

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091823AR\  
 Data File : FD046522.D  
 Signal(s) : FID2B.ch  
 Acq On : 18 Sep 2023 16:44  
 Operator : YP/AJ  
 Sample : PB155649BS  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB155649BS

Integration File: autoint1.e  
 Quant Time: Sep 19 00:31:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 091523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 15 01:47:22 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...      | 7.494  | 9164590    | 52.005 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 104.01%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.348  | 5808049    | 50.130 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 100.26%      |
| 11) S ortho-Terphenyl (SURR)       | 11.388 | 10243689   | 50.281 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 100.56%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.306  | 6124453    | 33.159 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.832  | 7137103    | 36.935 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.881  | 7547675    | 38.948 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.152  | 8043481    | 45.617 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.448  | 7931203    | 42.211 ug/ml |
| 8) T Fluorene (C16.55)             | 9.226  | 8184384    | 45.370 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.616 | 8304182    | 47.230 ug/ml |
| 10) T Anthracene (C19.43)          | 10.691 | 8216348    | 53.494 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.421 | 8425330    | 49.433 ug/ml |
| 13) T Pyrene (C20.8)               | 12.716 | 8459712    | 51.568 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.579 | 7628481    | 54.632 ug/ml |
| 15) T Chrysene (C27.41)            | 14.623 | 7675603    | 50.563 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.121 | 7230725    | 52.715 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.157 | 7233815    | 52.221 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.497 | 6755557    | 50.498 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.856 | 6737870    | 53.753 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.896 | 6365401    | 47.835 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.111 | 6417210    | 48.662 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

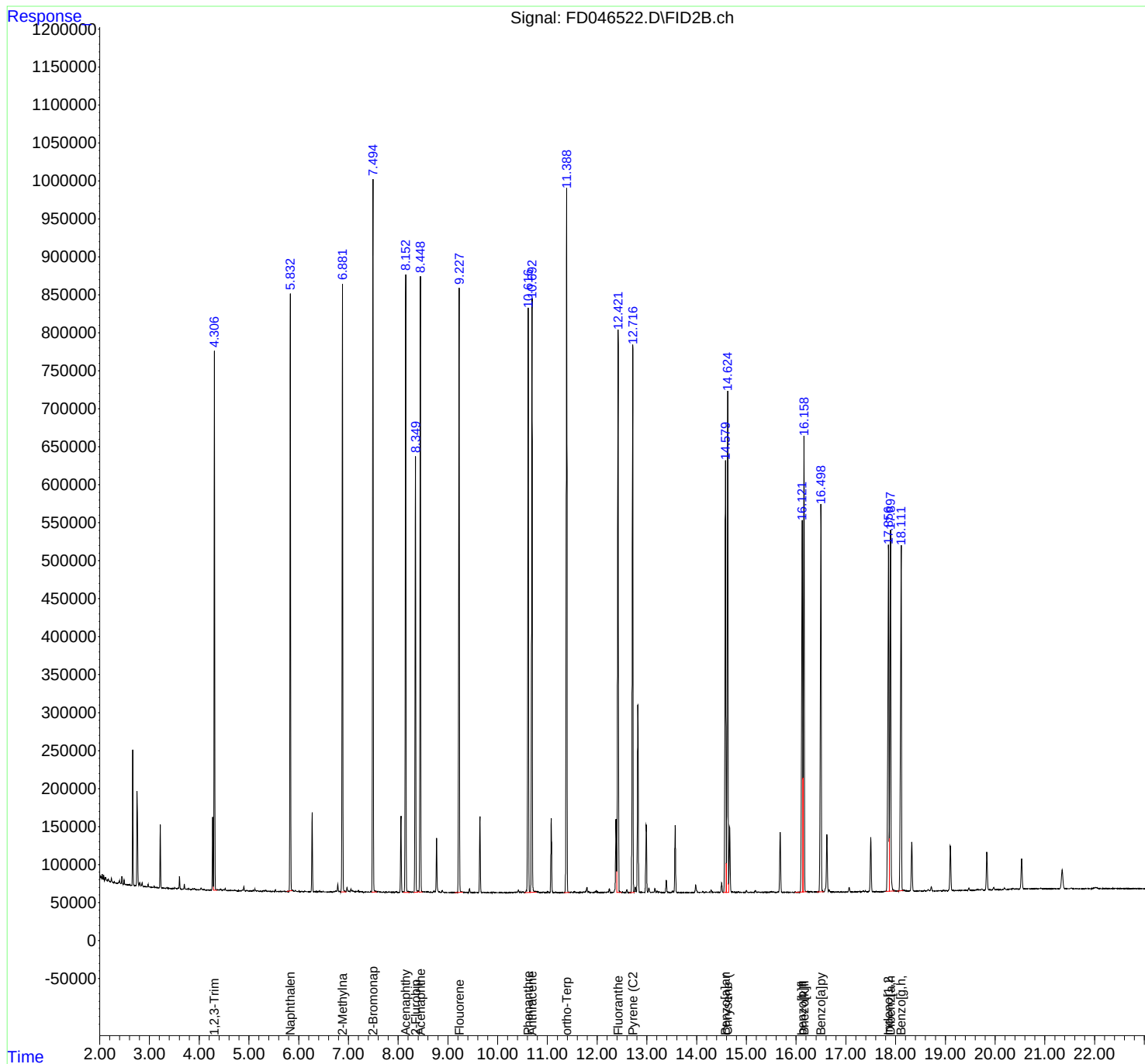
(m)=manual int.

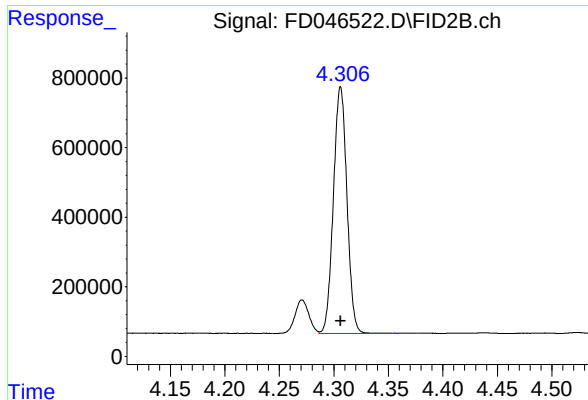
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091823AR\  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

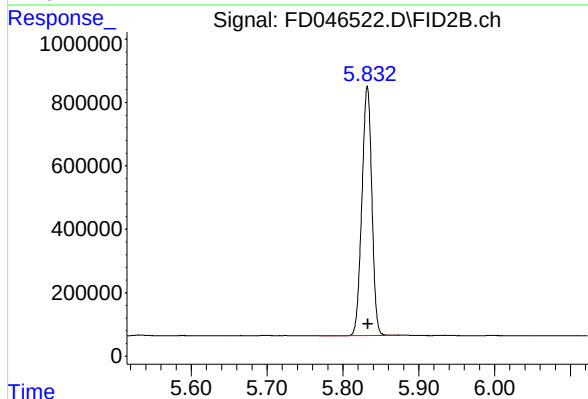




#1 1,2,3-Trimethylbenzene (C10.1)

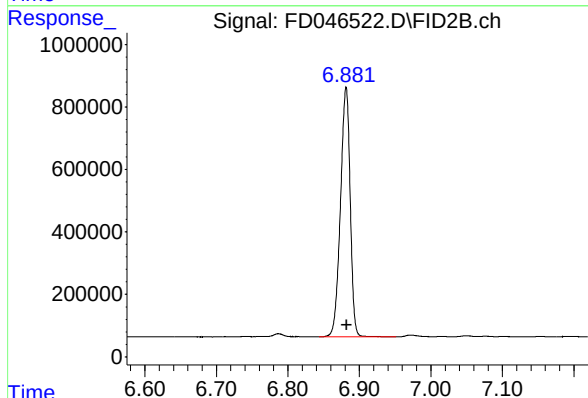
R.T.: 4.306 min  
Delta R.T.: 0.000 min  
Response: 6124453  
Conc: 33.16 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB155649BS



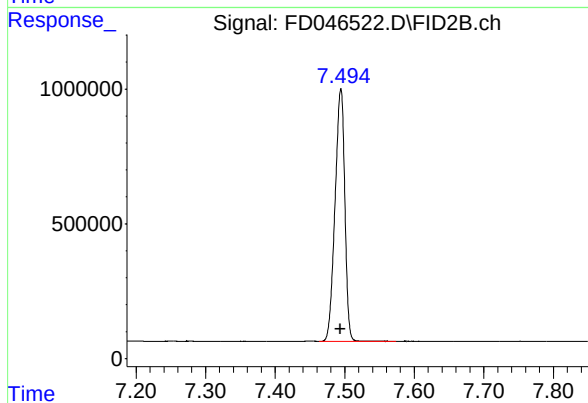
#2 Naphthalene (C11.7)

R.T.: 5.832 min  
Delta R.T.: 0.000 min  
Response: 7137103  
Conc: 36.94 ug/ml



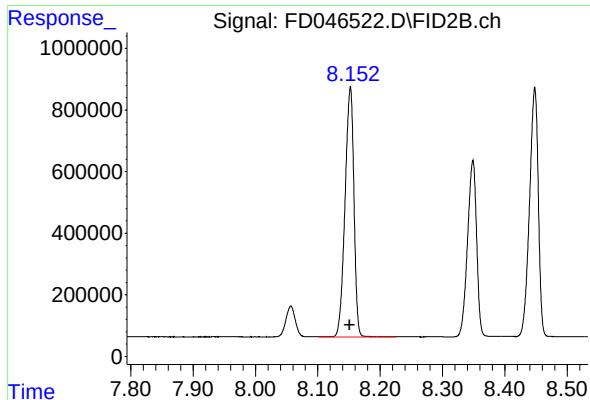
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min  
Delta R.T.: -0.001 min  
Response: 7547675  
Conc: 38.95 ug/ml



#4 2-Bromonaphthalene (SURR)

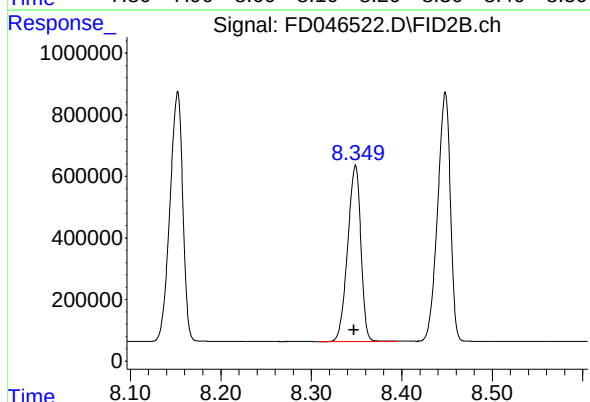
R.T.: 7.494 min  
Delta R.T.: 0.000 min  
Response: 9164590  
Conc: 52.00 ug/ml



#5 Acenaphthylene (C15.06)

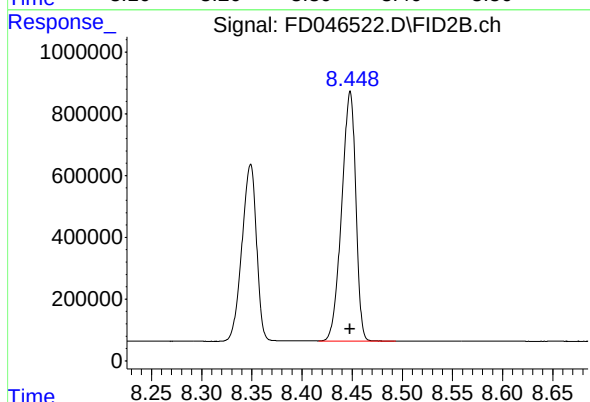
R.T.: 8.152 min  
Delta R.T.: 0.000 min  
Response: 8043481  
Conc: 45.62 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB155649BS



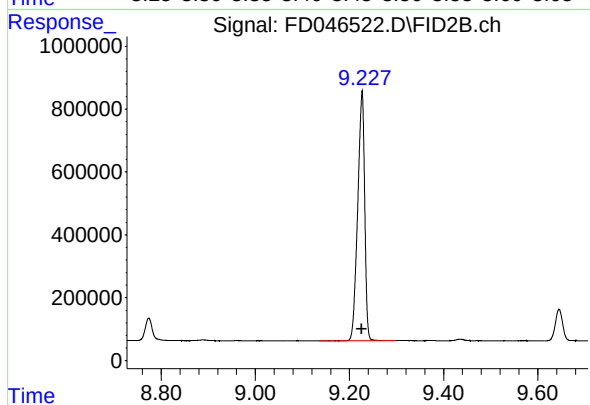
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.348 min  
Delta R.T.: 0.001 min  
Response: 5808049  
Conc: 50.13 ug/ml



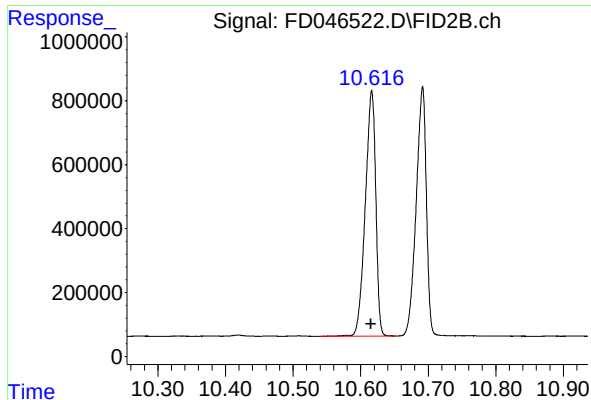
#7 Acenaphthene (C15.5)

R.T.: 8.448 min  
Delta R.T.: 0.000 min  
Response: 7931203  
Conc: 42.21 ug/ml



#8 Flouorene (C16.55)

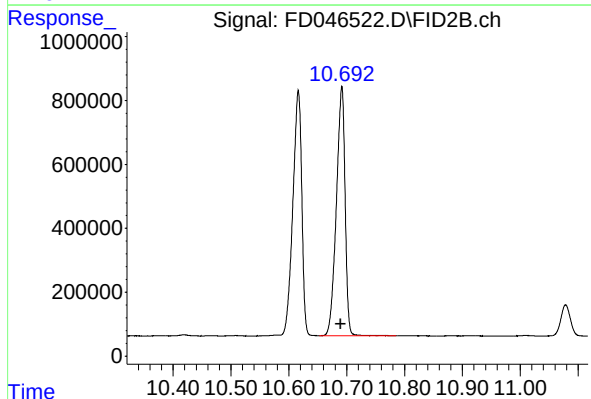
R.T.: 9.226 min  
Delta R.T.: 0.000 min  
Response: 8184384  
Conc: 45.37 ug/ml



#9 Phenanthrene (C19.36)

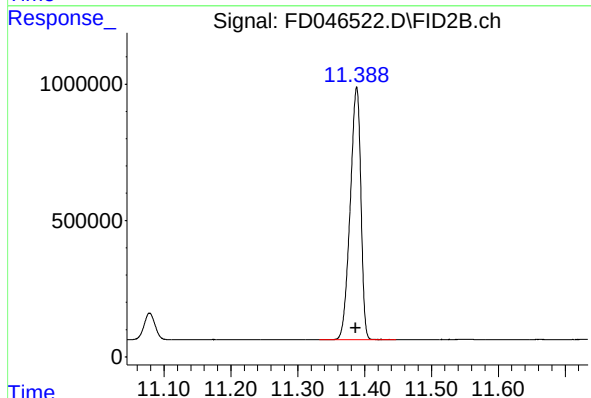
R.T.: 10.616 min  
Delta R.T.: 0.000 min  
Response: 8304182  
Conc: 47.23 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB155649BS



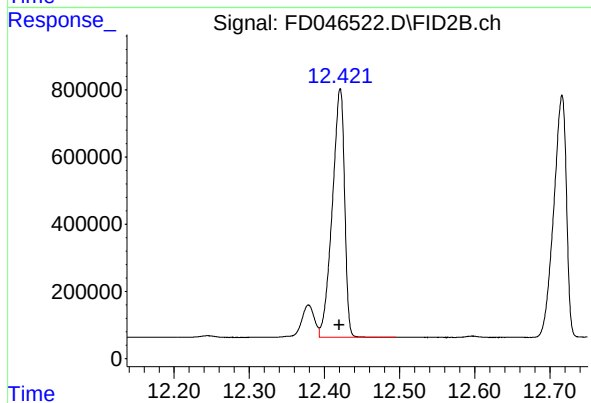
#10 Anthracene (C19.43)

R.T.: 10.691 min  
Delta R.T.: 0.002 min  
Response: 8216348  
Conc: 53.49 ug/ml



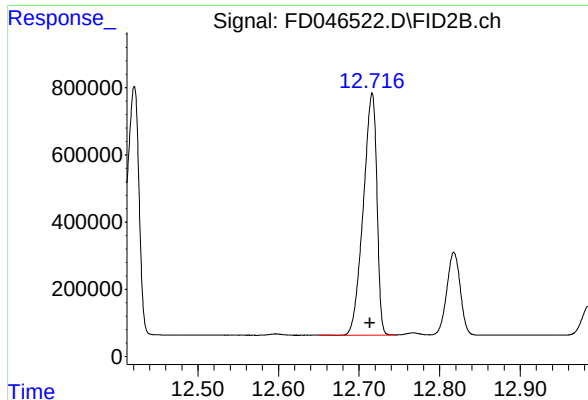
#11 ortho-Terphenyl (SURRE)

R.T.: 11.388 min  
Delta R.T.: 0.001 min  
Response: 10243689  
Conc: 50.28 ug/ml



#12 Fluoranthene (C21.85)

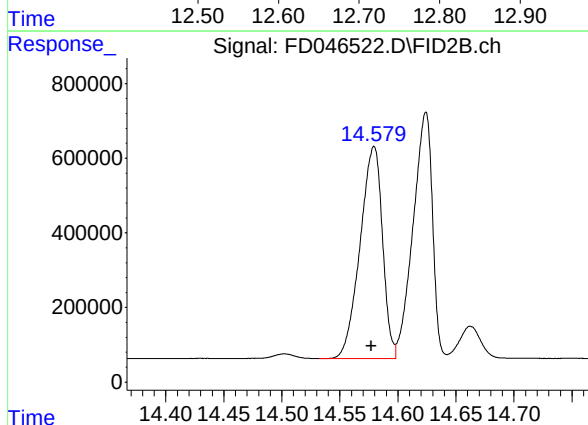
R.T.: 12.421 min  
Delta R.T.: 0.000 min  
Response: 8425330  
Conc: 49.43 ug/ml



#13 Pyrene (C20.8)

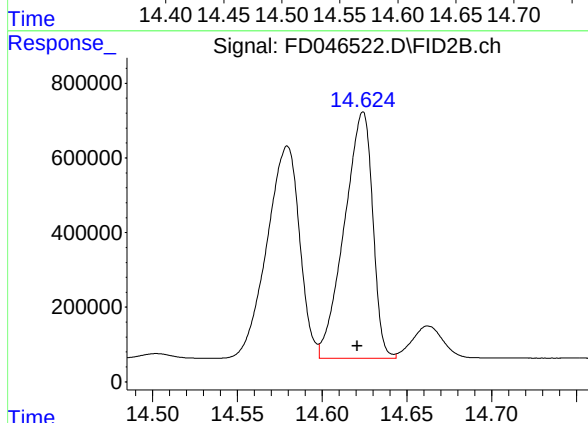
R.T.: 12.716 min  
Delta R.T.: 0.002 min  
Response: 8459712  
Conc: 51.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB155649BS



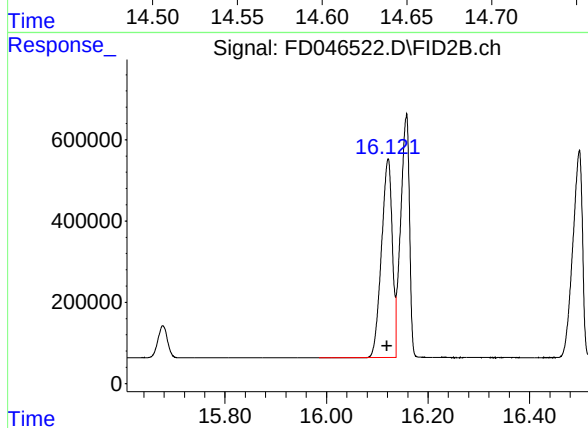
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min  
Delta R.T.: 0.002 min  
Response: 7628481  
Conc: 54.63 ug/ml



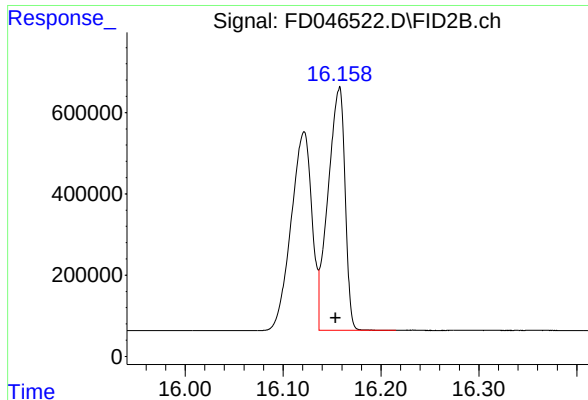
#15 Chrysene (C27.41)

R.T.: 14.623 min  
Delta R.T.: 0.003 min  
Response: 7675603  
Conc: 50.56 ug/ml



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

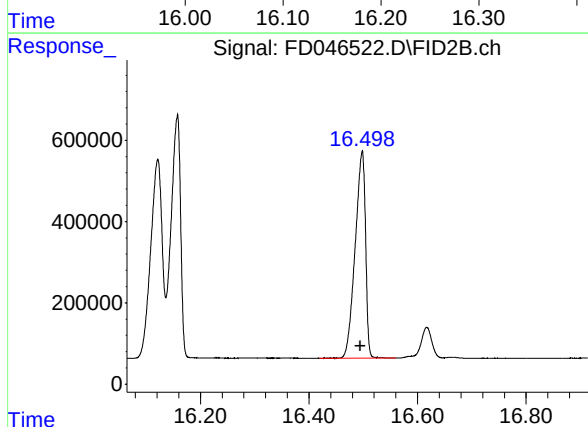
R.T.: 16.121 min  
Delta R.T.: 0.002 min  
Response: 7230725  
Conc: 52.71 ug/ml



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

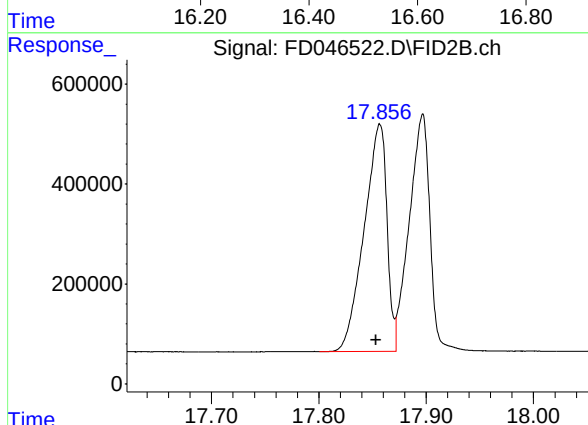
R.T.: 16.157 min  
Delta R.T.: 0.003 min  
Response: 7233815  
Conc: 52.22 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB155649BS



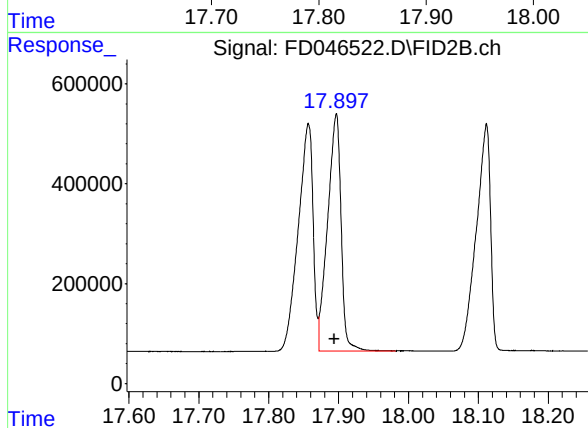
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min  
Delta R.T.: 0.003 min  
Response: 6755557  
Conc: 50.50 ug/ml



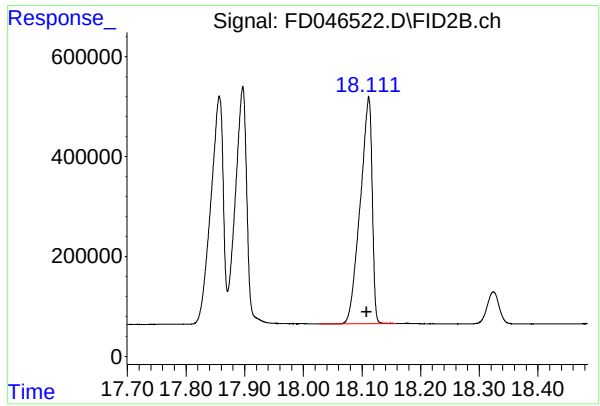
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min  
Delta R.T.: 0.003 min  
Response: 6737870  
Conc: 53.75 ug/ml



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

R.T.: 17.896 min  
Delta R.T.: 0.002 min  
Response: 6365401  
Conc: 47.83 ug/ml



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

R.T.: 18.111 min

Delta R.T.: 0.003 min

Response: 6417210

Conc: 48.66 ug/ml

Instrument :

FID\_D

ClientSampleId :

PB155649BS