

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090424AR\  
 Data File : FG014169.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2024 11:42  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD ICV  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Sep 04 12:28:38 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...      | 7.889  | 2291523    | 20.482 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.96%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.765  | 1509379    | 20.731 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.46%       |
| 11) S ortho-Terphenyl (SURR)       | 11.833 | 2697600    | 20.012 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.02%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.492  | 2541360    | 19.741 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.162  | 2620485    | 20.774 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.261  | 2589143    | 20.328 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.563  | 2621454    | 20.169 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.862  | 2734429    | 19.745 ug/ml |
| 8) T Fluorene (C16.55)             | 9.655  | 2641250    | 20.377 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.064 | 2482400    | 20.540 ug/ml |
| 10) T Anthracene (C19.43)          | 11.140 | 2728220    | 19.665 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.890 | 2647480    | 20.422 ug/ml |
| 13) T Pyrene (C20.8)               | 13.188 | 2655911    | 20.340 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.074 | 2351966    | 20.675 ug/ml |
| 15) T Chrysene (C27.41)            | 15.115 | 2728220    | 19.299 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.634 | 2343786    | 20.449 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.666 | 2595772    | 19.304 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.018 | 2464866    | 19.837 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.392 | 1921684    | 19.441 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.431 | 3057640    | 20.770 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.651 | 2662614    | 20.372 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

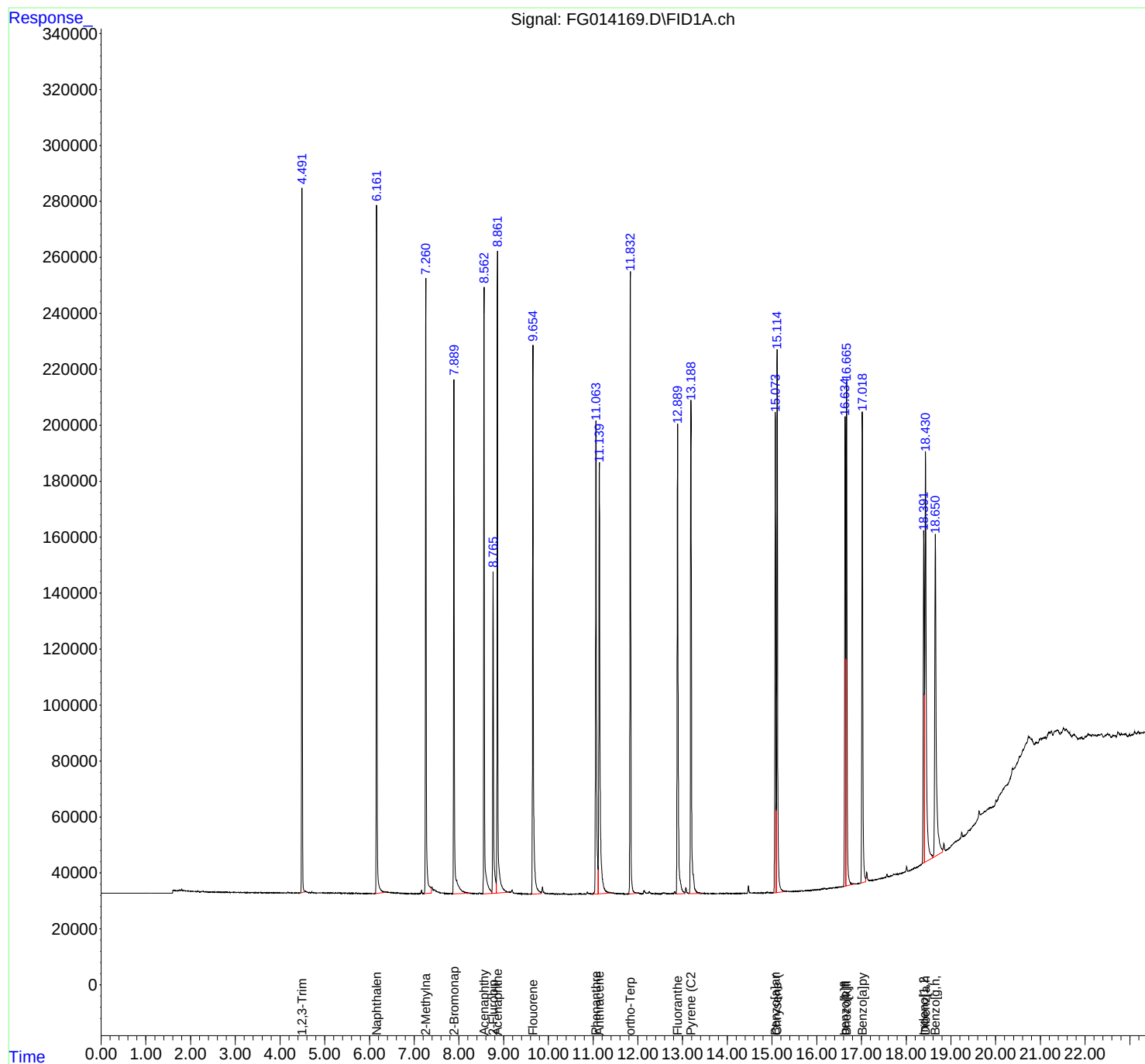
(m)=manual int.

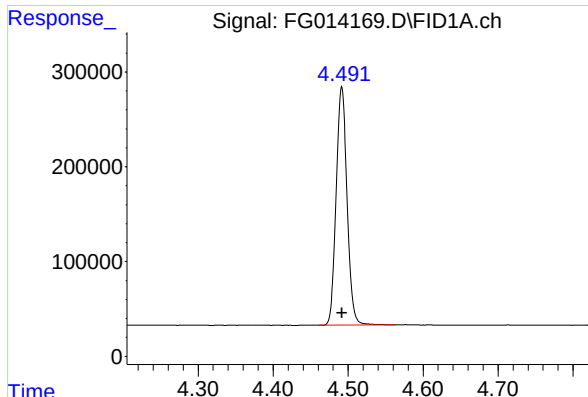
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090424AR\  
Data File : FG014169.D  
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Integrator: ChemStation

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





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

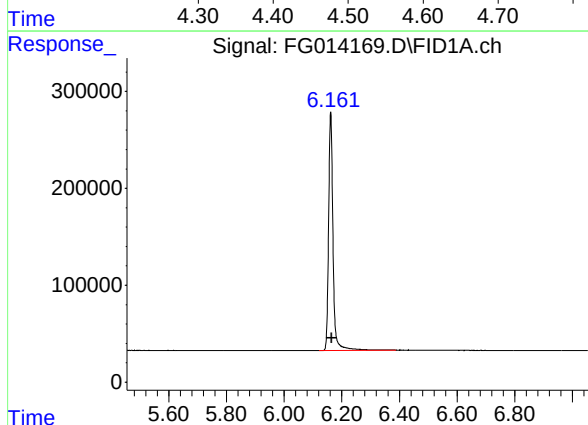
R.T.: 4.492 min  
Delta R.T.: 0.000 min  
Response: 2541360  
Conc: 19.74 ug/ml

Instrument :

FID\_G

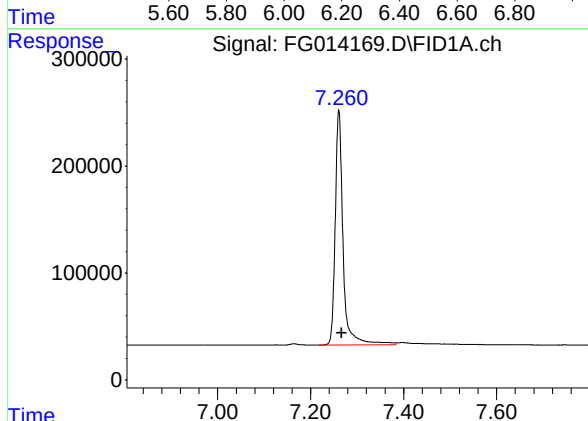
ClientSampleId :

20 PPM AROMATIC HC STD ICV



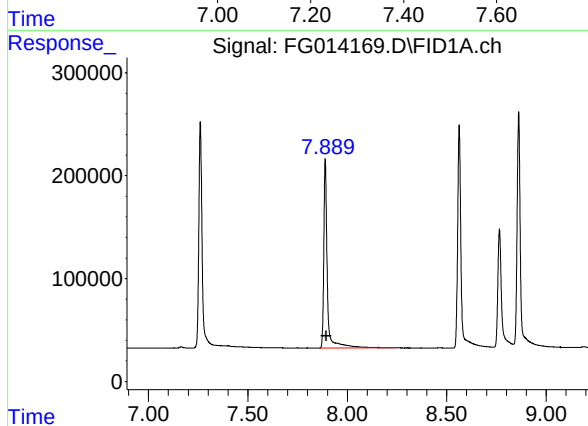
#2 Naphthalene (C11.7)

R.T.: 6.162 min  
Delta R.T.: -0.003 min  
Response: 2620485  
Conc: 20.77 ug/ml



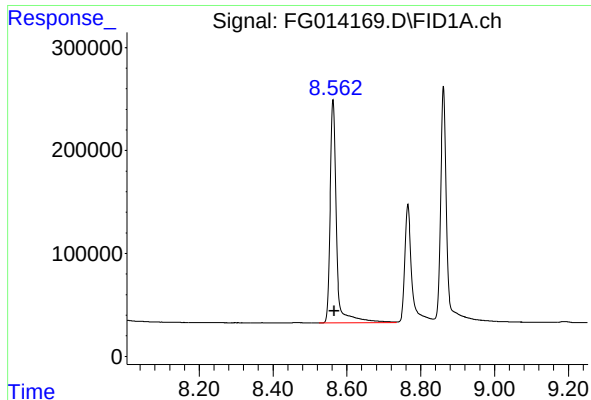
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.261 min  
Delta R.T.: -0.005 min  
Response: 2589143  
Conc: 20.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.889 min  
Delta R.T.: -0.006 min  
Response: 2291523  
Conc: 20.48 ug/ml



#5 Acenaphthylene (C15.06)

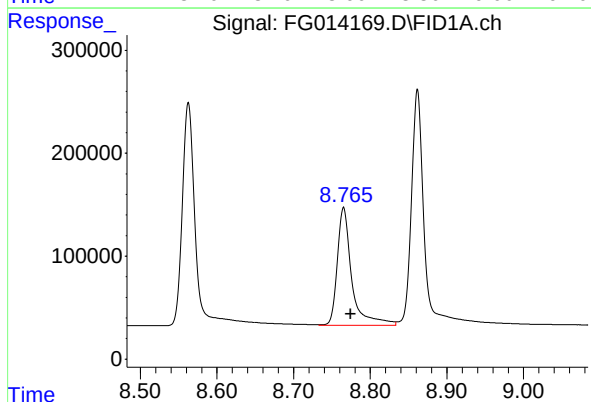
R.T.: 8.563 min  
Delta R.T.: -0.004 min  
Response: 2621454  
Conc: 20.17 ug/ml

Instrument :

FID\_G

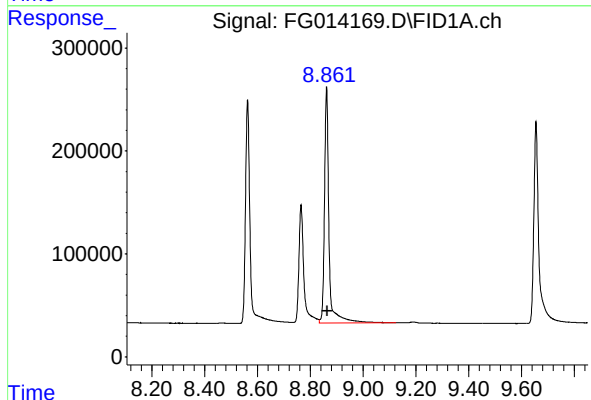
ClientSampleId :

20 PPM AROMATIC HC STD ICV



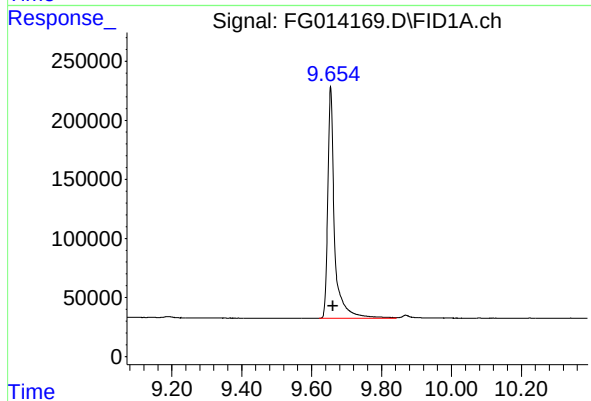
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.765 min  
Delta R.T.: -0.010 min  
Response: 1509379  
Conc: 20.73 ug/ml



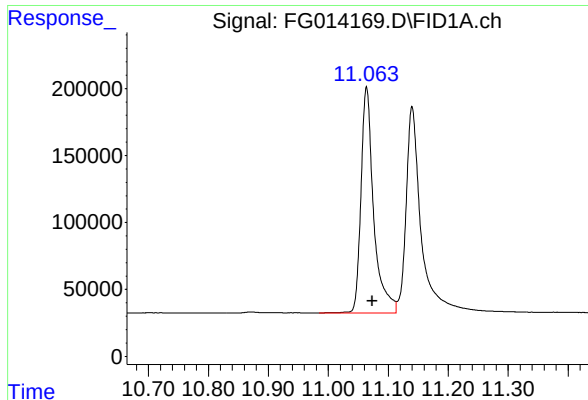
#7 Acenaphthene (C15.5)

R.T.: 8.862 min  
Delta R.T.: -0.003 min  
Response: 2734429  
Conc: 19.75 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.655 min  
Delta R.T.: -0.006 min  
Response: 2641250  
Conc: 20.38 ug/ml



#9 Phenanthrene (C19.36)

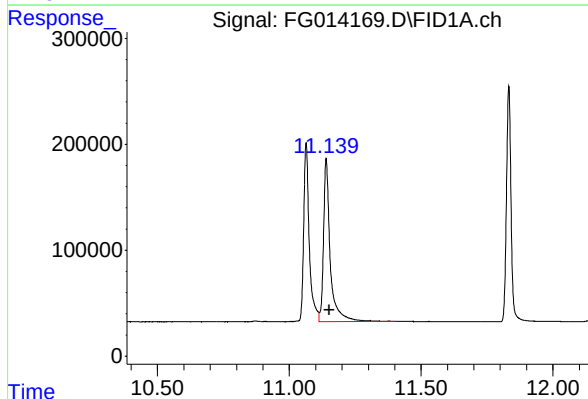
R.T.: 11.064 min  
Delta R.T.: -0.009 min  
Response: 2482400  
Conc: 20.54 ug/ml

Instrument :

FID\_G

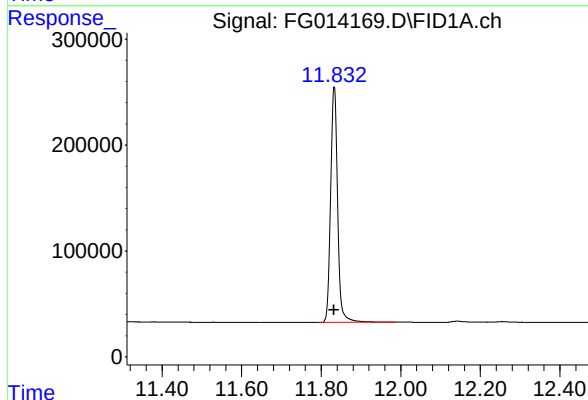
ClientSampleId :

20 PPM AROMATIC HC STD ICV



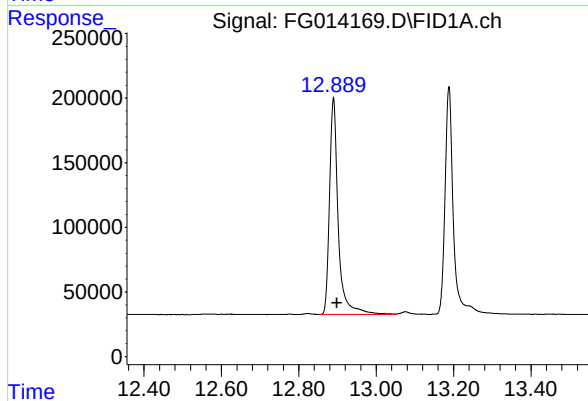
#10 Anthracene (C19.43)

R.T.: 11.140 min  
Delta R.T.: -0.012 min  
Response: 2728220  
Conc: 19.66 ug/ml



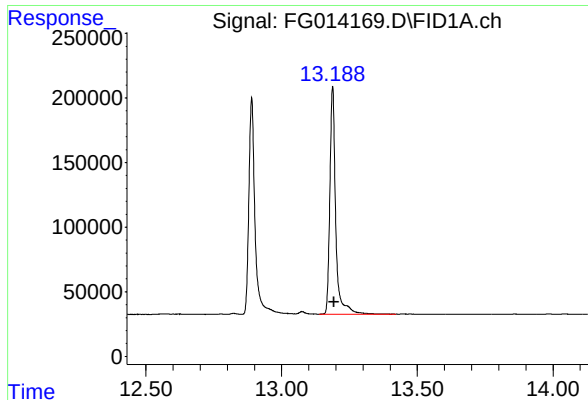
#11 ortho-Terphenyl (SURR)

R.T.: 11.833 min  
Delta R.T.: 0.000 min  
Response: 2697600  
Conc: 20.01 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.890 min  
Delta R.T.: -0.009 min  
Response: 2647480  
Conc: 20.42 ug/ml



#13 Pyrene (C20.8)

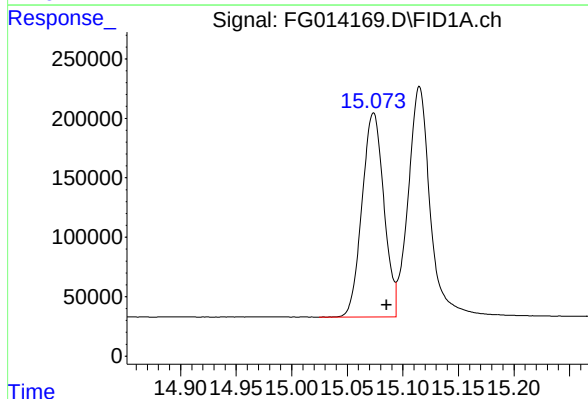
R.T.: 13.188 min  
Delta R.T.: -0.006 min  
Response: 2655911  
Conc: 20.34 ug/ml

Instrument :

FID\_G

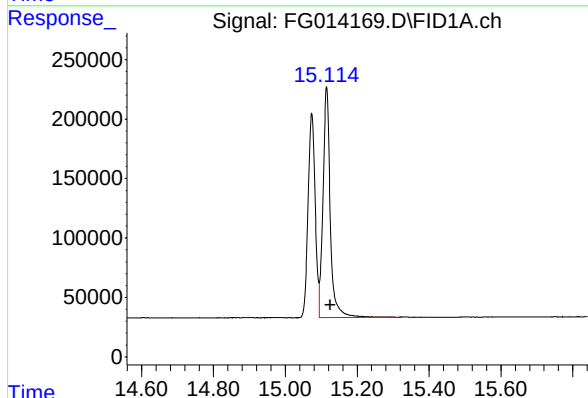
ClientSampleId :

20 PPM AROMATIC HC STD ICV



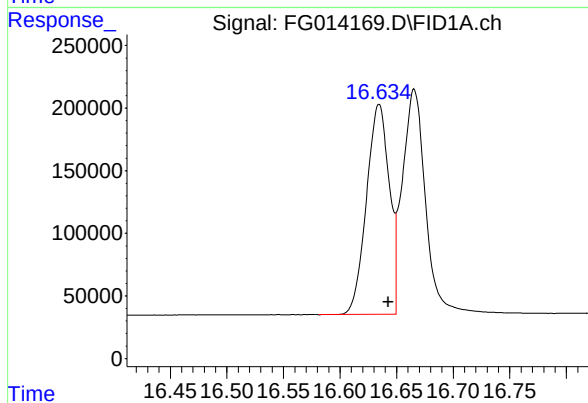
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.074 min  
Delta R.T.: -0.012 min  
Response: 2351966  
Conc: 20.67 ug/ml



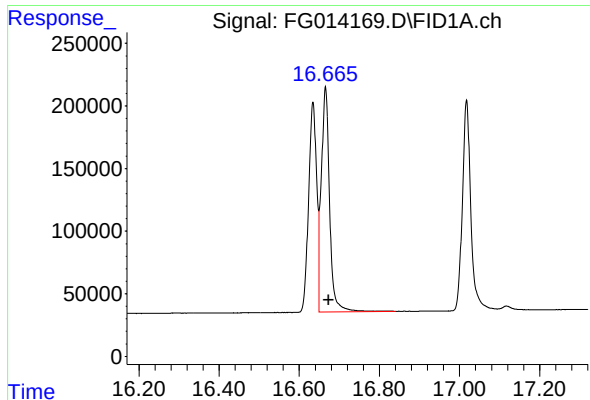
#15 Chrysene (C27.41)

R.T.: 15.115 min  
Delta R.T.: -0.010 min  
Response: 2728220  
Conc: 19.30 ug/ml



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

R.T.: 16.634 min  
Delta R.T.: -0.008 min  
Response: 2343786  
Conc: 20.45 ug/ml



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

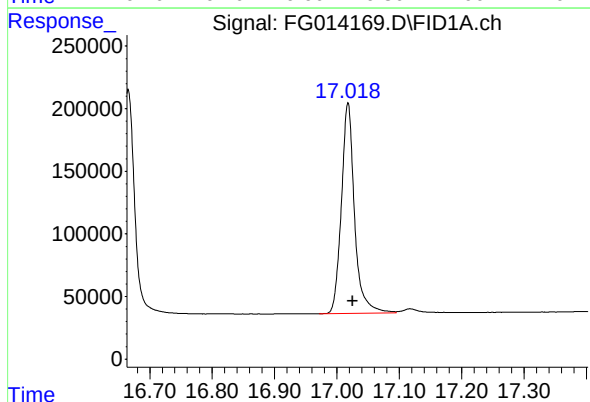
R.T.: 16.666 min  
Delta R.T.: -0.008 min  
Response: 2595772  
Conc: 19.30 ug/ml

Instrument :

FID\_G

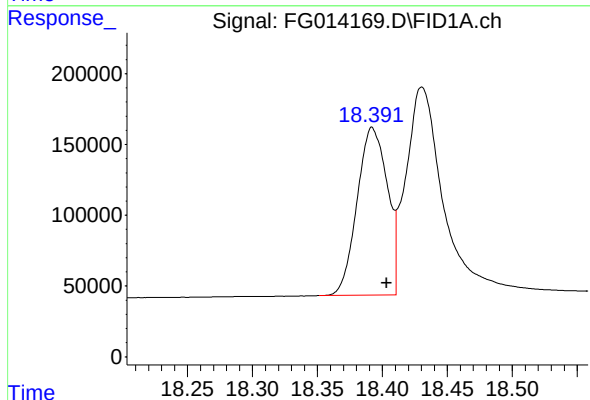
ClientSampleId :

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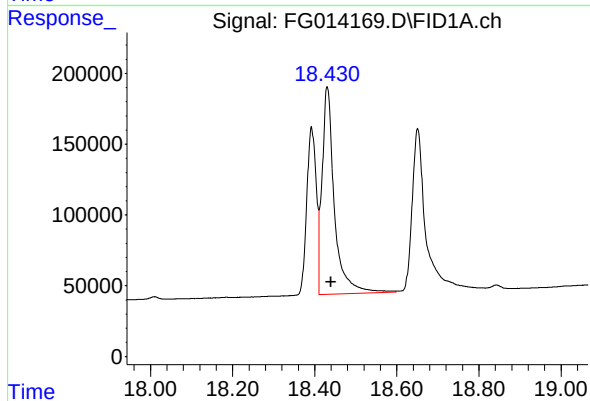
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.018 min  
Delta R.T.: -0.007 min  
Response: 2464866  
Conc: 19.84 ug/ml



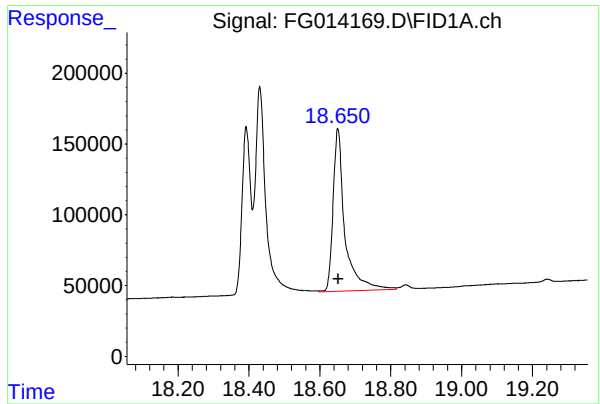
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.392 min  
Delta R.T.: -0.011 min  
Response: 1921684  
Conc: 19.44 ug/ml



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

R.T.: 18.431 min  
Delta R.T.: -0.009 min  
Response: 3057640  
Conc: 20.77 ug/ml



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

R.T.: 18.651 min  
Delta R.T.: -0.001 min  
Response: 2662614  
Conc: 20.37 ug/ml

Instrument :

FID\_G

ClientSampleId :

20 PPM AROMATIC HC STD ICV