Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121421\
Data File : PL071408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Dec 2021 14:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 14 15:22:06 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
Quant Title : GC Extractables
QLast Update : Tue Dec 14 14:29:34 2021
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... | 4.561 | 5.496 | 9196294 | 22991533 | 19.402 | 19.299 |
| 28) | SA Decachlor... | 10.322 | 11.388 | 13911169 | 21957826 | 20.938 | 20.210 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 5.266 | 6.077 | 4877379 | 15407356 | 7.669 | 8.959 |
| 3) | MA gamma-BHC... | 5.689 | 6.473 | 5759536 | 14314889 | 8.814 | 8.969 |
| 6) | B beta-BHC | 6.072 | 6.731 | 3326773 | 9470927 | 11.650 | 11.832 |
| 12) | B 4,4'-DDE | 7.557 | 8.498 | 100868 | 217730 | 0.185m | 0.183 |
| 14) | MA Endrin | 7.977 | 8.890 | 25929025 | 49930751 | 47.340 | 49.285 |
| 16) | A 4,4'-DDD | 8.145 | 9.037 | 496586 | 920349 | 1.055 | 1.043 |
| 17) | MA 4,4'-DDT | 8.405 | 9.354 | 49963621 | 95615205 | 97.902 | 96.693 |
| 18) | B Endrin al... | 8.479 | 9.262 | 300514 | 391148 | 0.707m | 0.519m# |
| 20) | A Methoxychlor | 9.001 | 9.841 | 72306645 | 125.8E6 | 223.239 | 250.552 |
| 21) | B Endrin ke... | 9.225 | 9.994 | 736150 | 951974 | 1.116 | 0.905m |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121421\
Data File : PL071408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Dec 2021 14:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

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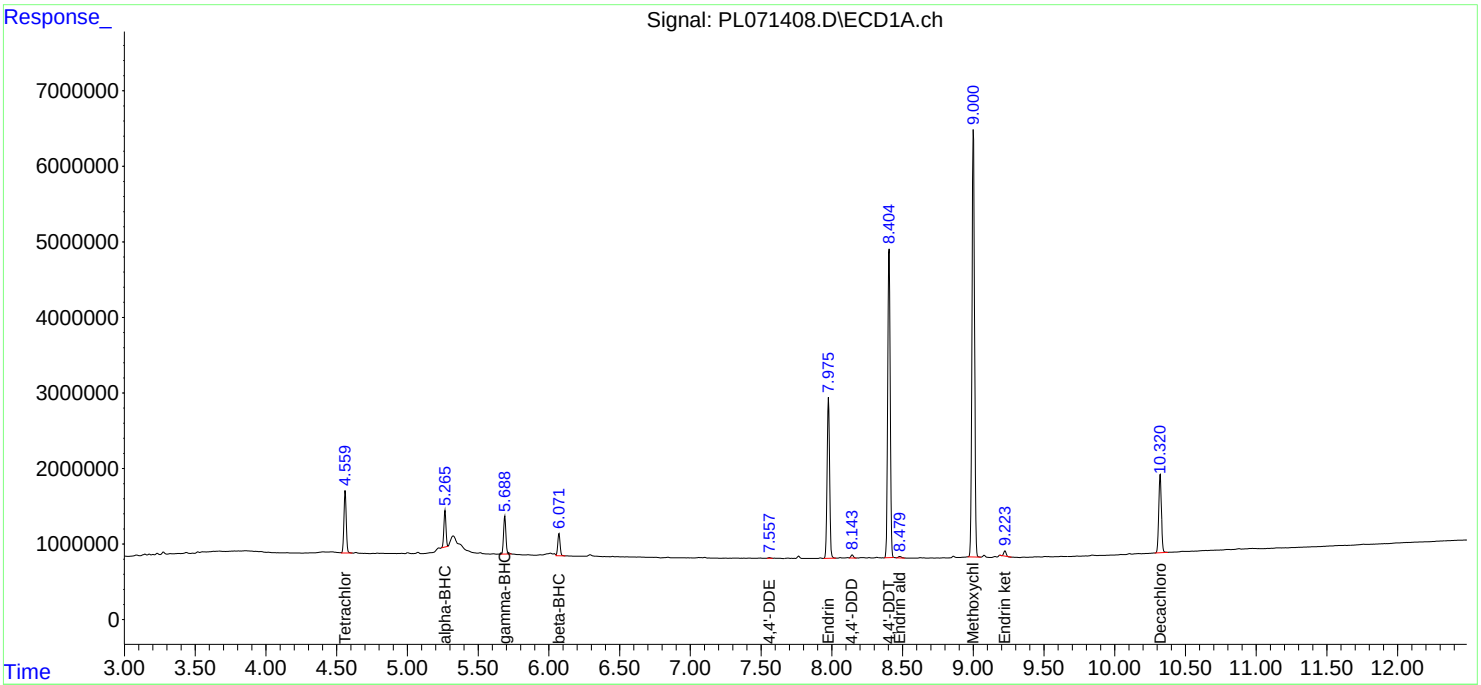


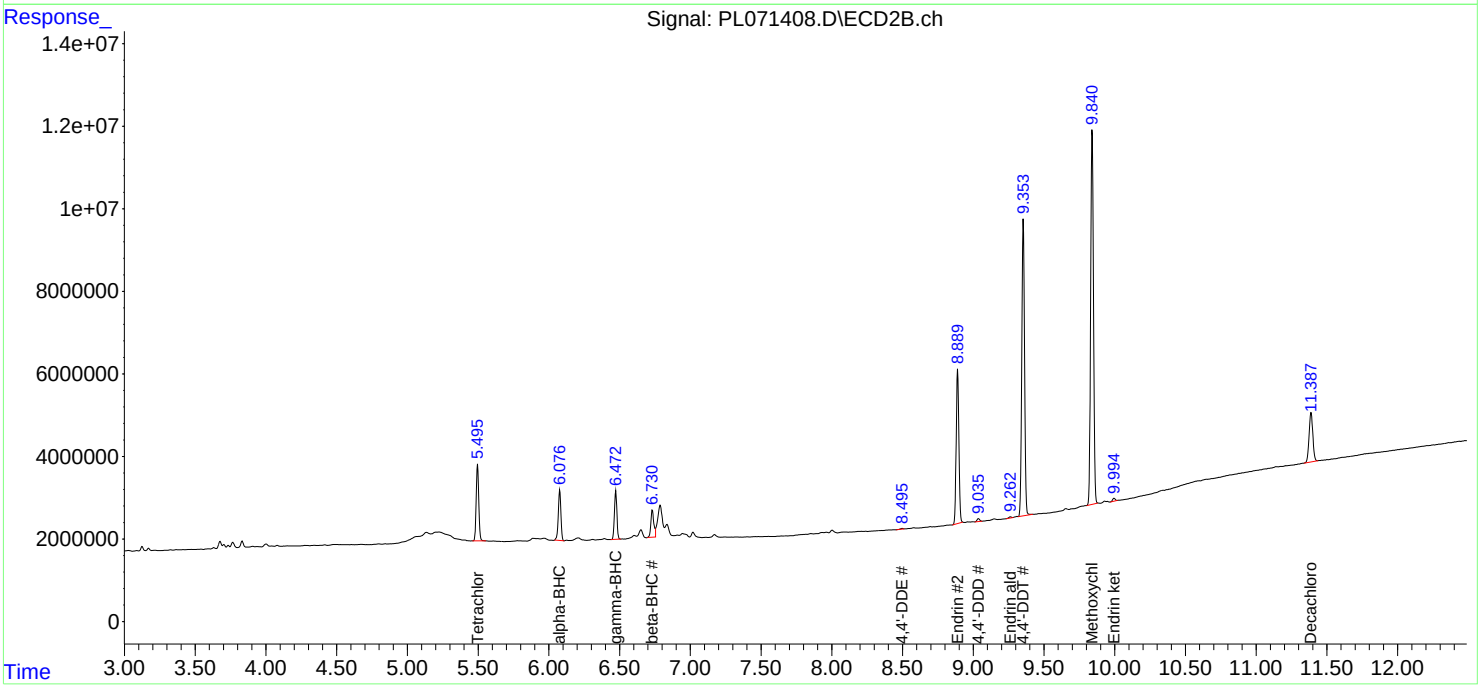

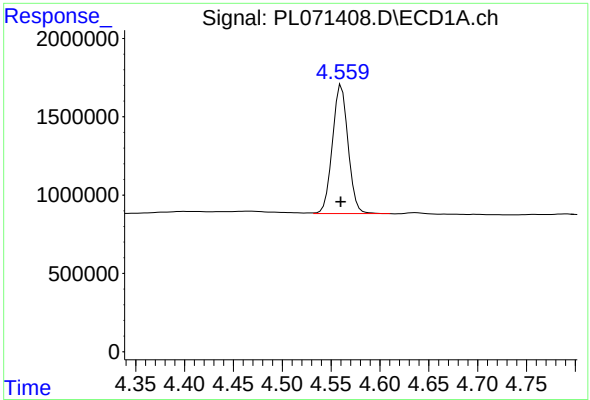


#1 Tetrachloro-m-xylene

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 9196294
Conc: 19.40 ng/ml

**Instrument :**
ECD_L
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PEM

**Manual Integrations**
**APPROVED**

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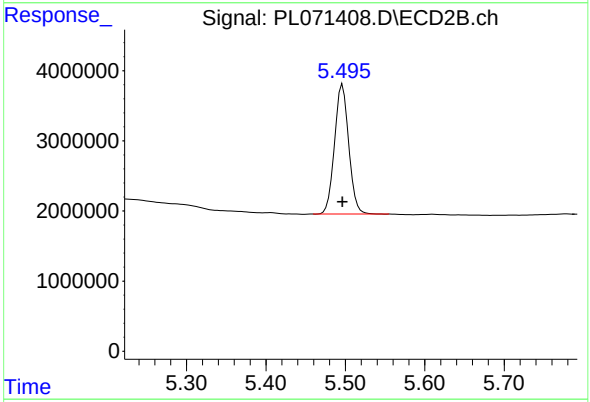
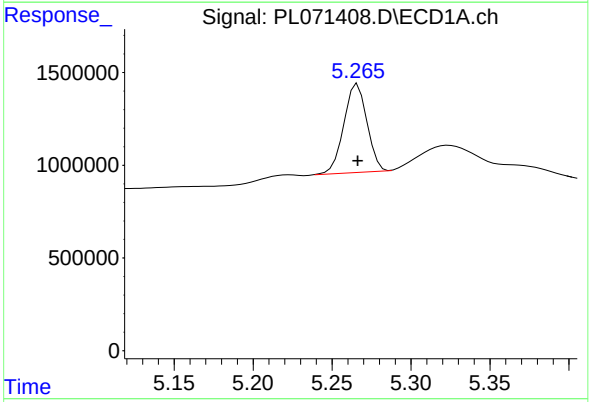


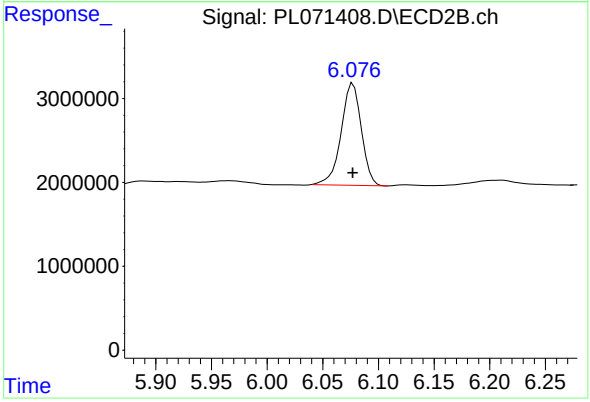

#1 Tetrachloro-m-xylene

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 22991533
Conc: 19.30 ng/ml



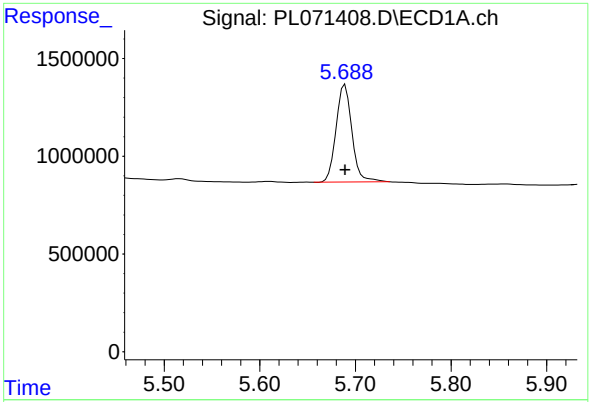

#2 alpha-BHC

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 4877379
Conc: 7.67 ng/ml




#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 15407356
Conc: 8.96 ng/ml




#3 gamma-BHC (Lindane)

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 5759536
Conc: 8.81 ng/ml

**Instrument :**
ECD_L
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PEM

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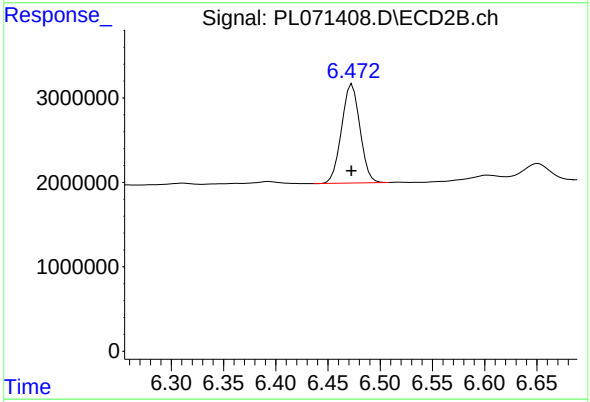
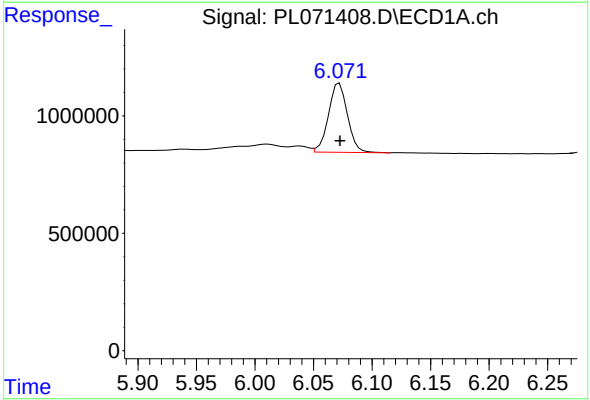


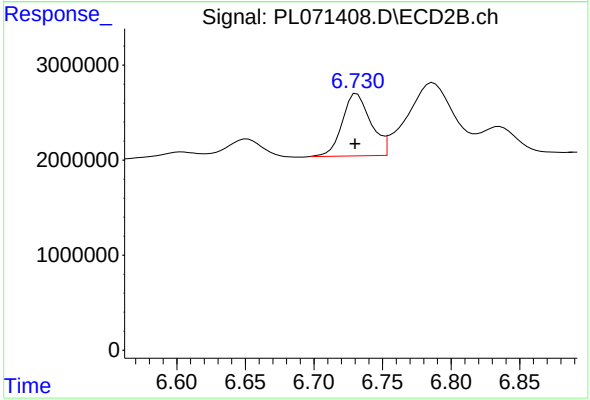

#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 14314889
Conc: 8.97 ng/ml



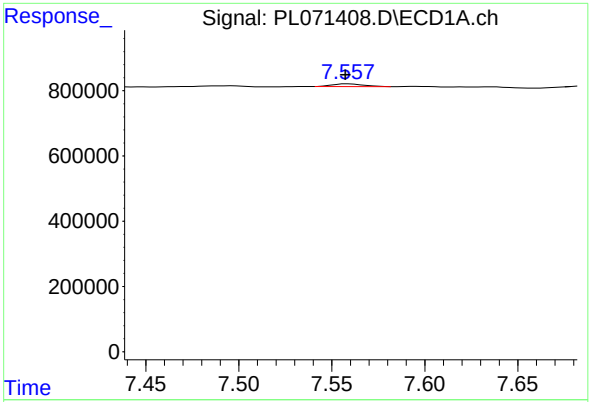

#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 3326773
Conc: 11.65 ng/ml




#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.001 min
Response: 9470927
Conc: 11.83 ng/ml




#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 100868
Conc: 0.18 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

**Manual Integrations APPROVED**

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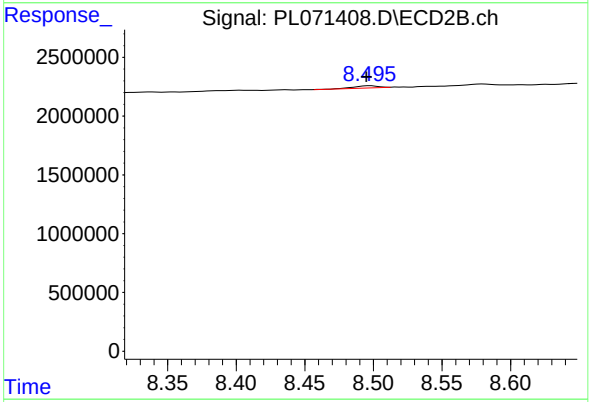
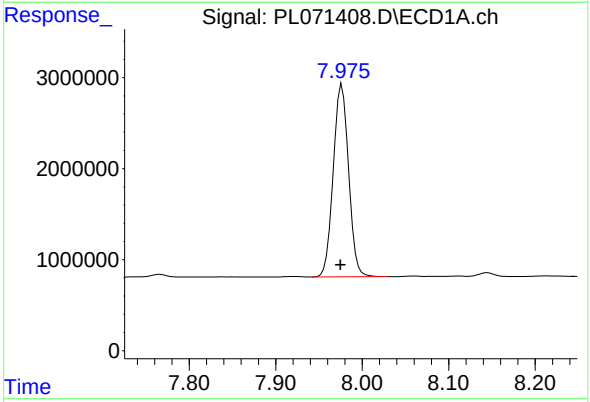


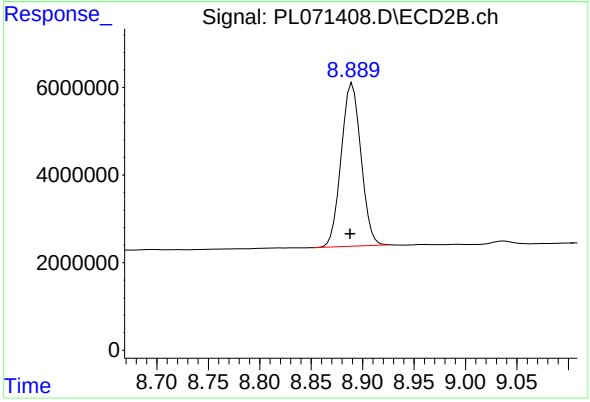

#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: 0.003 min
Response: 217730
Conc: 0.18 ng/ml



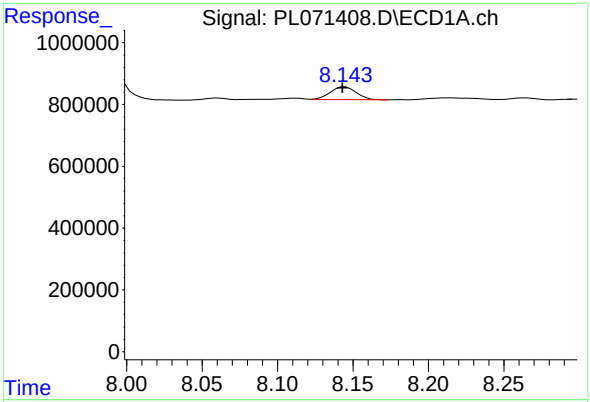

#14 Endrin

R.T.: 7.977 min
Delta R.T.: 0.002 min
Response: 25929025
Conc: 47.34 ng/ml




#14 Endrin

R.T.: 8.890 min
Delta R.T.: 0.002 min
Response: 49930751
Conc: 49.28 ng/ml




#16 4,4'-DDD

R.T.: 8.145 min
Delta R.T.: 0.002 min
Response: 496586
Conc: 1.06 ng/ml

**Instrument :**
ECD_L
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PEM

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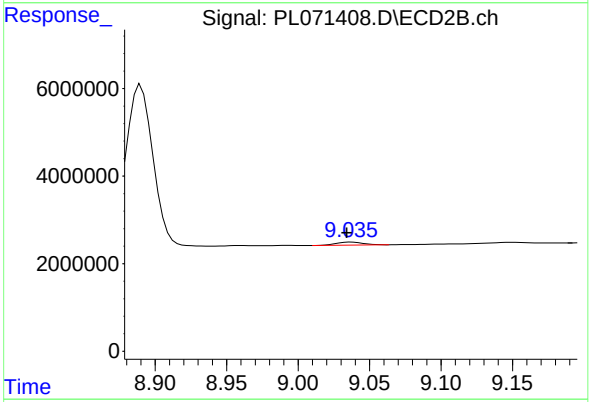
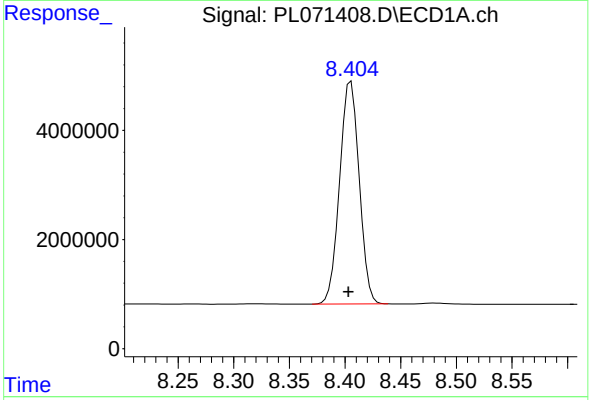


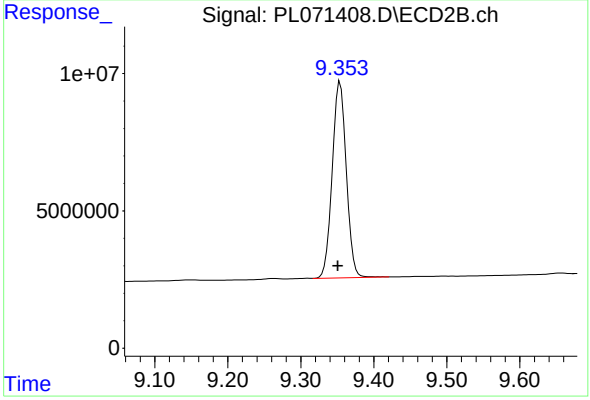

#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: 0.003 min
Response: 920349
Conc: 1.04 ng/ml



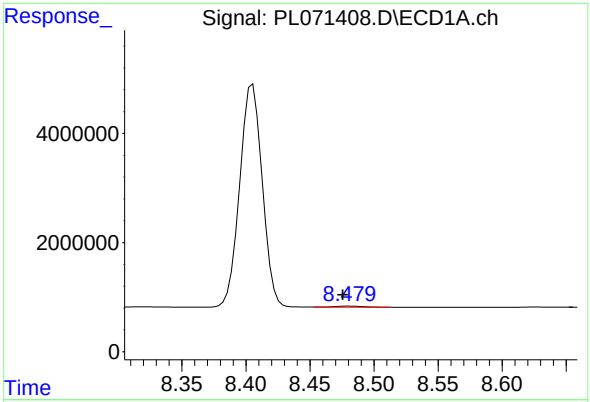

#17 4,4'-DDT

R.T.: 8.405 min
Delta R.T.: 0.002 min
Response: 49963621
Conc: 97.90 ng/ml




#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: 0.003 min
Response: 95615205
Conc: 96.69 ng/ml




#18 Endrin aldehyde

R.T.: 8.479 min
Delta R.T.: 0.003 min
Response: 300514
Conc: 0.71 ng/ml

**Instrument :**
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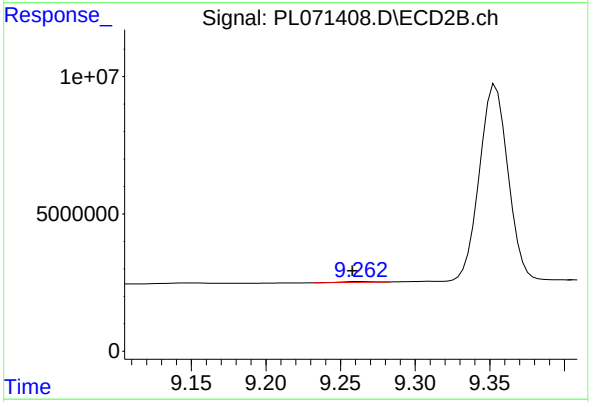
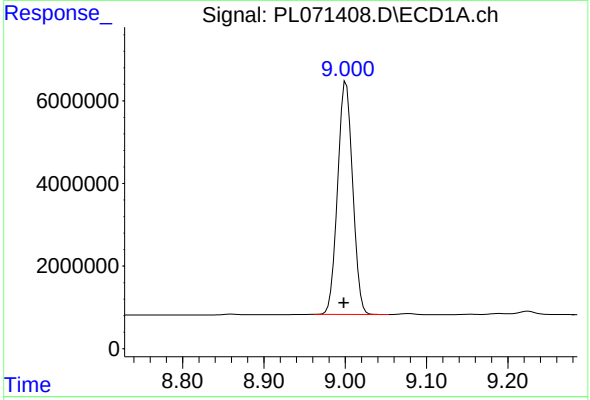


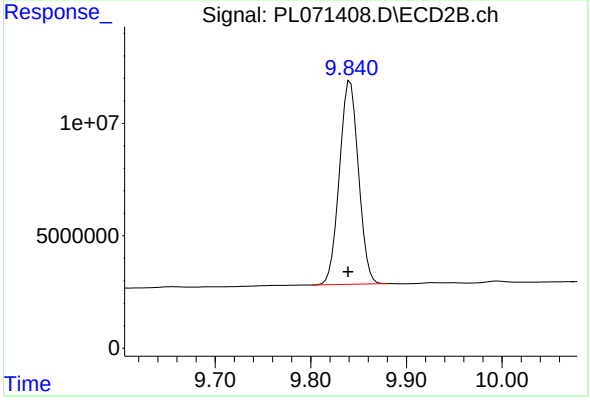

#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.004 min
Response: 391148
Conc: 0.52 ng/ml m



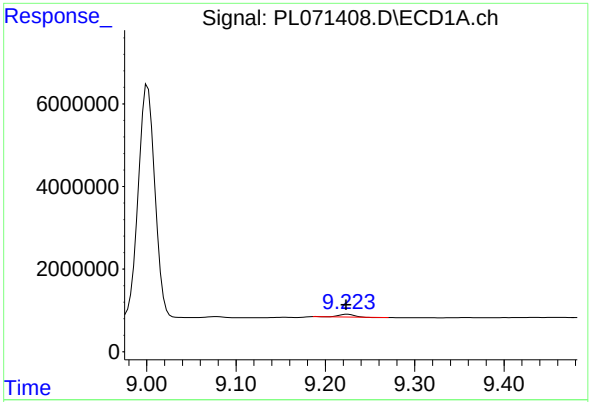

#20 Methoxychlor

R.T.: 9.001 min
Delta R.T.: 0.003 min
Response: 72306645
Conc: 223.24 ng/ml




#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: 0.002 min
Response: 125770321
Conc: 250.55 ng/ml




#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: 0.001 min
Response: 736150
Conc: 1.12 ng/ml

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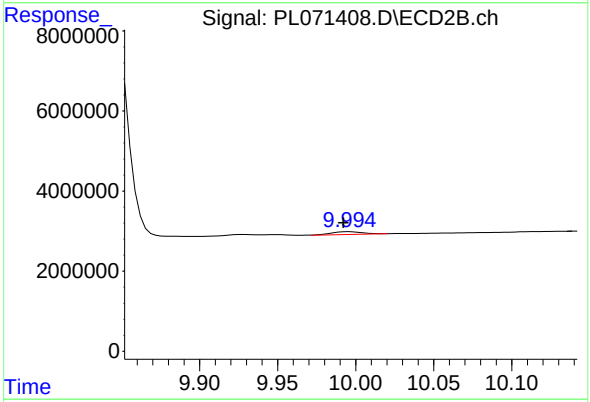
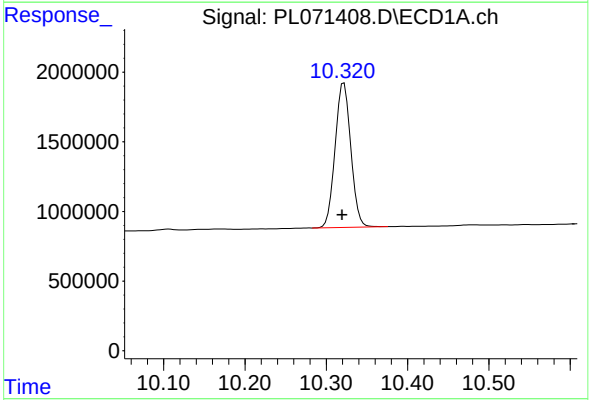


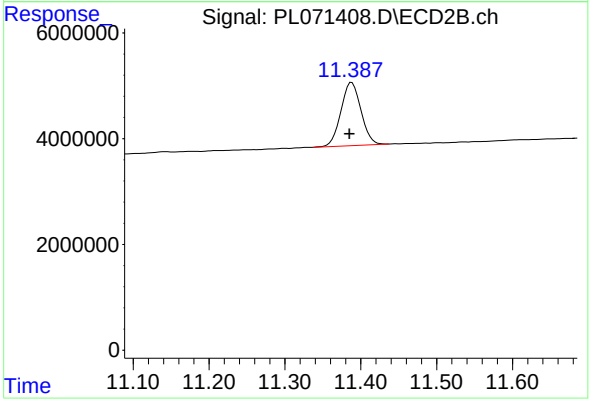

#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: 0.002 min
Response: 951974
Conc: 0.91 ng/ml m




#28 Decachlorobiphenyl

R.T.: 10.322 min
Delta R.T.: 0.003 min
Response: 13911169
Conc: 20.94 ng/ml




#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: 0.003 min
Response: 21957826
Conc: 20.21 ng/ml