

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG032025AR\  
 Data File : FG015518.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Mar 2025 14:58  
 Operator : YP\AJ  
 Sample : Q1574-01MS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 21 01:00:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 031725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 18 05:13:04 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...      | 7.971  | 6800885    | 55.674 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 111.35%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.849  | 3971661    | 48.050 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 96.10%        |
| 11) S ortho-Terphenyl (SURR)       | 11.942 | 4792578    | 32.864 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 65.73%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.559  | 3385291    | 25.475 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.239  | 5169699    | 38.264 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.341  | 5599588    | 41.978 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.647  | 4847241    | 34.225 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.948  | 5062017    | 37.102 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.739  | 5208457    | 37.309 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.155 | 2557925    | 18.156 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.216 | 8436571    | 61.652 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.717 | 13615325   | 113.941 ug/ml |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

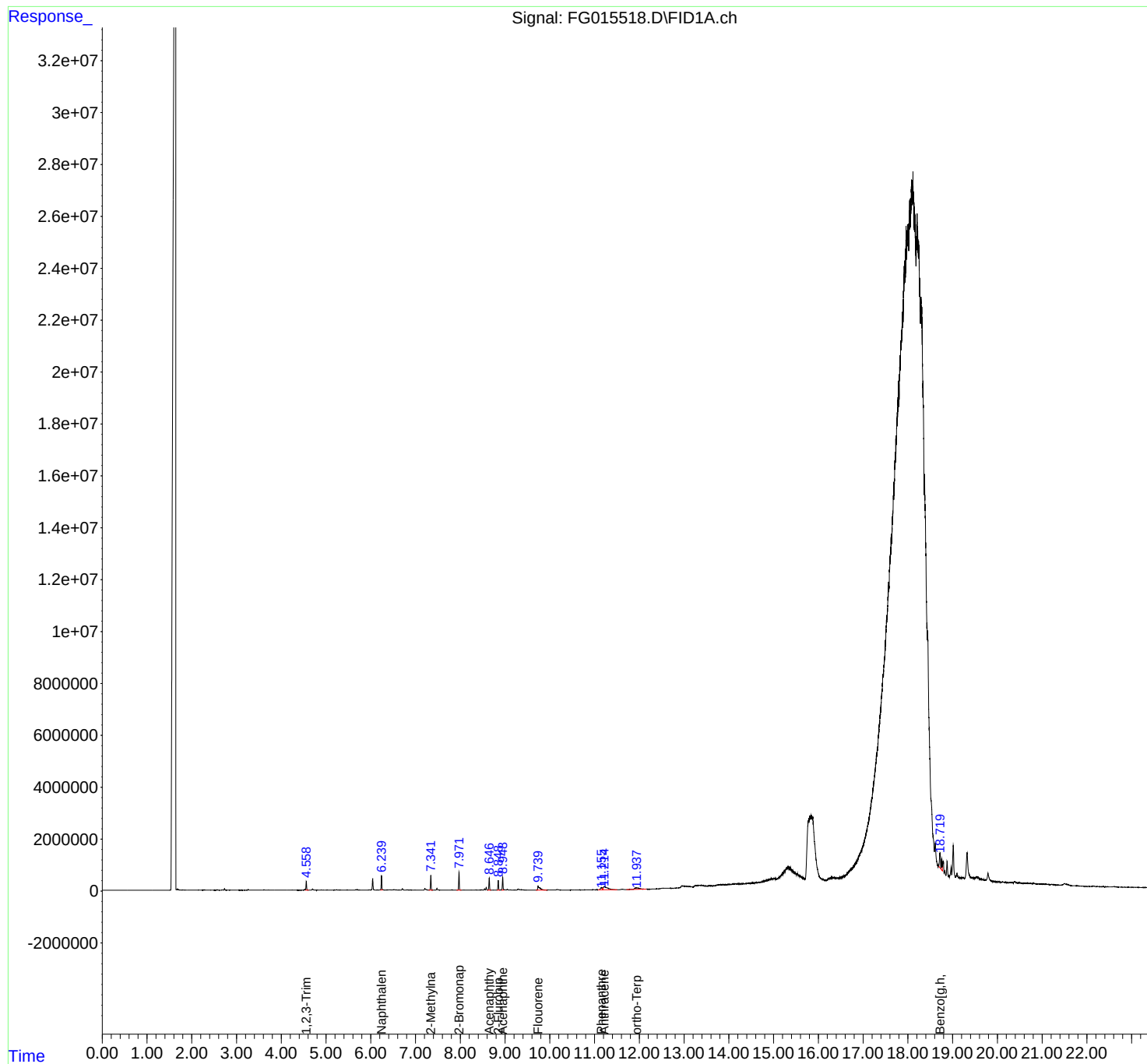
(m)=manual int.

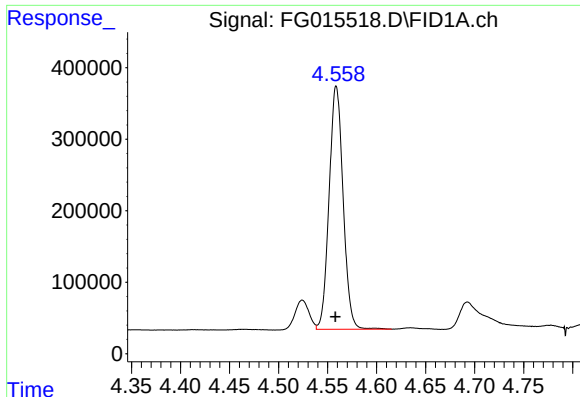
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

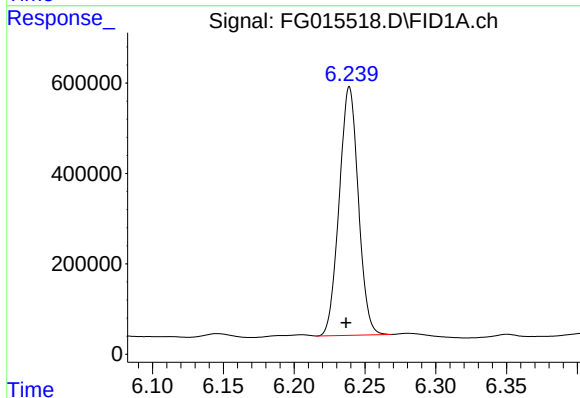




#1 1,2,3-Trimethylbenzene (C10.1)

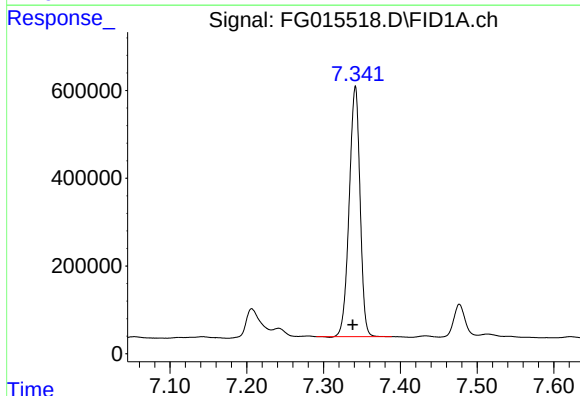
R.T.: 4.559 min  
Delta R.T.: 0.000 min  
Response: 3385291  
Conc: 25.48 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



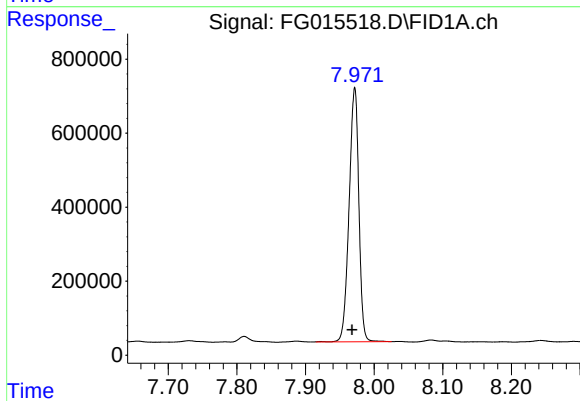
#2 Naphthalene (C11.7)

R.T.: 6.239 min  
Delta R.T.: 0.002 min  
Response: 5169699  
Conc: 38.26 ug/ml



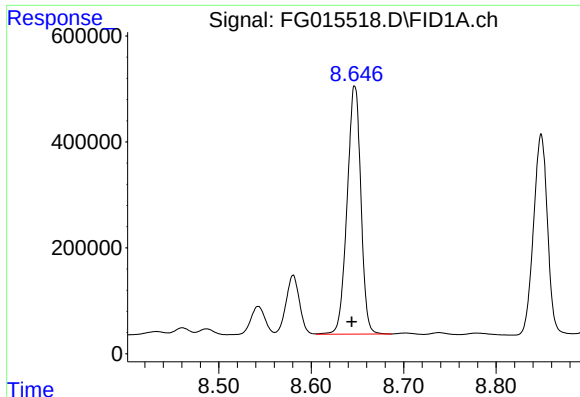
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.341 min  
Delta R.T.: 0.003 min  
Response: 5599588  
Conc: 41.98 ug/ml



#4 2-Bromonaphthalene (SURR)

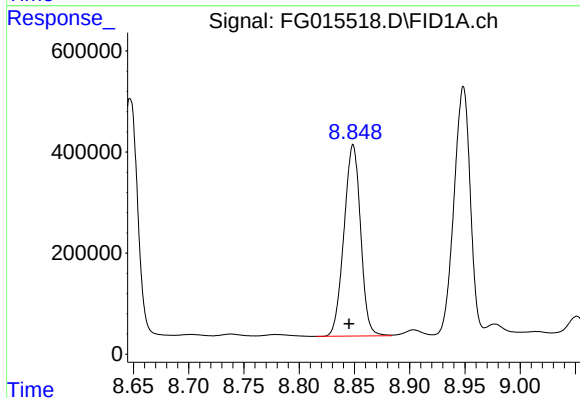
R.T.: 7.971 min  
Delta R.T.: 0.004 min  
Response: 6800885  
Conc: 55.67 ug/ml



#5 Acenaphthylene (C15.06)

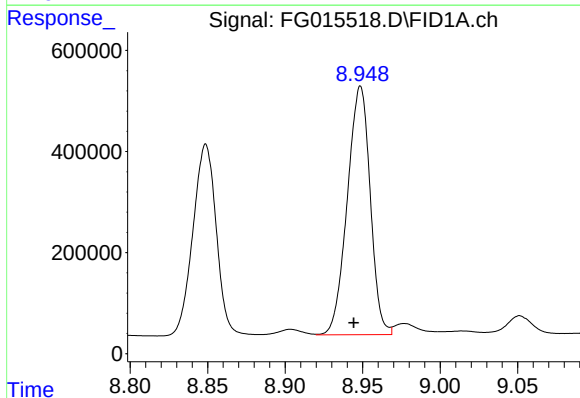
R.T.: 8.647 min  
Delta R.T.: 0.003 min  
Response: 4847241  
Conc: 34.22 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



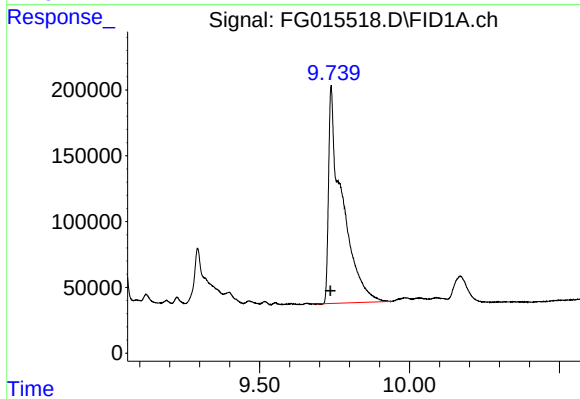
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.849 min  
Delta R.T.: 0.004 min  
Response: 3971661  
Conc: 48.05 ug/ml



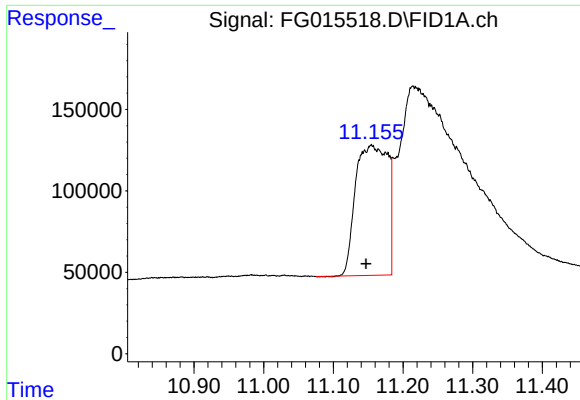
#7 Acenaphthene (C15.5)

R.T.: 8.948 min  
Delta R.T.: 0.004 min  
Response: 5062017  
Conc: 37.10 ug/ml



#8 Fluorene (C16.55)

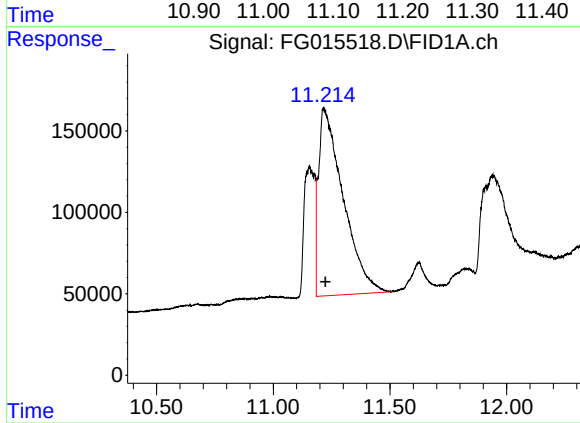
R.T.: 9.739 min  
Delta R.T.: 0.003 min  
Response: 5208457  
Conc: 37.31 ug/ml



#9 Phenanthrene (C19.36)

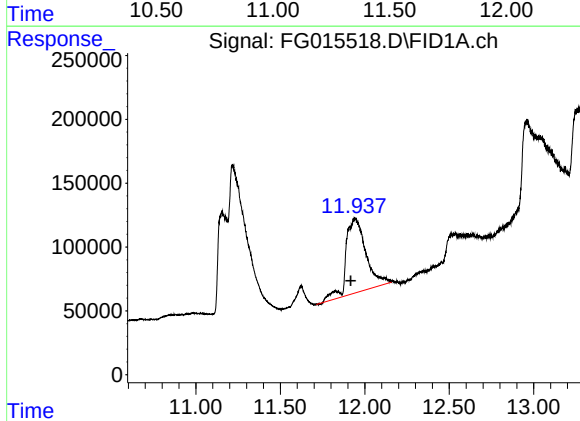
R.T.: 11.155 min  
Delta R.T.: 0.008 min  
Response: 2557925  
Conc: 18.16 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



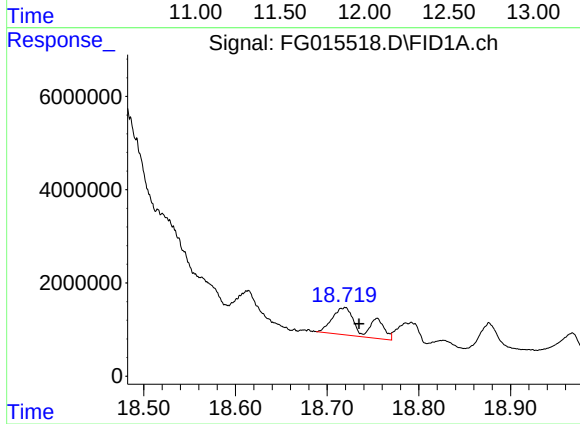
#10 Anthracene (C19.43)

R.T.: 11.216 min  
Delta R.T.: -0.007 min  
Response: 8436571  
Conc: 61.65 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.942 min  
Delta R.T.: 0.024 min  
Response: 4792578  
Conc: 32.86 ug/ml



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

R.T.: 18.717 min  
Delta R.T.: -0.017 min  
Response: 13615325  
Conc: 113.94 ug/ml