

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD060523AR\  
 Data File : FD045783.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Jun 2023 17:38  
 Operator : YP/AJ  
 Sample : PB153208BSD  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB153208BSD

Integration File: autoint1.e  
 Quant Time: Jun 06 02:07:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:44:25 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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...      | 7.532  | 6335485    | 35.141 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 70.28%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.386  | 2771605    | 23.053 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 46.11%       |
| 11) S ortho-Terphenyl (SURR)       | 11.428 | 7664120    | 34.312 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 68.62%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.341  | 3539853    | 17.535 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.870  | 4329786    | 20.434 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.919  | 4508488    | 21.347 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.192  | 5895226    | 31.116 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.487  | 5509585    | 27.251 ug/ml |
| 8) T Fluorene (C16.55)             | 9.266  | 6680092    | 33.715 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.657 | 6643269    | 34.725 ug/ml |
| 10) T Anthracene (C19.43)          | 10.732 | 6483196    | 38.058 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.462 | 7073901    | 38.289 ug/ml |
| 13) T Pyrene (C20.8)               | 12.757 | 6719907    | 37.626 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.622 | 6468366    | 41.313 ug/ml |
| 15) T Chrysene (C27.41)            | 14.665 | 6505503    | 39.432 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.164 | 6342505    | 41.907 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.199 | 6137409    | 39.642 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.539 | 5622388    | 38.447 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.898 | 5715614    | 39.024 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.940 | 5905198    | 39.363 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.152 | 5971118    | 40.467 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

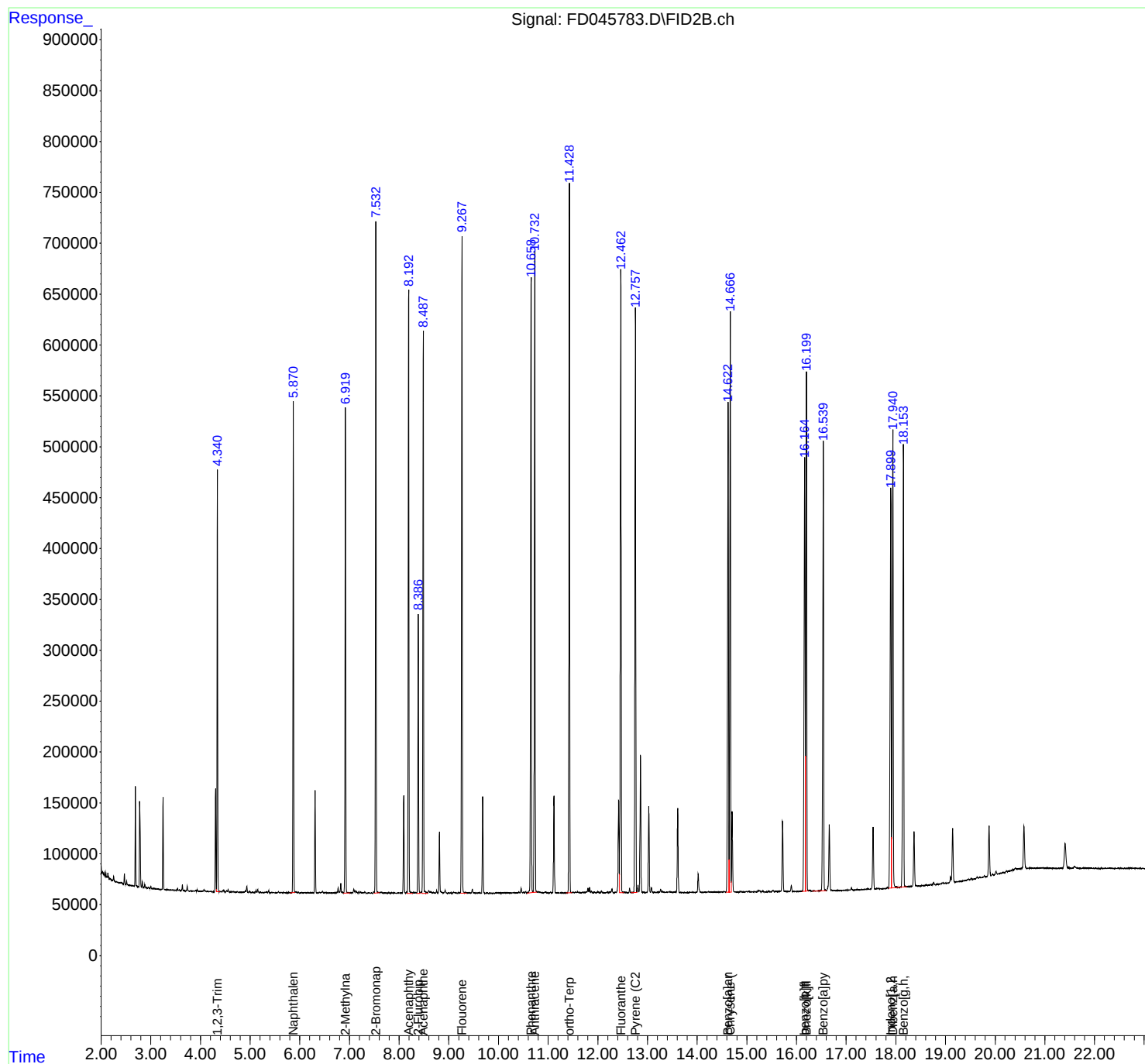
(m)=manual int.

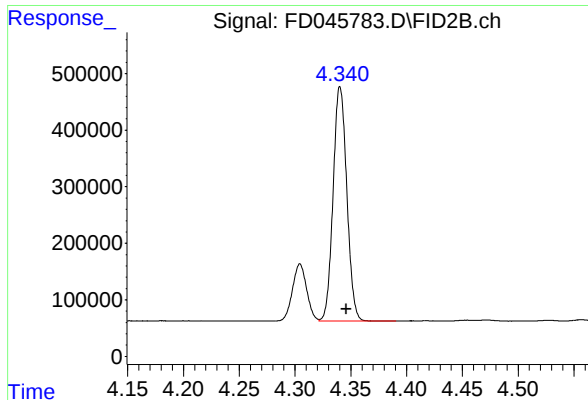
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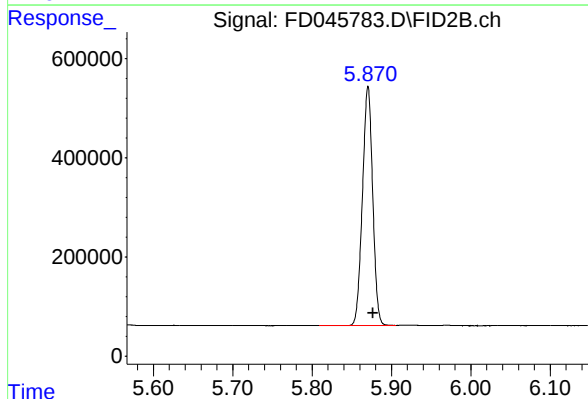




#1 1,2,3-Trimethylbenzene (C10.1)

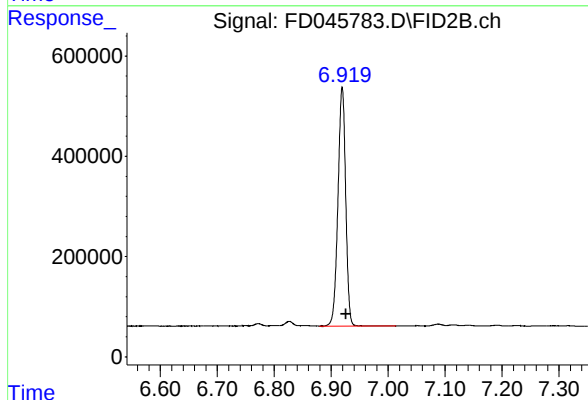
R.T.: 4.341 min  
Delta R.T.: -0.005 min  
Response: 3539853  
Conc: 17.53 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB153208BSD



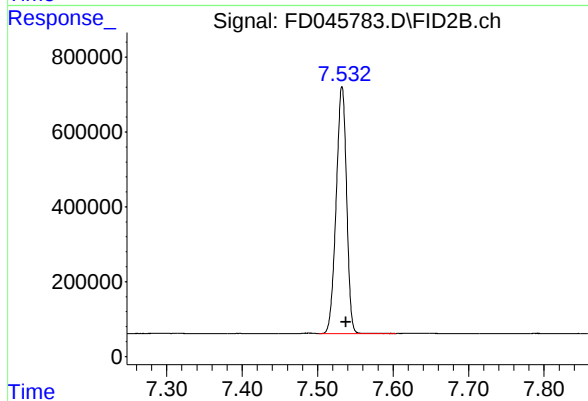
#2 Naphthalene (C11.7)

R.T.: 5.870 min  
Delta R.T.: -0.006 min  
Response: 4329786  
Conc: 20.43 ug/ml



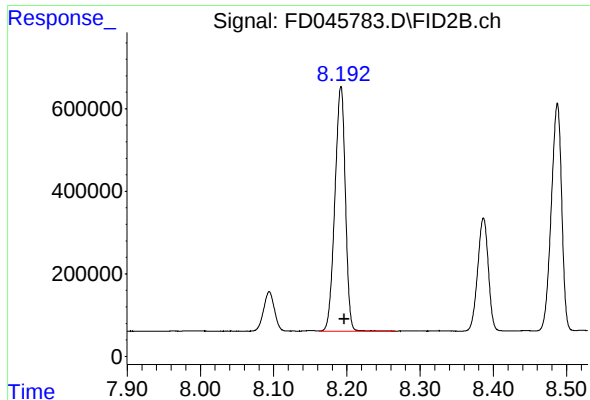
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.919 min  
Delta R.T.: -0.007 min  
Response: 4508488  
Conc: 21.35 ug/ml



#4 2-Bromonaphthalene (SURR)

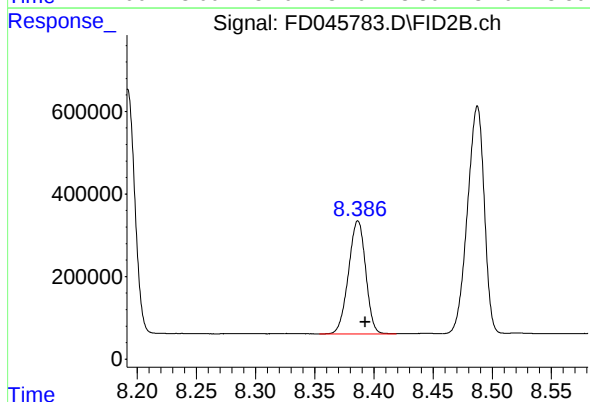
R.T.: 7.532 min  
Delta R.T.: -0.005 min  
Response: 6335485  
Conc: 35.14 ug/ml



#5 Acenaphthylene (C15.06)

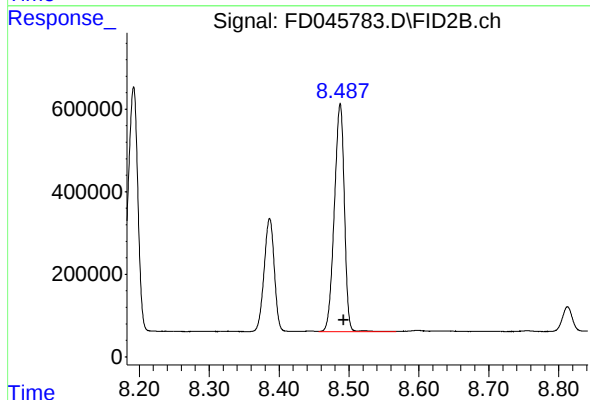
R.T.: 8.192 min  
Delta R.T.: -0.005 min  
Response: 5895226  
Conc: 31.12 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB153208BSD



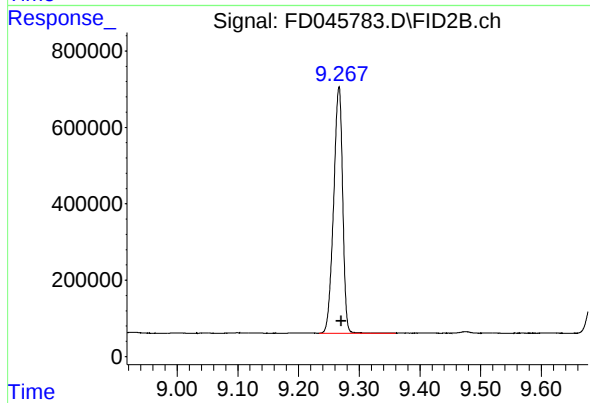
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.386 min  
Delta R.T.: -0.006 min  
Response: 2771605  
Conc: 23.05 ug/ml



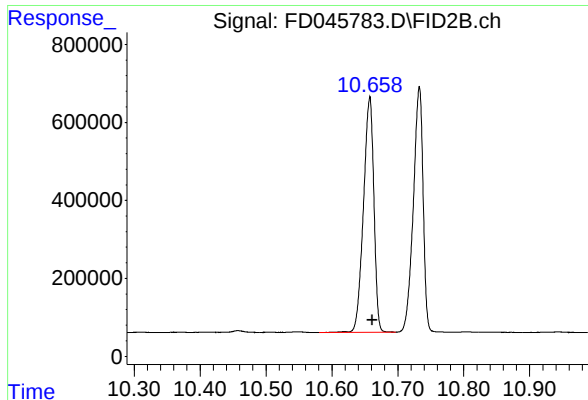
#7 Acenaphthene (C15.5)

R.T.: 8.487 min  
Delta R.T.: -0.005 min  
Response: 5509585  
Conc: 27.25 ug/ml



#8 Fluorene (C16.55)

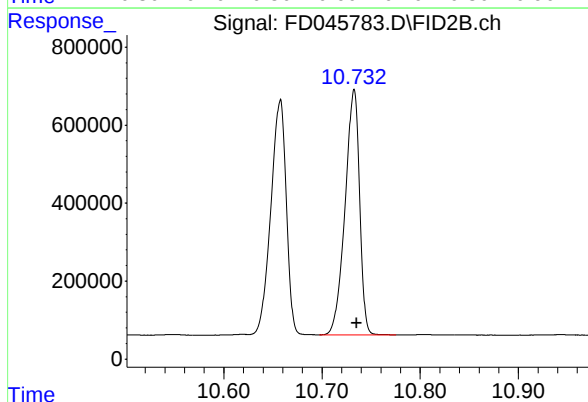
R.T.: 9.266 min  
Delta R.T.: -0.004 min  
Response: 6680092  
Conc: 33.71 ug/ml



#9 Phenanthrene (C19.36)

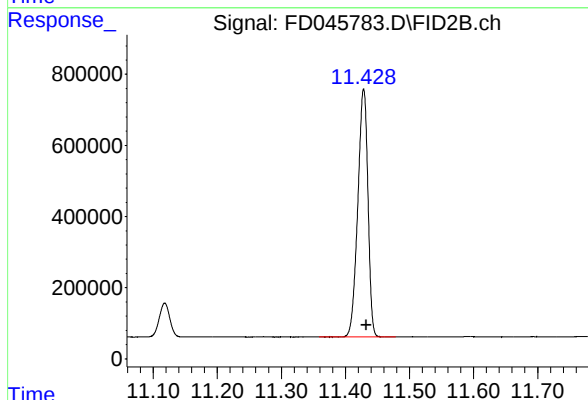
R.T.: 10.657 min  
Delta R.T.: -0.004 min  
Response: 6643269  
Conc: 34.73 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB153208BSD



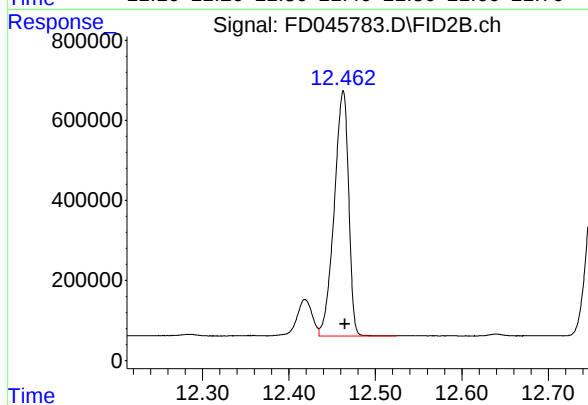
#10 Anthracene (C19.43)

R.T.: 10.732 min  
Delta R.T.: -0.003 min  
Response: 6483196  
Conc: 38.06 ug/ml



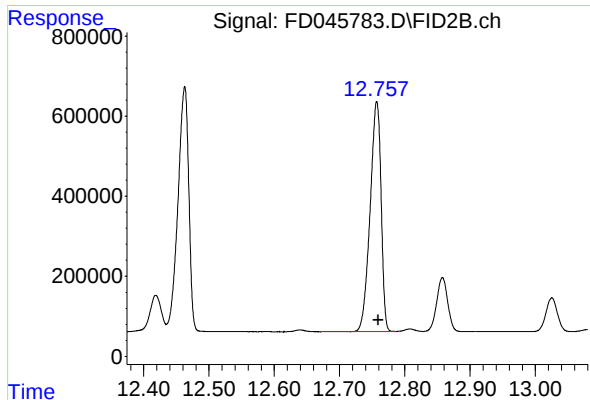
#11 ortho-Terphenyl (SURR)

R.T.: 11.428 min  
Delta R.T.: -0.004 min  
Response: 7664120  
Conc: 34.31 ug/ml



#12 Fluoranthene (C21.85)

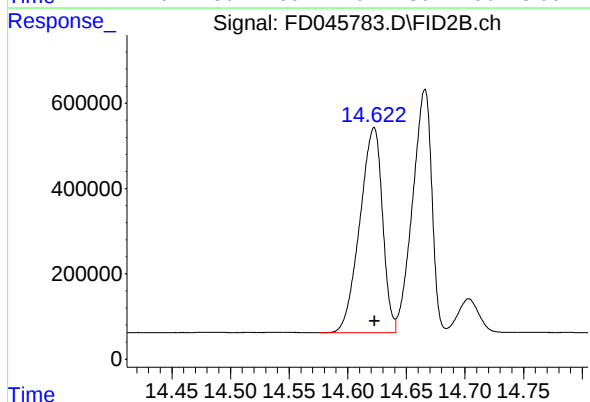
R.T.: 12.462 min  
Delta R.T.: -0.003 min  
Response: 7073901  
Conc: 38.29 ug/ml



#13 Pyrene (C20.8)

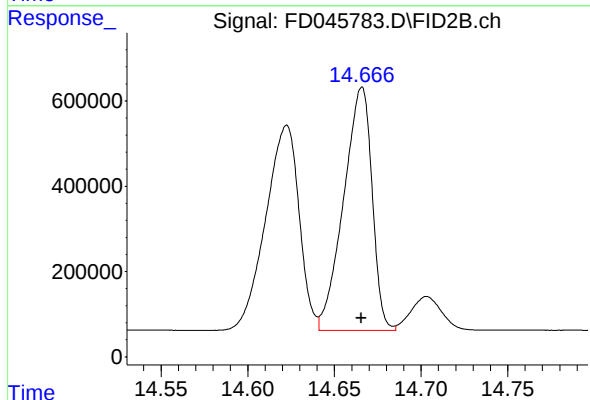
R.T.: 12.757 min  
Delta R.T.: -0.003 min  
Response: 6719907  
Conc: 37.63 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB153208BSD



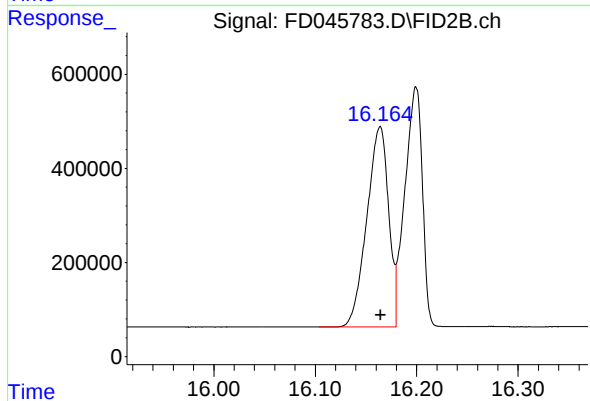
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.622 min  
Delta R.T.: -0.001 min  
Response: 6468366  
Conc: 41.31 ug/ml



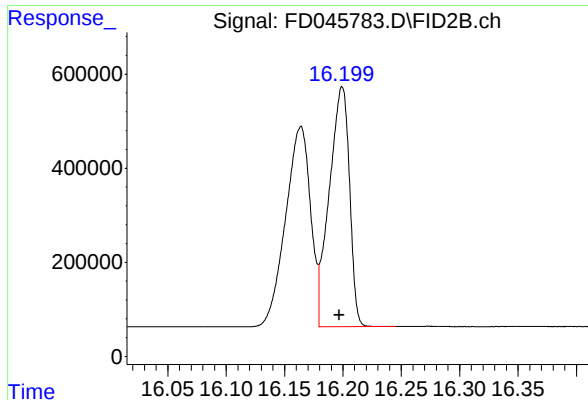
#15 Chrysene (C27.41)

R.T.: 14.665 min  
Delta R.T.: 0.000 min  
Response: 6505503  
Conc: 39.43 ug/ml



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

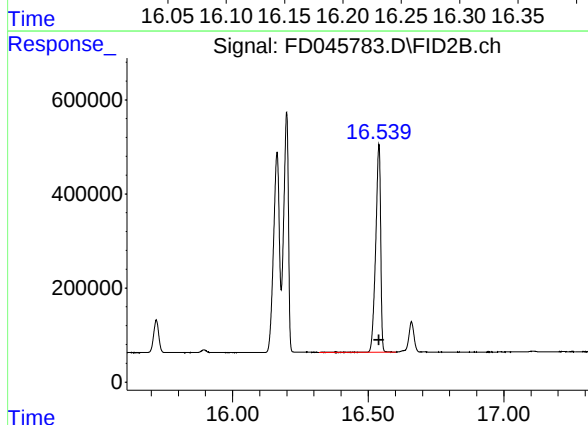
R.T.: 16.164 min  
Delta R.T.: 0.000 min  
Response: 6342505  
Conc: 41.91 ug/ml



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

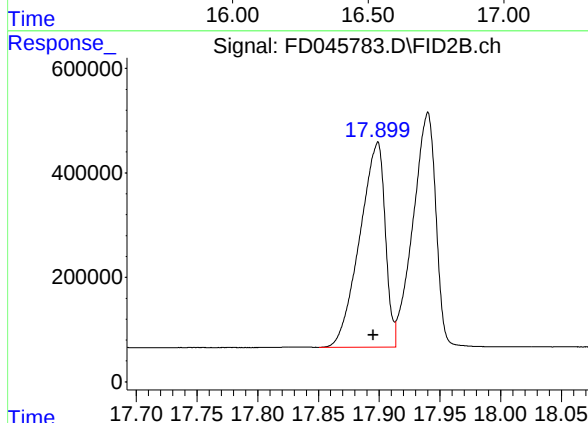
R.T.: 16.199 min  
Delta R.T.: 0.002 min  
Response: 6137409  
Conc: 39.64 ug/ml

Instrument :  
FID\_D  
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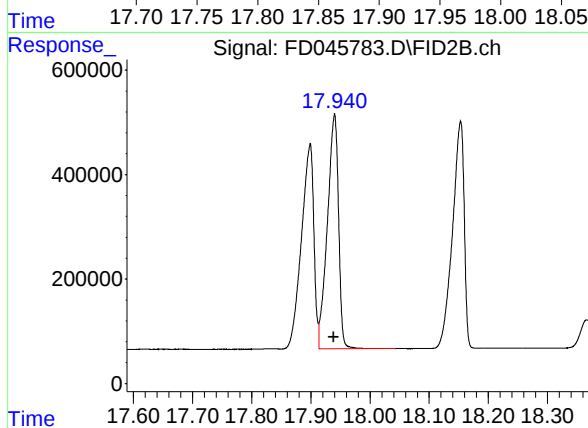
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.539 min  
Delta R.T.: 0.000 min  
Response: 5622388  
Conc: 38.45 ug/ml



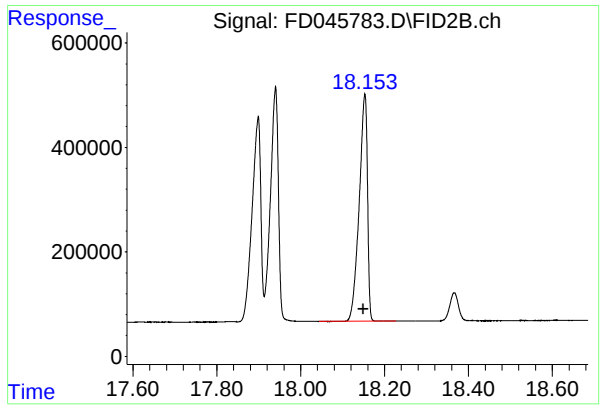
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.898 min  
Delta R.T.: 0.003 min  
Response: 5715614  
Conc: 39.02 ug/ml



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

R.T.: 17.940 min  
Delta R.T.: 0.000 min  
Response: 5905198  
Conc: 39.36 ug/ml



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

R.T.: 18.152 min

Delta R.T.: 0.003 min

Response: 5971118

Conc: 40.47 ug/ml

Instrument :

FID\_D

ClientSampleId :

PB153208BSD