

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022323AR\  
 Data File : FD045156.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Feb 2023 11:23  
 Operator : YP/AJ  
 Sample : PB151036BS  
 Misc :  
 ALS Vial : 77 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB151036BS

Integration File: autoint1.e  
 Quant Time: Feb 25 03:00:44 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 022123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 22 04:55:52 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...      | 7.554  | 6758595    | 50.392 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 100.78%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.411  | 4331861    | 48.336 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 96.67%       |
| 11) S ortho-Terphenyl (SURR)       | 11.451 | 7226995    | 42.969 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 85.94%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.362  | 5223033    | 34.887 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.893  | 6153215    | 39.191 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.943  | 6300741    | 40.273 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.215  | 7095020    | 49.691 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.511  | 7254104    | 48.106 ug/ml |
| 8) T Fluorene (C16.55)             | 9.290  | 7472146    | 50.693 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.682 | 7789591    | 53.811 ug/ml |
| 10) T Anthracene (C19.43)          | 10.757 | 7740435    | 57.171 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.489 | 7945251    | 55.432 ug/ml |
| 13) T Pyrene (C20.8)               | 12.785 | 7900946    | 56.425 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.650 | 7446191    | 58.530 ug/ml |
| 15) T Chrysene (C27.41)            | 14.695 | 7256715    | 54.804 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.195 | 7403488    | 56.450 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.231 | 7035892    | 54.256 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.572 | 6602281    | 51.437 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.931 | 7044545    | 56.085 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.972 | 6540512    | 53.476 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.187 | 6865733    | 54.117 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

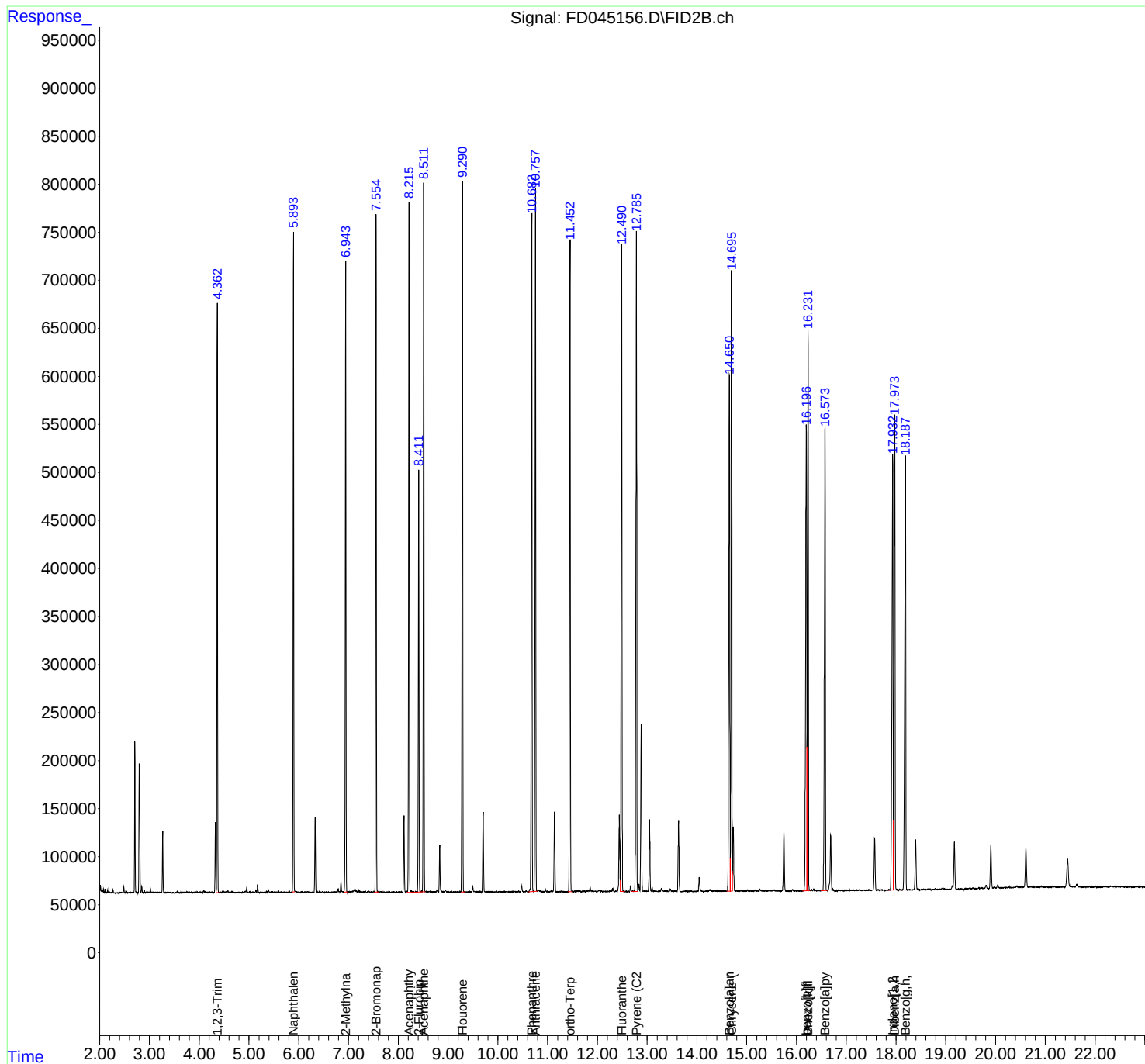
(m)=manual int.

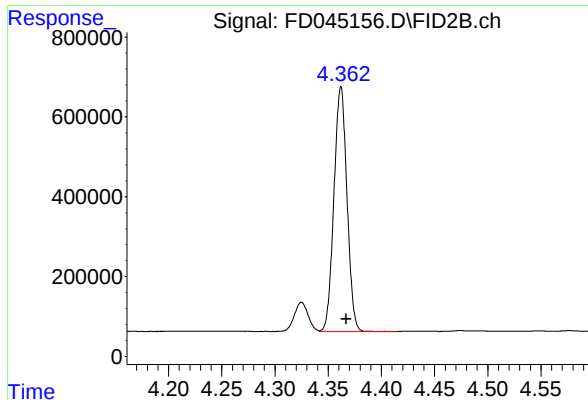
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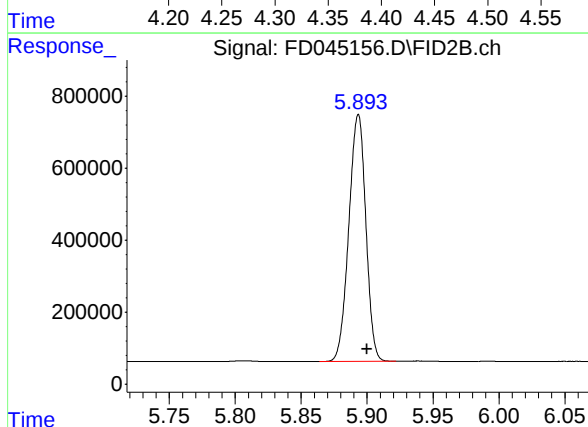




#1 1,2,3-Trimethylbenzene (C10.1)

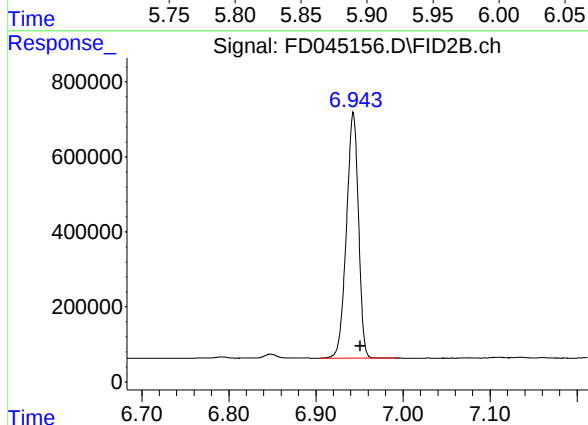
R.T.: 4.362 min  
Delta R.T.: -0.005 min  
Response: 5223033  
Conc: 34.89 ug/ml

Instrument :  
FID\_D  
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PB151036BS



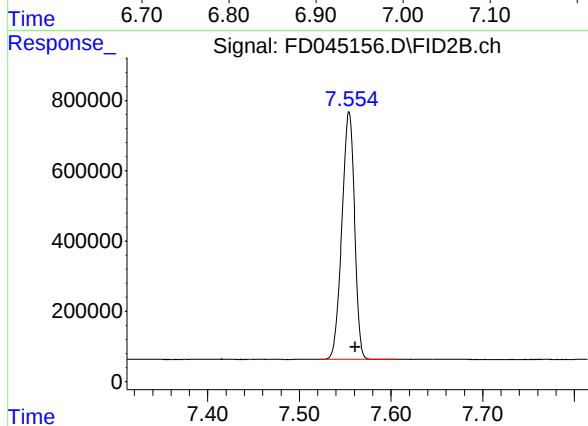
#2 Naphthalene (C11.7)

R.T.: 5.893 min  
Delta R.T.: -0.007 min  
Response: 6153215  
Conc: 39.19 ug/ml



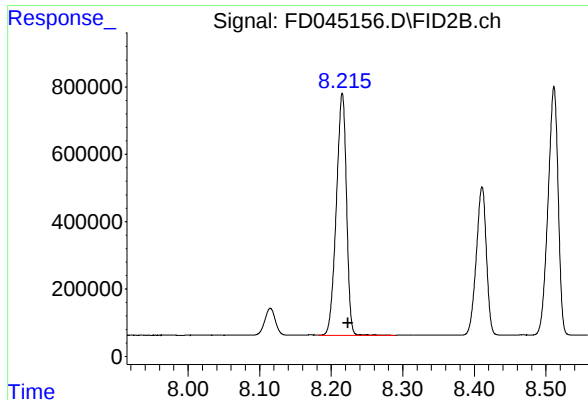
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min  
Delta R.T.: -0.008 min  
Response: 6300741  
Conc: 40.27 ug/ml



#4 2-Bromonaphthalene (SURR)

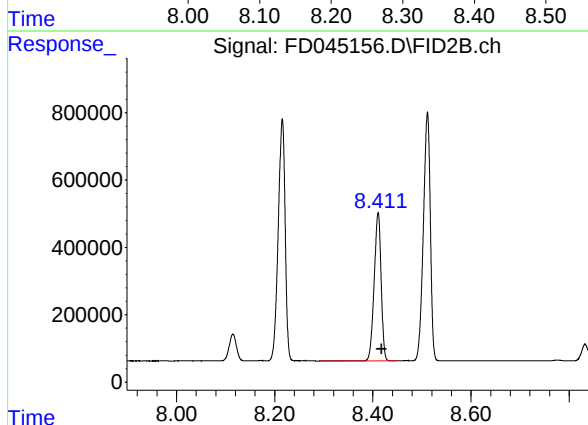
R.T.: 7.554 min  
Delta R.T.: -0.007 min  
Response: 6758595  
Conc: 50.39 ug/ml



#5 Acenaphthylene (C15.06)

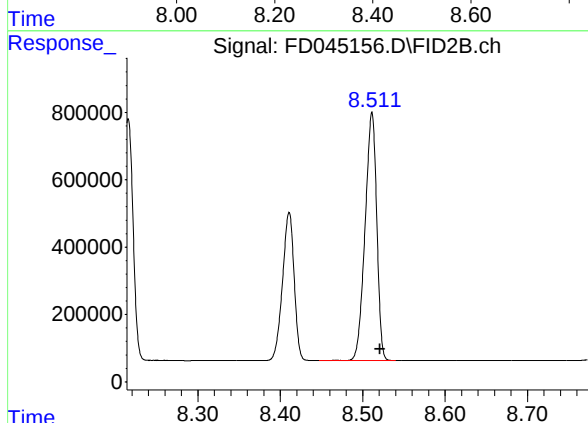
R.T.: 8.215 min  
Delta R.T.: -0.008 min  
Response: 7095020  
Conc: 49.69 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB151036BS



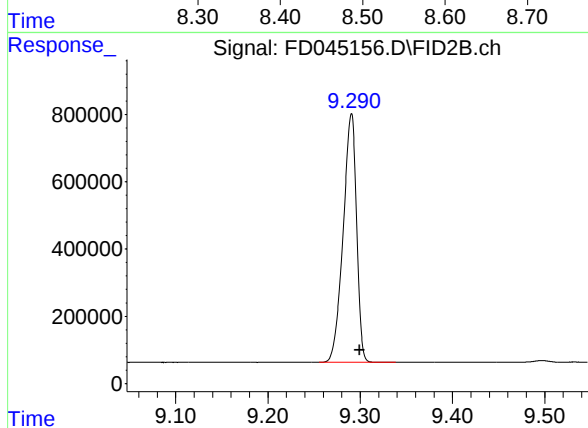
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min  
Delta R.T.: -0.008 min  
Response: 4331861  
Conc: 48.34 ug/ml



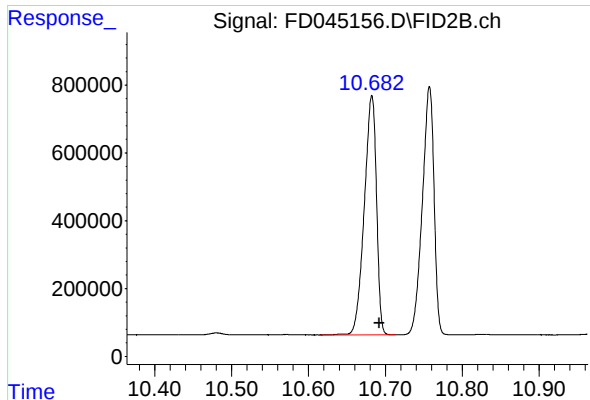
#7 Acenaphthene (C15.5)

R.T.: 8.511 min  
Delta R.T.: -0.010 min  
Response: 7254104  
Conc: 48.11 ug/ml



#8 Flouorene (C16.55)

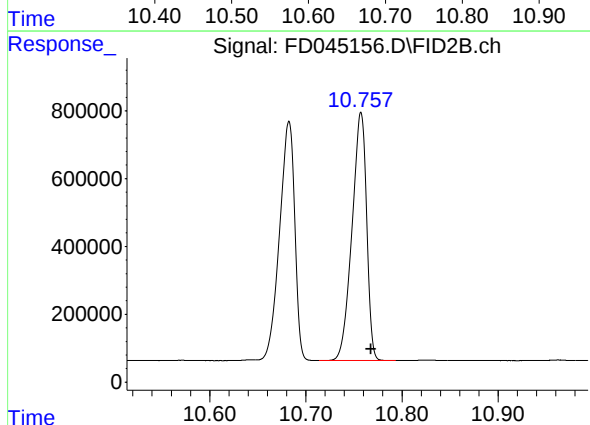
R.T.: 9.290 min  
Delta R.T.: -0.009 min  
Response: 7472146  
Conc: 50.69 ug/ml



#9 Phenanthrene (C19.36)

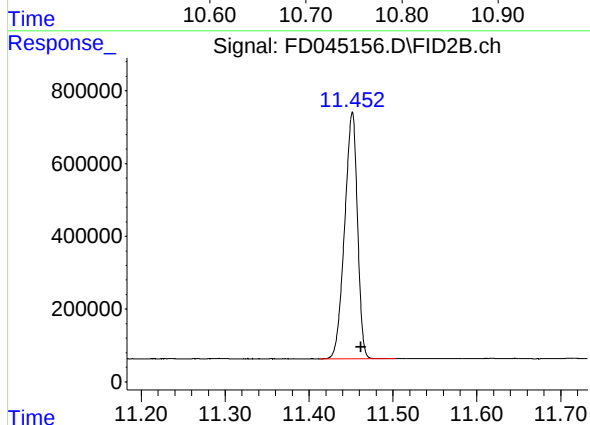
R.T.: 10.682 min  
Delta R.T.: -0.010 min  
Response: 7789591  
Conc: 53.81 ug/ml

Instrument :  
FID\_D  
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PB151036BS



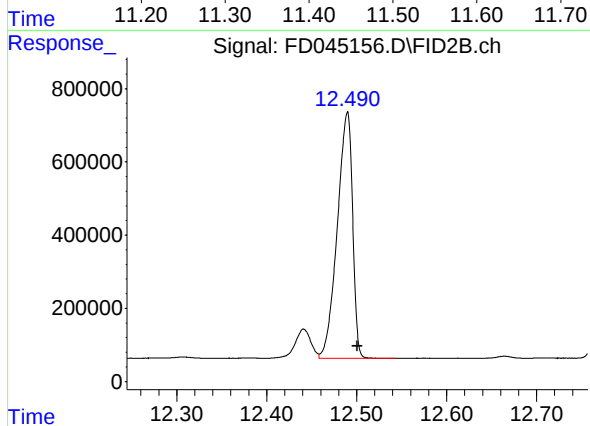
#10 Anthracene (C19.43)

R.T.: 10.757 min  
Delta R.T.: -0.011 min  
Response: 7740435  
Conc: 57.17 ug/ml



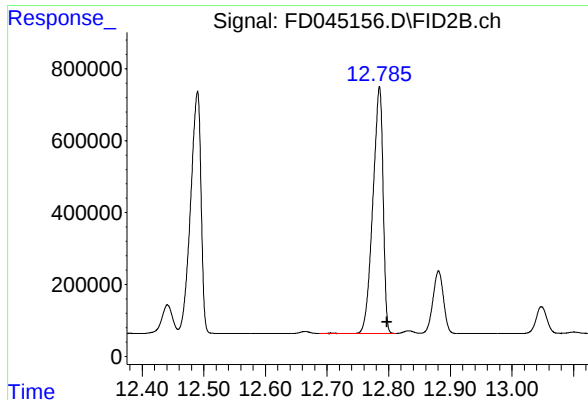
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min  
Delta R.T.: -0.011 min  
Response: 7226995  
Conc: 42.97 ug/ml



#12 Fluoranthene (C21.85)

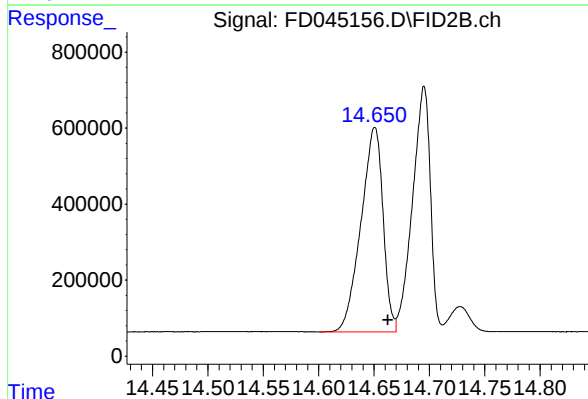
R.T.: 12.489 min  
Delta R.T.: -0.011 min  
Response: 7945251  
Conc: 55.43 ug/ml



#13 Pyrene (C20.8)

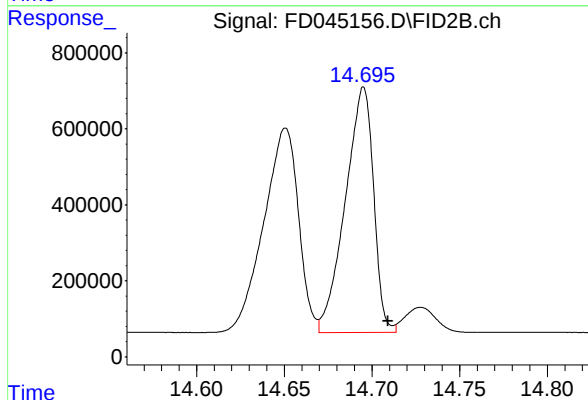
R.T.: 12.785 min  
Delta R.T.: -0.012 min  
Response: 7900946  
Conc: 56.42 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB151036BS



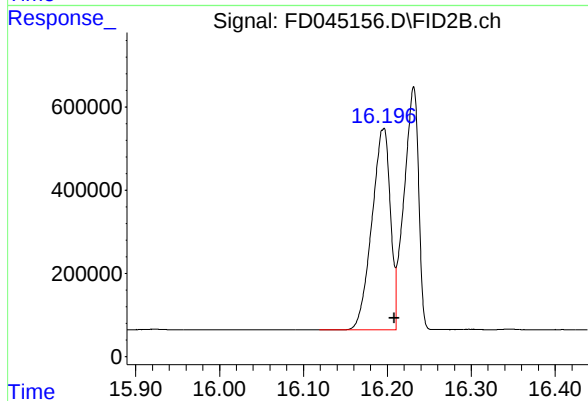
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min  
Delta R.T.: -0.012 min  
Response: 7446191  
Conc: 58.53 ug/ml



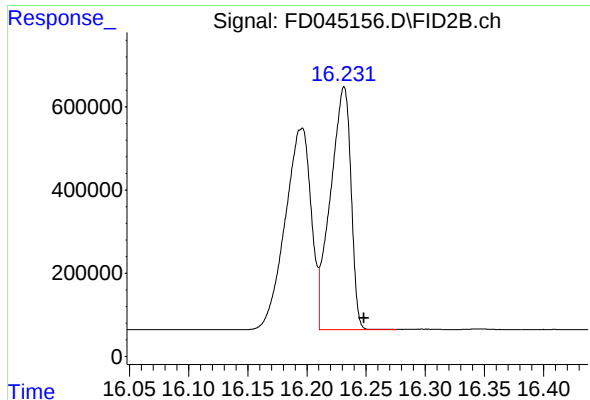
#15 Chrysene (C27.41)

R.T.: 14.695 min  
Delta R.T.: -0.014 min  
Response: 7256715  
Conc: 54.80 ug/ml



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

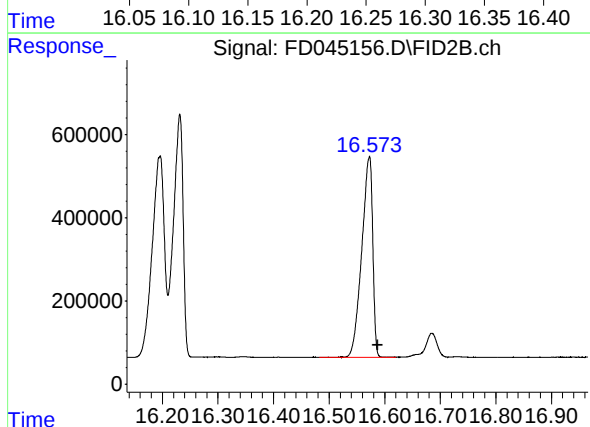
R.T.: 16.195 min  
Delta R.T.: -0.013 min  
Response: 7403488  
Conc: 56.45 ug/ml



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

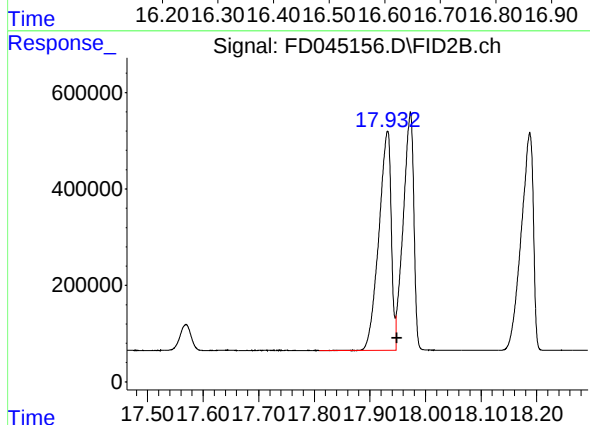
R.T.: 16.231 min  
Delta R.T.: -0.017 min  
Response: 7035892  
Conc: 54.26 ug/ml

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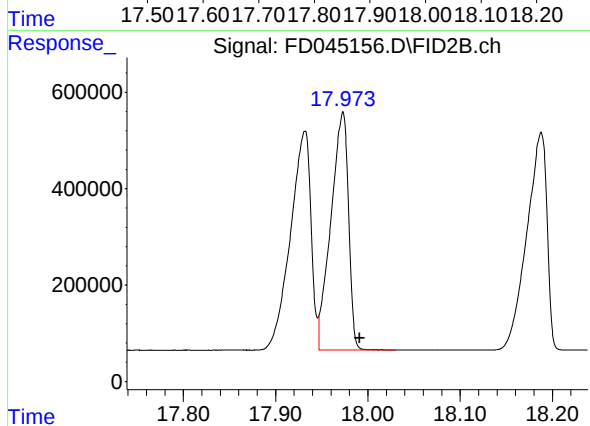
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min  
Delta R.T.: -0.016 min  
Response: 6602281  
Conc: 51.44 ug/ml



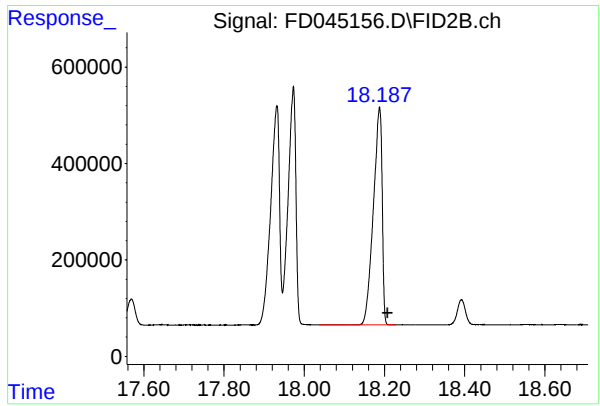
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.931 min  
Delta R.T.: -0.018 min  
Response: 7044545  
Conc: 56.08 ug/ml



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

R.T.: 17.972 min  
Delta R.T.: -0.019 min  
Response: 6540512  
Conc: 53.48 ug/ml



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

R.T.: 18.187 min

Delta R.T.: -0.021 min

Response: 6865733

Conc: 54.12 ug/ml

Instrument :

FID\_D

ClientSampleId :

PB151036BS