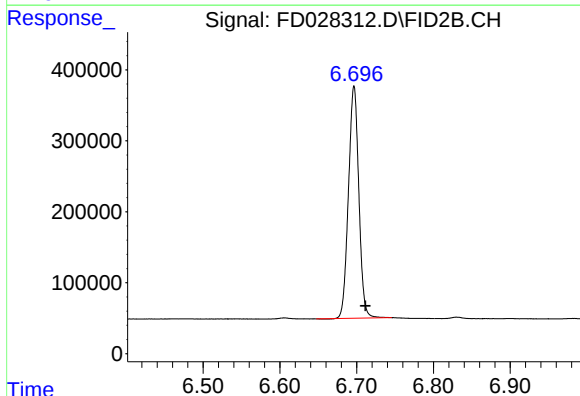
R.T.: 4.125 min  
Delta R.T.: -0.014 min  
Response: 2479879  
Conc: 23.43 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
SP-1MSD



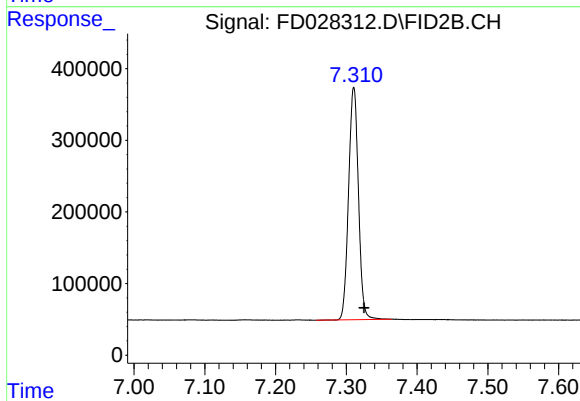
#2 Naphthalene (C11.7)

R.T.: 5.649 min  
Delta R.T.: -0.016 min  
Response: 2916435  
Conc: 24.85 ug/ml



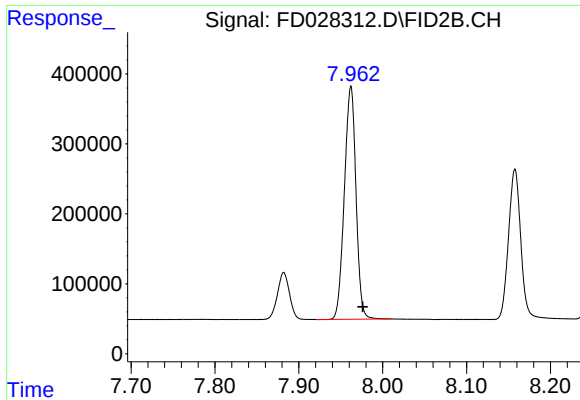
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.697 min  
Delta R.T.: -0.015 min  
Response: 3069804  
Conc: 25.95 ug/ml



#4 2-Bromonaphthalene (SURR)

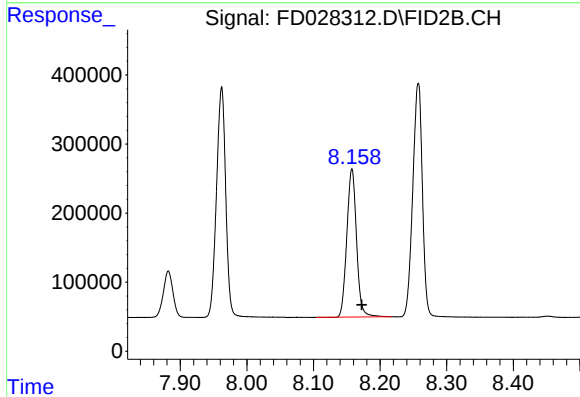
R.T.: 7.311 min  
Delta R.T.: -0.015 min  
Response: 3136089  
Conc: 29.71 ug/ml



#5 Acenaphthylene (C15.06)

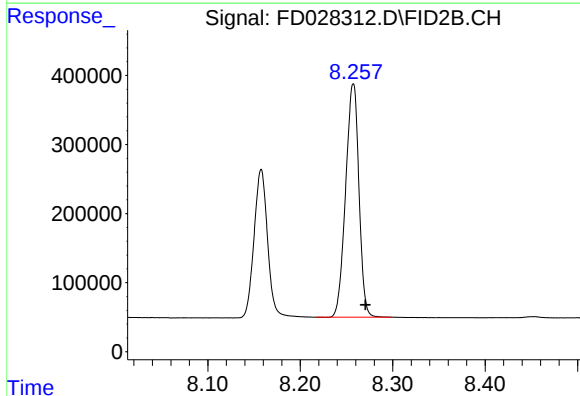
R.T.: 7.962 min  
Delta R.T.: -0.014 min  
Response: 3203299  
Conc: 27.78 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
SP-1MSD



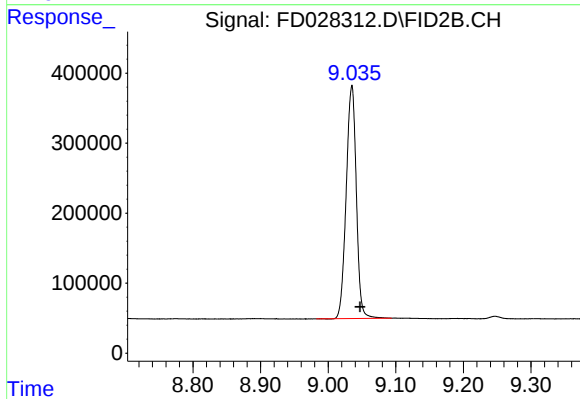
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.158 min  
Delta R.T.: -0.015 min  
Response: 2175799  
Conc: 30.87 ug/ml



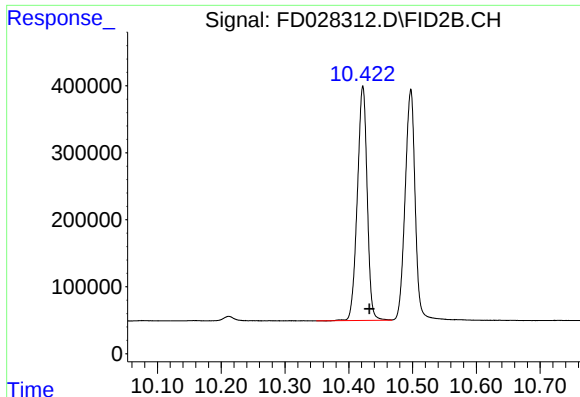
#7 Acenaphthene (C15.5)

R.T.: 8.257 min  
Delta R.T.: -0.013 min  
Response: 3379707  
Conc: 27.82 ug/ml



#8 Flouorene (C16.55)

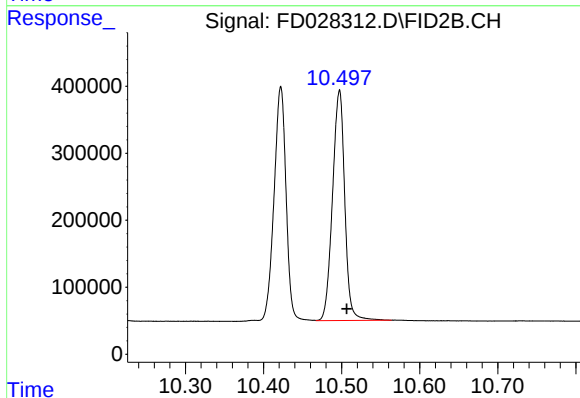
R.T.: 9.035 min  
Delta R.T.: -0.012 min  
Response: 3458732  
Conc: 28.75 ug/ml



#9 Phenanthrene (C19.36)

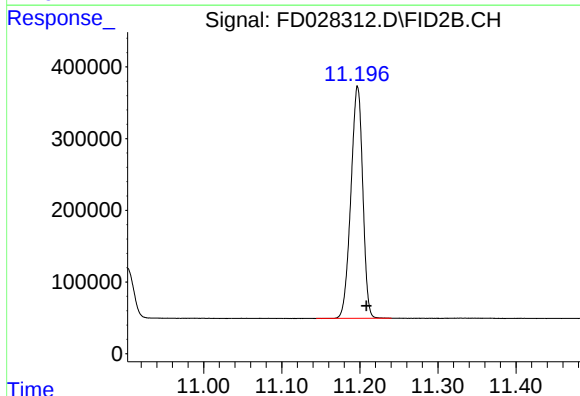
R.T.: 10.422 min  
Delta R.T.: -0.010 min  
Response: 3741100  
Conc: 33.48 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
SP-1MSD



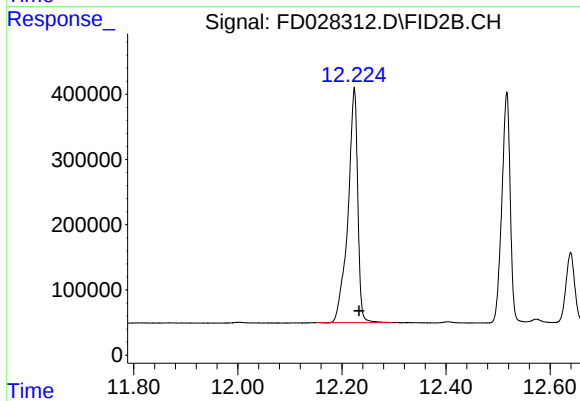
#10 Anthracene (C19.43)

R.T.: 10.497 min  
Delta R.T.: -0.009 min  
Response: 3746058  
Conc: 33.84 ug/ml



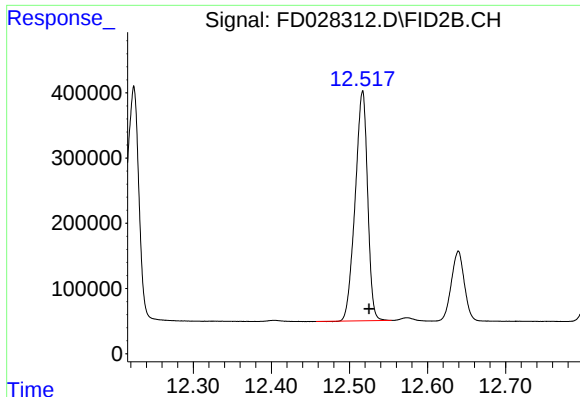
#11 ortho-Terphenyl (SURR)

R.T.: 11.197 min  
Delta R.T.: -0.011 min  
Response: 3412616  
Conc: 29.77 ug/ml



#12 Fluoranthene (C21.85)

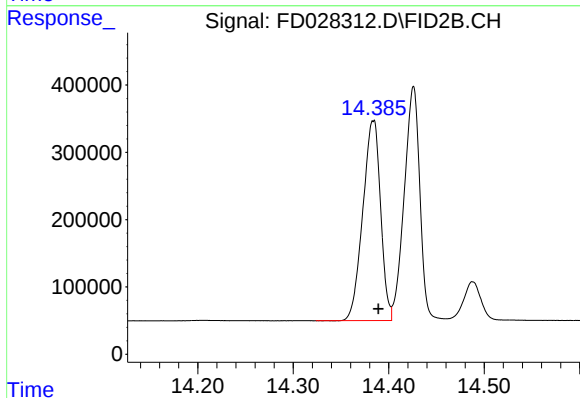
R.T.: 12.224 min  
Delta R.T.: -0.009 min  
Response: 4692352  
Conc: 43.24 ug/ml



#13 Pyrene (C20.8)

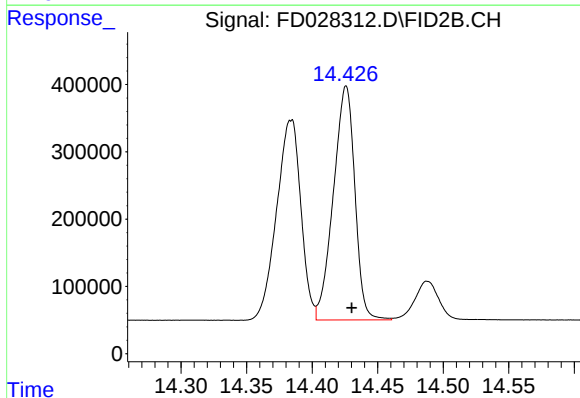
R.T.: 12.517 min  
Delta R.T.: -0.008 min  
Response: 3898280  
Conc: 37.15 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
SP-1MSD



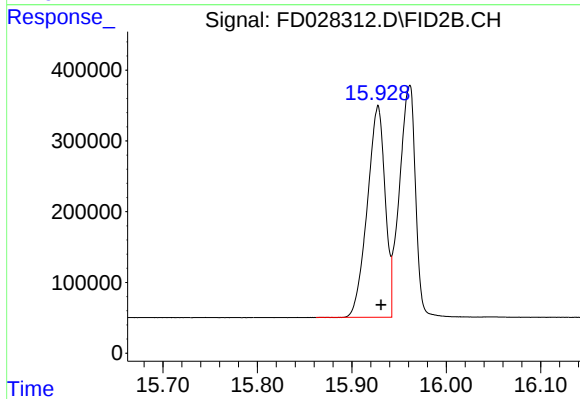
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.384 min  
Delta R.T.: -0.005 min  
Response: 3836666  
Conc: 37.91 ug/ml



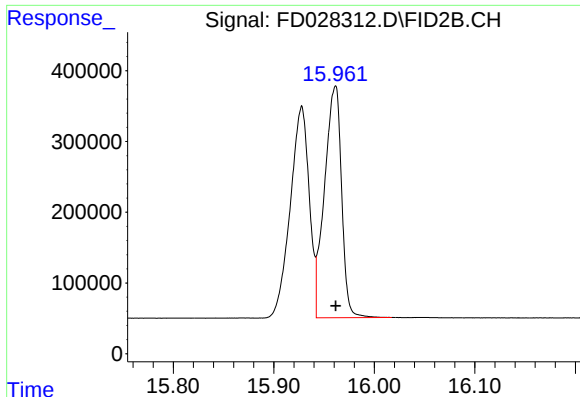
#15 Chrysene (C27.41)

R.T.: 14.426 min  
Delta R.T.: -0.004 min  
Response: 3963810  
Conc: 38.44 ug/ml



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

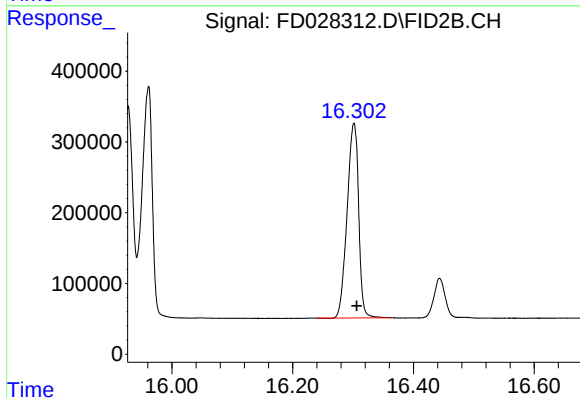
R.T.: 15.928 min  
Delta R.T.: -0.003 min  
Response: 3909384  
Conc: 37.09 ug/ml



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

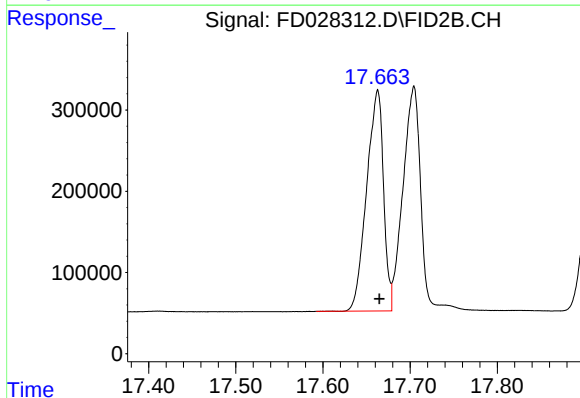
R.T.: 15.961 min  
Delta R.T.: 0.000 min  
Response: 3870018  
Conc: 35.94 ug/ml

Instrument :  
FID\_D  
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SP-1MSD



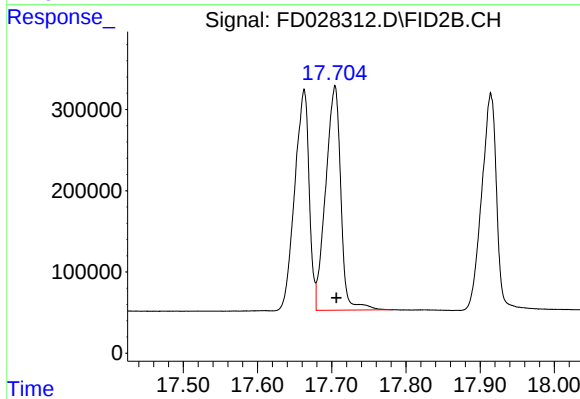
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.302 min  
Delta R.T.: -0.005 min  
Response: 3651908  
Conc: 34.12 ug/ml



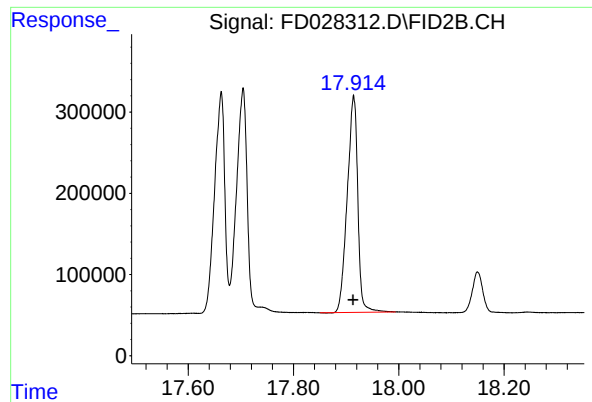
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.663 min  
Delta R.T.: -0.002 min  
Response: 3656106  
Conc: 35.73 ug/ml



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

R.T.: 17.704 min  
Delta R.T.: -0.002 min  
Response: 3921544  
Conc: 38.92 ug/ml



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

R.T.: 17.914 min  
Delta R.T.: 0.000 min  
Response: 3710484  
Conc: 34.34 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
SP-1MSD