

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091624AR\  
 Data File : FG014243.D  
 Signal(s) : FID1A.ch  
 Acq On : 16 Sep 2024 09:12  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: Sep 17 04:50:43 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 090424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 04 11:28:29 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...      | 7.891  | 2492528    | 22.279 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.56%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.764  | 1621083    | 22.266 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 44.53%       |
| 11) S ortho-Terphenyl (SURR)       | 11.832 | 2936747    | 21.786 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.57%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.494  | 2799843    | 21.748 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.163  | 2851908    | 22.608 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.261  | 2931367    | 23.015 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.562  | 2847180    | 21.906 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.862  | 2985368    | 21.557 ug/ml |
| 8) T Fluorene (C16.55)             | 9.654  | 2849443    | 21.983 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.062 | 2653284    | 21.954 ug/ml |
| 10) T Anthracene (C19.43)          | 11.137 | 2856070    | 20.587 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.885 | 2868639    | 22.128 ug/ml |
| 13) T Pyrene (C20.8)               | 13.182 | 2890664    | 22.138 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.068 | 2455784    | 21.587 ug/ml |
| 15) T Chrysene (C27.41)            | 15.109 | 3017634    | 21.347 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.629 | 2490308    | 21.727 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.660 | 2927753    | 21.773 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.013 | 2670926    | 21.495 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.387 | 1928762    | 19.513 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.426 | 3347949    | 22.742 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.642 | 2816725    | 21.551 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

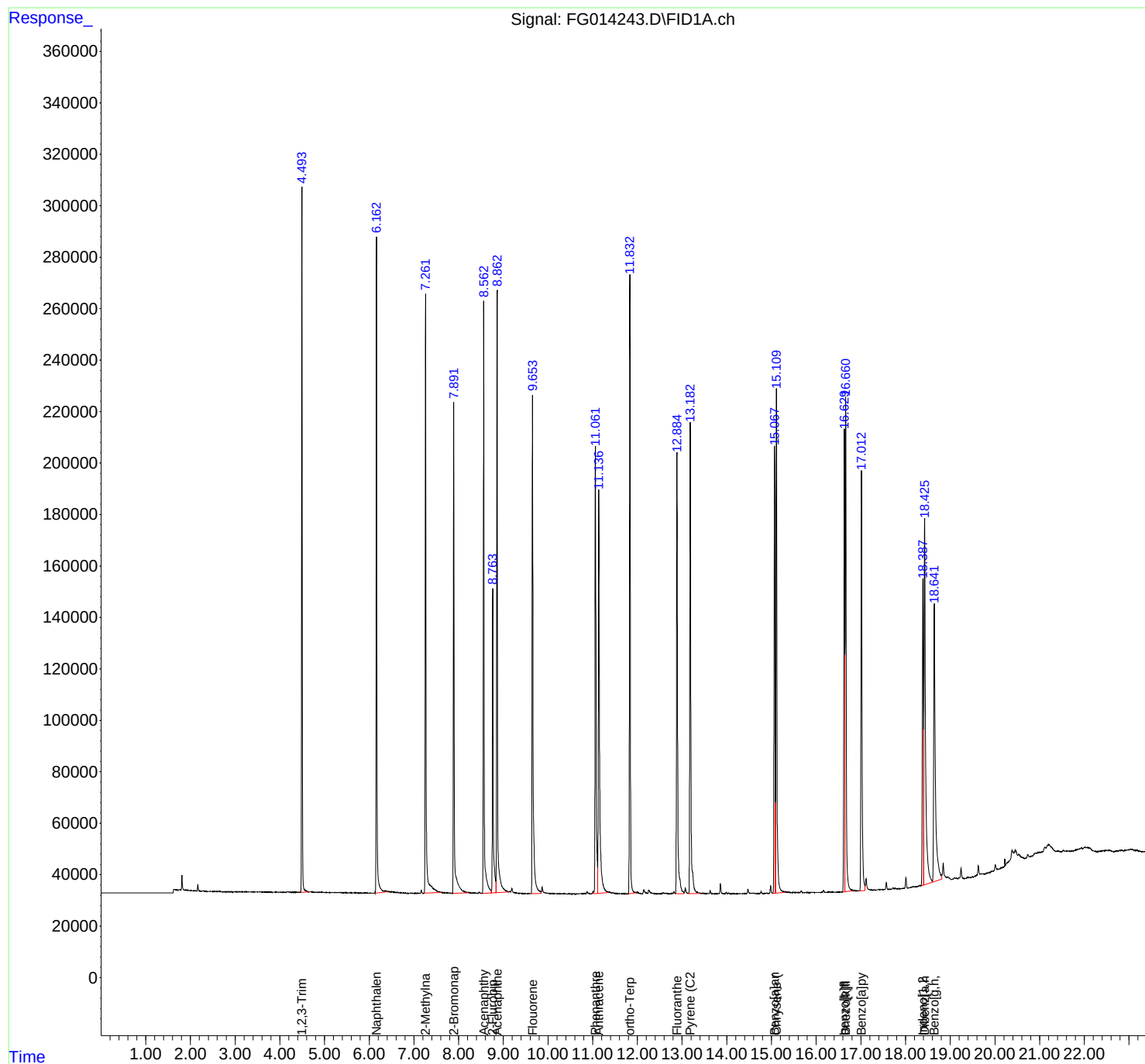
(m)=manual int.

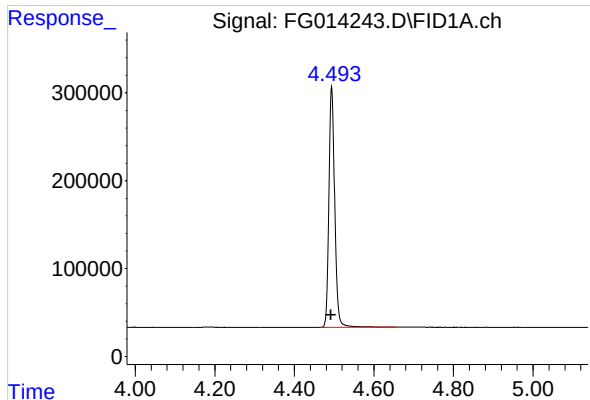
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091624AR\  
Data File : FG014243.D  
Signal(s) : FID1A.ch  
Acq On : 16 Sep 2024 09:12  
Operator : YP\AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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20 PPM AROMATIC HC STD

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Quant Title : GC Extractables  
QLast Update : Wed Sep 04 11:28:29 2024  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

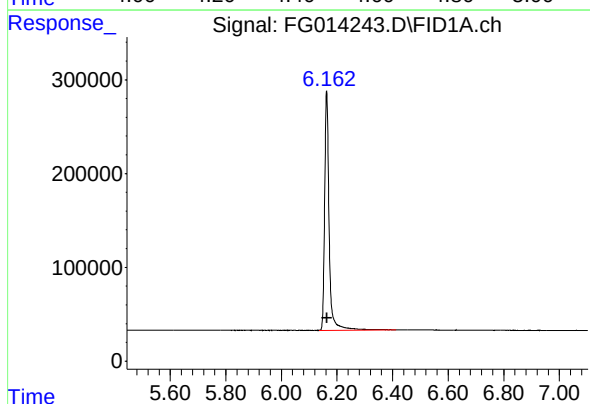




#1 1,2,3-Trimethylbenzene (C10.1)

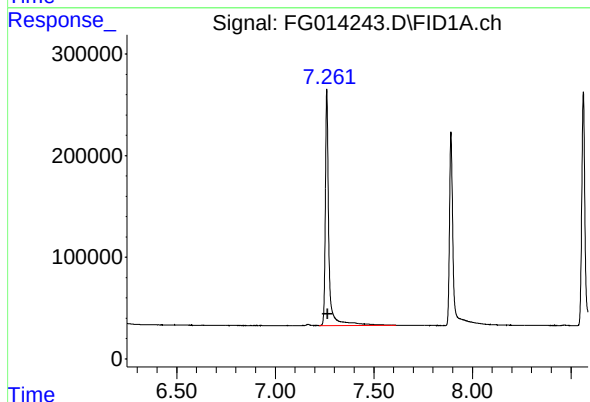
R.T.: 4.494 min  
Delta R.T.: 0.002 min  
Response: 2799843  
Conc: 21.75 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM AROMATIC HC STD



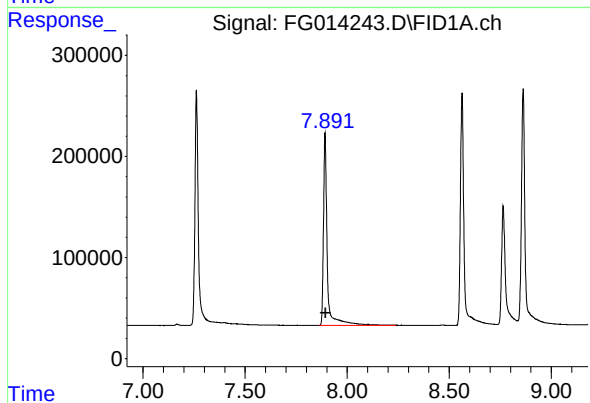
#2 Naphthalene (C11.7)

R.T.: 6.163 min  
Delta R.T.: -0.002 min  
Response: 2851908  
Conc: 22.61 ug/ml



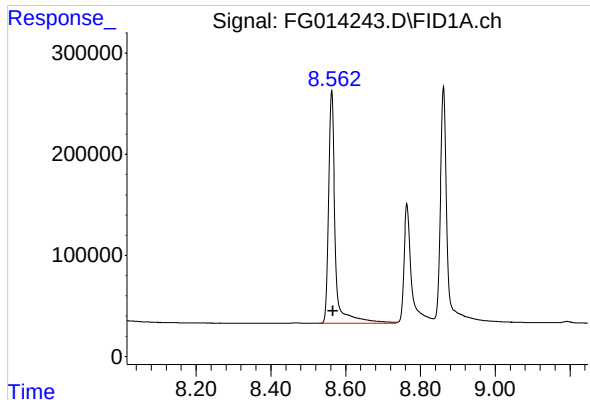
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.261 min  
Delta R.T.: -0.005 min  
Response: 2931367  
Conc: 23.02 ug/ml



#4 2-Bromonaphthalene (SURR)

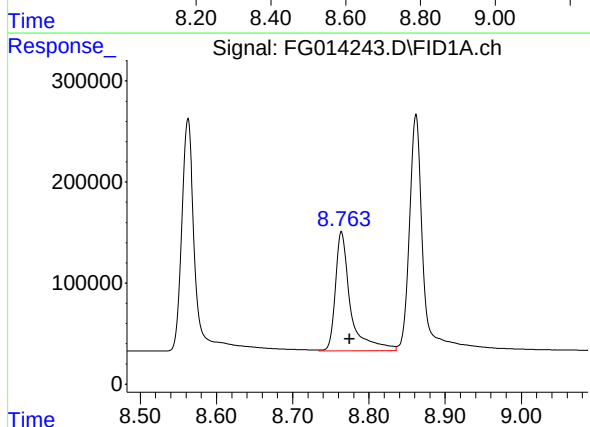
R.T.: 7.891 min  
Delta R.T.: -0.004 min  
Response: 2492528  
Conc: 22.28 ug/ml



#5 Acenaphthylene (C15.06)

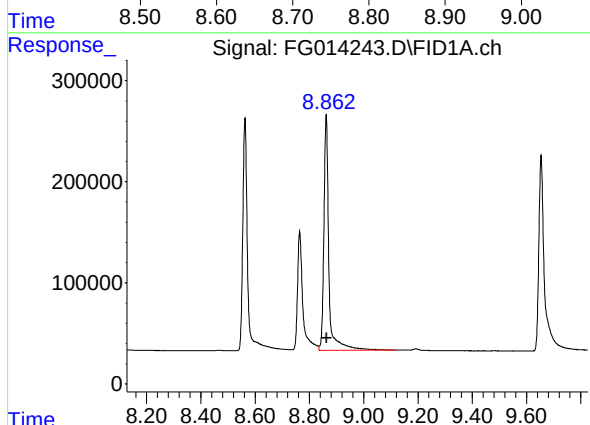
R.T.: 8.562 min  
Delta R.T.: -0.004 min  
Response: 2847180  
Conc: 21.91 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM AROMATIC HC STD



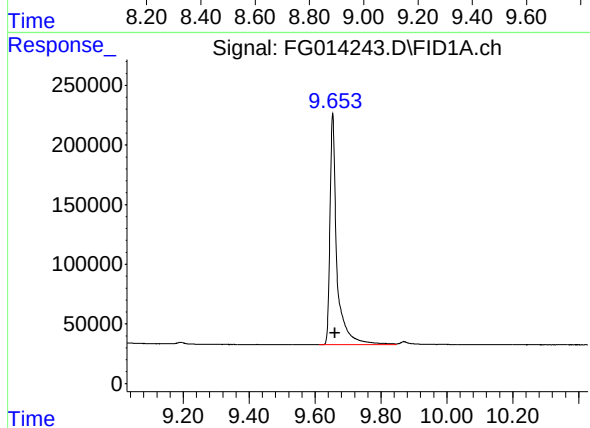
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.764 min  
Delta R.T.: -0.011 min  
Response: 1621083  
Conc: 22.27 ug/ml



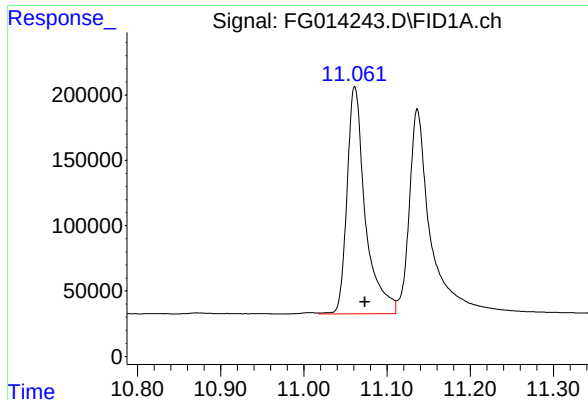
#7 Acenaphthene (C15.5)

R.T.: 8.862 min  
Delta R.T.: -0.003 min  
Response: 2985368  
Conc: 21.56 ug/ml



#8 Fluorene (C16.55)

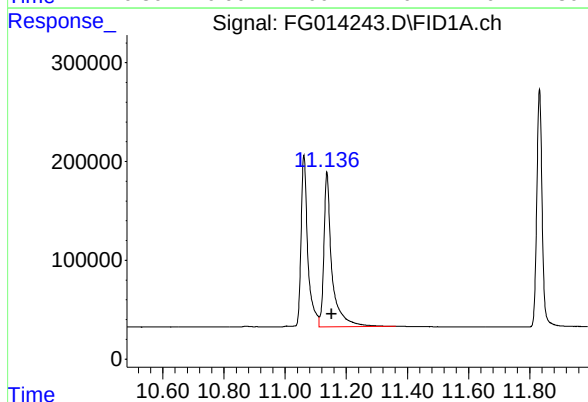
R.T.: 9.654 min  
Delta R.T.: -0.007 min  
Response: 2849443  
Conc: 21.98 ug/ml



#9 Phenanthrene (C19.36)

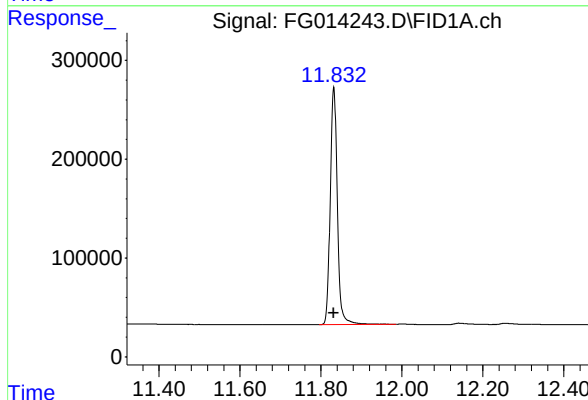
R.T.: 11.062 min  
Delta R.T.: -0.012 min  
Response: 2653284  
Conc: 21.95 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM AROMATIC HC STD



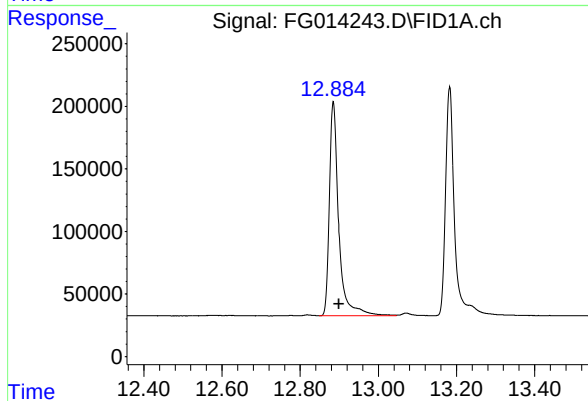
#10 Anthracene (C19.43)

R.T.: 11.137 min  
Delta R.T.: -0.015 min  
Response: 2856070  
Conc: 20.59 ug/ml



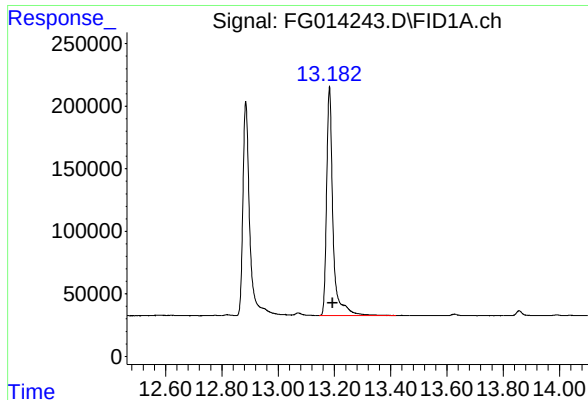
#11 ortho-Terphenyl (SURR)

R.T.: 11.832 min  
Delta R.T.: 0.000 min  
Response: 2936747  
Conc: 21.79 ug/ml



#12 Fluoranthene (C21.85)

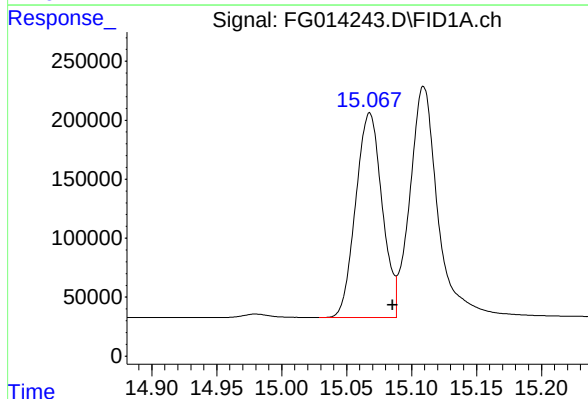
R.T.: 12.885 min  
Delta R.T.: -0.014 min  
Response: 2868639  
Conc: 22.13 ug/ml



#13 Pyrene (C20.8)

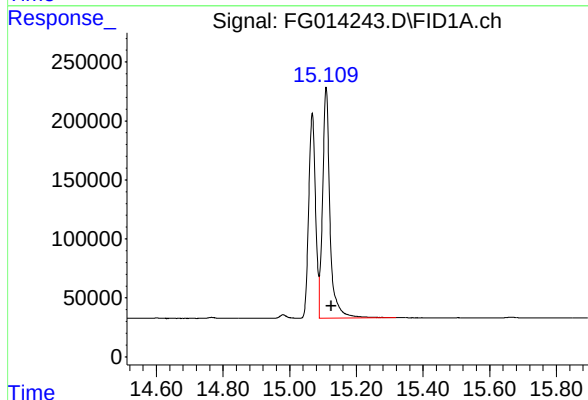
R.T.: 13.182 min  
Delta R.T.: -0.011 min  
Response: 2890664  
Conc: 22.14 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM AROMATIC HC STD



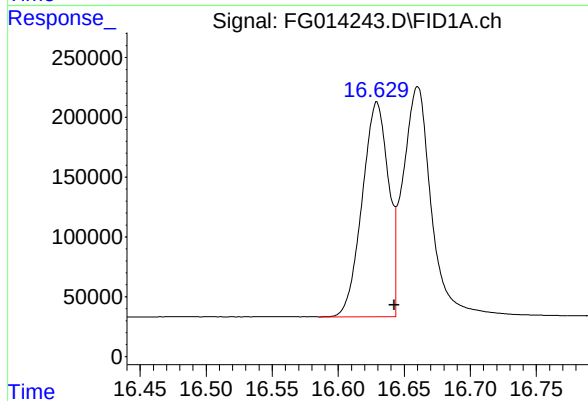
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.068 min  
Delta R.T.: -0.018 min  
Response: 2455784  
Conc: 21.59 ug/ml



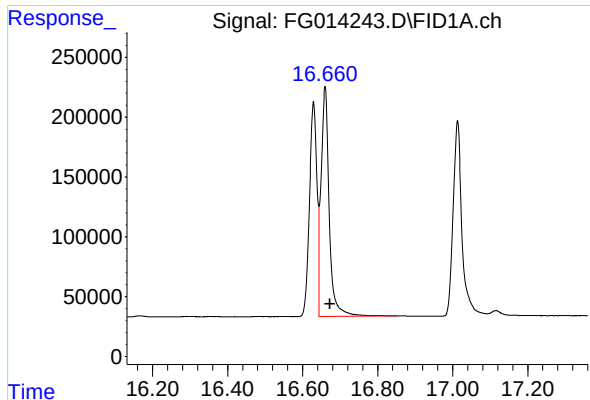
#15 Chrysene (C27.41)

R.T.: 15.109 min  
Delta R.T.: -0.016 min  
Response: 3017634  
Conc: 21.35 ug/ml



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

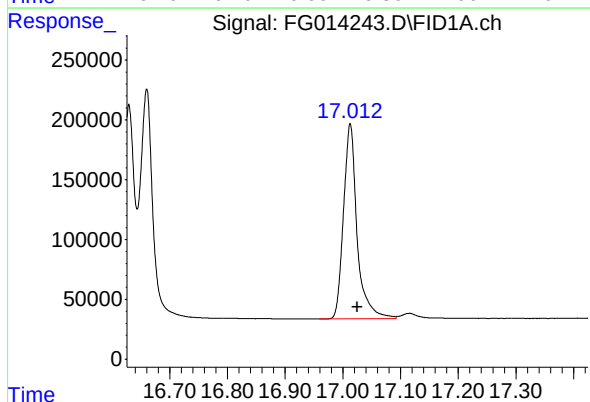
R.T.: 16.629 min  
Delta R.T.: -0.013 min  
Response: 2490308  
Conc: 21.73 ug/ml



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

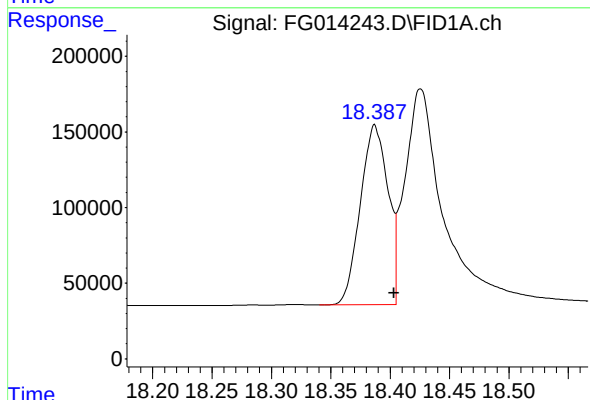
R.T.: 16.660 min  
Delta R.T.: -0.013 min  
Response: 2927753  
Conc: 21.77 ug/ml

Instrument :  
FID\_G  
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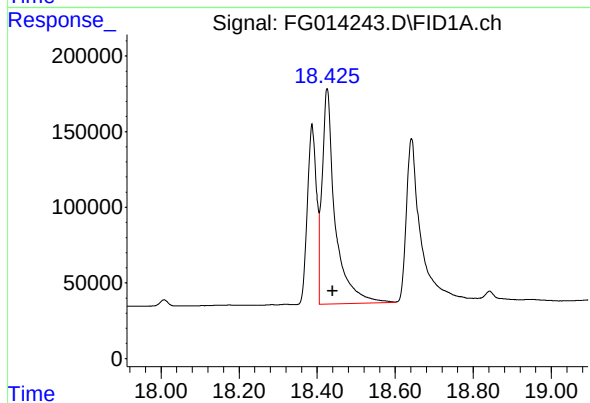
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.013 min  
Delta R.T.: -0.012 min  
Response: 2670926  
Conc: 21.49 ug/ml



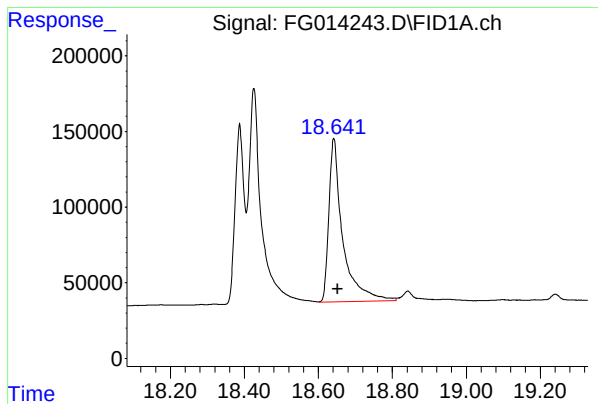
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.387 min  
Delta R.T.: -0.016 min  
Response: 1928762  
Conc: 19.51 ug/ml



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

R.T.: 18.426 min  
Delta R.T.: -0.014 min  
Response: 3347949  
Conc: 22.74 ug/ml



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

R.T.: 18.642 min

Delta R.T.: -0.010 min

Response: 2816725

Conc: 21.55 ug/ml

Instrument :

FID\_G

ClientSampleId :

20 PPM AROMATIC HC STD