

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041525\  
 Data File : PL095239.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Apr 2025 15:53  
 Operator : AR\AJ  
 Sample : Q1787-09MS 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-1MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/16/2025  
 Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 01:24:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041425.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 14 19:12:49 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.535 | 2.768 | 9760976  | 13022316 | 3.558m  | 3.499    |
| 28)                         | SA Decachlor... | 9.055 | 7.901 | 9377806  | 12021135 | 3.895m  | 2.733m#  |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.993 | 3.269 | 40962591 | 46953272 | 10.192  | 8.479m   |
| 3)                          | MA gamma-BHC... | 4.326 | 3.600 | 40428906 | 44570641 | 10.513  | 8.468    |
| 4)                          | MA Heptachlor   | 4.913 | 3.937 | 36312411 | 44330276 | 9.904   | 8.526    |
| 5)                          | MB Aldrin       | 5.255 | 4.216 | 38187465 | 45034781 | 10.821  | 9.241    |
| 6)                          | B beta-BHC      | 4.525 | 3.901 | 17700944 | 22951926 | 10.096m | 9.905    |
| 7)                          | B delta-BHC     | 4.771 | 4.127 | 42600972 | 41026056 | 10.871m | 7.935m#  |
| 8)                          | B Heptachlo...  | 5.681 | 4.718 | 36378385 | 43935291 | 11.330m | 9.617m   |
| 9)                          | A Endosulfan I  | 6.067 | 5.090 | 32019788 | 28121543 | 10.334m | 6.478 #  |
| 10)                         | B gamma-Chl...  | 5.938 | 4.967 | 36128090 | 46398886 | 10.815m | 9.633m   |
| 11)                         | B alpha-Chl...  | 6.016 | 5.033 | 36299812 | 46898385 | 10.935m | 9.895    |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.220 | 22458114 | 48601554 | 6.868   | 10.094m# |
| 13)                         | MA Dieldrin     | 6.344 | 5.351 | 33651371 | 44382188 | 10.213  | 9.246m   |
| 14)                         | MA Endrin       | 6.573 | 5.628 | 28429954 | 41517009 | 10.909m | 9.938m   |
| 15)                         | B Endosulfa...  | 6.795 | 5.923 | 29673119 | 40425785 | 10.403  | 9.208m   |
| 16)                         | A 4,4'-DDD      | 6.710 | 5.776 | 26807215 | 32517355 | 10.558  | 8.359    |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.026 | 24421764 | 32497041 | 9.594   | 7.801    |
| 18)                         | B Endrin al...  | 6.923 | 6.102 | 13952132 | 15283078 | 6.339m  | 4.535m#  |
| 19)                         | B Endosulfa...  | 7.159 | 6.327 | 25165868 | 32899766 | 9.794   | 7.877    |
| 20)                         | A Methoxychlor  | 7.501 | 6.600 | 12166384 | 15833483 | 9.083   | 7.051m   |
| 21)                         | B Endrin ke...  | 7.645 | 6.830 | 28450373 | 38195230 | 9.856   | 7.575m   |
| 22)                         | Mirex           | 8.117 | 7.009 | 20459436 | 31638819 | 9.618m  | 8.047m   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041525\  
Data File : PL095239.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Apr 2025 15:53  
Operator : AR\AJ  
Sample : Q1787-09MS 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

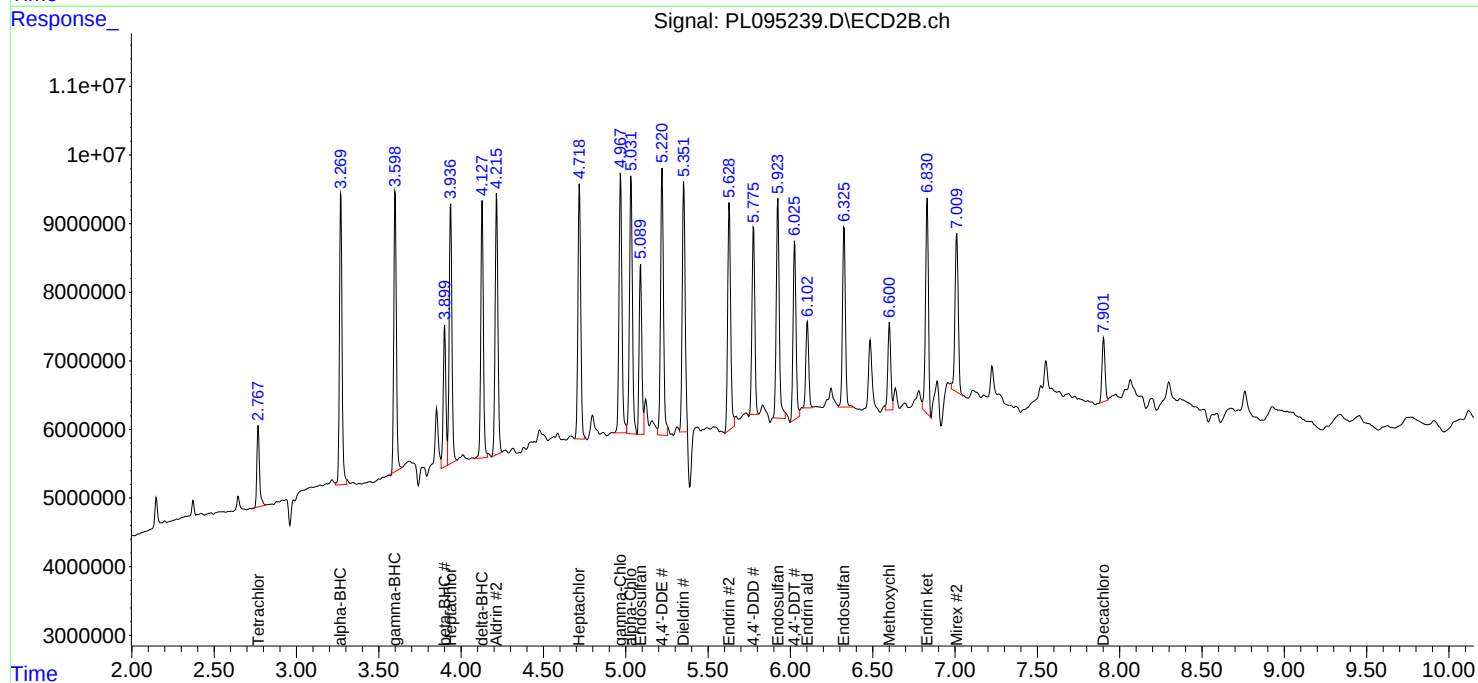
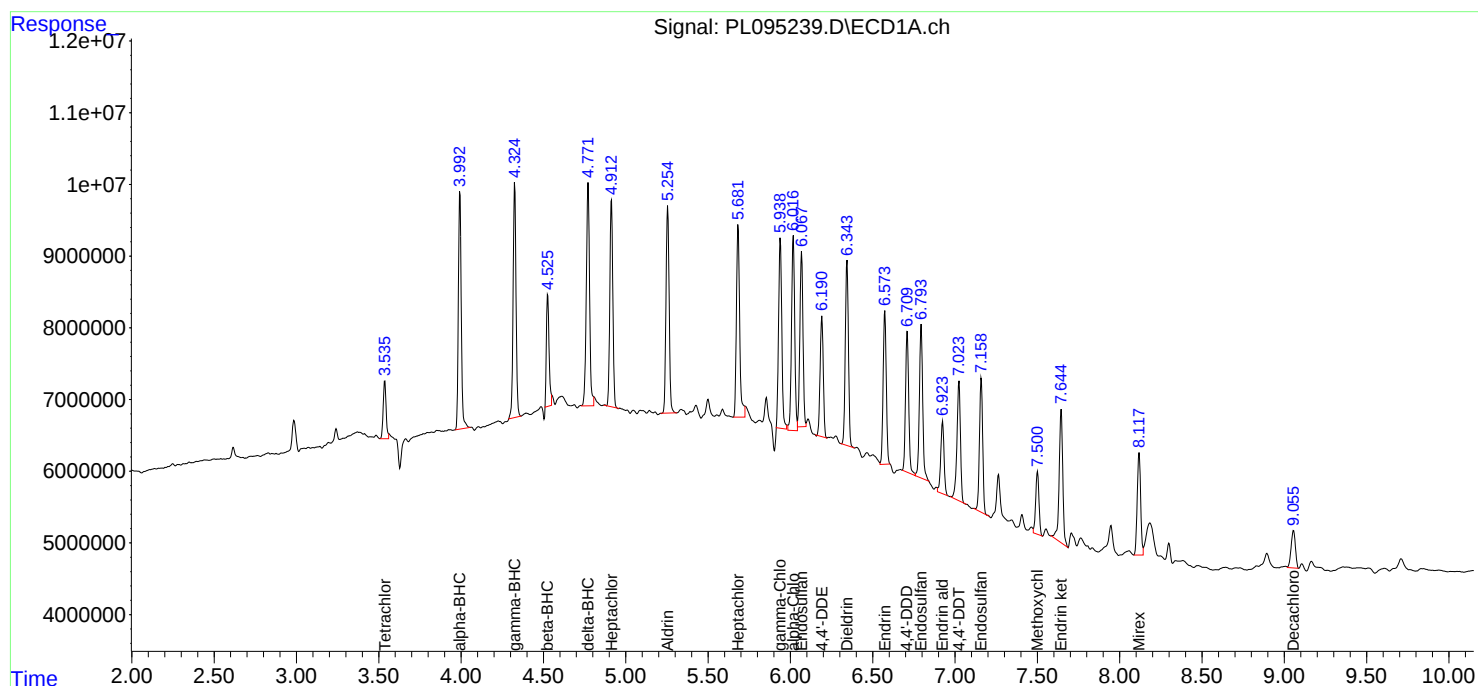
Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

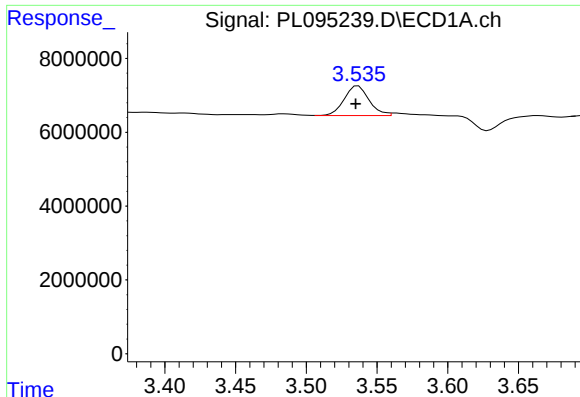
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 16 01:24:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041425.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 14 19:12:49 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





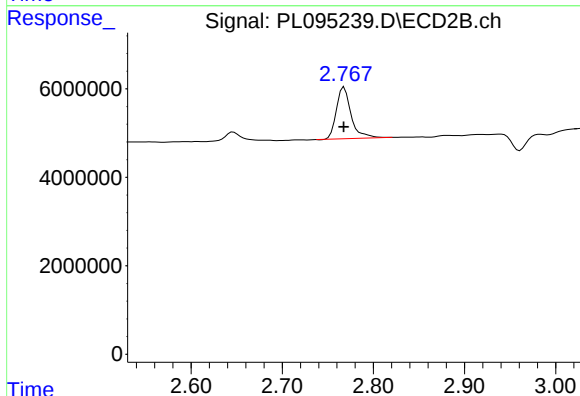
#1 Tetrachloro-m-xylene

R.T.: 3.535 min  
Delta R.T.: 0.000 min  
Response: 9760976  
Conc: 3.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

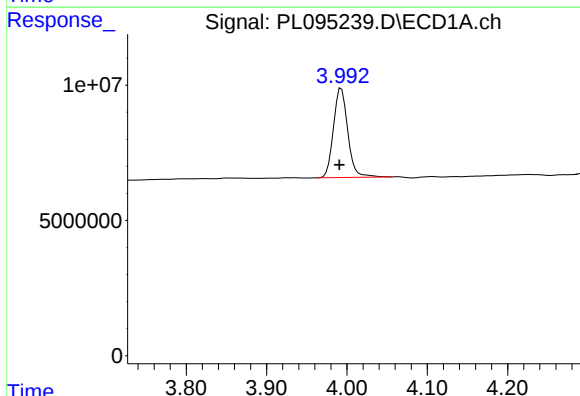
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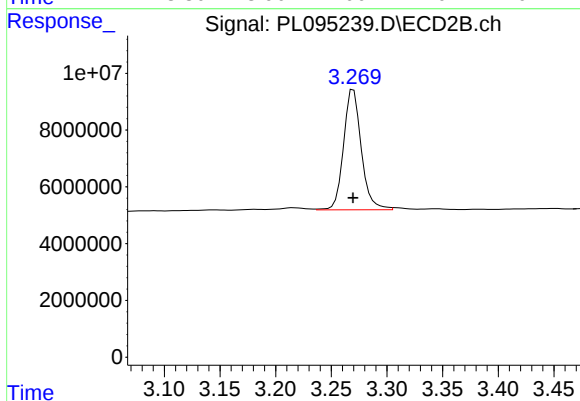
#1 Tetrachloro-m-xylene

R.T.: 2.768 min  
Delta R.T.: 0.000 min  
Response: 13022316  
Conc: 3.50 ng/ml



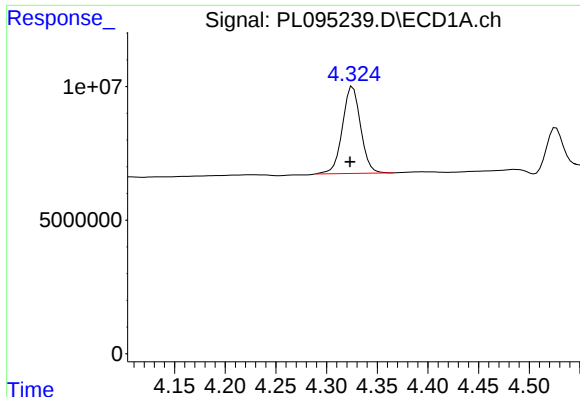
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: 0.002 min  
Response: 40962591  
Conc: 10.19 ng/ml



#2 alpha-BHC

R.T.: 3.269 min  
Delta R.T.: 0.000 min  
Response: 46953272  
Conc: 8.48 ng/ml m



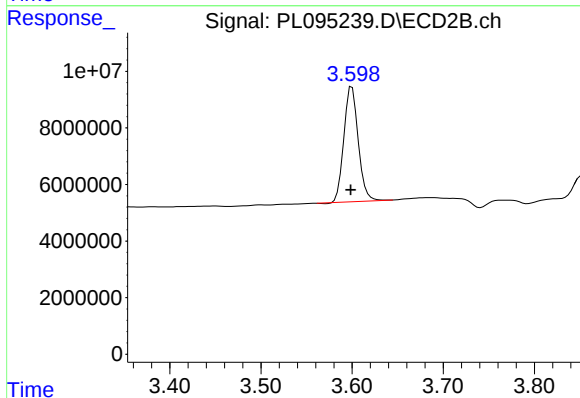
#3 gamma-BHC (Lindane)

R.T.: 4.326 min  
Delta R.T.: 0.003 min  
Response: 40428906  
Conc: 10.51 ng/ml

Instrument :  
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ClientSampleId :  
TP-1MS

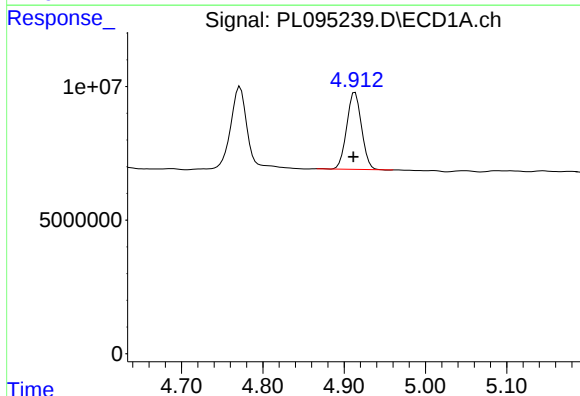
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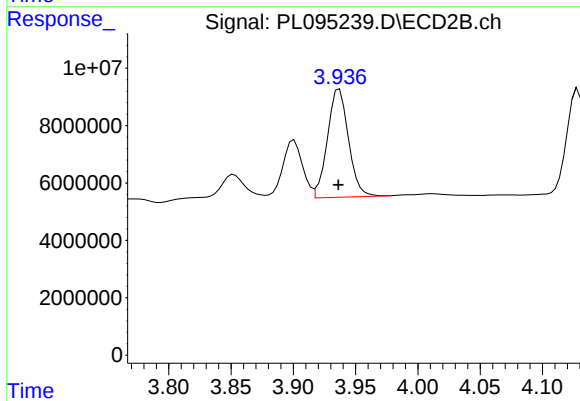
#3 gamma-BHC (Lindane)

R.T.: 3.600 min  
Delta R.T.: 0.001 min  
Response: 44570641  
Conc: 8.47 ng/ml



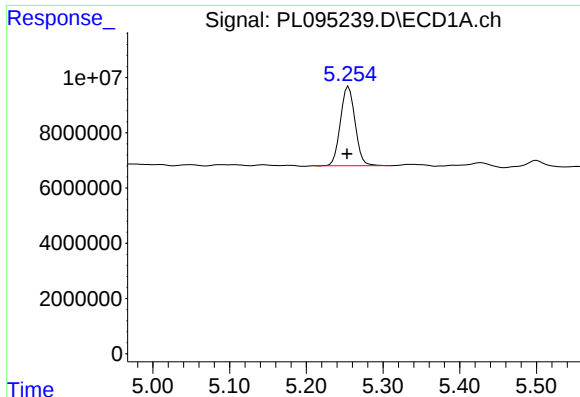
#4 Heptachlor

R.T.: 4.913 min  
Delta R.T.: 0.002 min  
Response: 36312411  
Conc: 9.90 ng/ml



#4 Heptachlor

R.T.: 3.937 min  
Delta R.T.: 0.000 min  
Response: 44330276  
Conc: 8.53 ng/ml



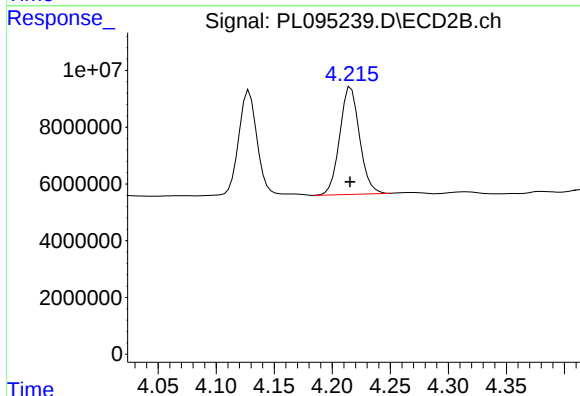
#5 Aldrin

R.T.: 5.255 min  
Delta R.T.: 0.002 min  
Response: 38187465  
Conc: 10.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

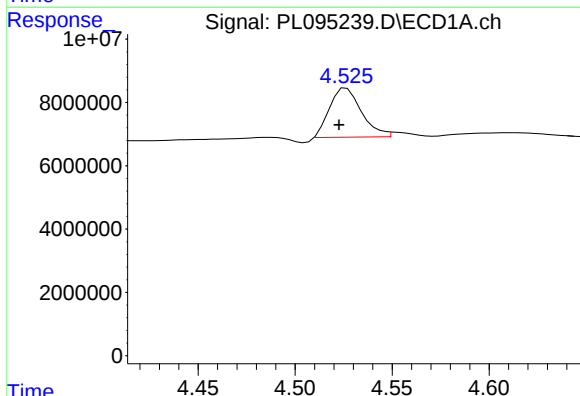
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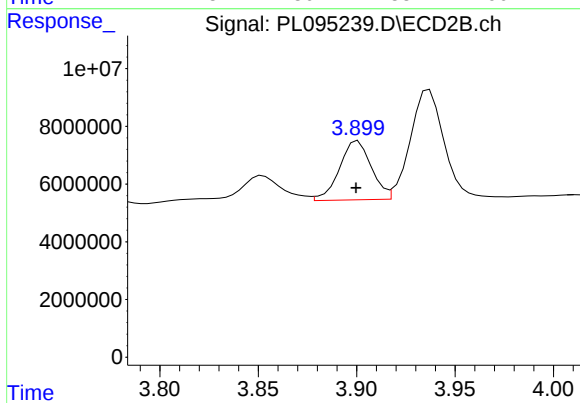
#5 Aldrin

R.T.: 4.216 min  
Delta R.T.: 0.000 min  
Response: 45034781  
Conc: 9.24 ng/ml



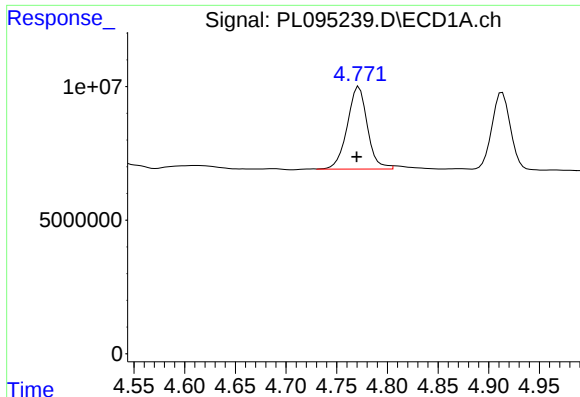
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.002 min  
Response: 17700944  
Conc: 10.10 ng/ml m



#6 beta-BHC

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 22951926  
Conc: 9.91 ng/ml



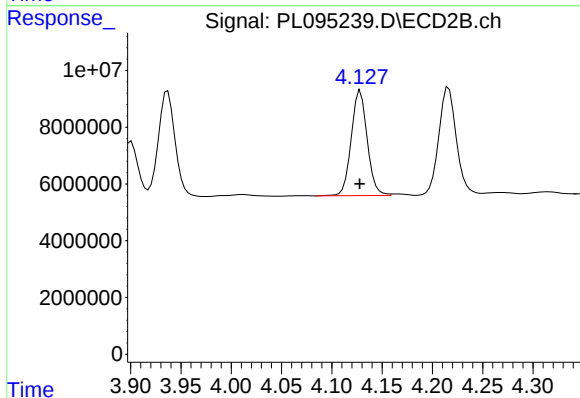
#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 42600972  
Conc: 10.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

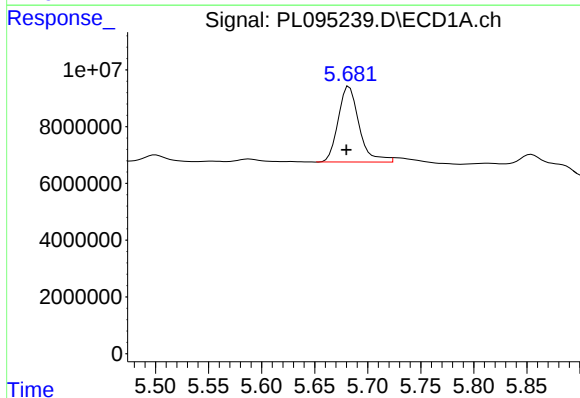
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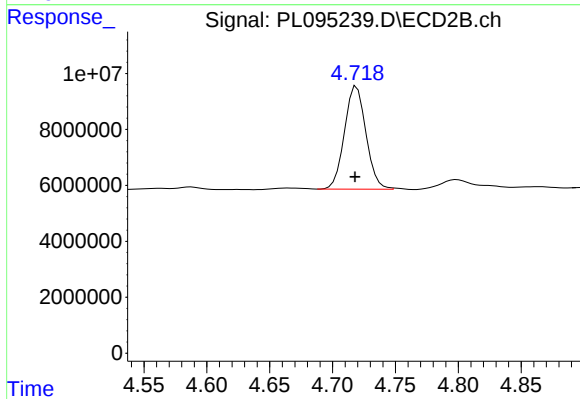
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: 0.000 min  
Response: 41026056  
Conc: 7.94 ng/ml m



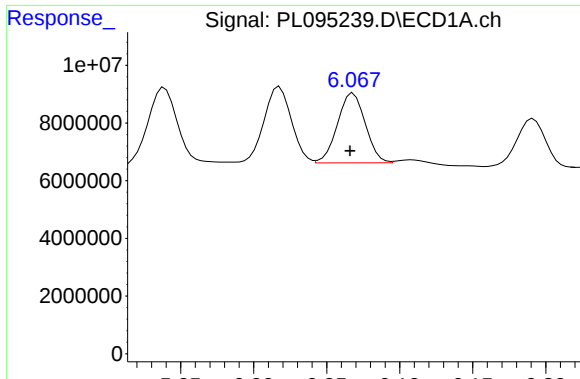
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: 0.001 min  
Response: 36378385  
Conc: 11.33 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.718 min  
Delta R.T.: 0.000 min  
Response: 43935291  
Conc: 9.62 ng/ml m



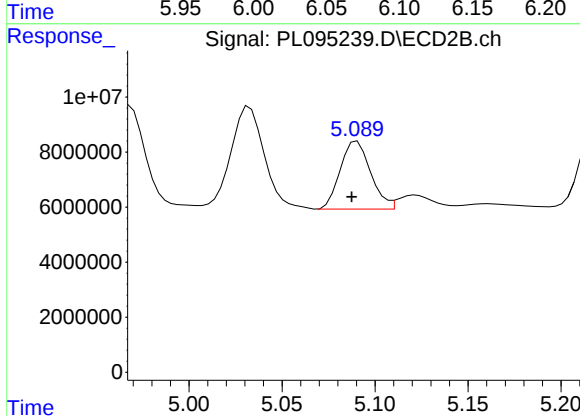
#9 Endosulfan I

R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 32019788  
Conc: 10.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

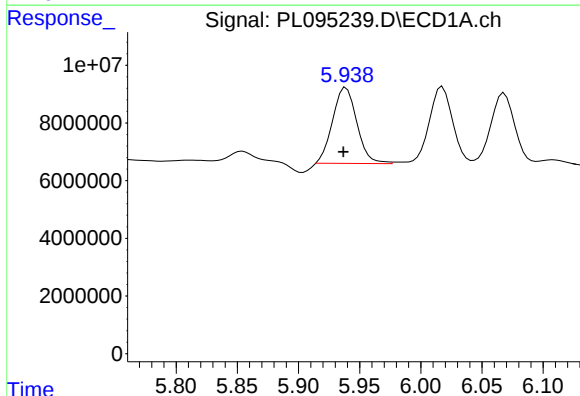
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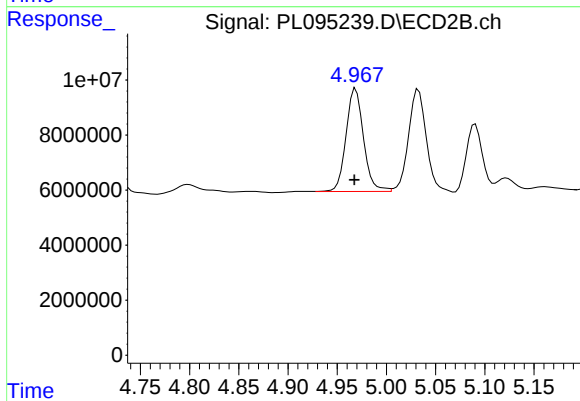
#9 Endosulfan I

R.T.: 5.090 min  
Delta R.T.: 0.003 min  
Response: 28121543  
Conc: 6.48 ng/ml



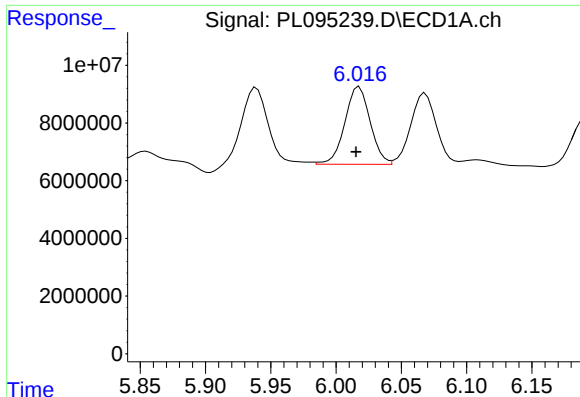
#10 gamma-Chlordane

R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 36128090  
Conc: 10.82 ng/ml m



#10 gamma-Chlordane

R.T.: 4.967 min  
Delta R.T.: 0.000 min  
Response: 46398886  
Conc: 9.63 ng/ml m



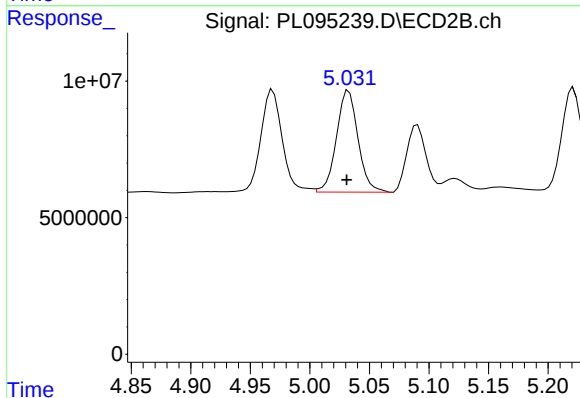
#11 alpha-Chlordane

R.T.: 6.016 min  
Delta R.T.: 0.001 min  
Response: 36299812  
Conc: 10.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

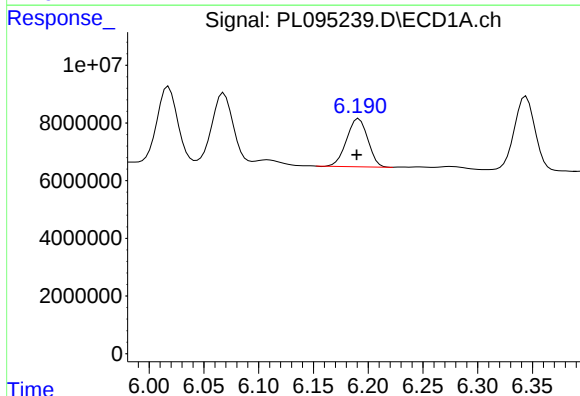
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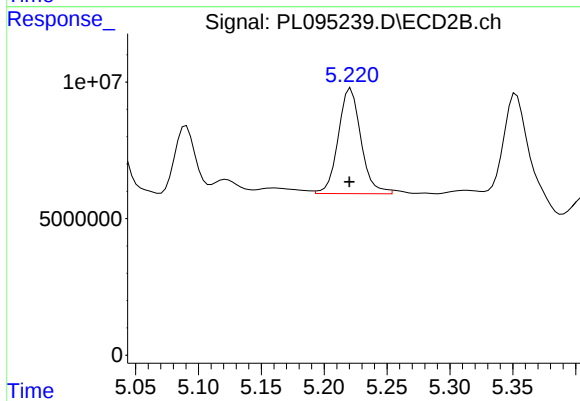
#11 alpha-Chlordane

R.T.: 5.033 min  
Delta R.T.: 0.002 min  
Response: 46898385  
Conc: 9.89 ng/ml



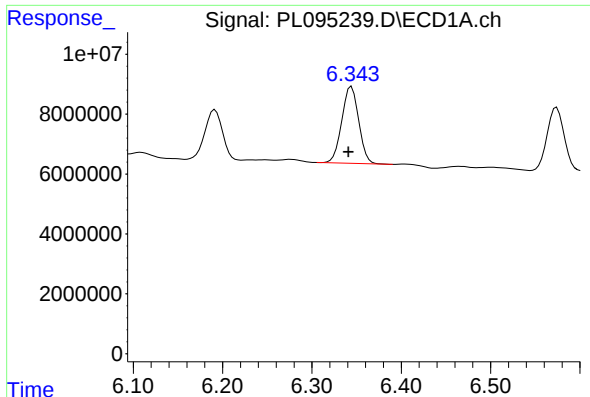
#12 4,4'-DDE

R.T.: 6.192 min  
Delta R.T.: 0.002 min  
Response: 22458114  
Conc: 6.87 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min  
Delta R.T.: 0.000 min  
Response: 48601554  
Conc: 10.09 ng/ml m



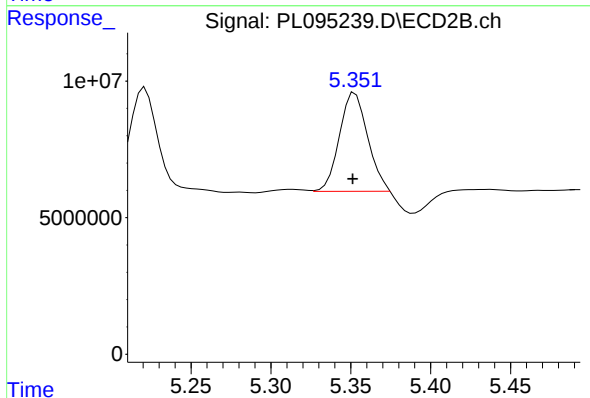
#13 Dieldrin

R.T.: 6.344 min  
Delta R.T.: 0.003 min  
Response: 33651371  
Conc: 10.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

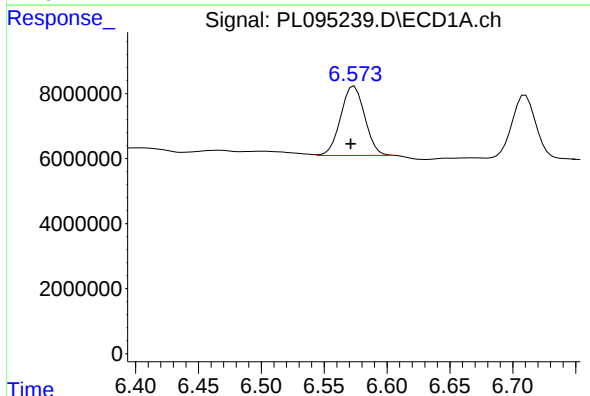
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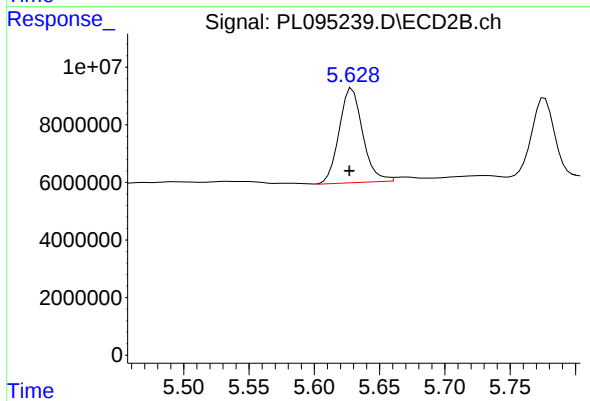
#13 Dieldrin

R.T.: 5.351 min  
Delta R.T.: 0.000 min  
Response: 44382188  
Conc: 9.25 ng/ml m



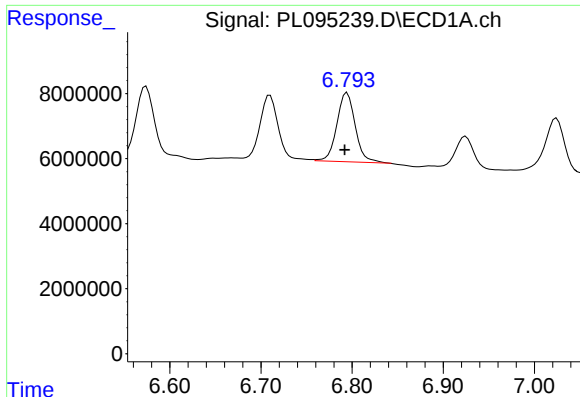
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: 0.002 min  
Response: 28429954  
Conc: 10.91 ng/ml m



#14 Endrin

R.T.: 5.628 min  
Delta R.T.: 0.000 min  
Response: 41517009  
Conc: 9.94 ng/ml m



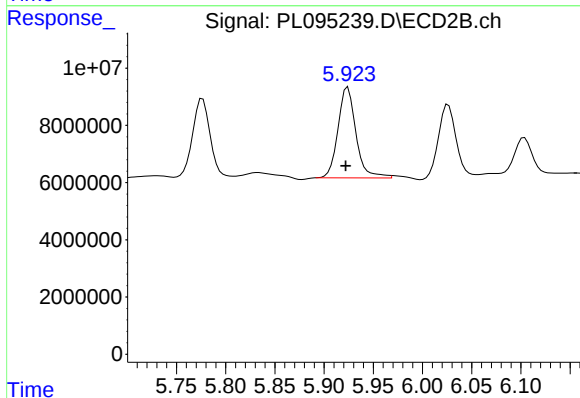
#15 Endosulfan II

R.T.: 6.795 min  
Delta R.T.: 0.003 min  
Response: 29673119  
Conc: 10.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

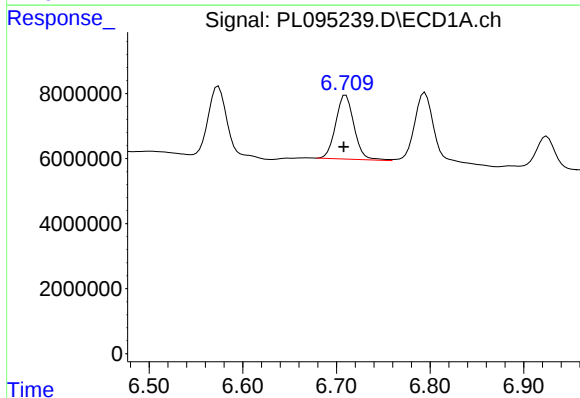
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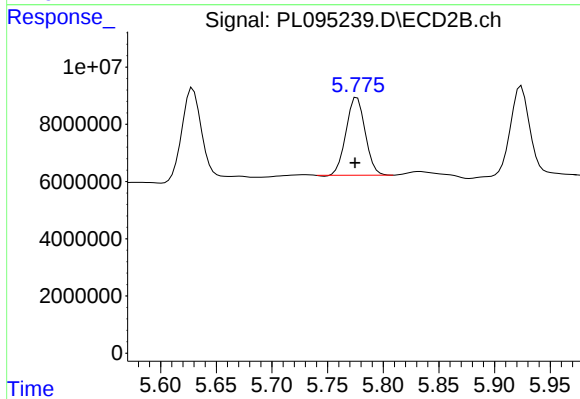
#15 Endosulfan II

R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 40425785  
Conc: 9.21 ng/ml m



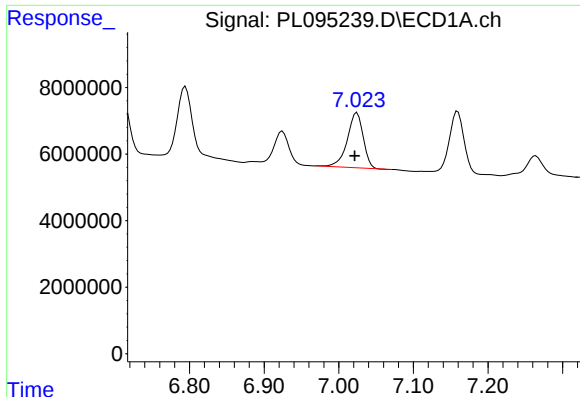
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.002 min  
Response: 26807215  
Conc: 10.56 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min  
Delta R.T.: 0.002 min  
Response: 32517355  
Conc: 8.36 ng/ml



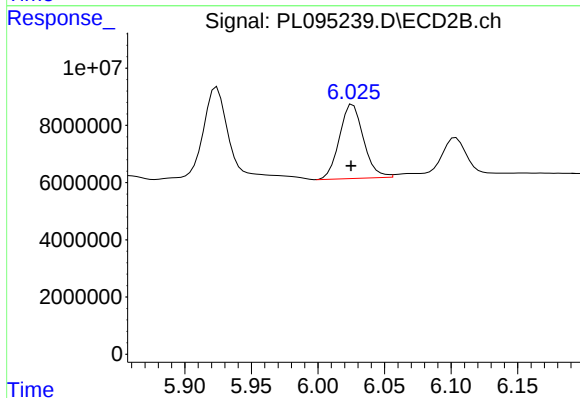
#17 4,4'-DDT

R.T.: 7.024 min  
Delta R.T.: 0.003 min  
Response: 24421764  
Conc: 9.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

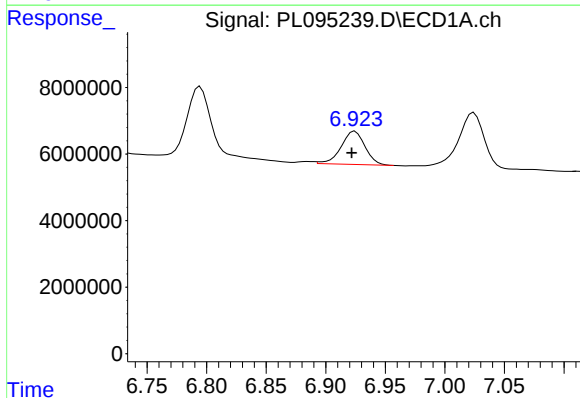
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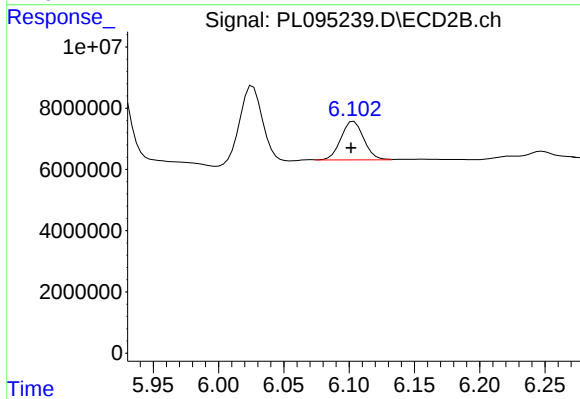
#17 4,4'-DDT

R.T.: 6.026 min  
Delta R.T.: 0.001 min  
Response: 32497041  
Conc: 7.80 ng/ml



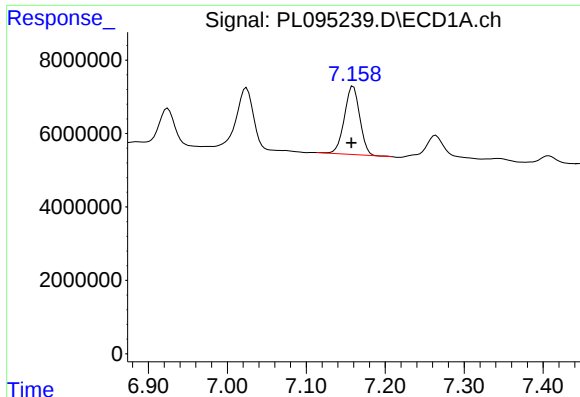
#18 Endrin aldehyde

R.T.: 6.923 min  
Delta R.T.: 0.002 min  
Response: 13952132  
Conc: 6.34 ng/ml m



#18 Endrin aldehyde

R.T.: 6.102 min  
Delta R.T.: 0.000 min  
Response: 15283078  
Conc: 4.54 ng/ml m



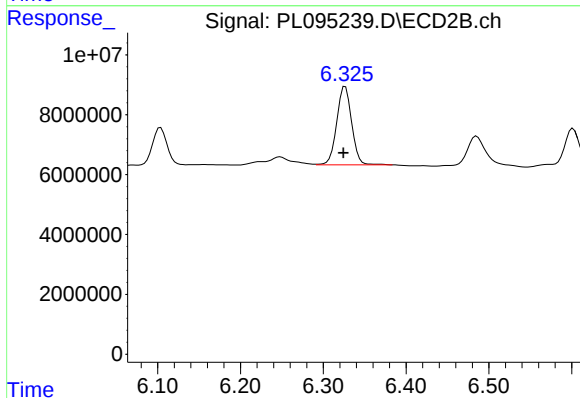
#19 Endosulfan Sulfate

R.T.: 7.159 min  
Delta R.T.: 0.002 min  
Response: 25165868  
Conc: 9.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

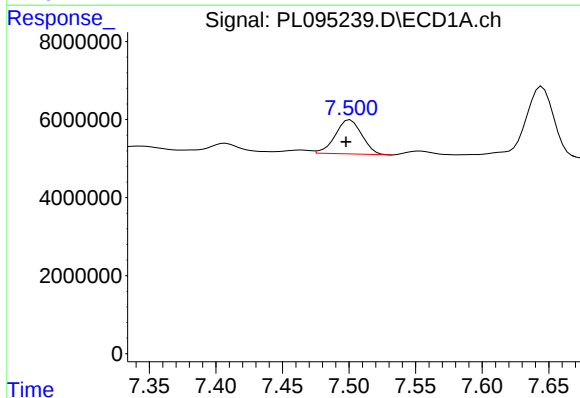
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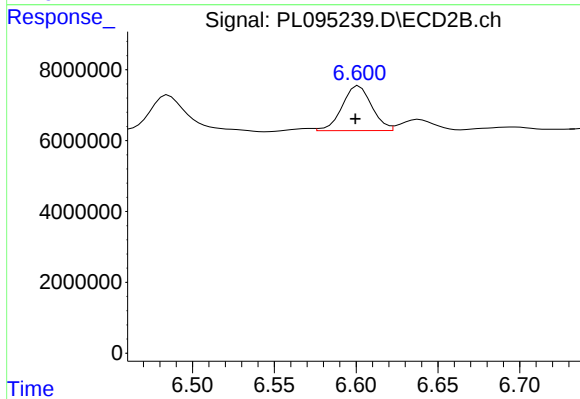
#19 Endosulfan Sulfate

R.T.: 6.327 min  
Delta R.T.: 0.002 min  
Response: 32899766  
Conc: 7.88 ng/ml



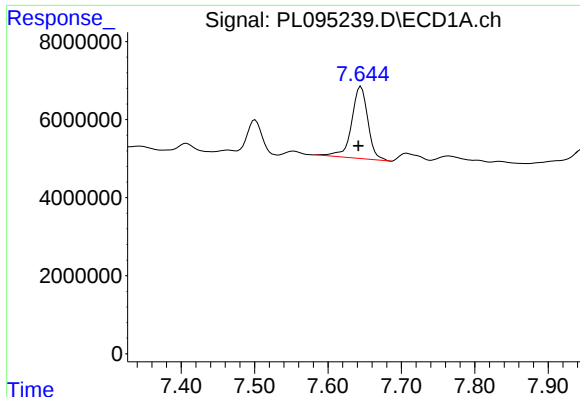
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.003 min  
Response: 12166384  
Conc: 9.08 ng/ml



#20 Methoxychlor

R.T.: 6.600 min  
Delta R.T.: 0.000 min  
Response: 15833483  
Conc: 7.05 ng/ml m



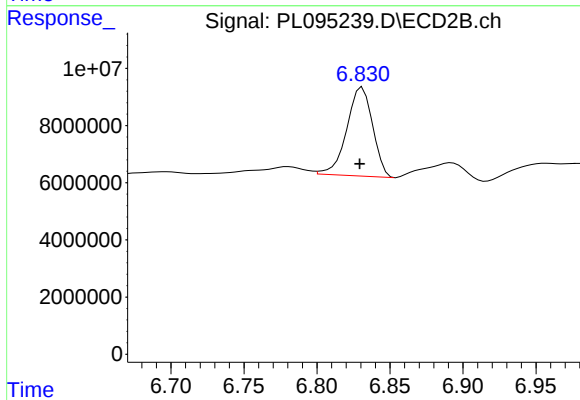
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: 0.003 min  
Response: 28450373  
Conc: 9.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

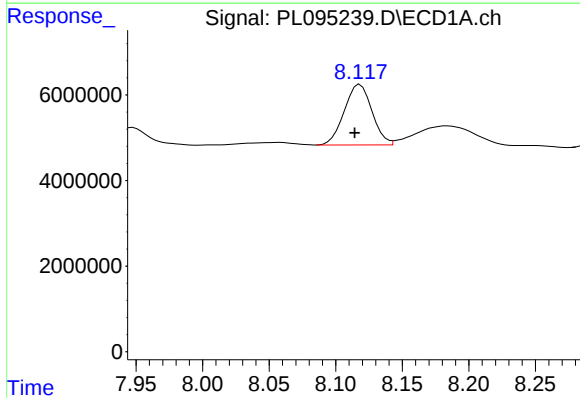
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/16/2025  
Supervised By :mohammad ahmed 04/16/2025



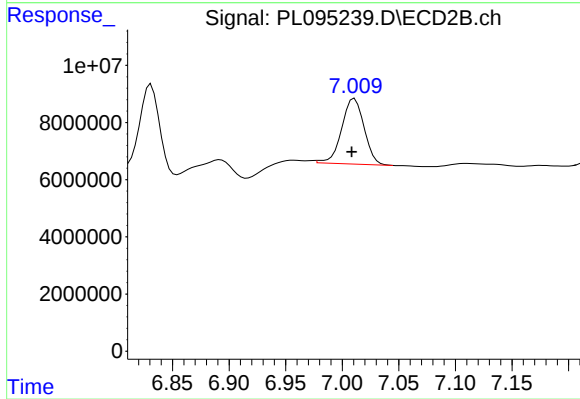
#21 Endrin ketone

R.T.: 6.830 min  
Delta R.T.: 0.000 min  
Response: 38195230  
Conc: 7.58 ng/ml m



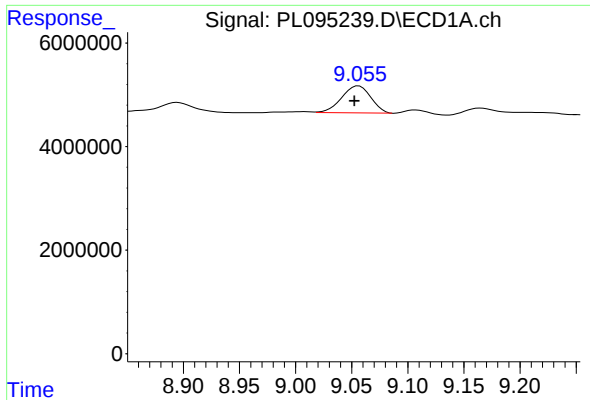
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.003 min  
Response: 20459436  
Conc: 9.62 ng/ml m



#22 Mirex

R.T.: 7.009 min  
Delta R.T.: 0.001 min  
Response: 31638819  
Conc: 8.05 ng/ml m



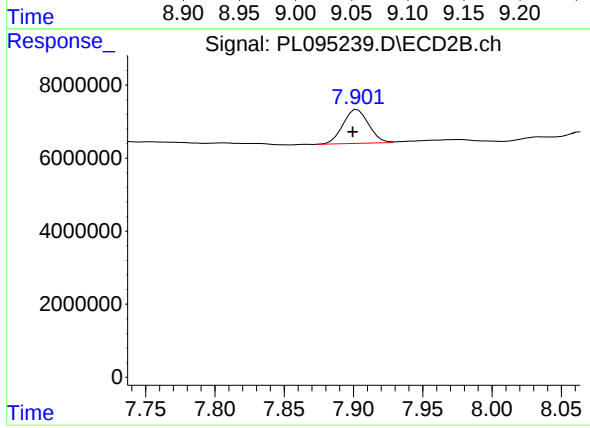
#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: 0.003 min  
Response: 9377806  
Conc: 3.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/16/2025  
Supervised By :mohammad ahmed 04/16/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min  
Delta R.T.: 0.002 min  
Response: 12021135  
Conc: 2.73 ng/ml m