

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040224AR\  
 Data File : FD047474.D  
 Signal(s) : FID2B.ch  
 Acq On : 01 Apr 2024 13:29  
 Operator : YP/AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 01 15:28:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 01 15:25:49 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...      | 7.467  | 15048358   | 100.938 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 201.88%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.322  | 10066995   | 101.981 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 203.96%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.360 | 17013057   | 100.312 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 200.62%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.281  | 15659327   | 100.255 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.807  | 16494371   | 100.947 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.857  | 16638025   | 101.083 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.126  | 15104950   | 100.588 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.424  | 16018842   | 100.668 ug/ml |
| 8) T Fluorene (C16.55)             | 9.201  | 15645356   | 101.128 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.591 | 15175814   | 101.048 ug/ml |
| 10) T Anthracene (C19.43)          | 10.667 | 14033429   | 101.927 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.398 | 14950733   | 101.184 ug/ml |
| 13) T Pyrene (C20.8)               | 12.692 | 14562109   | 101.210 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.558 | 13472739   | 101.739 ug/ml |
| 15) T Chrysene (C27.41)            | 14.606 | 14099872   | 100.914 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.106 | 14168410   | 101.448 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.145 | 13767994   | 100.948 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.485 | 13812401   | 100.835 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.849 | 14257117   | 103.534 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.889 | 13080041   | 99.280 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.107 | 13944770   | 100.931 ug/ml |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

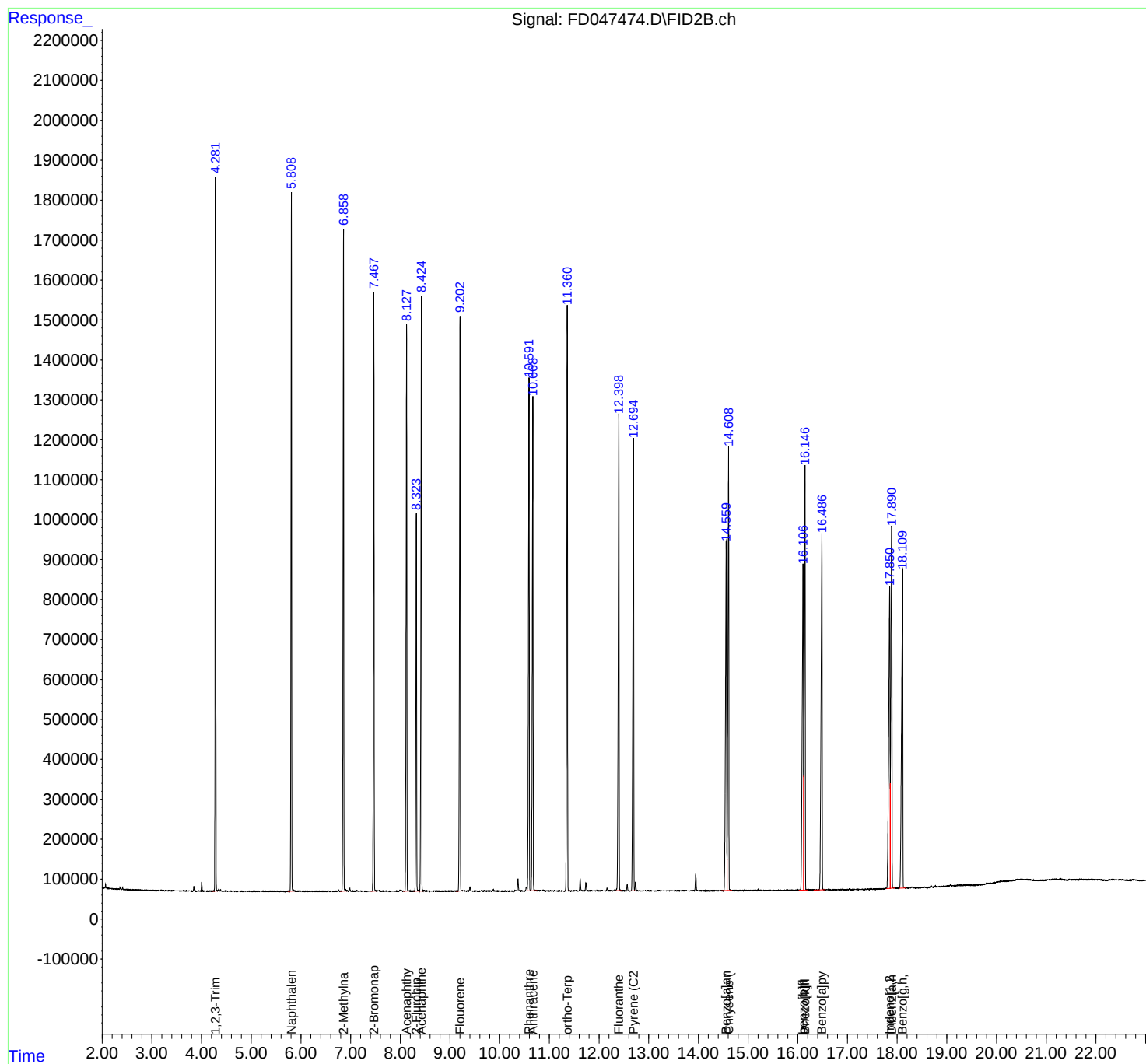
(m)=manual int.

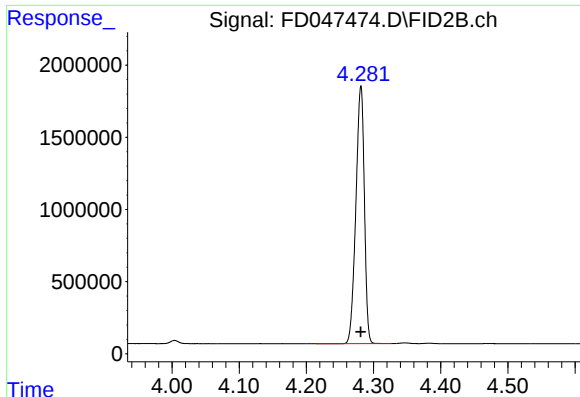
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040224AR\  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





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

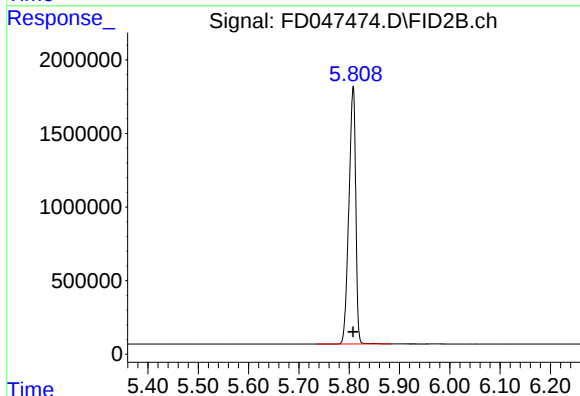
R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 15659327  
Conc: 100.25 ug/ml

Instrument :

FID\_D

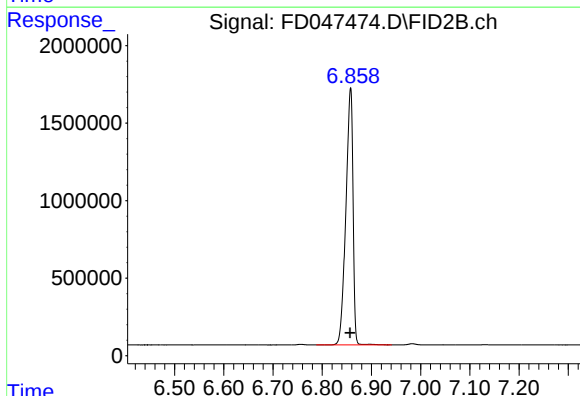
ClientSampleId :

100 PPM AROMATIC HC STD1



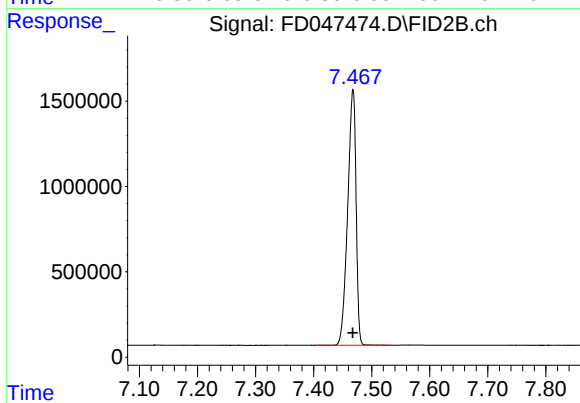
#2 Naphthalene (C11.7)

R.T.: 5.807 min  
Delta R.T.: 0.000 min  
Response: 16494371  
Conc: 100.95 ug/ml



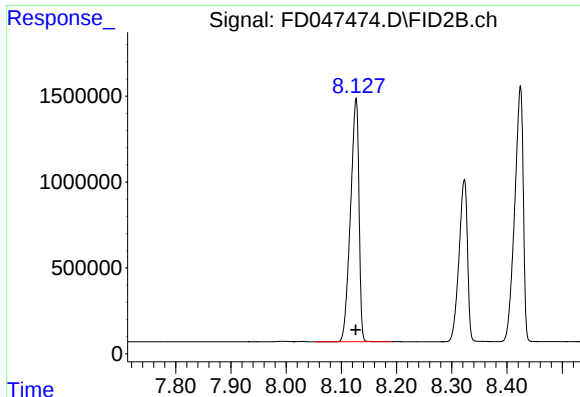
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 16638025  
Conc: 101.08 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.467 min  
Delta R.T.: 0.000 min  
Response: 15048358  
Conc: 100.94 ug/ml



#5 Acenaphthylene (C15.06)

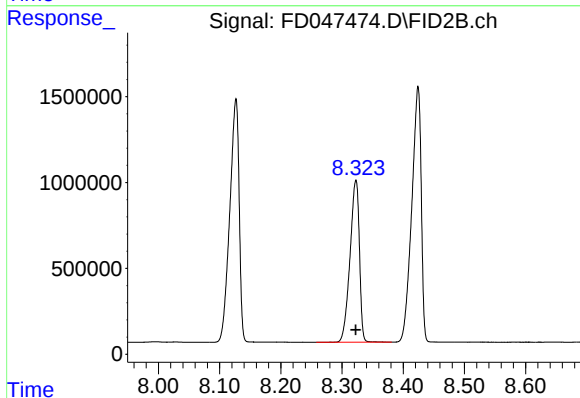
R.T.: 8.126 min  
Delta R.T.: 0.000 min  
Response: 15104950  
Conc: 100.59 ug/ml

Instrument :

FID\_D

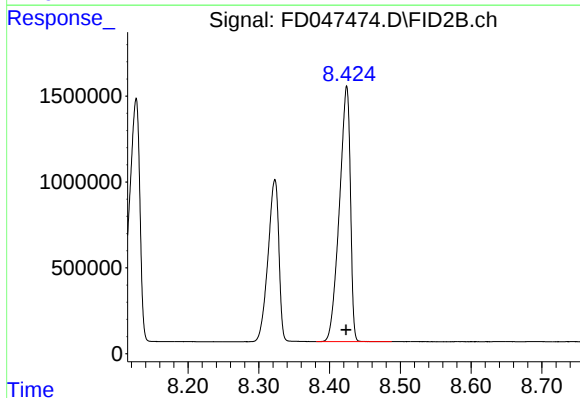
ClientSampleId :

100 PPM AROMATIC HC STD1



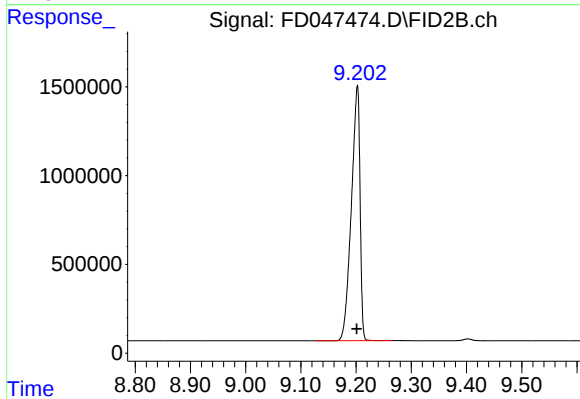
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min  
Delta R.T.: 0.000 min  
Response: 10066995  
Conc: 101.98 ug/ml



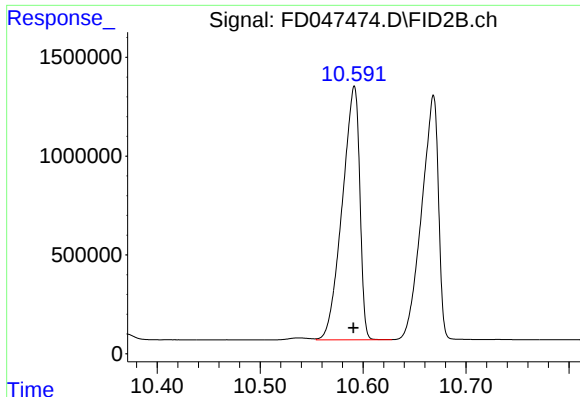
#7 Acenaphthene (C15.5)

R.T.: 8.424 min  
Delta R.T.: 0.000 min  
Response: 16018842  
Conc: 100.67 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 15645356  
Conc: 101.13 ug/ml



#9 Phenanthrene (C19.36)

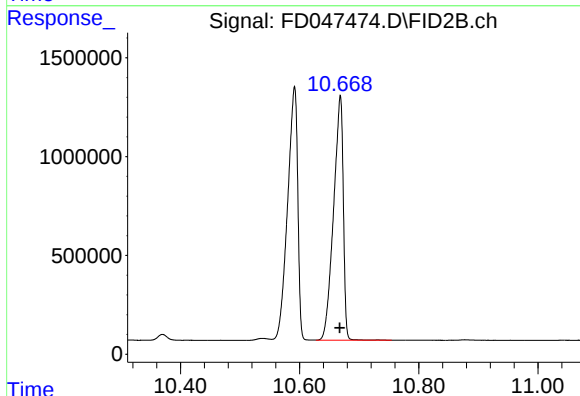
R.T.: 10.591 min  
Delta R.T.: 0.000 min  
Response: 15175814  
Conc: 101.05 ug/ml

Instrument :

FID\_D

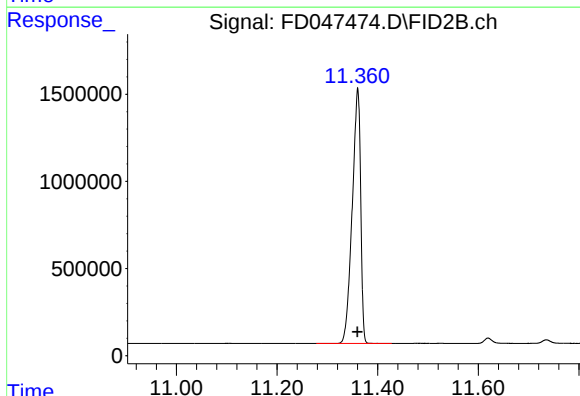
ClientSampleId :

100 PPM AROMATIC HC STD1



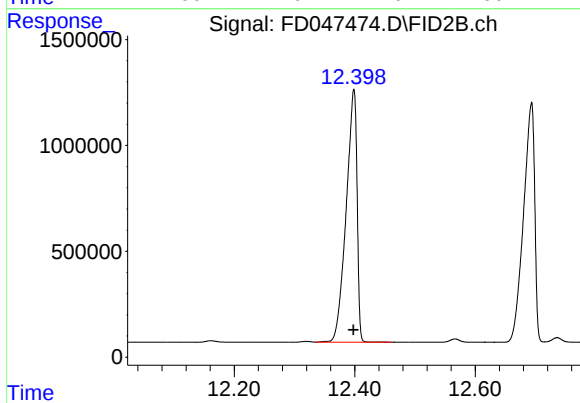
#10 Anthracene (C19.43)

R.T.: 10.667 min  
Delta R.T.: 0.000 min  
Response: 14033429  
Conc: 101.93 ug/ml



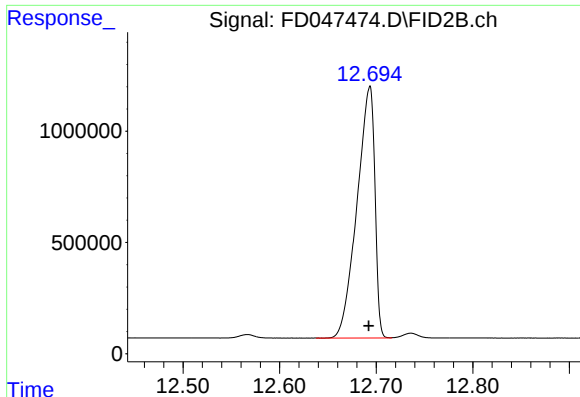
#11 ortho-Terphenyl (SURR)

R.T.: 11.360 min  
Delta R.T.: 0.000 min  
Response: 17013057  
Conc: 100.31 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.398 min  
Delta R.T.: 0.000 min  
Response: 14950733  
Conc: 101.18 ug/ml



#13 Pyrene (C20.8)

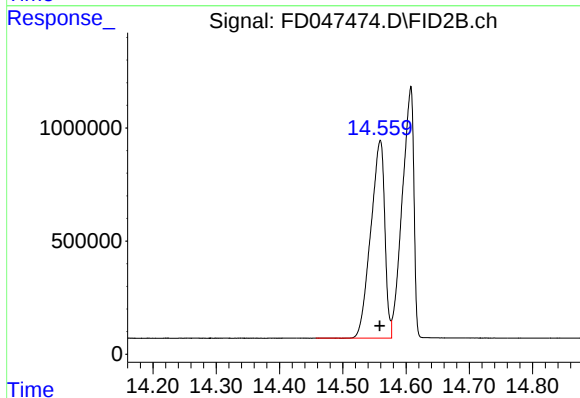
R.T.: 12.692 min  
Delta R.T.: 0.000 min  
Response: 14562109  
Conc: 101.21 ug/ml

Instrument :

FID\_D

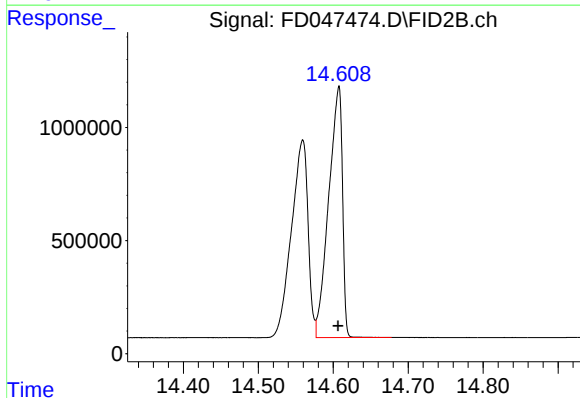
ClientSampleId :

100 PPM AROMATIC HC STD1



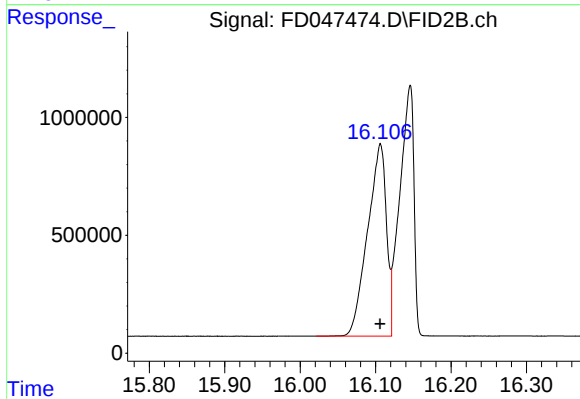
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.558 min  
Delta R.T.: 0.000 min  
Response: 13472739  
Conc: 101.74 ug/ml



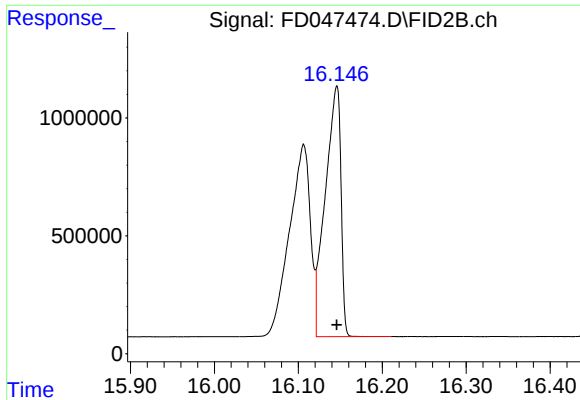
#15 Chrysene (C27.41)

R.T.: 14.606 min  
Delta R.T.: 0.000 min  
Response: 14099872  
Conc: 100.91 ug/ml



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

R.T.: 16.106 min  
Delta R.T.: 0.000 min  
Response: 14168410  
Conc: 101.45 ug/ml



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

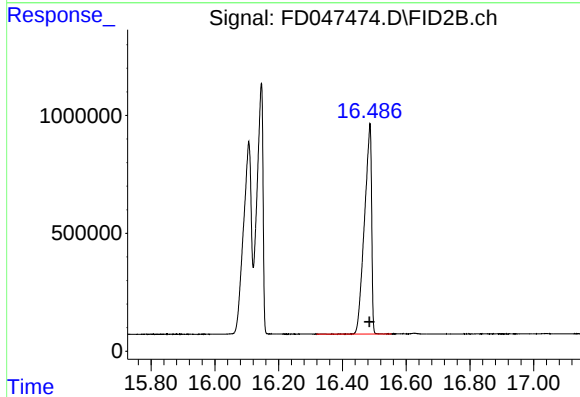
R.T.: 16.145 min  
Delta R.T.: -0.001 min  
Response: 13767994  
Conc: 100.95 ug/ml

Instrument :

FID\_D

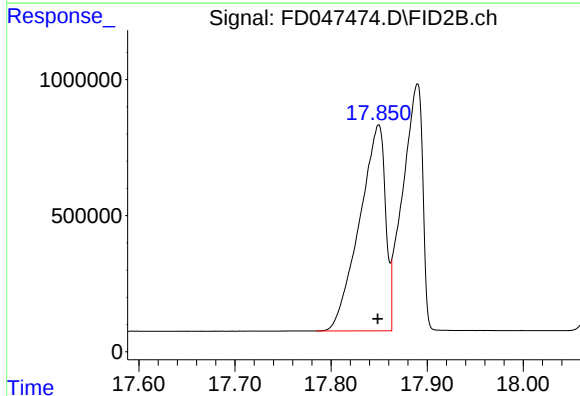
ClientSampleId :

100 PPM AROMATIC HC STD1



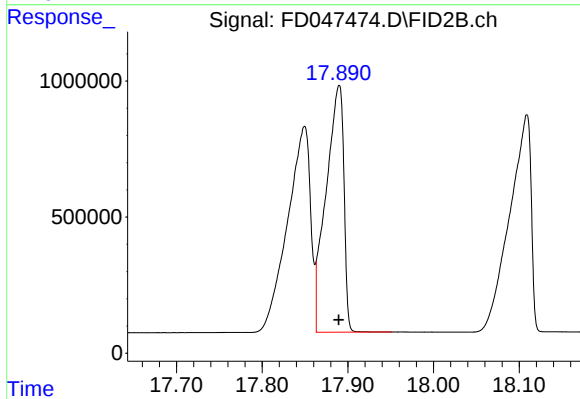
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min  
Delta R.T.: 0.000 min  
Response: 13812401  
Conc: 100.84 ug/ml



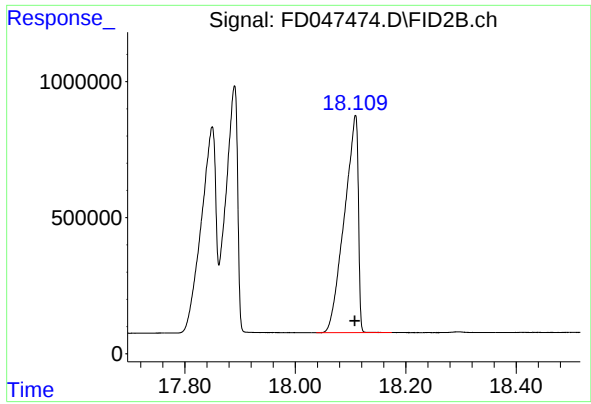
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.849 min  
Delta R.T.: 0.000 min  
Response: 14257117  
Conc: 103.53 ug/ml



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

R.T.: 17.889 min  
Delta R.T.: 0.000 min  
Response: 13080041  
Conc: 99.28 ug/ml



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

R.T.: 18.107 min  
Delta R.T.: 0.000 min  
Response: 13944770  
Conc: 100.93 ug/ml

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