Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012320\
Data File : PL056008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2020 13:20
Operator : AJ\MA
Sample : PB126287BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
PB126287BS

**Manual Integrations APPROVED**
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 23 17:00:56 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 2020
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... | 3.490 | 3.965 | 207.5E6 | 66071573 | 21.649 | 23.378 |
| 28) | SA Decachlor... | 8.234 | 8.954 | 227.6E6 | 50270325 | 21.768 | 21.943 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.927 | 4.348 | 817.4E6 | 221.3E6 | 49.260 | 52.181 |
| 3) | MA gamma-BHC... | 4.210 | 4.629 | 776.8E6 | 201.4E6 | 51.203 | 50.772 |
| 4) | MA Heptachlor | 4.511 | 5.128 | 772.5E6 | 177.5E6 | 51.730 | 52.507 |
| 5) | MB Aldrin | 4.760 | 5.429 | 786.5E6 | 179.8E6 | 53.737 | 52.447 |
| 6) | B beta-BHC | 4.459 | 4.796 | 334.8E6 | 86192283 | 52.173 | 54.313m |
| 7) | B delta-BHC | 4.665 | 5.011 | 703.1E6 | 141.7E6 | 47.973 | 47.425 |
| 8) | B Heptachlo... | 5.202 | 5.810 | 726.2E6 | 147.2E6 | 52.648 | 49.251 |
| 9) | A Endosulfan I | 5.540 | 6.163 | 680.3E6 | 147.5E6 | 52.432 | 50.668 |
| 10) | B gamma-Chl... | 5.428 | 6.042 | 753.1E6 | 159.9E6 | 53.682 | 51.858 |
| 11) | B alpha-Chl... | 5.486 | 6.113 | 720.7E6 | 156.6E6 | 52.135 | 50.713 |
| 12) | B 4,4'-DDE | 5.649 | 6.268 | 708.6E6 | 151.9E6 | 54.248 | 51.855 |
| 13) | MA Dieldrin | 5.783 | 6.417 | 739.4E6 | 155.2E6 | 53.454 | 51.340 |
| 14) | MA Endrin | 6.040 | 6.633 | 628.3E6 | 122.9E6 | 49.732 | 48.506 |
| 15) | B Endosulfa... | 6.312 | 6.840 | 597.5E6 | 130.8E6 | 53.504 | 48.788 |
| 16) | A 4,4'-DDD | 6.164 | 6.754 | 545.5E6 | 121.5E6 | 54.781 | 52.692 |
| 17) | MA 4,4'-DDT | 6.404 | 7.048 | 553.4E6 | 115.7E6 | 54.681 | 51.238 |
| 18) | B Endrin al... | 6.480 | 6.963 | 509.4E6 | 110.6E6 | 49.020 | 48.975 |
| 19) | B Endosulfa... | 6.693 | 7.184 | 576.1E6 | 122.3E6 | 53.269 | 49.397 |
| 20) | A Methoxychlor | 6.947 | 7.502 | 265.8E6 | 58356860 | 50.937 | 48.908 |
| 21) | B Endrin ke... | 7.182 | 7.650 | 664.5E6 | 137.3E6 | 52.780m | 51.979 |
| 22) | Mirex | 7.372 | 8.100 | 421.7E6 | 90181322 | 60.036 | 49.423 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012320\
Data File : PL056008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2020 13:20
Operator : AJ\MA
Sample : PB126287BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
PB126287BS

**Manual Integrations APPROVED**
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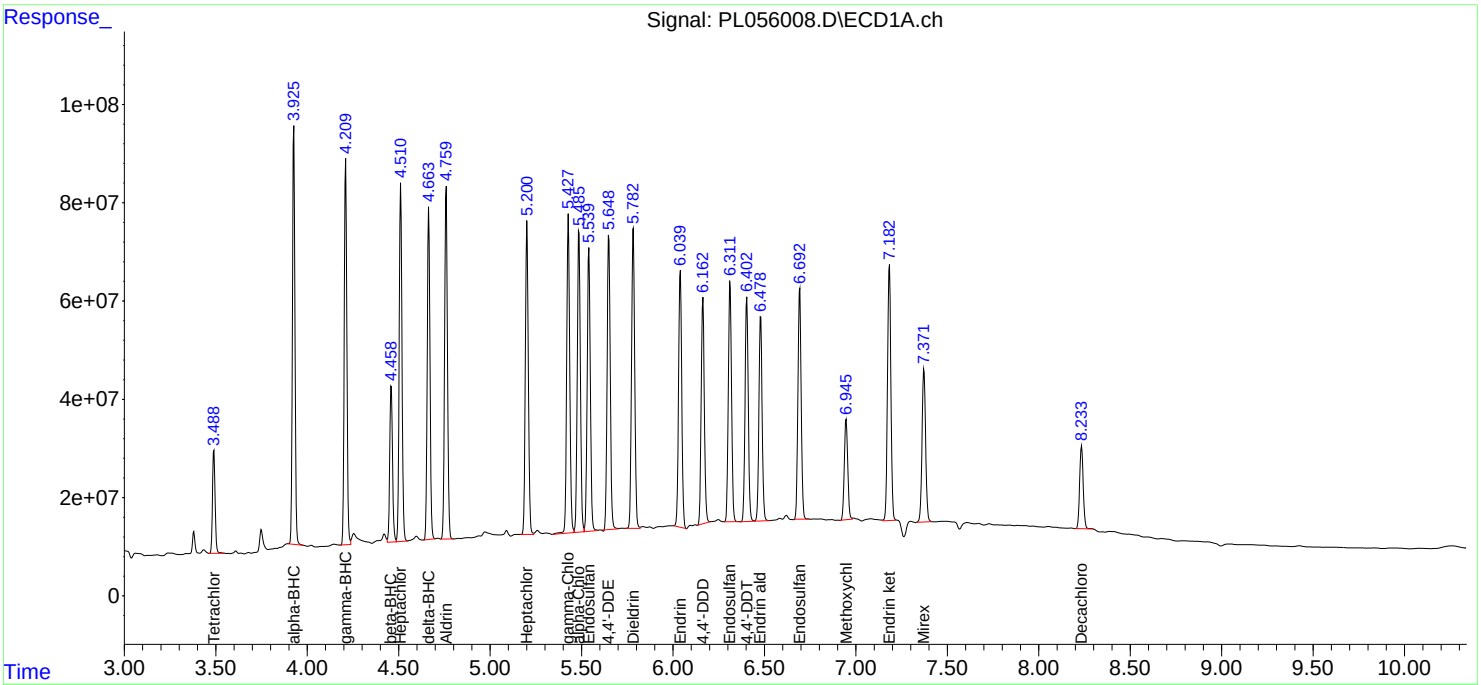
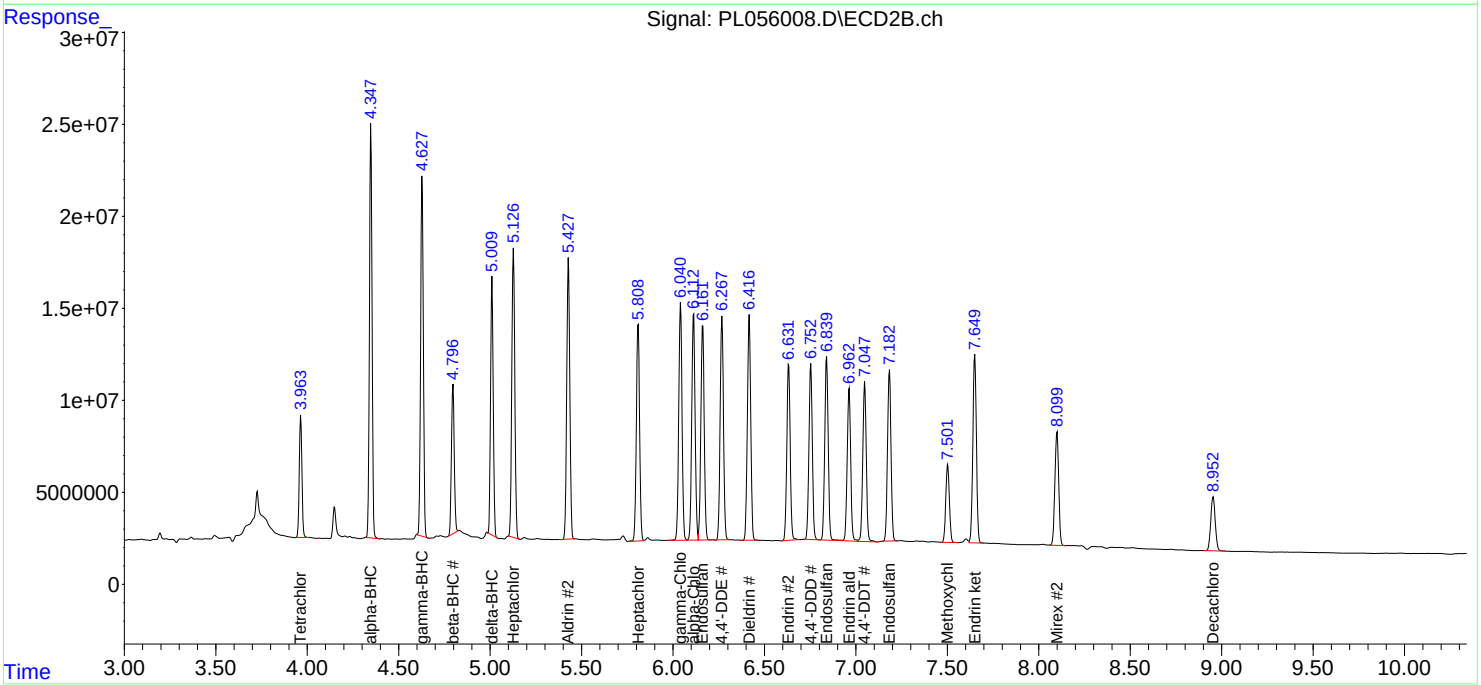
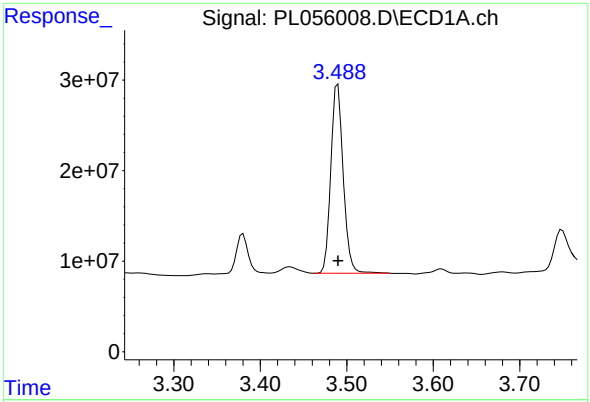
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 23 17:00:56 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 2020
Response via : Initial Calibration
Integrator: ChemStation

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






#1 Tetrachloro-m-xylene

R.T.: 3.490 min
Delta R.T.: 0.000 min
Response: 207492009
Conc: 21.65 ng/ml

**Instrument :**
ECD_L
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**Manual Integrations APPROVED**
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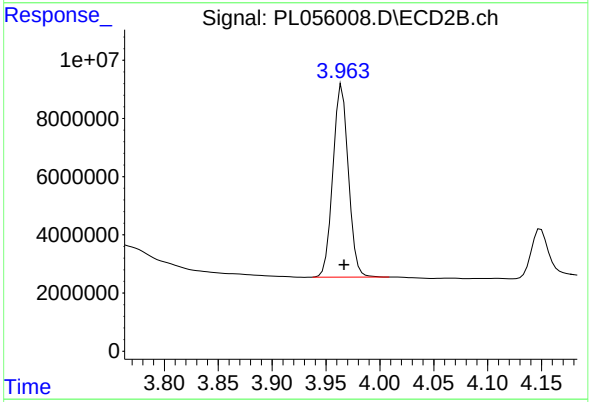
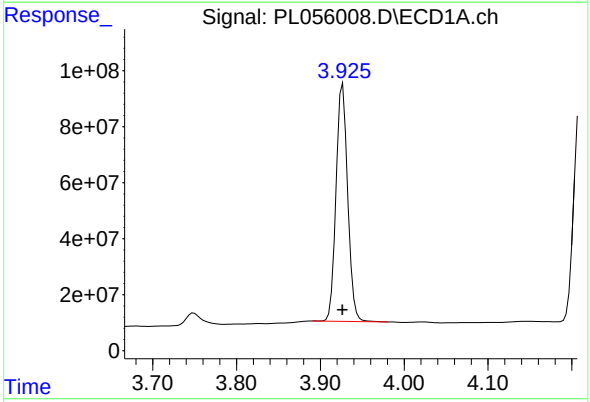


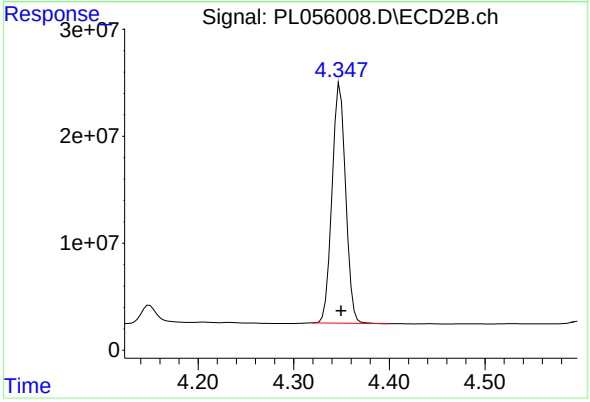

#1 Tetrachloro-m-xylene

R.T.: 3.965 min
Delta R.T.: -0.002 min
Response: 66071573
Conc: 23.38 ng/ml



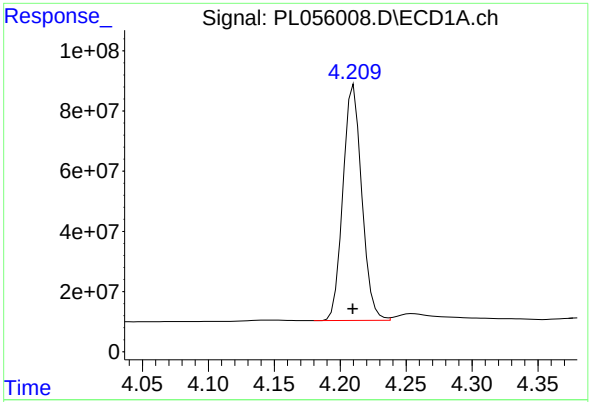

#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 817385150
Conc: 49.26 ng/ml




#2 alpha-BHC

R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 221292217
Conc: 52.18 ng/ml




#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 776802255
Conc: 51.20 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PB126287BS

**Manual Integrations APPROVED**
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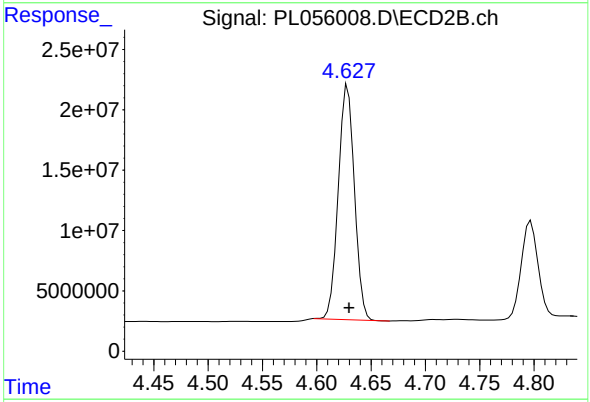
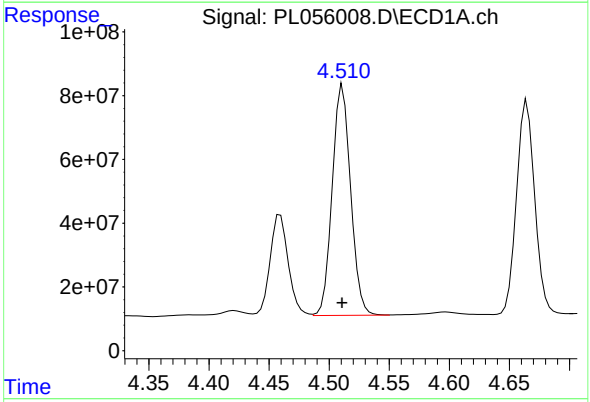


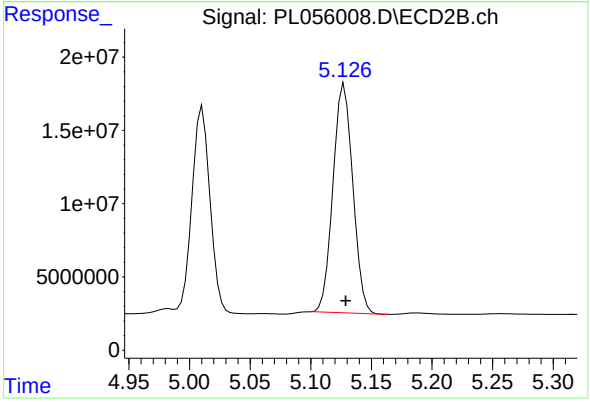

#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: -0.001 min
Response: 201406208
Conc: 50.77 ng/ml



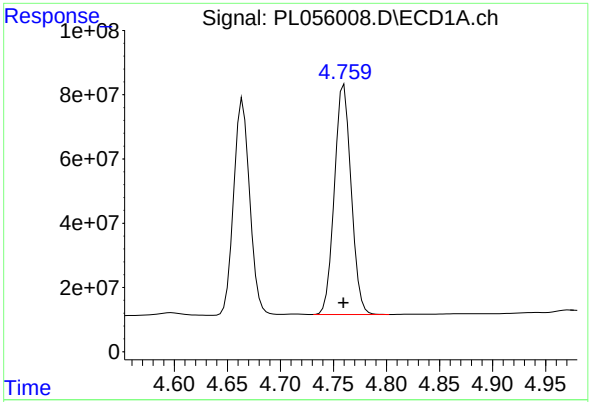

#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 772455348
Conc: 51.73 ng/ml




#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 177543627
Conc: 52.51 ng/ml




#5 Aldrin

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 786485882
Conc: 53.74 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PB126287BS

**Manual Integrations APPROVED**
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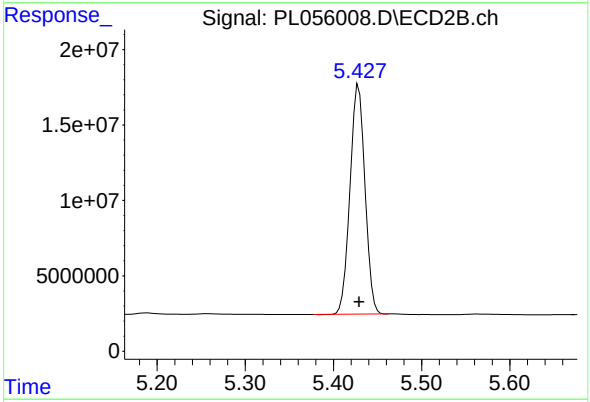
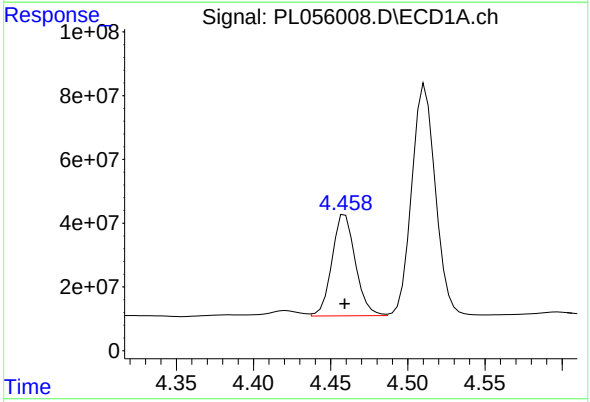


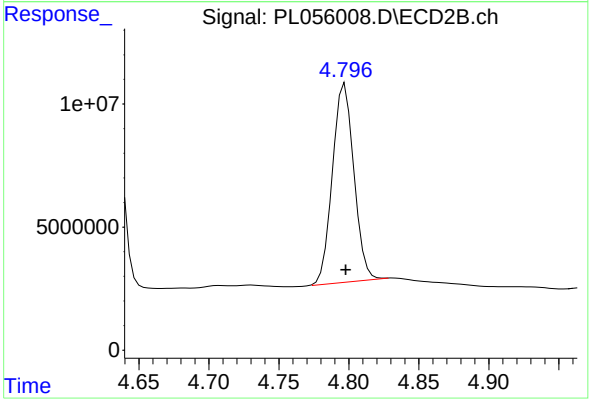

#5 Aldrin

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 179783632
Conc: 52.45 ng/ml



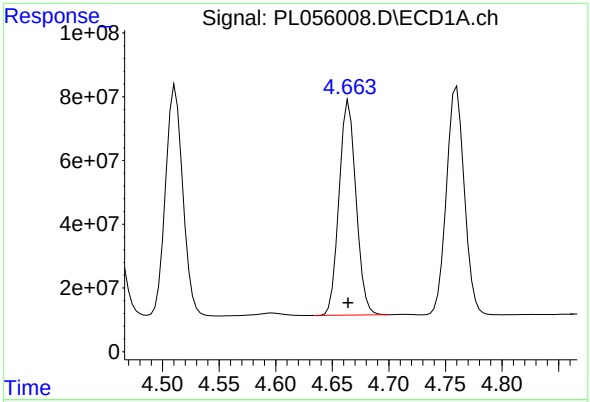

#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 334815389
Conc: 52.17 ng/ml




#6 beta-BHC

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 86192283
Conc: 54.31 ng/ml m




#7 delta-BHC

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 703147511
Conc: 47.97 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PB126287BS

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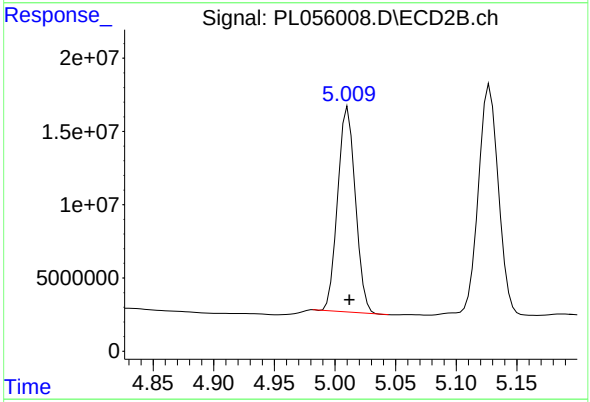
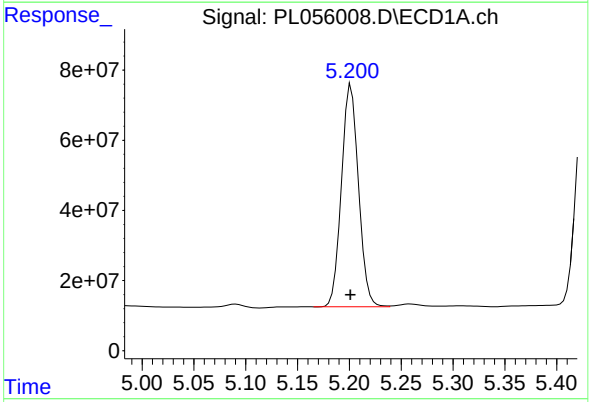


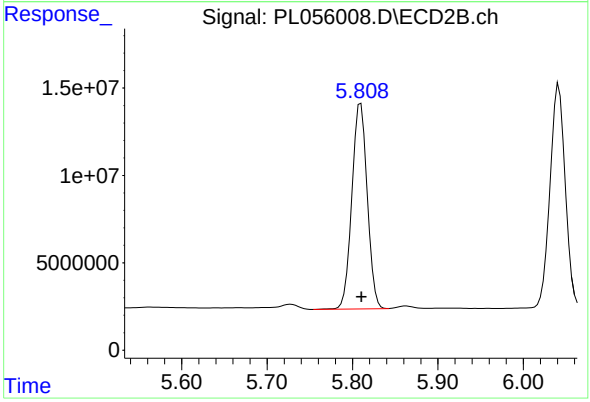

#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: -0.001 min
Response: 141699383
Conc: 47.42 ng/ml



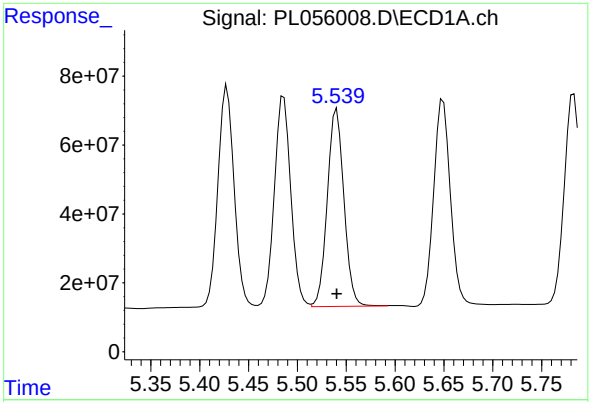

#8 Heptachlor epoxide

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 726217382
Conc: 52.65 ng/ml




#8 Heptachlor epoxide

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 147165156
Conc: 49.25 ng/ml




#9 Endosulfan I

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 680306497
Conc: 52.43 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
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**Manual Integrations APPROVED**
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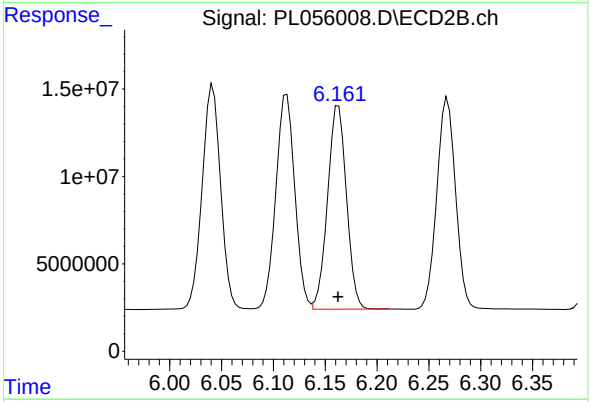
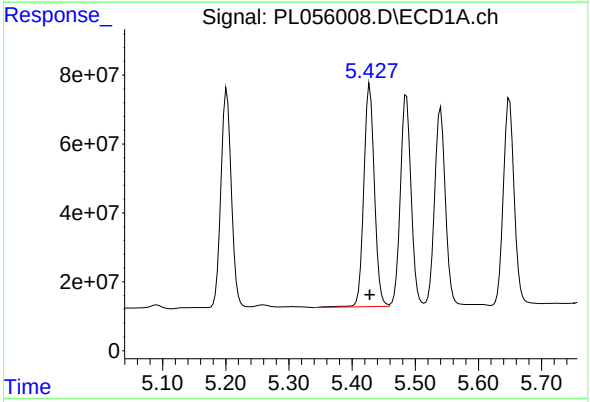


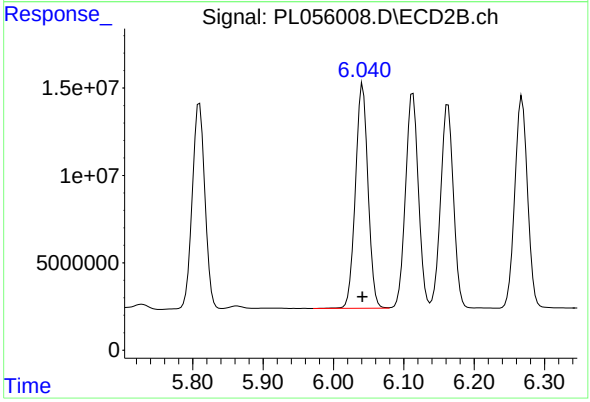

#9 Endosulfan I

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 147534323
Conc: 50.67 ng/ml



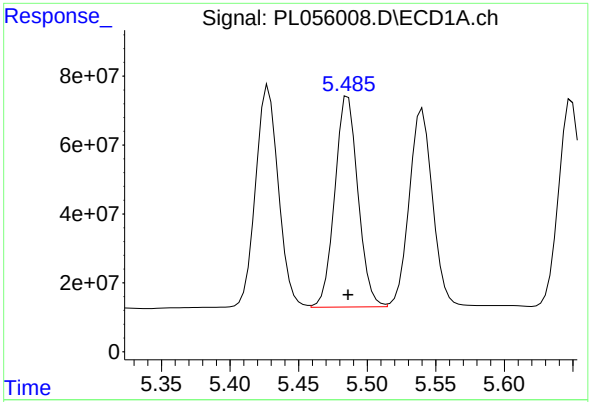

#10 gamma-Chlordane

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 753119940
Conc: 53.68 ng/ml




#10 gamma-Chlordane

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 159919555
Conc: 51.86 ng/ml




#11 alpha-Chlordane

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 720730396
Conc: 52.13 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PB126287BS

**Manual Integrations APPROVED**
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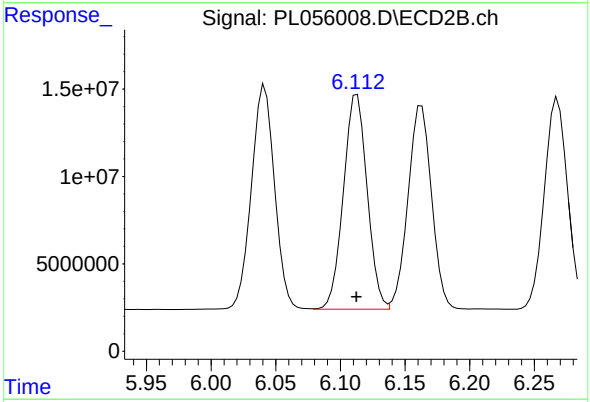
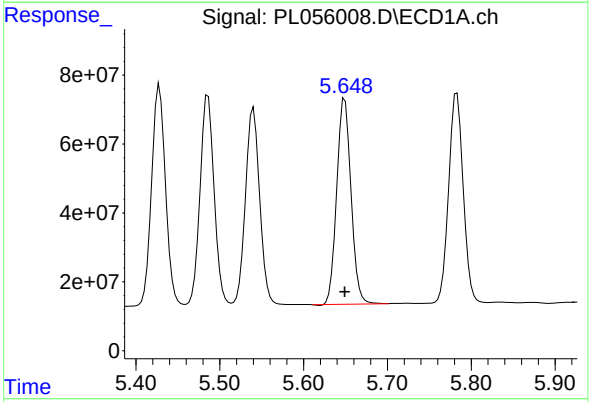


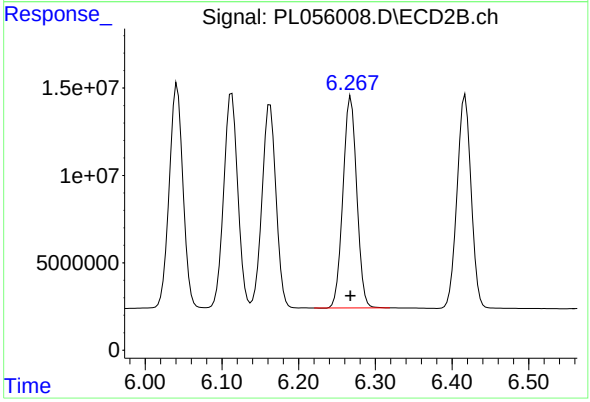

#11 alpha-Chlordane

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 156580761
Conc: 50.71 ng/ml



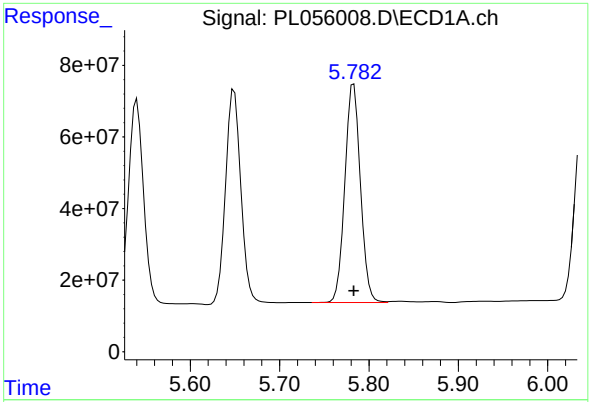

#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 708559223
Conc: 54.25 ng/ml




#12 4,4'-DDE

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 151859090
Conc: 51.86 ng/ml




#13 Dieldrin

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 739384526
Conc: 53.45 ng/ml

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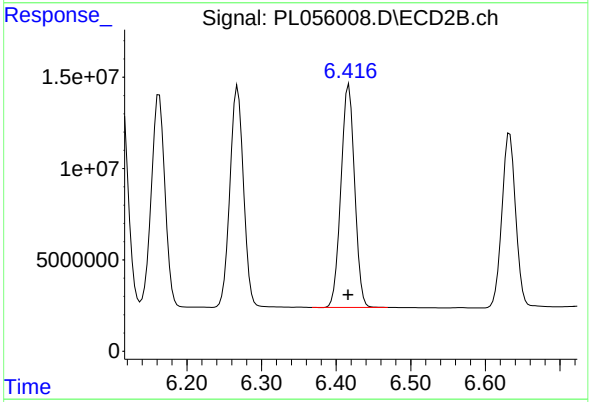
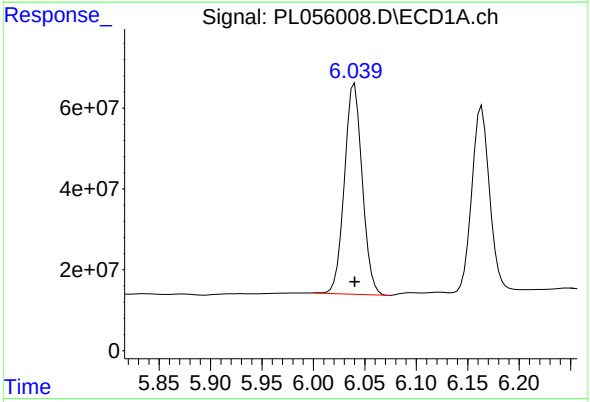


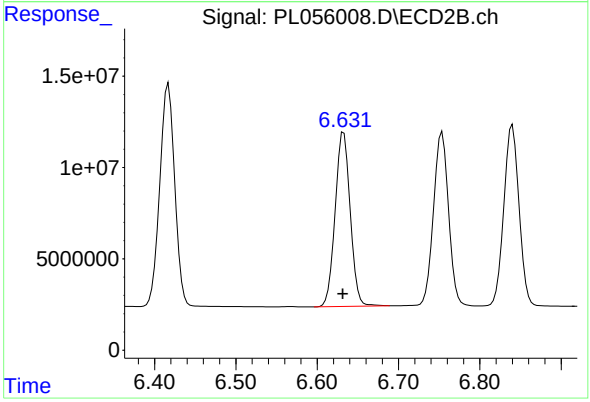

#13 Dieldrin

R.T.: 6.417 min
Delta R.T.: 0.001 min
Response: 155158366
Conc: 51.34 ng/ml



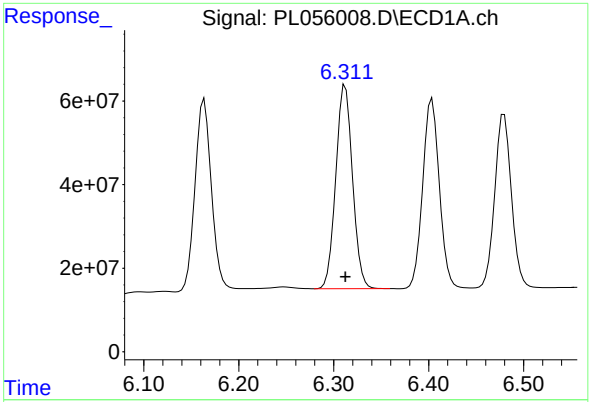

#14 Endrin

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 628293805
Conc: 49.73 ng/ml




#14 Endrin

R.T.: 6.633 min
Delta R.T.: 0.001 min
Response: 122901104
Conc: 48.51 ng/ml




#15 Endosulfan II

R.T.: 6.312 min
Delta R.T.: 0.000 min
Response: 597496478
Conc: 53.50 ng/ml

**Instrument :**
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**ClientSampleId :**
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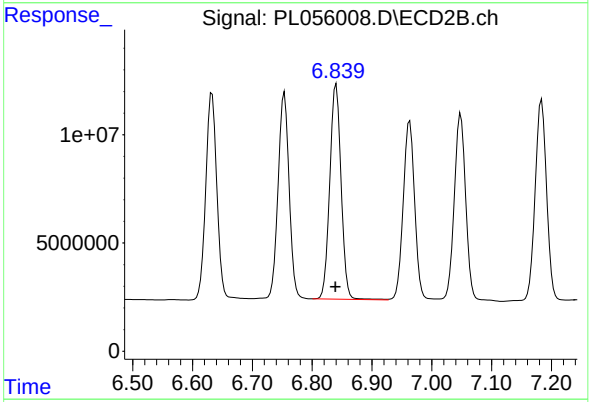
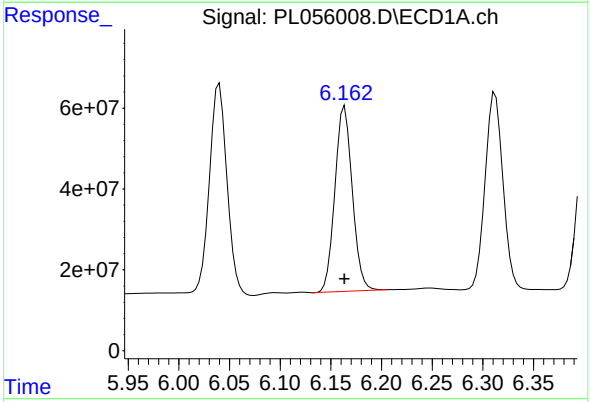
1/24/2020 10:42:22 AM



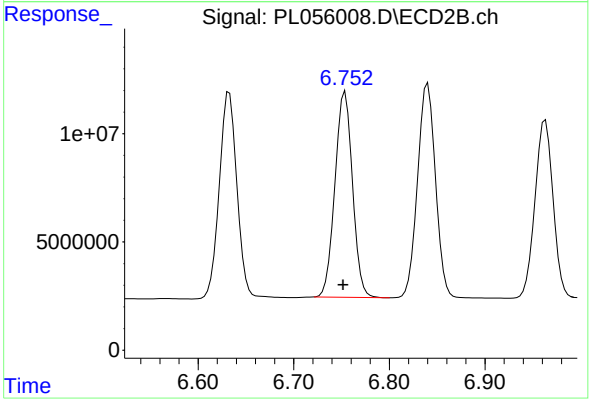

#15 Endosulfan II

R.T.: 6.840 min
Delta R.T.: 0.001 min
Response: 130841203
Conc: 48.79 ng/ml



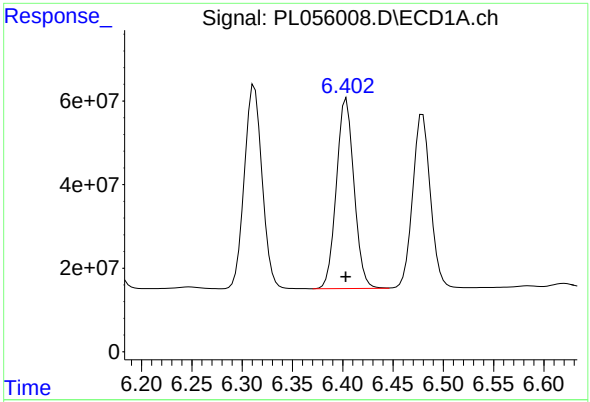

#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 545481858
Conc: 54.78 ng/ml




#16 4,4'-DDD

R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 121473298
Conc: 52.69 ng/ml




#17 4,4'-DDT

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 553420345
Conc: 54.68 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PB126287BS

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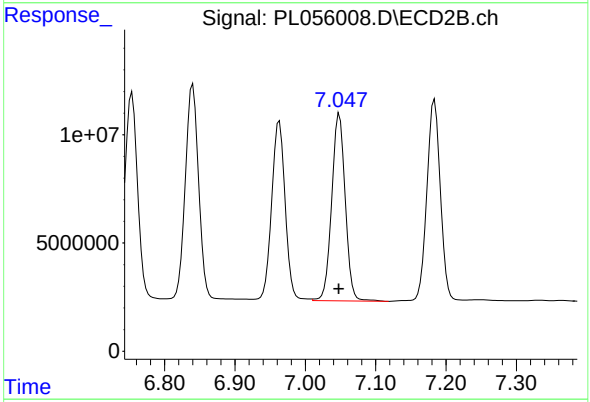
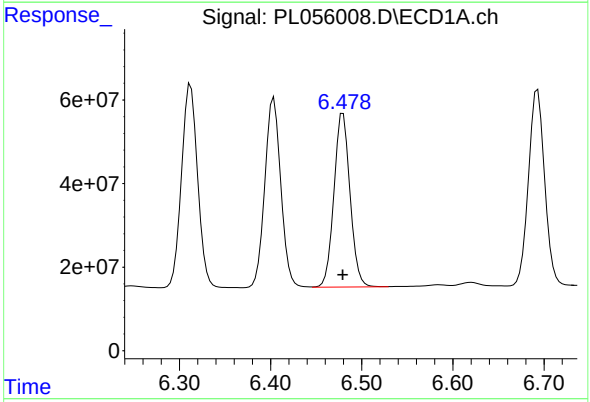


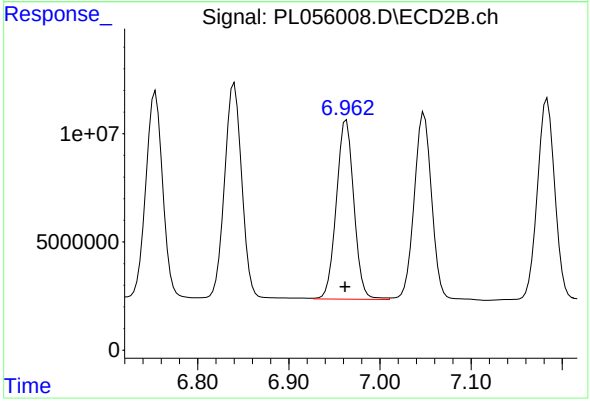

#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 115685869
Conc: 51.24 ng/ml



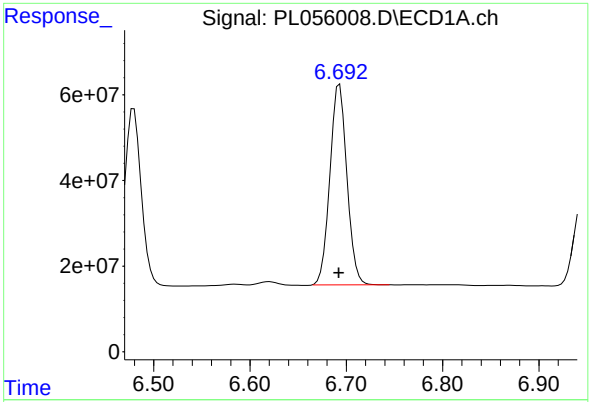

#18 Endrin aldehyde

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 509447274
Conc: 49.02 ng/ml




#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.002 min
Response: 110559046
Conc: 48.98 ng/ml




#19 Endosulfan Sulfate

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 576102354
Conc: 53.27 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PB126287BS

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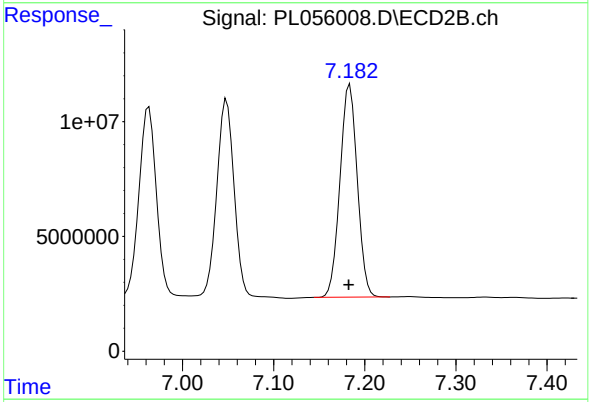
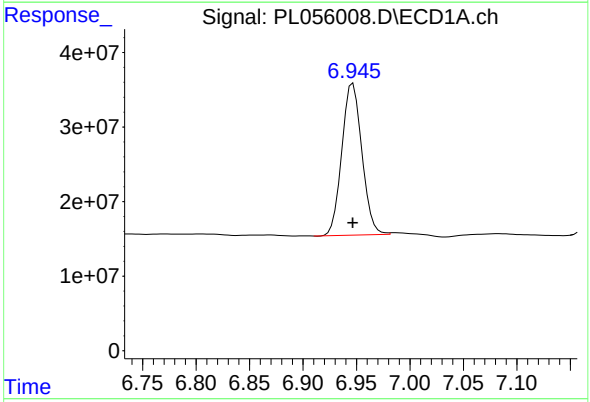


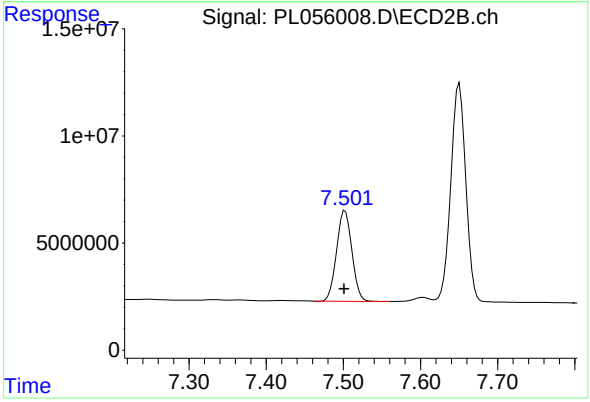

#19 Endosulfan Sulfate

R.T.: 7.184 min
Delta R.T.: 0.001 min
Response: 122288045
Conc: 49.40 ng/ml



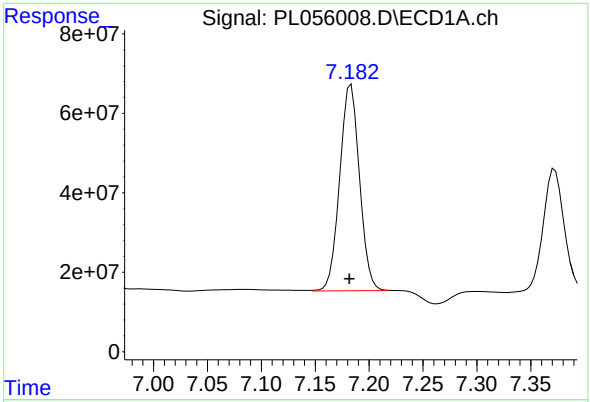

#20 Methoxychlor

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 265812591
Conc: 50.94 ng/ml




#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.001 min
Response: 58356860
Conc: 48.91 ng/ml




#21 Endrin ketone

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 664450683
Conc: 52.78 ng/ml m

**Instrument :**
ECD_L
**ClientSampleId :**
PB126287BS

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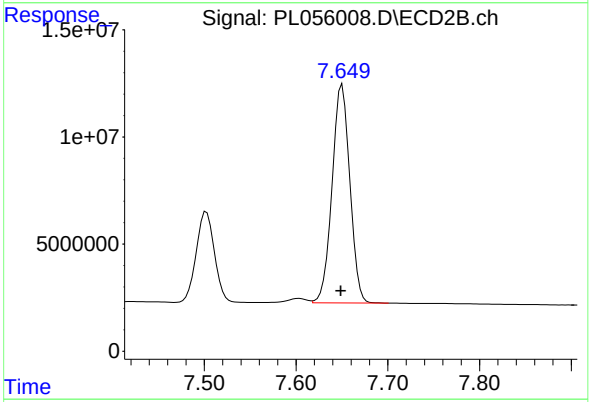
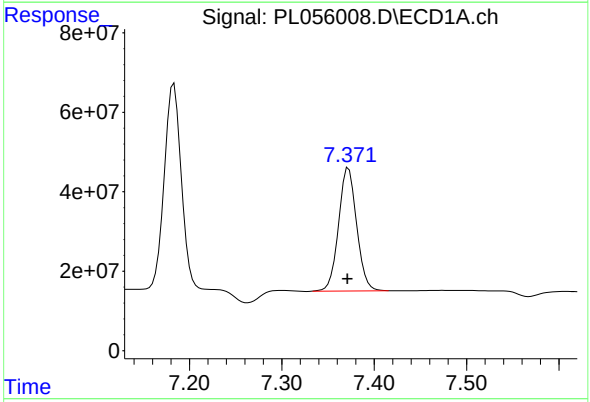


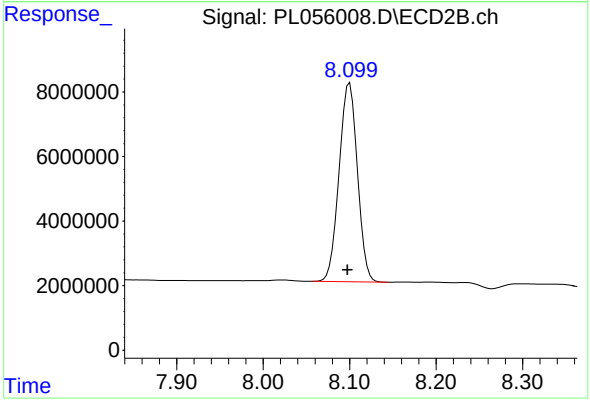

#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.002 min
Response: 137259350
Conc: 51.98 ng/ml



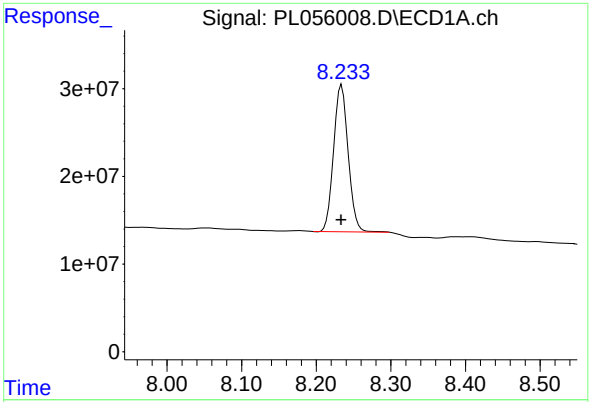

#22 Mirex

R.T.: 7.372 min
Delta R.T.: 0.001 min
Response: 421651474
Conc: 60.04 ng/ml




#22 Mirex

R.T.: 8.100 min
Delta R.T.: 0.002 min
Response: 90181322
Conc: 49.42 ng/ml




#28 Decachlorobiphenyl

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 227597374
Conc: 21.77 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PB126287BS

**Manual Integrations APPROVED**
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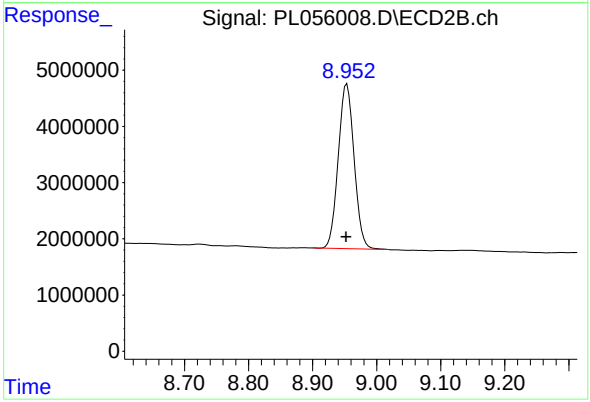


#28 Decachlorobiphenyl

R.T.: 8.954 min
Delta R.T.: 0.001 min
Response: 50270325
Conc: 21.94 ng/ml