

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG121024AR\  
 Data File : FG014957.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Dec 2024 17:36  
 Operator : YP\AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Dec 10 17:47:26 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 121024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 10 17:47:17 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...      | 7.996  | 566056     | 4.849 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 9.70%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.871  | 371302     | 4.812 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 9.62%       |
| 11) S ortho-Terphenyl (SURR)       | 11.940 | 651100     | 4.939 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 9.88%       |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.602  | 654308     | 4.989 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.271  | 658264     | 4.955 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.368  | 626937     | 4.876 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.671  | 635665     | 4.835 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.970  | 620501     | 4.833 ug/ml |
| 8) T Fluorene (C16.55)             | 9.760  | 614580     | 4.830 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.168 | 601036     | 4.855 ug/ml |
| 10) T Anthracene (C19.43)          | 11.242 | 578144     | 4.878 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.989 | 607063     | 4.886 ug/ml |
| 13) T Pyrene (C20.8)               | 13.287 | 604293     | 4.887 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.167 | 582301     | 4.948 ug/ml |
| 15) T Chrysene (C27.41)            | 15.209 | 615051     | 5.105 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.725 | 607580     | 4.989 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.756 | 641549     | 5.192 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.105 | 593775     | 5.055 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.473 | 584764     | 5.142 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.516 | 752505     | 5.756 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.727 | 667249     | 5.265 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

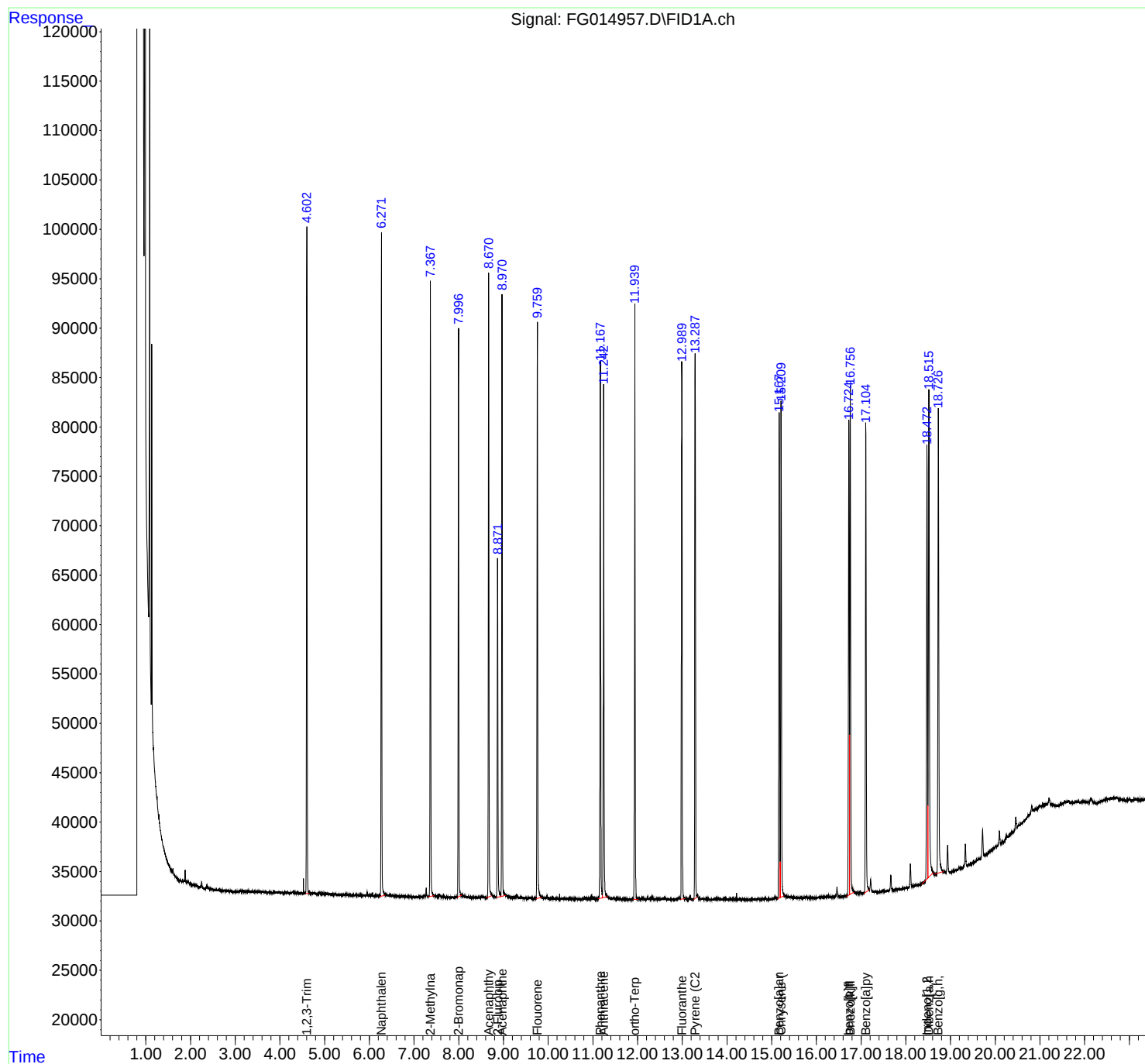
(m)=manual int.

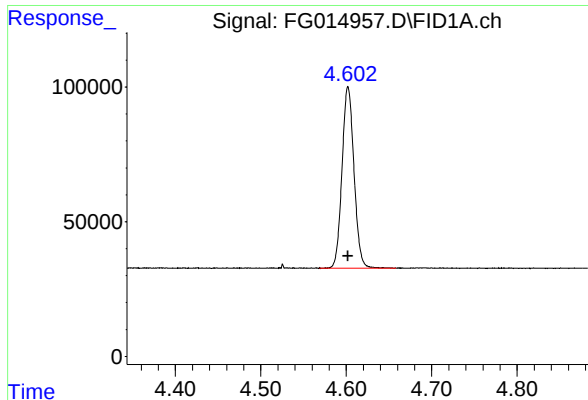
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG121024AR\  
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5 PPM AROMATIC HC STD5

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Volume Inj. : 1 µl  
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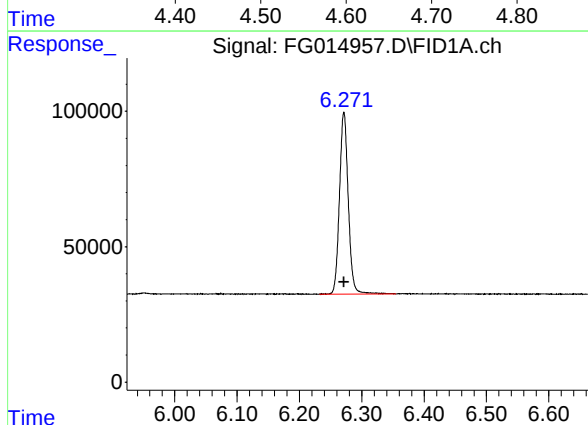




#1 1,2,3-Trimethylbenzene (C10.1)

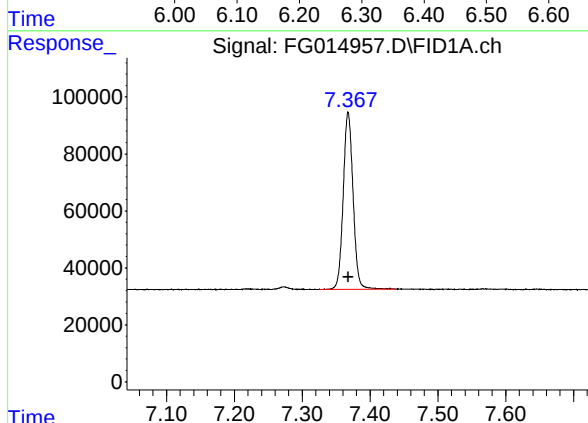
R.T.: 4.602 min  
Delta R.T.: 0.000 min  
Response: 654308  
Conc: 4.99 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM AROMATIC HC STD5



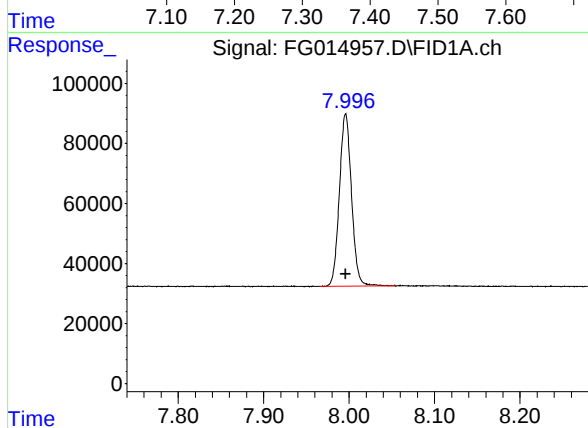
#2 Naphthalene (C11.7)

R.T.: 6.271 min  
Delta R.T.: 0.000 min  
Response: 658264  
Conc: 4.96 ug/ml



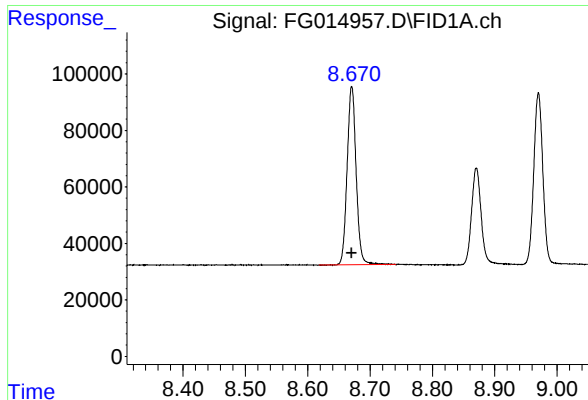
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min  
Delta R.T.: 0.000 min  
Response: 626937  
Conc: 4.88 ug/ml



#4 2-Bromonaphthalene (SURR)

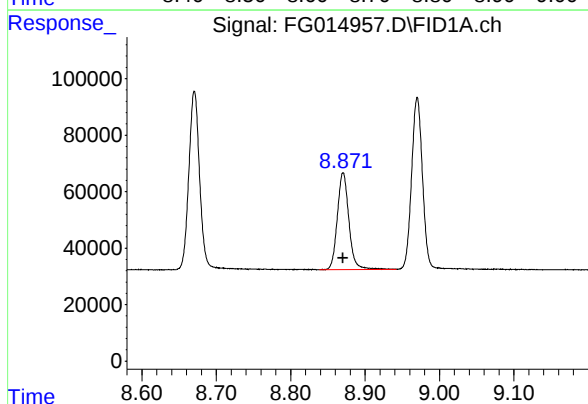
R.T.: 7.996 min  
Delta R.T.: 0.000 min  
Response: 566056  
Conc: 4.85 ug/ml



#5 Acenaphthylene (C15.06)

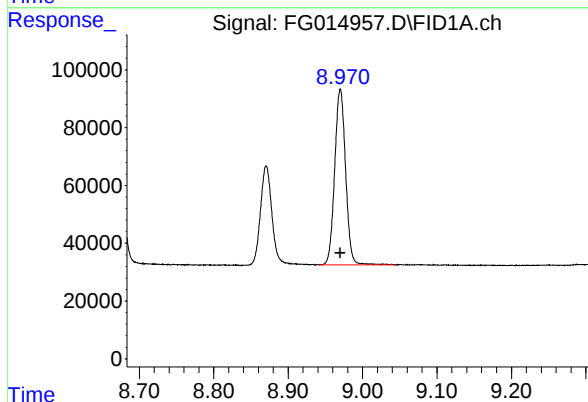
R.T.: 8.671 min  
Delta R.T.: 0.000 min  
Response: 635665  
Conc: 4.83 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM AROMATIC HC STD5



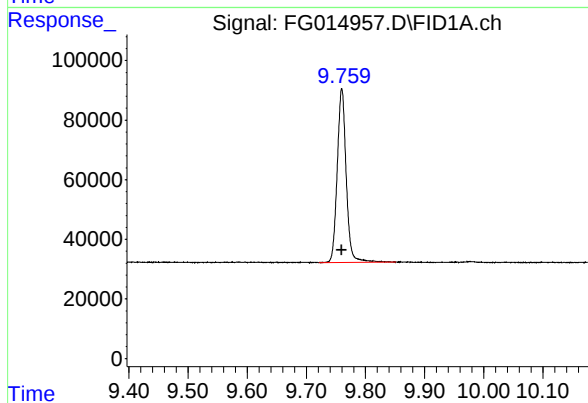
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min  
Delta R.T.: 0.000 min  
Response: 371302  
Conc: 4.81 ug/ml



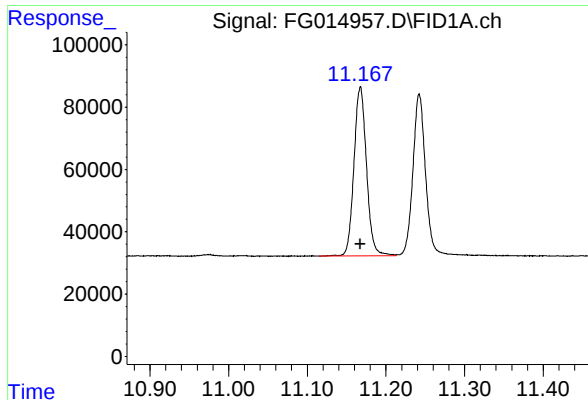
#7 Acenaphthene (C15.5)

R.T.: 8.970 min  
Delta R.T.: 0.000 min  
Response: 620501  
Conc: 4.83 ug/ml



#8 Fluorene (C16.55)

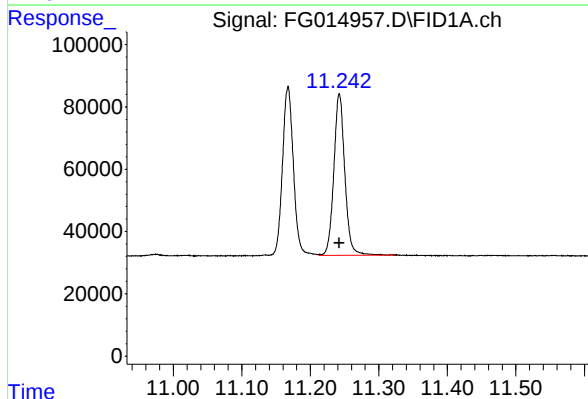
R.T.: 9.760 min  
Delta R.T.: 0.000 min  
Response: 614580  
Conc: 4.83 ug/ml



#9 Phenanthrene (C19.36)

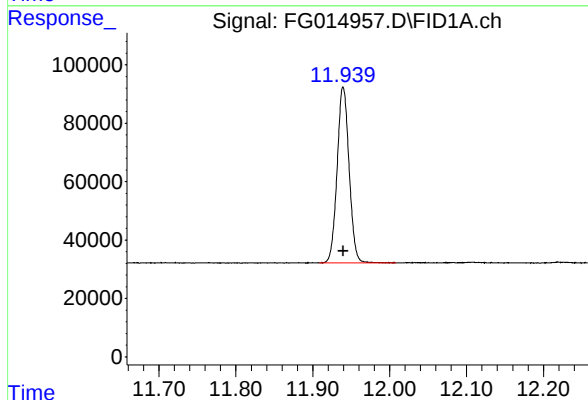
R.T.: 11.168 min  
Delta R.T.: 0.000 min  
Response: 601036  
Conc: 4.85 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM AROMATIC HC STD5



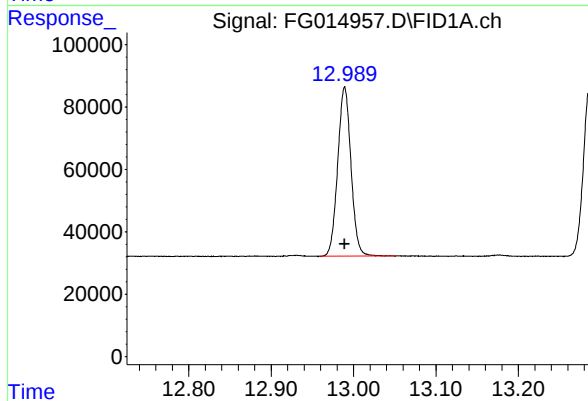
#10 Anthracene (C19.43)

R.T.: 11.242 min  
Delta R.T.: 0.000 min  
Response: 578144  
Conc: 4.88 ug/ml



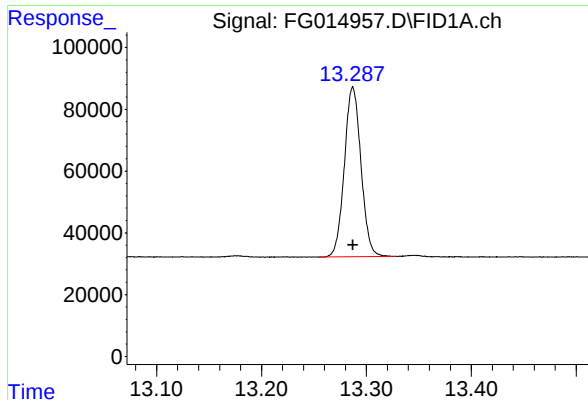
#11 ortho-Terphenyl (SURR)

R.T.: 11.940 min  
Delta R.T.: 0.000 min  
Response: 651100  
Conc: 4.94 ug/ml



#12 Fluoranthene (C21.85)

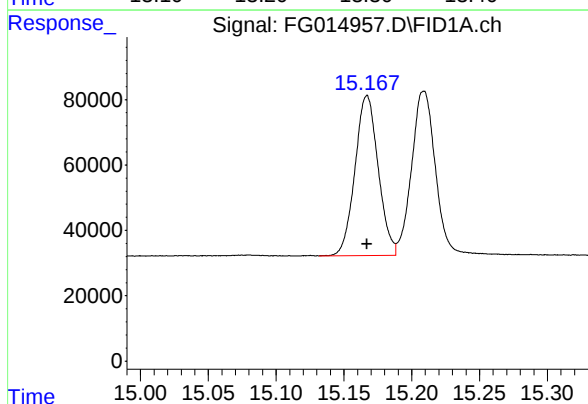
R.T.: 12.989 min  
Delta R.T.: 0.000 min  
Response: 607063  
Conc: 4.89 ug/ml



#13 Pyrene (C20.8)

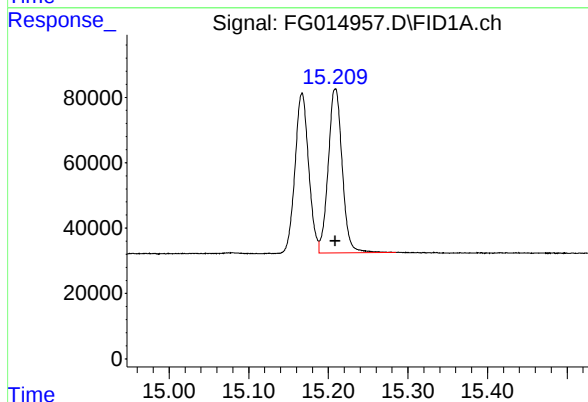
R.T.: 13.287 min  
Delta R.T.: 0.000 min  
Response: 604293  
Conc: 4.89 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM AROMATIC HC STD5



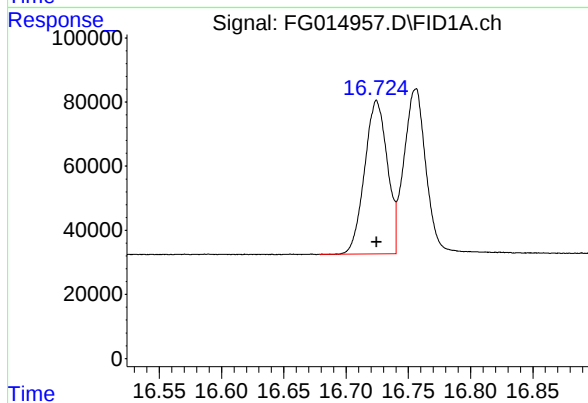
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.167 min  
Delta R.T.: 0.000 min  
Response: 582301  
Conc: 4.95 ug/ml



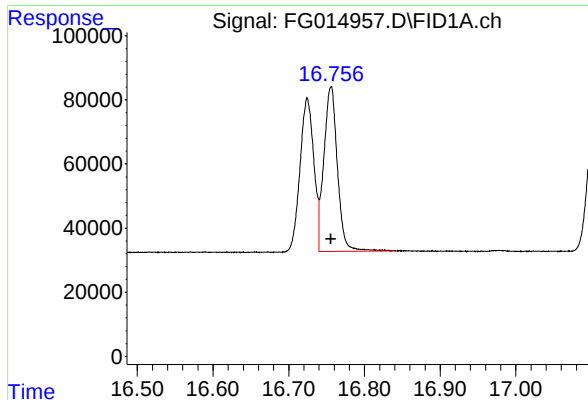
#15 Chrysene (C27.41)

R.T.: 15.209 min  
Delta R.T.: 0.000 min  
Response: 615051  
Conc: 5.11 ug/ml



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

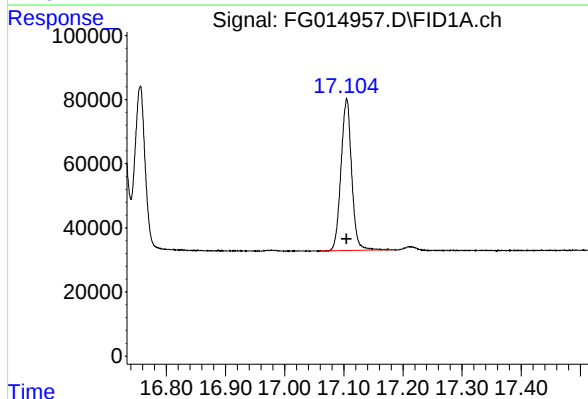
R.T.: 16.725 min  
Delta R.T.: 0.000 min  
Response: 607580  
Conc: 4.99 ug/ml



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

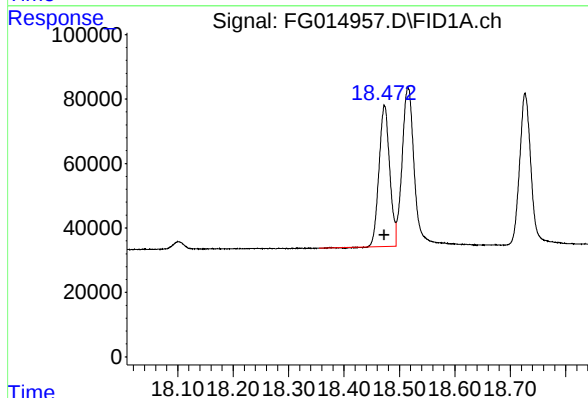
R.T.: 16.756 min  
Delta R.T.: 0.000 min  
Response: 641549  
Conc: 5.19 ug/ml

Instrument :  
FID\_G  
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5 PPM AROMATIC HC STD5



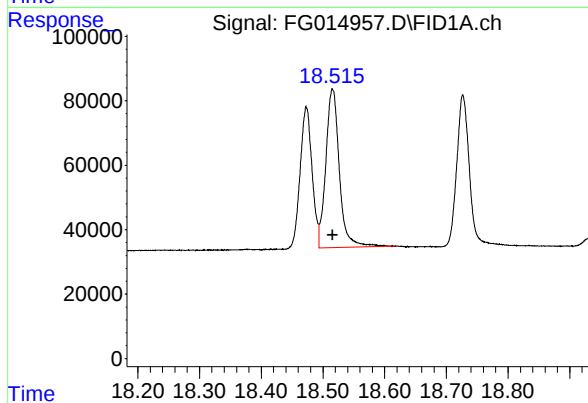
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.105 min  
Delta R.T.: 0.000 min  
Response: 593775  
Conc: 5.06 ug/ml



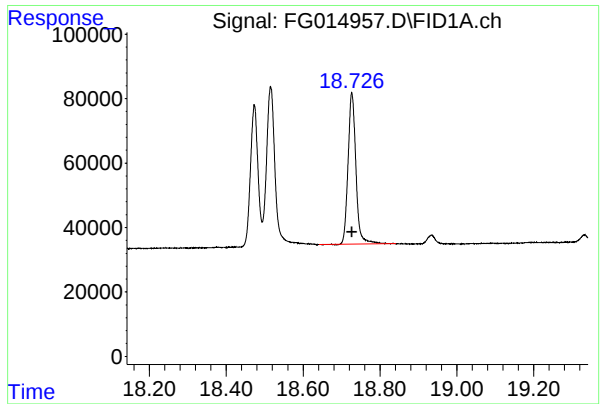
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.473 min  
Delta R.T.: 0.000 min  
Response: 584764  
Conc: 5.14 ug/ml



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

R.T.: 18.516 min  
Delta R.T.: 0.000 min  
Response: 752505  
Conc: 5.76 ug/ml



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

R.T.: 18.727 min  
Delta R.T.: 0.000 min  
Response: 667249  
Conc: 5.26 ug/ml

Instrument :

FID\_G

ClientSampleId :

5 PPM AROMATIC HC STD5