

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082925AR\  
 Data File : FG016438.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Aug 2025 14:28  
 Operator : YP\AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 29 04:54:31 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 082825.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 29 04:51:23 2025  
 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...      | 8.114  | 10059140   | 94.215 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 188.43%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.999  | 6910411    | 95.397 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 190.79%#     |
| 11) S ortho-Terphenyl (SURR)       | 12.084 | 11777283   | 93.538 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 187.08%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.697  | 11141641   | 93.725 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.381  | 11816055   | 94.524 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.486  | 11908968   | 95.503 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.799  | 11741595   | 94.724 ug/ml |
| 7) T Acenaphthene (C15.5)          | 9.102  | 11749045   | 92.384 ug/ml |
| 8) T Flouorene (C16.55)            | 9.897  | 11557617   | 94.213 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.316 | 11522062   | 94.866 ug/ml |
| 10) T Anthracene (C19.43)          | 11.393 | 11163319   | 92.525 ug/ml |
| 12) T Fluoranthene (C21.85)        | 13.153 | 11395101   | 94.049 ug/ml |
| 13) T Pyrene (C20.8)               | 13.456 | 11265423   | 94.205 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.350 | 10737435   | 94.656 ug/ml |
| 15) T Chrysene (C27.41)            | 15.398 | 10827224   | 91.858 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.924 | 11087039   | 96.023 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.924 | 11087039   | 98.605 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.311 | 10667206   | 92.392 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.696 | 10289132   | 99.399 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.696 | 10289132   | 80.877 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.959 | 10746735   | 87.475 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

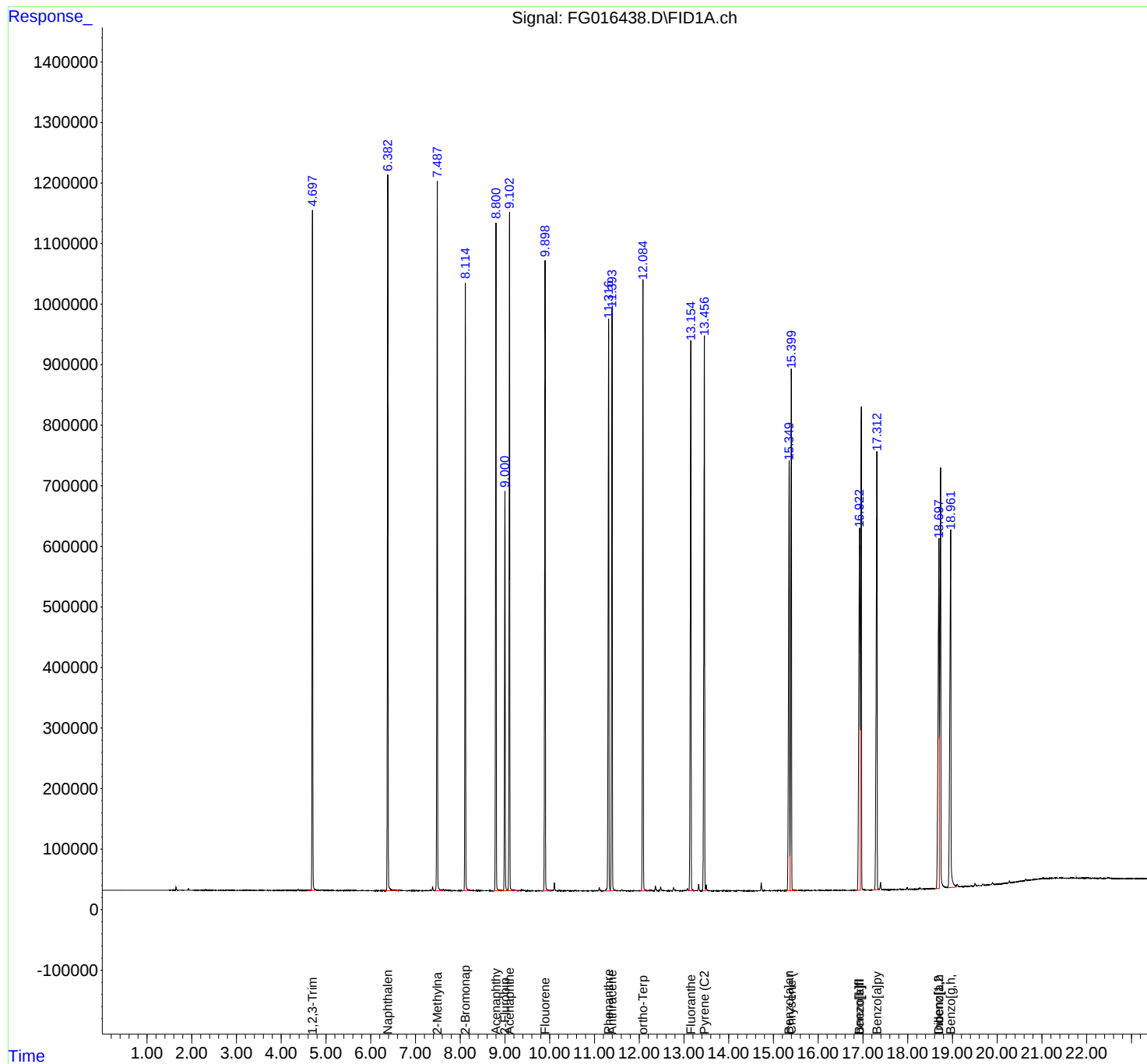
(m)=manual int.

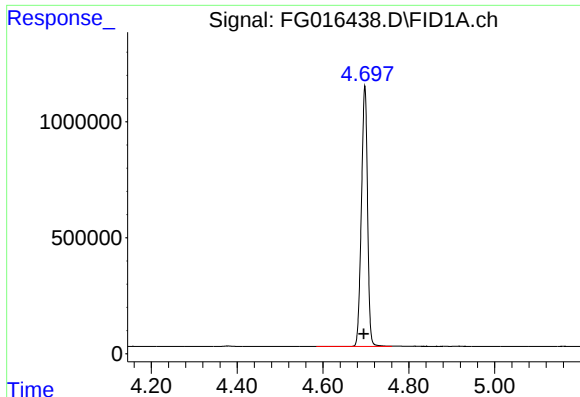
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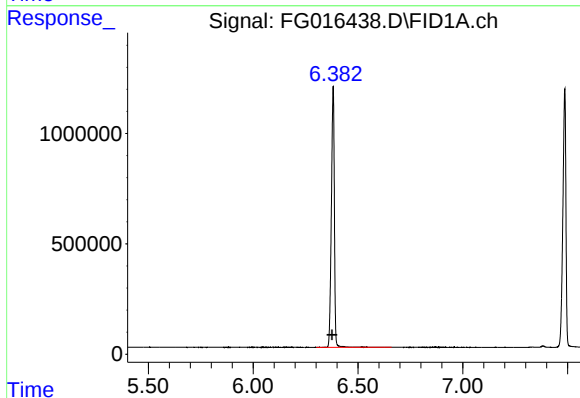




#1 1,2,3-Trimethylbenzene (C10.1)

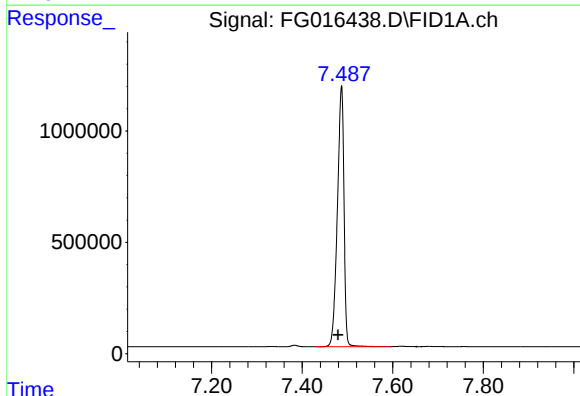
R.T.: 4.697 min  
Delta R.T.: 0.003 min  
Response: 11141641  
Conc: 93.72 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



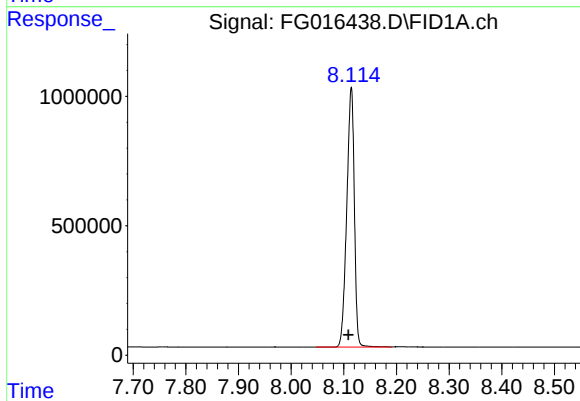
#2 Naphthalene (C11.7)

R.T.: 6.381 min  
Delta R.T.: 0.005 min  
Response: 11816055  
Conc: 94.52 ug/ml



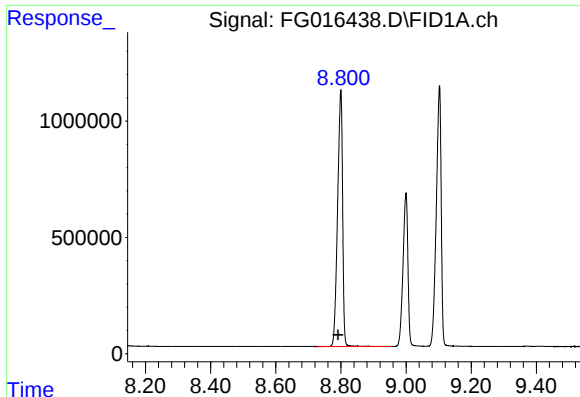
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.486 min  
Delta R.T.: 0.007 min  
Response: 11908968  
Conc: 95.50 ug/ml



#4 2-Bromonaphthalene (SURR)

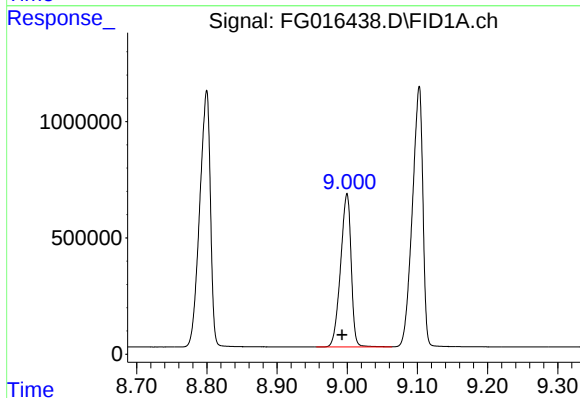
R.T.: 8.114 min  
Delta R.T.: 0.005 min  
Response: 10059140  
Conc: 94.21 ug/ml



#5 Acenaphthylene (C15.06)

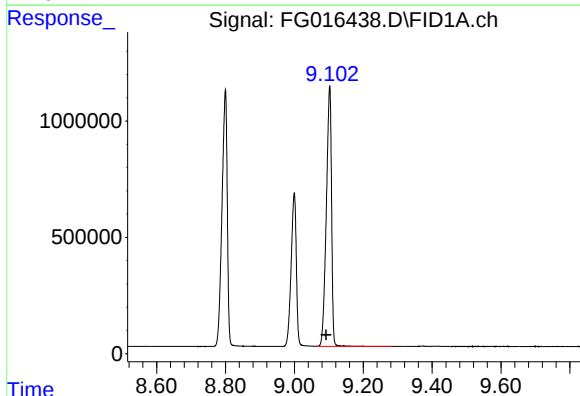
R.T.: 8.799 min  
Delta R.T.: 0.007 min  
Response: 11741595  
Conc: 94.72 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



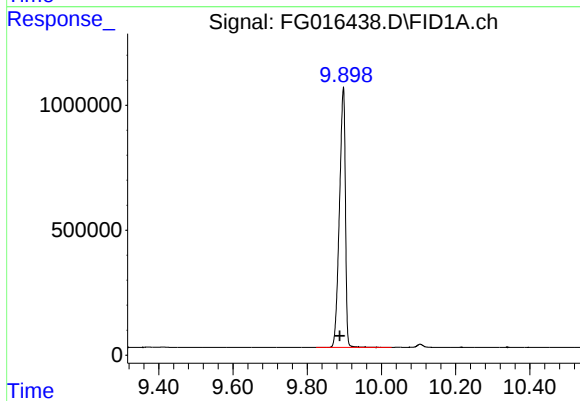
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.999 min  
Delta R.T.: 0.006 min  
Response: 6910411  
Conc: 95.40 ug/ml



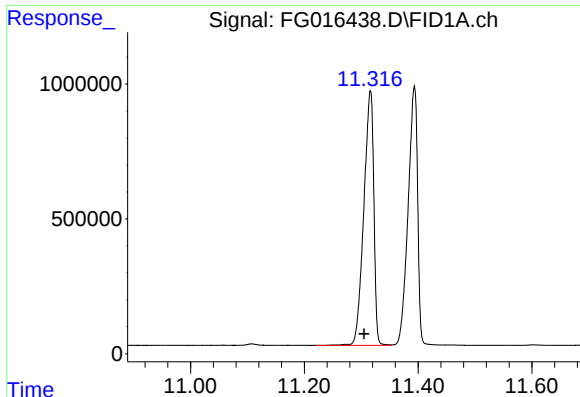
#7 Acenaphthene (C15.5)

R.T.: 9.102 min  
Delta R.T.: 0.009 min  
Response: 11749045  
Conc: 92.38 ug/ml



#8 Fluorene (C16.55)

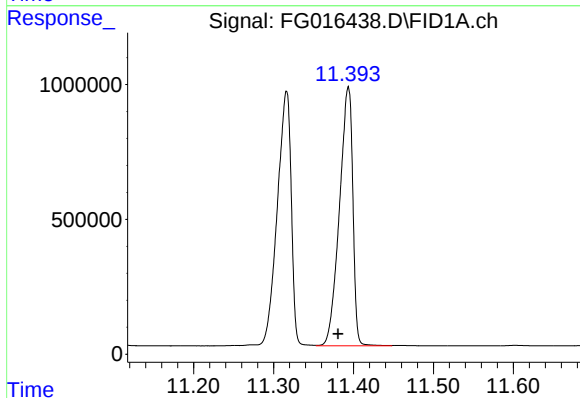
R.T.: 9.897 min  
Delta R.T.: 0.009 min  
Response: 11557617  
Conc: 94.21 ug/ml



#9 Phenanthrene (C19.36)

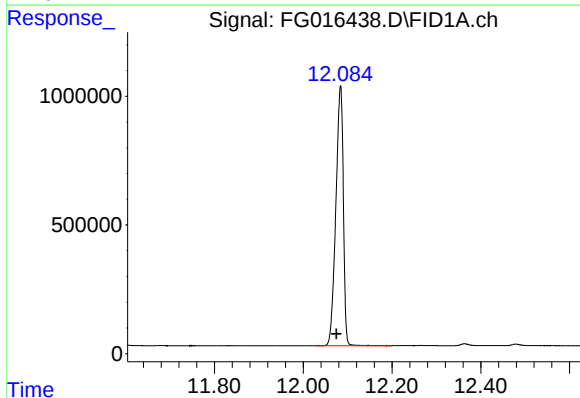
R.T.: 11.316 min  
Delta R.T.: 0.011 min  
Response: 11522062  
Conc: 94.87 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



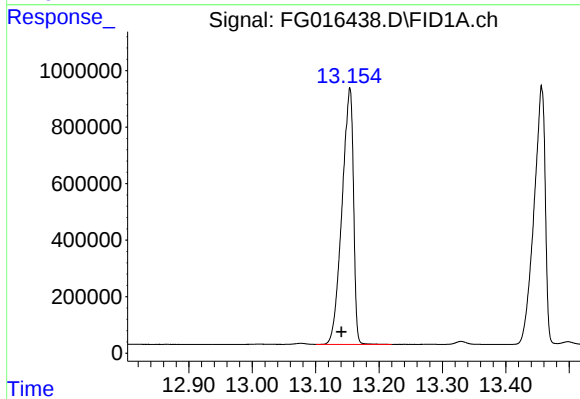
#10 Anthracene (C19.43)

R.T.: 11.393 min  
Delta R.T.: 0.012 min  
Response: 11163319  
Conc: 92.53 ug/ml



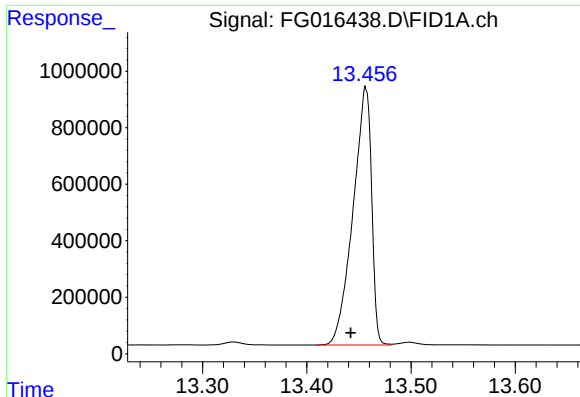
#11 ortho-Terphenyl (SURR)

R.T.: 12.084 min  
Delta R.T.: 0.009 min  
Response: 11777283  
Conc: 93.54 ug/ml



#12 Fluoranthene (C21.85)

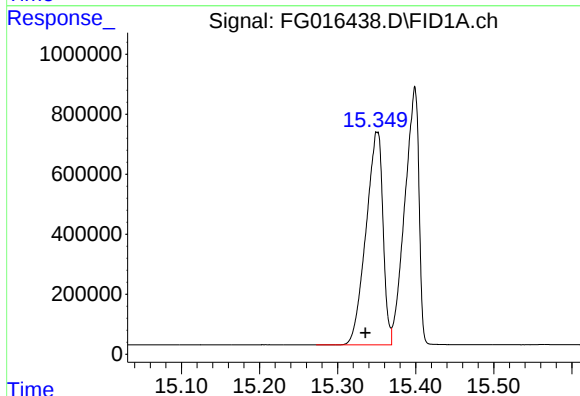
R.T.: 13.153 min  
Delta R.T.: 0.013 min  
Response: 11395101  
Conc: 94.05 ug/ml



#13 Pyrene (C20.8)

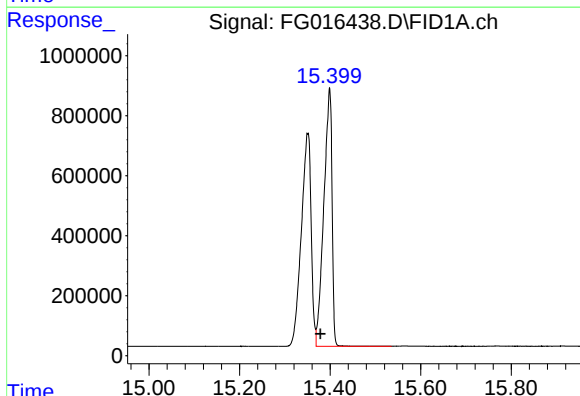
R.T.: 13.456 min  
Delta R.T.: 0.014 min  
Response: 11265423  
Conc: 94.21 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



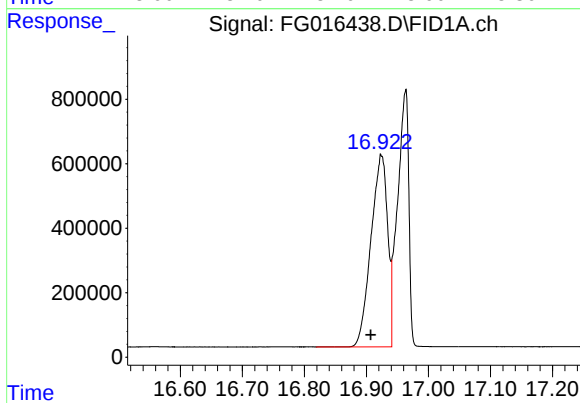
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.350 min  
Delta R.T.: 0.015 min  
Response: 10737435  
Conc: 94.66 ug/ml



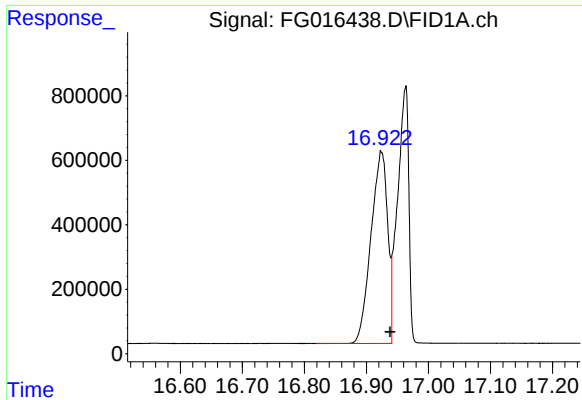
#15 Chrysene (C27.41)

R.T.: 15.398 min  
Delta R.T.: 0.020 min  
Response: 10827224  
Conc: 91.86 ug/ml



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

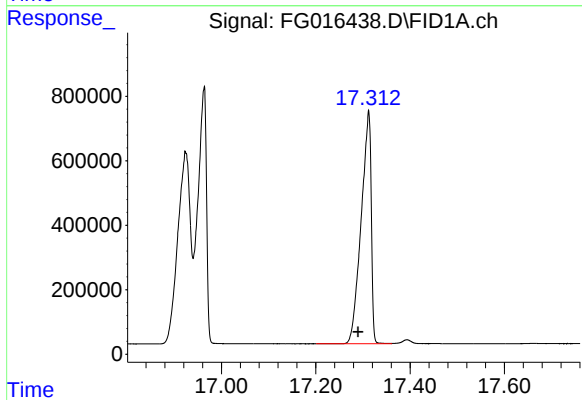
R.T.: 16.924 min  
Delta R.T.: 0.017 min  
Response: 11087039  
Conc: 96.02 ug/ml



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

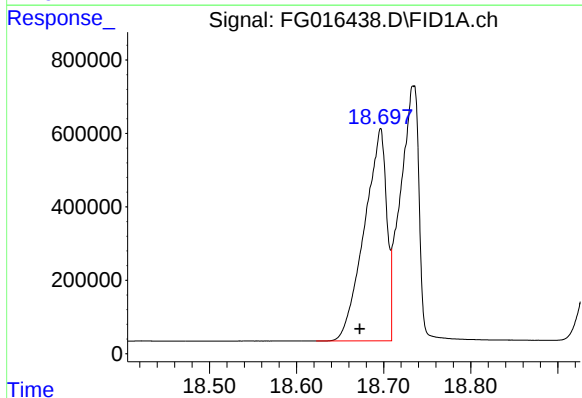
R.T.: 16.924 min  
Delta R.T.: -0.014 min  
Response: 11087039  
Conc: 98.60 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



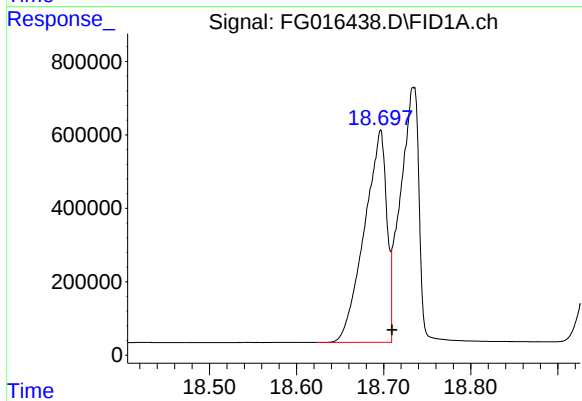
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.311 min  
Delta R.T.: 0.021 min  
Response: 10667206  
Conc: 92.39 ug/ml



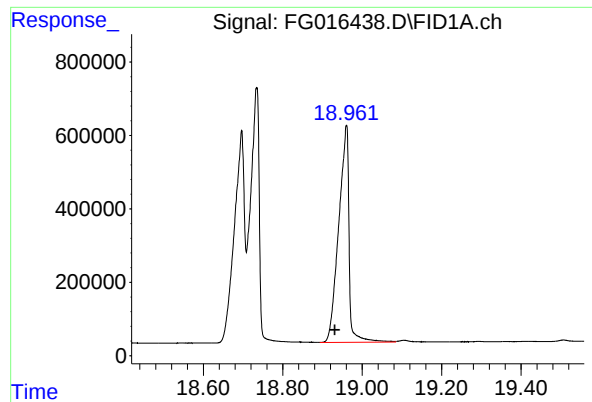
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.696 min  
Delta R.T.: 0.023 min  
Response: 10289132  
Conc: 99.40 ug/ml



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

R.T.: 18.696 min  
Delta R.T.: -0.014 min  
Response: 10289132  
Conc: 80.88 ug/ml



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

R.T.: 18.959 min  
Delta R.T.: 0.029 min  
Response: 10746735  
Conc: 87.47 ug/ml

Instrument :

FID\_G

ClientSampleId :