

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010821\  
 Data File : PL064026.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jan 2021 22:28  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 09 01:20:48 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 22 14:02:42 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... | 3.435 | 4.112 | 163.0E6  | 123.5E6  | 54.386  | 48.374 |
| 28)                         | SA Decachlor... | 8.169 | 9.276 | 142.3E6  | 88610916 | 51.653m | 44.943 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.869 | 4.514 | 282.8E6  | 183.3E6  | 56.655  | 50.879 |
| 3)                          | MA gamma-BHC... | 4.150 | 4.806 | 260.8E6  | 171.1E6  | 57.058  | 50.169 |
| 4)                          | MA Heptachlor   | 4.450 | 5.318 | 239.7E6  | 155.4E6  | 56.926  | 48.675 |
| 5)                          | MB Aldrin       | 4.695 | 5.629 | 225.9E6  | 139.0E6  | 56.545  | 48.575 |
| 6)                          | B beta-BHC      | 4.399 | 4.981 | 104.6E6  | 77969229 | 54.101  | 44.419 |
| 7)                          | B delta-BHC     | 4.601 | 5.203 | 258.0E6  | 162.5E6  | 56.931  | 49.437 |
| 8)                          | B Heptachlo...  | 5.136 | 6.022 | 211.3E6  | 130.9E6  | 56.233  | 47.188 |
| 9)                          | A Endosulfan I  | 5.473 | 6.385 | 195.0E6  | 119.5E6  | 56.332  | 47.517 |
| 10)                         | B gamma-Chl...  | 5.363 | 6.258 | 214.5E6  | 130.7E6  | 56.429  | 47.233 |
| 11)                         | B alpha-Chl...  | 5.421 | 6.331 | 211.1E6  | 130.7E6  | 56.261  | 47.358 |
| 12)                         | B 4,4'-DDE      | 5.588 | 6.487 | 196.7E6  | 117.9E6  | 57.217  | 47.730 |
| 13)                         | MA Dieldrin     | 5.715 | 6.646 | 206.3E6  | 123.1E6  | 56.913  | 47.272 |
| 14)                         | MA Endrin       | 5.970 | 6.868 | 161.4E6  | 83567576 | 55.365  | 43.062 |
| 15)                         | B Endosulfa...  | 6.242 | 7.081 | 182.9E6  | 108.8E6  | 55.498  | 46.159 |
| 16)                         | A 4,4'-DDD      | 6.100 | 6.986 | 174.3E6  | 103.5E6  | 59.597  | 48.946 |
| 17)                         | MA 4,4'-DDT     | 6.341 | 7.286 | 143.8E6  | 84170254 | 54.281  | 43.265 |
| 18)                         | B Endrin al...  | 6.410 | 7.207 | 154.5E6  | 94203093 | 55.826  | 46.727 |
| 19)                         | B Endosulfa...  | 6.623 | 7.430 | 179.5E6  | 102.5E6  | 57.019  | 45.574 |
| 20)                         | A Methoxychlor  | 6.888 | 7.745 | 78086782 | 47889278 | 59.437  | 45.391 |
| 21)                         | B Endrin ke...  | 7.109 | 7.910 | 203.7E6  | 116.1E6  | 58.595  | 47.084 |
| 22)                         | Mirex           | 7.297 | 8.363 | 135.8E6  | 78302132 | 54.064  | 43.409 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010821\  
Data File : PL064026.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jan 2021 22:28  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

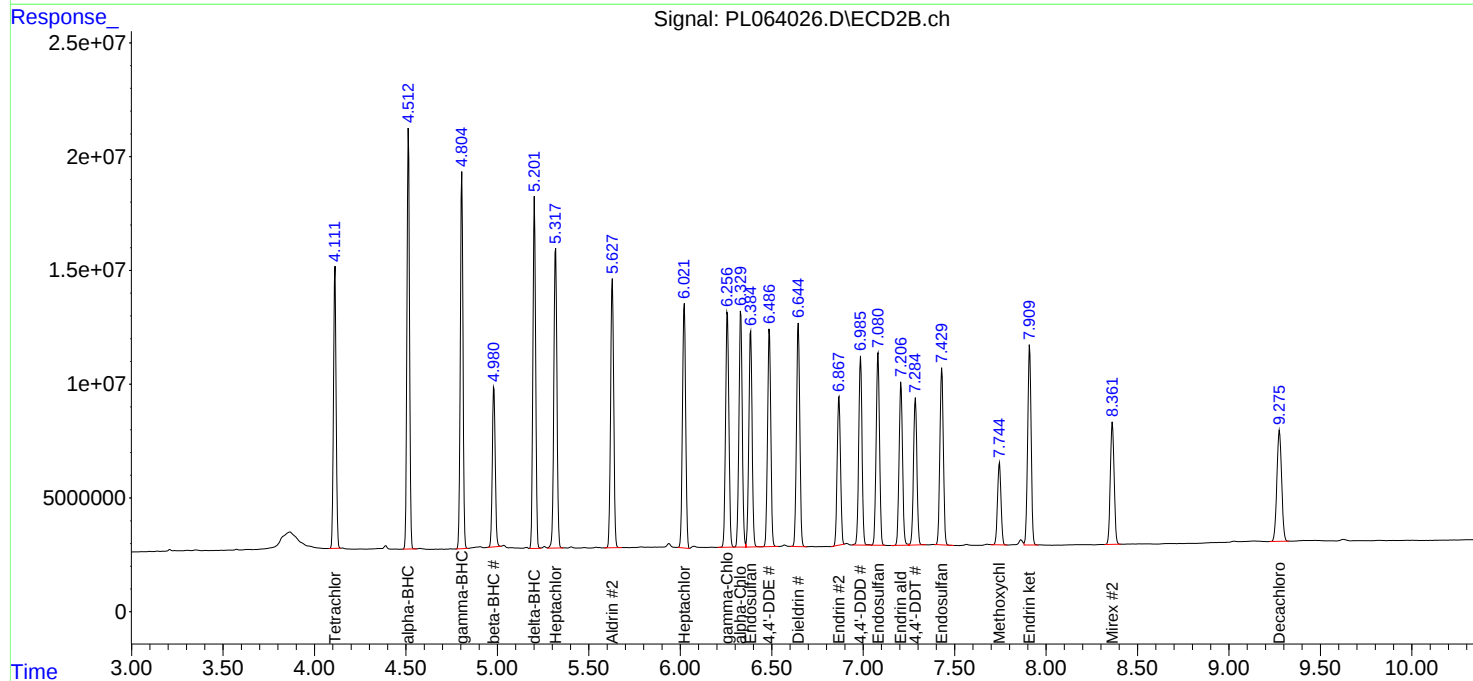
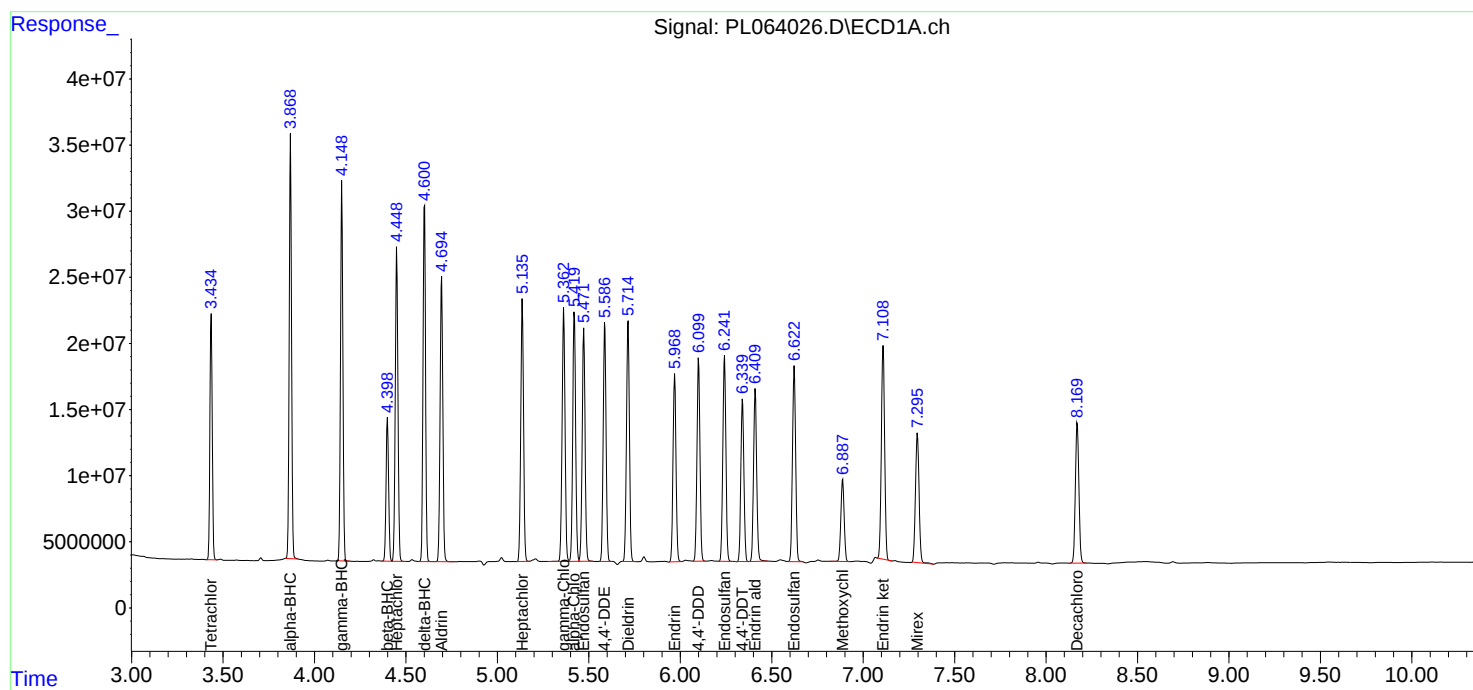
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

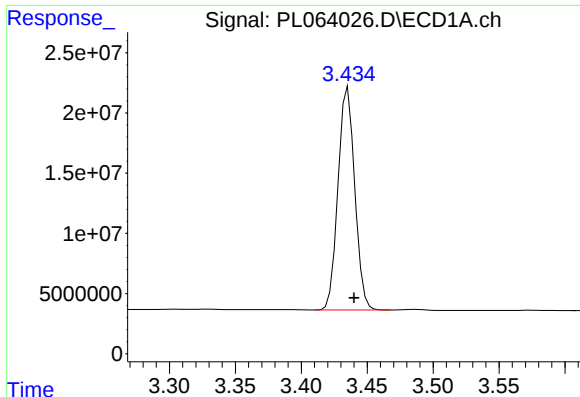
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 09 01:20:48 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122220.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 22 14:02:42 2020  
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





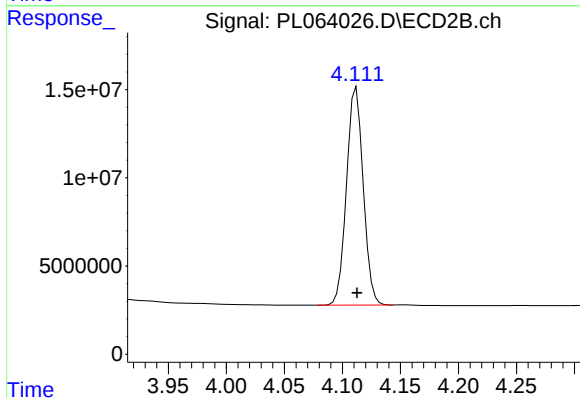
#1 Tetrachloro-m-xylene

R.T.: 3.435 min  
Delta R.T.: -0.005 min  
Response: 163047879  
Conc: 54.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

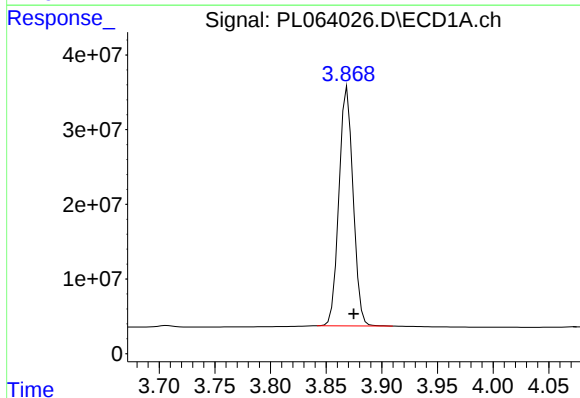
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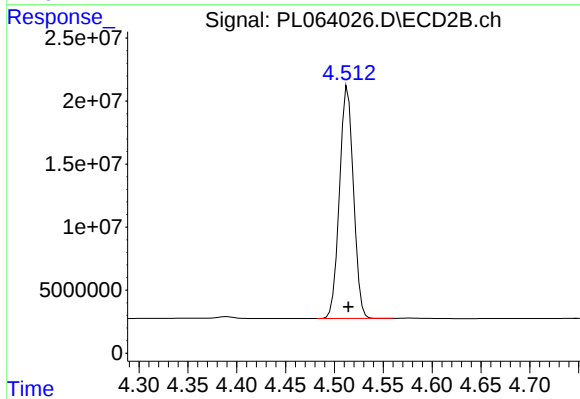
#1 Tetrachloro-m-xylene

R.T.: 4.112 min  
Delta R.T.: 0.000 min  
Response: 123500951  
Conc: 48.37 ng/ml



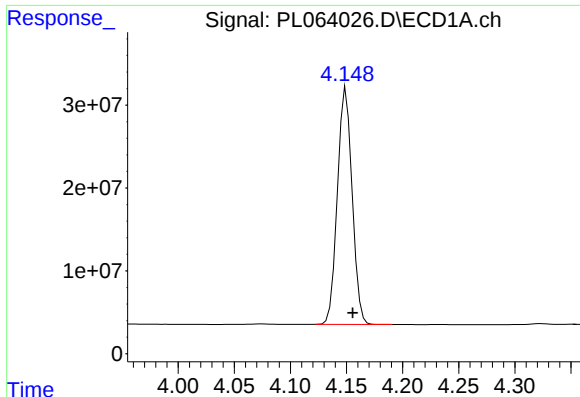
#2 alpha-BHC

R.T.: 3.869 min  
Delta R.T.: -0.006 min  
Response: 282826818  
Conc: 56.66 ng/ml



#2 alpha-BHC

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 183285923  
Conc: 50.88 ng/ml



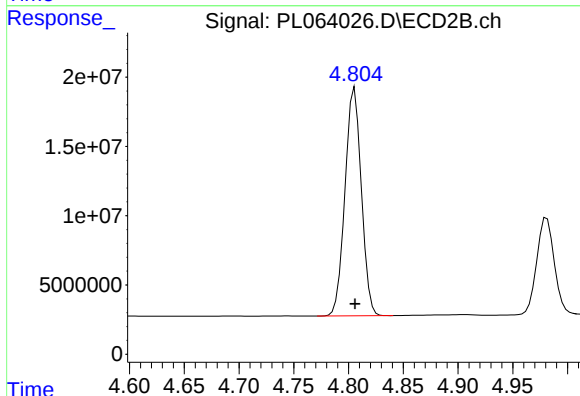
#3 gamma-BHC (Lindane)

R.T.: 4.150 min  
Delta R.T.: -0.006 min  
Response: 260814914  
Conc: 57.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

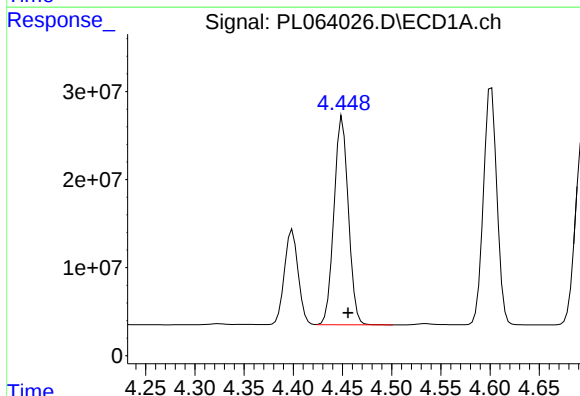
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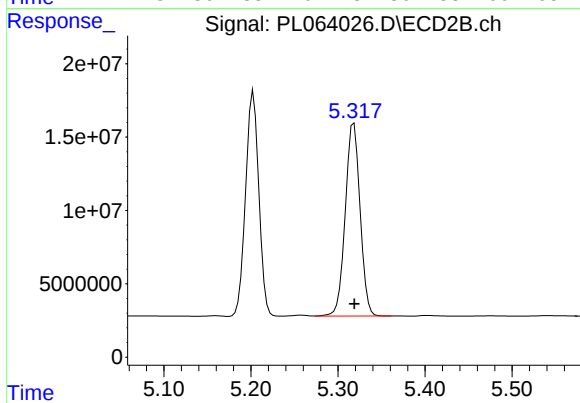
#3 gamma-BHC (Lindane)

R.T.: 4.806 min  
Delta R.T.: 0.000 min  
Response: 171137626  
Conc: 50.17 ng/ml



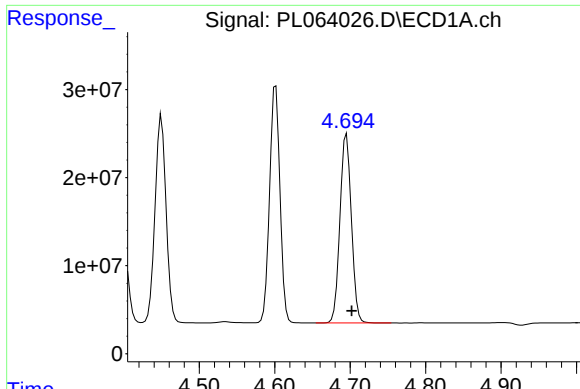
#4 Heptachlor

R.T.: 4.450 min  
Delta R.T.: -0.006 min  
Response: 239726558  
Conc: 56.93 ng/ml



#4 Heptachlor

R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 155418718  
Conc: 48.67 ng/ml



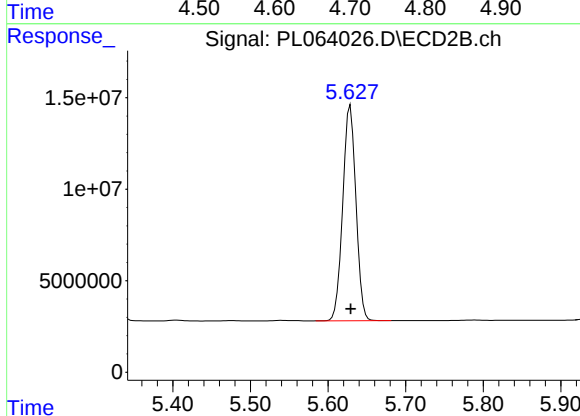
#5 Aldrin

R.T.: 4.695 min  
Delta R.T.: -0.007 min  
Response: 225850369  
Conc: 56.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

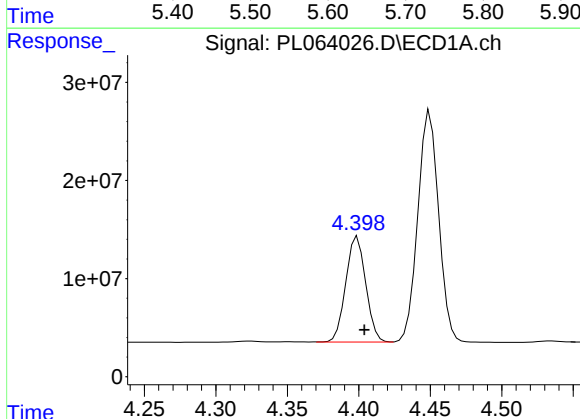
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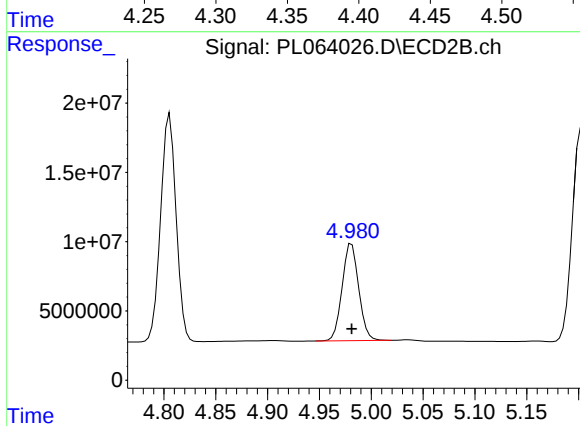
#5 Aldrin

R.T.: 5.629 min  
Delta R.T.: 0.000 min  
Response: 139038109  
Conc: 48.57 ng/ml



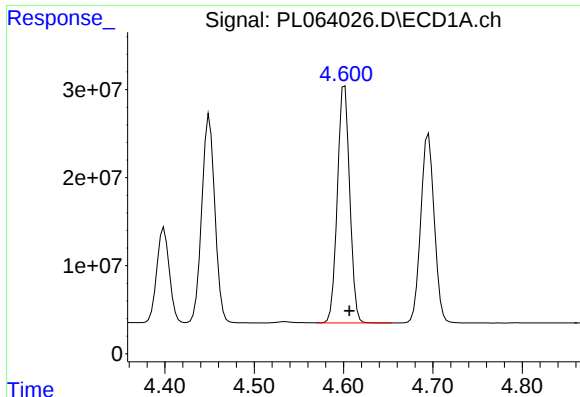
#6 beta-BHC

R.T.: 4.399 min  
Delta R.T.: -0.005 min  
Response: 104565152  
Conc: 54.10 ng/ml



#6 beta-BHC

R.T.: 4.981 min  
Delta R.T.: 0.000 min  
Response: 77969229  
Conc: 44.42 ng/ml



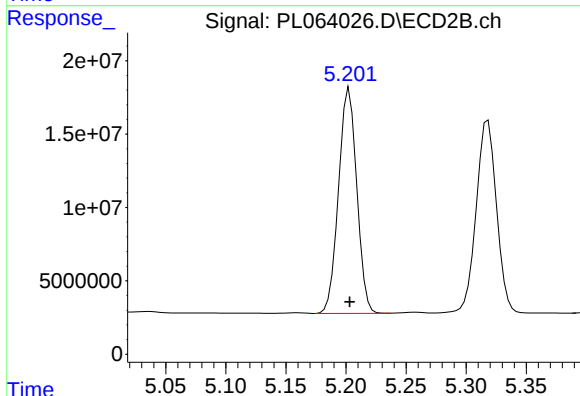
#7 delta-BHC

R.T.: 4.601 min  
Delta R.T.: -0.005 min  
Response: 258025157  
Conc: 56.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

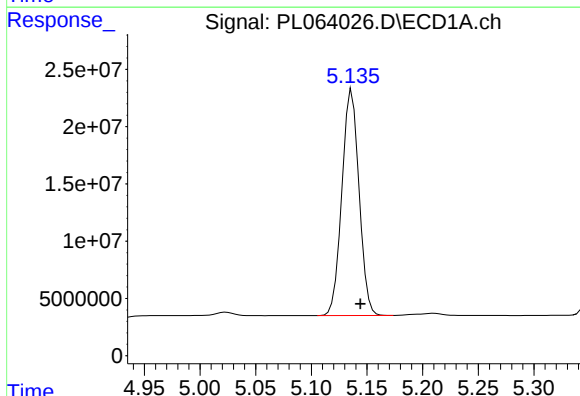
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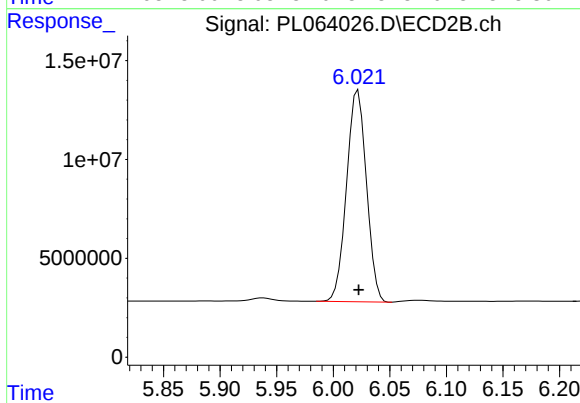
#7 delta-BHC

R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 162518932  
Conc: 49.44 ng/ml



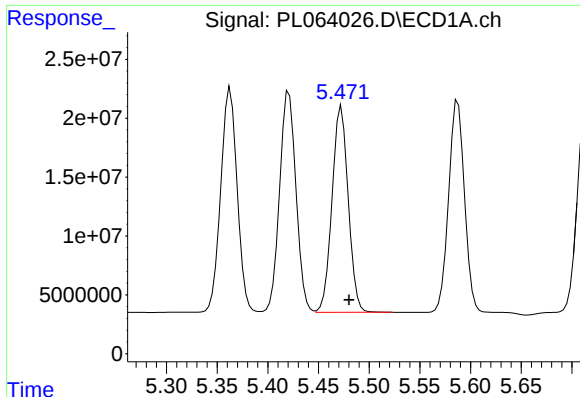
#8 Heptachlor epoxide

R.T.: 5.136 min  
Delta R.T.: -0.008 min  
Response: 211264469  
Conc: 56.23 ng/ml



#8 Heptachlor epoxide

R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 130949576  
Conc: 47.19 ng/ml



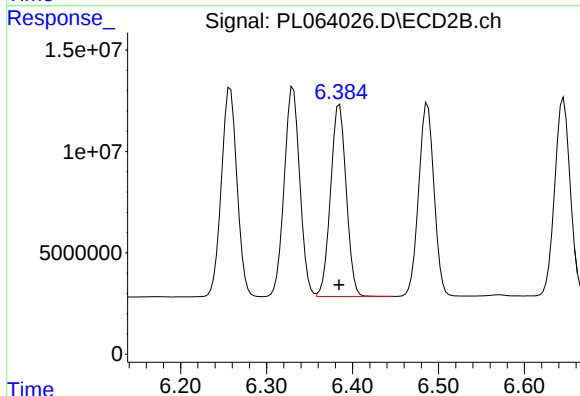
#9 Endosulfan I

R.T.: 5.473 min  
Delta R.T.: -0.007 min  
Response: 195042448  
Conc: 56.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

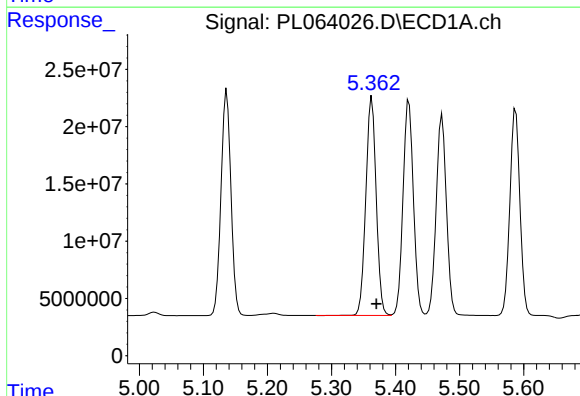
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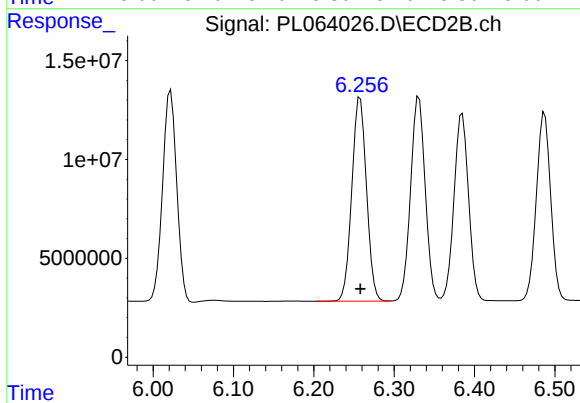
#9 Endosulfan I

R.T.: 6.385 min  
Delta R.T.: 0.000 min  
Response: 119527301  
Conc: 47.52 ng/ml



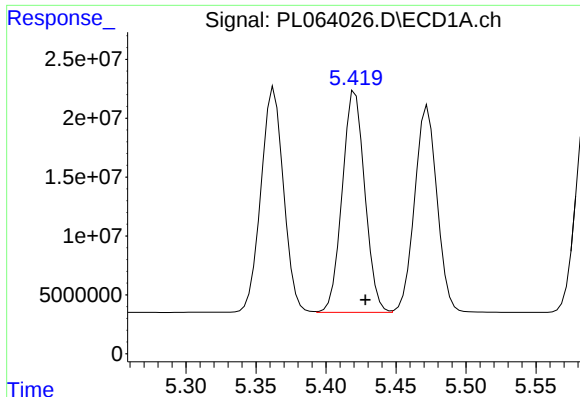
#10 gamma-Chlordane

R.T.: 5.363 min  
Delta R.T.: -0.007 min  
Response: 214532329  
Conc: 56.43 ng/ml



#10 gamma-Chlordane

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 130688197  
Conc: 47.23 ng/ml



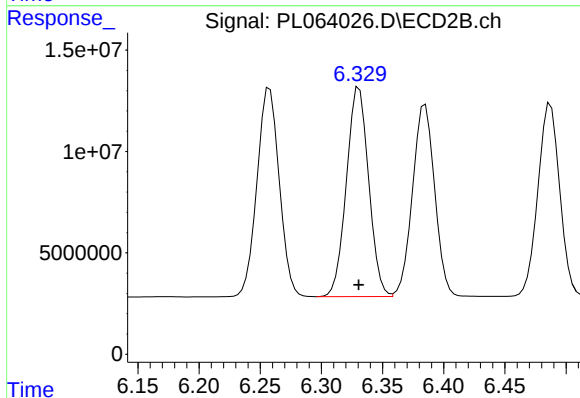
#11 alpha-Chlordane

R.T.: 5.421 min  
Delta R.T.: -0.007 min  
Response: 211057081  
Conc: 56.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

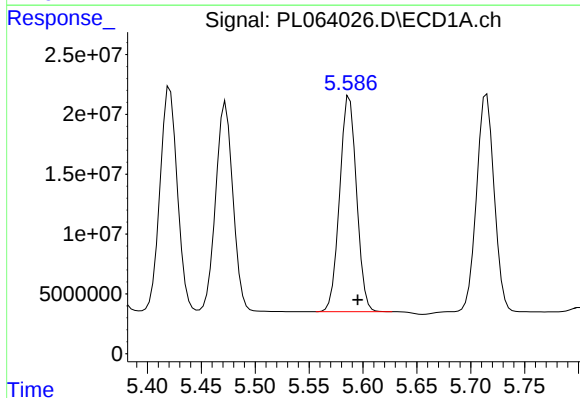
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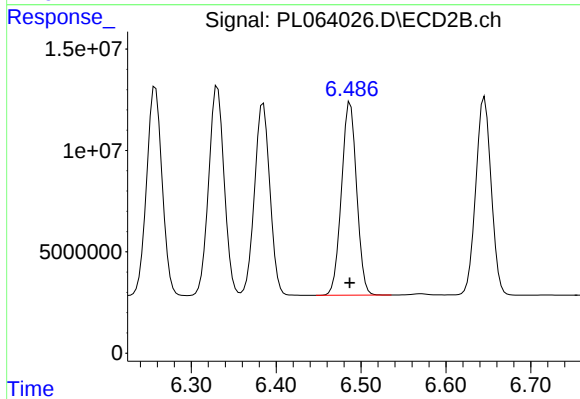
#11 alpha-Chlordane

R.T.: 6.331 min  
Delta R.T.: 0.000 min  
Response: 130719056  
Conc: 47.36 ng/ml



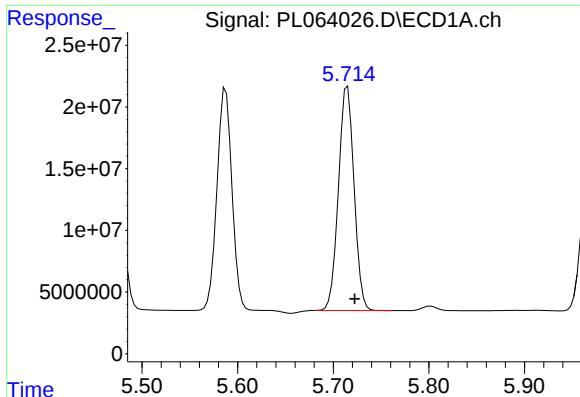
#12 4,4'-DDE

R.T.: 5.588 min  
Delta R.T.: -0.008 min  
Response: 196702340  
Conc: 57.22 ng/ml



#12 4,4'-DDE

R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 117876590  
Conc: 47.73 ng/ml



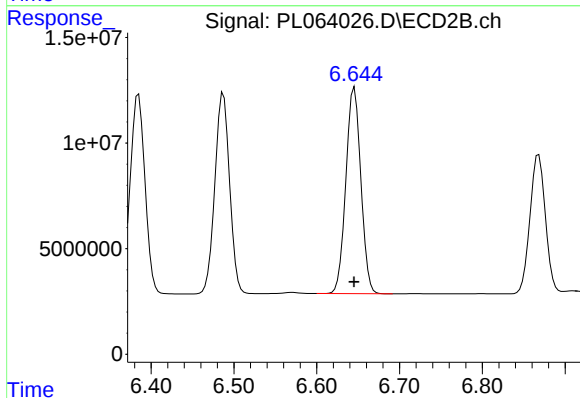
#13 Dieldrin

R.T.: 5.715 min  
Delta R.T.: -0.008 min  
Response: 206280422  
Conc: 56.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

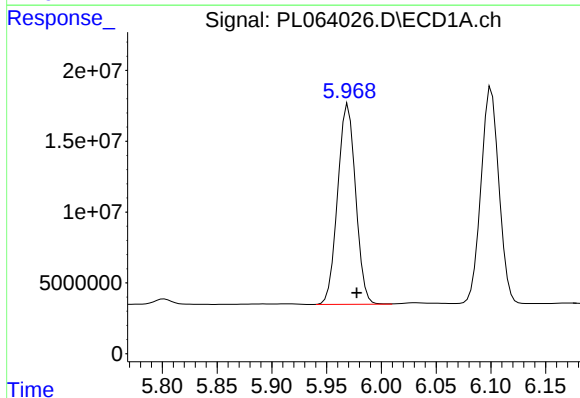
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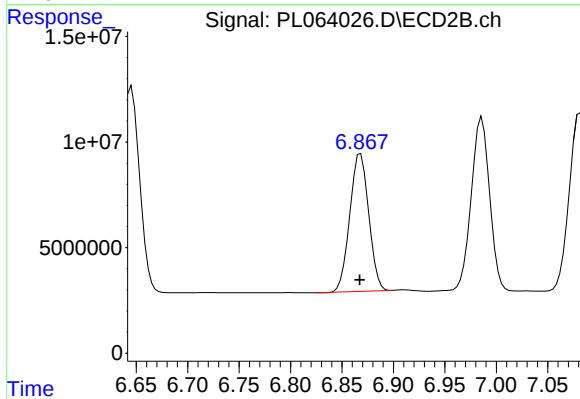
#13 Dieldrin

R.T.: 6.646 min  
Delta R.T.: 0.000 min  
Response: 123144585  
Conc: 47.27 ng/ml



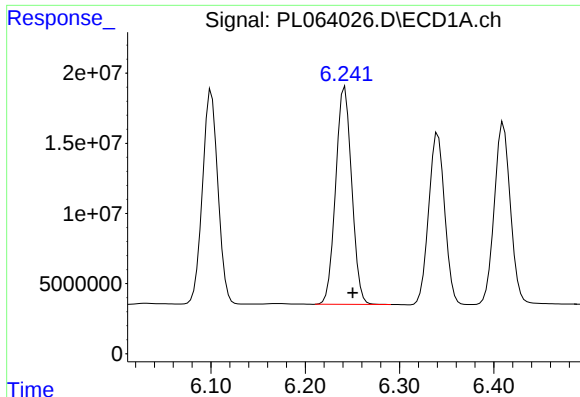
#14 Endrin

R.T.: 5.970 min  
Delta R.T.: -0.008 min  
Response: 161354264  
Conc: 55.36 ng/ml



#14 Endrin

R.T.: 6.868 min  
Delta R.T.: 0.000 min  
Response: 83567576  
Conc: 43.06 ng/ml



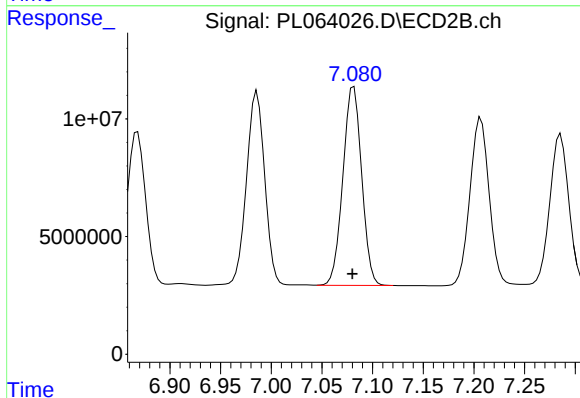
#15 Endosulfan II

R.T.: 6.242 min  
Delta R.T.: -0.008 min  
Response: 182942540  
Conc: 55.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

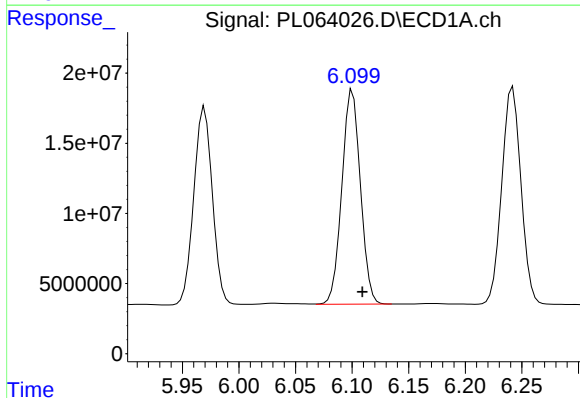
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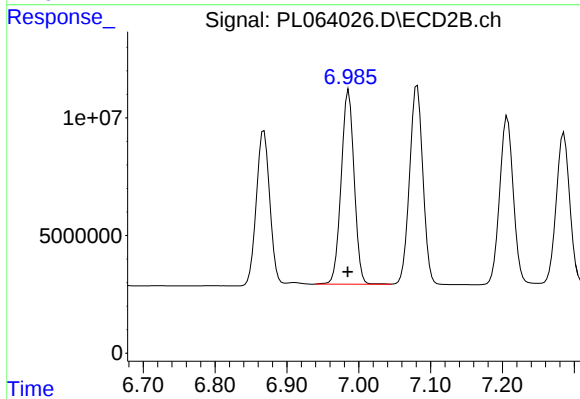
#15 Endosulfan II

R.T.: 7.081 min  
Delta R.T.: 0.002 min  
Response: 108815173  
Conc: 46.16 ng/ml



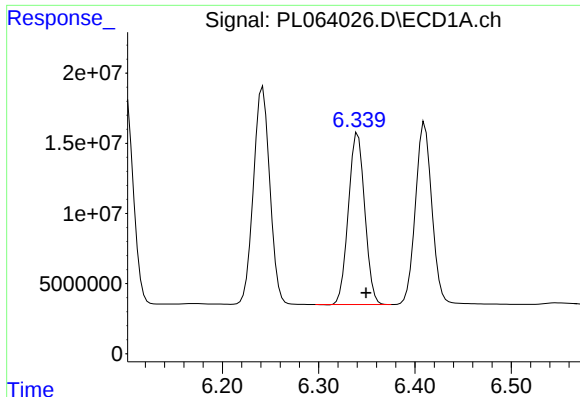
#16 4,4'-DDD

R.T.: 6.100 min  
Delta R.T.: -0.009 min  
Response: 174311489  
Conc: 59.60 ng/ml



#16 4,4'-DDD

R.T.: 6.986 min  
Delta R.T.: 0.002 min  
Response: 103481345  
Conc: 48.95 ng/ml



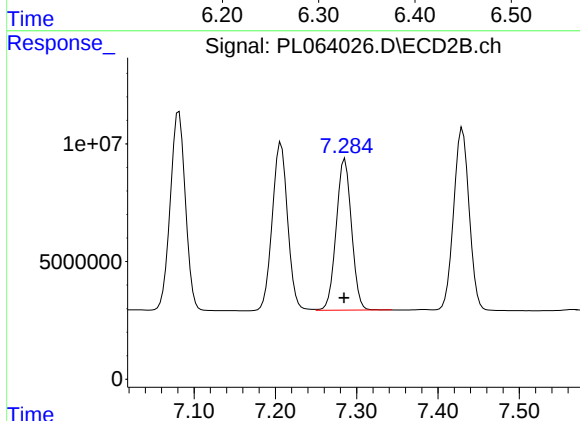
#17 4,4'-DDT

R.T.: 6.341 min  
Delta R.T.: -0.009 min  
Response: 143845232  
Conc: 54.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

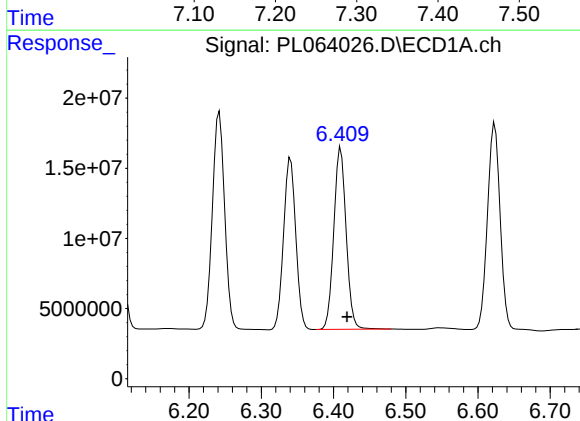
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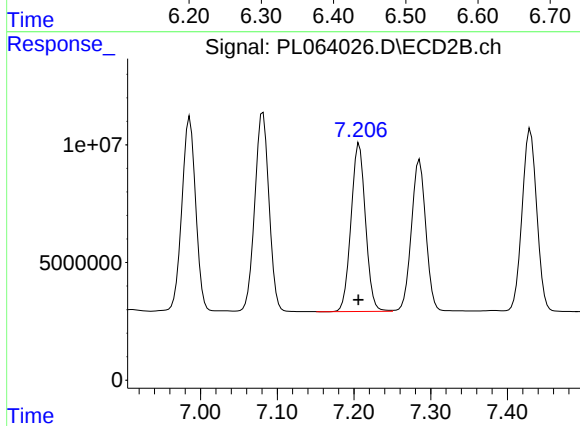
#17 4,4'-DDT

R.T.: 7.286 min  
Delta R.T.: 0.001 min  
Response: 84170254  
Conc: 43.27 ng/ml



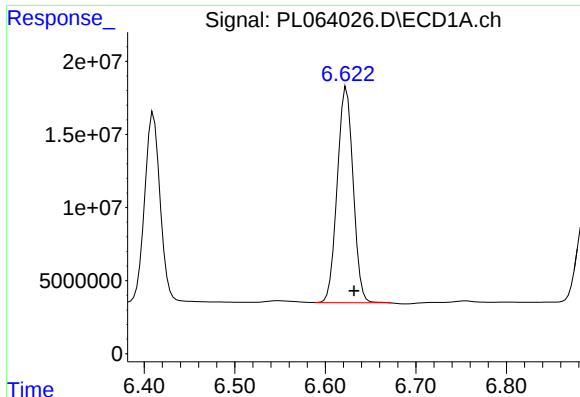
#18 Endrin aldehyde

R.T.: 6.410 min  
Delta R.T.: -0.009 min  
Response: 154501171  
Conc: 55.83 ng/ml



#18 Endrin aldehyde

R.T.: 7.207 min  
Delta R.T.: 0.001 min  
Response: 94203093  
Conc: 46.73 ng/ml



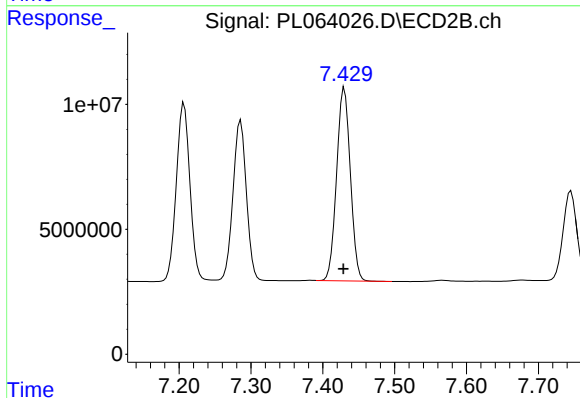
#19 Endosulfan Sulfate

R.T.: 6.623 min  
Delta R.T.: -0.009 min  
Response: 179543645  
Conc: 57.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

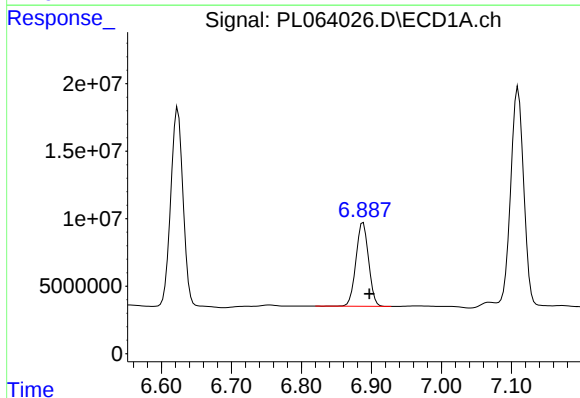
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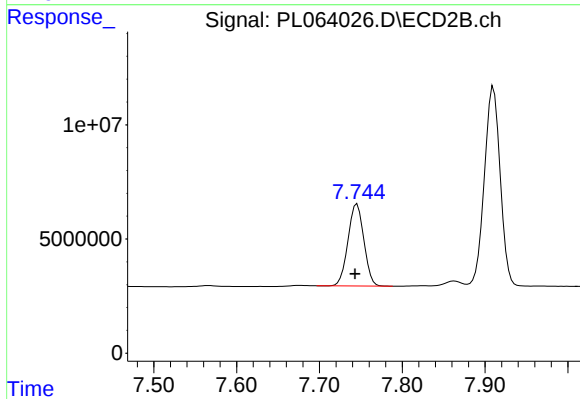
#19 Endosulfan Sulfate

R.T.: 7.430 min  
Delta R.T.: 0.002 min  
Response: 102490582  
Conc: 45.57 ng/ml



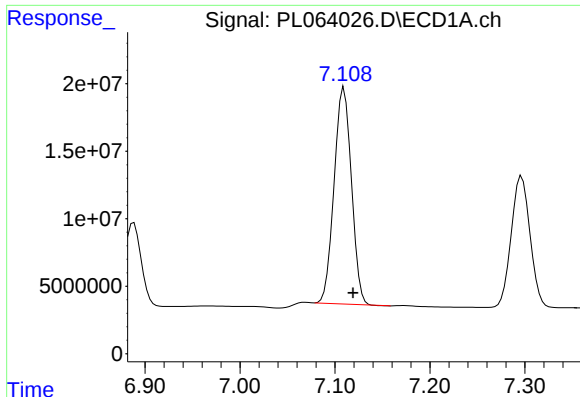
#20 Methoxychlor

R.T.: 6.888 min  
Delta R.T.: -0.009 min  
Response: 78086782  
Conc: 59.44 ng/ml



#20 Methoxychlor

R.T.: 7.745 min  
Delta R.T.: 0.002 min  
Response: 47889278  
Conc: 45.39 ng/ml



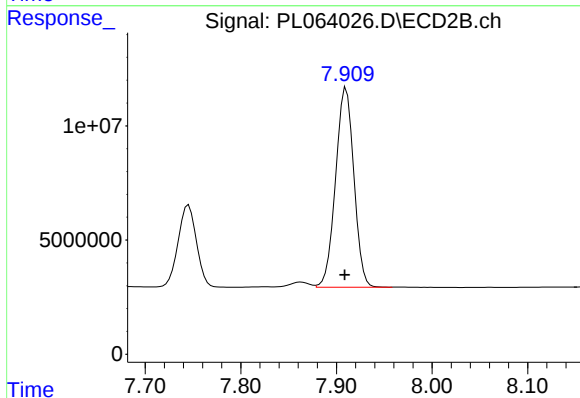
#21 Endrin ketone

R.T.: 7.109 min  
Delta R.T.: -0.009 min  
Response: 203715883  
Conc: 58.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

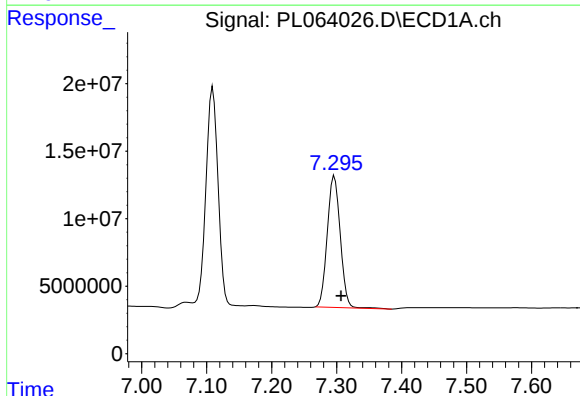
Manual Integrations  
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1/11/2021 10:32:53 AM



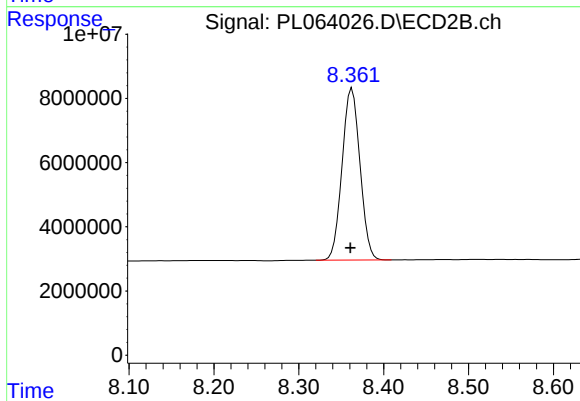
#21 Endrin ketone

R.T.: 7.910 min  
Delta R.T.: 0.002 min  
Response: 116112069  
Conc: 47.08 ng/ml



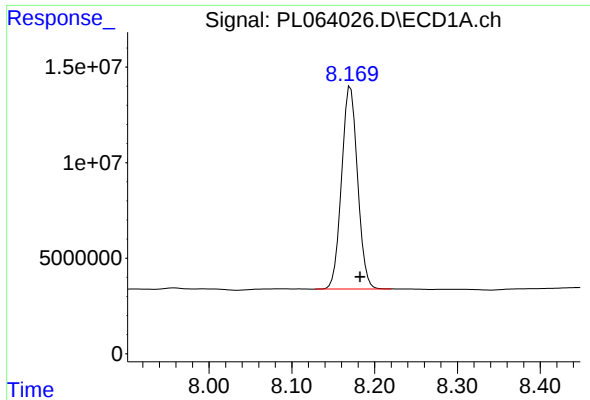
#22 Mirex

R.T.: 7.297 min  
Delta R.T.: -0.010 min  
Response: 135756006  
Conc: 54.06 ng/ml



#22 Mirex

R.T.: 8.363 min  
Delta R.T.: 0.002 min  
Response: 78302132  
Conc: 43.41 ng/ml



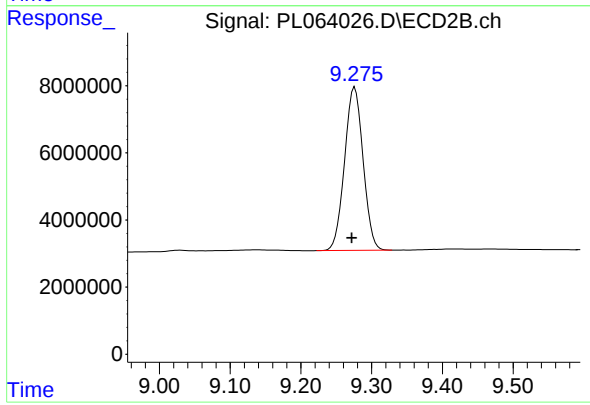
#28 Decachlorobiphenyl

R.T.: 8.169 min  
Delta R.T.: -0.013 min  
Response: 142310770  
Conc: 51.65 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.276 min  
Delta R.T.: 0.004 min  
Response: 88610916  
Conc: 44.94 ng/ml