

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF020525AR\  
 Data File : FF015474.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Feb 2025 23:20  
 Operator : YP\AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 06 05:03:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 020525.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 06 05:02:08 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...      | 8.002  | 11552495   | 99.777 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 199.55%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.878  | 7670338    | 103.408 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 206.82%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.942 | 12508445   | 98.489 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 196.98%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.611  | 13131795   | 97.941 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.280  | 13306304   | 99.402 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.377  | 12895401   | 100.077 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.679  | 12967828   | 98.884 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.979  | 12702604   | 98.285 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.769  | 12604912   | 100.288 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.176 | 11900402   | 100.814 ug/ml |
| 10) T Anthracene (C19.43)          | 11.253 | 11425870   | 98.089 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 13.000 | 11699094   | 99.265 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.300 | 11546859   | 97.676 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.183 | 10885753   | 101.697 ug/ml |
| 15) T Chrysene (C27.41)            | 15.230 | 11008594   | 95.187 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.748 | 11230074   | 99.428 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.748 | 11230074   | 96.643 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.131 | 10776059   | 98.512 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.510 | 11468109   | 107.237 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.510 | 11468109   | 93.763 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.773 | 12064246   | 96.732 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

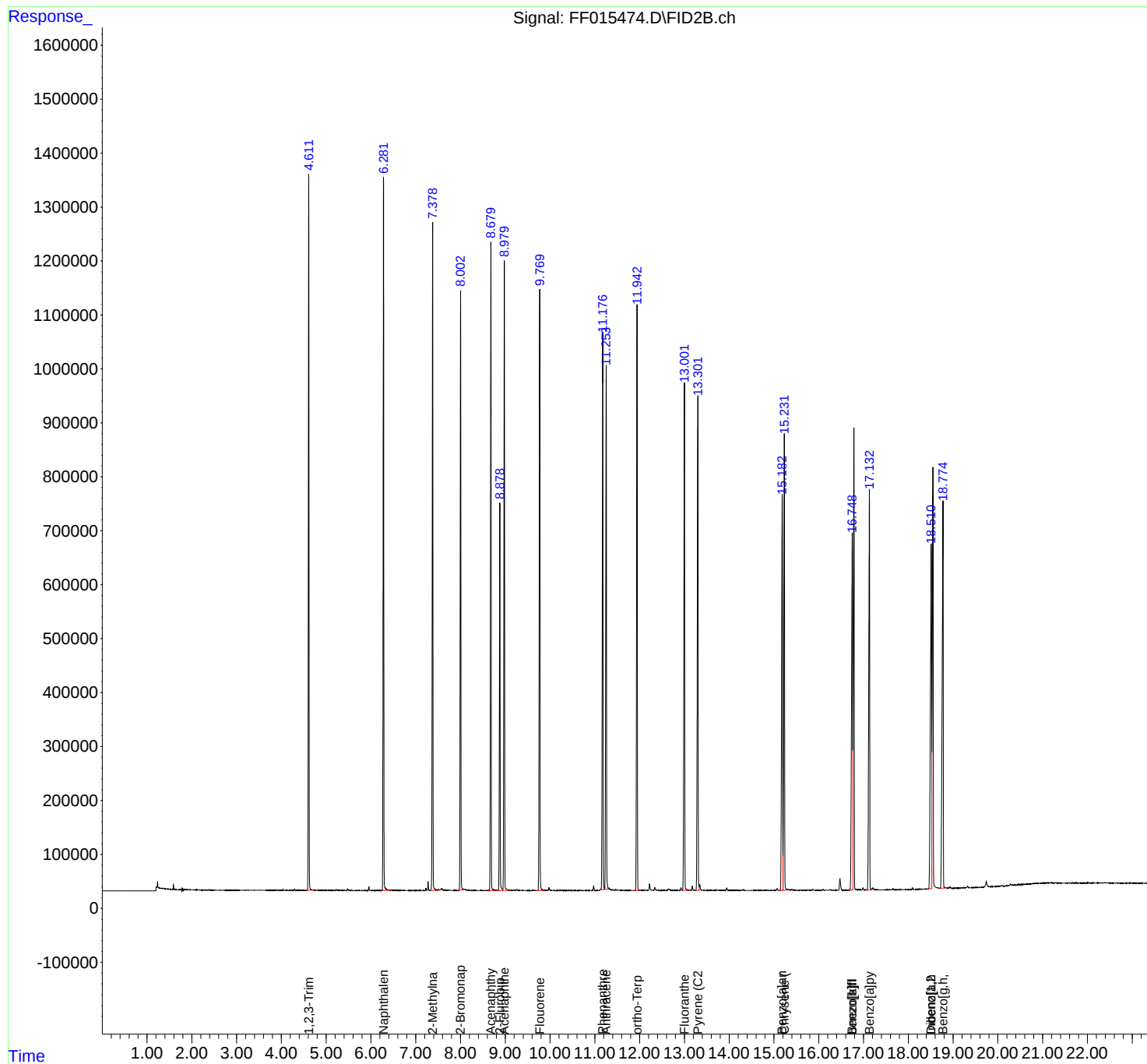
(m)=manual int.

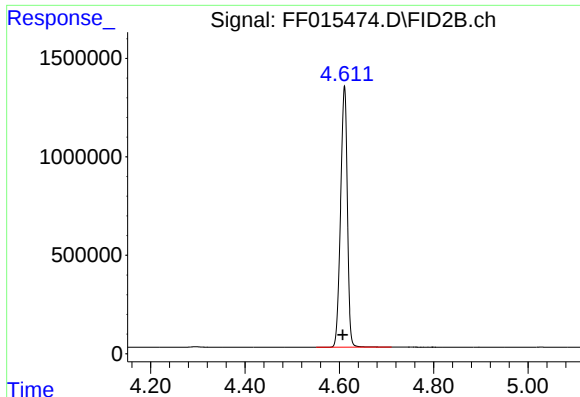
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF020525AR\  
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Signal Info : 20M x 0.18mm x 0.18µm

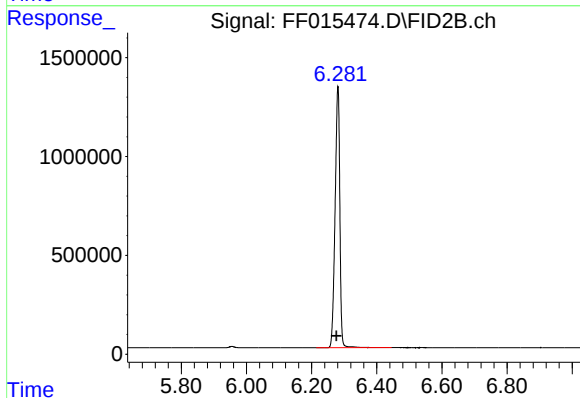




#1 1,2,3-Trimethylbenzene (C10.1)

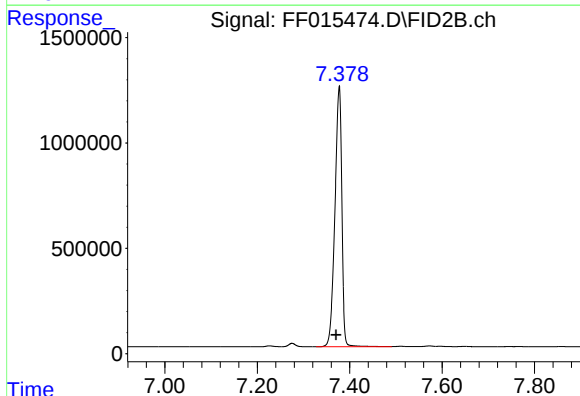
R.T.: 4.611 min  
Delta R.T.: 0.004 min  
Response: 13131795  
Conc: 97.94 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



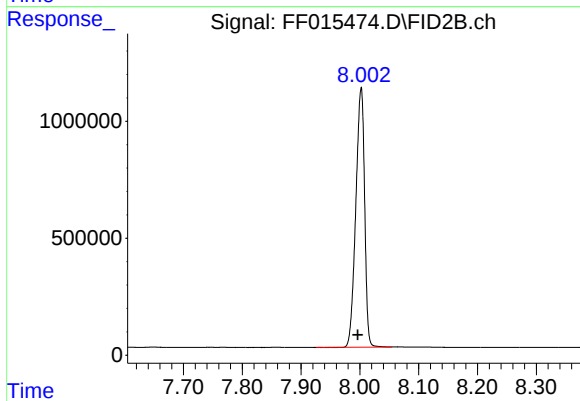
#2 Naphthalene (C11.7)

R.T.: 6.280 min  
Delta R.T.: 0.005 min  
Response: 13306304  
Conc: 99.40 ug/ml



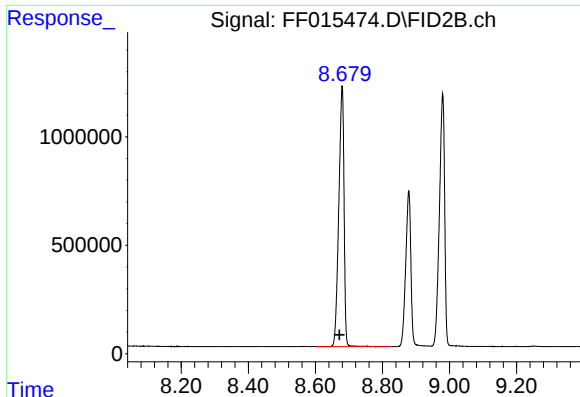
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.377 min  
Delta R.T.: 0.007 min  
Response: 12895401  
Conc: 100.08 ug/ml



#4 2-Bromonaphthalene (SURR)

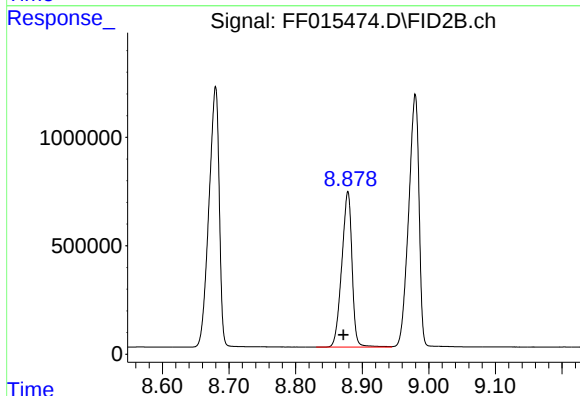
R.T.: 8.002 min  
Delta R.T.: 0.005 min  
Response: 11552495  
Conc: 99.78 ug/ml



#5 Acenaphthylene (C15.06)

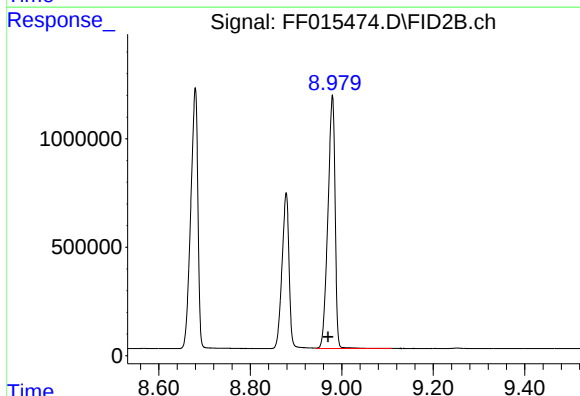
R.T.: 8.679 min  
Delta R.T.: 0.008 min  
Response: 12967828  
Conc: 98.88 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



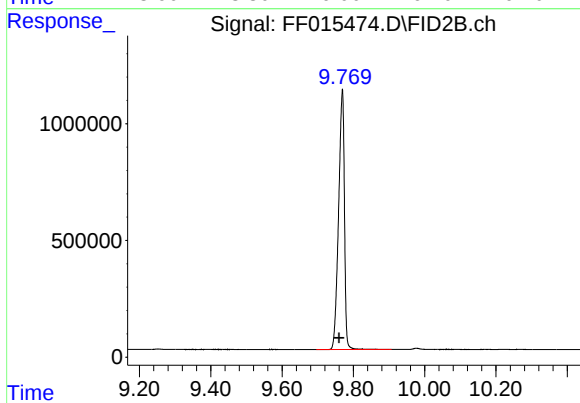
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.878 min  
Delta R.T.: 0.006 min  
Response: 7670338  
Conc: 103.41 ug/ml



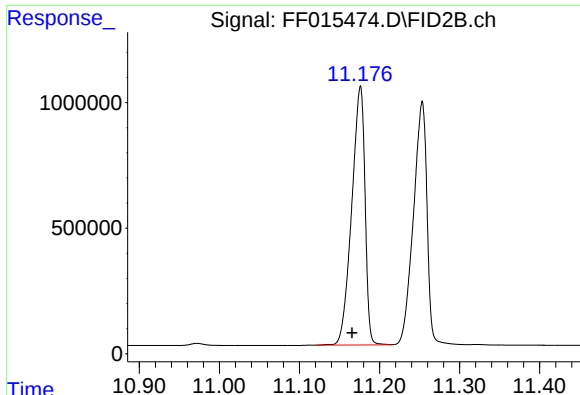
#7 Acenaphthene (C15.5)

R.T.: 8.979 min  
Delta R.T.: 0.009 min  
Response: 12702604  
Conc: 98.28 ug/ml



#8 Flouorene (C16.55)

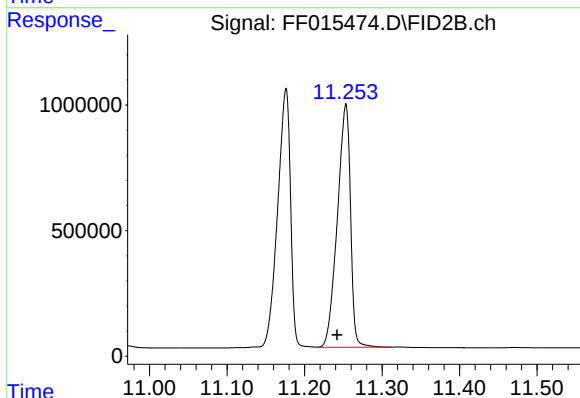
R.T.: 9.769 min  
Delta R.T.: 0.009 min  
Response: 12604912  
Conc: 100.29 ug/ml



#9 Phenanthrene (C19.36)

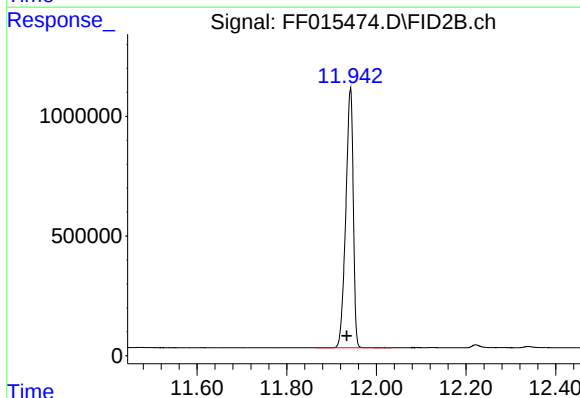
R.T.: 11.176 min  
Delta R.T.: 0.010 min  
Response: 11900402  
Conc: 100.81 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



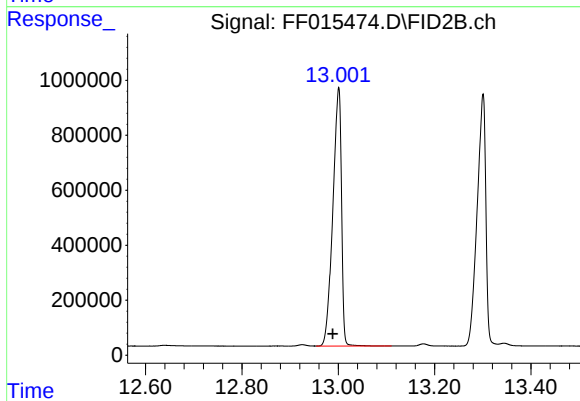
#10 Anthracene (C19.43)

R.T.: 11.253 min  
Delta R.T.: 0.011 min  
Response: 11425870  
Conc: 98.09 ug/ml



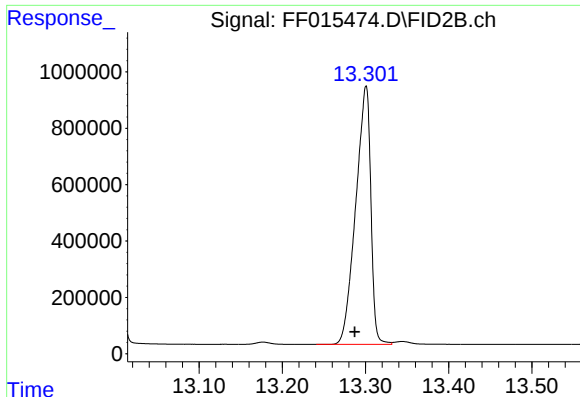
#11 ortho-Terphenyl (SURR)

R.T.: 11.942 min  
Delta R.T.: 0.008 min  
Response: 12508445  
Conc: 98.49 ug/ml



#12 Fluoranthene (C21.85)

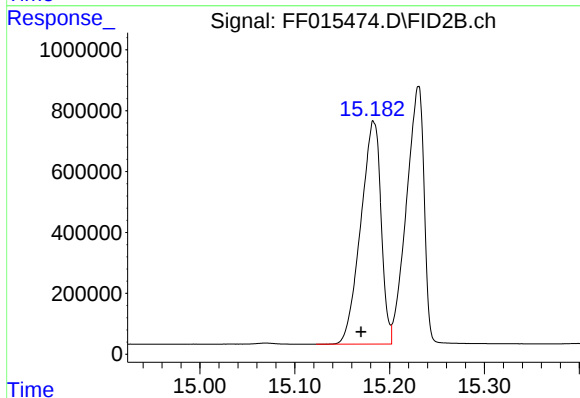
R.T.: 13.000 min  
Delta R.T.: 0.012 min  
Response: 11699094  
Conc: 99.26 ug/ml



#13 Pyrene (C20.8)

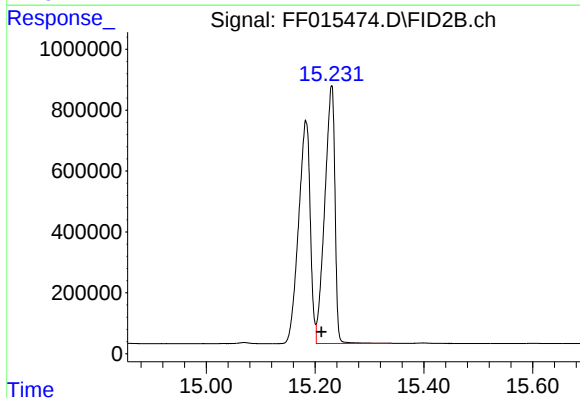
R.T.: 13.300 min  
Delta R.T.: 0.013 min  
Response: 11546859  
Conc: 97.68 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



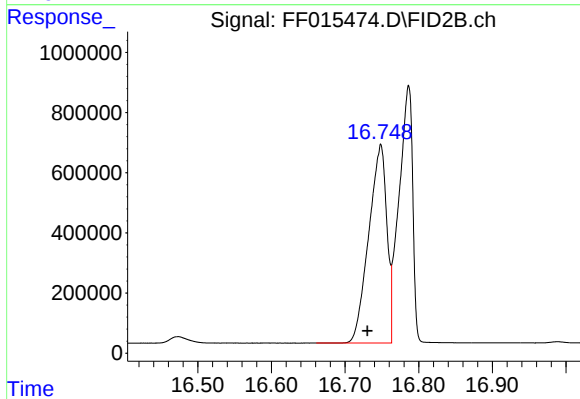
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.183 min  
Delta R.T.: 0.013 min  
Response: 10885753  
Conc: 101.70 ug/ml



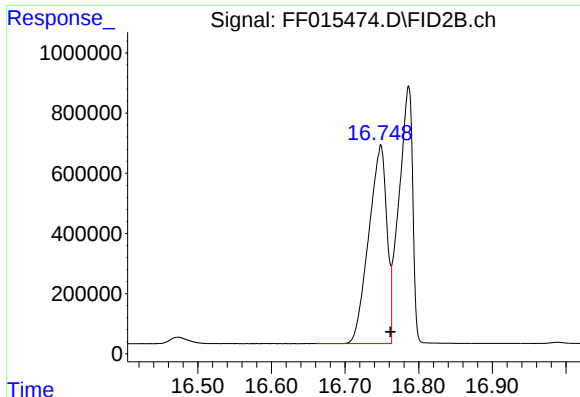
#15 Chrysene (C27.41)

R.T.: 15.230 min  
Delta R.T.: 0.018 min  
Response: 11008594  
Conc: 95.19 ug/ml



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

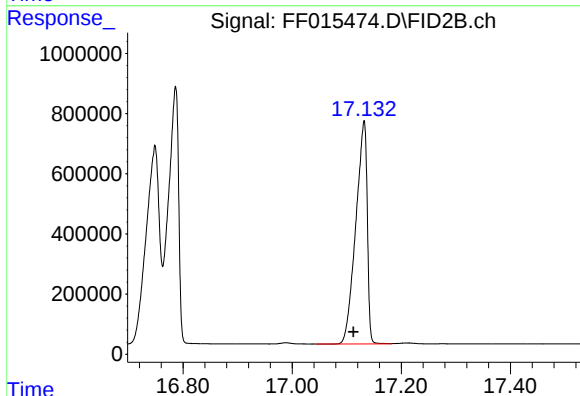
R.T.: 16.748 min  
Delta R.T.: 0.018 min  
Response: 11230074  
Conc: 99.43 ug/ml



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

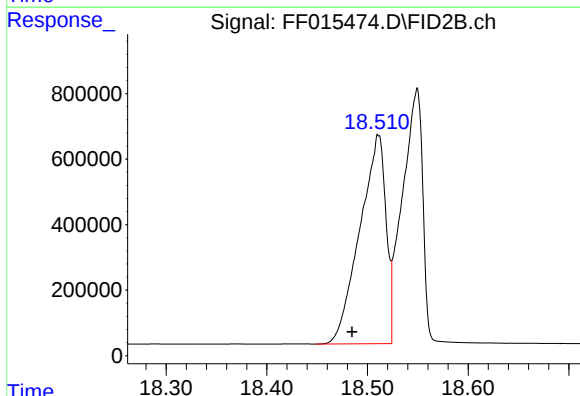
R.T.: 16.748 min  
Delta R.T.: -0.014 min  
Response: 11230074  
Conc: 96.64 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



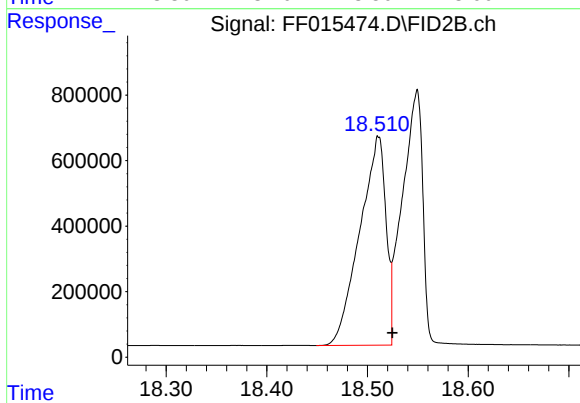
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.131 min  
Delta R.T.: 0.019 min  
Response: 10776059  
Conc: 98.51 ug/ml



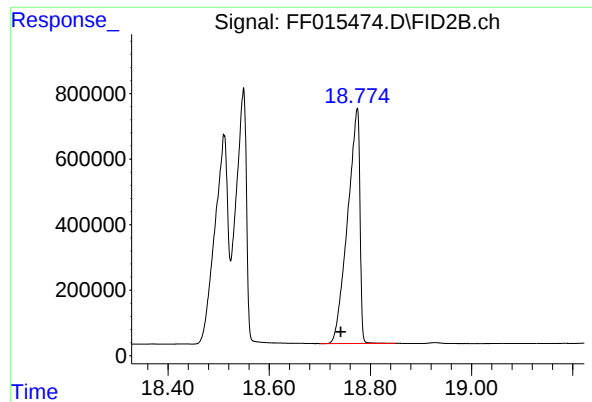
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min  
Delta R.T.: 0.026 min  
Response: 11468109  
Conc: 107.24 ug/ml



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

R.T.: 18.510 min  
Delta R.T.: -0.014 min  
Response: 11468109  
Conc: 93.76 ug/ml



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

R.T.: 18.773 min  
Delta R.T.: 0.032 min  
Response: 12064246  
Conc: 96.73 ug/ml

Instrument :

FID\_F

ClientSampleId :