

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100223AR\  
 Data File : FD046609.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Oct 2023 18:04  
 Operator : YP/AJ  
 Sample : PB156025BSD  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB156025BSD

Integration File: autoint1.e  
 Quant Time: Oct 03 00:31:52 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

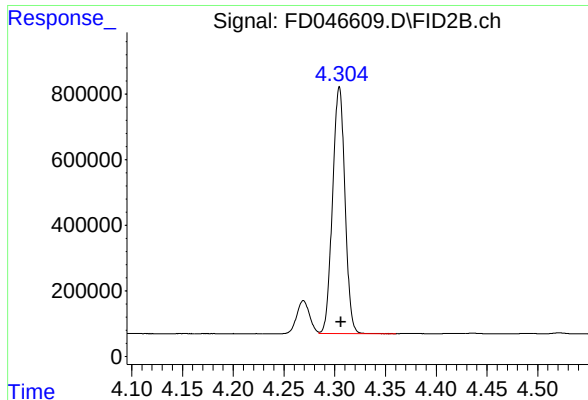
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.492  | 9640955    | 54.708 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 109.42%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.346  | 6135168    | 52.954 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 105.91%      |
| 11) S ortho-Terphenyl (SURR)       | 11.384 | 10901549   | 53.510 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 107.02%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.304  | 6415485    | 34.735 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.830  | 7536777    | 39.003 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.879  | 7943234    | 40.990 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.149  | 8487400    | 48.135 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.445  | 8407529    | 44.746 ug/ml |
| 8) T Fluorene (C16.55)             | 9.223  | 8689853    | 48.173 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.613 | 8845224    | 50.307 ug/ml |
| 10) T Anthracene (C19.43)          | 10.688 | 8644842    | 56.283 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.417 | 9009166    | 52.858 ug/ml |
| 13) T Pyrene (C20.8)               | 12.712 | 9056912    | 55.209 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.574 | 8185957    | 58.625 ug/ml |
| 15) T Chrysene (C27.41)            | 14.620 | 8248453    | 54.337 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.117 | 7794728    | 56.826 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.153 | 7827998    | 56.510 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.493 | 7316627    | 54.692 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.852 | 7279845    | 58.077 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.893 | 6984216    | 52.485 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.107 | 6962853    | 52.800 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

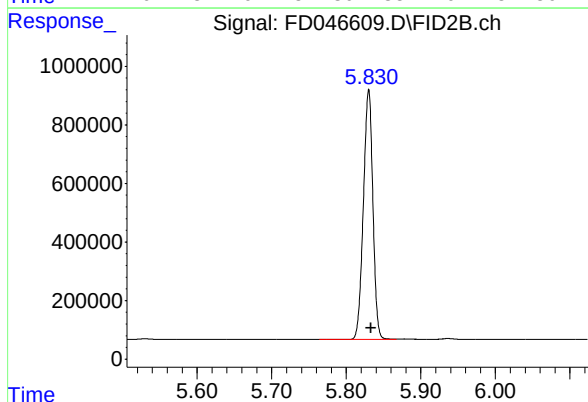




#1 1,2,3-Trimethylbenzene (C10.1)

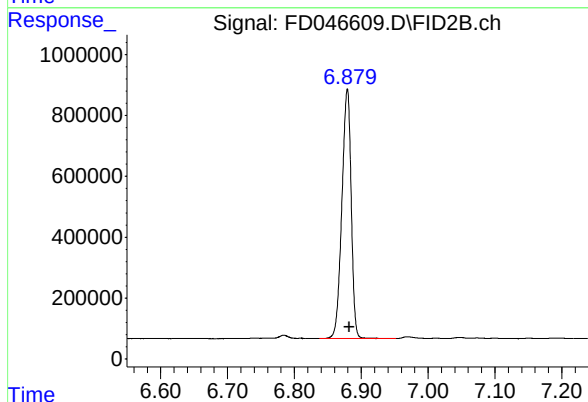
R.T.: 4.304 min  
Delta R.T.: -0.002 min  
Response: 6415485  
Conc: 34.73 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB156025BSD



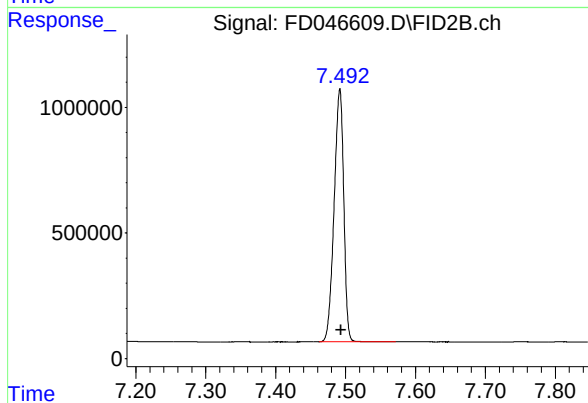
#2 Naphthalene (C11.7)

R.T.: 5.830 min  
Delta R.T.: -0.003 min  
Response: 7536777  
Conc: 39.00 ug/ml



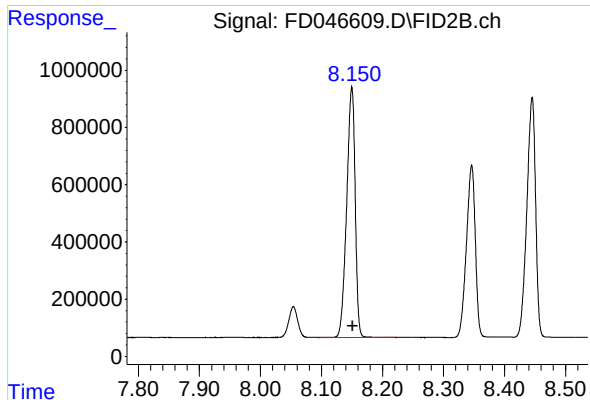
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min  
Delta R.T.: -0.003 min  
Response: 7943234  
Conc: 40.99 ug/ml



#4 2-Bromonaphthalene (SURR)

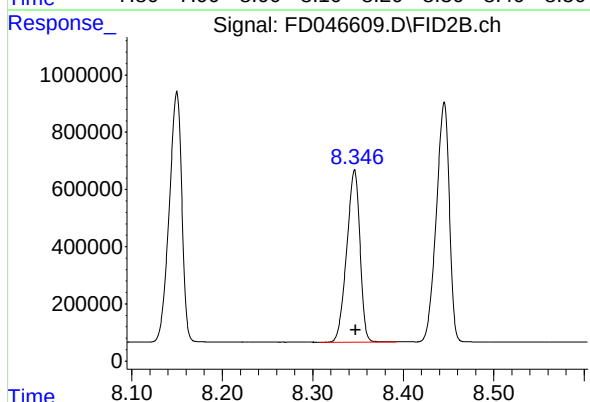
R.T.: 7.492 min  
Delta R.T.: -0.002 min  
Response: 9640955  
Conc: 54.71 ug/ml



#5 Acenaphthylene (C15.06)

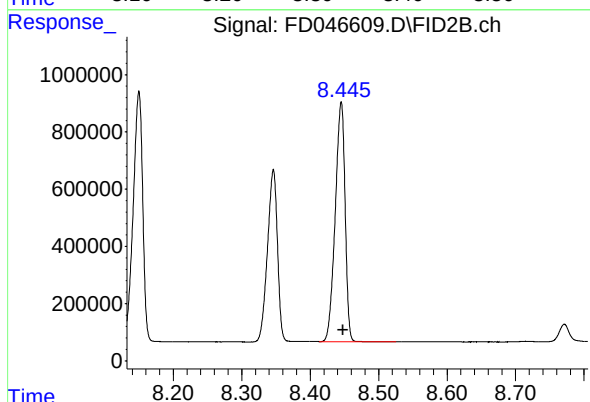
R.T.: 8.149 min  
Delta R.T.: -0.002 min  
Response: 8487400  
Conc: 48.14 ug/ml

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FID\_D  
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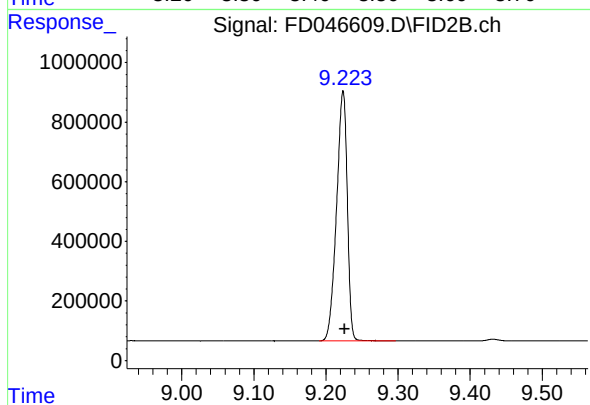
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.346 min  
Delta R.T.: -0.001 min  
Response: 6135168  
Conc: 52.95 ug/ml



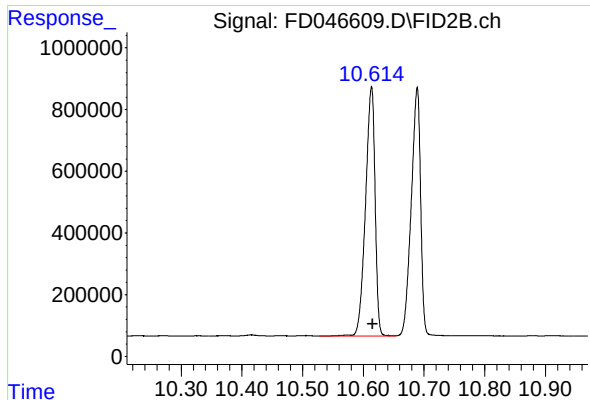
#7 Acenaphthene (C15.5)

R.T.: 8.445 min  
Delta R.T.: -0.003 min  
Response: 8407529  
Conc: 44.75 ug/ml



#8 Flouorene (C16.55)

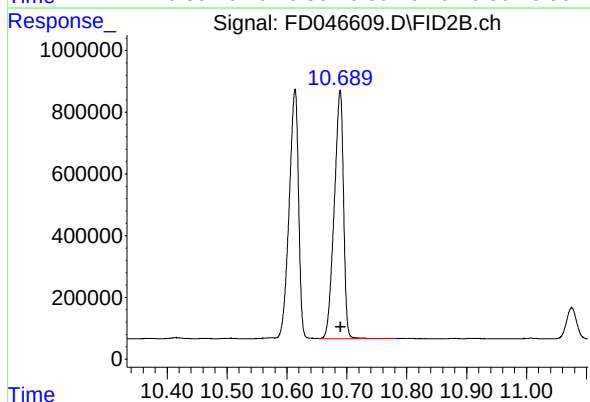
R.T.: 9.223 min  
Delta R.T.: -0.003 min  
Response: 8689853  
Conc: 48.17 ug/ml



#9 Phenanthrene (C19.36)

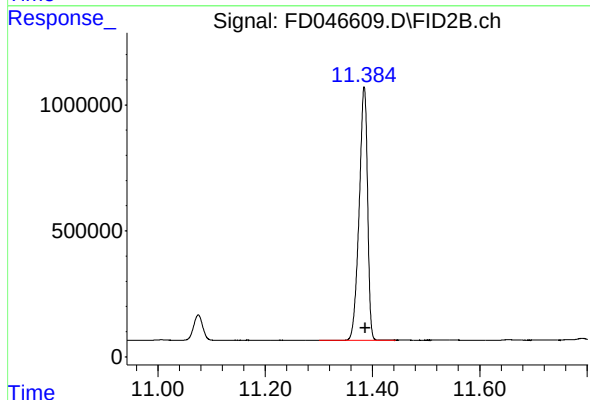
R.T.: 10.613 min  
Delta R.T.: -0.002 min  
Response: 8845224  
Conc: 50.31 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB156025BSD



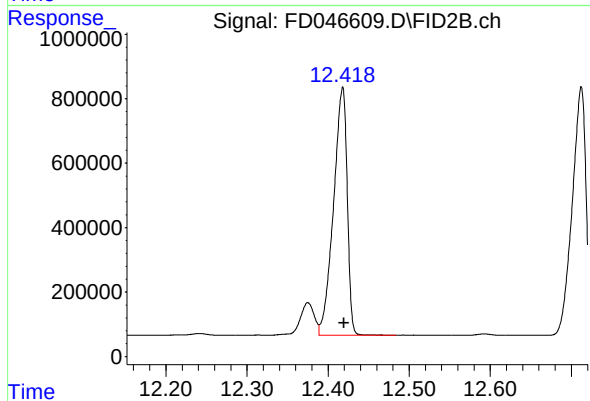
#10 Anthracene (C19.43)

R.T.: 10.688 min  
Delta R.T.: -0.001 min  
Response: 8644842  
Conc: 56.28 ug/ml



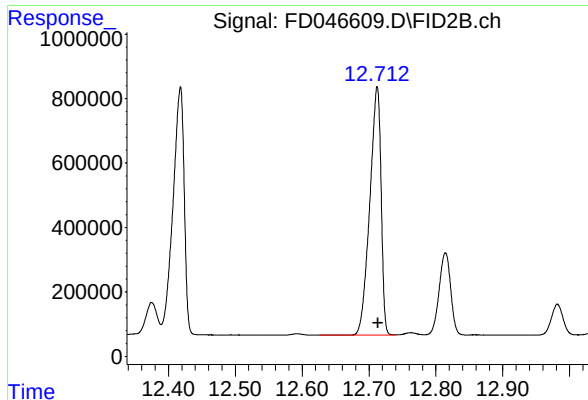
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min  
Delta R.T.: -0.002 min  
Response: 10901549  
Conc: 53.51 ug/ml



#12 Fluoranthene (C21.85)

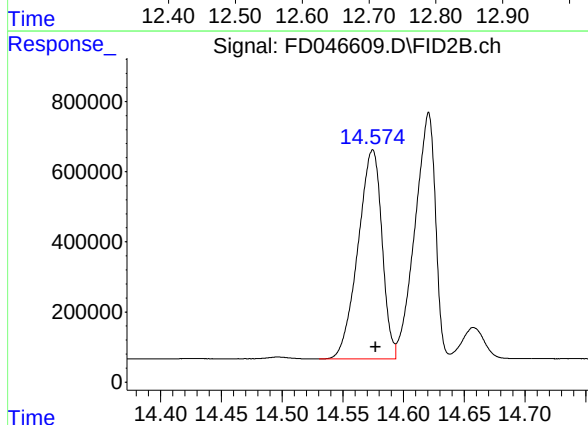
R.T.: 12.417 min  
Delta R.T.: -0.002 min  
Response: 9009166  
Conc: 52.86 ug/ml



#13 Pyrene (C20.8)

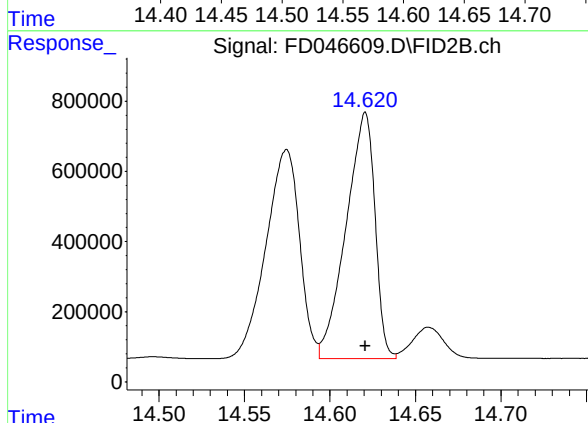
R.T.: 12.712 min  
Delta R.T.: -0.002 min  
Response: 9056912  
Conc: 55.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB156025BSD



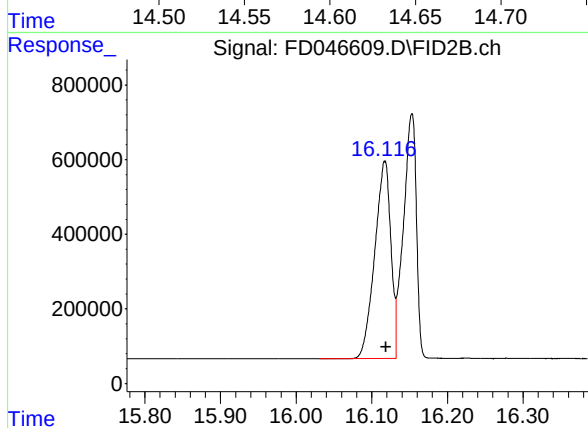
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min  
Delta R.T.: -0.003 min  
Response: 8185957  
Conc: 58.62 ug/ml



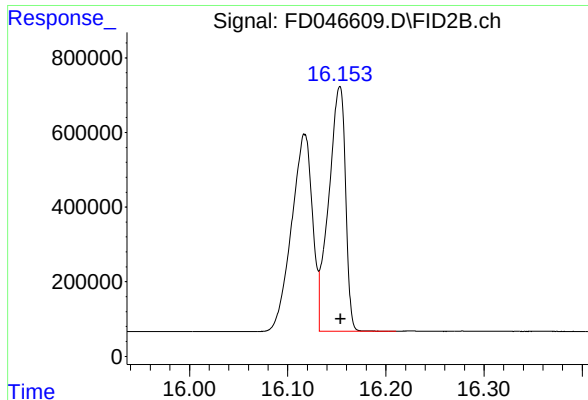
#15 Chrysene (C27.41)

R.T.: 14.620 min  
Delta R.T.: 0.000 min  
Response: 8248453  
Conc: 54.34 ug/ml



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

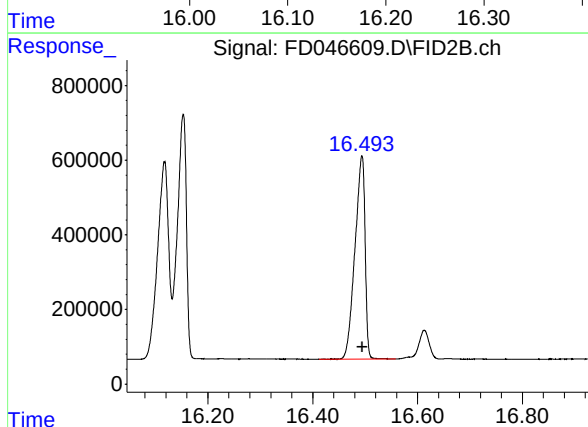
R.T.: 16.117 min  
Delta R.T.: -0.002 min  
Response: 7794728  
Conc: 56.83 ug/ml



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

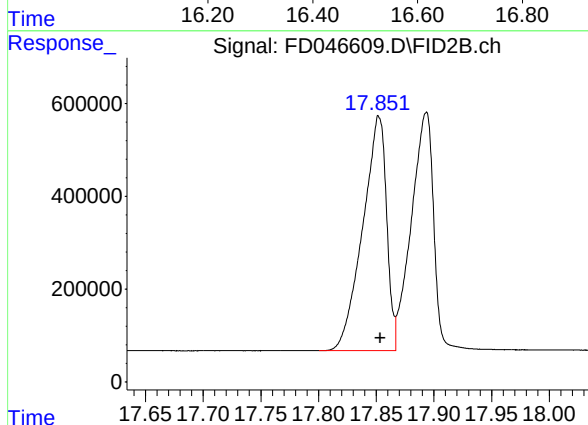
R.T.: 16.153 min  
Delta R.T.: -0.001 min  
Response: 7827998  
Conc: 56.51 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB156025BSD



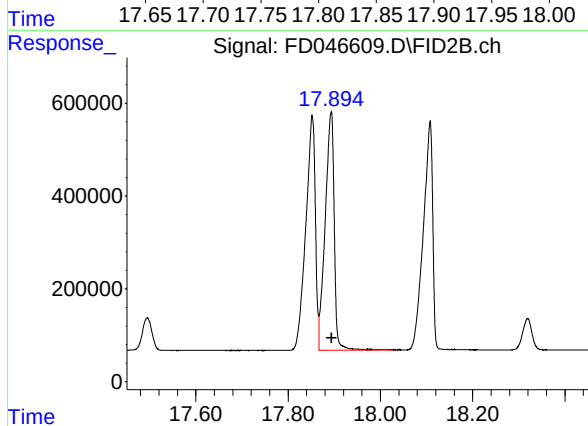
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.493 min  
Delta R.T.: -0.001 min  
Response: 7316627  
Conc: 54.69 ug/ml



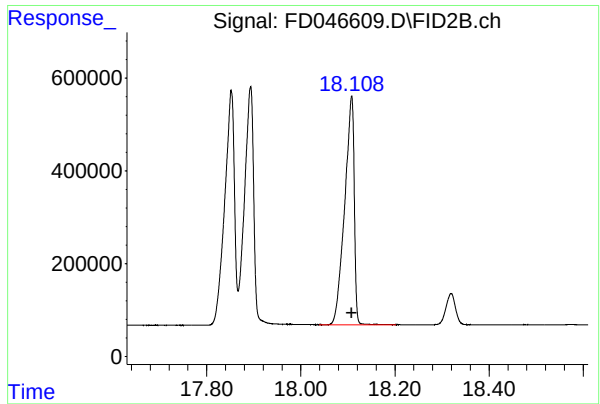
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.852 min  
Delta R.T.: -0.001 min  
Response: 7279845  
Conc: 58.08 ug/ml



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

R.T.: 17.893 min  
Delta R.T.: -0.001 min  
Response: 6984216  
Conc: 52.49 ug/ml



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

R.T.: 18.107 min  
Delta R.T.: -0.001 min  
Response: 6962853  
Conc: 52.80 ug/ml

Instrument :

FID\_D

ClientSampleId :

PB156025BSD