

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100919\  
 Data File : PL053174.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2019 09:43  
 Operator : SG\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: Oct 10 00:41:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 2019  
 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... | 3.550 | 4.048 | 563.7E6 | 129.5E6  | 56.670 | 48.237  |
| 28)                         | SA Decachlor... | 8.341 | 9.127 | 474.5E6 | 130.3E6  | 47.369 | 44.424  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.994 | 4.439 | 932.7E6 | 188.1E6  | 58.472 | 48.994  |
| 3)                          | MA gamma-BHC... | 4.281 | 4.724 | 845.4E6 | 172.7E6  | 58.044 | 47.695  |
| 4)                          | MA Heptachlor   | 4.589 | 5.234 | 853.0E6 | 178.3E6  | 57.089 | 46.801  |
| 5)                          | MB Aldrin       | 4.841 | 5.540 | 791.1E6 | 162.1E6  | 57.512 | 46.785  |
| 6)                          | B beta-BHC      | 4.531 | 4.892 | 340.8E6 | 81823053 | 54.891 | 52.057m |
| 7)                          | B delta-BHC     | 4.740 | 5.111 | 827.5E6 | 170.2E6  | 57.750 | 47.014  |
| 8)                          | B Heptachlor... | 5.287 | 5.926 | 727.2E6 | 157.4E6  | 55.802 | 46.963  |
| 9)                          | A Endosulfan I  | 5.629 | 6.283 | 673.2E6 | 145.1E6  | 55.475 | 46.415  |
| 10)                         | B gamma-Chl...  | 5.516 | 6.159 | 748.4E6 | 157.6E6  | 55.650 | 46.587  |
| 11)                         | B alpha-Chl...  | 5.575 | 6.232 | 728.6E6 | 155.4E6  | 55.244 | 46.165  |
| 12)                         | B 4,4'-DDE      | 5.738 | 6.388 | 654.4E6 | 154.8E6  | 56.383 | 47.409  |
| 13)                         | MA Dieldrin     | 5.875 | 6.540 | 732.0E6 | 152.8E6  | 56.712 | 46.844  |
| 14)                         | MA Endrin       | 6.133 | 6.757 | 649.3E6 | 131.4E6  | 57.006 | 47.303  |
| 15)                         | B Endosulfa...  | 6.406 | 6.966 | 619.7E6 | 137.7E6  | 54.081 | 46.409  |
| 16)                         | A 4,4'-DDD      | 6.256 | 6.878 | 511.7E6 | 116.2E6  | 56.932 | 47.361  |
| 17)                         | MA 4,4'-DDT     | 6.499 | 7.176 | 568.0E6 | 120.6E6  | 55.622 | 46.343  |
| 18)                         | B Endrin al...  | 6.574 | 7.090 | 501.8E6 | 112.9E6  | 53.434 | 46.032  |
| 19)                         | B Endosulfa...  | 6.788 | 7.313 | 551.4E6 | 122.1E6  | 52.970 | 44.729  |
| 20)                         | A Methoxychlor  | 7.045 | 7.634 | 262.2E6 | 68660469 | 50.827 | 48.767  |
| 21)                         | B Endrin ke...  | 7.282 | 7.784 | 569.5E6 | 133.2E6  | 48.860 | 46.688  |
| 22)                         | Mirex           | 7.476 | 8.239 | 431.7E6 | 96656158 | 45.713 | 42.973  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100919\  
 Data File : PL053174.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2019 09:43  
 Operator : SG\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

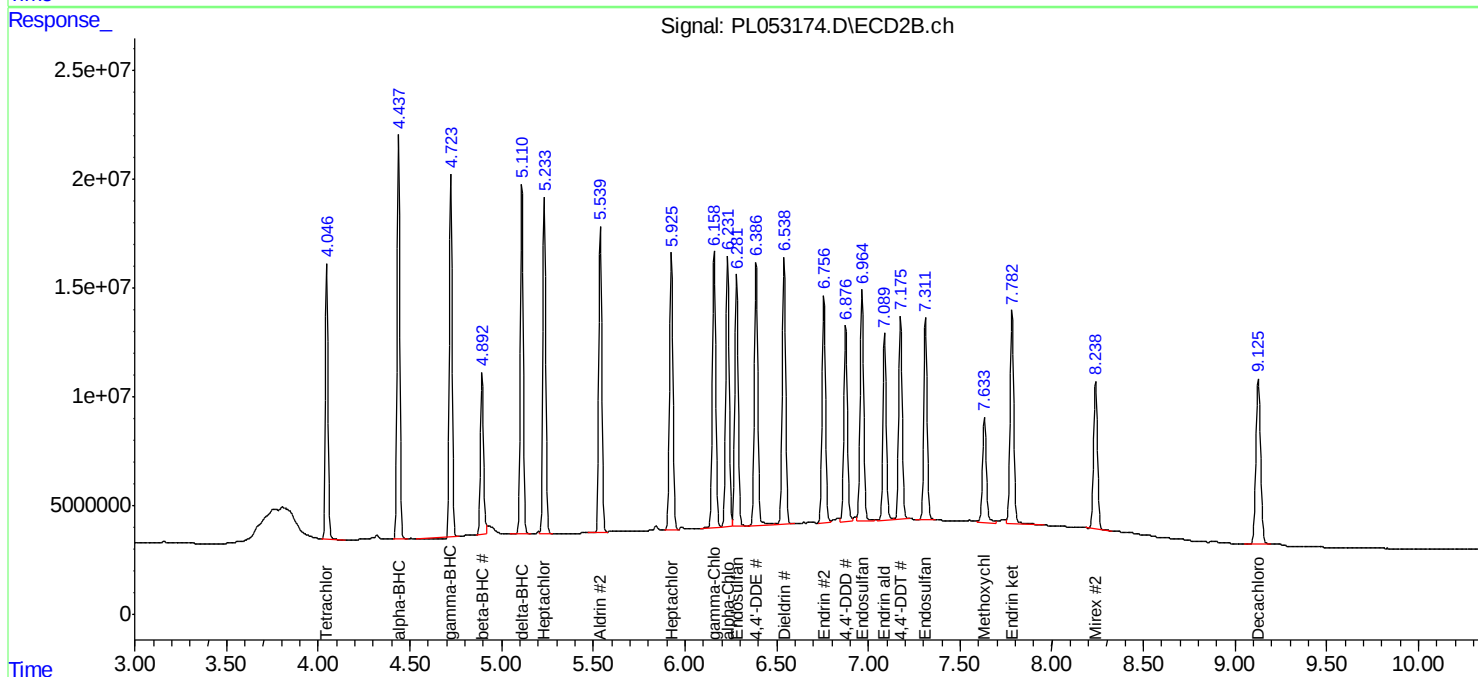
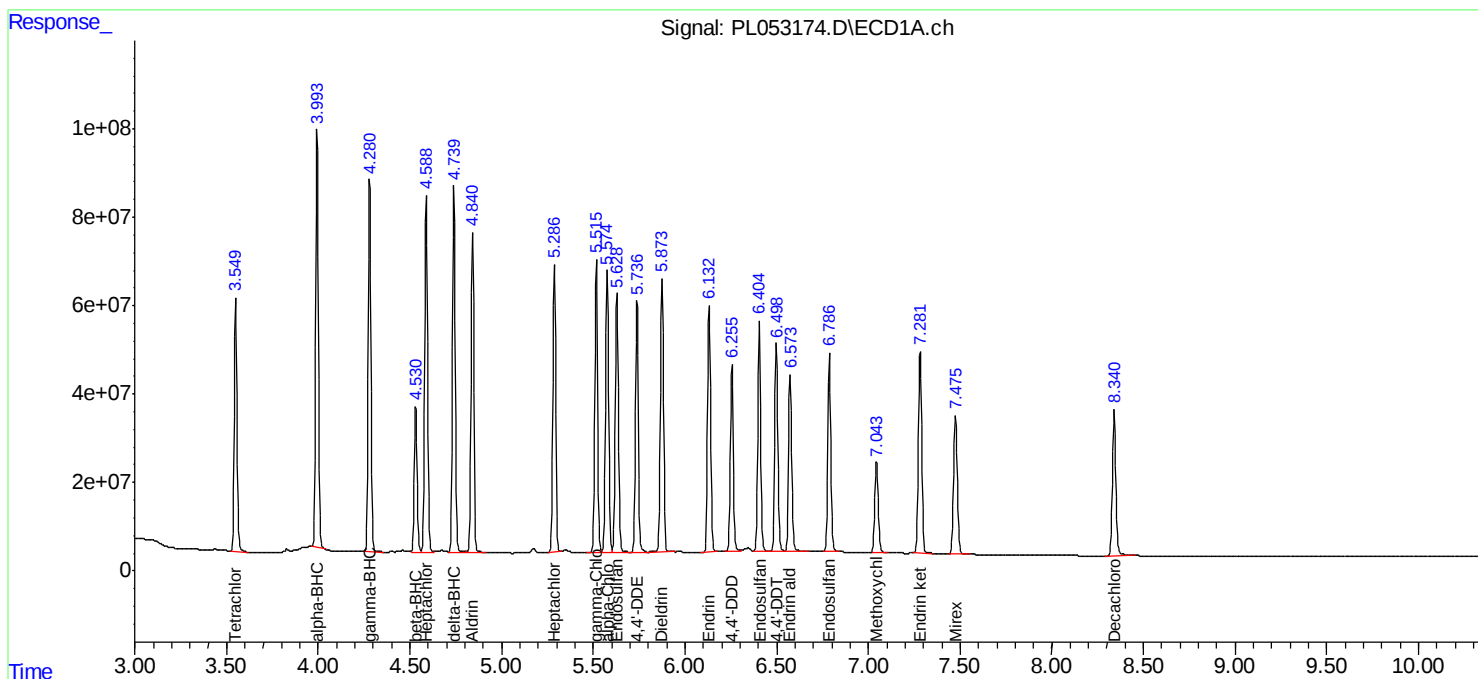
Instrument :  
 ECD\_L  
 ClientSampled :  
 PSTDCCC050

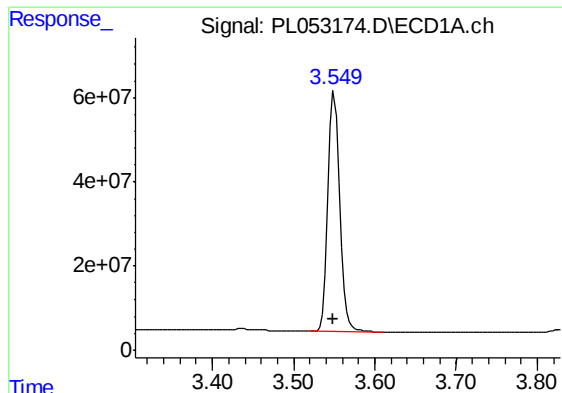
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 00:41:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 2019  
 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





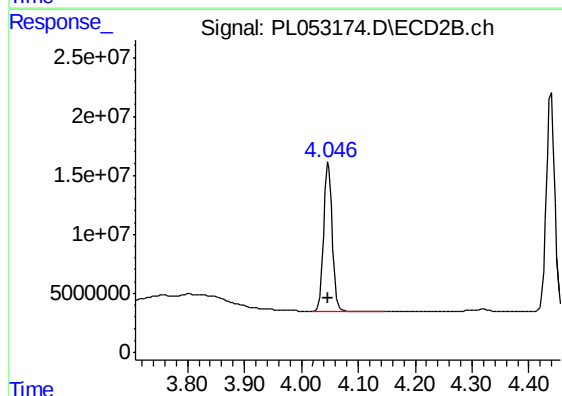
#1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.001 min  
Response: 563679341  
Conc: 56.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

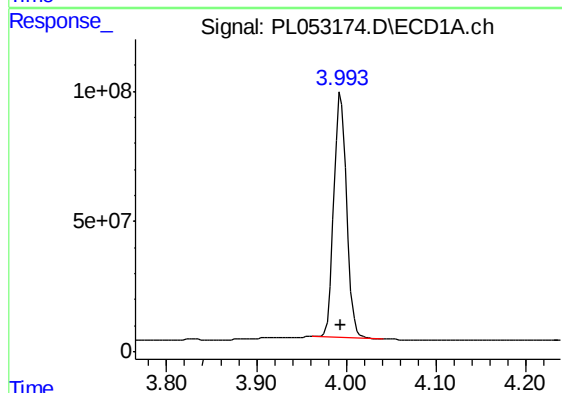
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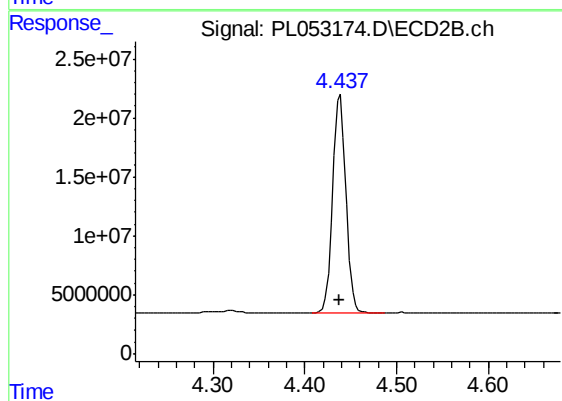
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 129527071  
Conc: 48.24 ng/ml



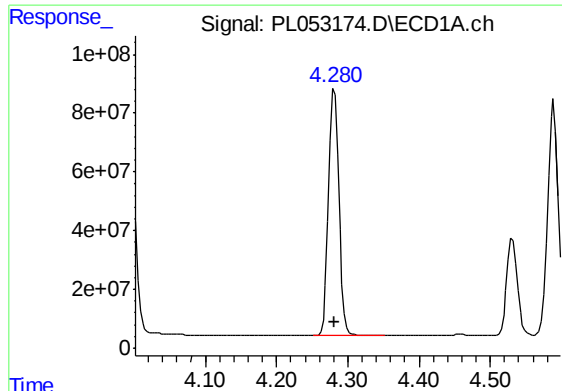
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 932659910  
Conc: 58.47 ng/ml



#2 alpha-BHC

R.T.: 4.439 min  
Delta R.T.: 0.000 min  
Response: 188139062  
Conc: 48.99 ng/ml



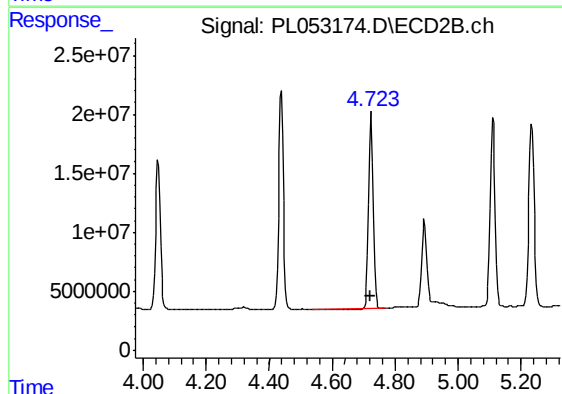
#3 gamma-BHC (Lindane)

R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 845388980  
Conc: 58.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

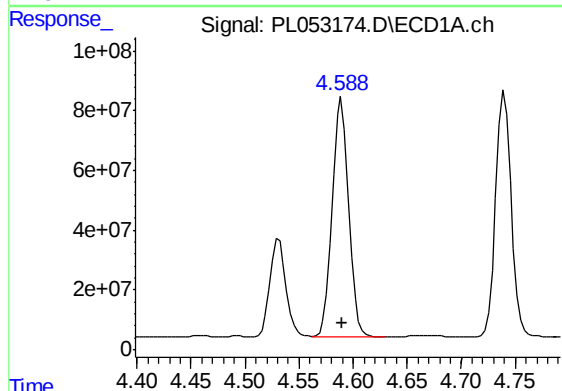
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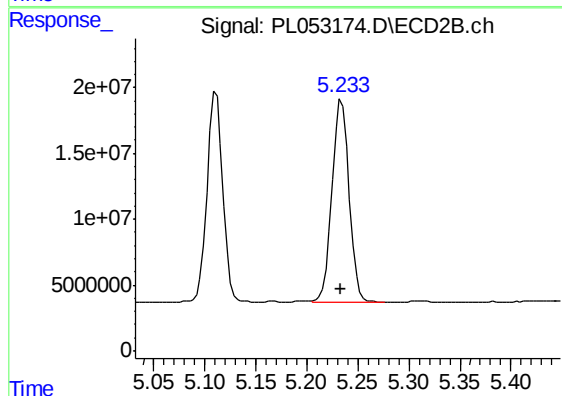
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.001 min  
Response: 172711669  
Conc: 47.69 ng/ml



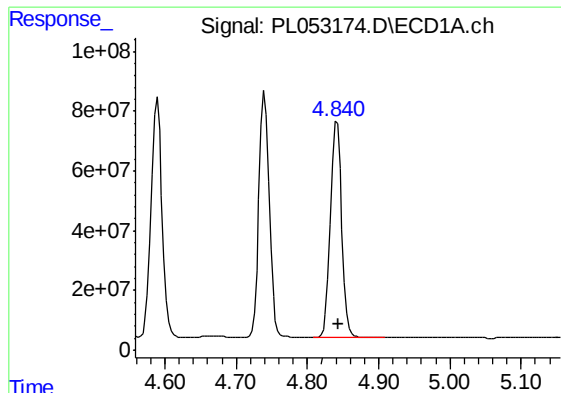
#4 Heptachlor

R.T.: 4.589 min  
Delta R.T.: 0.000 min  
Response: 853027177  
Conc: 57.09 ng/ml



#4 Heptachlor

R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 178345282  
Conc: 46.80 ng/ml



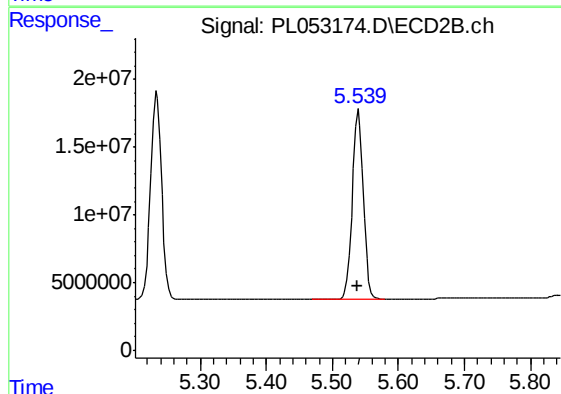
#5 Aldrin

R.T.: 4.841 min  
Delta R.T.: -0.001 min  
Response: 791098481  
Conc: 57.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

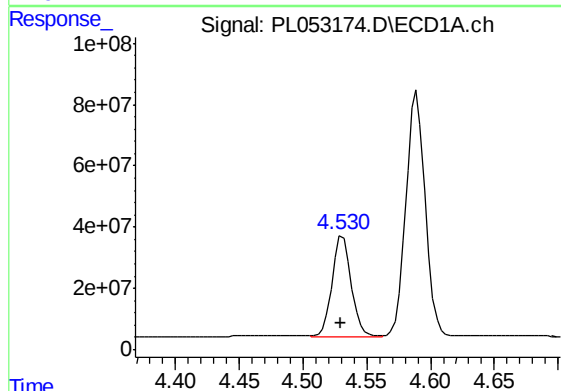
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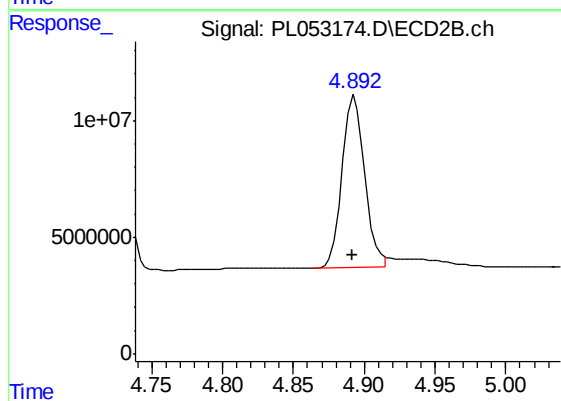
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.001 min  
Response: 162138688  
Conc: 46.78 ng/ml



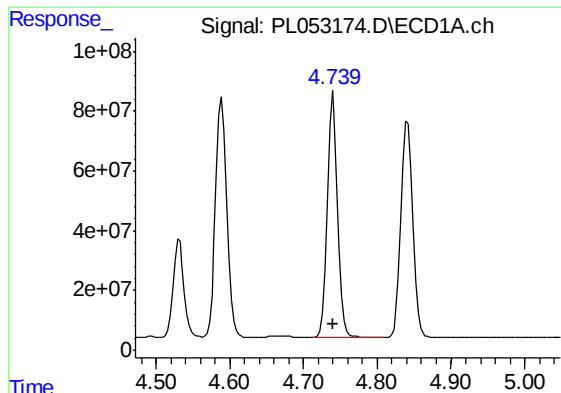
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.001 min  
Response: 340795007  
Conc: 54.89 ng/ml



#6 beta-BHC

R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 81823053  
Conc: 52.06 ng/ml m



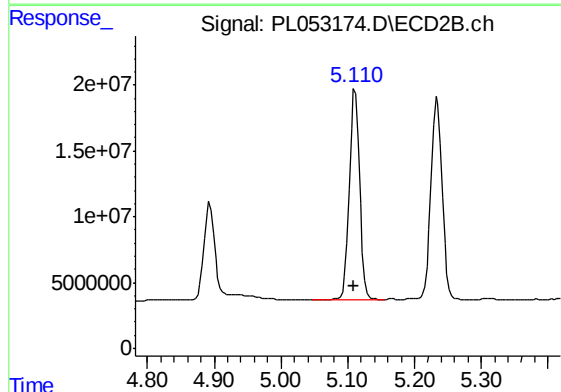
#7 delta-BHC

R.T.: 4.740 min  
Delta R.T.: 0.000 min  
Response: 827506057  
Conc: 57.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

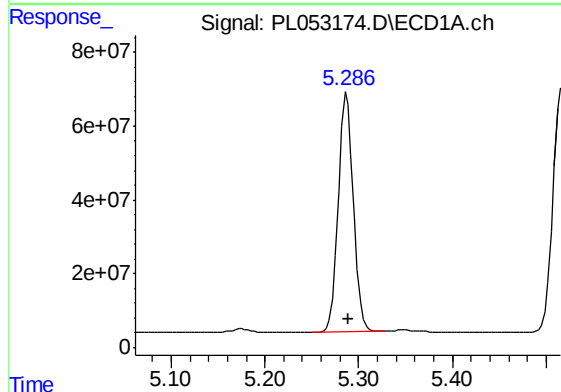
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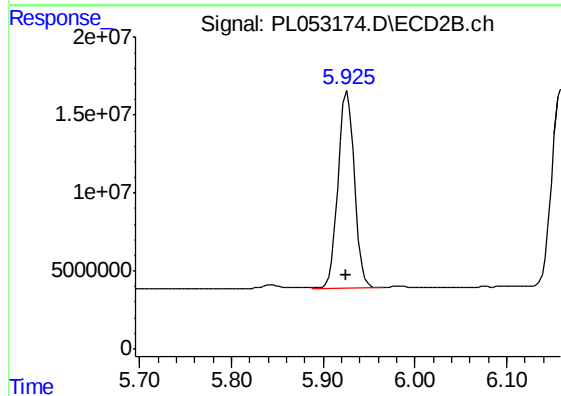
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: 0.002 min  
Response: 170185853  
Conc: 47.01 ng/ml



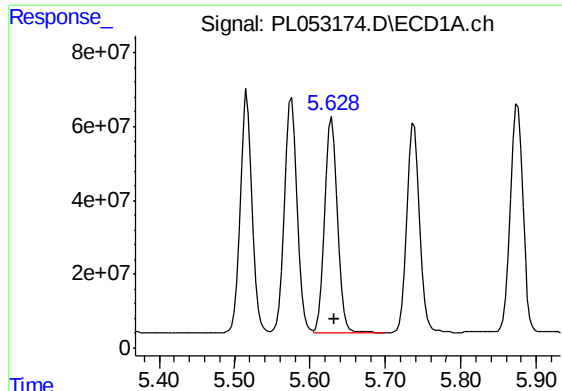
#8 Heptachlor epoxide

R.T.: 5.287 min  
Delta R.T.: -0.002 min  
Response: 727162867  
Conc: 55.80 ng/ml



#8 Heptachlor epoxide

R.T.: 5.926 min  
Delta R.T.: 0.001 min  
Response: 157396224  
Conc: 46.96 ng/ml



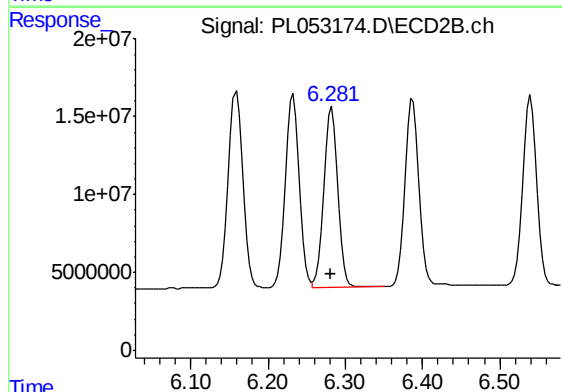
#9 Endosulfan I

R.T.: 5.629 min  
Delta R.T.: -0.002 min  
Response: 673235133  
Conc: 55.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

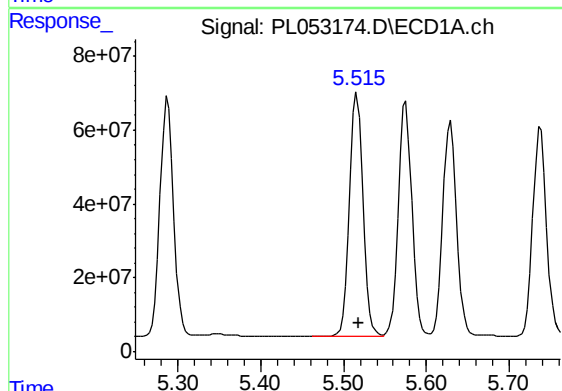
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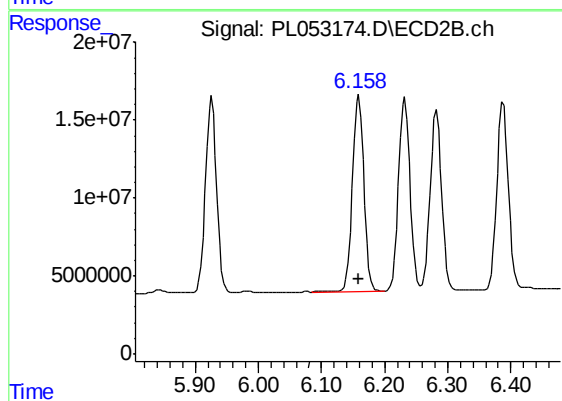
#9 Endosulfan I

R.T.: 6.283 min  
Delta R.T.: 0.001 min  
Response: 145079591  
Conc: 46.41 ng/ml



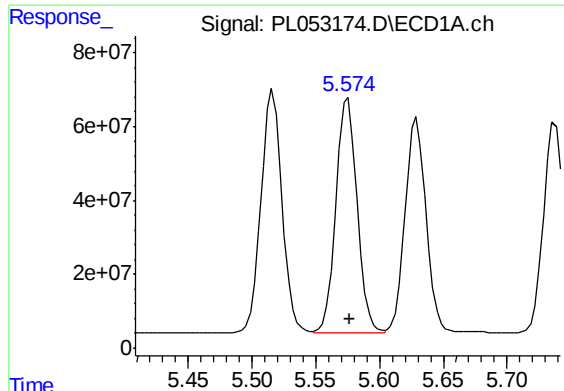
#10 gamma-Chlordane

R.T.: 5.516 min  
Delta R.T.: -0.001 min  
Response: 748391651  
Conc: 55.65 ng/ml



#10 gamma-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 157610172  
Conc: 46.59 ng/ml



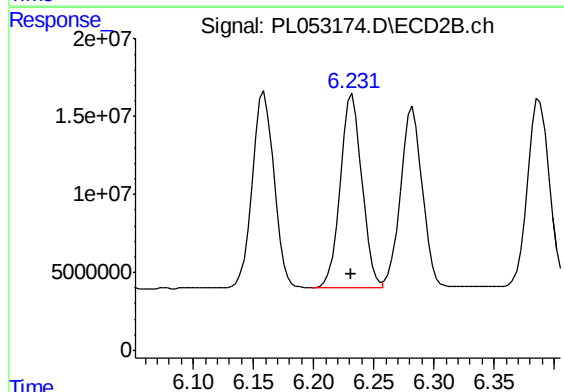
#11 alpha-Chlordane

R.T.: 5.575 min  
Delta R.T.: -0.001 min  
Response: 728632424  
Conc: 55.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

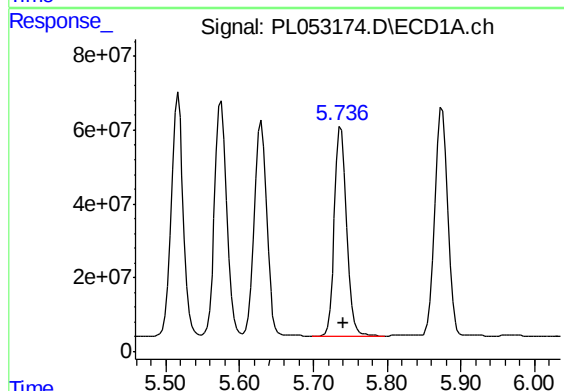
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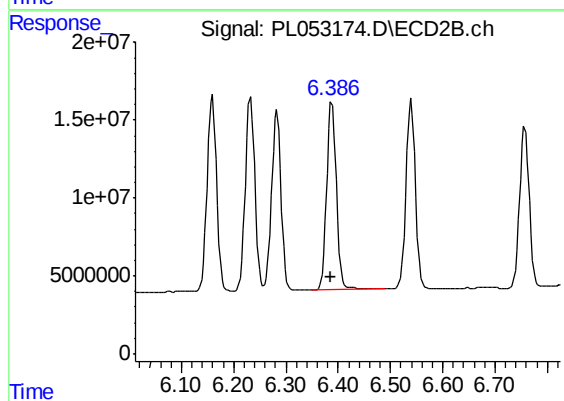
#11 alpha-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.001 min  
Response: 155390632  
Conc: 46.17 ng/ml



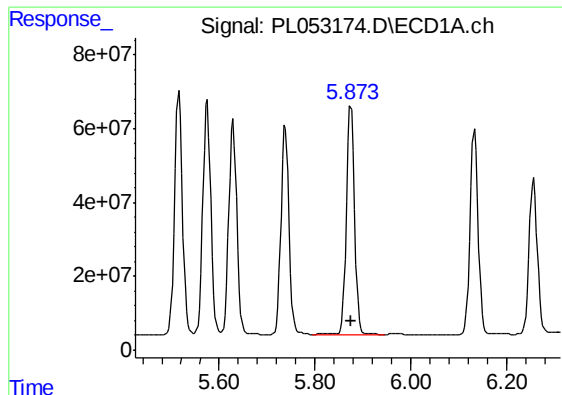
#12 4,4'-DDE

R.T.: 5.738 min  
Delta R.T.: -0.002 min  
Response: 654398215  
Conc: 56.38 ng/ml



#12 4,4'-DDE

R.T.: 6.388 min  
Delta R.T.: 0.001 min  
Response: 154845504  
Conc: 47.41 ng/ml



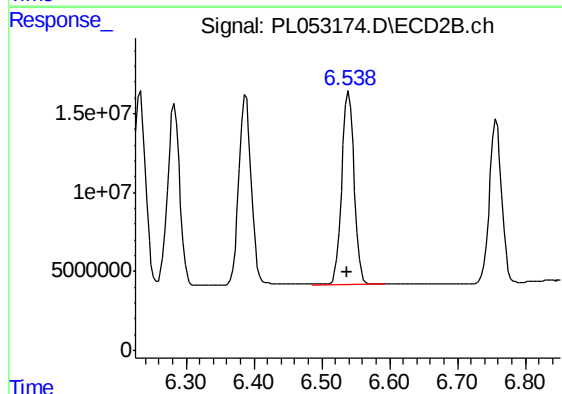
#13 Dieldrin

R.T.: 5.875 min  
Delta R.T.: -0.002 min  
Response: 732044199  
Conc: 56.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

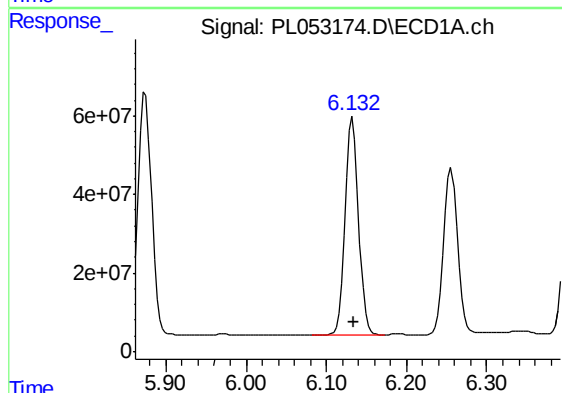
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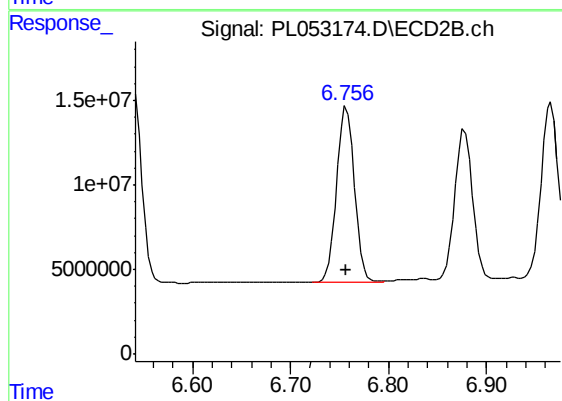
#13 Dieldrin

R.T.: 6.540 min  
Delta R.T.: 0.002 min  
Response: 152801907  
Conc: 46.84 ng/ml



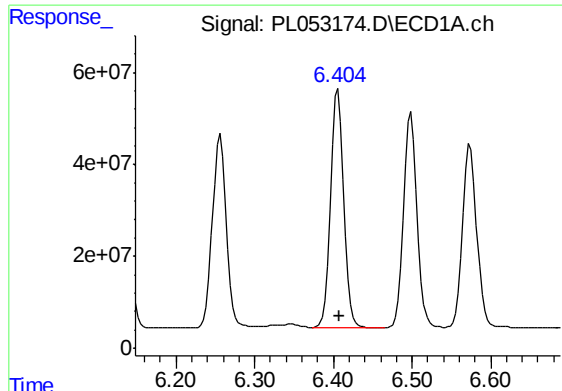
#14 Endrin

R.T.: 6.133 min  
Delta R.T.: -0.002 min  
Response: 649338603  
Conc: 57.01 ng/ml



#14 Endrin

R.T.: 6.757 min  
Delta R.T.: 0.001 min  
Response: 131355788  
Conc: 47.30 ng/ml



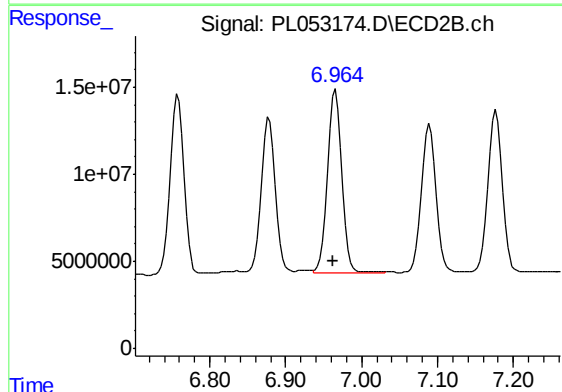
#15 Endosulfan II

R.T.: 6.406 min  
Delta R.T.: -0.003 min  
Response: 619738895  
Conc: 54.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

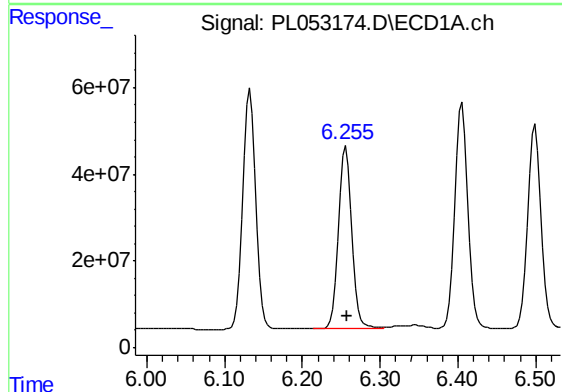
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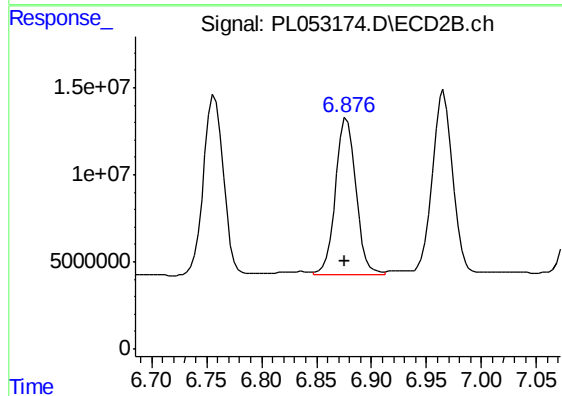
#15 Endosulfan II

R.T.: 6.966 min  
Delta R.T.: 0.003 min  
Response: 137695033  
Conc: 46.41 ng/ml



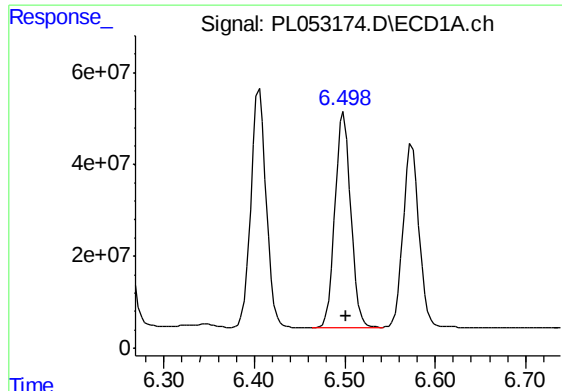
#16 4,4'-DDD

R.T.: 6.256 min  
Delta R.T.: -0.002 min  
Response: 511728359  
Conc: 56.93 ng/ml



#16 4,4'-DDD

R.T.: 6.878 min  
Delta R.T.: 0.002 min  
Response: 116155180  
Conc: 47.36 ng/ml



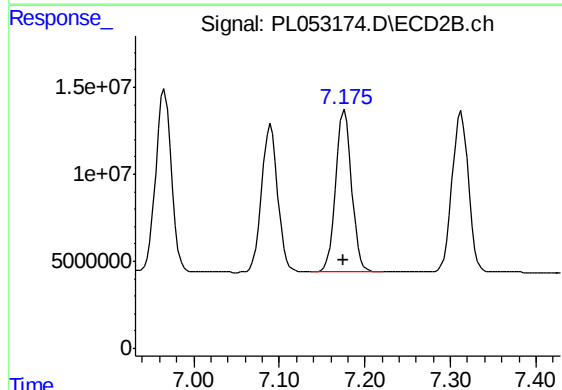
#17 4,4'-DDT

R.T.: 6.499 min  
Delta R.T.: -0.003 min  
Response: 568030948  
Conc: 55.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

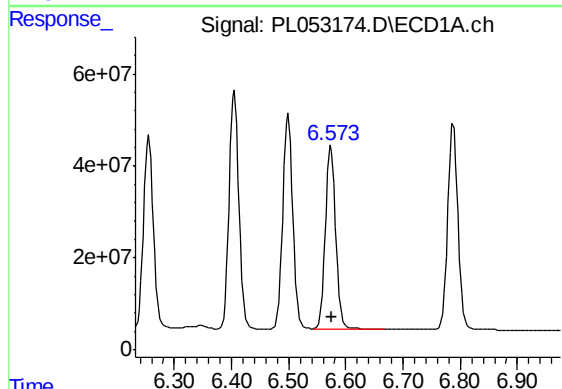
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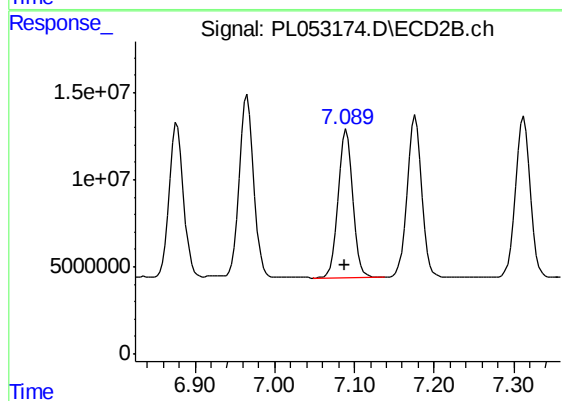
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.002 min  
Response: 120610501  
Conc: 46.34 ng/ml



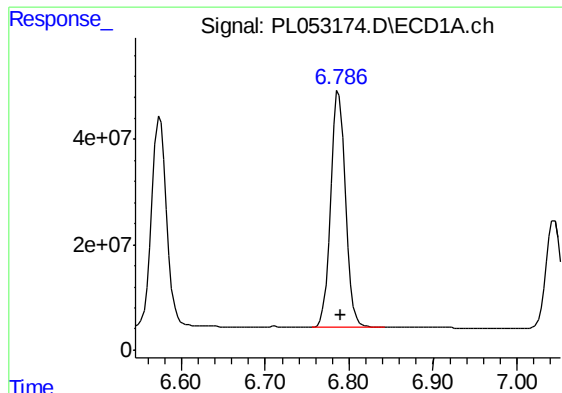
#18 Endrin aldehyde

R.T.: 6.574 min  
Delta R.T.: -0.002 min  
Response: 501793425  
Conc: 53.43 ng/ml



#18 Endrin aldehyde

R.T.: 7.090 min  
Delta R.T.: 0.002 min  
Response: 112902191  
Conc: 46.03 ng/ml



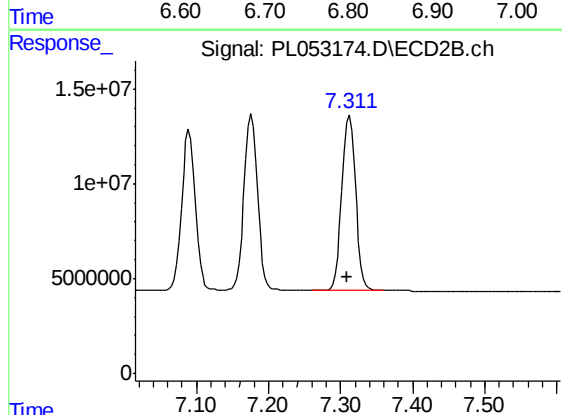
#19 Endosulfan Sulfate

R.T.: 6.788 min  
Delta R.T.: -0.003 min  
Response: 551368076  
Conc: 52.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

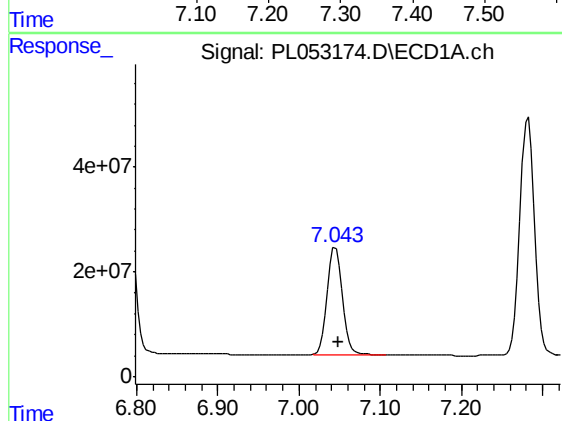
Manual Integrations  
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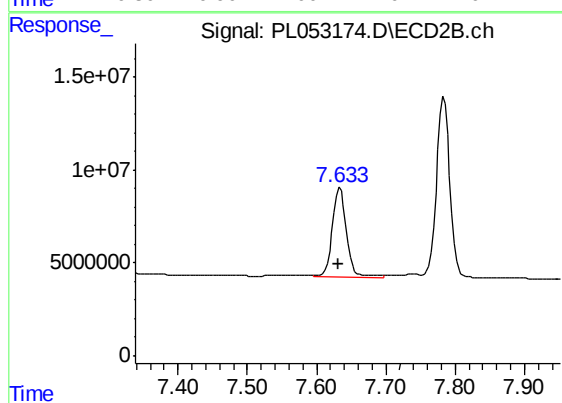
#19 Endosulfan Sulfate

R.T.: 7.313 min  
Delta R.T.: 0.003 min  
Response: 122127393  
Conc: 44.73 ng/ml



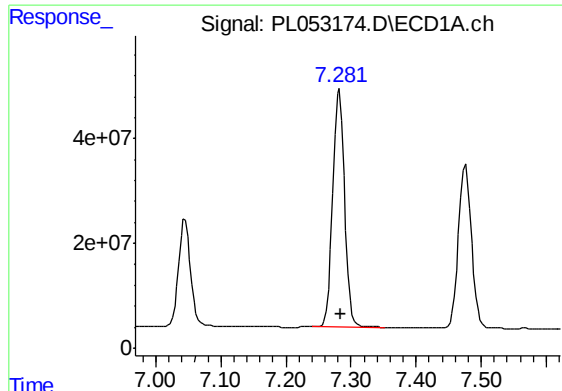
#20 Methoxychlor

R.T.: 7.045 min  
Delta R.T.: -0.004 min  
Response: 262174027  
Conc: 50.83 ng/ml



#20 Methoxychlor

R.T.: 7.634 min  
Delta R.T.: 0.003 min  
Response: 68660469  
Conc: 48.77 ng/ml



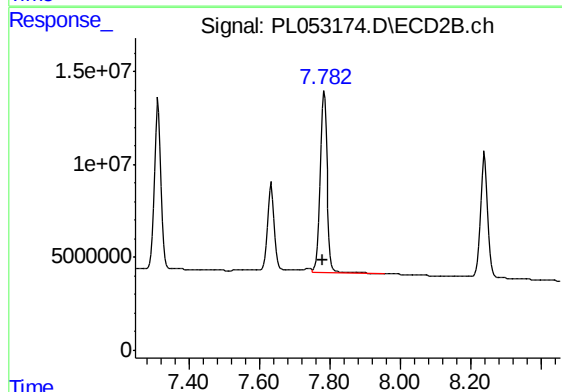
#21 Endrin ketone

R.T.: 7.282 min  
Delta R.T.: -0.002 min  
Response: 569460044  
Conc: 48.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

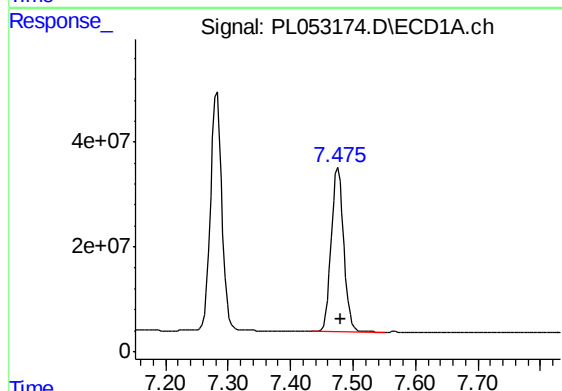
Manual Integrations  
APPROVED

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10/10/2019 10:40:37 AM



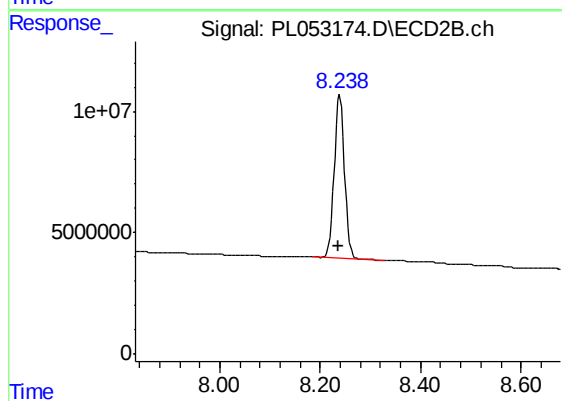
#21 Endrin ketone

R.T.: 7.784 min  
Delta R.T.: 0.003 min  
Response: 133196466  
Conc: 46.69 ng/ml



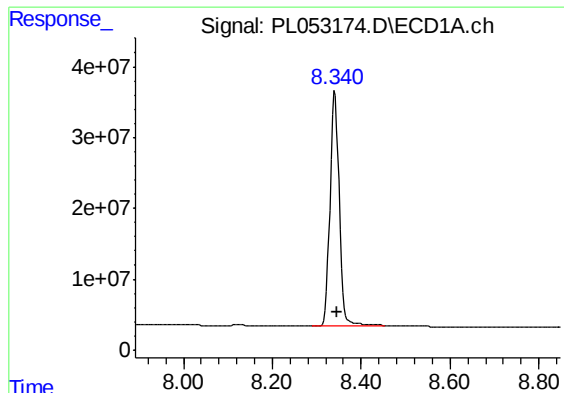
#22 Mirex

R.T.: 7.476 min  
Delta R.T.: -0.005 min  
Response: 431690028  
Conc: 45.71 ng/ml



#22 Mirex

R.T.: 8.239 min  
Delta R.T.: 0.002 min  
Response: 96656158  
Conc: 42.97 ng/ml



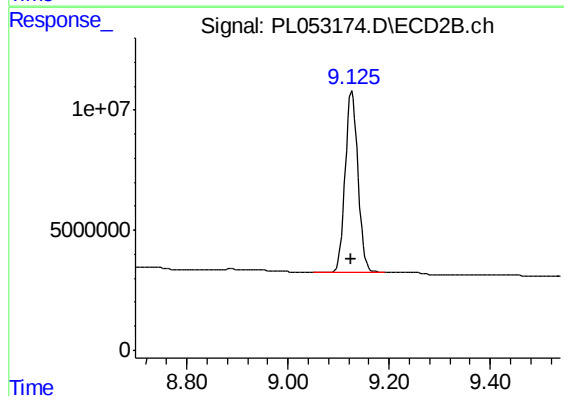
#28 Decachlorobiphenyl

R.T.: 8.341 min  
Delta R.T.: -0.004 min  
Response: 474453283  
Conc: 47.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.127 min  
Delta R.T.: 0.002 min  
Response: 130328830  
Conc: 44.42 ng/ml