

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102124AR\  
 Data File : FG014462.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Oct 2024 19:40  
 Operator : YP\AJ  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Oct 22 04:31:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 102124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 04:30:07 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...      | 8.038  | 6241660    | 49.187 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.37%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.914  | 4300888    | 49.347 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 98.69%       |
| 11) S ortho-Terphenyl (SURR)       | 11.988 | 7341257    | 49.126 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.25%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.637  | 6771203    | 49.072 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.311  | 7173438    | 49.215 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.410  | 7298760    | 49.211 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.715  | 7231407    | 49.167 ug/ml |
| 7) T Acenaphthene (C15.5)          | 9.017  | 7215688    | 49.289 ug/ml |
| 8) T Fluorene (C16.55)             | 9.807  | 7204776    | 49.224 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.216 | 7299515    | 49.126 ug/ml |
| 10) T Anthracene (C19.43)          | 11.292 | 6933076    | 48.938 ug/ml |
| 12) T Fluoranthene (C21.85)        | 13.041 | 7271122    | 48.818 ug/ml |
| 13) T Pyrene (C20.8)               | 13.341 | 7222599    | 48.793 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.223 | 7036941    | 48.363 ug/ml |
| 15) T Chrysene (C27.41)            | 15.269 | 7110199    | 48.238 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.781 | 7087157    | 48.293 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.817 | 6568945    | 47.740 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.165 | 6826610    | 47.963 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.534 | 6400457    | 48.693 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.575 | 6558753    | 47.276 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.794 | 6651863    | 48.072 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

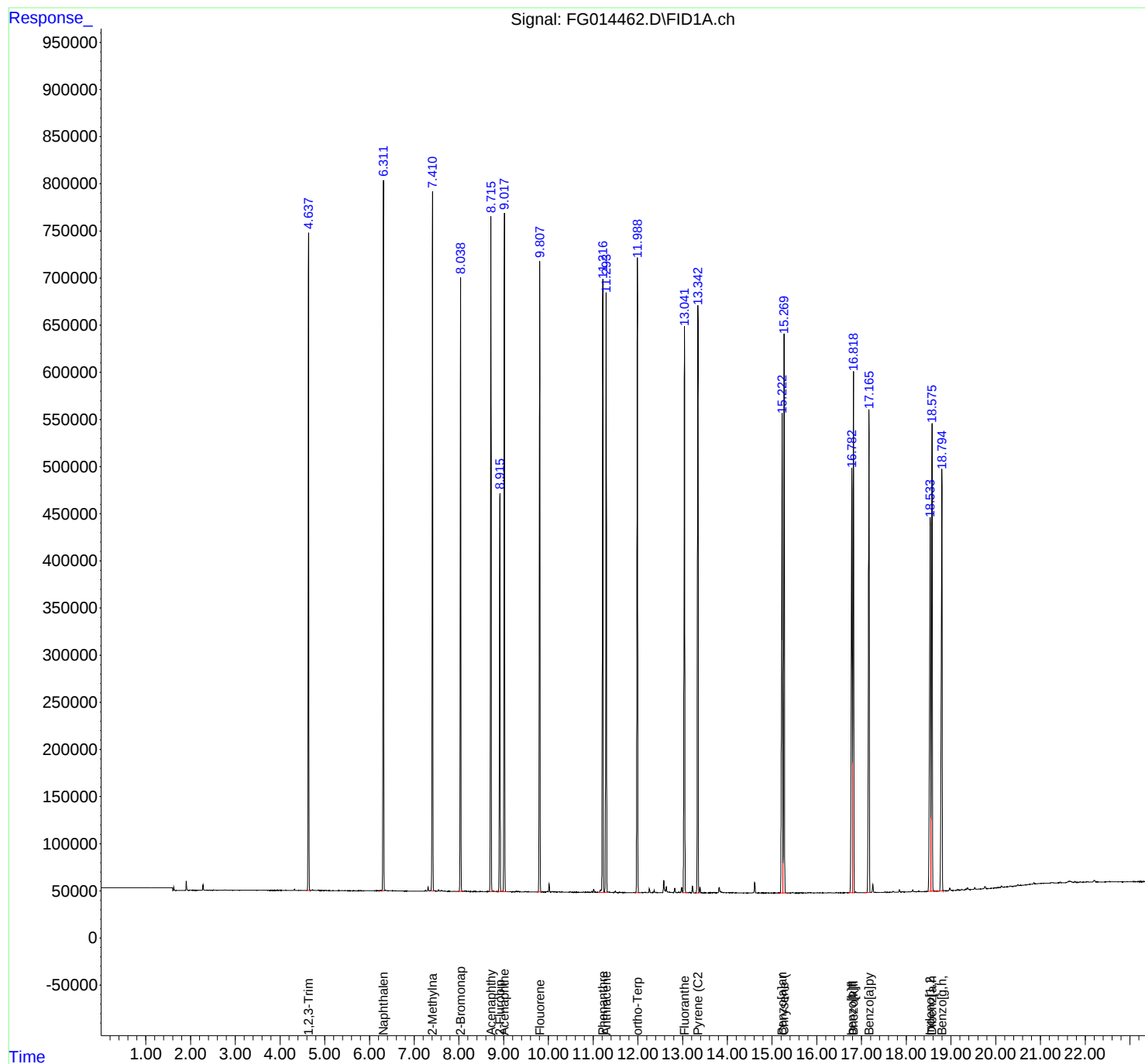
(m)=manual int.

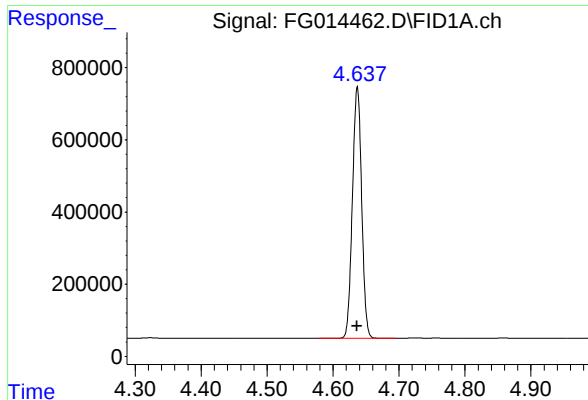
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102124AR\  
Data File : FG014462.D  
Signal(s) : FID1A.ch  
Acq On : 21 Oct 2024 19:40  
Operator : YP\AJ  
Sample : 50 PPM AROMATIC HC STD2  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM AROMATIC HC STD2

Integration File: autoint1.e  
Quant Time: Oct 22 04:31:15 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 102124.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 04:30:07 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

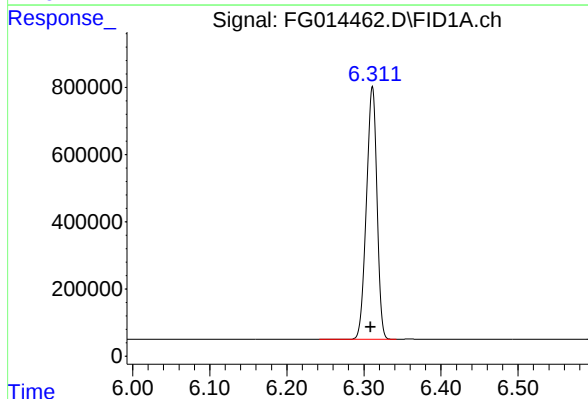




#1 1,2,3-Trimethylbenzene (C10.1)

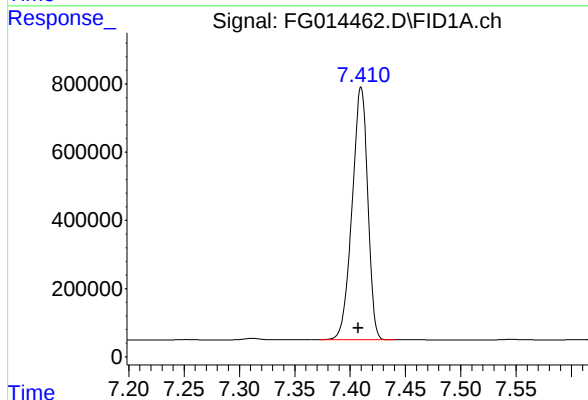
R.T.: 4.637 min  
Delta R.T.: 0.000 min  
Response: 6771203  
Conc: 49.07 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM AROMATIC HC STD2



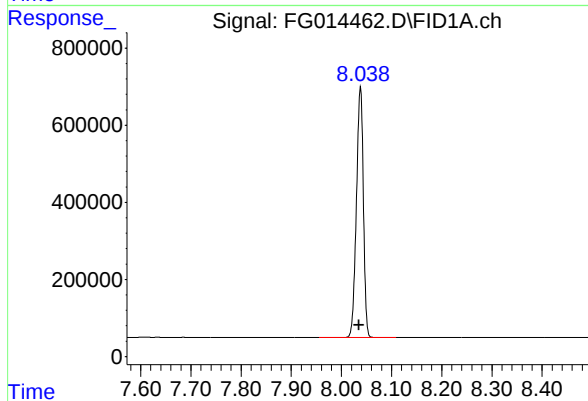
#2 Naphthalene (C11.7)

R.T.: 6.311 min  
Delta R.T.: 0.002 min  
Response: 7173438  
Conc: 49.21 ug/ml



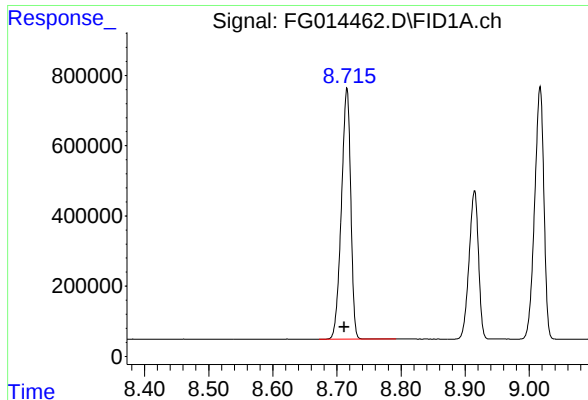
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.410 min  
Delta R.T.: 0.002 min  
Response: 7298760  
Conc: 49.21 ug/ml



#4 2-Bromonaphthalene (SURR)

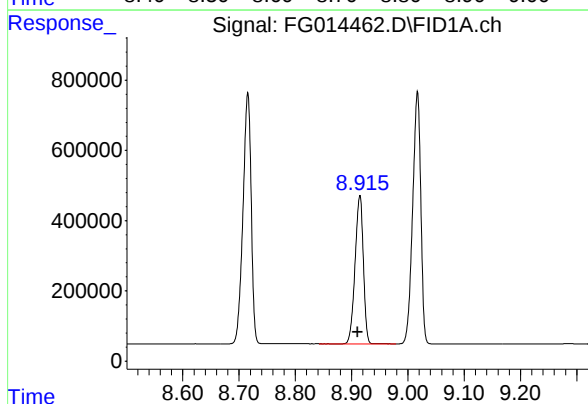
R.T.: 8.038 min  
Delta R.T.: 0.002 min  
Response: 6241660  
Conc: 49.19 ug/ml



#5 Acenaphthylene (C15.06)

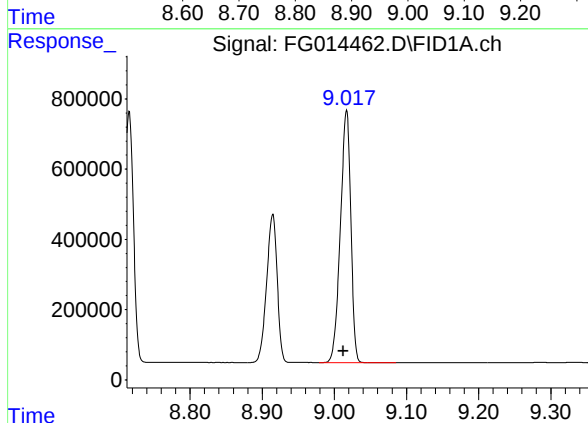
R.T.: 8.715 min  
Delta R.T.: 0.004 min  
Response: 7231407  
Conc: 49.17 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM AROMATIC HC STD2



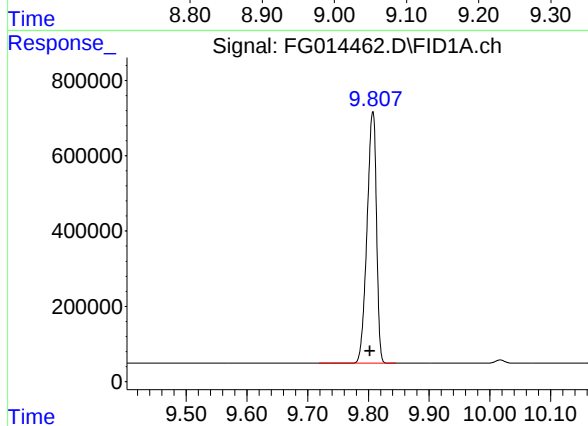
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.914 min  
Delta R.T.: 0.003 min  
Response: 4300888  
Conc: 49.35 ug/ml



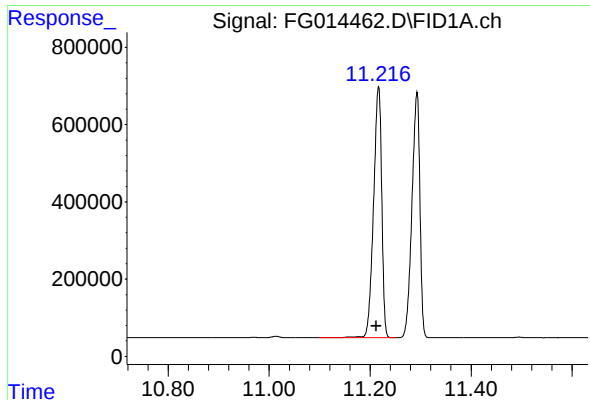
#7 Acenaphthene (C15.5)

R.T.: 9.017 min  
Delta R.T.: 0.004 min  
Response: 7215688  
Conc: 49.29 ug/ml



#8 Flouorene (C16.55)

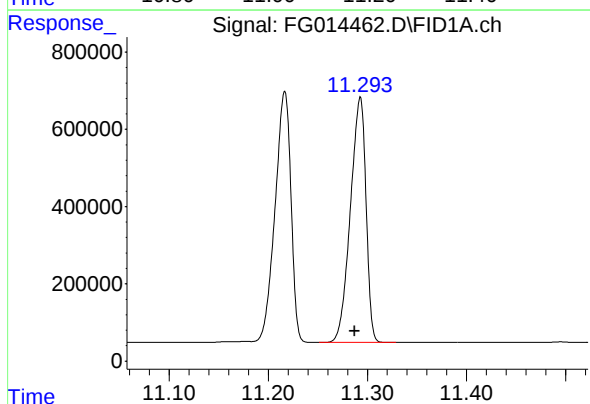
R.T.: 9.807 min  
Delta R.T.: 0.004 min  
Response: 7204776  
Conc: 49.22 ug/ml



#9 Phenanthrene (C19.36)

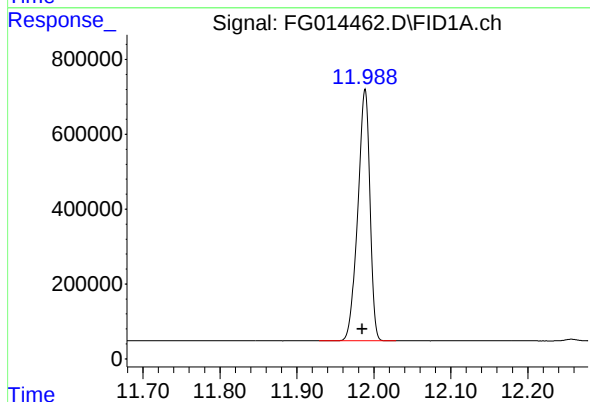
R.T.: 11.216 min  
Delta R.T.: 0.004 min  
Response: 7299515  
Conc: 49.13 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM AROMATIC HC STD2



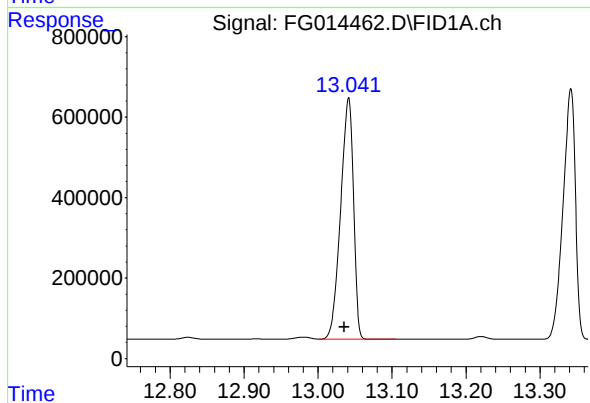
#10 Anthracene (C19.43)

R.T.: 11.292 min  
Delta R.T.: 0.005 min  
Response: 6933076  
Conc: 48.94 ug/ml



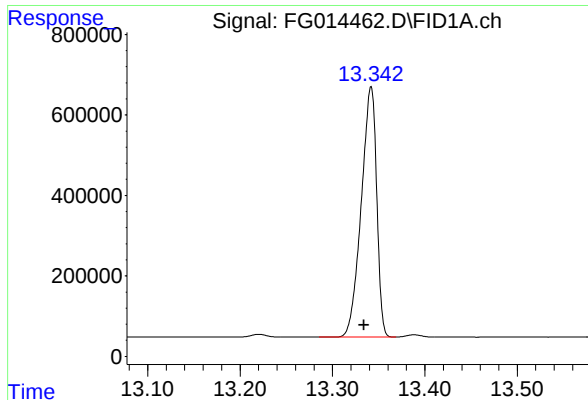
#11 ortho-Terphenyl (SURR)

R.T.: 11.988 min  
Delta R.T.: 0.003 min  
Response: 7341257  
Conc: 49.13 ug/ml



#12 Fluoranthene (C21.85)

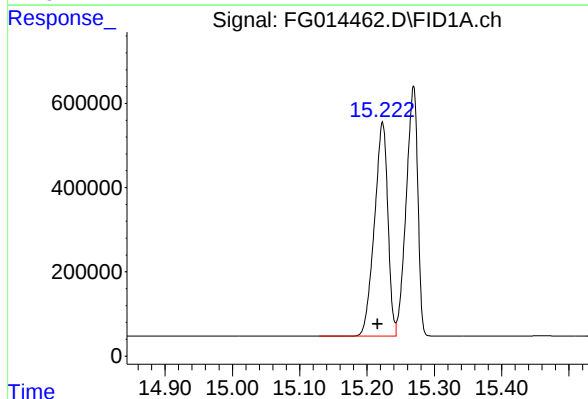
R.T.: 13.041 min  
Delta R.T.: 0.005 min  
Response: 7271122  
Conc: 48.82 ug/ml



#13 Pyrene (C20.8)

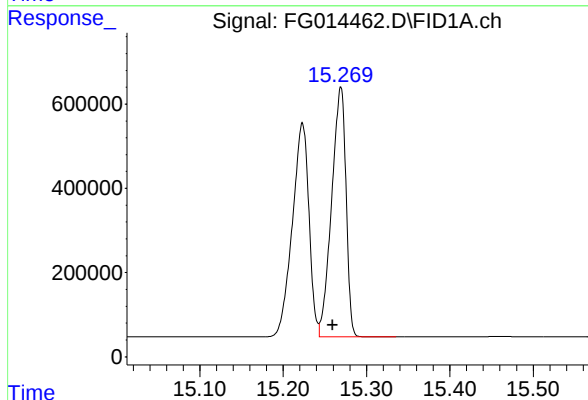
R.T.: 13.341 min  
Delta R.T.: 0.007 min  
Response: 7222599  
Conc: 48.79 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM AROMATIC HC STD2



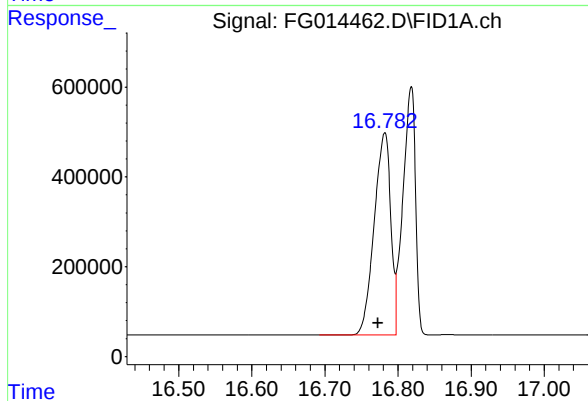
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.223 min  
Delta R.T.: 0.007 min  
Response: 7036941  
Conc: 48.36 ug/ml



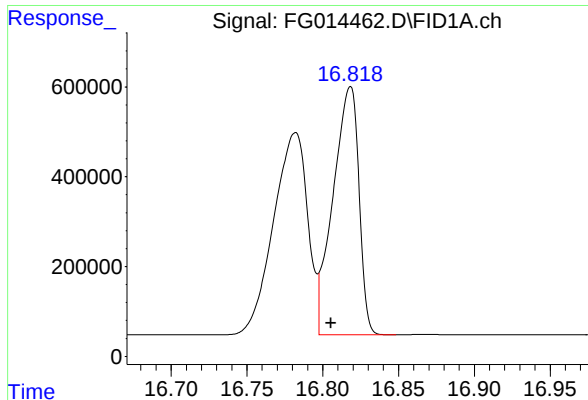
#15 Chrysene (C27.41)

R.T.: 15.269 min  
Delta R.T.: 0.009 min  
Response: 7110199  
Conc: 48.24 ug/ml



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

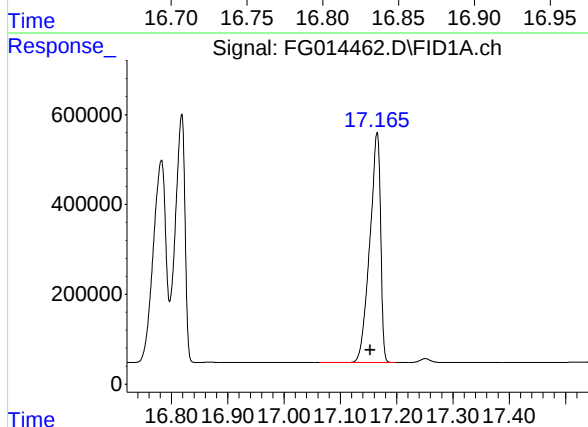
R.T.: 16.781 min  
Delta R.T.: 0.009 min  
Response: 7087157  
Conc: 48.29 ug/ml



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

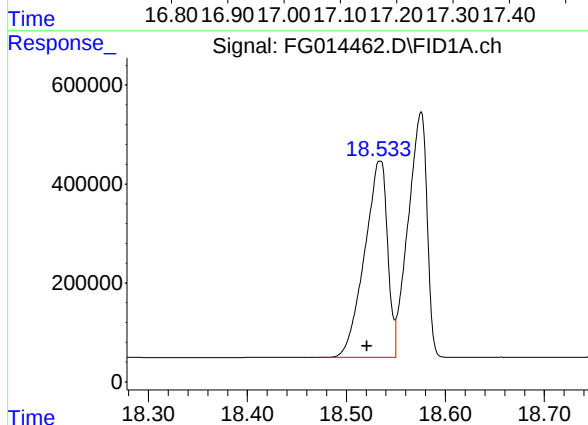
R.T.: 16.817 min  
Delta R.T.: 0.012 min  
Response: 6568945  
Conc: 47.74 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM AROMATIC HC STD2



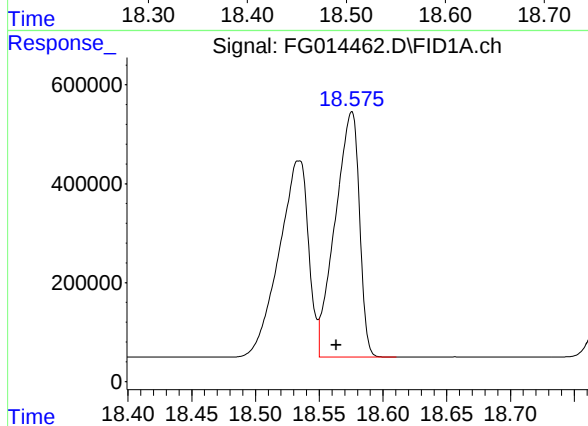
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.165 min  
Delta R.T.: 0.012 min  
Response: 6826610  
Conc: 47.96 ug/ml



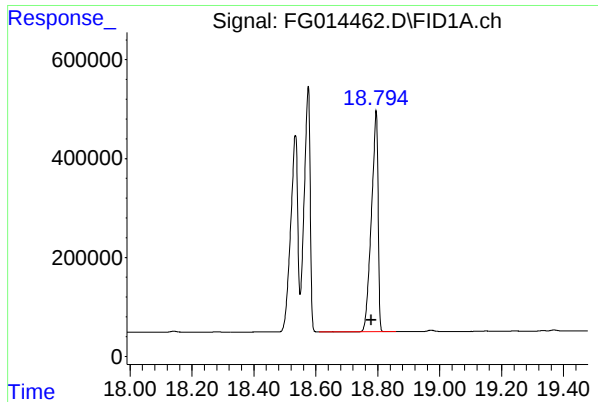
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.534 min  
Delta R.T.: 0.013 min  
Response: 6400457  
Conc: 48.69 ug/ml



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

R.T.: 18.575 min  
Delta R.T.: 0.011 min  
Response: 6558753  
Conc: 47.28 ug/ml



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

R.T.: 18.794 min  
Delta R.T.: 0.016 min  
Response: 6651863  
Conc: 48.07 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM AROMATIC HC STD2