Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062719AR\
Data File : FD029554.D
Signal(s) : FID2B.CH
Acq On : 27 Jun 2019 9:46
Operator : DD\AJ
Sample : K3511-01RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
FID_D
**ClientSampleId :**

Integration File: autoint1.e
Quant Time: Jun 27 10:22:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
Quant Title : GC Extractables
QLast Update : Thu Jun 13 07:45:09 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 7.707 | 5626474 | 48.427 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 96.85% |
| 6) S | 2-Flurobiphenyl (SURR) | 8.570 | 3085168 | 38.921 ug/ml |
| Spiked Amount | 50.000 Range | 0 - 131 | Recovery = | 77.84% |
| 11) S | ortho-Terphenyl (SURR) | 11.606 | 2101526 | 16.376 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 32.75% |
| | **Target Compounds** | | | |
| 9) T | Phenanthrene (C19.36) | 10.840 | 303751 | 2.315 ug/ml |
| 10) T | Anthracene (C19.43) | 10.914 | 76870 | 0.595 ug/ml |
| 13) T | Pyrene (C20.8) | 12.944 | 275316 | 2.091 ug/ml |
| 14) T | Benzo[a]anthracene (C... | 14.850 | 162491 | 1.292 ug/ml |
| 15) T | Chrysene (C27.41) | 14.850 | 162491 | 1.289 ug/ml |
| 16) T | benzo[b]fluoranthene ... | 16.355 | 118390 | 0.956 ug/ml |
| 17) T | Bnezo[k]fluoranthene ... | 16.355f | 118390 | 0.961 ug/ml |
| 18) T | Benzo[a]pyrene (C31.34) | 16.732 | 148542 | 1.214 ug/ml |
| 19) T | Indeno[1,2,3-cd]pyren... | 18.089 | 79782 | 0.676 ug/ml |
| 20) T | Dibenz[a,h]anthracene... | 18.089f | 79782 | 0.689 ug/ml |
| 21) T | Benzo[g,h,i]perylene ... | 18.342 | 84556 | 0.728 ug/ml |

(f)=RT Delta > 1/2 Window (m)=manual int.

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Operator : DD\AJ
Sample : K3511-01RE
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ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
FID_D
**ClientSampleId :**

Integration File: autoint1.e
Quant Time: Jun 27 10:22:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
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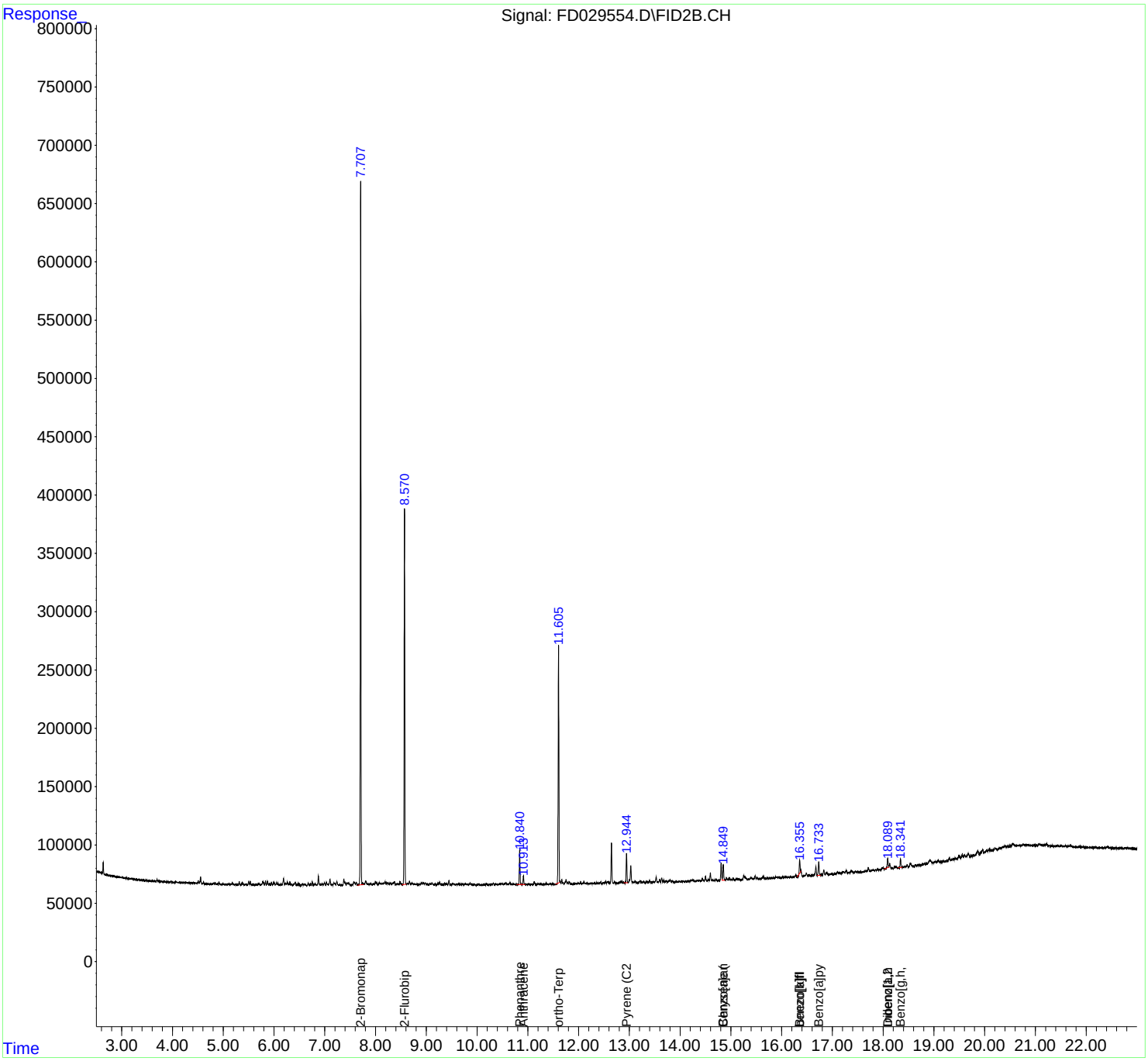
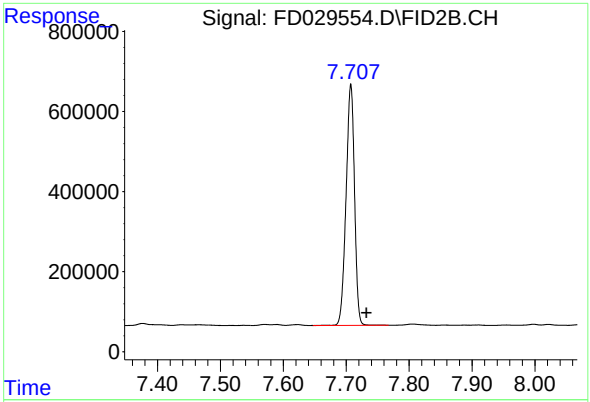
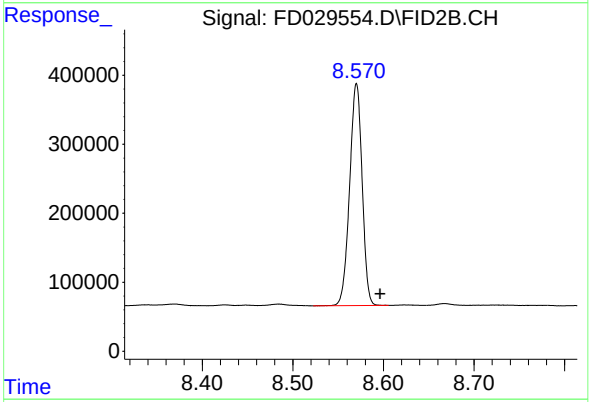





#4 2-Bromonaphthalene (SURR)

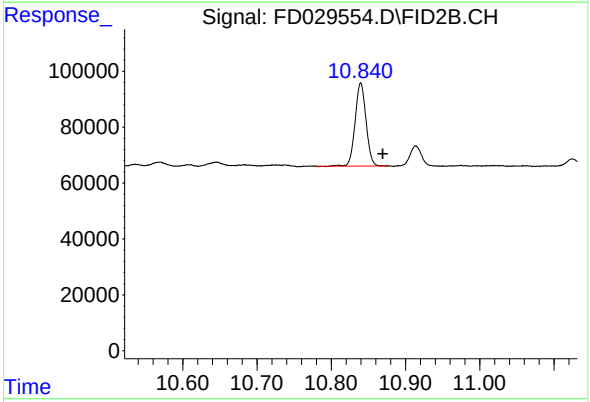
R.T.: 7.707 min
Delta R.T.: -0.025 min
Response: 5626474
Conc: 48.43 ug/ml

**Instrument :**
FID_D
**ClientSampleId :**



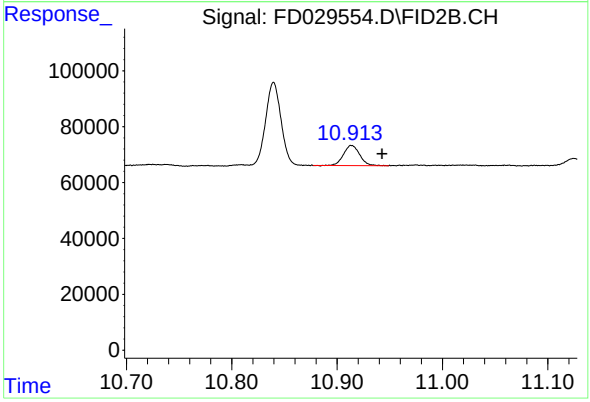

#6 2-Flurobiphenyl (SURR)

R.T.: 8.570 min
Delta R.T.: -0.026 min
Response: 3085168
Conc: 38.92 ug/ml



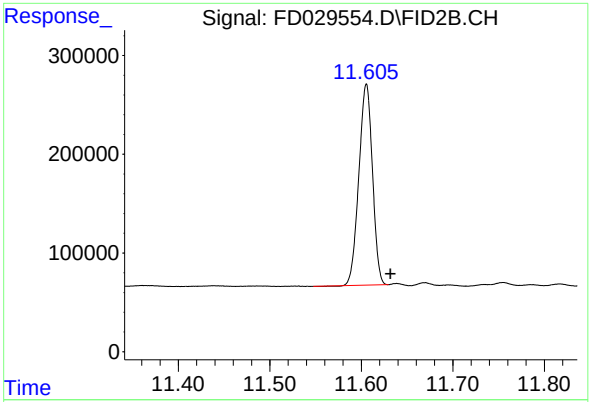

#9 Phenanthrene (C19.36)

R.T.: 10.840 min
Delta R.T.: -0.030 min
Response: 303751
Conc: 2.31 ug/ml




#10 Anthracene (C19.43)

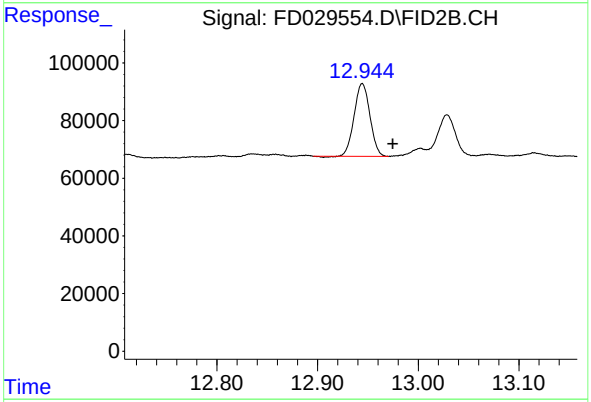
R.T.: 10.914 min
Delta R.T.: -0.029 min
Response: 76870
Conc: 0.59 ug/ml




#11 ortho-Terphenyl (SURR)

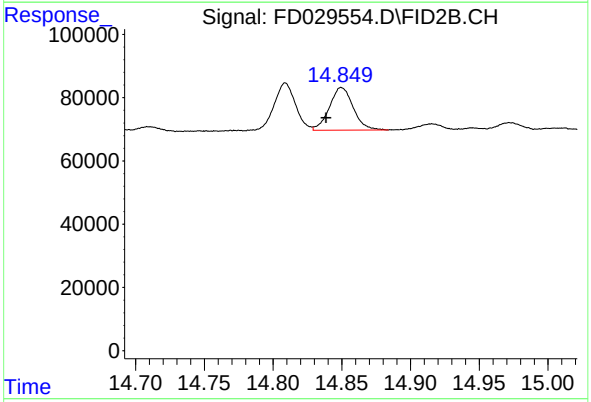
R.T.: 11.606 min
Delta R.T.: -0.026 min
Response: 2101526
Conc: 16.38 ug/ml

**Instrument :**
FID_D
**ClientSampleId :**



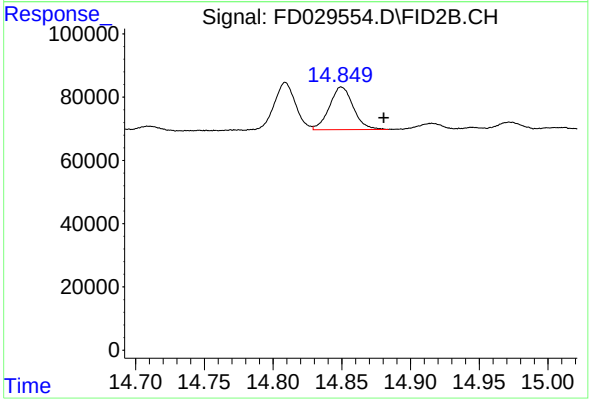

#13 Pyrene (C20.8)

R.T.: 12.944 min
Delta R.T.: -0.030 min
Response: 275316
Conc: 2.09 ug/ml



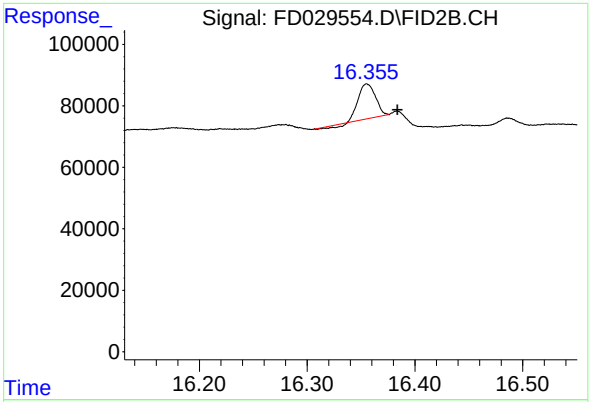

#14 Benzo[a]anthracene (C26.37)

R.T.: 14.850 min
Delta R.T.: 0.011 min
Response: 162491
Conc: 1.29 ug/ml




#15 Chrysene (C27.41)

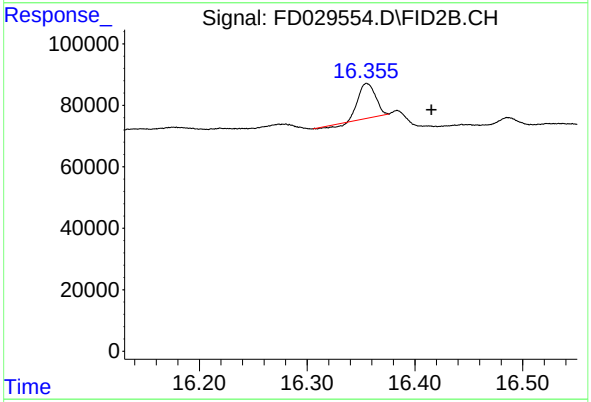
R.T.: 14.850 min
Delta R.T.: -0.031 min
Response: 162491
Conc: 1.29 ug/ml




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

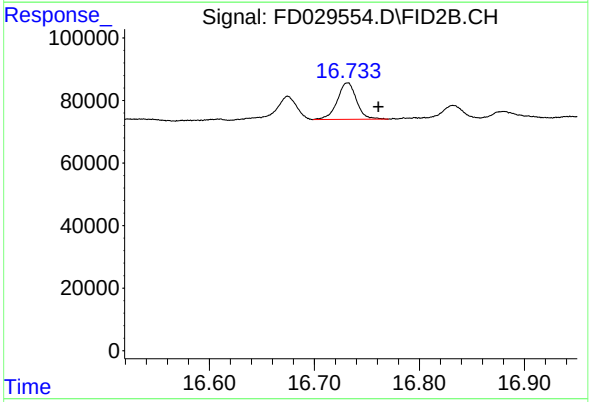
R.T.: 16.355 min
Delta R.T.: -0.028 min
Response: 118390
Conc: 0.96 ug/ml

**Instrument :**
FID_D
**ClientSampleId :**



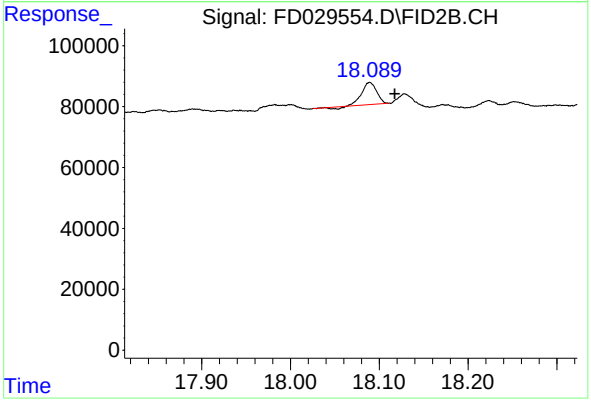

#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.355 min
Delta R.T.: -0.060 min
Response: 118390
Conc: 0.96 ug/ml



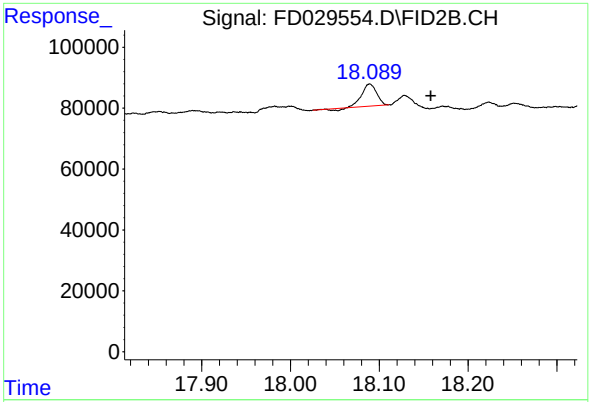

#18 Benzo[a]pyrene (C31.34)

R.T.: 16.732 min
Delta R.T.: -0.029 min
Response: 148542
Conc: 1.21 ug/ml




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

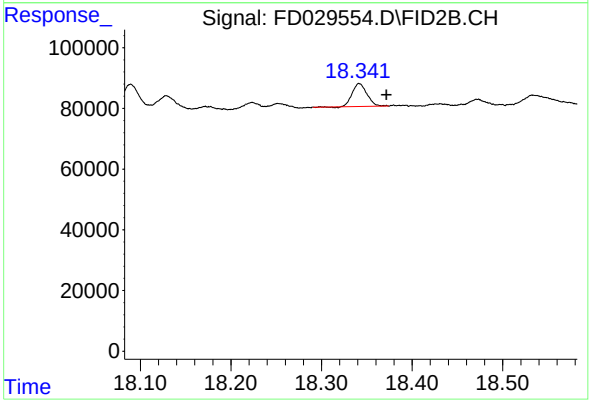
R.T.: 18.089 min
Delta R.T.: -0.028 min
Response: 79782
Conc: 0.68 ug/ml




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

R.T.: 18.089 min
Delta R.T.: -0.069 min
Response: 79782
Conc: 0.69 ug/ml

**Instrument :**
FID_D
**ClientSampleId :**




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

R.T.: 18.342 min
Delta R.T.: -0.030 min
Response: 84556
Conc: 0.73 ug/ml