

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022323AR\  
 Data File : FD045147.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Feb 2023 00:20  
 Operator : YP/AJ  
 Sample : 01657-01MS  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 24 06:38:46 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...      | 7.556  | 6200150    | 46.228 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 92.46%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.412  | 4123364    | 46.009 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 92.02%       |
| 11) S ortho-Terphenyl (SURR)       | 11.451 | 4756231    | 28.279 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 56.56%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.363  | 4420869    | 29.529 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.894  | 5062847    | 32.246 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.943  | 5111728    | 32.673 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.215  | 5499412    | 38.516 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.511  | 5540704    | 36.743 ug/ml |
| 8) T Fluorene (C16.55)             | 9.290  | 5661633    | 38.410 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.682 | 5659039    | 39.093 ug/ml |
| 10) T Anthracene (C19.43)          | 10.756 | 5544936    | 40.955 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.487 | 5560583    | 38.795 ug/ml |
| 13) T Pyrene (C20.8)               | 12.782 | 5456071    | 38.965 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.648 | 5066999    | 39.829 ug/ml |
| 15) T Chrysene (C27.41)            | 14.692 | 5028638    | 37.977 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.224 | 4771806    | 36.384 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.224 | 4771806    | 36.797 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.567 | 4482144    | 34.919 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.968 | 4673500    | 37.208 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.968 | 4673500    | 38.211 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.182 | 4789581    | 37.752 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

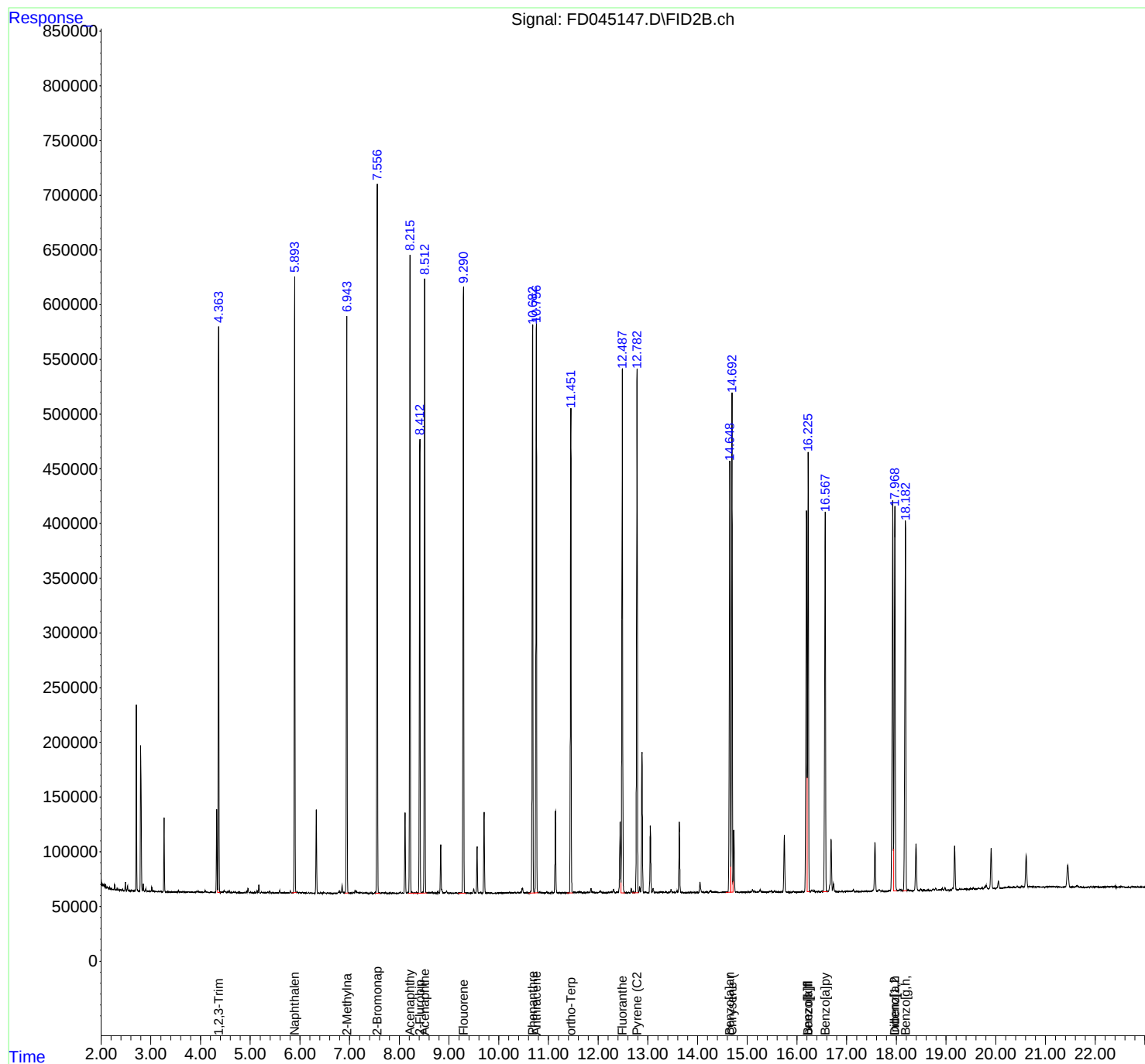
(m)=manual int.

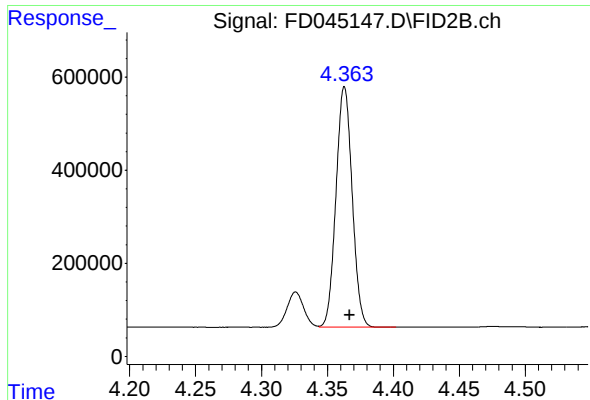
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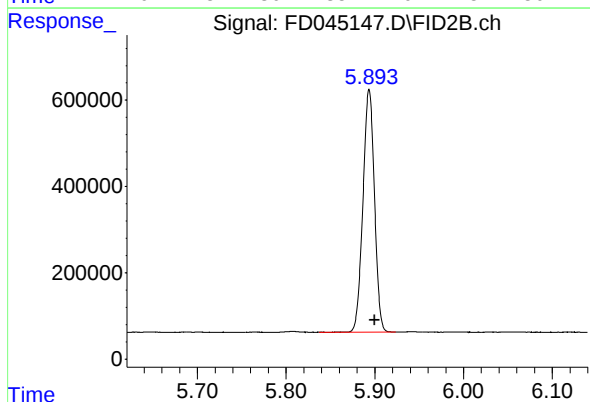
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.363 min  
Delta R.T.: -0.004 min  
Response: 4420869  
Conc: 29.53 ug/ml

Instrument :

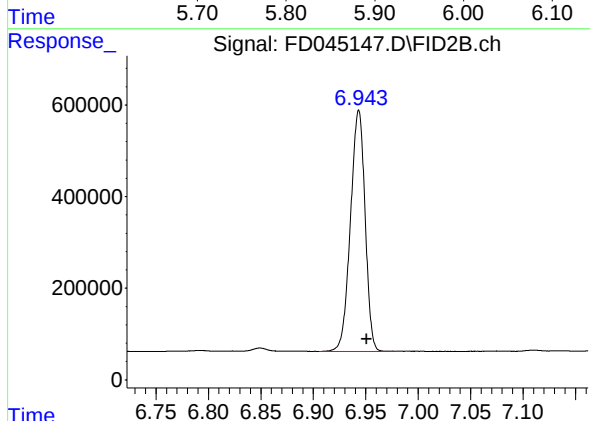
FID\_D

ClientSampleId :



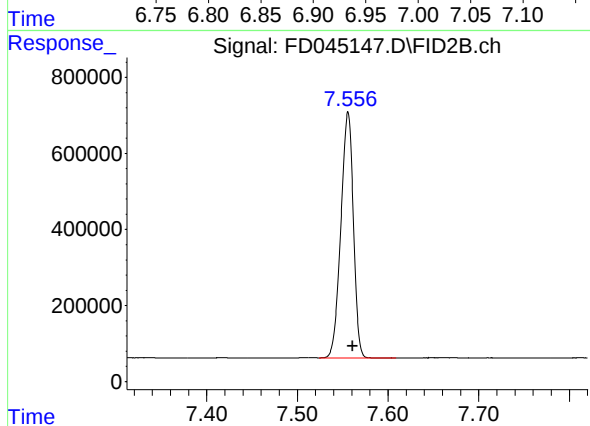
#2 Naphthalene (C11.7)

R.T.: 5.894 min  
Delta R.T.: -0.006 min  
Response: 5062847  
Conc: 32.25 ug/ml



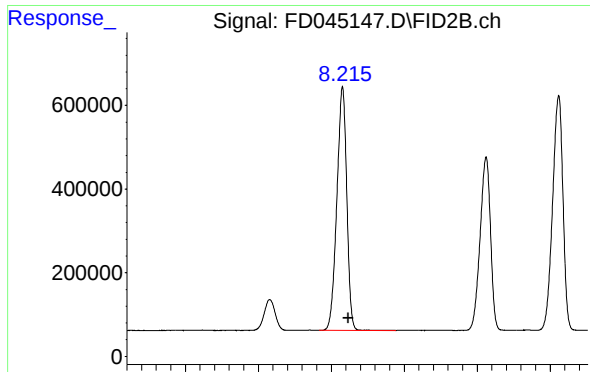
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min  
Delta R.T.: -0.008 min  
Response: 5111728  
Conc: 32.67 ug/ml



#4 2-Bromonaphthalene (SURR)

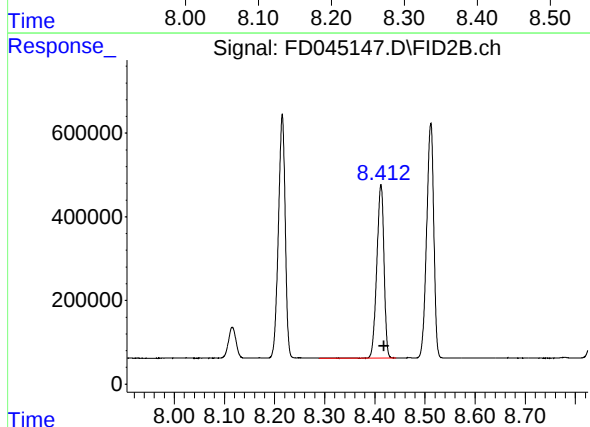
R.T.: 7.556 min  
Delta R.T.: -0.005 min  
Response: 6200150  
Conc: 46.23 ug/ml



#5 Acenaphthylene (C15.06)

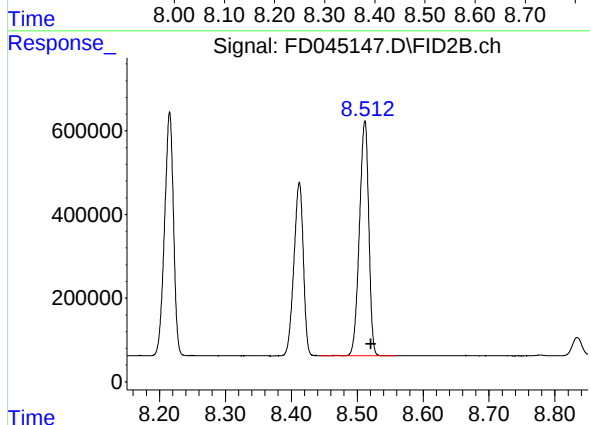
R.T.: 8.215 min  
Delta R.T.: -0.008 min  
Response: 5499412  
Conc: 38.52 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



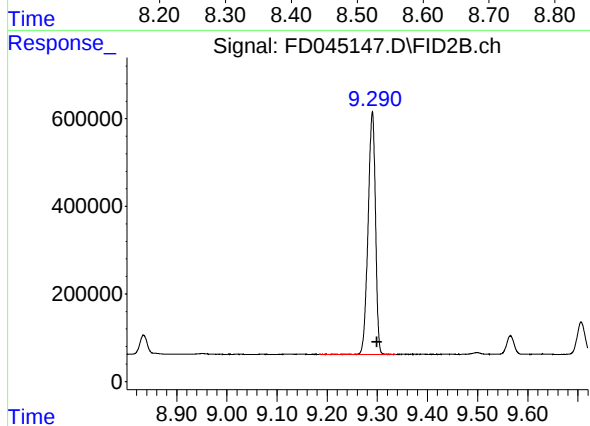
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min  
Delta R.T.: -0.006 min  
Response: 4123364  
Conc: 46.01 ug/ml



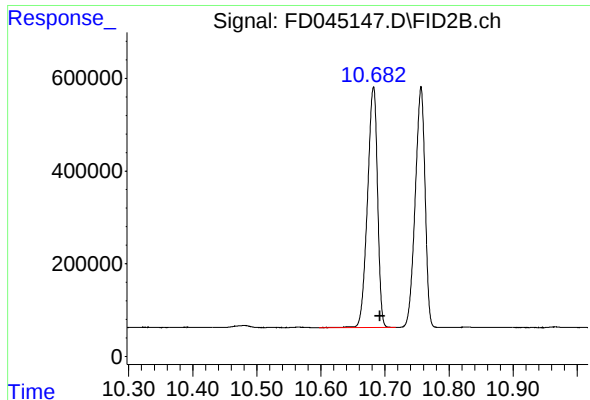
#7 Acenaphthene (C15.5)

R.T.: 8.511 min  
Delta R.T.: -0.010 min  
Response: 5540704  
Conc: 36.74 ug/ml



#8 Flouorene (C16.55)

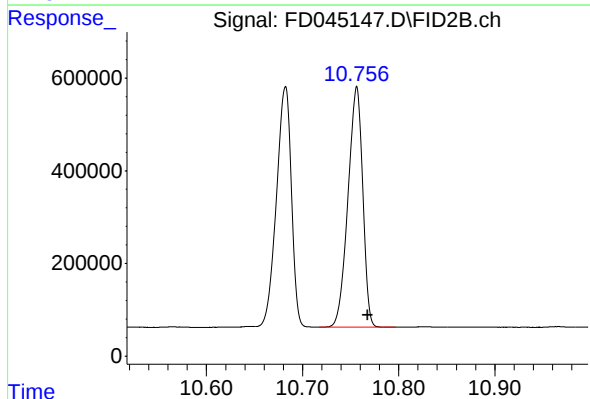
R.T.: 9.290 min  
Delta R.T.: -0.010 min  
Response: 5661633  
Conc: 38.41 ug/ml



#9 Phenanthrene (C19.36)

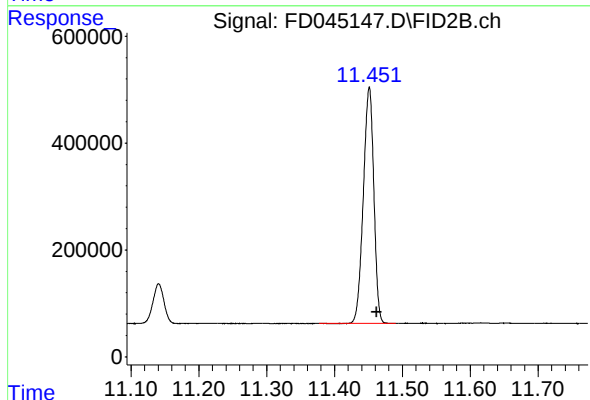
R.T.: 10.682 min  
Delta R.T.: -0.010 min  
Response: 5659039  
Conc: 39.09 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



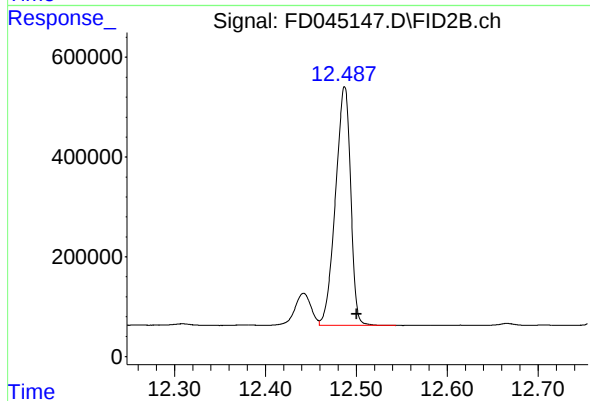
#10 Anthracene (C19.43)

R.T.: 10.756 min  
Delta R.T.: -0.012 min  
Response: 5544936  
Conc: 40.95 ug/ml



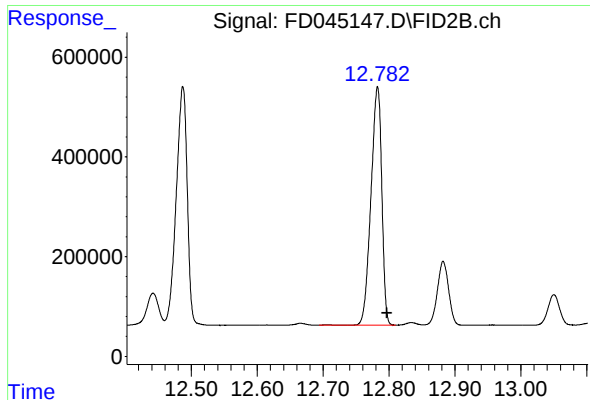
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min  
Delta R.T.: -0.011 min  
Response: 4756231  
Conc: 28.28 ug/ml



#12 Fluoranthene (C21.85)

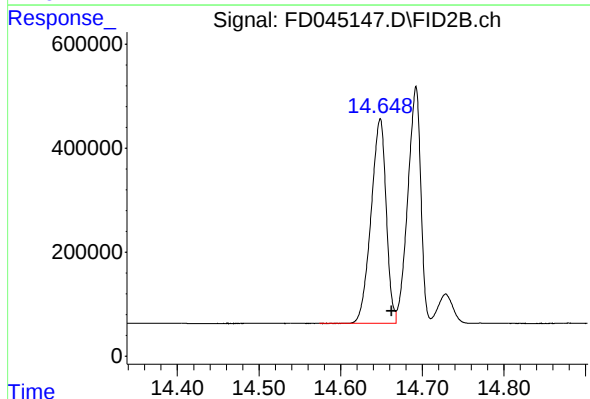
R.T.: 12.487 min  
Delta R.T.: -0.013 min  
Response: 5560583  
Conc: 38.80 ug/ml



#13 Pyrene (C20.8)

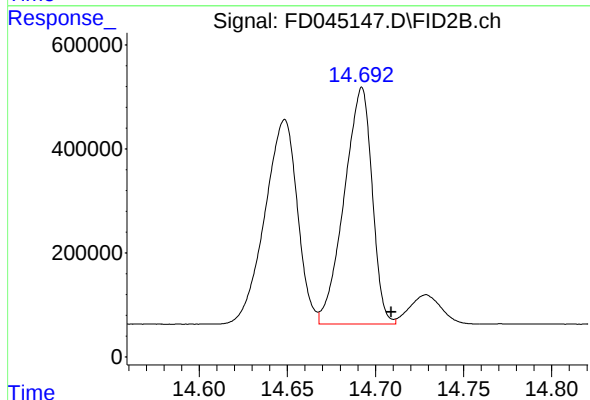
R.T.: 12.782 min  
Delta R.T.: -0.015 min  
Response: 5456071  
Conc: 38.96 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



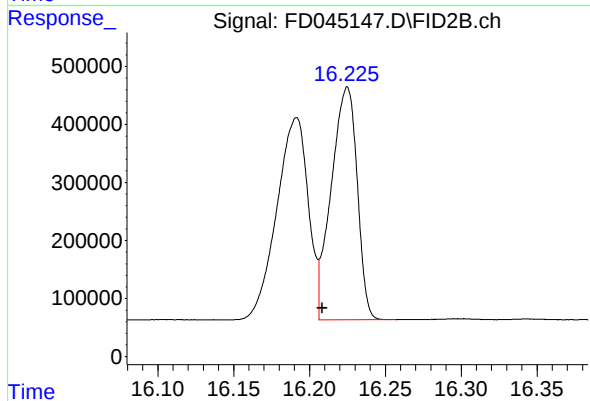
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.648 min  
Delta R.T.: -0.014 min  
Response: 5066999  
Conc: 39.83 ug/ml



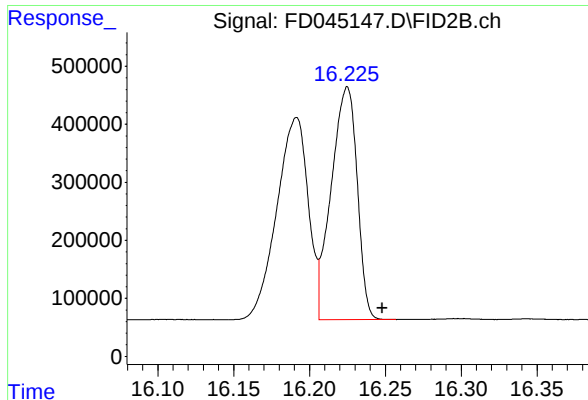
#15 Chrysene (C27.41)

R.T.: 14.692 min  
Delta R.T.: -0.017 min  
Response: 5028638  
Conc: 37.98 ug/ml



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

R.T.: 16.224 min  
Delta R.T.: 0.016 min  
Response: 4771806  
Conc: 36.38 ug/ml



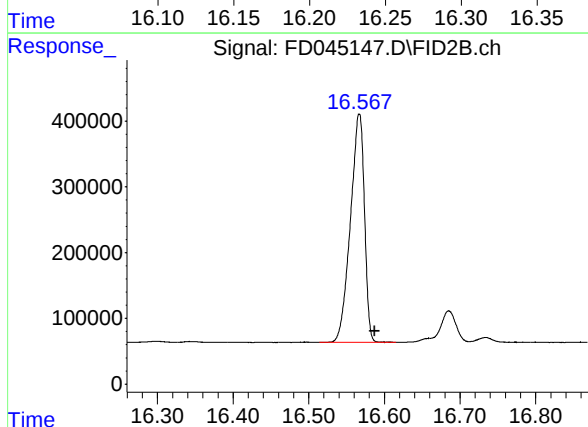
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.224 min  
Delta R.T.: -0.024 min  
Response: 4771806  
Conc: 36.80 ug/ml

Instrument :

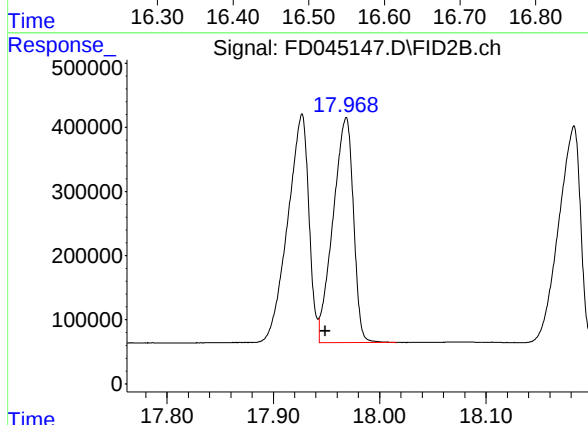
FID\_D

ClientSampleId :



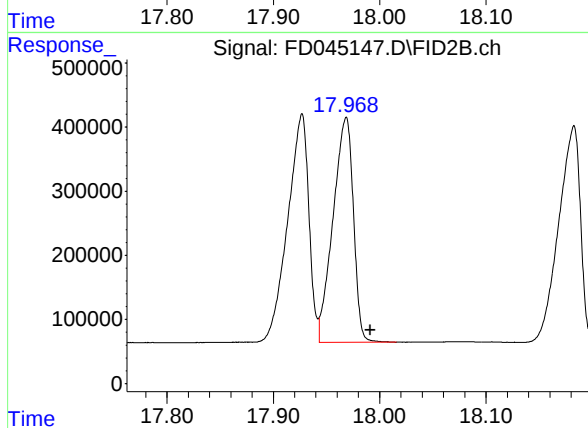
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min  
Delta R.T.: -0.021 min  
Response: 4482144  
Conc: 34.92 ug/ml



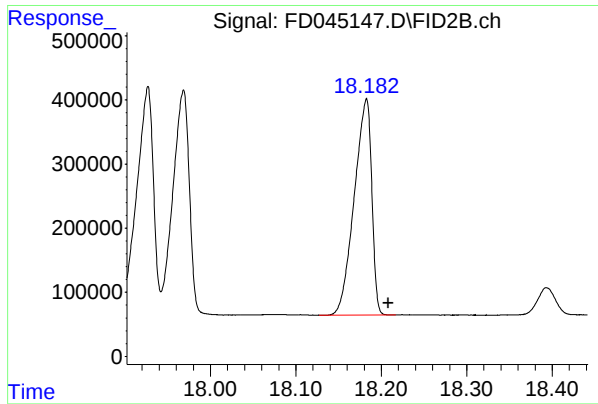
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.968 min  
Delta R.T.: 0.019 min  
Response: 4673500  
Conc: 37.21 ug/ml



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

R.T.: 17.968 min  
Delta R.T.: -0.023 min  
Response: 4673500  
Conc: 38.21 ug/ml



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

R.T.: 18.182 min  
Delta R.T.: -0.026 min  
Response: 4789581  
Conc: 37.75 ug/ml

Instrument :

FID\_D

ClientSampleId :