

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081125AR\  
 Data File : FD049605.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Aug 2025 10:39  
 Operator : YP/AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Aug 11 12:30:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 081125.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 11 12:28:11 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...      | 7.718  | 10200327   | 99.624 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 199.25%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.585  | 7342726    | 100.298 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 200.60%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.633 | 12735425   | 99.064 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 198.13%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.507  | 9872310    | 98.594 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.053  | 11375898   | 99.617 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.110  | 11900671   | 99.814 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.390  | 12459323   | 99.536 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.688  | 12458743   | 99.608 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.470  | 12598476   | 99.741 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.869 | 12906091   | 100.034 ug/ml |
| 10) T Anthracene (C19.43)          | 10.946 | 12367340   | 100.028 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.686 | 12816378   | 99.939 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.985 | 12735305   | 99.947 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.856 | 11649435   | 100.300 ug/ml |
| 15) T Chrysene (C27.41)            | 14.904 | 11783614   | 100.111 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.408 | 11290529   | 99.519 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.448 | 10514497   | 99.479 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.792 | 10929465   | 99.023 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.157 | 10293944   | 99.925 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.198 | 10048965   | 96.503 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.419 | 10609120   | 98.208 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

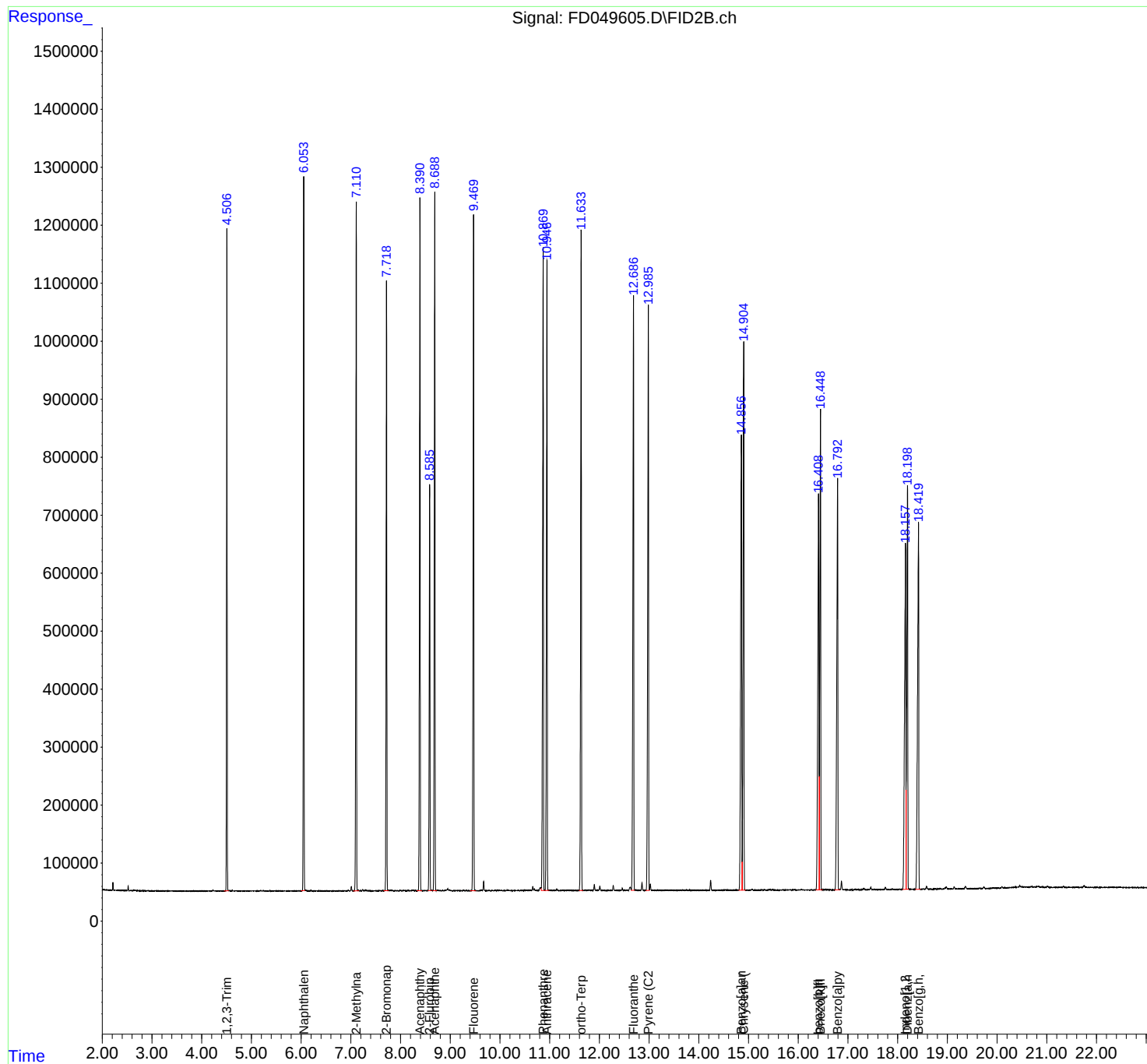
(m)=manual int.

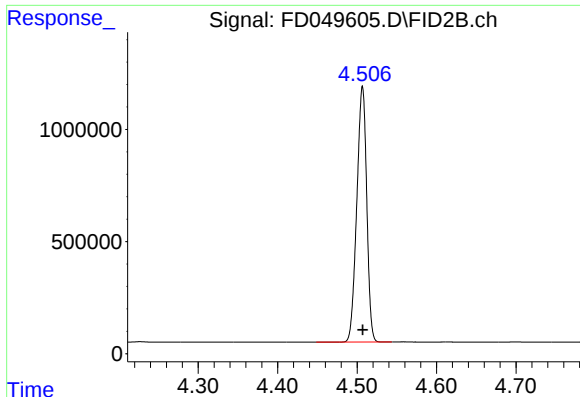
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081125AR\  
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





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

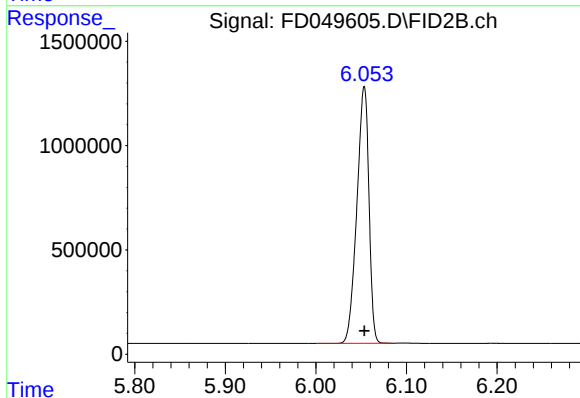
R.T.: 4.507 min  
Delta R.T.: 0.000 min  
Response: 9872310  
Conc: 98.59 ug/ml

Instrument :

FID\_D

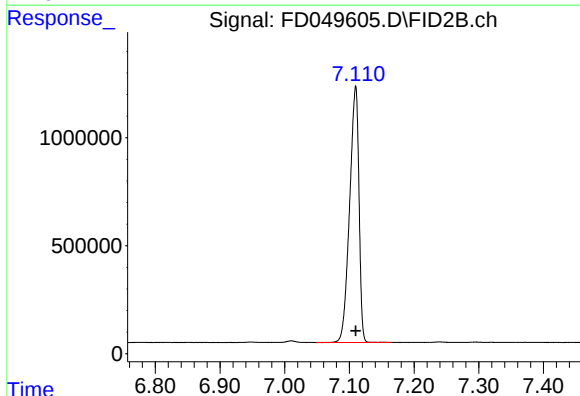
ClientSampleId :

100 PPM AROMATIC HC STD1



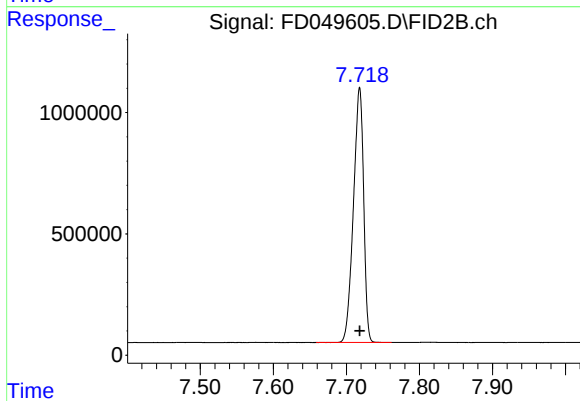
#2 Naphthalene (C11.7)

R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 11375898  
Conc: 99.62 ug/ml



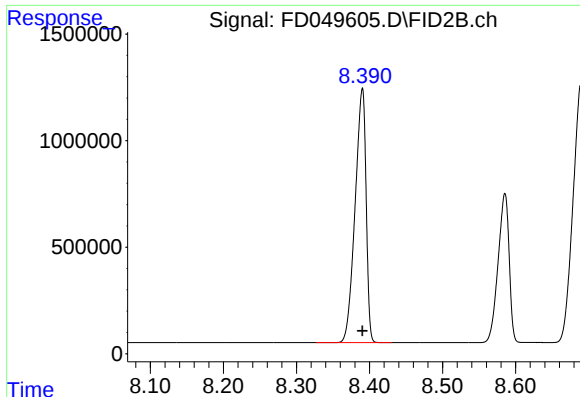
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.110 min  
Delta R.T.: 0.000 min  
Response: 11900671  
Conc: 99.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.718 min  
Delta R.T.: 0.000 min  
Response: 10200327  
Conc: 99.62 ug/ml



#5 Acenaphthylene (C15.06)

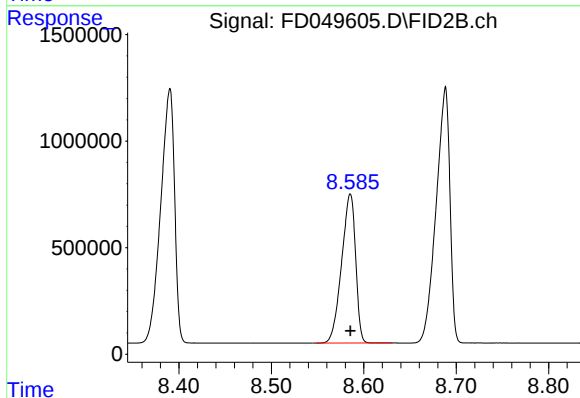
R.T.: 8.390 min  
Delta R.T.: 0.000 min  
Response: 12459323  
Conc: 99.54 ug/ml

Instrument :

FID\_D

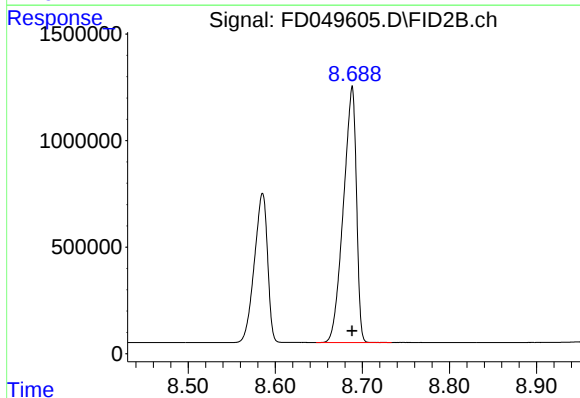
ClientSampleId :

100 PPM AROMATIC HC STD1



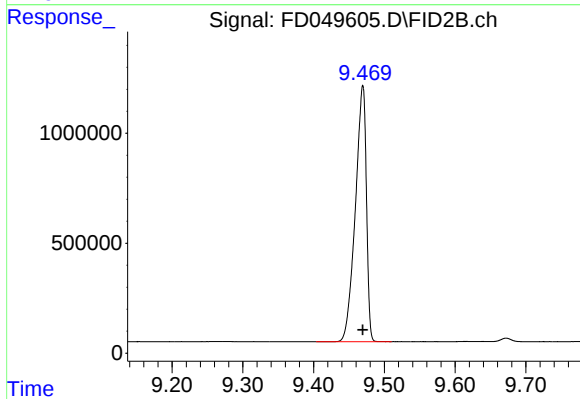
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.585 min  
Delta R.T.: 0.000 min  
Response: 7342726  
Conc: 100.30 ug/ml



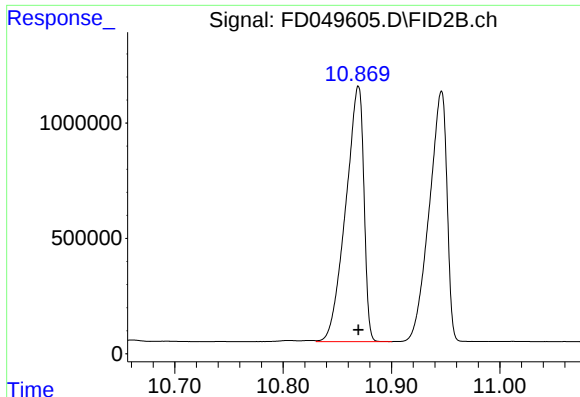
#7 Acenaphthene (C15.5)

R.T.: 8.688 min  
Delta R.T.: 0.000 min  
Response: 12458743  
Conc: 99.61 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.470 min  
Delta R.T.: 0.000 min  
Response: 12598476  
Conc: 99.74 ug/ml



#9 Phenanthrene (C19.36)

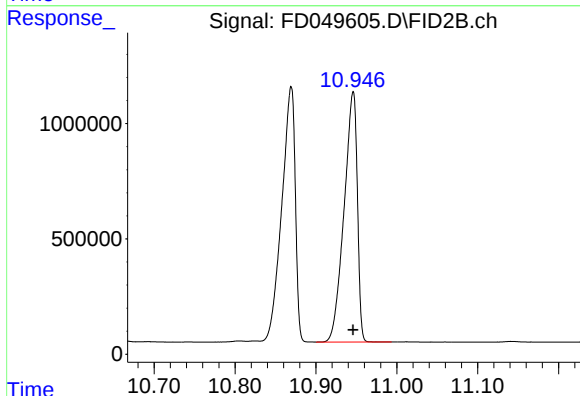
R.T.: 10.869 min  
Delta R.T.: 0.000 min  
Response: 12906091  
Conc: 100.03 ug/ml

Instrument :

FID\_D

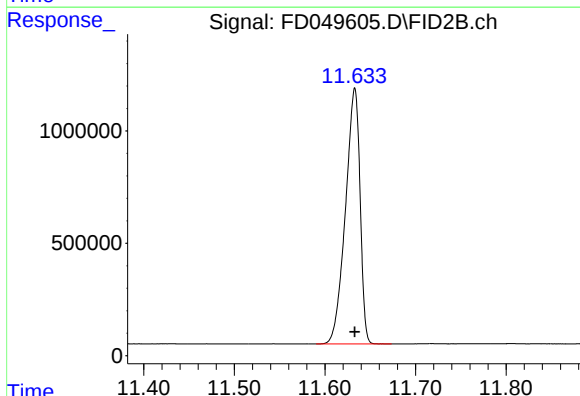
ClientSampleId :

100 PPM AROMATIC HC STD1



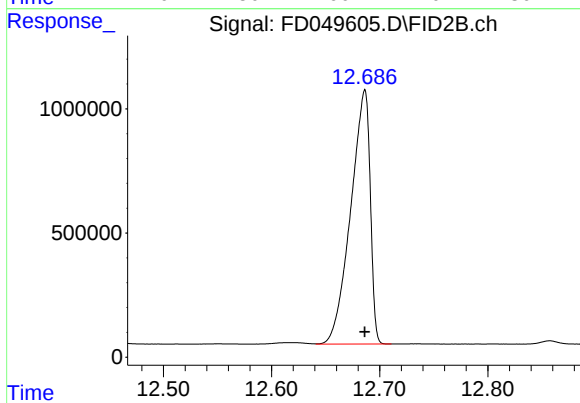
#10 Anthracene (C19.43)

R.T.: 10.946 min  
Delta R.T.: 0.000 min  
Response: 12367340  
Conc: 100.03 ug/ml



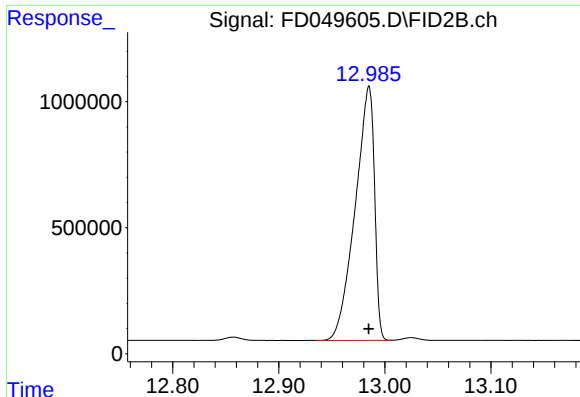
#11 ortho-Terphenyl (SURR)

R.T.: 11.633 min  
Delta R.T.: 0.000 min  
Response: 12735425  
Conc: 99.06 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.686 min  
Delta R.T.: 0.000 min  
Response: 12816378  
Conc: 99.94 ug/ml



#13 Pyrene (C20.8)

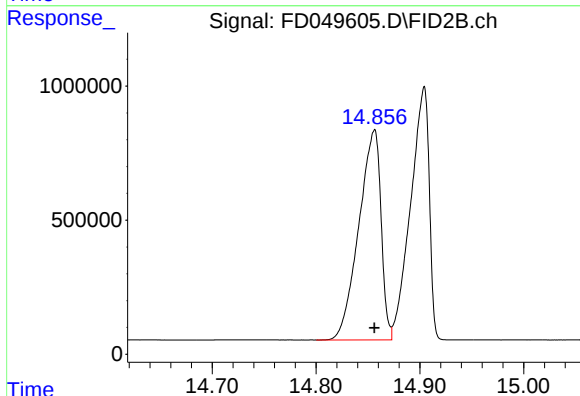
R.T.: 12.985 min  
Delta R.T.: 0.000 min  
Response: 12735305  
Conc: 99.95 ug/ml

Instrument :

FID\_D

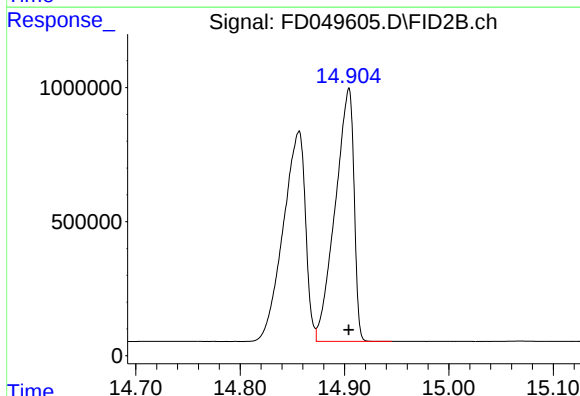
ClientSampleId :

100 PPM AROMATIC HC STD1



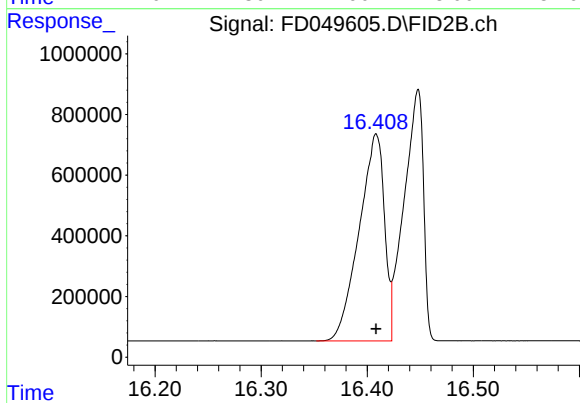
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.856 min  
Delta R.T.: 0.000 min  
Response: 11649435  
Conc: 100.30 ug/ml



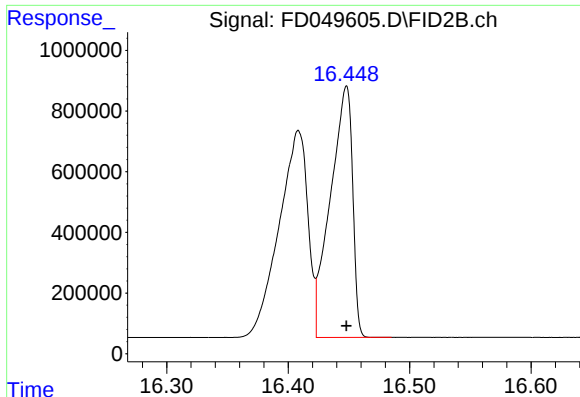
#15 Chrysene (C27.41)

R.T.: 14.904 min  
Delta R.T.: 0.000 min  
Response: 11783614  
Conc: 100.11 ug/ml



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

R.T.: 16.408 min  
Delta R.T.: 0.000 min  
Response: 11290529  
Conc: 99.52 ug/ml



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

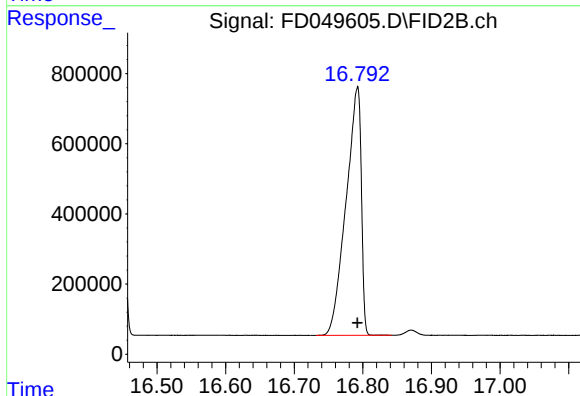
R.T.: 16.448 min  
Delta R.T.: 0.000 min  
Response: 10514497  
Conc: 99.48 ug/ml

Instrument :

FID\_D

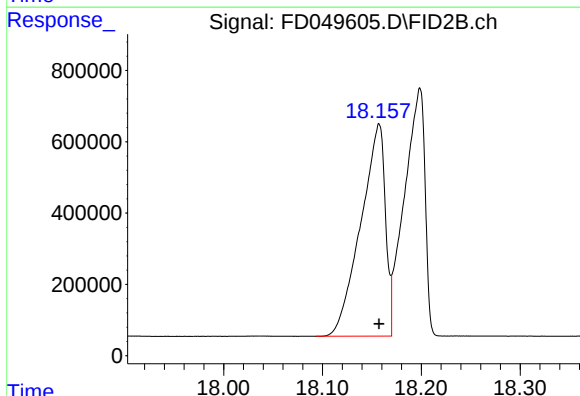
ClientSampleId :

100 PPM AROMATIC HC STD1



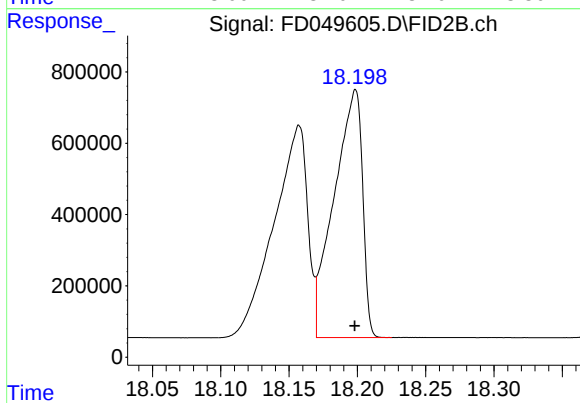
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.792 min  
Delta R.T.: 0.000 min  
Response: 10929465  
Conc: 99.02 ug/ml



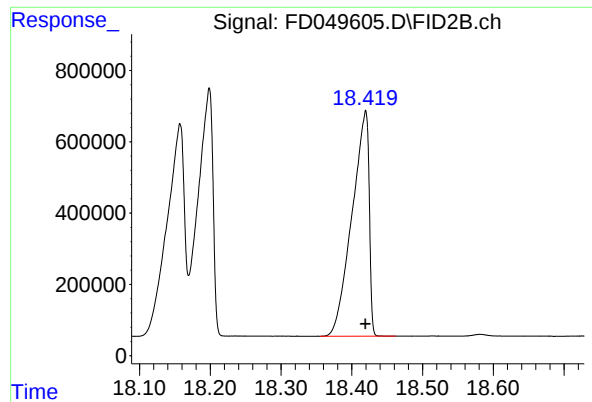
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.157 min  
Delta R.T.: 0.000 min  
Response: 10293944  
Conc: 99.92 ug/ml



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

R.T.: 18.198 min  
Delta R.T.: 0.000 min  
Response: 10048965  
Conc: 96.50 ug/ml



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

R.T.: 18.419 min  
Delta R.T.: 0.000 min  
Response: 10609120  
Conc: 98.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
100 PPM AROMATIC HC STD1