

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101323AR\  
 Data File : FD046741.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Oct 2023 17:09  
 Operator : YP/AJ  
 Sample : PB156368BS  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 14 02:59:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101023.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 11 02:49:06 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

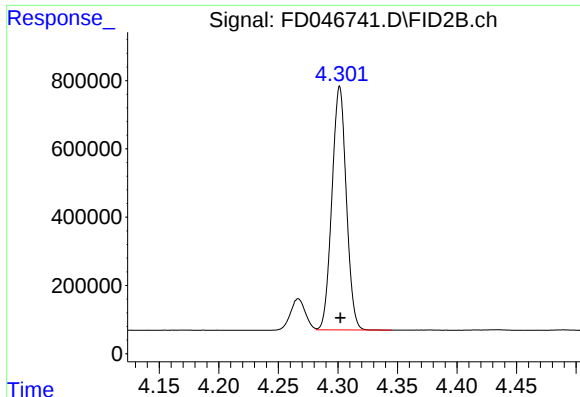
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.489  | 8858678    | 47.721 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 95.44%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.343  | 5499707    | 45.391 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 90.78%       |
| 11) S ortho-Terphenyl (SURR)       | 11.383 | 9752984    | 45.078 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 90.16%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.301  | 5998643    | 30.892 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.828  | 6749117    | 33.361 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.876  | 6944909    | 34.000 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.147  | 7122153    | 38.583 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.443  | 7389357    | 37.171 ug/ml |
| 8) T Flouorene (C16.55)            | 9.221  | 7622096    | 40.042 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.611 | 7903297    | 42.878 ug/ml |
| 10) T Anthracene (C19.43)          | 10.687 | 7769140    | 59.426 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.416 | 8161311    | 44.794 ug/ml |
| 13) T Pyrene (C20.8)               | 12.710 | 8162682    | 46.547 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.574 | 7429452    | 50.732 ug/ml |
| 15) T Chrysene (C27.41)            | 14.618 | 7434757    | 46.210 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.116 | 7173108    | 48.005 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.153 | 7112307    | 47.279 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.492 | 6492032    | 45.906 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.851 | 6651937    | 49.066 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.892 | 6181763    | 43.750 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.106 | 6375610    | 45.323 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

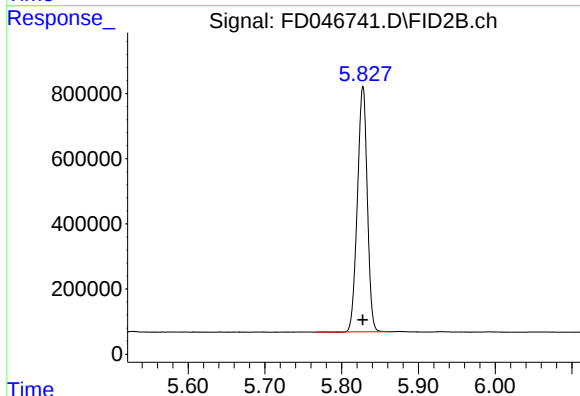




#1 1,2,3-Trimethylbenzene (C10.1)

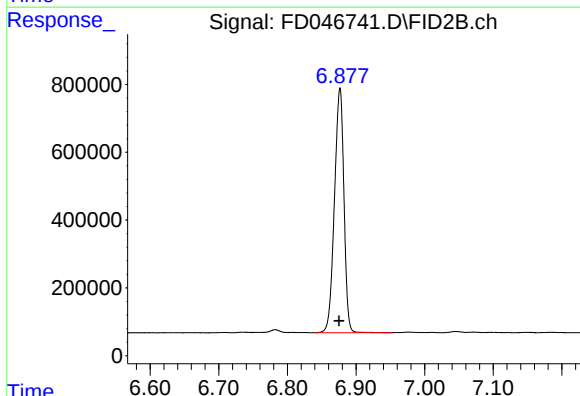
R.T.: 4.301 min  
Delta R.T.: 0.000 min  
Response: 5998643  
Conc: 30.89 ug/ml

Instrument :  
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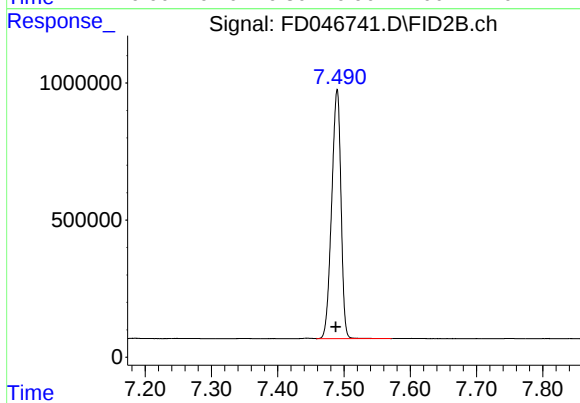
#2 Naphthalene (C11.7)

R.T.: 5.828 min  
Delta R.T.: 0.000 min  
Response: 6749117  
Conc: 33.36 ug/ml



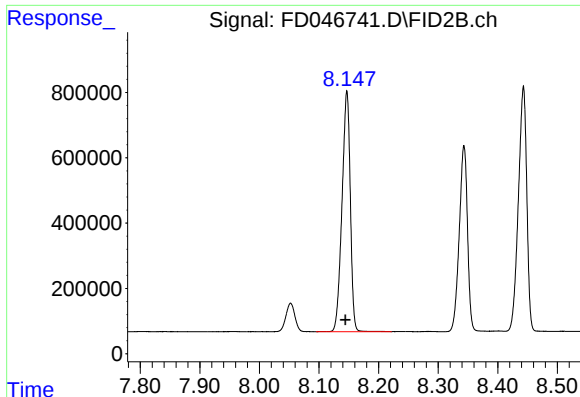
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 6944909  
Conc: 34.00 ug/ml



#4 2-Bromonaphthalene (SURR)

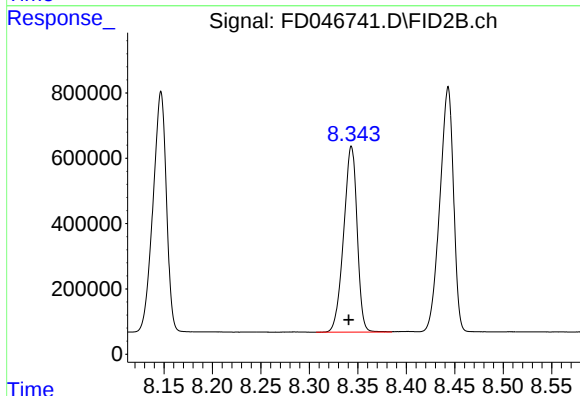
R.T.: 7.489 min  
Delta R.T.: 0.002 min  
Response: 8858678  
Conc: 47.72 ug/ml



#5 Acenaphthylene (C15.06)

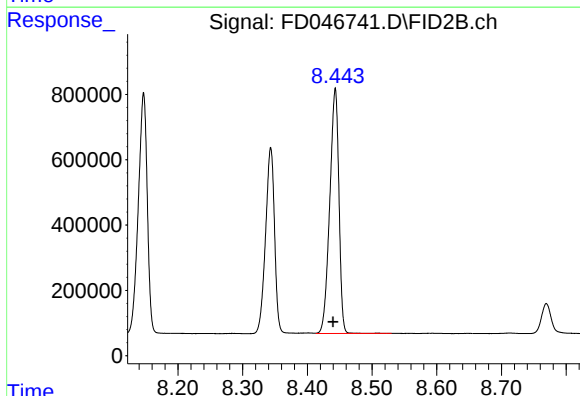
R.T.: 8.147 min  
Delta R.T.: 0.002 min  
Response: 7122153  
Conc: 38.58 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



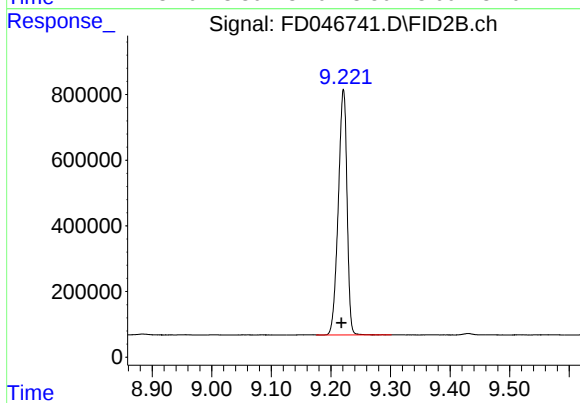
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min  
Delta R.T.: 0.003 min  
Response: 5499707  
Conc: 45.39 ug/ml



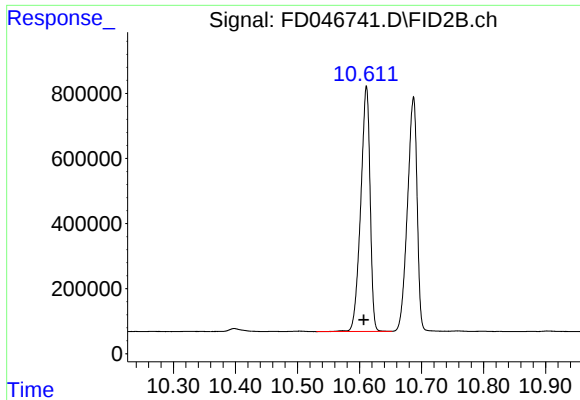
#7 Acenaphthene (C15.5)

R.T.: 8.443 min  
Delta R.T.: 0.003 min  
Response: 7389357  
Conc: 37.17 ug/ml



#8 Fluorene (C16.55)

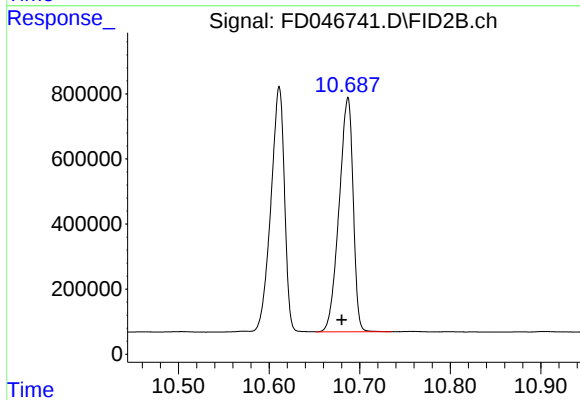
R.T.: 9.221 min  
Delta R.T.: 0.003 min  
Response: 7622096  
Conc: 40.04 ug/ml



#9 Phenanthrene (C19.36)

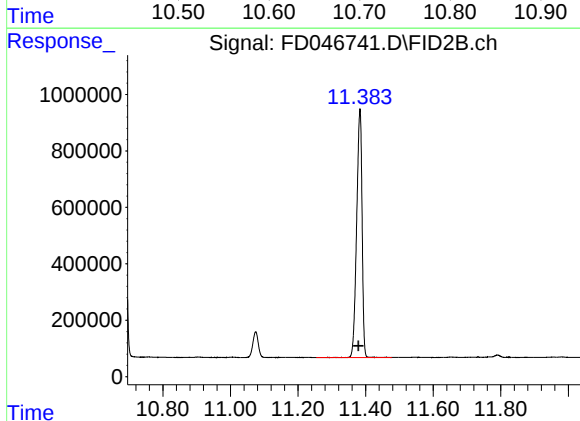
R.T.: 10.611 min  
Delta R.T.: 0.004 min  
Response: 7903297  
Conc: 42.88 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



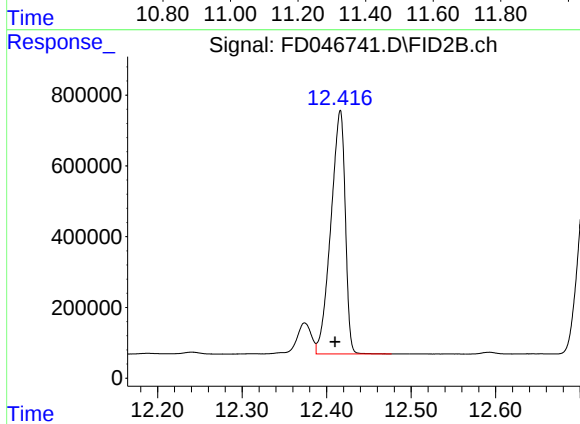
#10 Anthracene (C19.43)

R.T.: 10.687 min  
Delta R.T.: 0.006 min  
Response: 7769140  
Conc: 59.43 ug/ml



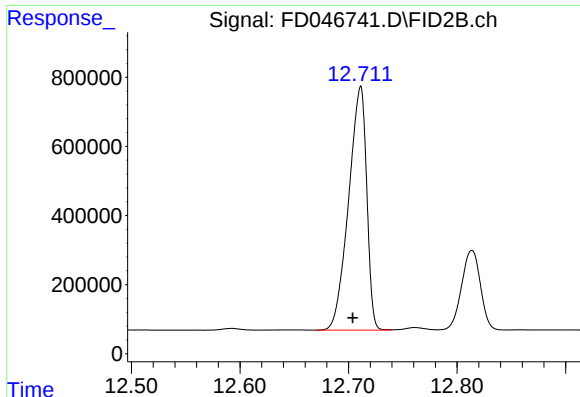
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min  
Delta R.T.: 0.004 min  
Response: 9752984  
Conc: 45.08 ug/ml



#12 Fluoranthene (C21.85)

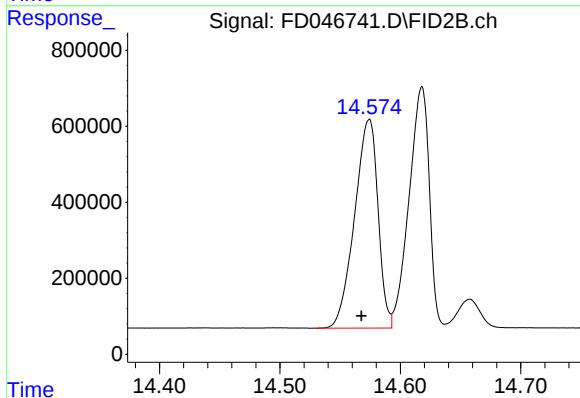
R.T.: 12.416 min  
Delta R.T.: 0.006 min  
Response: 8161311  
Conc: 44.79 ug/ml



#13 Pyrene (C20.8)

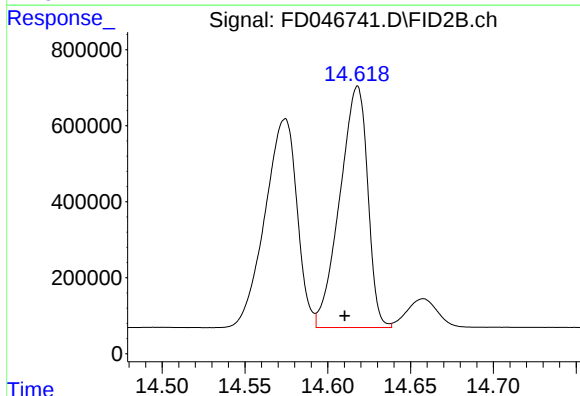
R.T.: 12.710 min  
Delta R.T.: 0.006 min  
Response: 8162682  
Conc: 46.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



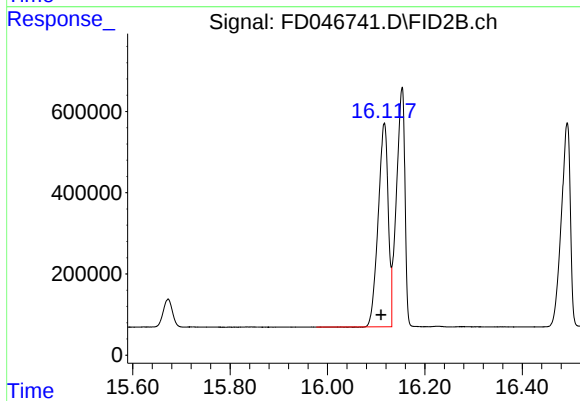
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min  
Delta R.T.: 0.006 min  
Response: 7429452  
Conc: 50.73 ug/ml



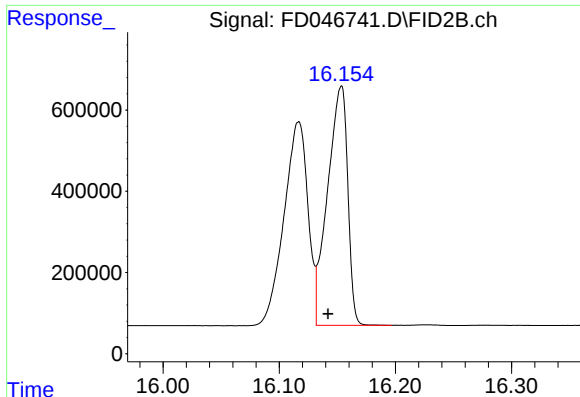
#15 Chrysene (C27.41)

R.T.: 14.618 min  
Delta R.T.: 0.007 min  
Response: 7434757  
Conc: 46.21 ug/ml



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

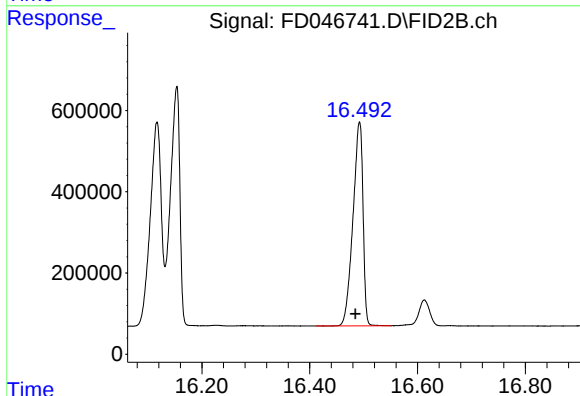
R.T.: 16.116 min  
Delta R.T.: 0.006 min  
Response: 7173108  
Conc: 48.01 ug/ml



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

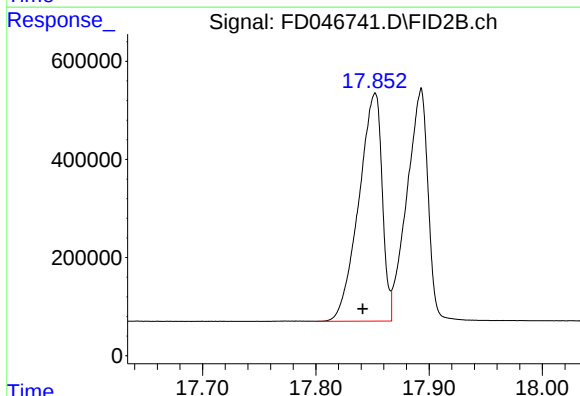
R.T.: 16.153 min  
Delta R.T.: 0.011 min  
Response: 7112307  
Conc: 47.28 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



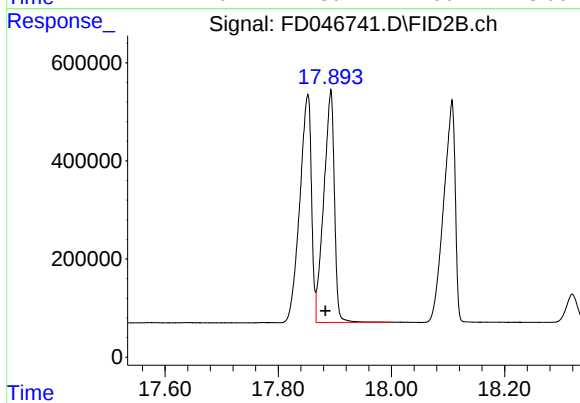
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.492 min  
Delta R.T.: 0.007 min  
Response: 6492032  
Conc: 45.91 ug/ml



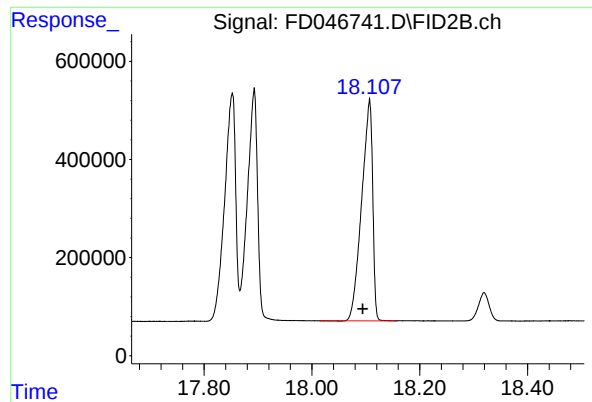
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min  
Delta R.T.: 0.010 min  
Response: 6651937  
Conc: 49.07 ug/ml



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

R.T.: 17.892 min  
Delta R.T.: 0.009 min  
Response: 6181763  
Conc: 43.75 ug/ml



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

R.T.: 18.106 min  
Delta R.T.: 0.012 min  
Response: 6375610  
Conc: 45.32 ug/ml

Instrument :

FID\_D

ClientSampleId :