

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092319\  
 Data File : PL052663.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2019 10:15  
 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: Sep 24 01:08:41 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 17 11:25:25 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... | 3.558 | 4.048 | 414.9E6 | 122.9E6  | 53.211  | 56.416  |
| 28)                         | SA Decachlor... | 8.359 | 9.128 | 391.7E6 | 125.3E6  | 44.794  | 52.317  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 4.001 | 4.439 | 692.9E6 | 176.7E6  | 57.632m | 57.813  |
| 3)                          | MA gamma-BHC... | 4.290 | 4.723 | 620.4E6 | 167.6E6  | 54.835  | 58.060m |
| 4)                          | MA Heptachlor   | 4.600 | 5.235 | 622.4E6 | 170.3E6  | 55.087  | 58.037  |
| 5)                          | MB Aldrin       | 4.853 | 5.541 | 580.9E6 | 155.4E6  | 53.794  | 58.687  |
| 6)                          | B beta-BHC      | 4.540 | 4.892 | 256.1E6 | 77277758 | 52.338  | 57.944m |
| 7)                          | B delta-BHC     | 4.750 | 5.111 | 610.1E6 | 161.4E6  | 53.989  | 56.363  |
| 8)                          | B Heptachlo...  | 5.300 | 5.927 | 531.5E6 | 145.8E6  | 52.022  | 55.580  |
| 9)                          | A Endosulfan I  | 5.643 | 6.284 | 501.8E6 | 129.2E6  | 51.437  | 55.406  |
| 10)                         | B gamma-Chl...  | 5.530 | 6.160 | 558.6E6 | 143.4E6  | 52.599  | 56.357  |
| 11)                         | B alpha-Chl...  | 5.589 | 6.234 | 545.2E6 | 140.1E6  | 52.742  | 56.090  |
| 12)                         | B 4,4'-DDE      | 5.753 | 6.389 | 499.3E6 | 141.8E6  | 53.504  | 58.151  |
| 13)                         | MA Dieldrin     | 5.888 | 6.541 | 544.8E6 | 139.3E6  | 52.557  | 57.057  |
| 14)                         | MA Endrin       | 6.147 | 6.759 | 447.8E6 | 105.5E6  | 54.162  | 54.490  |
| 15)                         | B Endosulfa...  | 6.420 | 6.967 | 469.5E6 | 122.4E6  | 48.407  | 54.817  |
| 16)                         | A 4,4'-DDD      | 6.271 | 6.878 | 409.8E6 | 106.7E6  | 53.500  | 57.949  |
| 17)                         | MA 4,4'-DDT     | 6.514 | 7.178 | 414.0E6 | 103.2E6  | 53.344  | 56.411  |
| 18)                         | B Endrin al...  | 6.589 | 7.090 | 383.7E6 | 101.1E6  | 49.630  | 54.474  |
| 19)                         | B Endosulfa...  | 6.803 | 7.314 | 397.6E6 | 109.1E6  | 47.927  | 53.105  |
| 20)                         | A Methoxychlor  | 7.062 | 7.634 | 205.4E6 | 55011160 | 50.801  | 54.288  |
| 21)                         | B Endrin ke...  | 7.297 | 7.784 | 474.6E6 | 114.5E6  | 45.708  | 51.572  |
| 22)                         | Mirex           | 7.493 | 8.240 | 344.5E6 | 84275068 | 45.040  | 49.242  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092319\  
Data File : PL052663.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2019 10:15  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

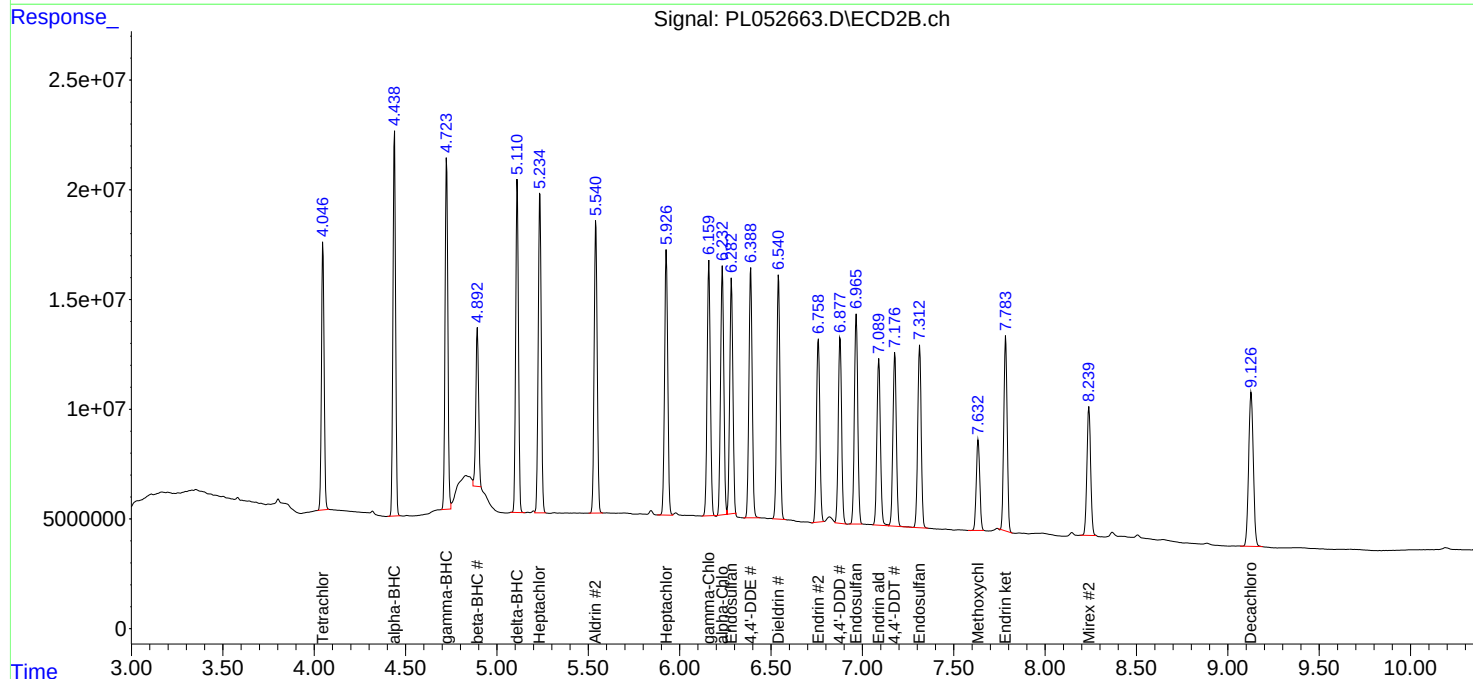
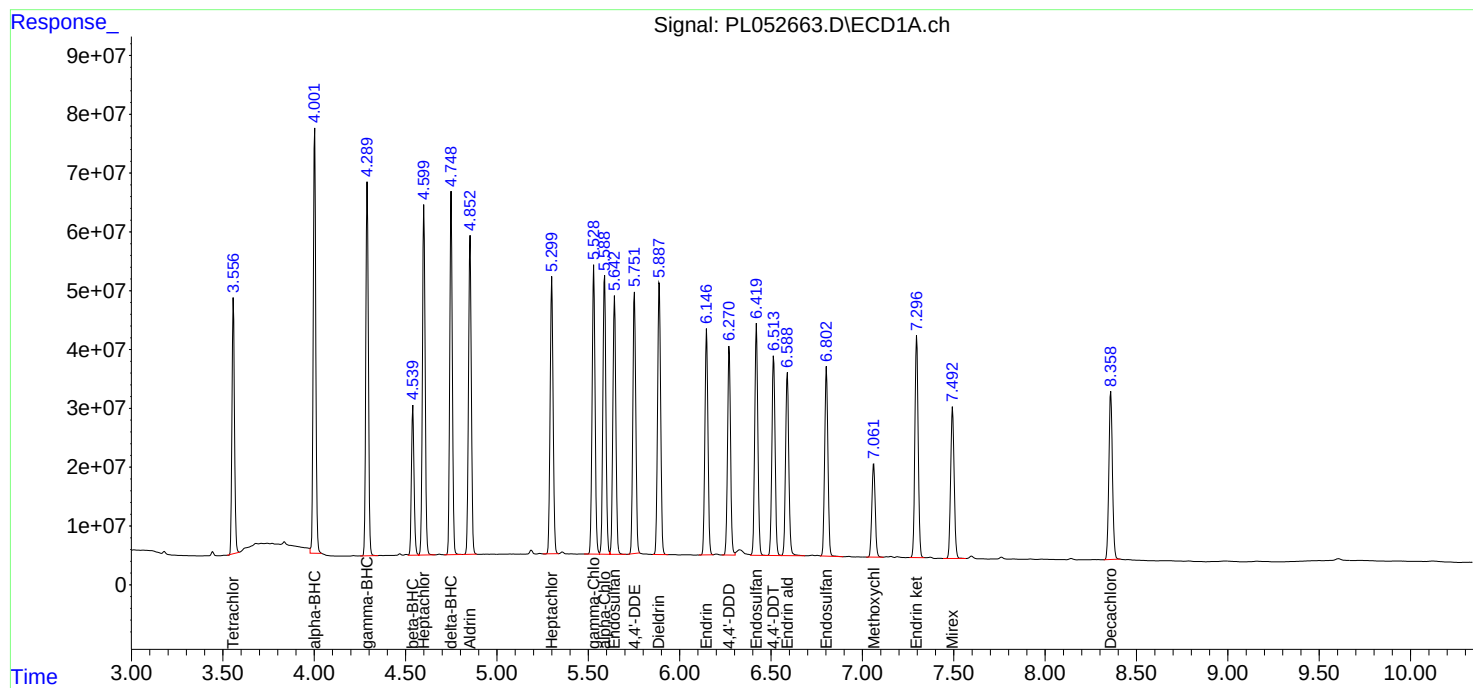
Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

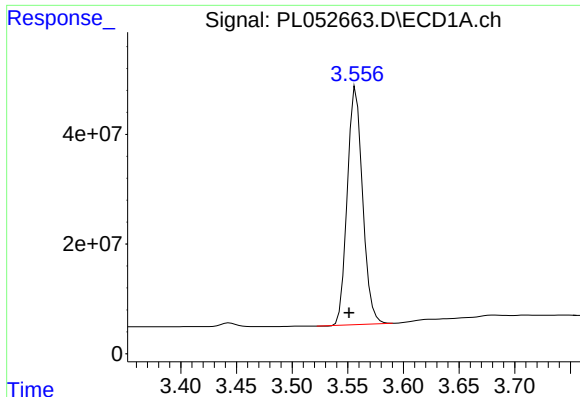
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 24 01:08:41 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 17 11:25:25 2019  
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





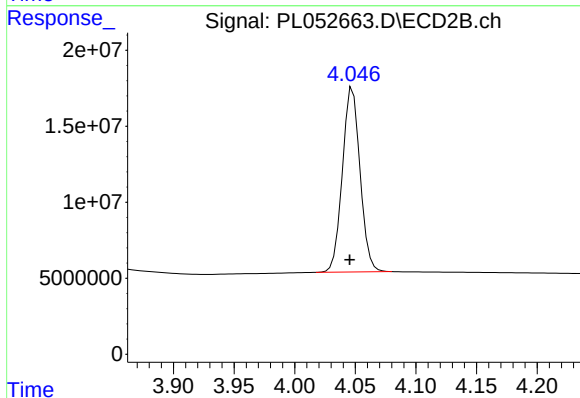
#1 Tetrachloro-m-xylene

R.T.: 3.558 min  
Delta R.T.: 0.007 min  
Response: 414925869  
Conc: 53.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

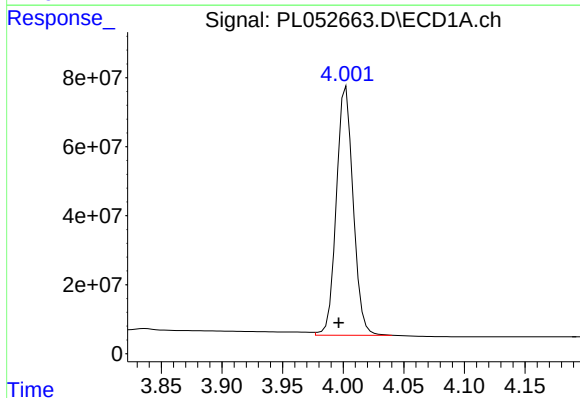
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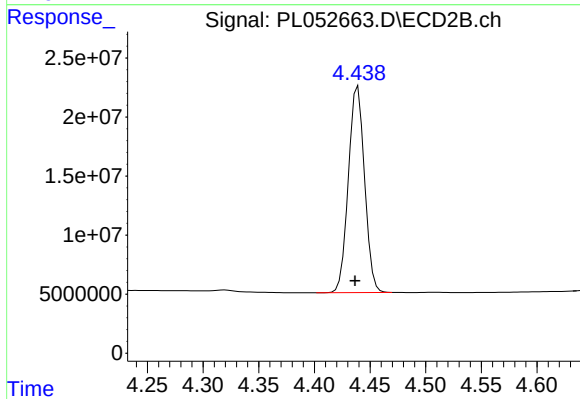
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.002 min  
Response: 122928155  
Conc: 56.42 ng/ml



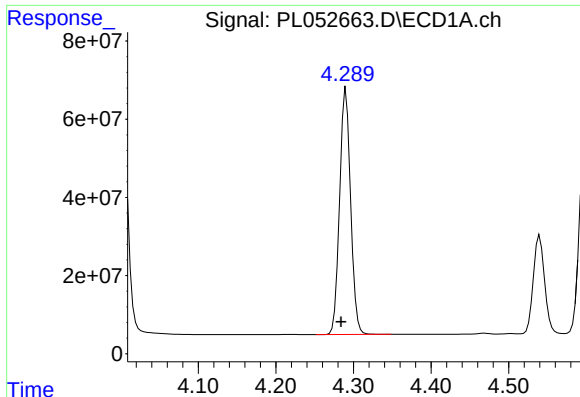
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.005 min  
Response: 692884945  
Conc: 57.63 ng/ml m



#2 alpha-BHC

R.T.: 4.439 min  
Delta R.T.: 0.003 min  
Response: 176712258  
Conc: 57.81 ng/ml



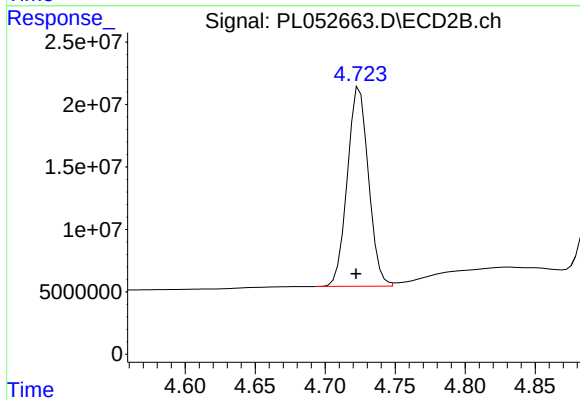
#3 gamma-BHC (Lindane)

R.T.: 4.290 min  
Delta R.T.: 0.007 min  
Response: 620421481  
Conc: 54.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

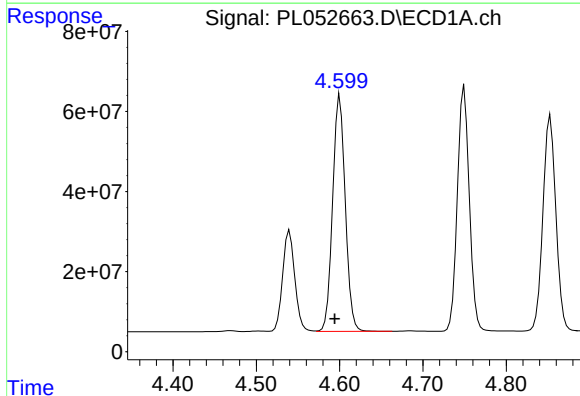
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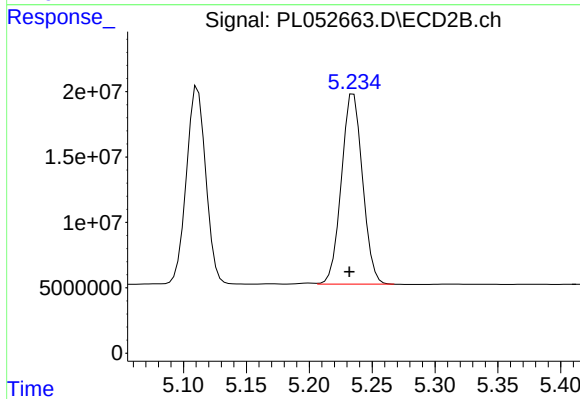
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.001 min  
Response: 167649241  
Conc: 58.06 ng/ml m



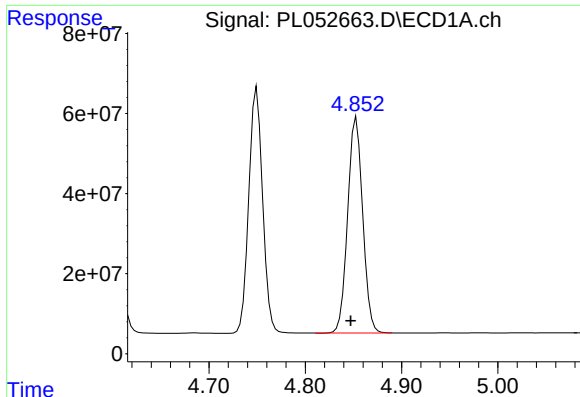
#4 Heptachlor

R.T.: 4.600 min  
Delta R.T.: 0.006 min  
Response: 622436964  
Conc: 55.09 ng/ml



#4 Heptachlor

R.T.: 5.235 min  
Delta R.T.: 0.003 min  
Response: 170326913  
Conc: 58.04 ng/ml



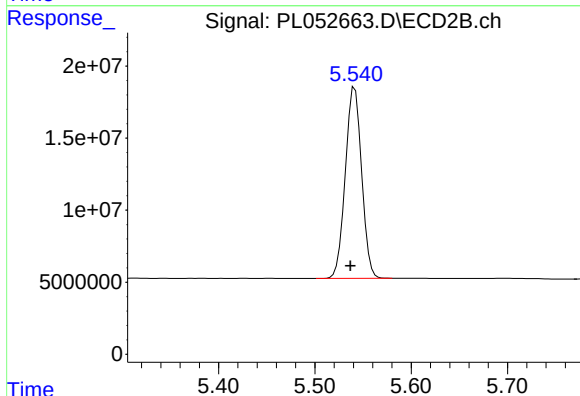
#5 Aldrin

R.T.: 4.853 min  
Delta R.T.: 0.006 min  
Response: 580900534  
Conc: 53.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

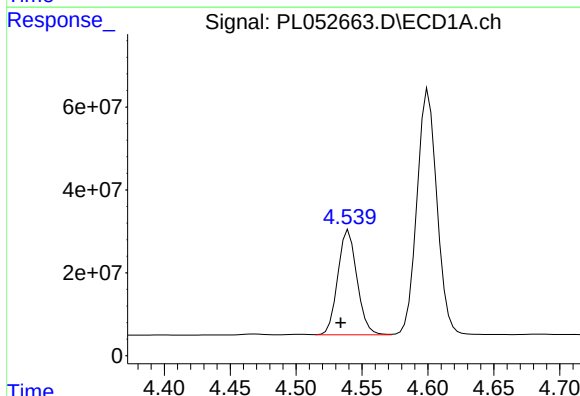
Manual Integrations  
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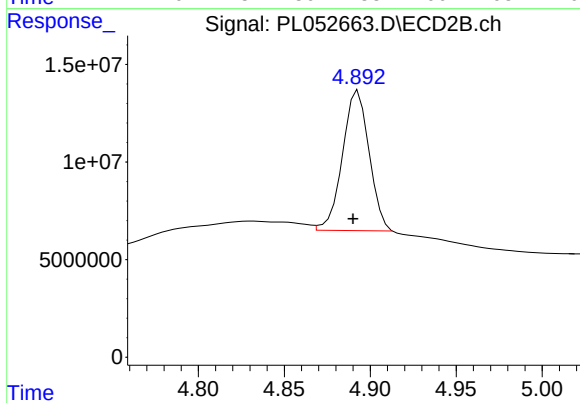
#5 Aldrin

R.T.: 5.541 min  
Delta R.T.: 0.004 min  
Response: 155447044  
Conc: 58.69 ng/ml



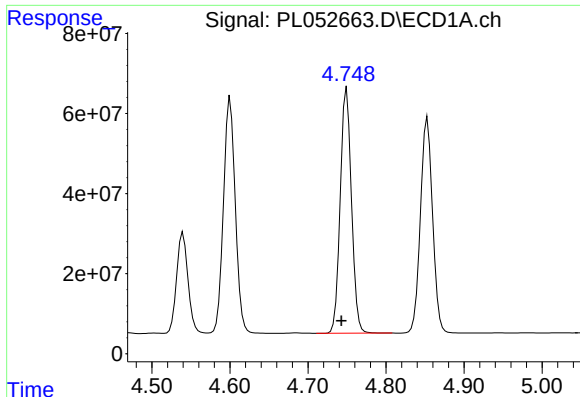
#6 beta-BHC

R.T.: 4.540 min  
Delta R.T.: 0.006 min  
Response: 256132004  
Conc: 52.34 ng/ml



#6 beta-BHC

R.T.: 4.892 min  
Delta R.T.: 0.002 min  
Response: 77277758  
Conc: 57.94 ng/ml m



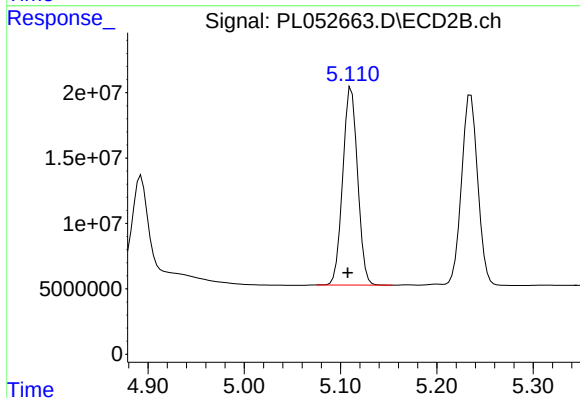
#7 delta-BHC

R.T.: 4.750 min  
Delta R.T.: 0.007 min  
Response: 610097855  
Conc: 53.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

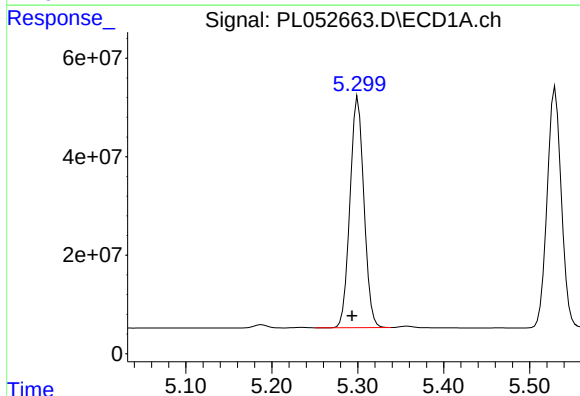
Manual Integrations  
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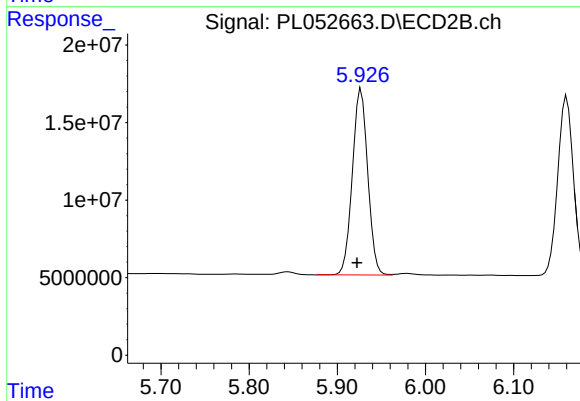
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: 0.004 min  
Response: 161357916  
Conc: 56.36 ng/ml



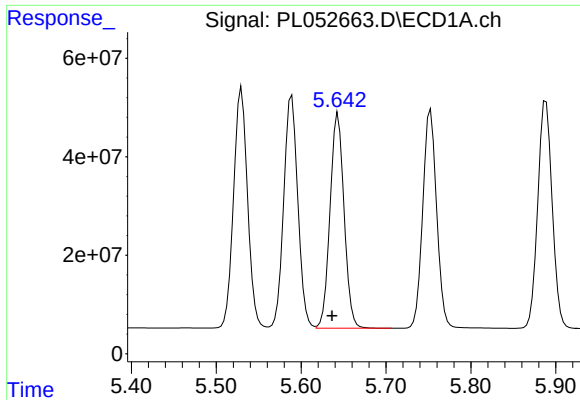
#8 Heptachlor epoxide

R.T.: 5.300 min  
Delta R.T.: 0.007 min  
Response: 531525283  
Conc: 52.02 ng/ml



#8 Heptachlor epoxide

R.T.: 5.927 min  
Delta R.T.: 0.005 min  
Response: 145756387  
Conc: 55.58 ng/ml



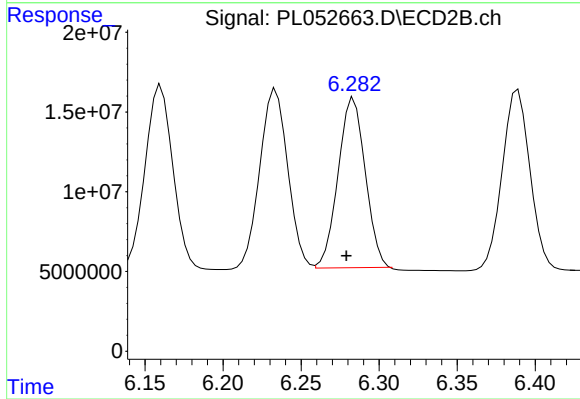
#9 Endosulfan I

R.T.: 5.643 min  
Delta R.T.: 0.007 min  
Response: 501799078  
Conc: 51.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

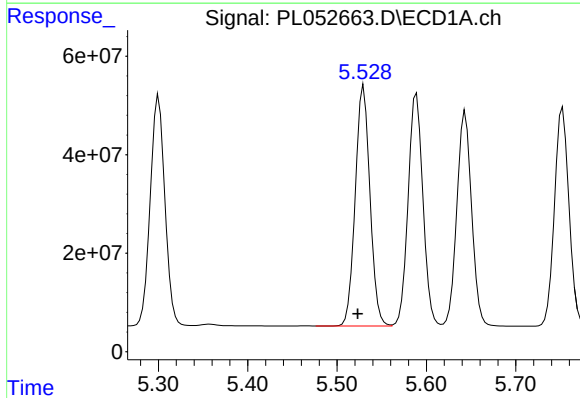
Manual Integrations  
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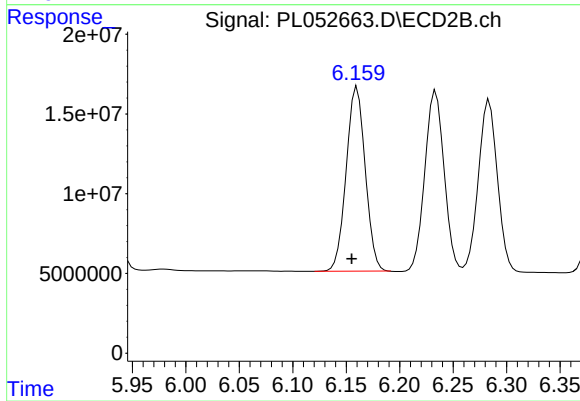
#9 Endosulfan I

R.T.: 6.284 min  
Delta R.T.: 0.005 min  
Response: 129163087  
Conc: 55.41 ng/ml



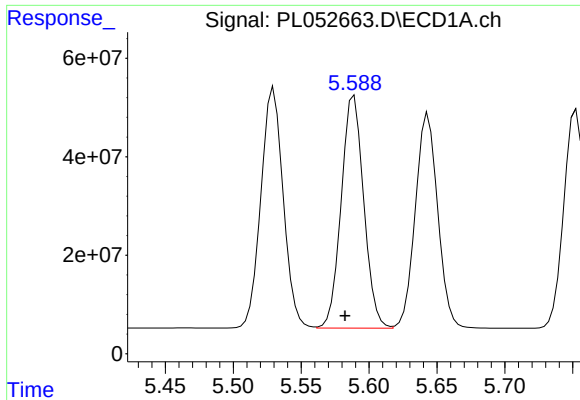
#10 gamma-Chlordane

R.T.: 5.530 min  
Delta R.T.: 0.007 min  
Response: 558607090  
Conc: 52.60 ng/ml



#10 gamma-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.005 min  
Response: 143371679  
Conc: 56.36 ng/ml



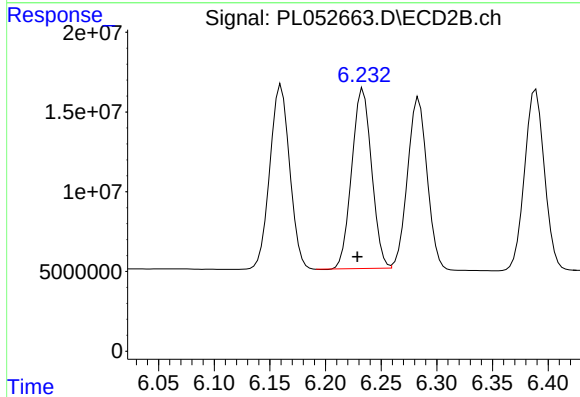
#11 alpha-Chlordane

R.T.: 5.589 min  
Delta R.T.: 0.007 min  
Response: 545204840  
Conc: 52.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

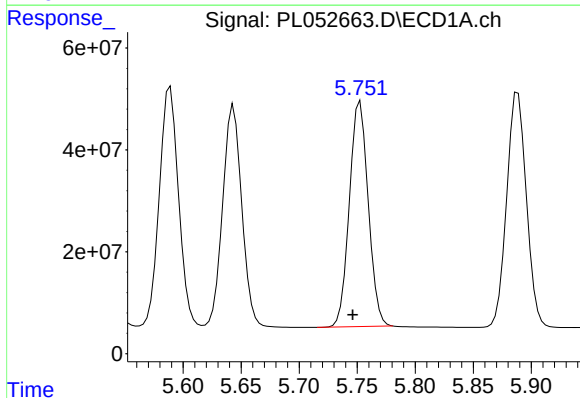
Manual Integrations  
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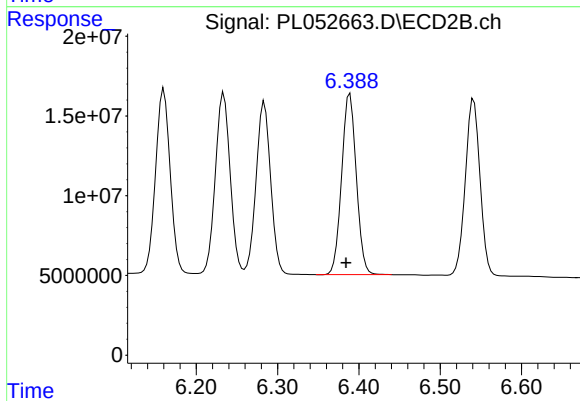
#11 alpha-Chlordane

R.T.: 6.234 min  
Delta R.T.: 0.005 min  
Response: 140116311  
Conc: 56.09 ng/ml



#12 4,4'-DDE

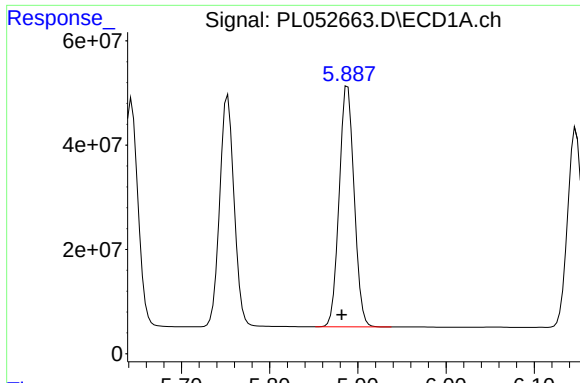
R.T.: 5.753 min  
Delta R.T.: 0.007 min  
Response: 499250812  
Conc: 53.50 ng/ml



#12 4,4'-DDE

R.T.: 6.389 min  
Delta R.T.: 0.005 min  
Response: 141772894  
Conc: 58.15 ng/ml





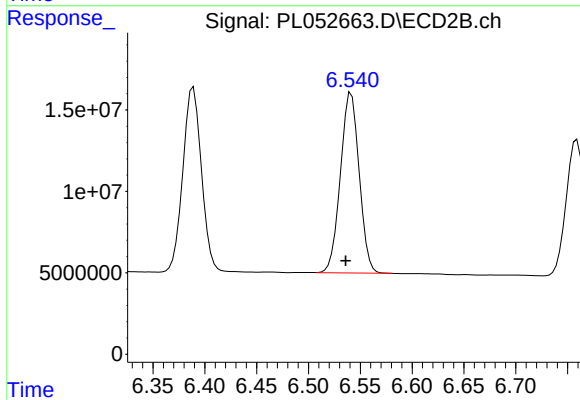
#13 Dieldrin

R.T.: 5.888 min  
Delta R.T.: 0.007 min  
Response: 544808726  
Conc: 52.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

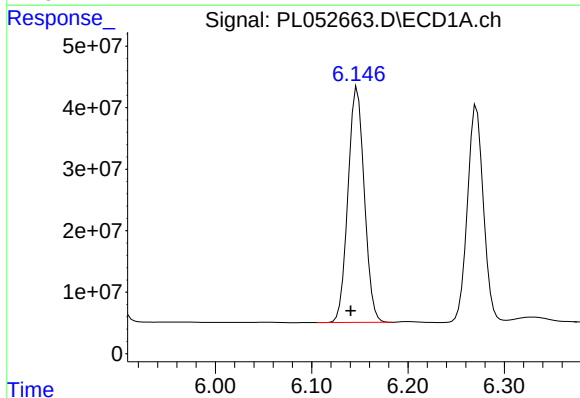
Manual Integrations  
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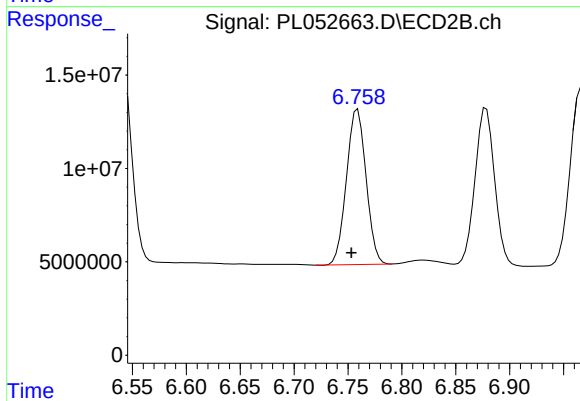
#13 Dieldrin

R.T.: 6.541 min  
Delta R.T.: 0.005 min  
Response: 139337406  
Conc: 57.06 ng/ml



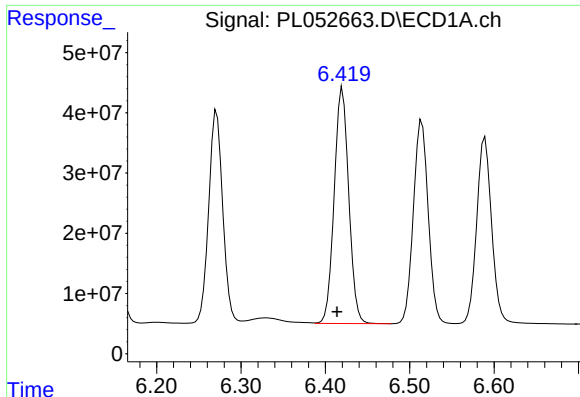
#14 Endrin

R.T.: 6.147 min  
Delta R.T.: 0.007 min  
Response: 447794777  
Conc: 54.16 ng/ml



#14 Endrin

R.T.: 6.759 min  
Delta R.T.: 0.006 min  
Response: 105470472  
Conc: 54.49 ng/ml



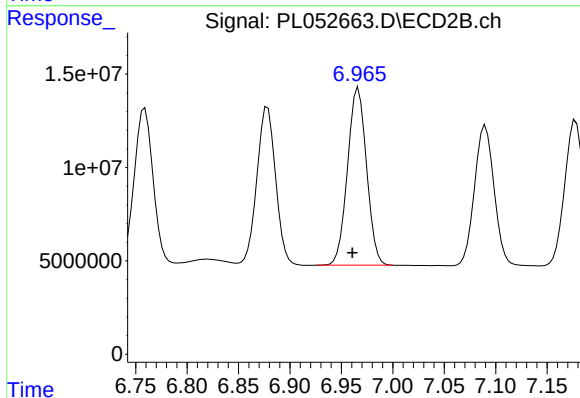
#15 Endosulfan II

R.T.: 6.420 min  
Delta R.T.: 0.006 min  
Response: 469539692  
Conc: 48.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

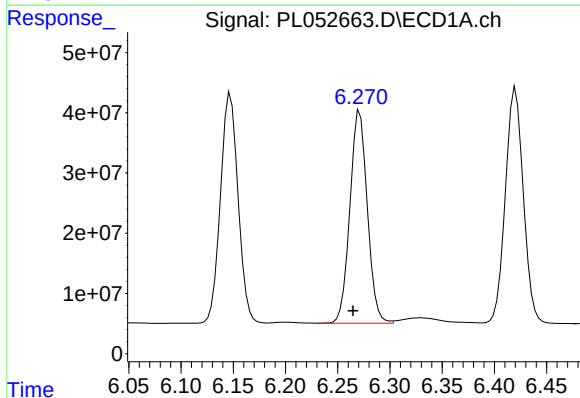
Manual Integrations  
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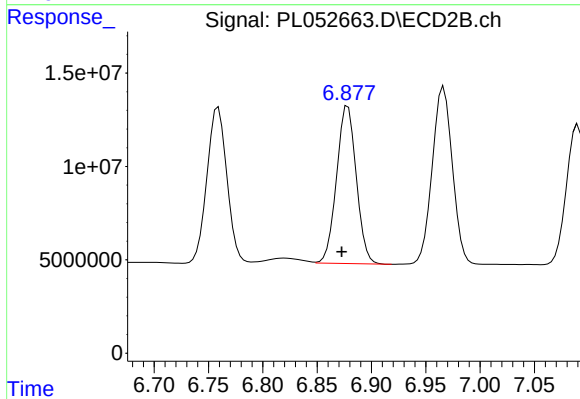
#15 Endosulfan II

R.T.: 6.967 min  
Delta R.T.: 0.006 min  
Response: 122361144  
Conc: 54.82 ng/ml



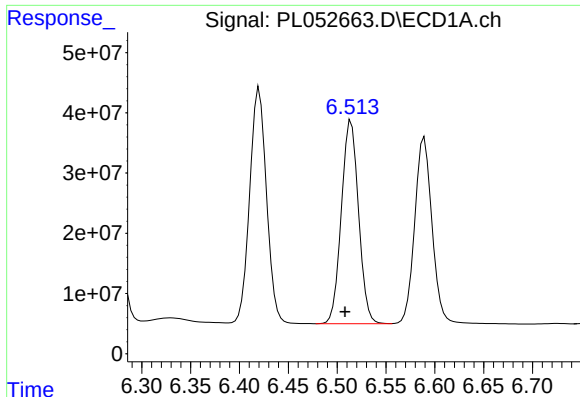
#16 4,4'-DDD

R.T.: 6.271 min  
Delta R.T.: 0.007 min  
Response: 409754743  
Conc: 53.50 ng/ml



#16 4,4'-DDD

R.T.: 6.878 min  
Delta R.T.: 0.006 min  
Response: 106730777  
Conc: 57.95 ng/ml



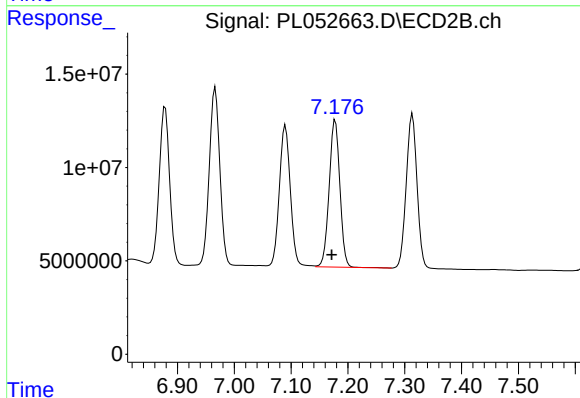
#17 4,4'-DDT

R.T.: 6.514 min  
Delta R.T.: 0.006 min  
Response: 414019426  
Conc: 53.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

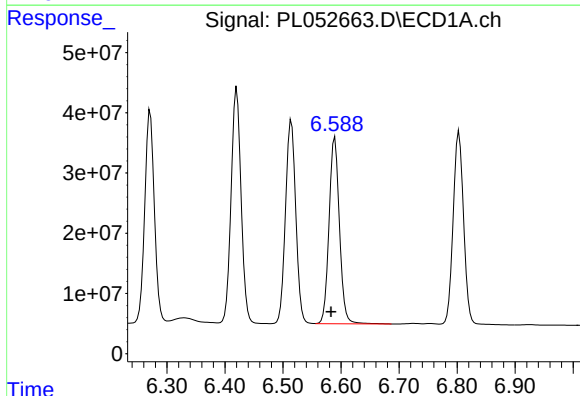
Manual Integrations  
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9/24/2019 12:21:03 PM



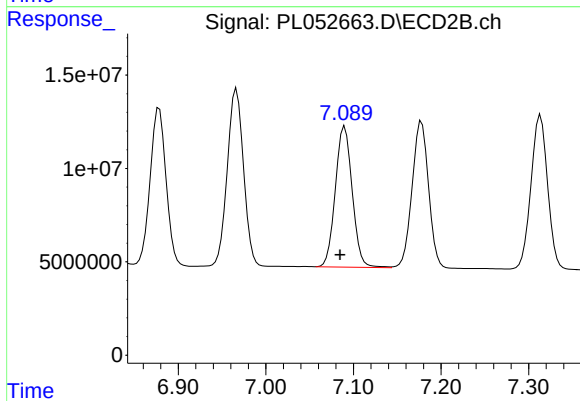
#17 4,4'-DDT

R.T.: 7.178 min  
Delta R.T.: 0.006 min  
Response: 103179737  
Conc: 56.41 ng/ml



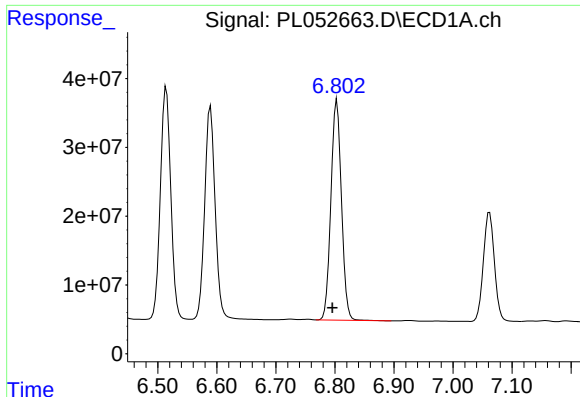
#18 Endrin aldehyde

R.T.: 6.589 min  
Delta R.T.: 0.006 min  
Response: 383728294  
Conc: 49.63 ng/ml



#18 Endrin aldehyde

R.T.: 7.090 min  
Delta R.T.: 0.005 min  
Response: 101051109  
Conc: 54.47 ng/ml



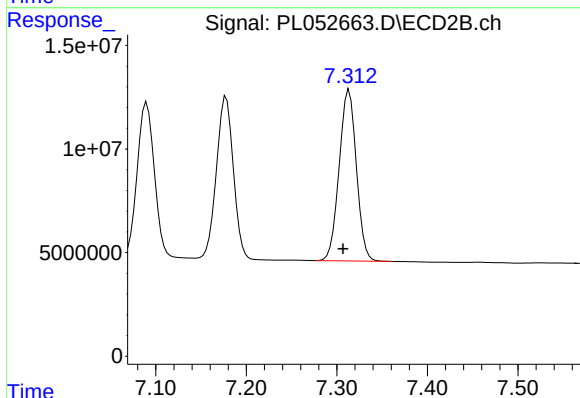
#19 Endosulfan Sulfate

R.T.: 6.803 min  
Delta R.T.: 0.007 min  
Response: 397550206  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

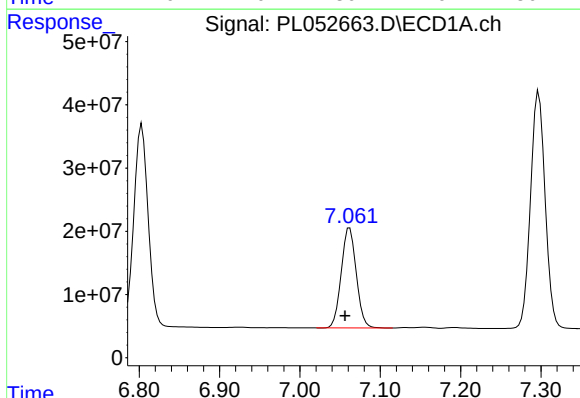
Manual Integrations  
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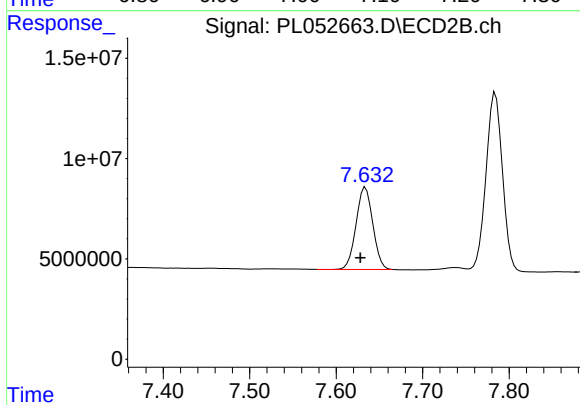
#19 Endosulfan Sulfate

R.T.: 7.314 min  
Delta R.T.: 0.007 min  
Response: 109071823  
Conc: 53.10 ng/ml



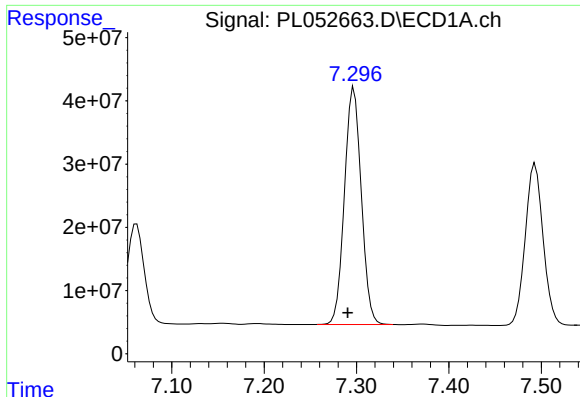
#20 Methoxychlor

R.T.: 7.062 min  
Delta R.T.: 0.006 min  
Response: 205391418  
Conc: 50.80 ng/ml



#20 Methoxychlor

R.T.: 7.634 min  
Delta R.T.: 0.006 min  
Response: 55011160  
Conc: 54.29 ng/ml



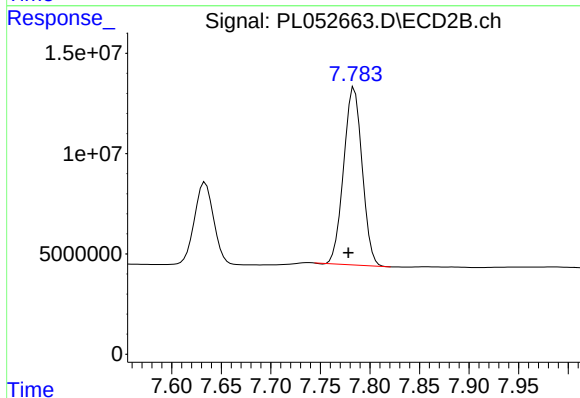
#21 Endrin ketone

R.T.: 7.297 min  
Delta R.T.: 0.007 min  
Response: 474594638  
Conc: 45.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

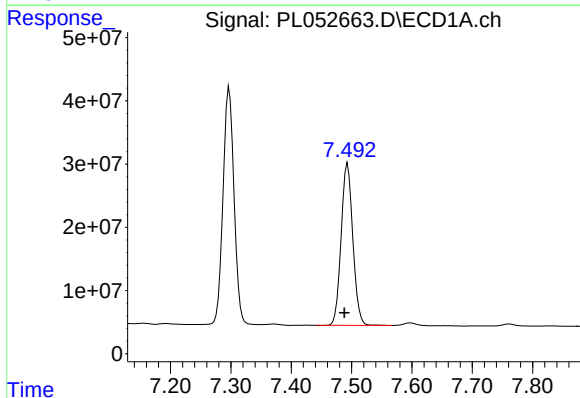
Manual Integrations  
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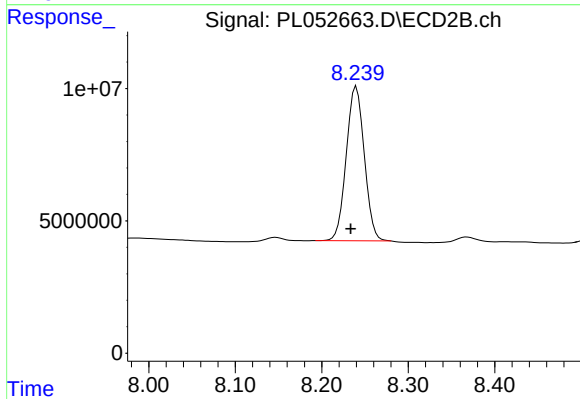
#21 Endrin ketone

R.T.: 7.784 min  
Delta R.T.: 0.006 min  
Response: 114527403  
Conc: 51.57 ng/ml



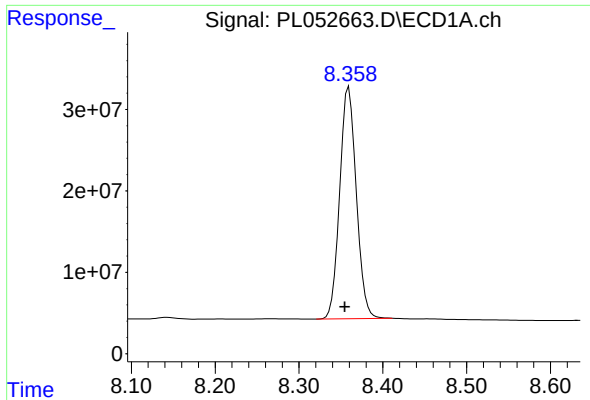
#22 Mirex

R.T.: 7.493 min  
Delta R.T.: 0.006 min  
Response: 344454341  
Conc: 45.04 ng/ml



#22 Mirex

R.T.: 8.240 min  
Delta R.T.: 0.006 min  
Response: 84275068  
Conc: 49.24 ng/ml



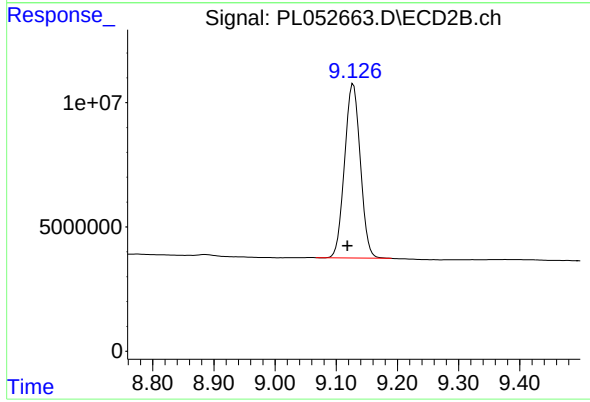
#28 Decachlorobiphenyl

R.T.: 8.359 min  
Delta R.T.: 0.005 min  
Response: 391701440  
Conc: 44.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.128 min  
Delta R.T.: 0.009 min  
Response: 125281353  
Conc: 52.32 ng/ml