

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093020\  
 Data File : PL061870.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2020 13:34  
 Operator : DD\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: Sep 30 16:22:19 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 23 13:58:40 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... | 3.457 | 4.007 | 88681282 | 132.2E6  | 51.983 | 48.458  |
| 28)                         | SA Decachlor... | 8.210 | 9.095 | 75893854 | 102.4E6  | 46.653 | 46.501  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.894 | 4.396 | 127.8E6  | 199.3E6  | 52.437 | 49.885  |
| 3)                          | MA gamma-BHC... | 4.177 | 4.682 | 115.5E6  | 183.3E6  | 52.803 | 49.517  |
| 4)                          | MA Heptachlor   | 4.478 | 5.192 | 105.9E6  | 173.5E6  | 51.887 | 50.102  |
| 5)                          | MB Aldrin       | 4.726 | 5.498 | 95170494 | 162.4E6  | 52.746 | 50.118  |
| 6)                          | B beta-BHC      | 4.428 | 4.853 | 47574857 | 74057789 | 52.090 | 49.046  |
| 7)                          | B delta-BHC     | 4.632 | 5.069 | 108.9E6  | 159.7E6  | 53.135 | 62.673m |
| 8)                          | B Heptachlo...  | 5.169 | 5.886 | 90471986 | 145.5E6  | 51.821 | 58.725  |
| 9)                          | A Endosulfan I  | 5.507 | 6.244 | 83973386 | 130.8E6  | 51.821 | 47.339  |
| 10)                         | B gamma-Chl...  | 5.396 | 6.121 | 90394458 | 144.6E6  | 52.050 | 49.223  |
| 11)                         | B alpha-Chl...  | 5.455 | 6.194 | 89979219 | 142.2E6  | 51.800 | 47.351  |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.352 | 82745718 | 129.2E6  | 52.648 | 47.316  |
| 13)                         | MA Dieldrin     | 5.751 | 6.502 | 87574461 | 133.1E6  | 52.069 | 46.903  |
| 14)                         | MA Endrin       | 6.007 | 6.720 | 77058947 | 106.6E6  | 48.428 | 43.683  |
| 15)                         | B Endosulfa...  | 6.280 | 6.930 | 78799706 | 111.6E6  | 48.737 | 43.182  |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.844 | 71484469 | 103.2E6  | 53.990 | 46.429  |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.143 | 63421482 | 94247434 | 50.275 | 43.039  |
| 18)                         | B Endrin al...  | 6.448 | 7.054 | 67429848 | 96500171 | 47.952 | 45.084  |
| 19)                         | B Endosulfa...  | 6.661 | 7.279 | 76006344 | 105.5E6  | 49.130 | 45.066  |
| 20)                         | A Methoxychlor  | 6.921 | 7.604 | 37897063 | 52497225 | 46.872 | 41.665  |
| 21)                         | B Endrin ke...  | 7.151 | 7.750 | 87874826 | 110.5E6  | 51.419 | 47.074  |
| 22)                         | Mirex           | 7.340 | 8.207 | 65993516 | 77914355 | 47.074 | 44.221  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093020\  
Data File : PL061870.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Sep 2020 13:34  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

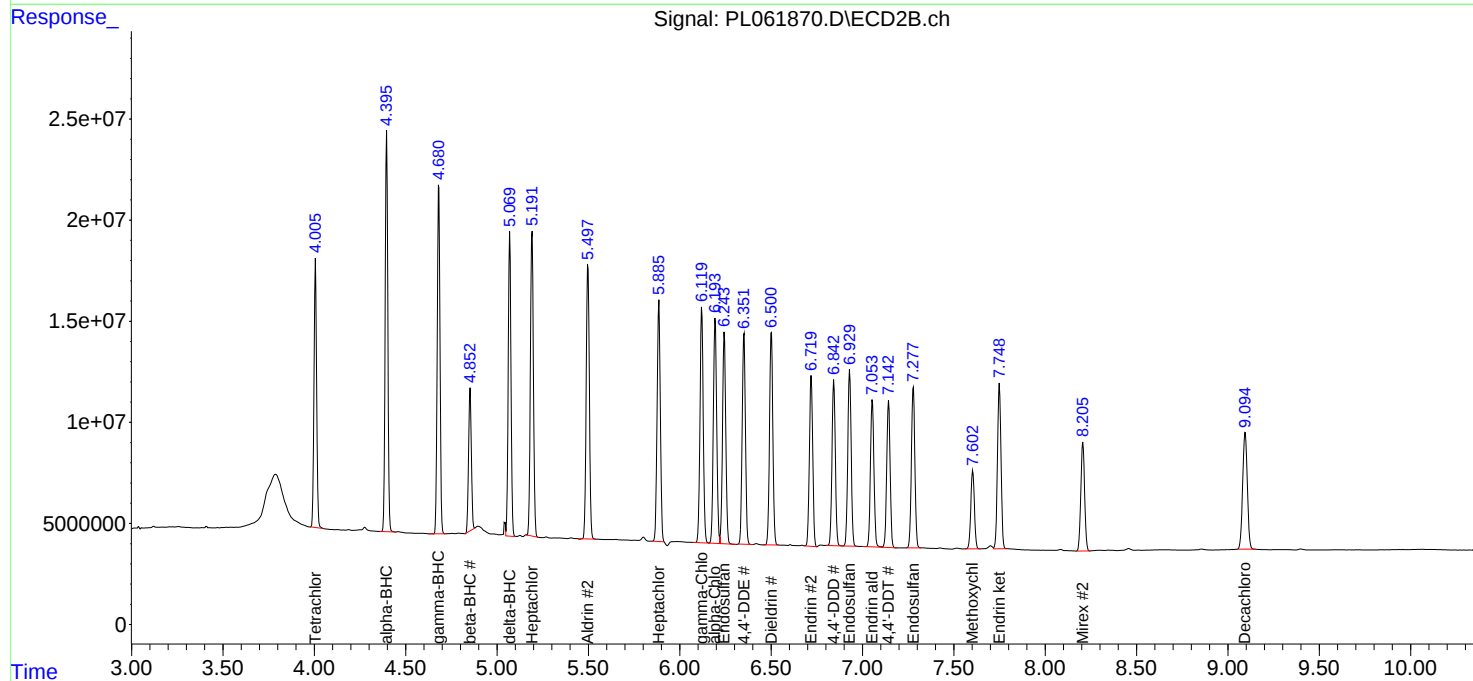
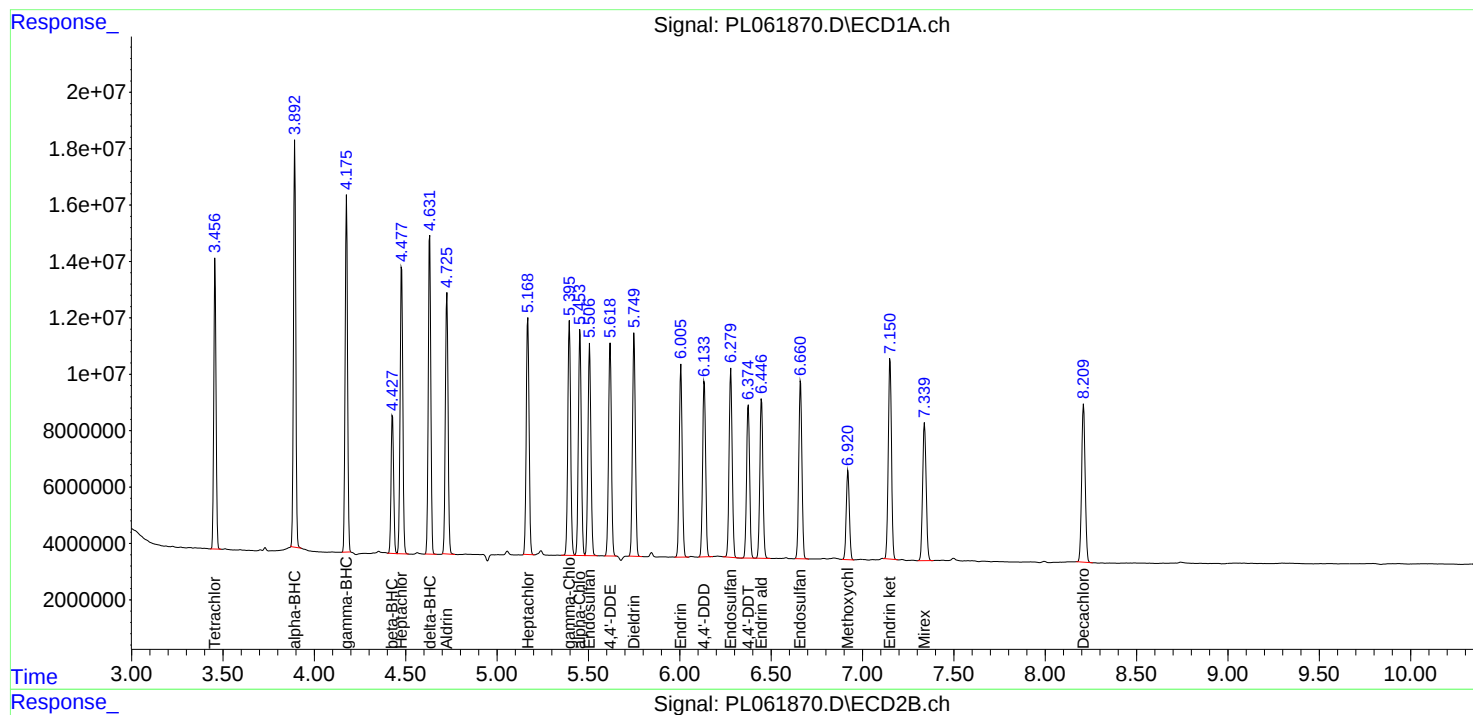
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

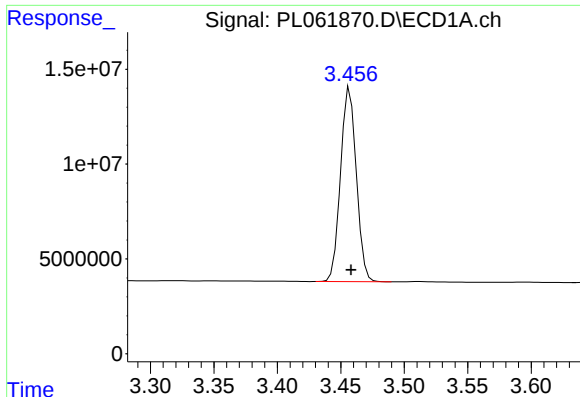
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 16:22:19 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 23 13:58:40 2020  
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





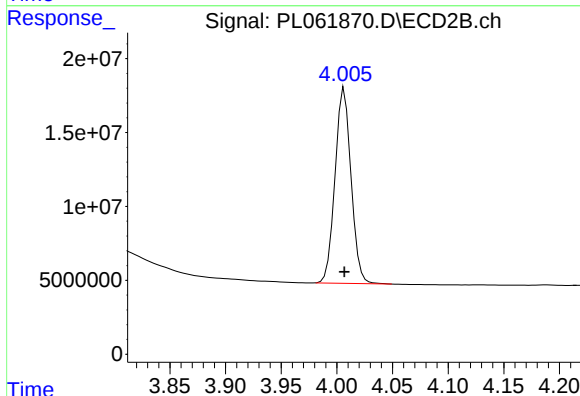
#1 Tetrachloro-m-xylene

R.T.: 3.457 min  
Delta R.T.: 0.000 min  
Response: 88681282  
Conc: 51.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

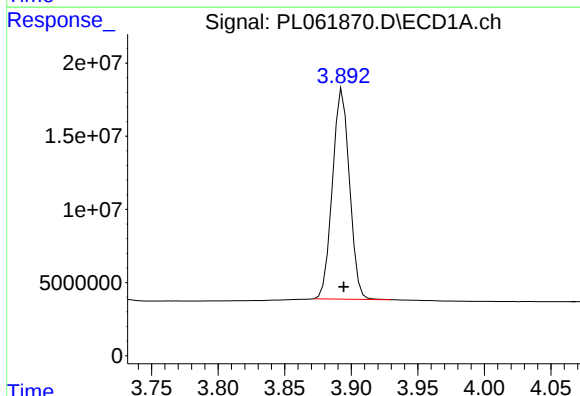
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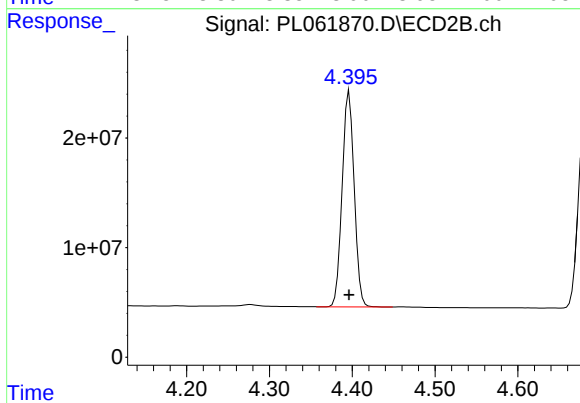
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 132204808  
Conc: 48.46 ng/ml



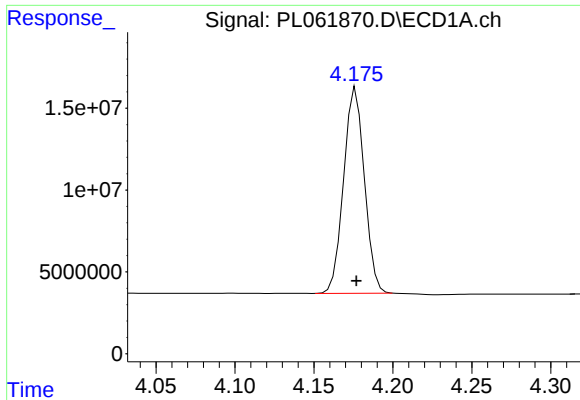
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 127811328  
Conc: 52.44 ng/ml



#2 alpha-BHC

R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 199255107  
Conc: 49.88 ng/ml



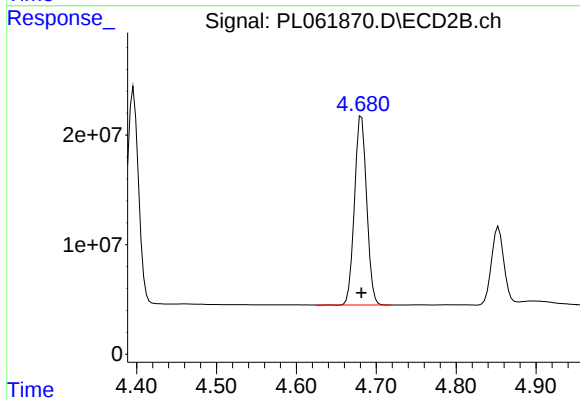
#3 gamma-BHC (Lindane)

R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 115492108  
Conc: 52.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

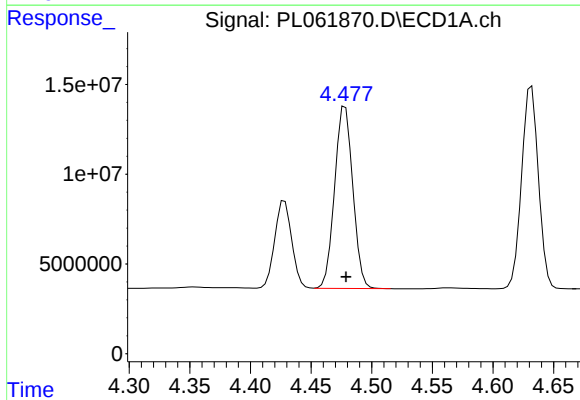
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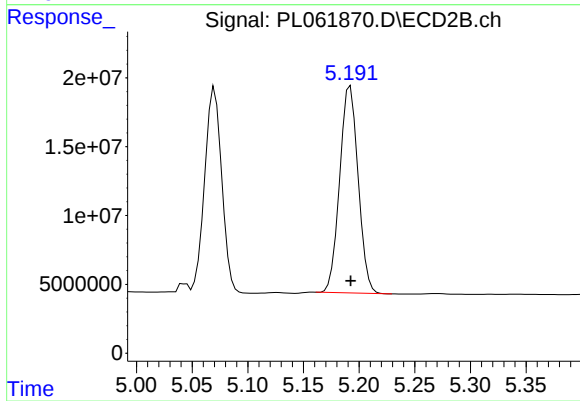
#3 gamma-BHC (Lindane)

R.T.: 4.682 min  
Delta R.T.: 0.000 min  
Response: 183307360  
Conc: 49.52 ng/ml



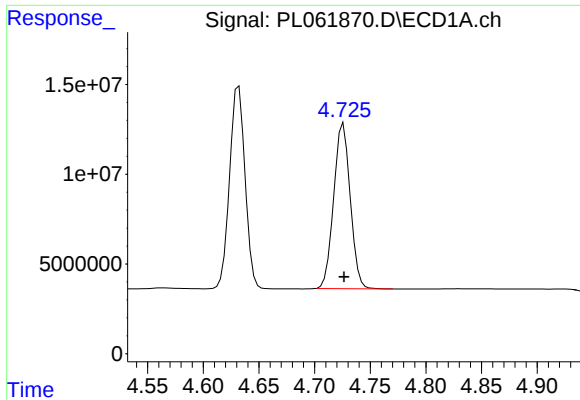
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: 0.000 min  
Response: 105883660  
Conc: 51.89 ng/ml



#4 Heptachlor

R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 173497838  
Conc: 50.10 ng/ml



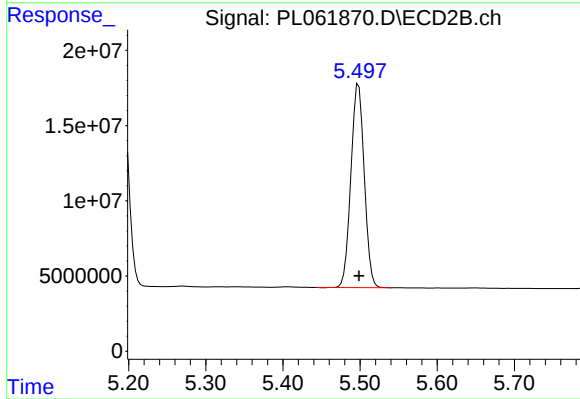
#5 Aldrin

R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 95170494  
Conc: 52.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

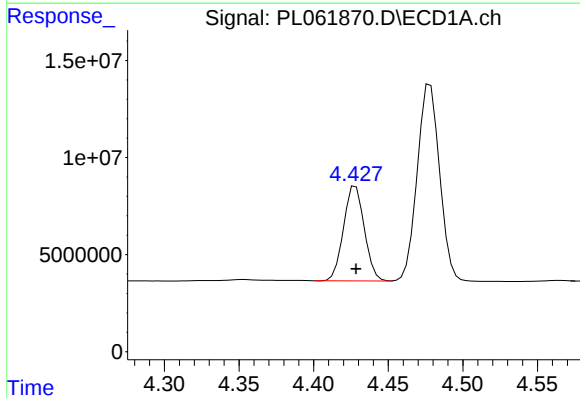
Manual Integrations  
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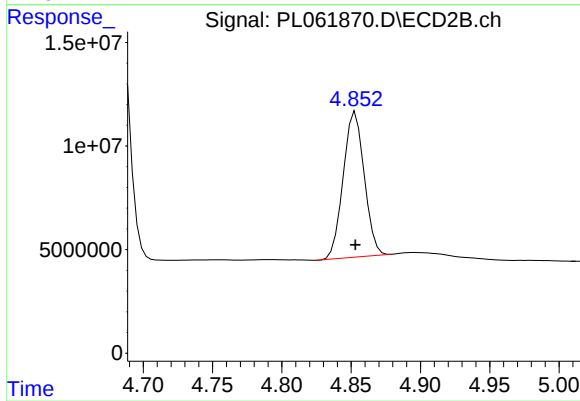
#5 Aldrin

R.T.: 5.498 min  
Delta R.T.: 0.000 min  
Response: 162356217  
Conc: 50.12 ng/ml



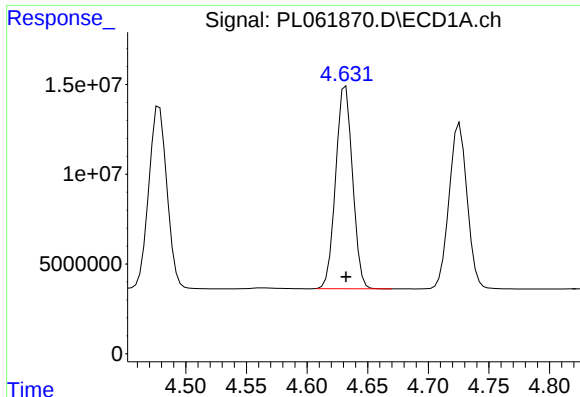
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 47574857  
Conc: 52.09 ng/ml



#6 beta-BHC

R.T.: 4.853 min  
Delta R.T.: 0.000 min  
Response: 74057789  
Conc: 49.05 ng/ml



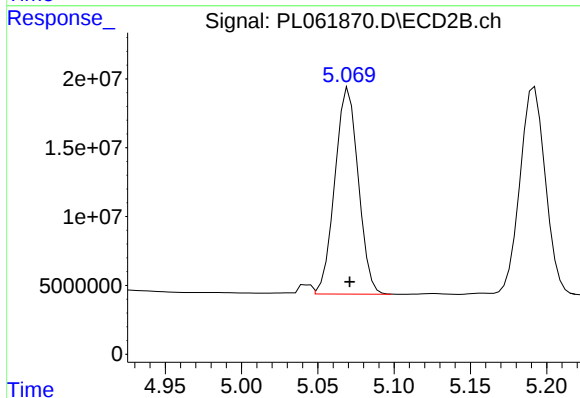
#7 delta-BHC

R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 108939503  
Conc: 53.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

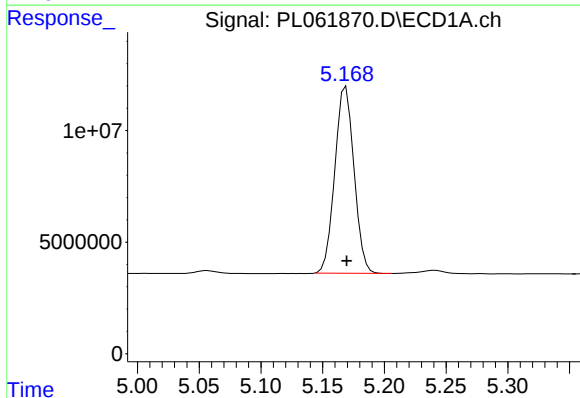
Manual Integrations  
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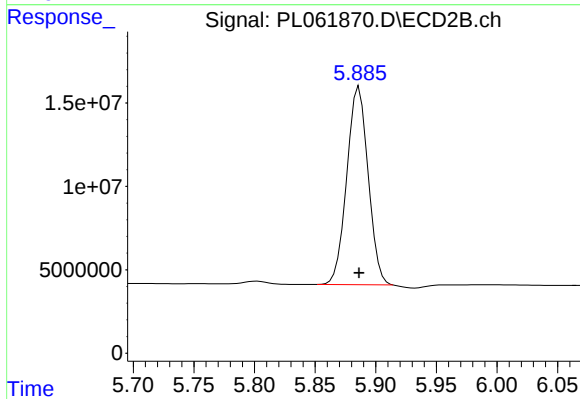
#7 delta-BHC

R.T.: 5.069 min  
Delta R.T.: -0.002 min  
Response: 159694948  
Conc: 62.67 ng/ml m



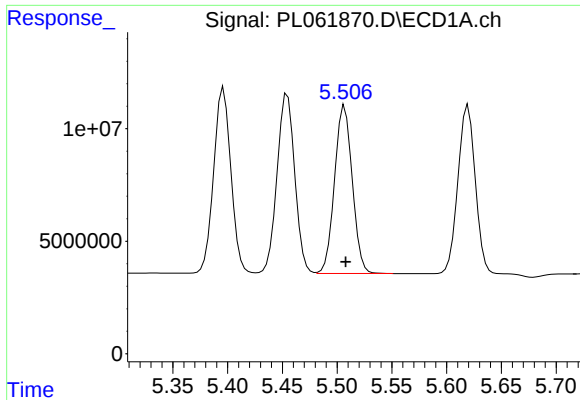
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 90471986  
Conc: 51.82 ng/ml



#8 Heptachlor epoxide

R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 145542409  
Conc: 58.73 ng/ml



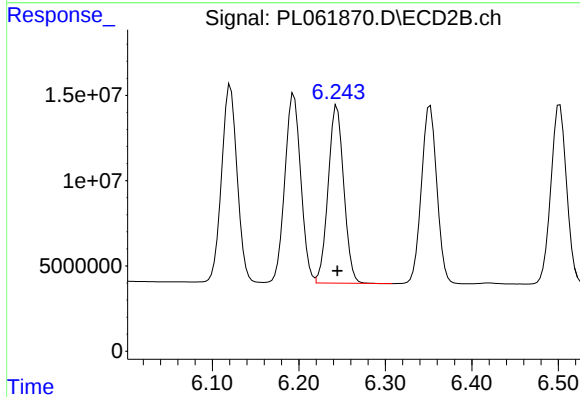
#9 Endosulfan I

R.T.: 5.507 min  
Delta R.T.: -0.001 min  
Response: 83973386  
Conc: 51.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

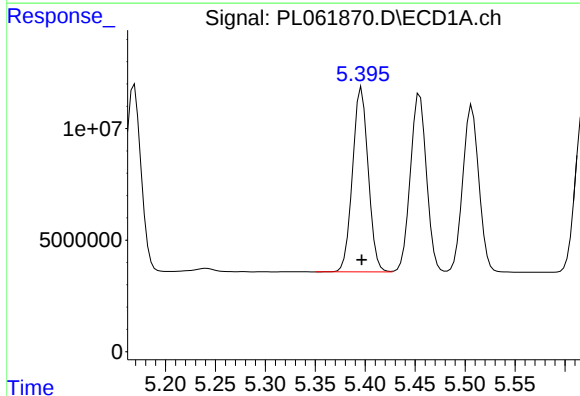
Manual Integrations  
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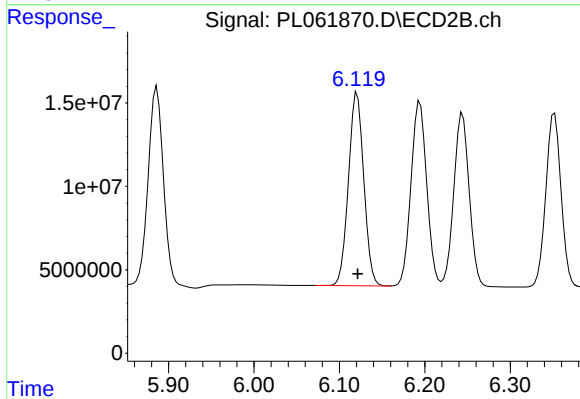
#9 Endosulfan I

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 130775615  
Conc: 47.34 ng/ml



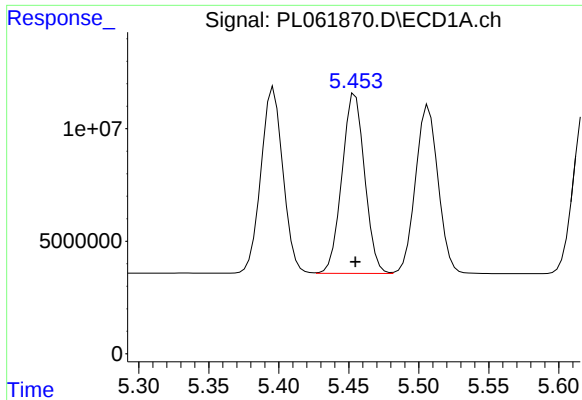
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 90394458  
Conc: 52.05 ng/ml



#10 gamma-Chlordane

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 144551604  
Conc: 49.22 ng/ml



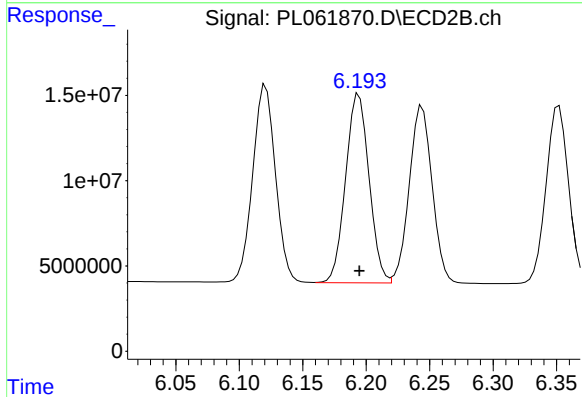
#11 alpha-Chlordane

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 89979219  
Conc: 51.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

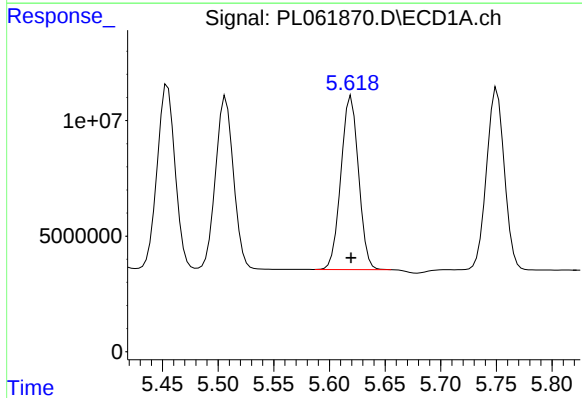
Manual Integrations  
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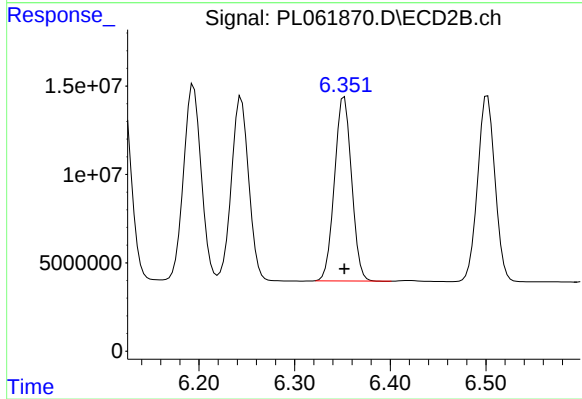
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 142219207  
Conc: 47.35 ng/ml



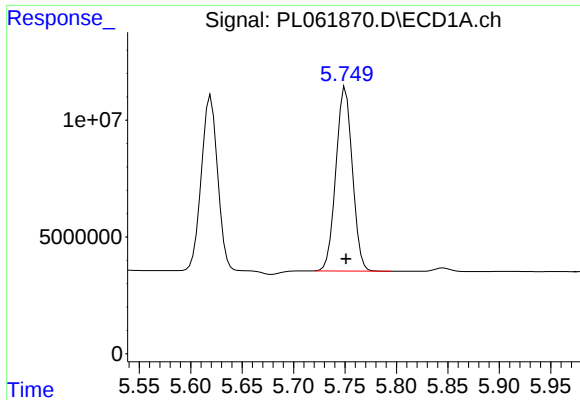
#12 4,4'-DDE

R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 82745718  
Conc: 52.65 ng/ml



#12 4,4'-DDE

R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 129163323  
Conc: 47.32 ng/ml



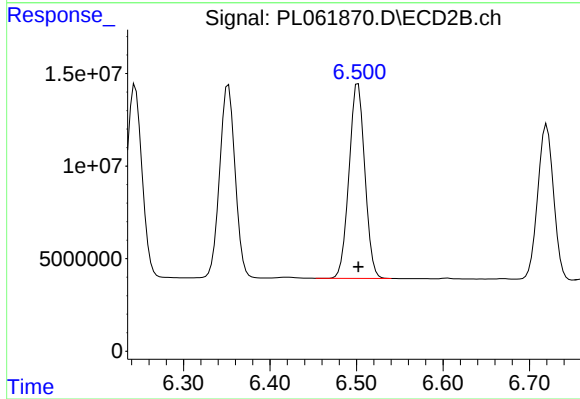
#13 Dieldrin

R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 87574461  
Conc: 52.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

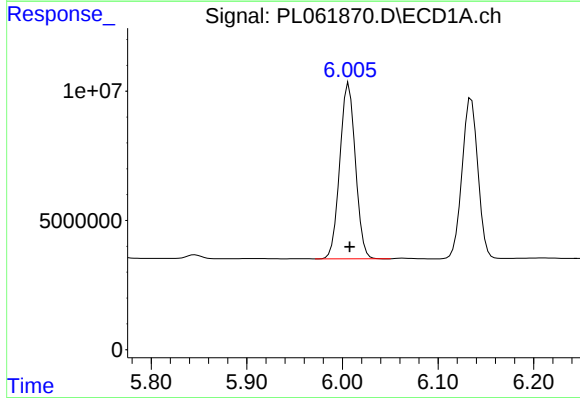
Manual Integrations  
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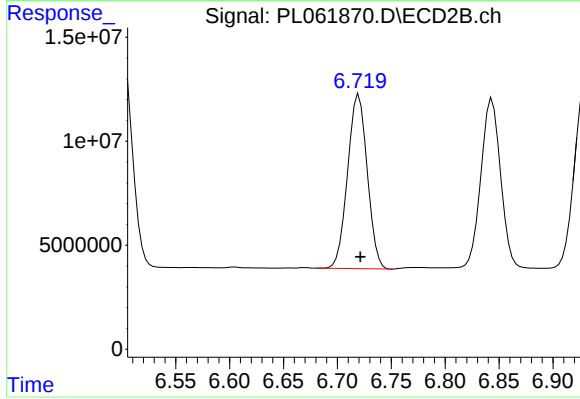
#13 Dieldrin

R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 133060649  
Conc: 46.90 ng/ml



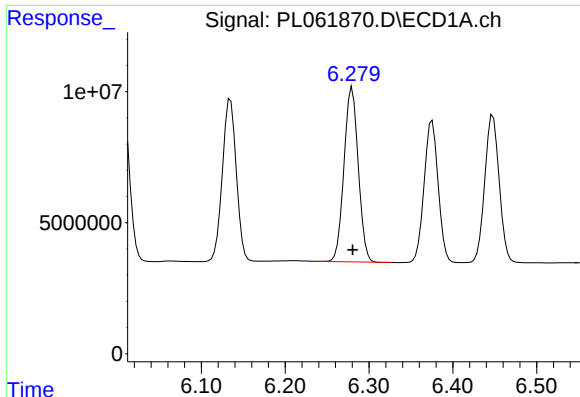
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: -0.001 min  
Response: 77058947  
Conc: 48.43 ng/ml



#14 Endrin

R.T.: 6.720 min  
Delta R.T.: -0.001 min  
Response: 106568717  
Conc: 43.68 ng/ml



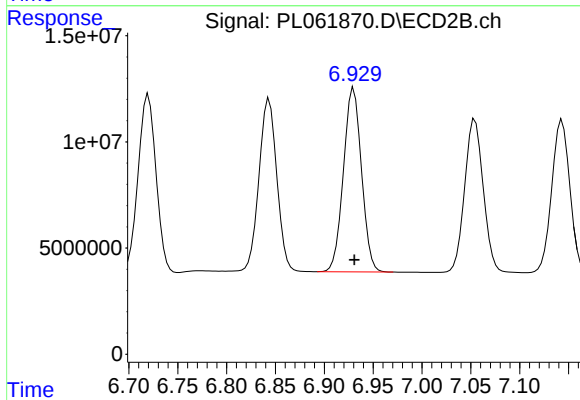
#15 Endosulfan II

R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 78799706  
Conc: 48.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

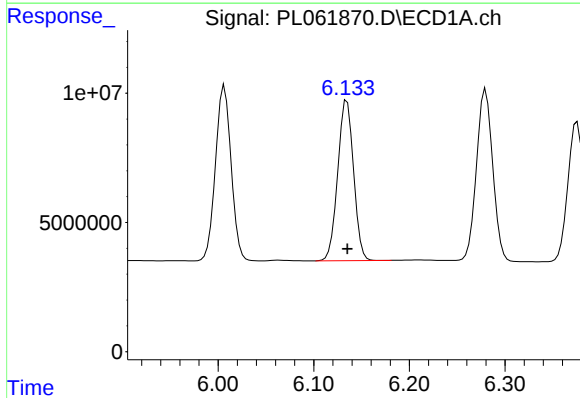
Manual Integrations  
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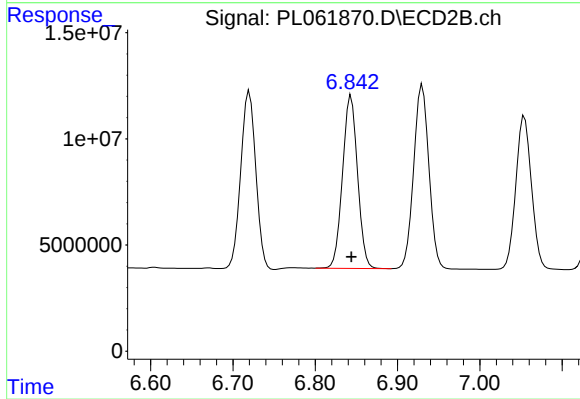
#15 Endosulfan II

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 111613140  
Conc: 43.18 ng/ml



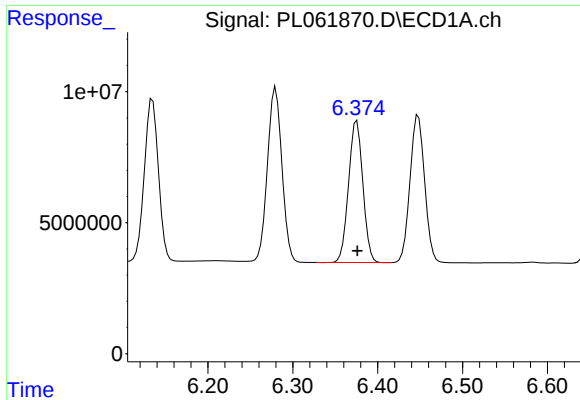
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 71484469  
Conc: 53.99 ng/ml



#16 4,4'-DDD

R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 103214642  
Conc: 46.43 ng/ml



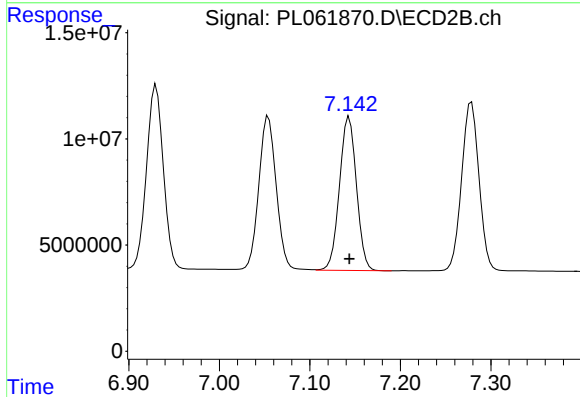
#17 4,4'-DDT

R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 63421482  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

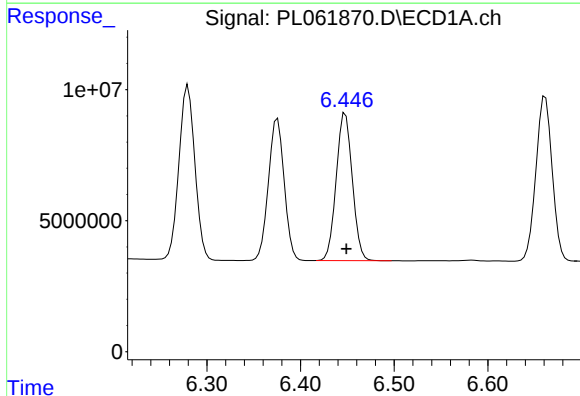
Manual Integrations  
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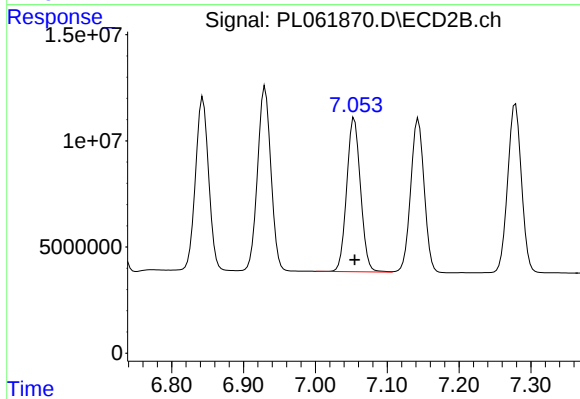
#17 4,4'-DDT

R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 94247434  
Conc: 43.04 ng/ml



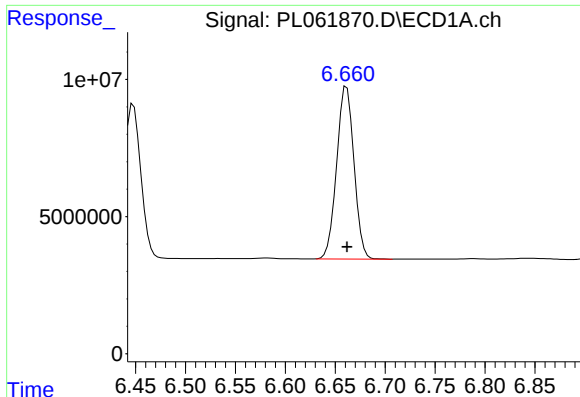
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.001 min  
Response: 67429848  
Conc: 47.95 ng/ml



#18 Endrin aldehyde

R.T.: 7.054 min  
Delta R.T.: 0.000 min  
Response: 96500171  
Conc: 45.08 ng/ml



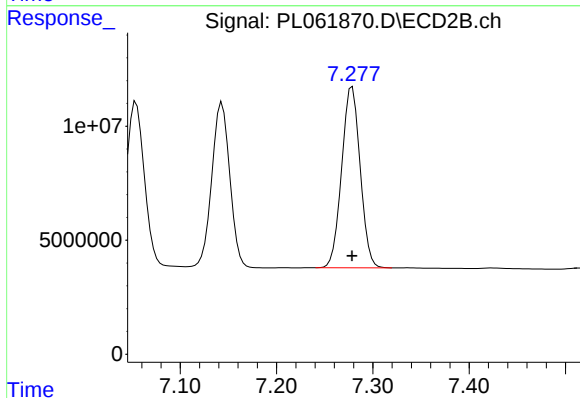
#19 Endosulfan Sulfate

R.T.: 6.661 min  
Delta R.T.: 0.000 min  
Response: 76006344  
Conc: 49.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

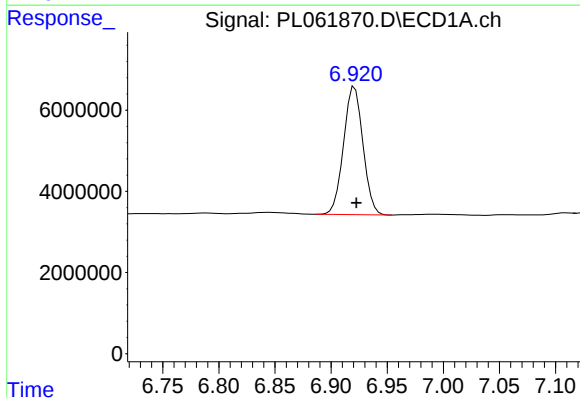
Manual Integrations  
APPROVED

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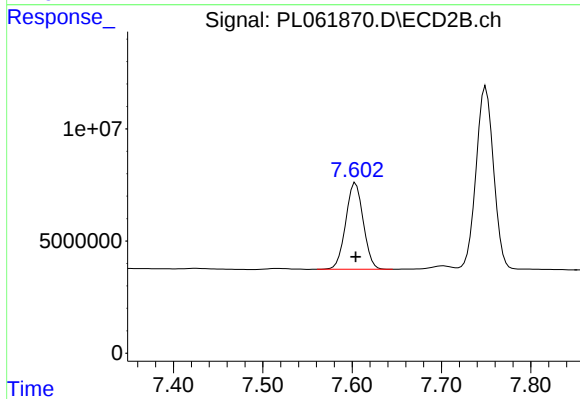
#19 Endosulfan Sulfate

R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 105527024  
Conc: 45.07 ng/ml



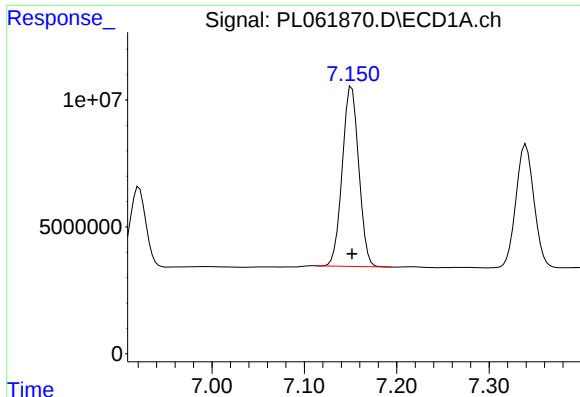
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: -0.001 min  
Response: 37897063  
Conc: 46.87 ng/ml



#20 Methoxychlor

R.T.: 7.604 min  
Delta R.T.: 0.000 min  
Response: 52497225  
Conc: 41.67 ng/ml



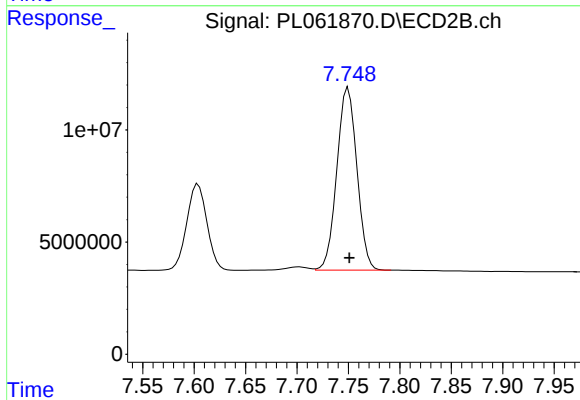
#21 Endrin ketone

R.T.: 7.151 min  
Delta R.T.: 0.000 min  
Response: 87874826  
Conc: 51.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

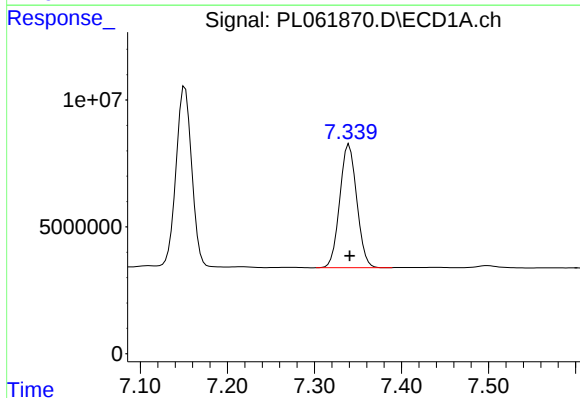
Manual Integrations  
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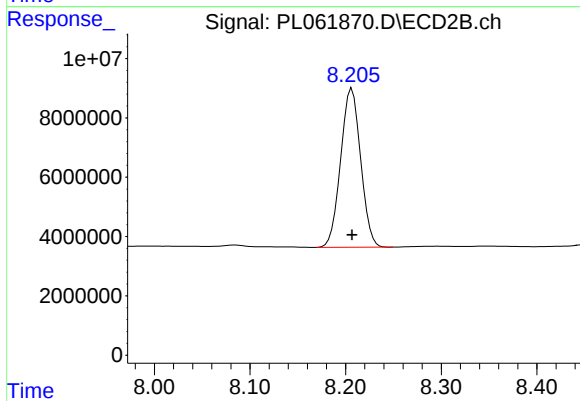
#21 Endrin ketone

R.T.: 7.750 min  
Delta R.T.: -0.001 min  
Response: 110482968  
Conc: 47.07 ng/ml



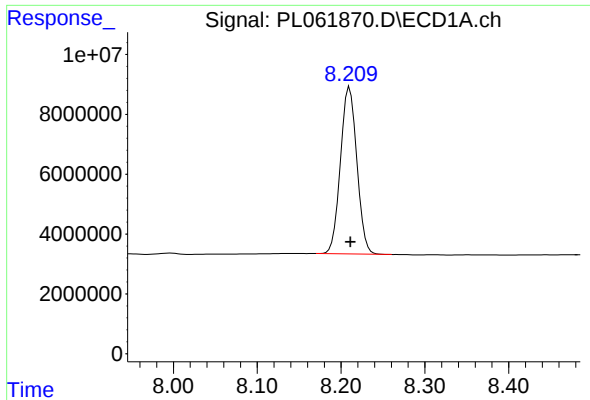
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 65993516  
Conc: 47.07 ng/ml



#22 Mirex

R.T.: 8.207 min  
Delta R.T.: 0.000 min  
Response: 77914355  
Conc: 44.22 ng/ml



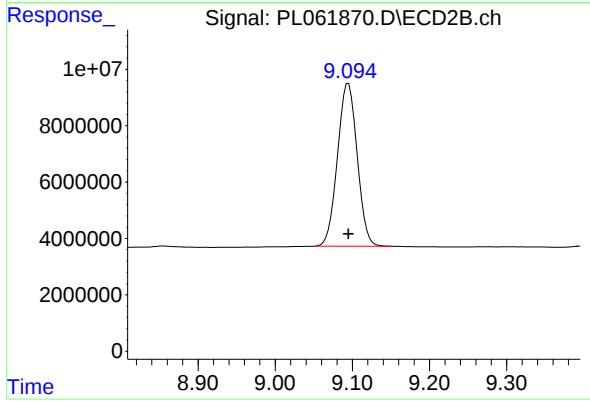
#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: -0.001 min  
Response: 75893854  
Conc: 46.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: 0.000 min  
Response: 102365499  
Conc: 46.50 ng/ml