Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011822\
Data File : PL072051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jan 2022 12:53
Operator : AR\AJ
Sample : N1158-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
R-1

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 01/19/2022
Supervised By :Ankita Jodhani 01/19/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 19 04:20:21 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
Quant Title : GC Extractables
QLast Update : Tue Jan 18 10:53:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.558 | 5.493 | 6267347 | 18170296 | 11.289 | 11.188 |
| 28) | SA Decachlor... | 10.322 | 11.389 | 11442643 | 20681635 | 12.880 | 12.818 |
| | Target Compounds | | | | | | |
| 4) | MA Heptachlor | 6.094 | 7.116 | 6935036 | 18045506 | 8.039 | 7.783 |
| 10) | B gamma-Chl... | 7.269 | 8.223 | 1387800 | 5036026 | 1.766m | 2.492m# |
| 11) | B alpha-Chl... | 7.341 | 8.307 | 2073572 | 12125410 | 2.643 | 6.115 # |
| 12) | B 4,4'-DDE | 7.555 | 8.494 | 4324529 | 6444811 | 5.990 | 3.408 # |
| 17) | MA 4,4'-DDT | 8.400 | 9.351 | 2830984 | 3967819 | 4.263m | 2.510m# |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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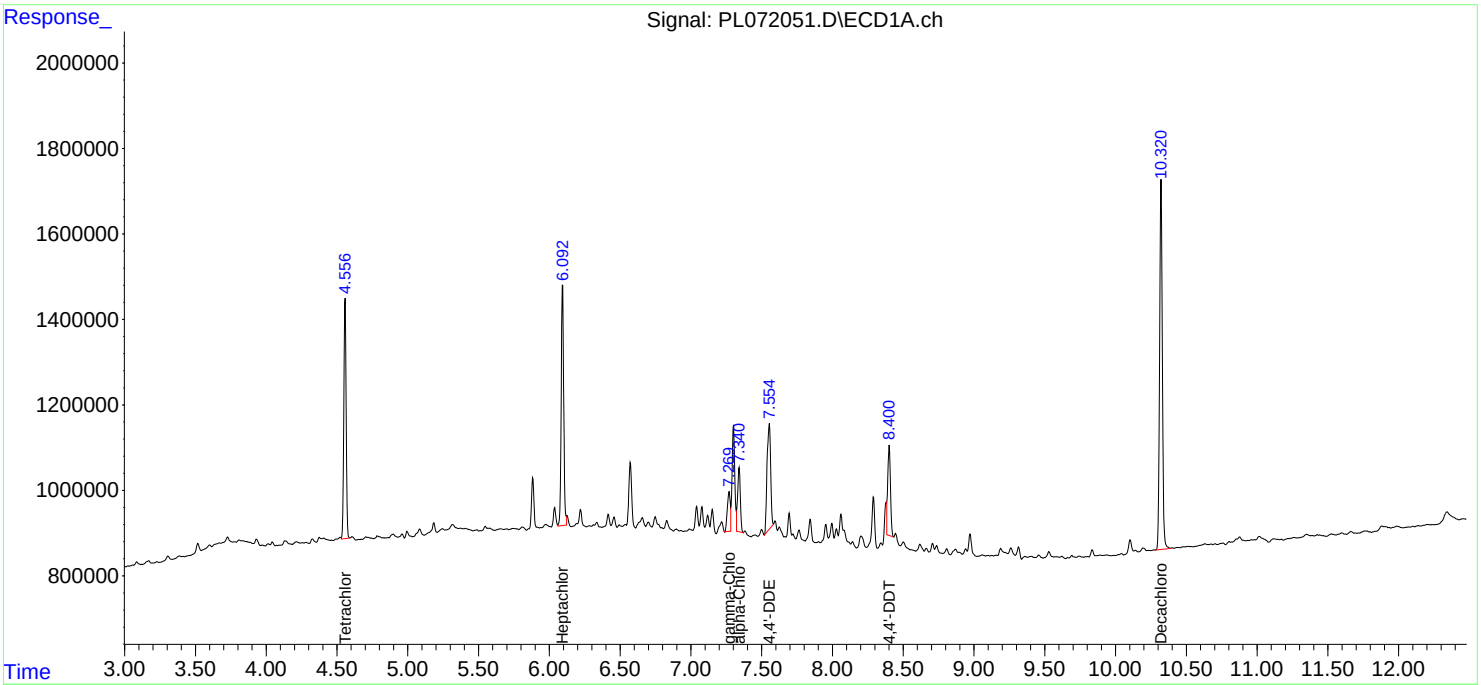


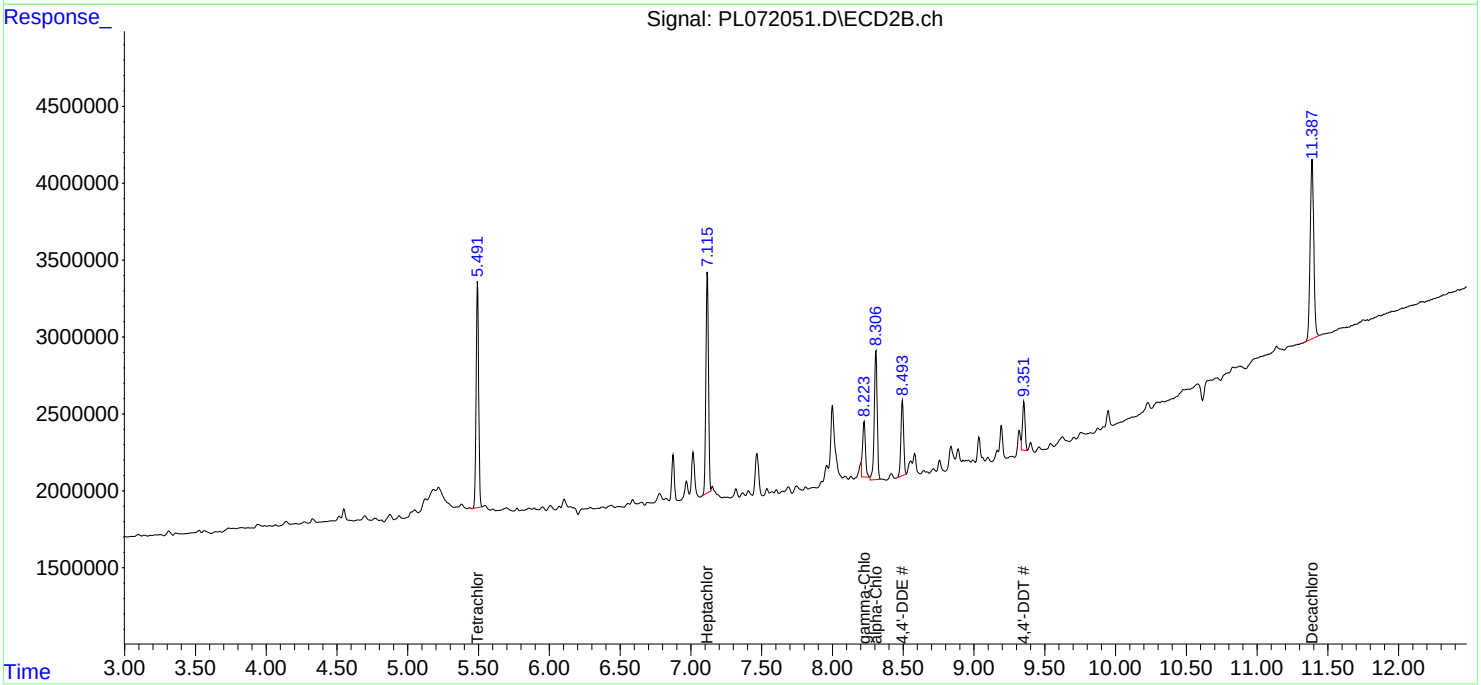

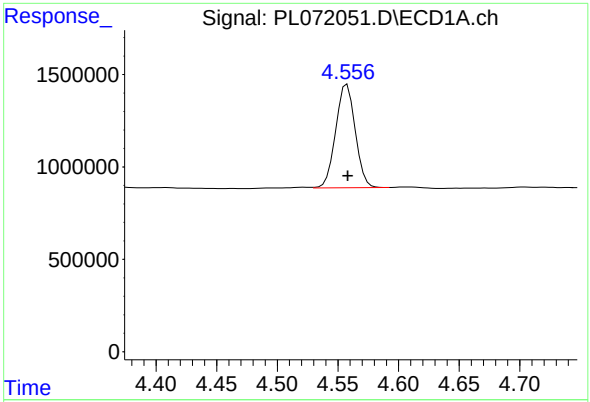


#1 Tetrachloro-m-xylene

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 6267347
Conc: 11.29 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
R-1

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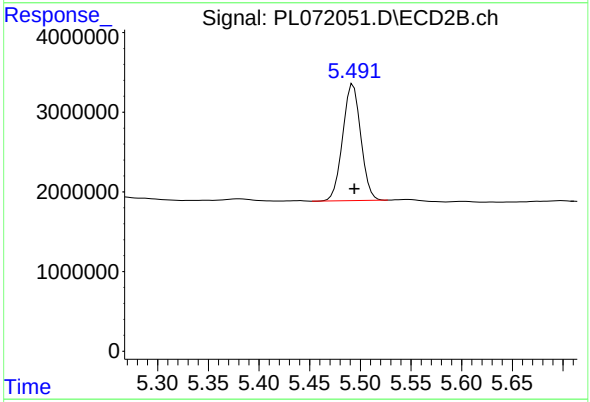
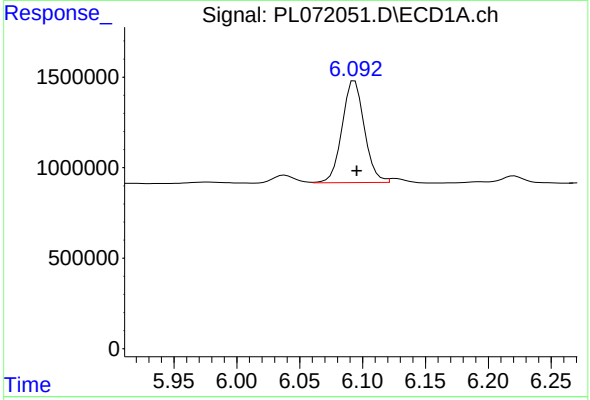


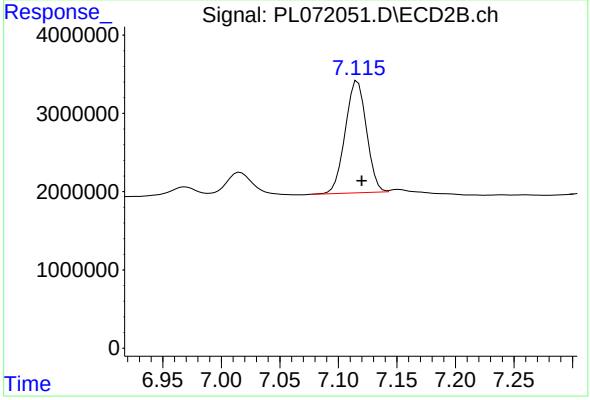

#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: -0.001 min
Response: 18170296
Conc: 11.19 ng/ml



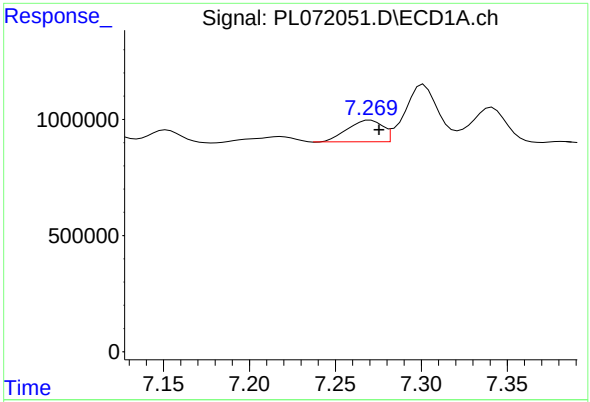

#4 Heptachlor

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 6935036
Conc: 8.04 ng/ml




#4 Heptachlor

R.T.: 7.116 min
Delta R.T.: -0.003 min
Response: 18045506
Conc: 7.78 ng/ml




#10 gamma-Chlordane

R.T.: 7.269 min
Delta R.T.: -0.006 min
Response: 1387800
Conc: 1.77 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
R-1

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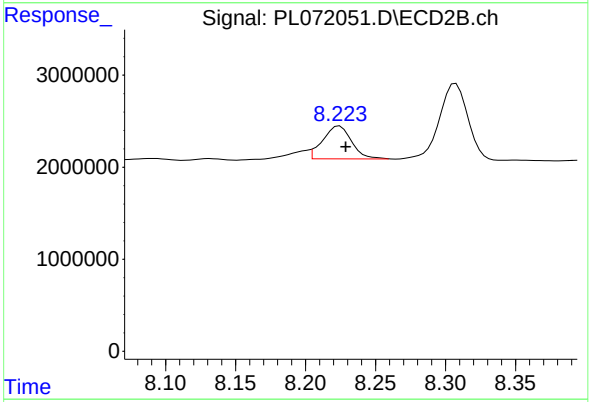
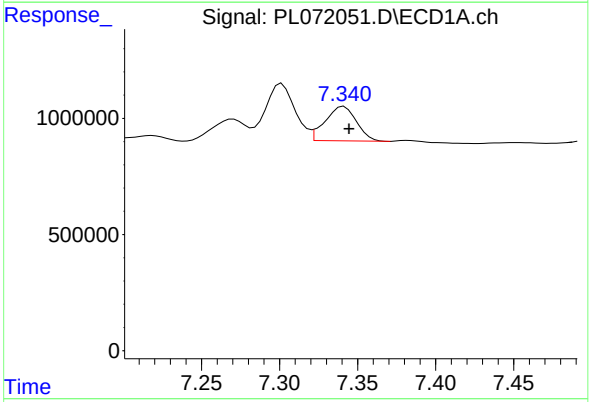


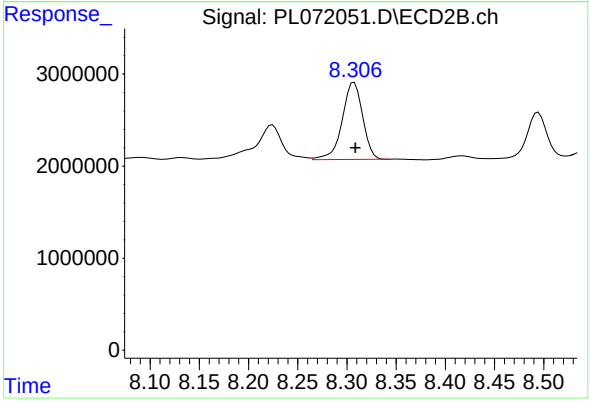

#10 gamma-Chlordane

R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 5036026
Conc: 2.49 ng/ml m



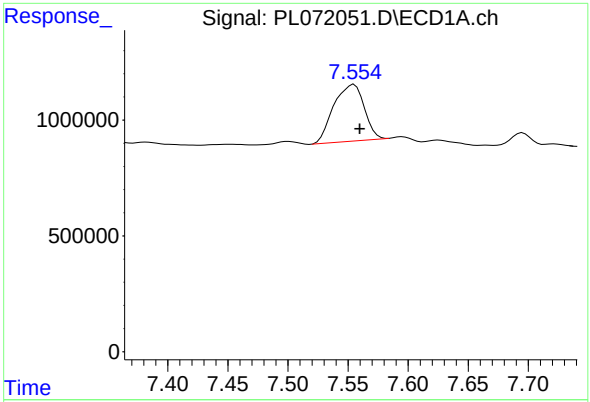

#11 alpha-Chlordane

R.T.: 7.341 min
Delta R.T.: -0.003 min
Response: 2073572
Conc: 2.64 ng/ml




#11 alpha-Chlordane

R.T.: 8.307 min
Delta R.T.: -0.002 min
Response: 12125410
Conc: 6.12 ng/ml




#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 4324529
Conc: 5.99 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
R-1

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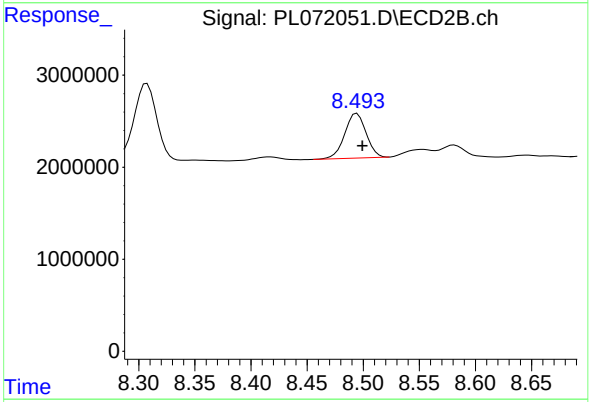
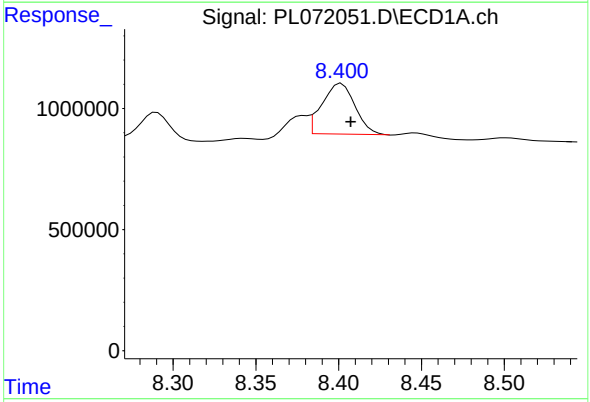


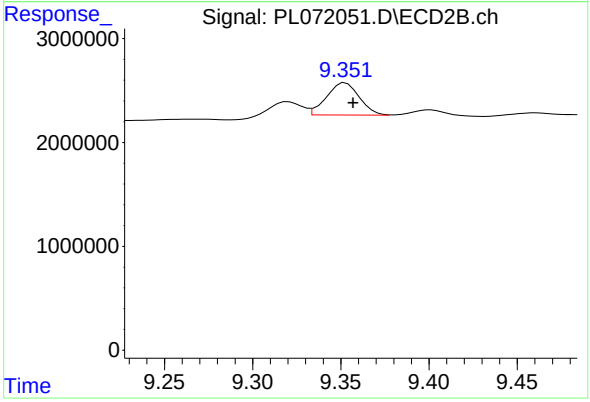

#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 6444811
Conc: 3.41 ng/ml



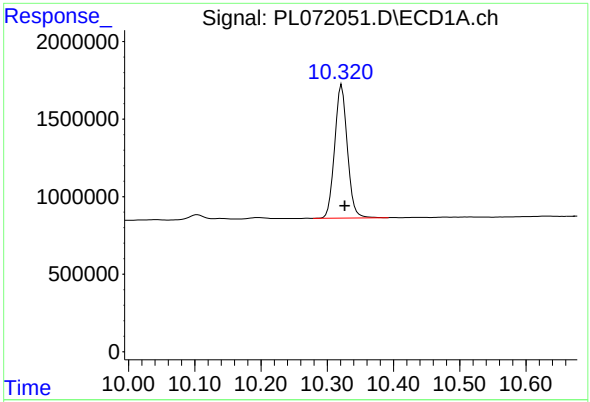

#17 4,4'-DDT

R.T.: 8.400 min
Delta R.T.: -0.007 min
Response: 2830984
Conc: 4.26 ng/ml m




#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: -0.006 min
Response: 3967819
Conc: 2.51 ng/ml m




#28 Decachlorobiphenyl

R.T.: 10.322 min
Delta R.T.: -0.005 min
Response: 11442643
Conc: 12.88 ng/ml

**Instrument :**
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**ClientSampleId :**
R-1

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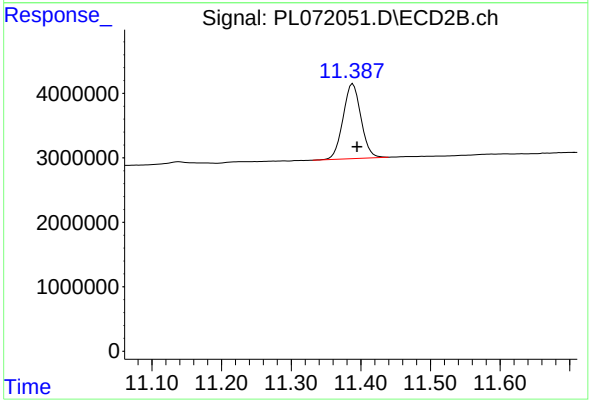


#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: -0.006 min
Response: 20681635
Conc: 12.82 ng/ml