

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051525\  
 Data File : PL095691.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2025 15:47  
 Operator : AR\AJ  
 Sample : Q2038-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 72-11991

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/16/2025  
 Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 04:03:40 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051325.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 13 14:38:57 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...          | 3.591 | 2.903 | 40806554 | 81039222 | 9.987m  | 17.301m# |
| 2) SA Decachlor...          | 9.113 | 8.082 | 84163687 | 85384676 | 24.809m | 20.701   |
| Target Compounds            |       |       |          |          |         |          |
| 3) MA gamma-BHC...          | 4.380 | 3.751 | 25979847 | 136.6E6  | 4.668m  | 20.235m# |
| 8) B Heptachlo...           | 5.732 | 4.888 | 49570478 | 50342350 | 9.566m  | 8.711m   |
| 10) B gamma-Chl...          | 5.988 | 5.143 | 238.3E6  | 216.3E6  | 44.503m | 36.309   |
| 11) B alpha-Chl...          | 6.072 | 5.207 | 422.6E6  | 287.2E6  | 81.308m | 48.656 # |
| 13) MA Dieldrin             | 6.393 | 5.525 | 17694065 | 65374622 | 3.590   | 10.625m# |
| 14) MA Endrin               | 6.632 | 5.796 | 21024539 | 30868187 | 5.489m  | 5.794m   |
| 18) B Endrin al...          | 6.962 | 6.272 | 2429640  | 3850132  | 0.828m  | 1.006m   |
| 19) B Endosulfa...          | 7.189 | 6.505 | 8937847  | 16739683 | 2.435m  | 3.367m#  |
| -----                       |       |       |          |          |         |          |

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

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Acq On : 15 May 2025 15:47  
Operator : AR\AJ  
Sample : Q2038-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

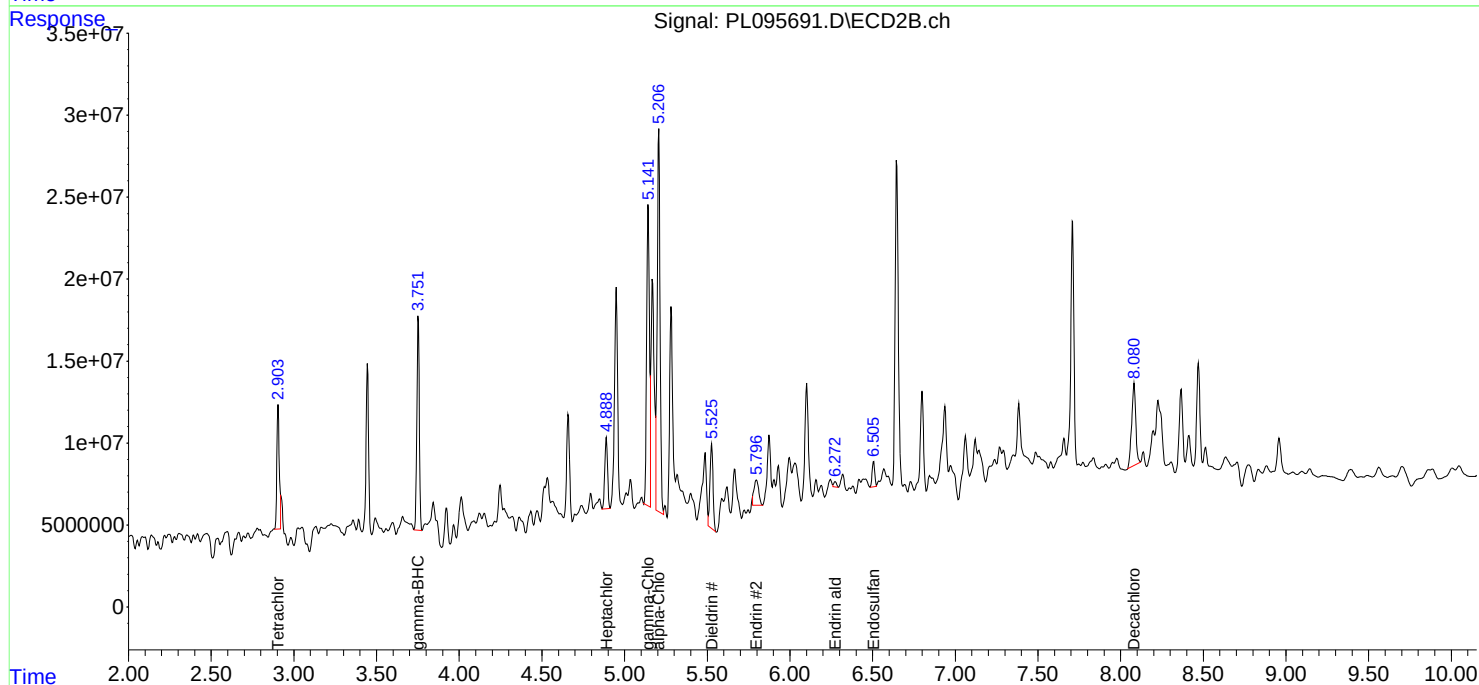
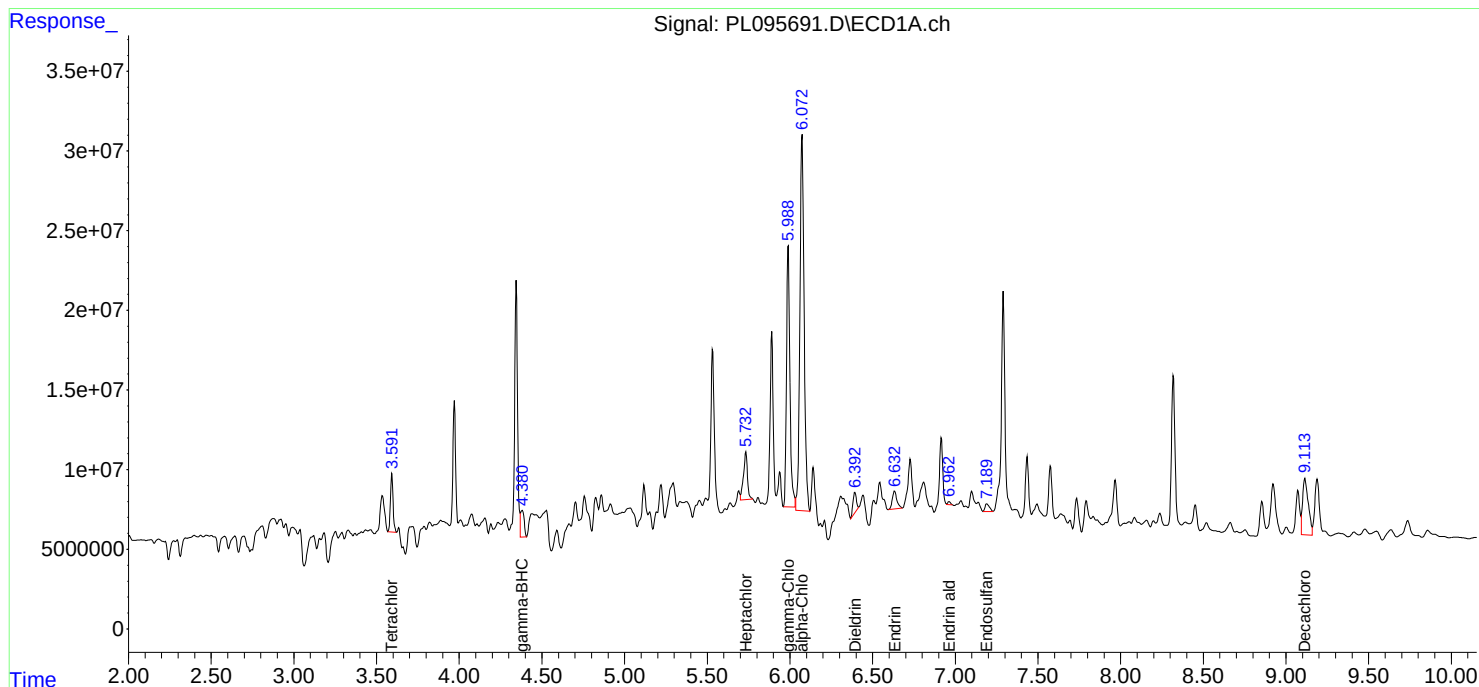
Instrument :  
ECD\_L  
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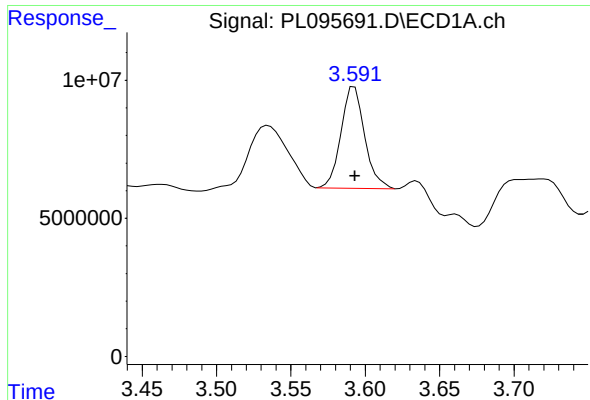
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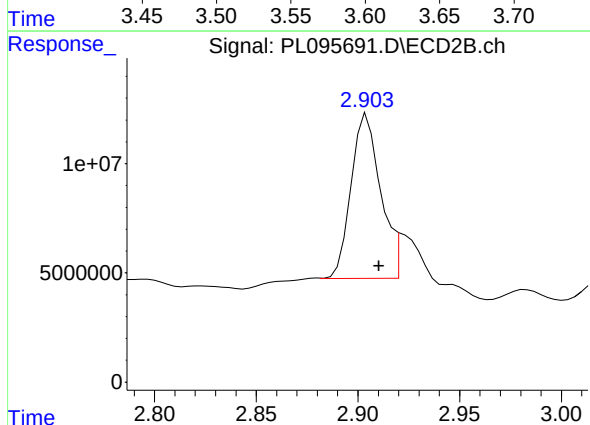
#1 Tetrachloro-m-xylene

R.T.: 3.591 min  
Delta R.T.: -0.002 min  
Response: 40806554  
Conc: 9.99 ng/ml

Instrument :  
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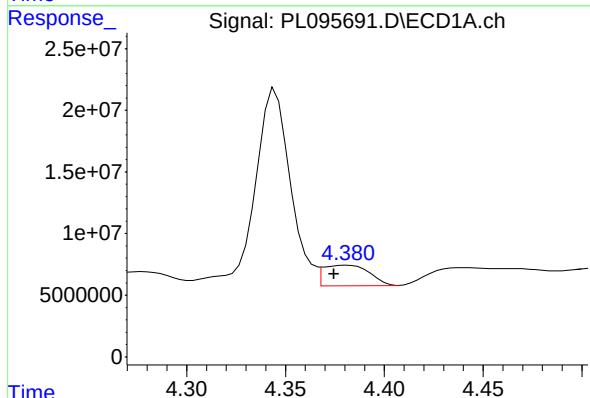
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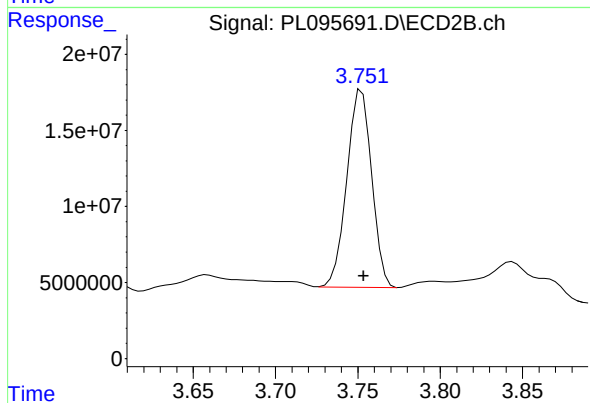
#1 Tetrachloro-m-xylene

R.T.: 2.903 min  
Delta R.T.: -0.007 min  
Response: 81039222  
Conc: 17.30 ng/ml



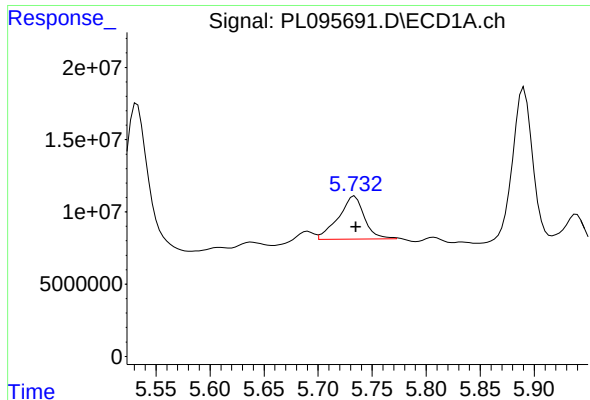
#3 gamma-BHC (Lindane)

R.T.: 4.380 min  
Delta R.T.: 0.006 min  
Response: 25979847  
Conc: 4.67 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.751 min  
Delta R.T.: -0.002 min  
Response: 136636741  
Conc: 20.23 ng/ml



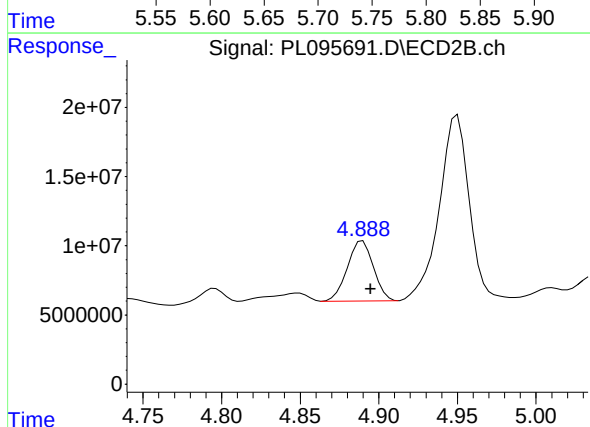
#8 Heptachlor epoxide

R.T.: 5.732 min  
Delta R.T.: -0.003 min  
Response: 49570478  
Conc: 9.57 ng/ml

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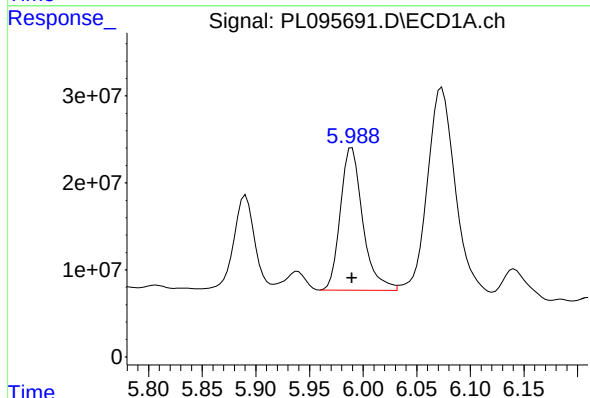
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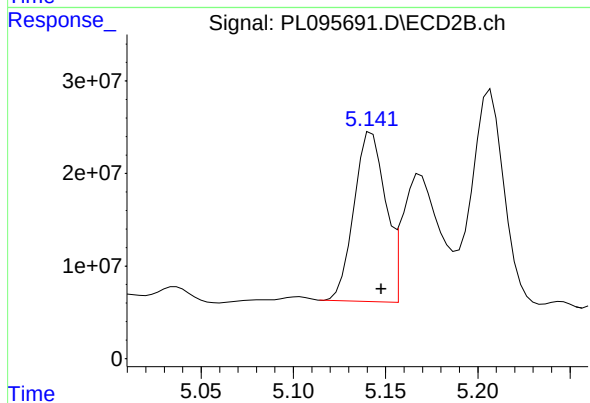
#8 Heptachlor epoxide

R.T.: 4.888 min  
Delta R.T.: -0.006 min  
Response: 50342350  
Conc: 8.71 ng/ml m



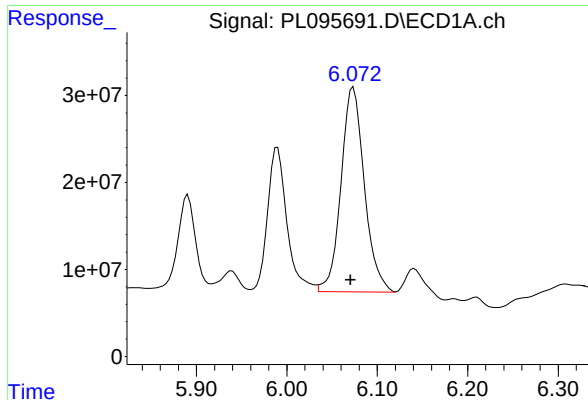
#10 gamma-Chlordane

R.T.: 5.988 min  
Delta R.T.: -0.002 min  
Response: 238323478  
Conc: 44.50 ng/ml m



#10 gamma-Chlordane

R.T.: 5.143 min  
Delta R.T.: -0.005 min  
Response: 216270120  
Conc: 36.31 ng/ml



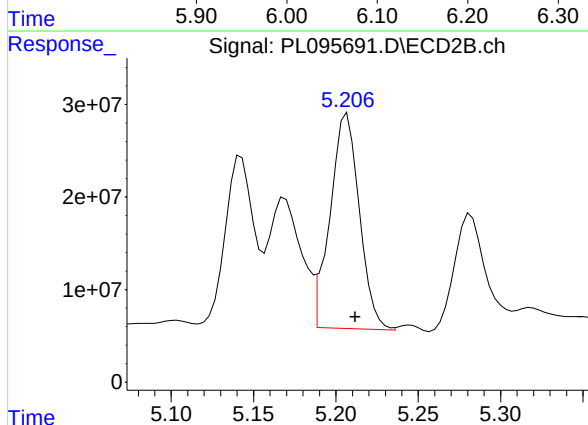
#11 alpha-Chlordane

R.T.: 6.072 min  
Delta R.T.: 0.001 min  
Response: 422621395  
Conc: 81.31 ng/ml

Instrument :  
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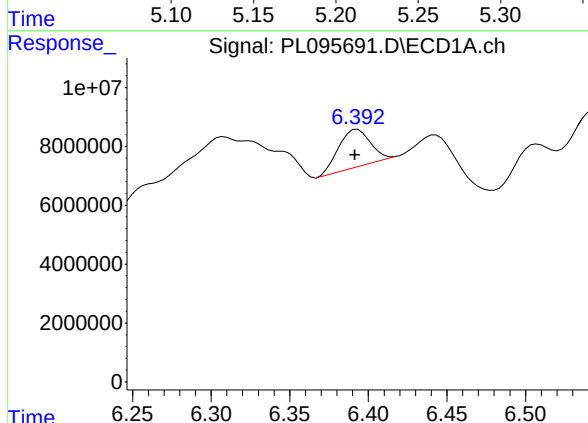
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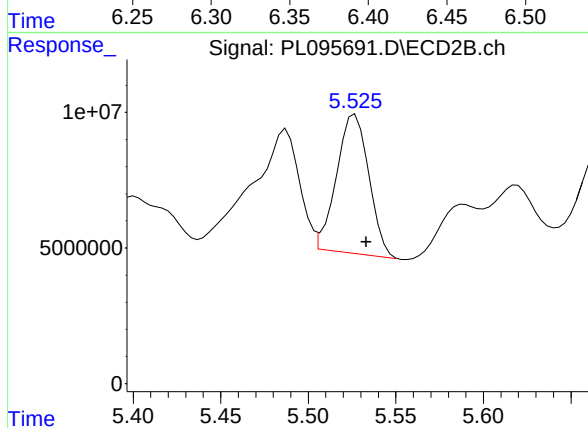
#11 alpha-Chlordane

R.T.: 5.207 min  
Delta R.T.: -0.005 min  
Response: 287178045  
Conc: 48.66 ng/ml



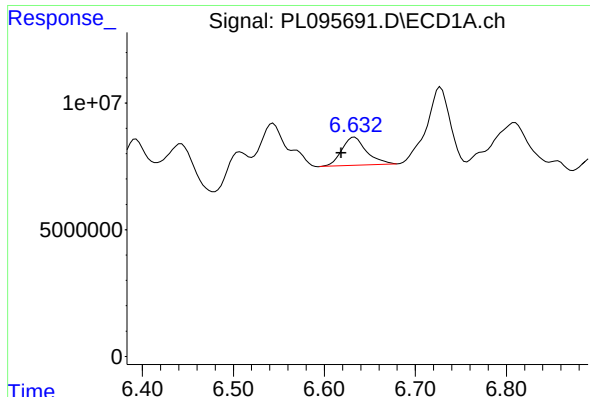
#13 Dieldrin

R.T.: 6.393 min  
Delta R.T.: 0.002 min  
Response: 17694065  
Conc: 3.59 ng/ml



#13 Dieldrin

R.T.: 5.525 min  
Delta R.T.: -0.008 min  
Response: 65374622  
Conc: 10.63 ng/ml m



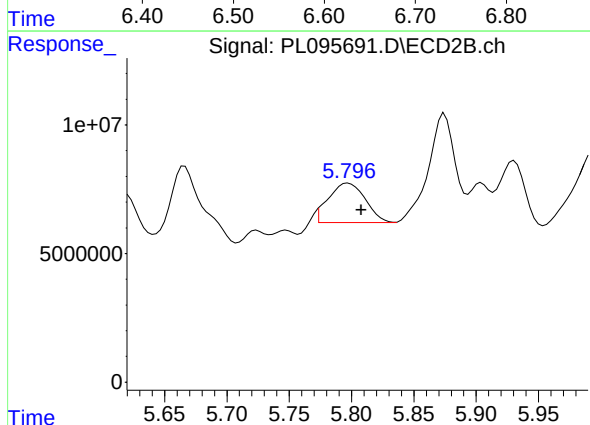
#14 Endrin

R.T.: 6.632 min  
Delta R.T.: 0.013 min  
Response: 21024539  
Conc: 5.49 ng/ml

Instrument :  
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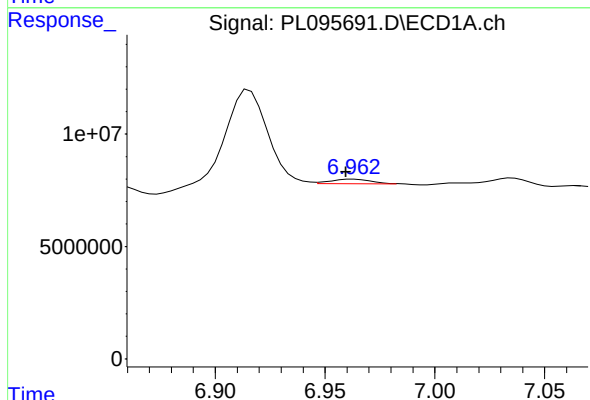
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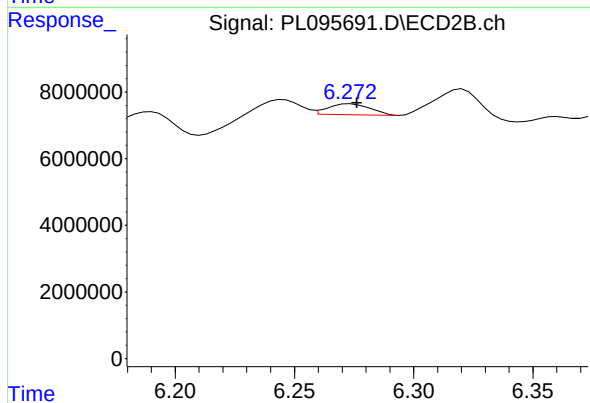
#14 Endrin

R.T.: 5.796 min  
Delta R.T.: -0.012 min  
Response: 30868187  
Conc: 5.79 ng/ml



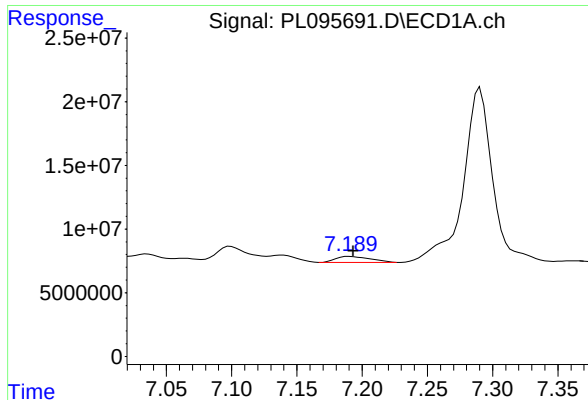
#18 Endrin aldehyde

R.T.: 6.962 min  
Delta R.T.: 0.002 min  
Response: 2429640  
Conc: 0.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.272 min  
Delta R.T.: -0.004 min  
Response: 3850132  
Conc: 1.01 ng/ml



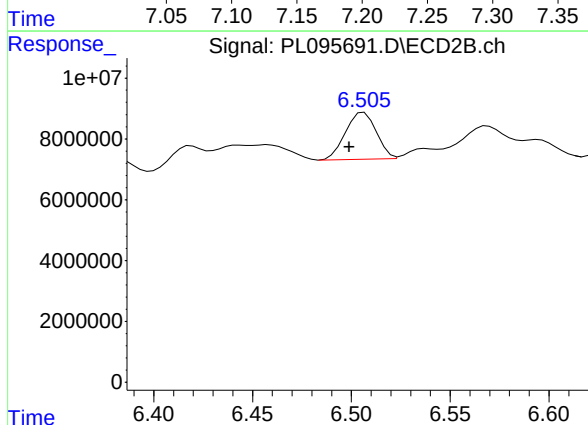
#19 Endosulfan Sulfate

R.T.: 7.189 min  
Delta R.T.: -0.004 min  
Response: 8937847  
Conc: 2.44 ng/ml

Instrument :  
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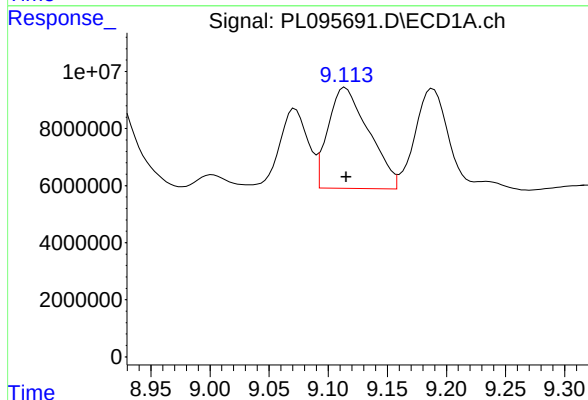
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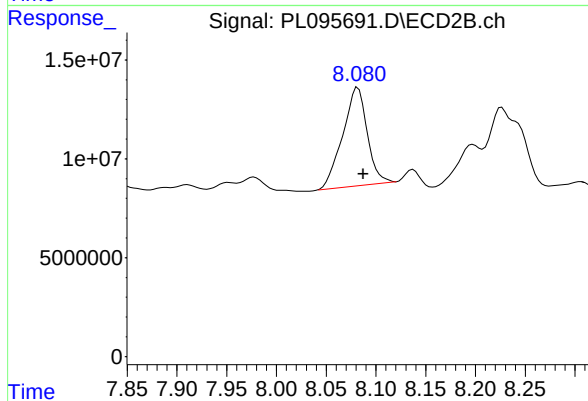
#19 Endosulfan Sulfate

R.T.: 6.505 min  
Delta R.T.: 0.006 min  
Response: 16739683  
Conc: 3.37 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: -0.002 min  
Response: 84163687  
Conc: 24.81 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.082 min  
Delta R.T.: -0.005 min  
Response: 85384676  
Conc: 20.70 ng/ml