

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF051424AR\  
 Data File : FF014228.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 May 2024 14:37  
 Operator : YP\AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e  
 Quant Time: May 14 15:53:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 051424.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 14 15:49:59 2024  
 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...      | 7.907  | 10831175   | 102.313 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 204.63%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.779  | 6772515    | 106.052 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 212.10%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.845 | 13337016   | 98.987 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 197.97%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.520  | 11607378   | 99.558 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.185  | 11959340   | 101.770 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.281  | 11484818   | 102.156 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.580  | 11266817   | 101.440 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.882  | 12329389   | 100.206 ug/ml |
| 8) T Flouorene (C16.55)            | 9.669  | 11008198   | 102.872 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.074 | 10578053   | 102.074 ug/ml |
| 10) T Anthracene (C19.43)          | 11.148 | 8785721    | 98.313 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.895 | 11246371   | 100.602 ug/ml |
| 13) T Pyrene (C20.8)               | 13.194 | 10919513   | 101.142 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.072 | 8592224    | 105.672 ug/ml |
| 15) T Chrysene (C27.41)            | 15.119 | 9756255    | 95.336 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.634 | 10483642   | 101.826 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.672 | 10290972   | 96.124 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.017 | 10263517   | 99.804 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.393 | 10704202   | 110.248 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.428 | 9188573    | 92.068 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.653 | 11618471   | 97.729 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

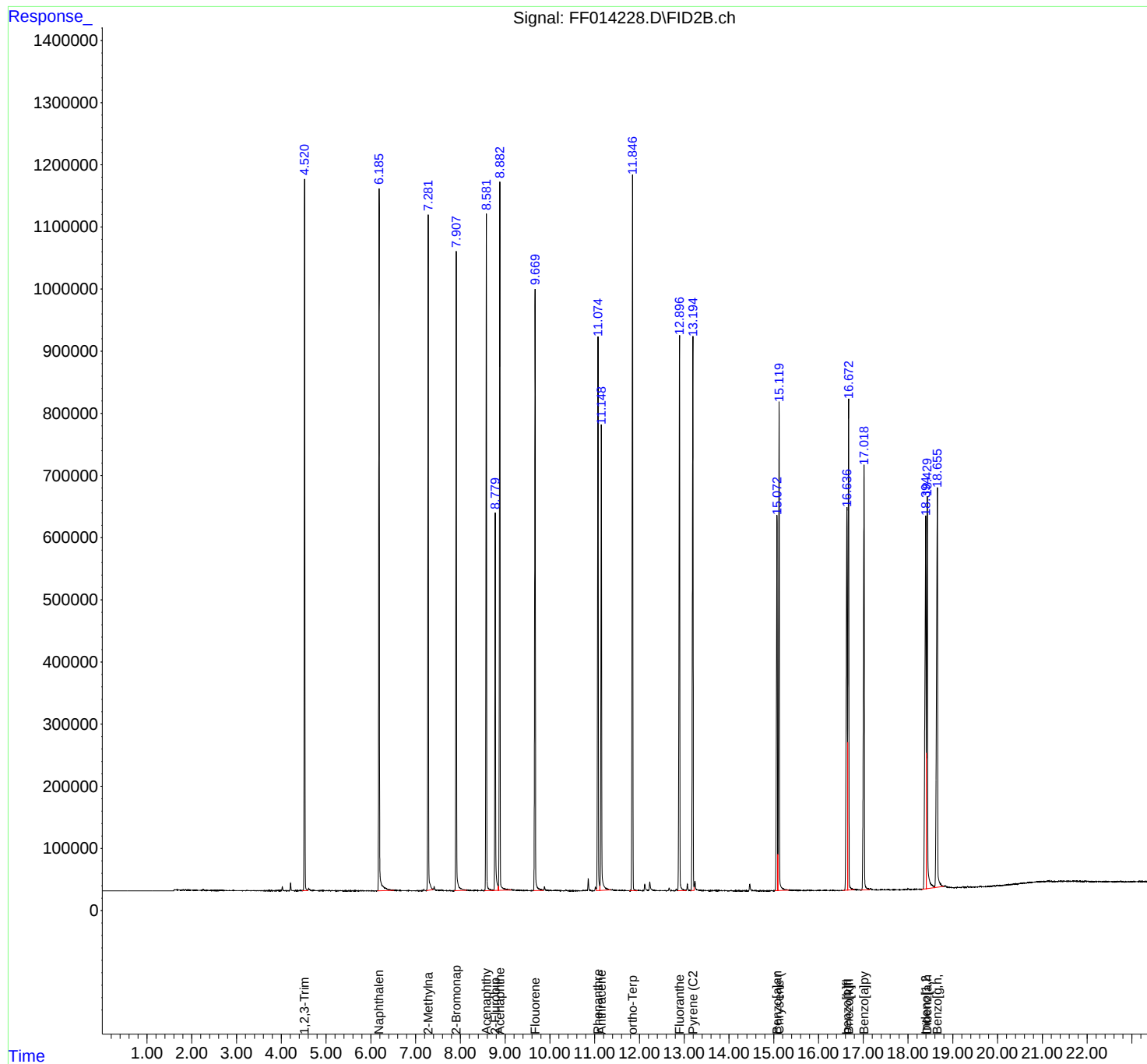
(m)=manual int.

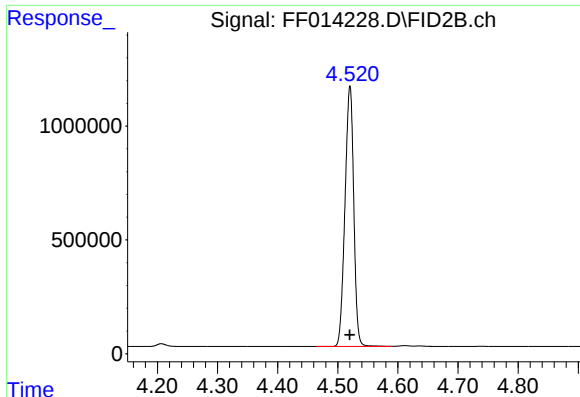
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF051424AR\  
Data File : FF014228.D  
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Acq On : 14 May 2024 14:37  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





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

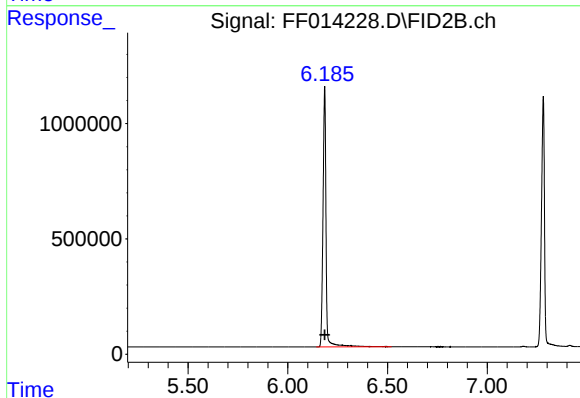
R.T.: 4.520 min  
Delta R.T.: 0.000 min  
Response: 11607378  
Conc: 99.56 ug/ml

Instrument :

FID\_F

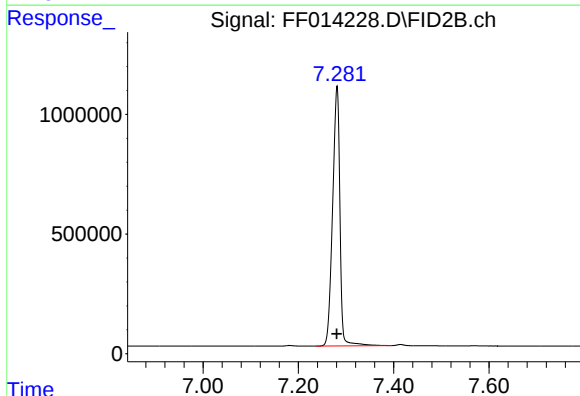
ClientSampleId :

100 PPM AROMATIC HC STD1



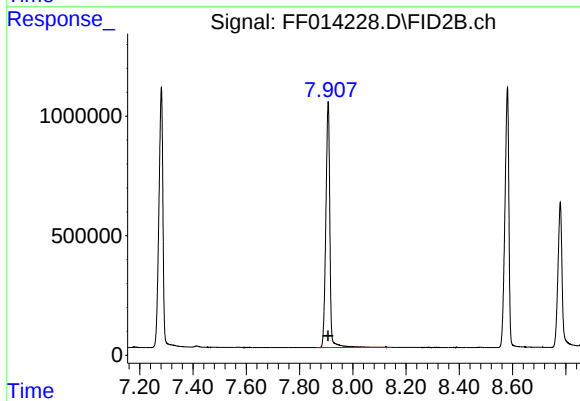
#2 Naphthalene (C11.7)

R.T.: 6.185 min  
Delta R.T.: 0.000 min  
Response: 11959340  
Conc: 101.77 ug/ml



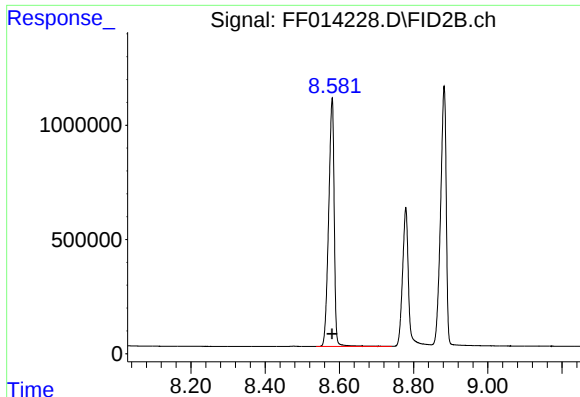
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.281 min  
Delta R.T.: 0.000 min  
Response: 11484818  
Conc: 102.16 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.907 min  
Delta R.T.: 0.000 min  
Response: 10831175  
Conc: 102.31 ug/ml



#5 Acenaphthylene (C15.06)

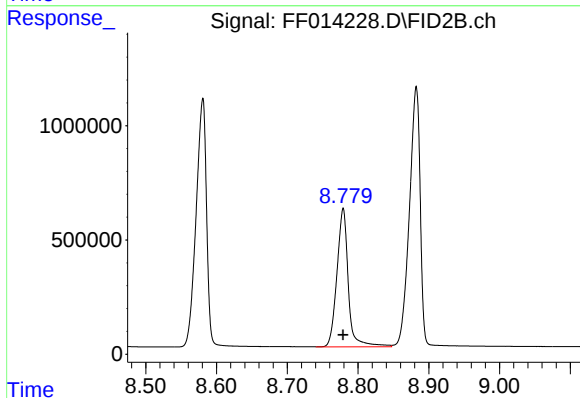
R.T.: 8.580 min  
Delta R.T.: 0.000 min  
Response: 11266817  
Conc: 101.44 ug/ml

Instrument :

FID\_F

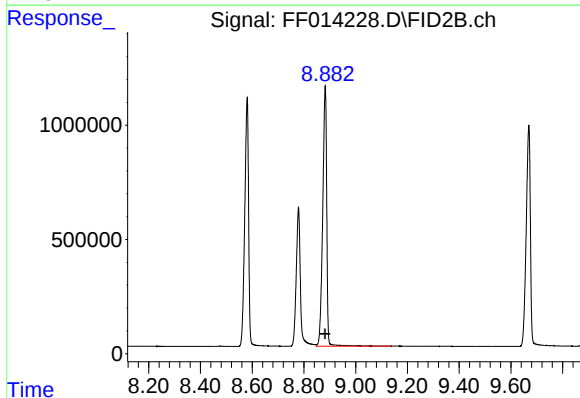
ClientSampleId :

100 PPM AROMATIC HC STD1



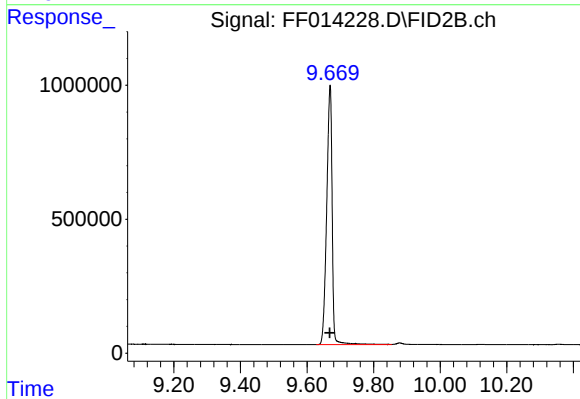
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.779 min  
Delta R.T.: 0.000 min  
Response: 6772515  
Conc: 106.05 ug/ml



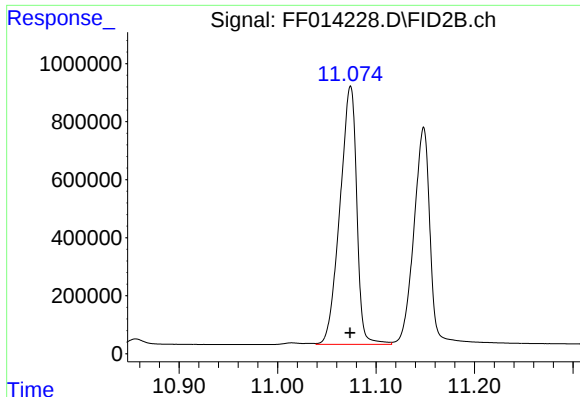
#7 Acenaphthene (C15.5)

R.T.: 8.882 min  
Delta R.T.: 0.000 min  
Response: 12329389  
Conc: 100.21 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.669 min  
Delta R.T.: 0.000 min  
Response: 11008198  
Conc: 102.87 ug/ml



#9 Phenanthrene (C19.36)

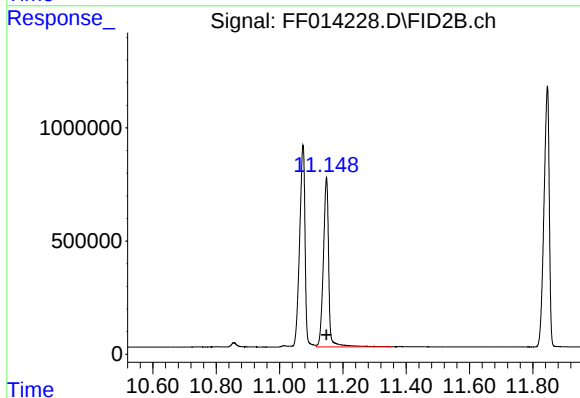
R.T.: 11.074 min  
Delta R.T.: 0.000 min  
Response: 10578053  
Conc: 102.07 ug/ml

Instrument :

FID\_F

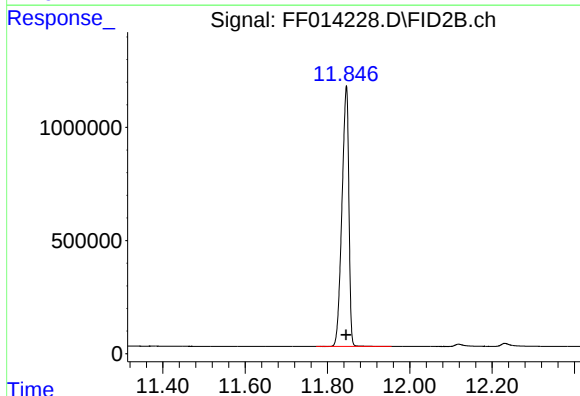
ClientSampleId :

100 PPM AROMATIC HC STD1



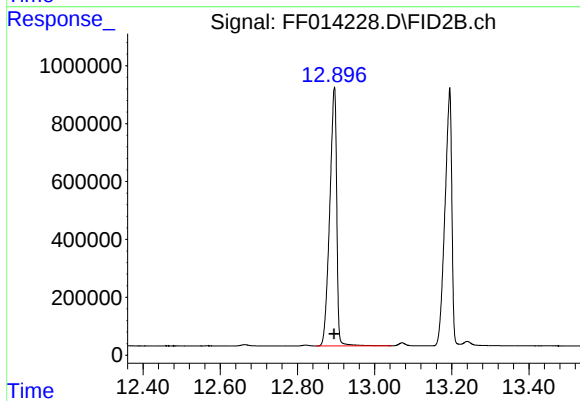
#10 Anthracene (C19.43)

R.T.: 11.148 min  
Delta R.T.: 0.000 min  
Response: 8785721  
Conc: 98.31 ug/ml



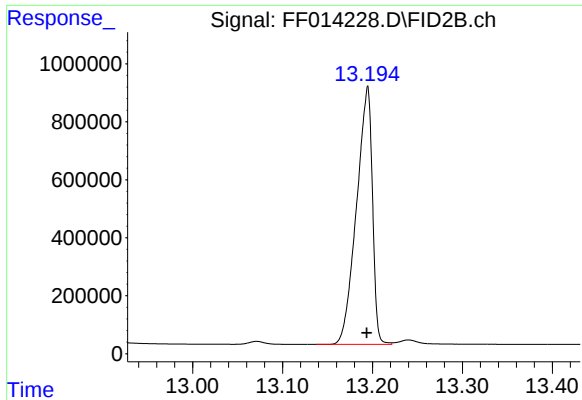
#11 ortho-Terphenyl (SURR)

R.T.: 11.845 min  
Delta R.T.: 0.000 min  
Response: 13337016  
Conc: 98.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.895 min  
Delta R.T.: 0.000 min  
Response: 11246371  
Conc: 100.60 ug/ml



#13 Pyrene (C20.8)

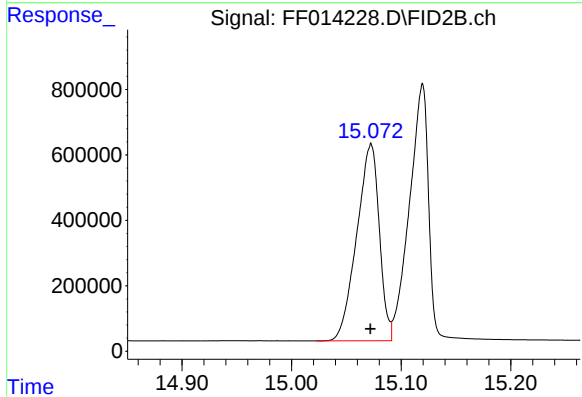
R.T.: 13.194 min  
Delta R.T.: 0.000 min  
Response: 10919513  
Conc: 101.14 ug/ml

Instrument :

FID\_F

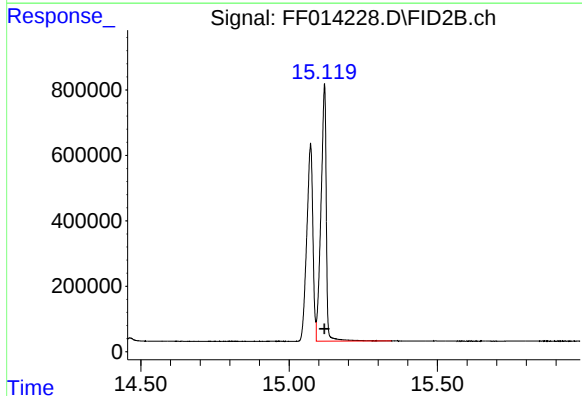
ClientSampleId :

100 PPM AROMATIC HC STD1



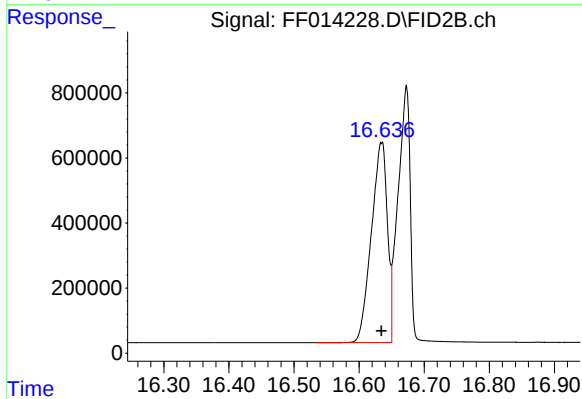
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.072 min  
Delta R.T.: 0.000 min  
Response: 8592224  
Conc: 105.67 ug/ml



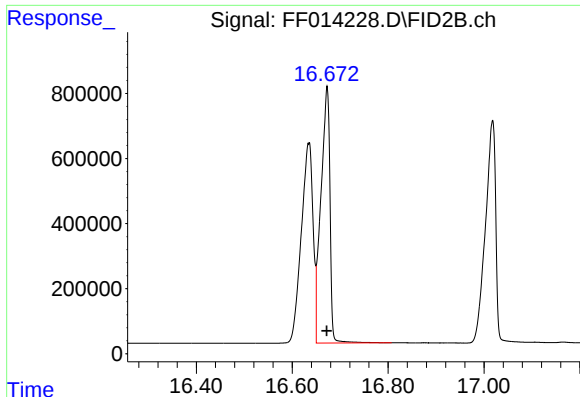
#15 Chrysene (C27.41)

R.T.: 15.119 min  
Delta R.T.: 0.000 min  
Response: 9756255  
Conc: 95.34 ug/ml



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

R.T.: 16.634 min  
Delta R.T.: 0.000 min  
Response: 10483642  
Conc: 101.83 ug/ml



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

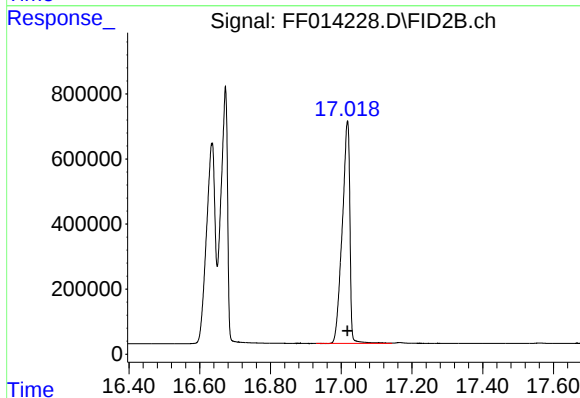
R.T.: 16.672 min  
Delta R.T.: 0.000 min  
Response: 10290972  
Conc: 96.12 ug/ml

Instrument :

FID\_F

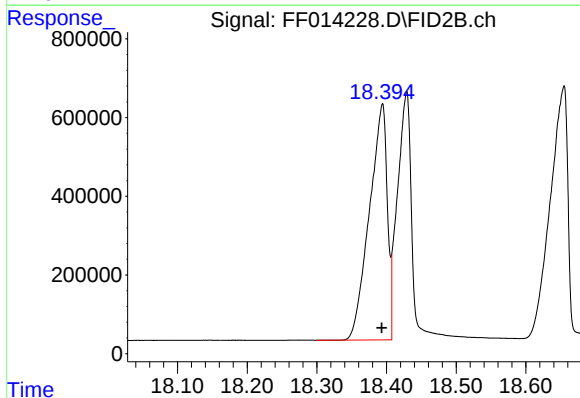
ClientSampleId :

100 PPM AROMATIC HC STD1



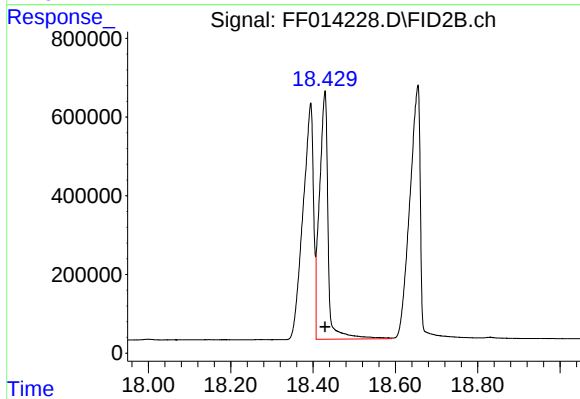
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.017 min  
Delta R.T.: 0.000 min  
Response: 10263517  
Conc: 99.80 ug/ml



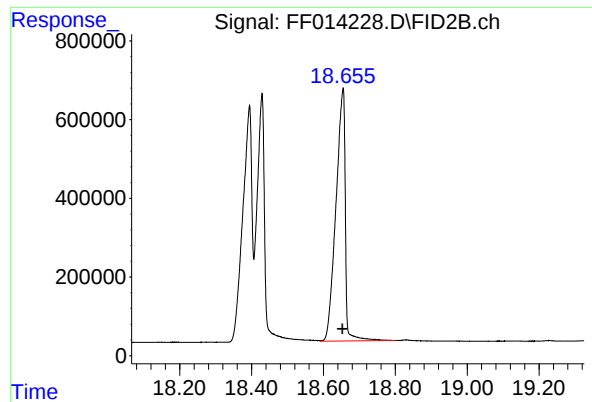
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.393 min  
Delta R.T.: 0.000 min  
Response: 10704202  
Conc: 110.25 ug/ml



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

R.T.: 18.428 min  
Delta R.T.: -0.001 min  
Response: 9188573  
Conc: 92.07 ug/ml



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

R.T.: 18.653 min  
Delta R.T.: 0.000 min  
Response: 11618471  
Conc: 97.73 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
100 PPM AROMATIC HC STD1