

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040225AR\  
 Data File : FD049212.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Apr 2025 15:55  
 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: Apr 02 18:56:49 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040225.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 02 18:53:34 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...      | 7.753  | 11220827   | 97.738 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 195.48%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.621  | 8067475    | 99.705 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 199.41%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.664 | 13951534   | 97.015 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 194.03%       |
|                                    |        |            |               |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.543  | 10388896   | 96.851 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.090  | 11963882   | 98.089 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.145  | 12093750   | 99.030 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.426  | 13435483   | 97.606 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.722  | 13120872   | 98.532 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.503  | 13356107   | 99.874 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.903 | 13950641   | 99.053 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.979 | 12909133   | 102.337 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.718 | 14312021   | 97.979 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.017 | 14362166   | 97.700 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.885 | 12300574   | 104.152 ug/ml |
| 15) T Chrysene (C27.41)            | 14.933 | 12452383   | 101.969 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.437 | 12160698   | 99.656 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.476 | 11761761   | 101.291 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.819 | 11132876   | 100.696 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.183 | 10259510   | 102.600 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.221 | 9173627    | 106.724 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.445 | 10817790   | 98.356 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

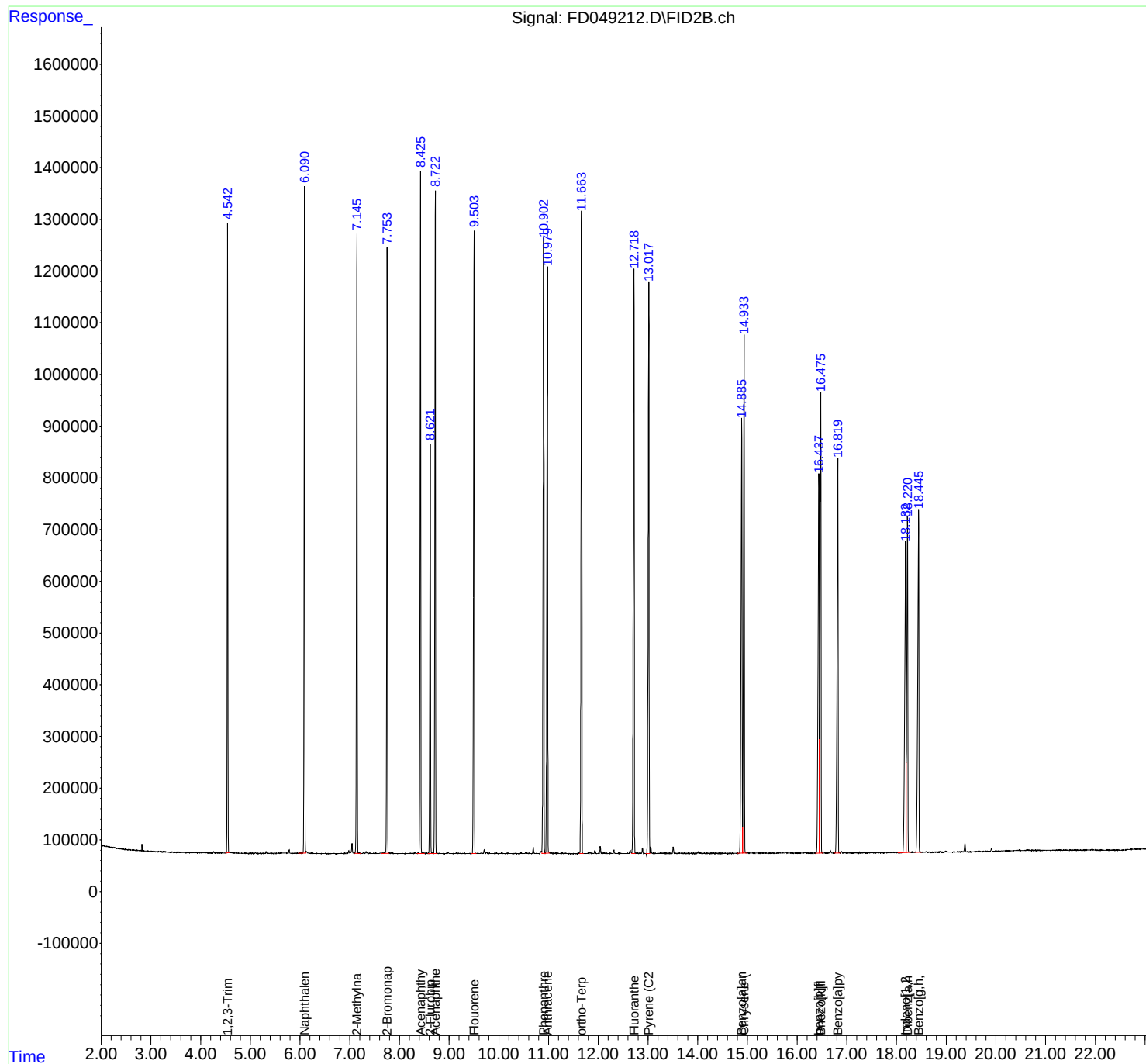
(m)=manual int.

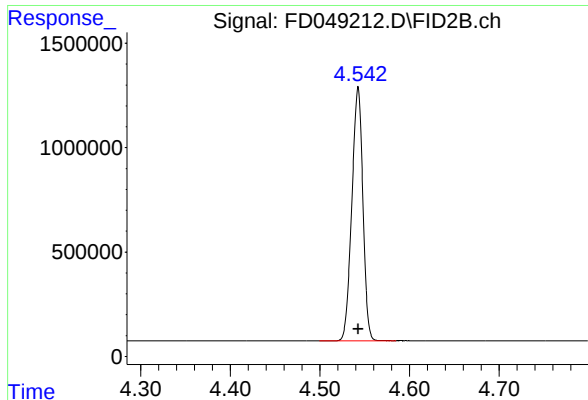
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040225AR\  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





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

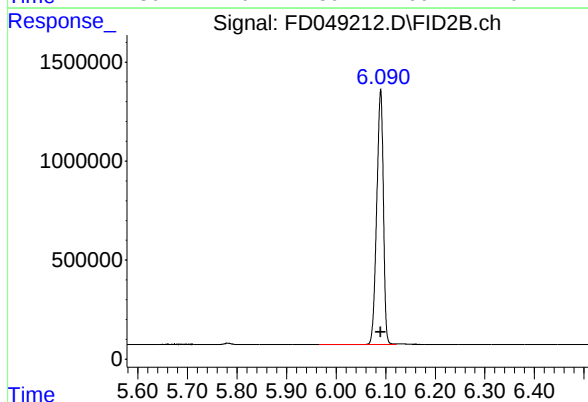
R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 10388896  
Conc: 96.85 ug/ml

Instrument :

FID\_D

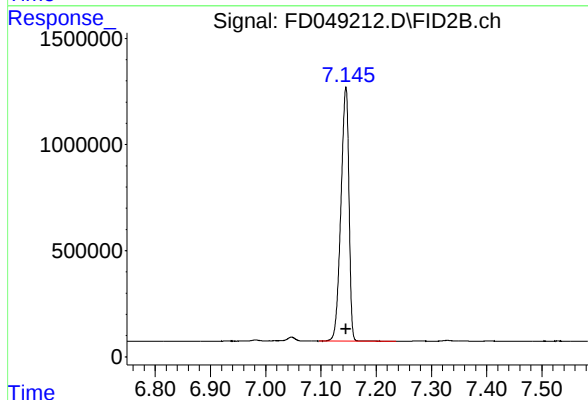
ClientSampleId :

100 PPM AROMATIC HC STD1



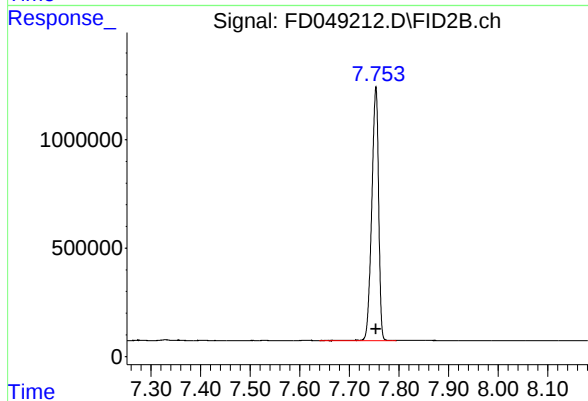
#2 Naphthalene (C11.7)

R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 11963882  
Conc: 98.09 ug/ml



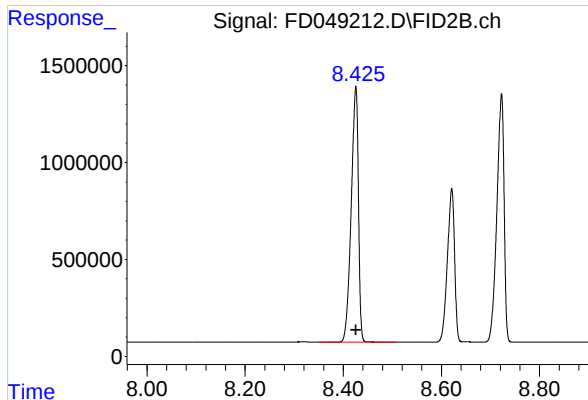
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 12093750  
Conc: 99.03 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.753 min  
Delta R.T.: 0.000 min  
Response: 11220827  
Conc: 97.74 ug/ml



#5 Acenaphthylene (C15.06)

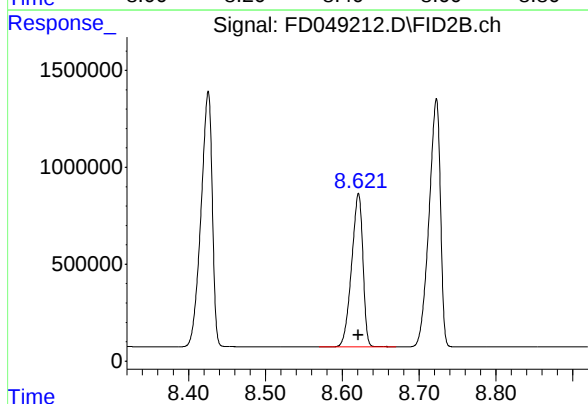
R.T.: 8.426 min  
Delta R.T.: 0.000 min  
Response: 13435483  
Conc: 97.61 ug/ml

Instrument :

FID\_D

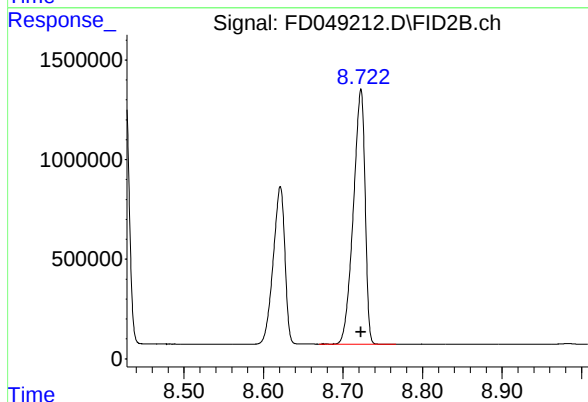
ClientSampleId :

100 PPM AROMATIC HC STD1



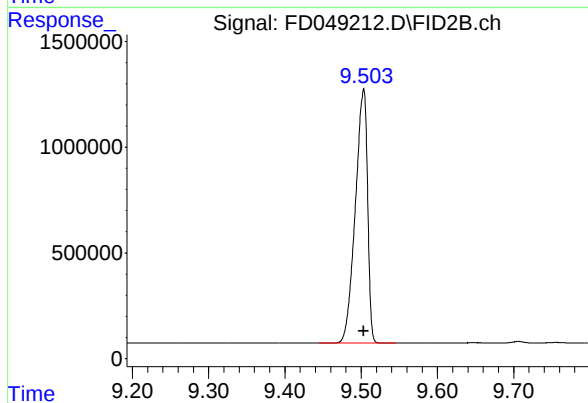
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.621 min  
Delta R.T.: 0.000 min  
Response: 8067475  
Conc: 99.70 ug/ml



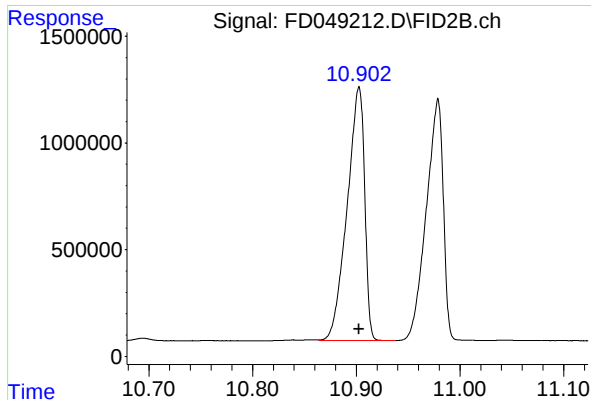
#7 Acenaphthene (C15.5)

R.T.: 8.722 min  
Delta R.T.: 0.000 min  
Response: 13120872  
Conc: 98.53 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.503 min  
Delta R.T.: 0.000 min  
Response: 13356107  
Conc: 99.87 ug/ml



#9 Phenanthrene (C19.36)

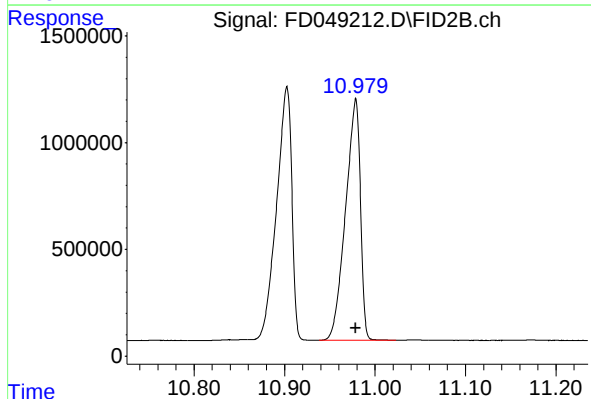
R.T.: 10.903 min  
Delta R.T.: 0.000 min  
Response: 13950641  
Conc: 99.05 ug/ml

Instrument :

FID\_D

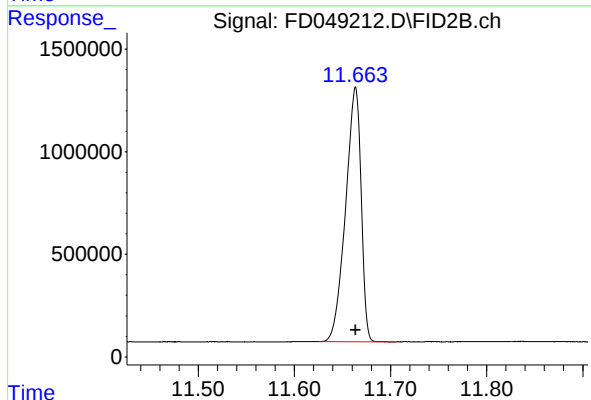
ClientSampleId :

100 PPM AROMATIC HC STD1



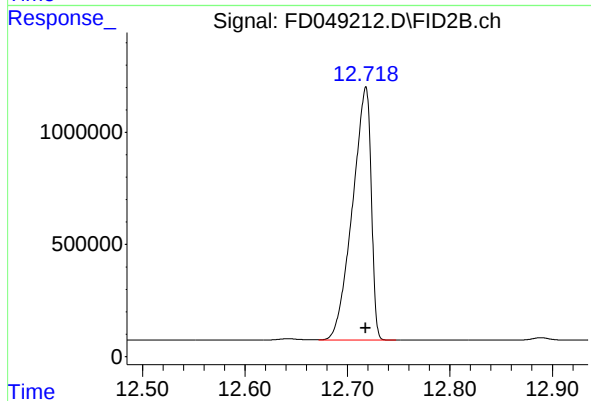
#10 Anthracene (C19.43)

R.T.: 10.979 min  
Delta R.T.: 0.000 min  
Response: 12909133  
Conc: 102.34 ug/ml



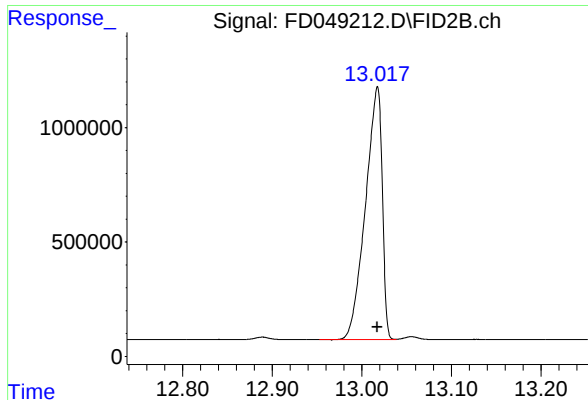
#11 ortho-Terphenyl (SURR)

R.T.: 11.664 min  
Delta R.T.: 0.000 min  
Response: 13951534  
Conc: 97.01 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.718 min  
Delta R.T.: 0.000 min  
Response: 14312021  
Conc: 97.98 ug/ml



#13 Pyrene (C20.8)

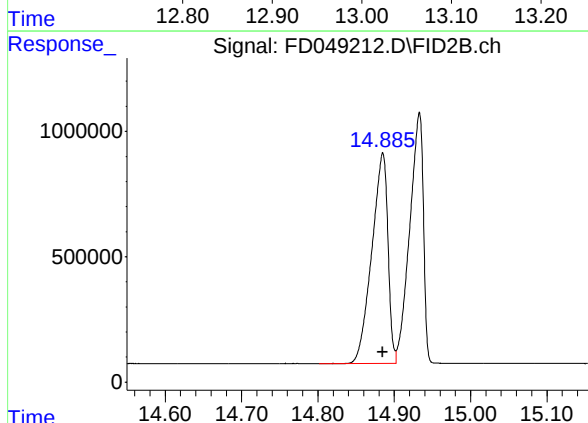
R.T.: 13.017 min  
Delta R.T.: 0.000 min  
Response: 14362166  
Conc: 97.70 ug/ml

Instrument :

FID\_D

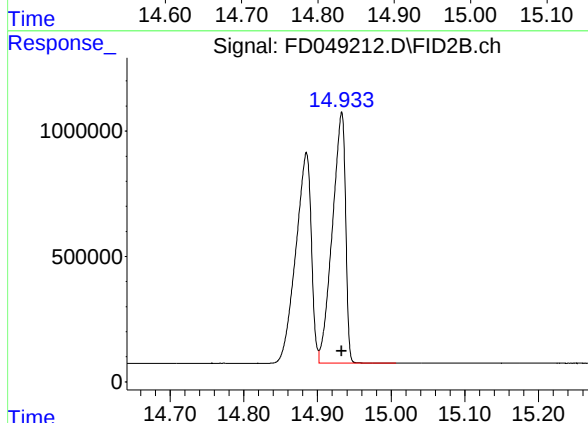
ClientSampleId :

100 PPM AROMATIC HC STD1



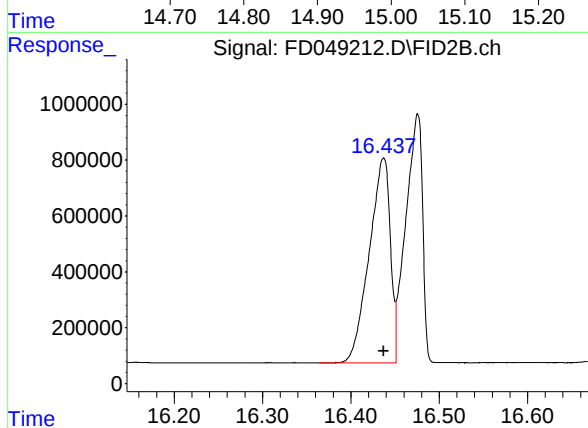
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.885 min  
Delta R.T.: 0.000 min  
Response: 12300574  
Conc: 104.15 ug/ml



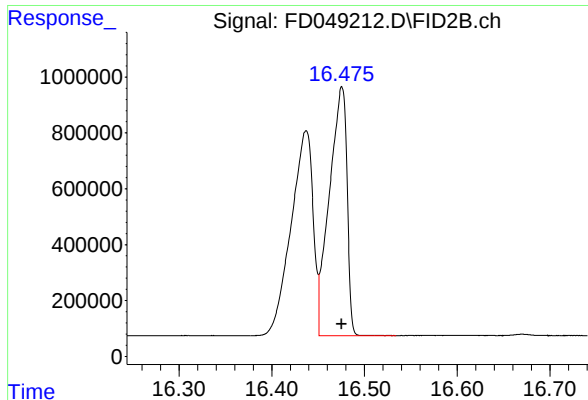
#15 Chrysene (C27.41)

R.T.: 14.933 min  
Delta R.T.: 0.000 min  
Response: 12452383  
Conc: 101.97 ug/ml



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

R.T.: 16.437 min  
Delta R.T.: 0.000 min  
Response: 12160698  
Conc: 99.66 ug/ml



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

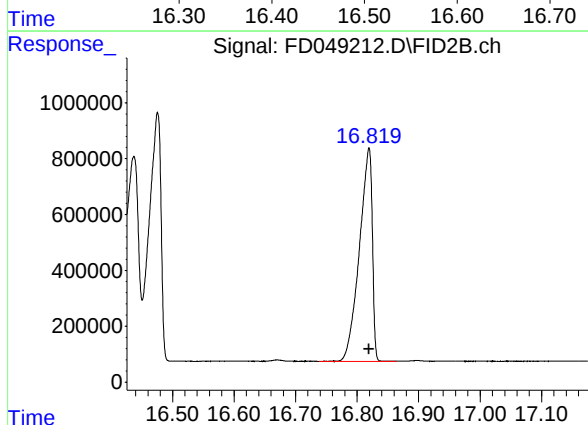
R.T.: 16.476 min  
Delta R.T.: 0.000 min  
Response: 11761761  
Conc: 101.29 ug/ml

Instrument :

FID\_D

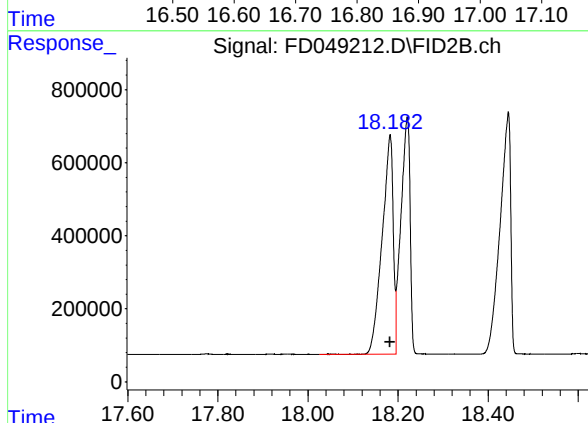
ClientSampleId :

100 PPM AROMATIC HC STD1



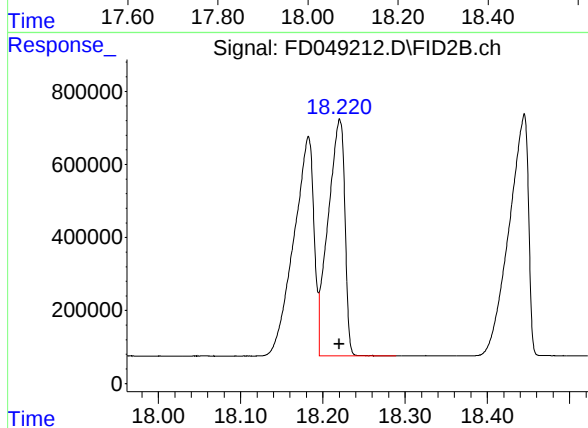
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.819 min  
Delta R.T.: 0.000 min  
Response: 11132876  
Conc: 100.70 ug/ml



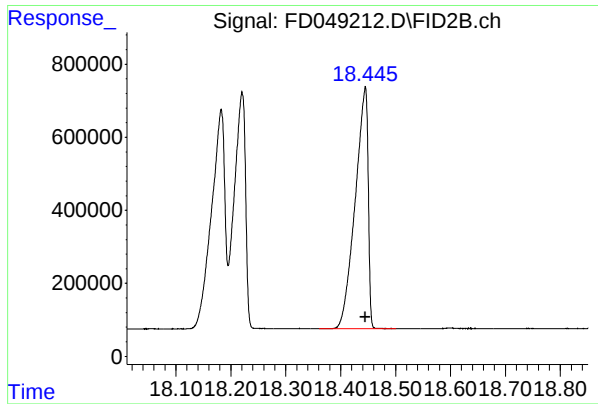
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.183 min  
Delta R.T.: 0.000 min  
Response: 10259510  
Conc: 102.60 ug/ml



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

R.T.: 18.221 min  
Delta R.T.: 0.000 min  
Response: 9173627  
Conc: 106.72 ug/ml



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

R.T.: 18.445 min  
Delta R.T.: 0.000 min  
Response: 10817790  
Conc: 98.36 ug/ml

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