

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF111124AR\  
 Data File : FF014994.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Nov 2024 11:47  
 Operator : YP\AJ  
 Sample : P4721-14DL 2X  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 11 20:48:14 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 110724.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 08 08:49:17 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...      | 7.997  | 4769127    | 35.836 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 71.67%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.872  | 2934204    | 32.899 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 65.80%        |
| 11) S ortho-Terphenyl (SURR)       | 11.930 | 2155152    | 14.632 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 29.26%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.629  | 32190799   | 211.504 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.291  | 17788467   | 113.346 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.386  | 25359814   | 161.657 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.652  | 3152096    | 20.728 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.983  | 816007     | 5.378 ug/ml   |
| 8) T Flouorene (C16.55)            | 9.758  | 539297     | 3.636 ug/ml   |
| 9) T Phenanthrene (C19.36)         | 11.161 | 373446     | 2.575 ug/ml   |
| 10) T Anthracene (C19.43)          | 11.239 | 194613     | 1.418 ug/ml   |
| 12) T Fluoranthene (C21.85)        | 12.979 | 117542     | 0.841 ug/ml   |
| 13) T Pyrene (C20.8)               | 13.277 | 68242      | 0.495 ug/ml   |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.454 | 36653      | 0.267 ug/ml   |
| 20) T Dibenz[a,h]anthracene...     | 18.505 | 69488      | 0.470 ug/ml   |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

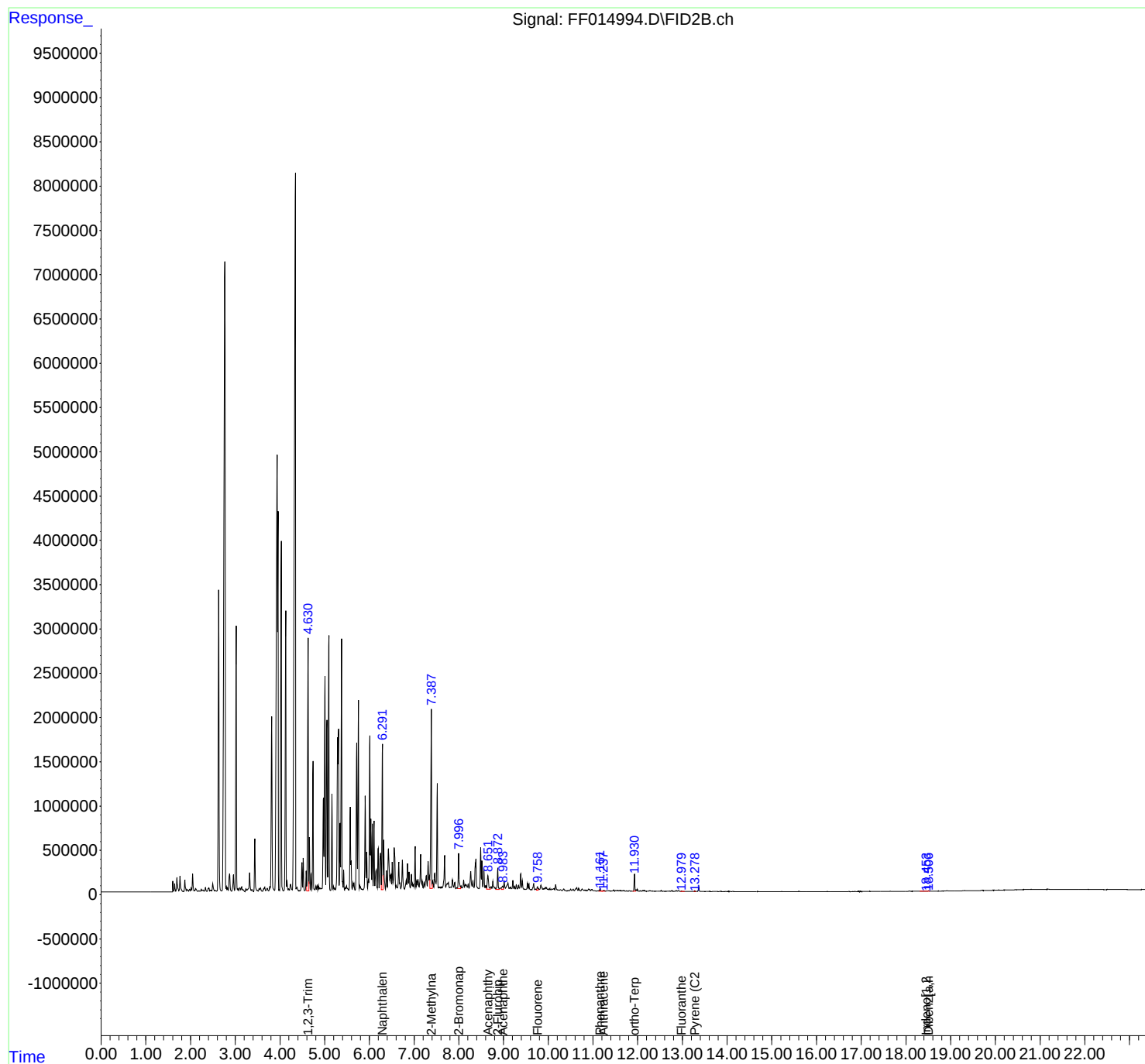
(m)=manual int.

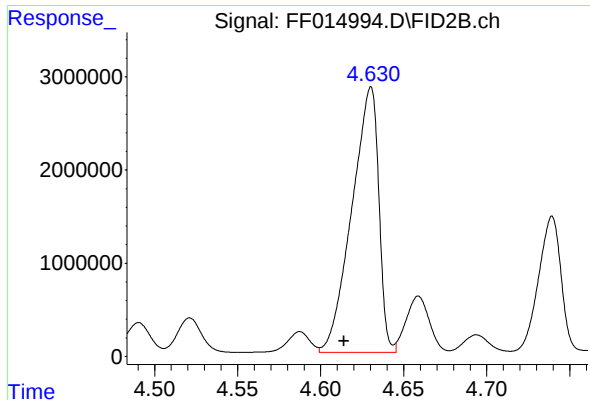
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Signal Phase : Rxi-1ms  
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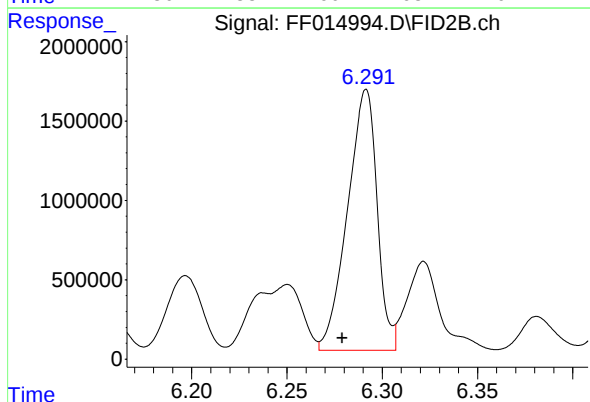




#1 1,2,3-Trimethylbenzene (C10.1)

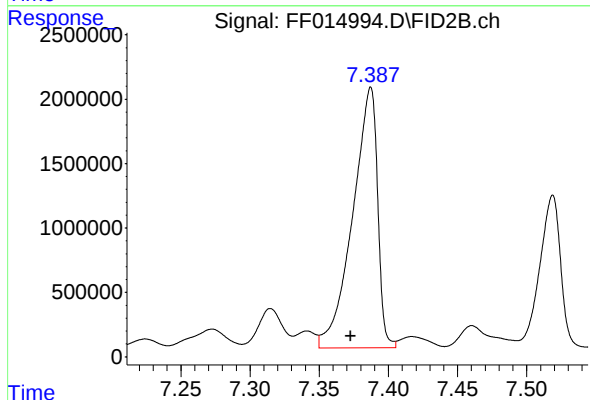
R.T.: 4.629 min  
Delta R.T.: 0.015 min  
Response: 32190799  
Conc: 211.50 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



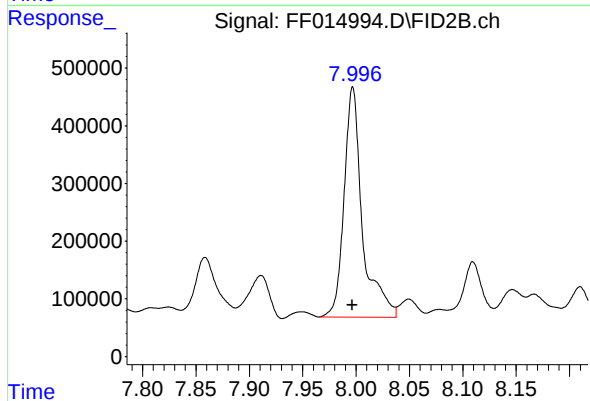
#2 Naphthalene (C11.7)

R.T.: 6.291 min  
Delta R.T.: 0.012 min  
Response: 17788467  
Conc: 113.35 ug/ml



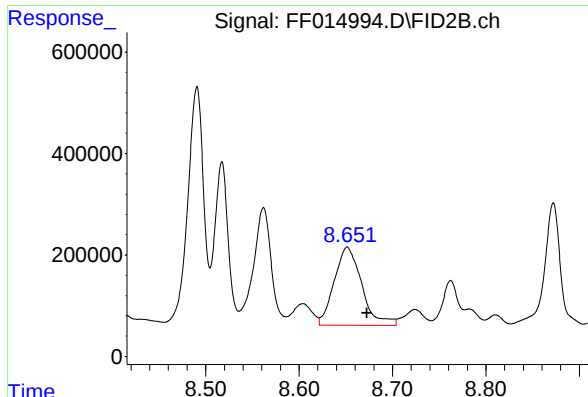
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.386 min  
Delta R.T.: 0.013 min  
Response: 25359814  
Conc: 161.66 ug/ml



#4 2-Bromonaphthalene (SURR)

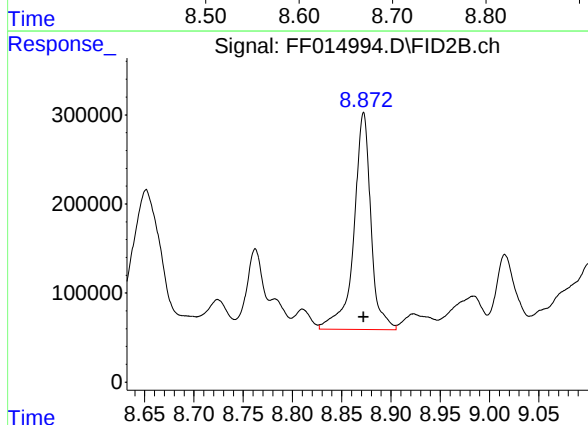
R.T.: 7.997 min  
Delta R.T.: 0.000 min  
Response: 4769127  
Conc: 35.84 ug/ml



#5 Acenaphthylene (C15.06)

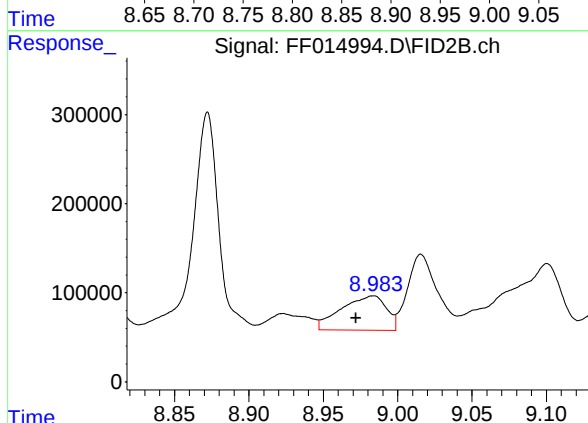
R.T.: 8.652 min  
Delta R.T.: -0.021 min  
Response: 3152096  
Conc: 20.73 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



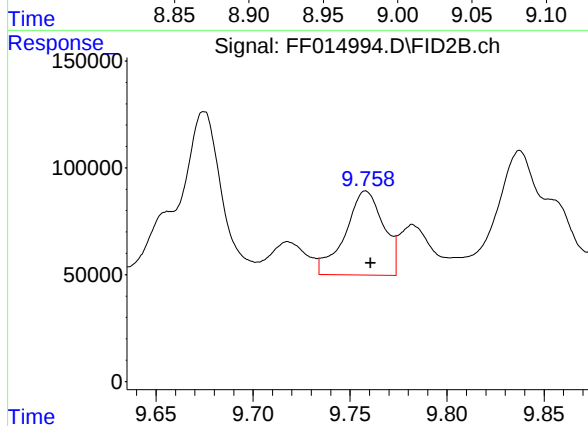
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.872 min  
Delta R.T.: 0.000 min  
Response: 2934204  
Conc: 32.90 ug/ml



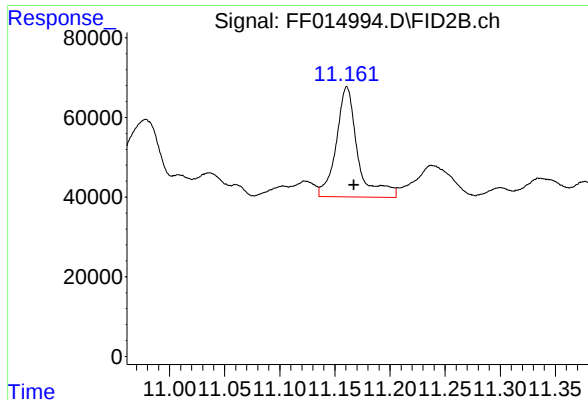
#7 Acenaphthene (C15.5)

R.T.: 8.983 min  
Delta R.T.: 0.011 min  
Response: 816007  
Conc: 5.38 ug/ml



#8 Flouorene (C16.55)

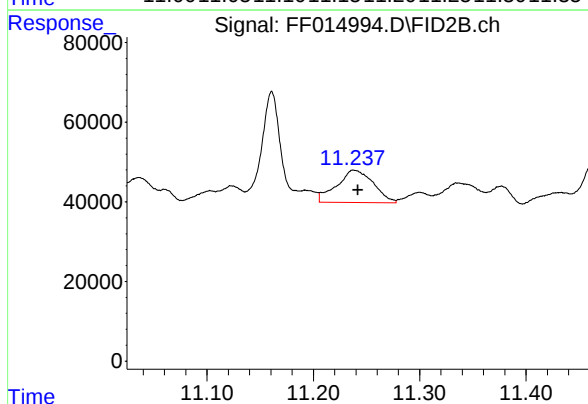
R.T.: 9.758 min  
Delta R.T.: -0.002 min  
Response: 539297  
Conc: 3.64 ug/ml



#9 Phenanthrene (C19.36)

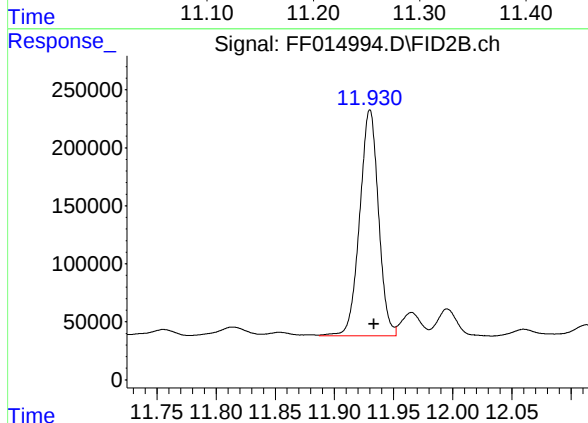
R.T.: 11.161 min  
Delta R.T.: -0.006 min  
Response: 373446  
Conc: 2.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



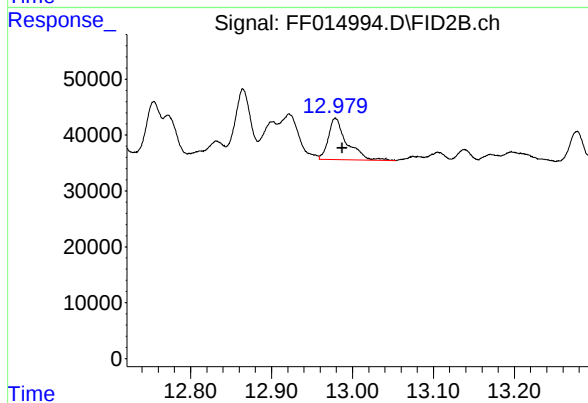
#10 Anthracene (C19.43)

R.T.: 11.239 min  
Delta R.T.: -0.003 min  
Response: 194613  
Conc: 1.42 ug/ml



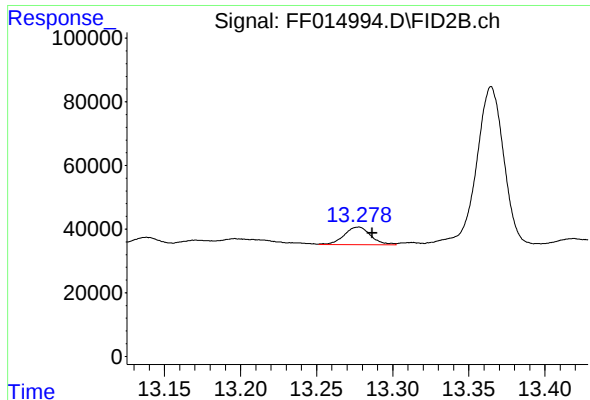
#11 ortho-Terphenyl (SURRE)

R.T.: 11.930 min  
Delta R.T.: -0.003 min  
Response: 2155152  
Conc: 14.63 ug/ml



#12 Fluoranthene (C21.85)

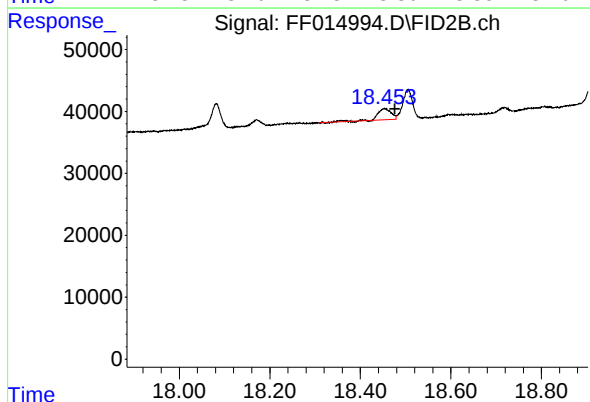
R.T.: 12.979 min  
Delta R.T.: -0.008 min  
Response: 117542  
Conc: 0.84 ug/ml



#13 Pyrene (C20.8)

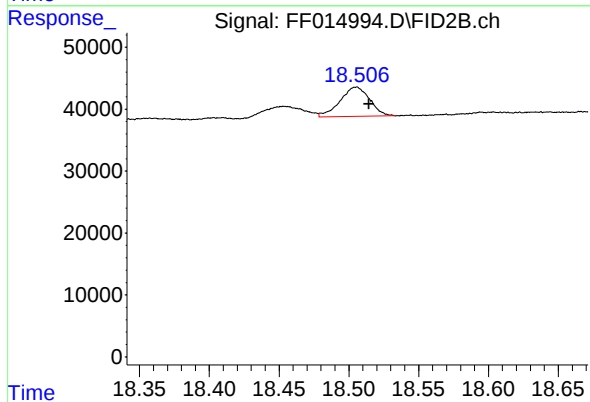
R.T.: 13.277 min  
Delta R.T.: -0.009 min  
Response: 68242  
Conc: 0.50 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



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

R.T.: 18.454 min  
Delta R.T.: -0.023 min  
Response: 36653  
Conc: 0.27 ug/ml



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

R.T.: 18.505 min  
Delta R.T.: -0.009 min  
Response: 69488  
Conc: 0.47 ug/ml