

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101919\  
 Data File : PL053453.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2019 17:32  
 Operator : SG\AJ  
 Sample : PB124066BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB124066BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 01:07:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.544 | 4.046 | 168.9E6 | 41341899 | 15.585  | 16.521  |
| 28)                         | SA Decachlor... | 8.334 | 9.127 | 180.3E6 | 48262467 | 18.375  | 17.139  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.987 | 4.437 | 726.4E6 | 147.9E6  | 41.662m | 42.768  |
| 3)                          | MA gamma-BHC... | 4.275 | 4.723 | 661.4E6 | 130.2E6  | 42.470  | 40.423  |
| 4)                          | MA Heptachlor   | 4.583 | 5.233 | 677.6E6 | 140.0E6  | 42.936  | 43.464  |
| 5)                          | MB Aldrin       | 4.834 | 5.538 | 638.7E6 | 134.5E6  | 44.677  | 45.113  |
| 6)                          | B beta-BHC      | 4.525 | 4.892 | 278.9E6 | 63433578 | 42.327  | 41.067  |
| 7)                          | B delta-BHC     | 4.734 | 5.108 | 599.9E6 | 125.4E6  | 39.414  | 41.522m |
| 8)                          | B Heptachlor... | 5.280 | 5.924 | 591.1E6 | 126.1E6  | 43.786  | 43.252  |
| 9)                          | A Endosulfan I  | 5.622 | 6.281 | 534.9E6 | 119.4E6  | 43.513  | 44.050  |
| 10)                         | B gamma-Chl...  | 5.509 | 6.159 | 582.0E6 | 127.1E6  | 42.657  | 43.561  |
| 11)                         | B alpha-Chl...  | 5.568 | 6.231 | 564.3E6 | 127.5E6  | 42.421  | 43.671  |
| 12)                         | B 4,4'-DDE      | 5.730 | 6.387 | 514.8E6 | 124.5E6  | 43.325  | 44.217  |
| 13)                         | MA Dieldrin     | 5.867 | 6.538 | 569.7E6 | 127.3E6  | 43.708  | 44.622  |
| 14)                         | MA Endrin       | 6.126 | 6.756 | 496.5E6 | 105.0E6  | 42.837  | 43.275  |
| 15)                         | B Endosulfa...  | 6.398 | 6.965 | 478.5E6 | 117.6E6  | 42.794  | 46.030  |
| 16)                         | A 4,4'-DDD      | 6.249 | 6.877 | 403.2E6 | 96187655 | 45.299  | 46.156  |
| 17)                         | MA 4,4'-DDT     | 6.492 | 7.176 | 431.4E6 | 104.9E6  | 43.546  | 45.358  |
| 18)                         | B Endrin al...  | 6.567 | 7.089 | 395.9E6 | 101.4E6  | 43.178  | 46.141  |
| 19)                         | B Endosulfa...  | 6.781 | 7.311 | 461.8E6 | 112.5E6  | 45.400  | 45.834  |
| 20)                         | A Methoxychlor  | 7.037 | 7.634 | 212.8E6 | 55960742 | 43.153  | 43.083  |
| 21)                         | B Endrin ke...  | 7.276 | 7.783 | 512.0E6 | 118.5E6  | 47.564  | 45.945  |
| 22)                         | Mirex           | 7.469 | 8.239 | 379.8E6 | 92038669 | 44.400  | 45.495  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101919\  
Data File : PL053453.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2019 17:32  
Operator : SG\AJ  
Sample : PB124066BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

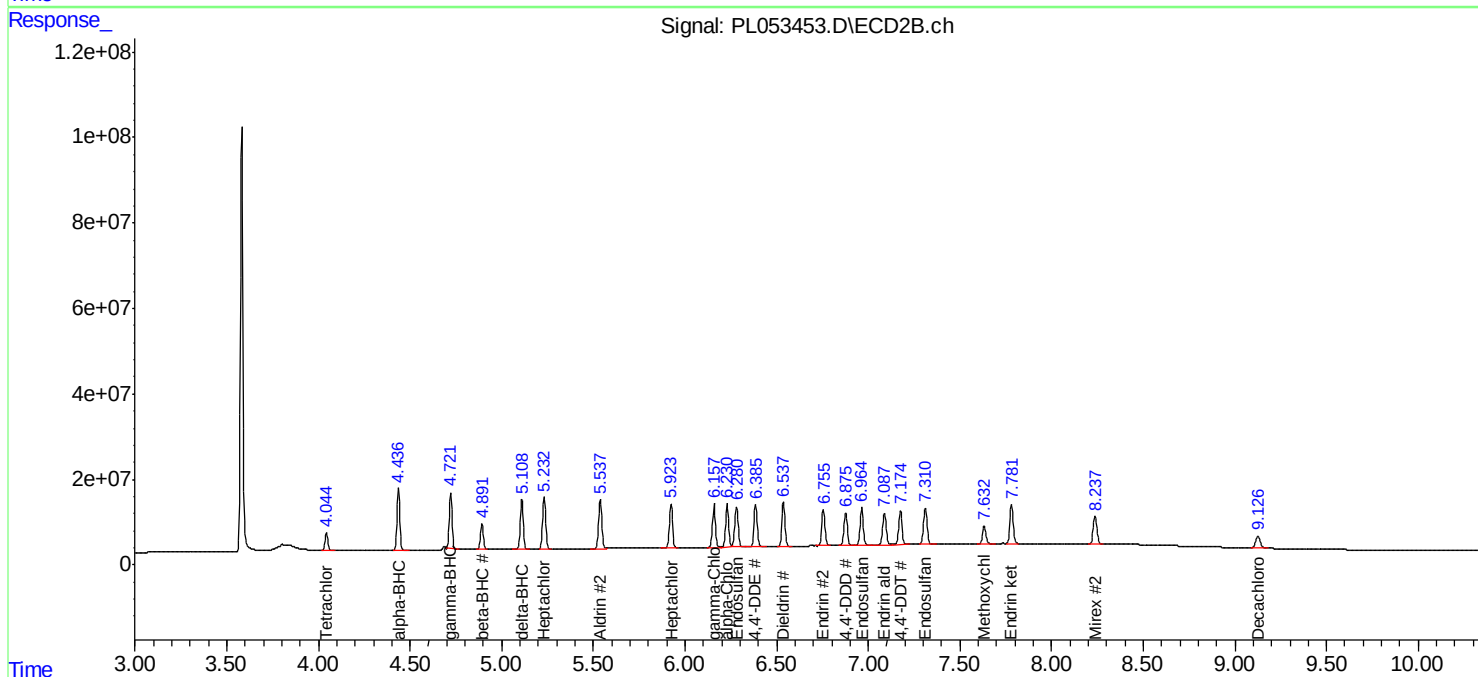
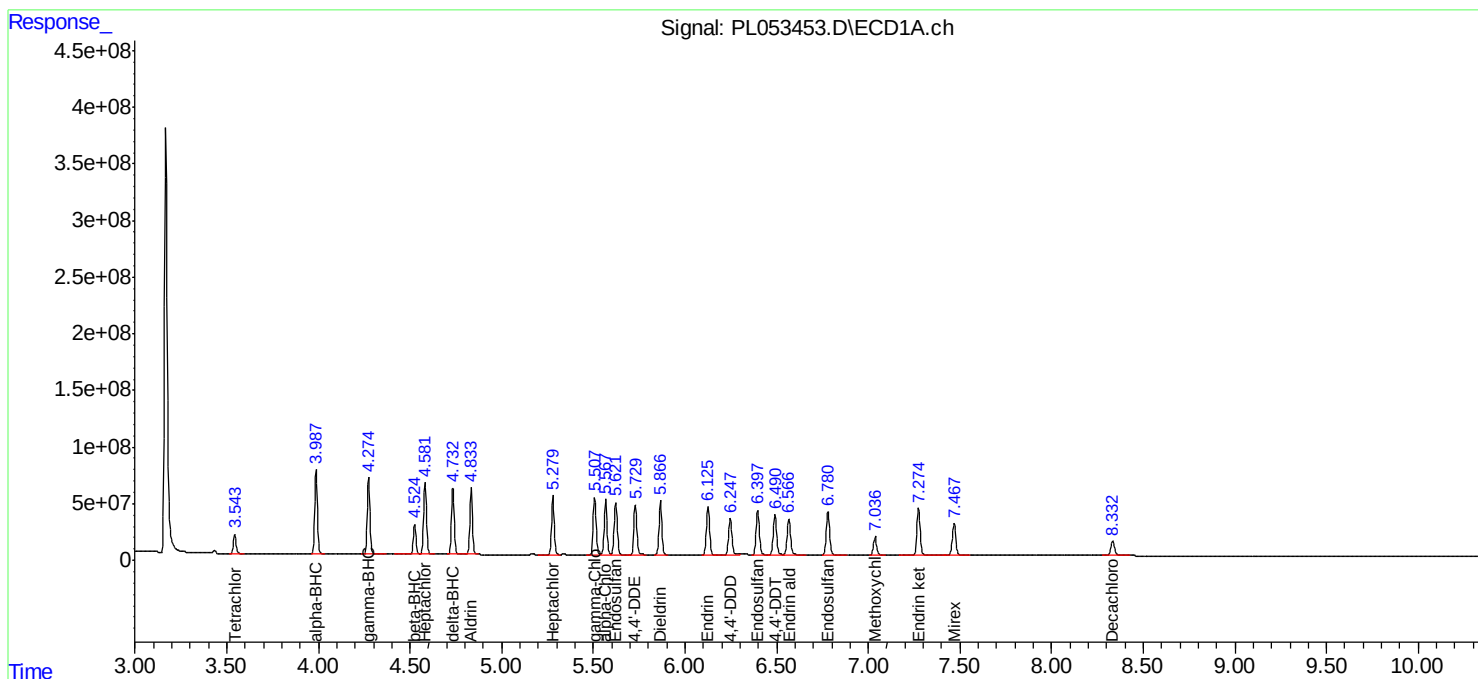
Instrument :  
ECD\_L  
ClientSampled :  
PB124066BS

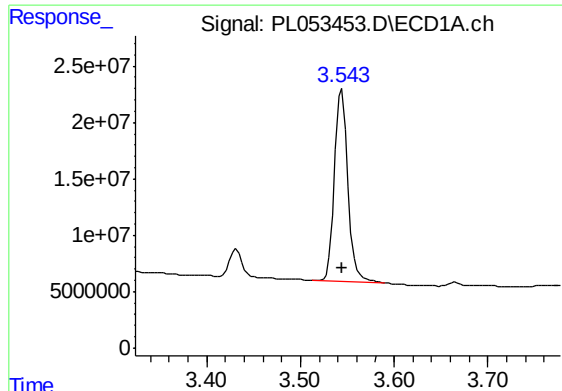
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 01:07:15 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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





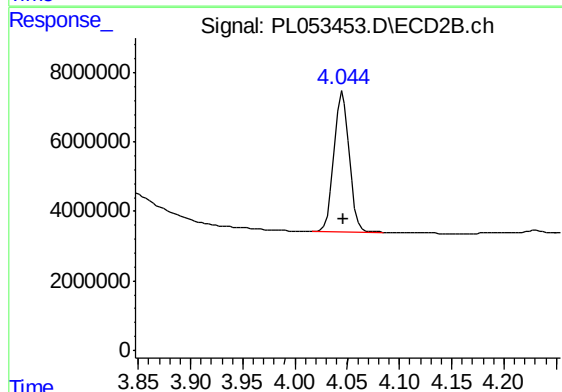
#1 Tetrachloro-m-xylene

R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 168934505  
Conc: 15.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

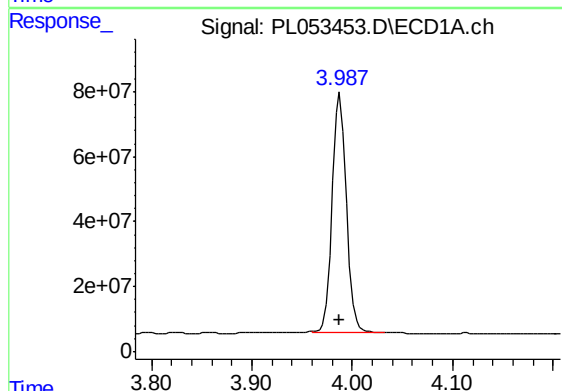
Manual Integrations  
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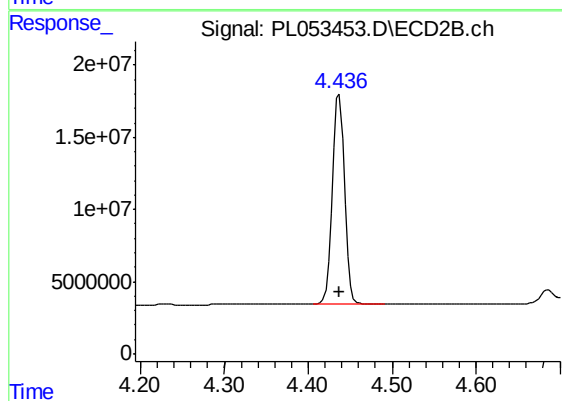
#1 Tetrachloro-m-xylene

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 41341899  
Conc: 16.52 ng/ml



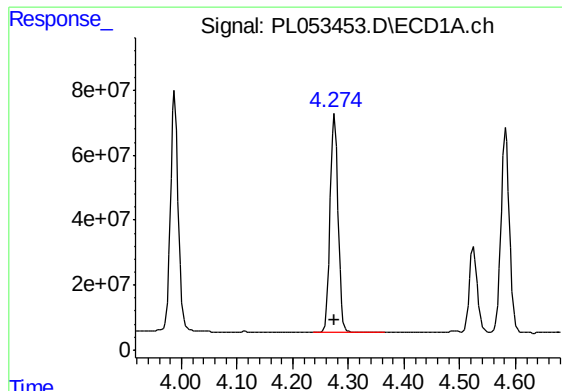
#2 alpha-BHC

R.T.: 3.987 min  
Delta R.T.: -0.001 min  
Response: 726446434  
Conc: 41.66 ng/ml m



#2 alpha-BHC

R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 147853358  
Conc: 42.77 ng/ml



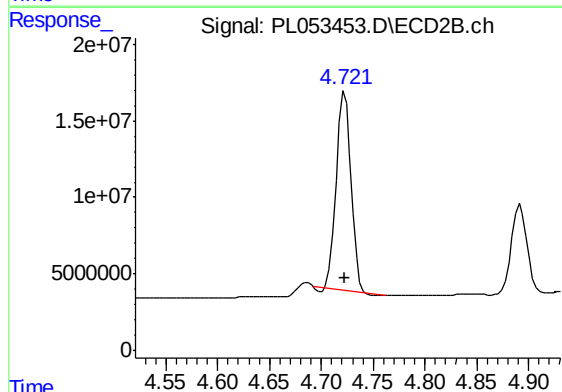
#3 gamma-BHC (Lindane)

R.T.: 4.275 min  
Delta R.T.: 0.000 min  
Response: 661406402  
Conc: 42.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

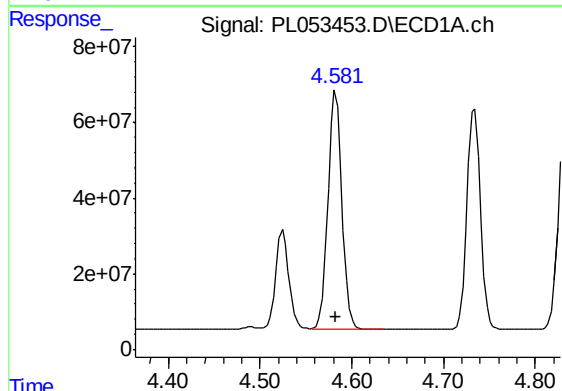
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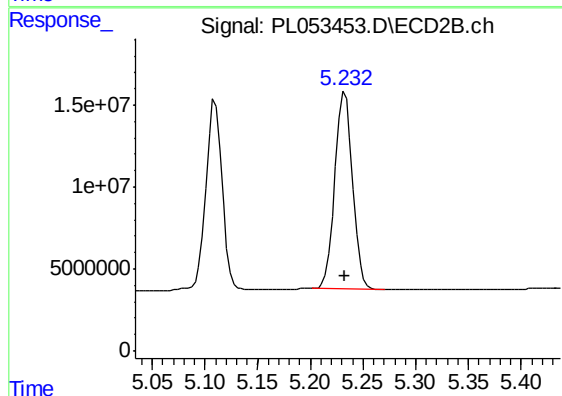
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 130176606  
Conc: 40.42 ng/ml



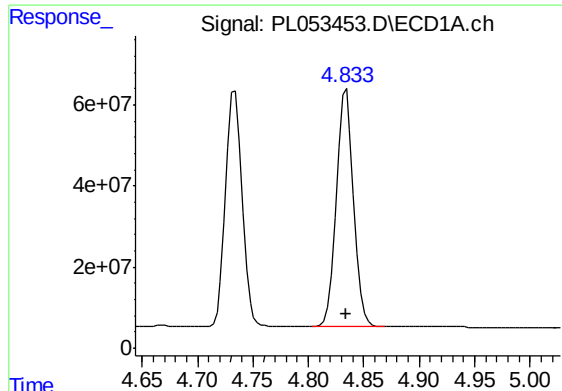
#4 Heptachlor

R.T.: 4.583 min  
Delta R.T.: 0.000 min  
Response: 677647639  
Conc: 42.94 ng/ml



#4 Heptachlor

R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 140047160  
Conc: 43.46 ng/ml



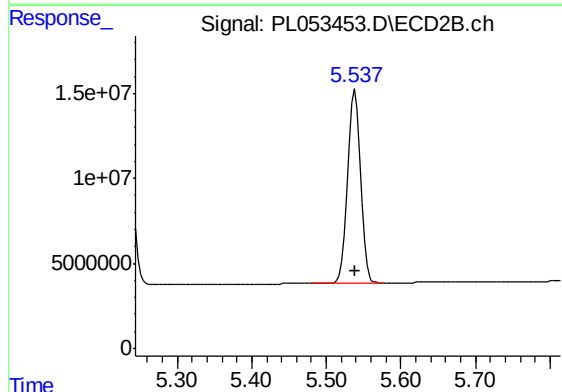
#5 Aldrin

R.T.: 4.834 min  
Delta R.T.: 0.000 min  
Response: 638693517  
Conc: 44.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

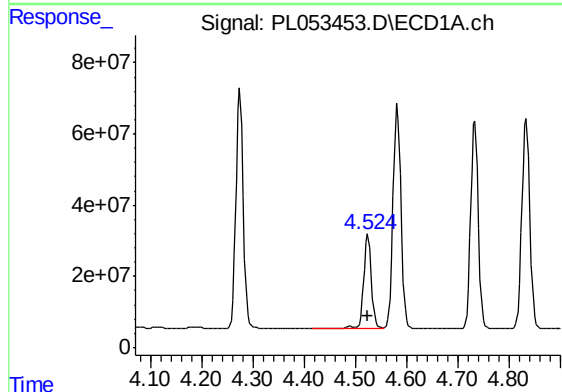
Manual Integrations  
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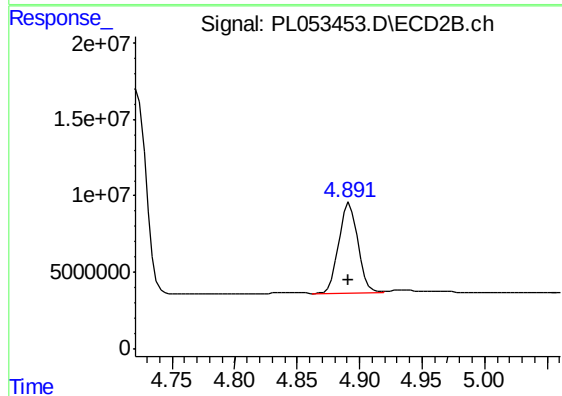
#5 Aldrin

R.T.: 5.538 min  
Delta R.T.: 0.000 min  
Response: 134506560  
Conc: 45.11 ng/ml



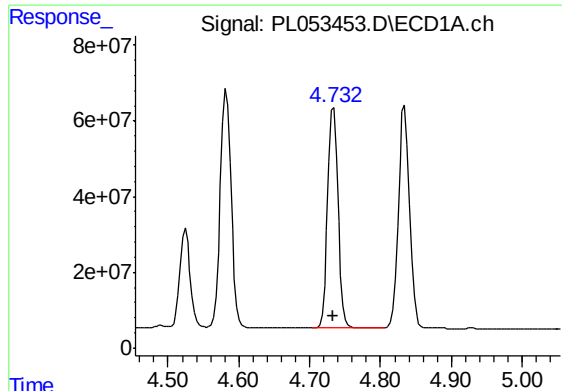
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 278930412  
Conc: 42.33 ng/ml



#6 beta-BHC

R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 63433578  
Conc: 41.07 ng/ml



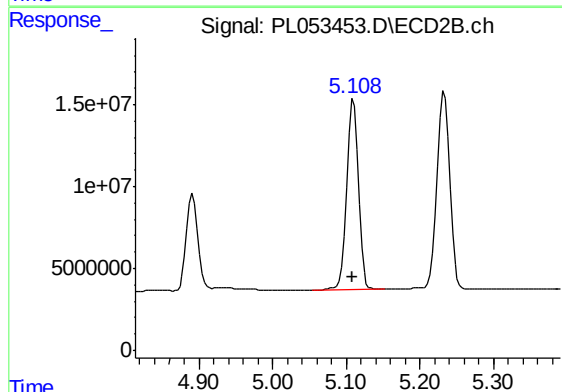
#7 delta-BHC

R.T.: 4.734 min  
Delta R.T.: 0.000 min  
Response: 599917347  
Conc: 39.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

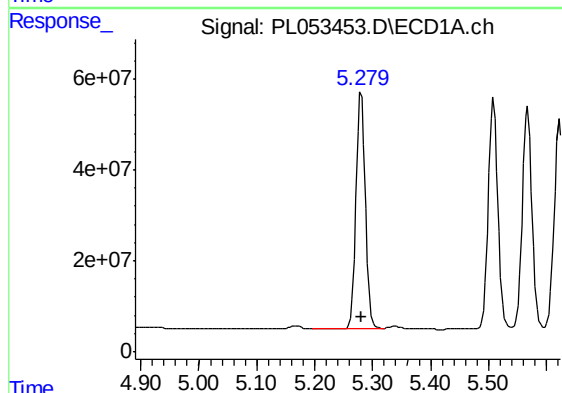
Manual Integrations  
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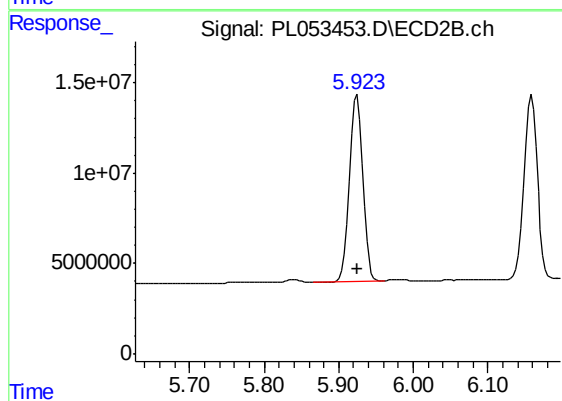
#7 delta-BHC

R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 125422216  
Conc: 41.52 ng/ml m



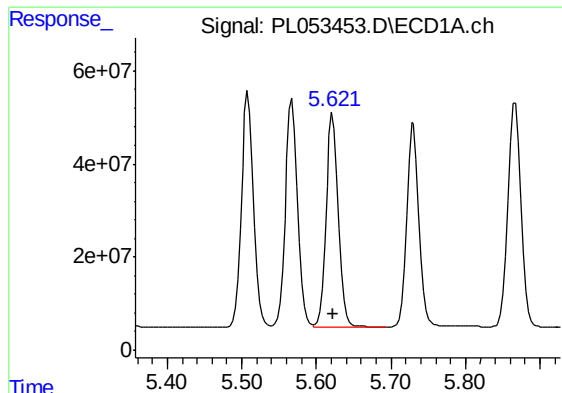
#8 Heptachlor epoxide

R.T.: 5.280 min  
Delta R.T.: 0.000 min  
Response: 591071627  
Conc: 43.79 ng/ml



#8 Heptachlor epoxide

R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 126139736  
Conc: 43.25 ng/ml



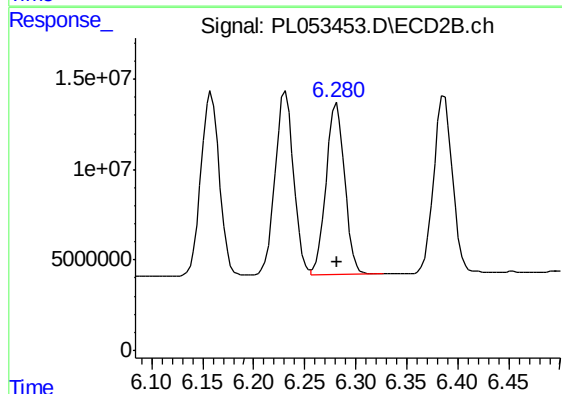
#9 Endosulfan I

R.T.: 5.622 min  
Delta R.T.: 0.000 min  
Response: 534860259  
Conc: 43.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

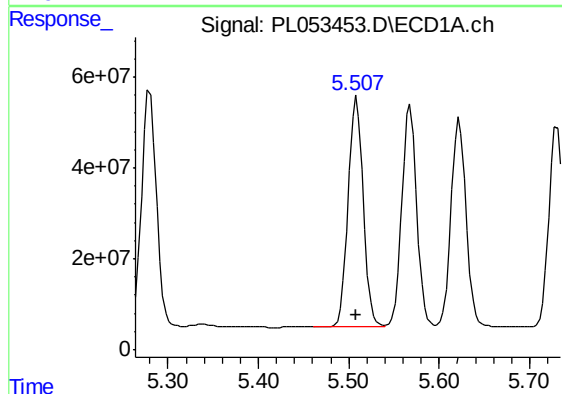
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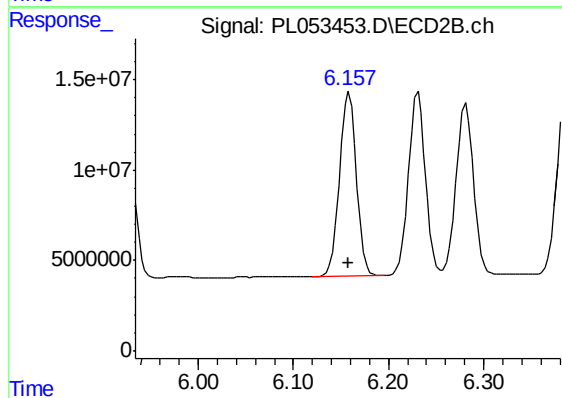
#9 Endosulfan I

R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 119430716  
Conc: 44.05 ng/ml



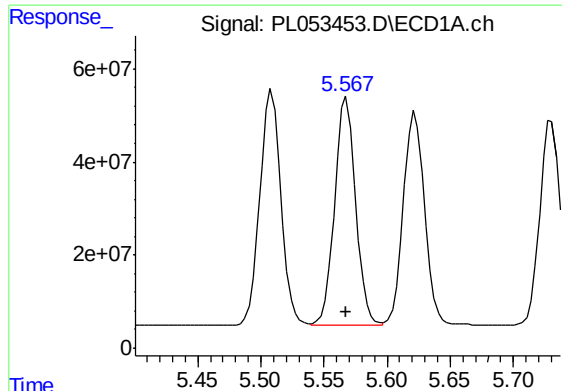
#10 gamma-Chlordane

R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 581995694  
Conc: 42.66 ng/ml



#10 gamma-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 127102898  
Conc: 43.56 ng/ml



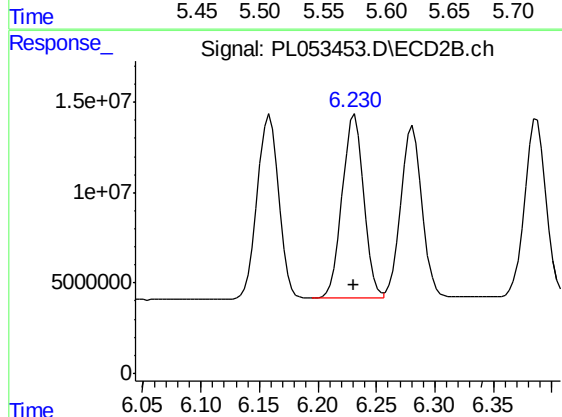
#11 alpha-Chlordane

R.T.: 5.568 min  
Delta R.T.: 0.000 min  
Response: 564349132  
Conc: 42.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

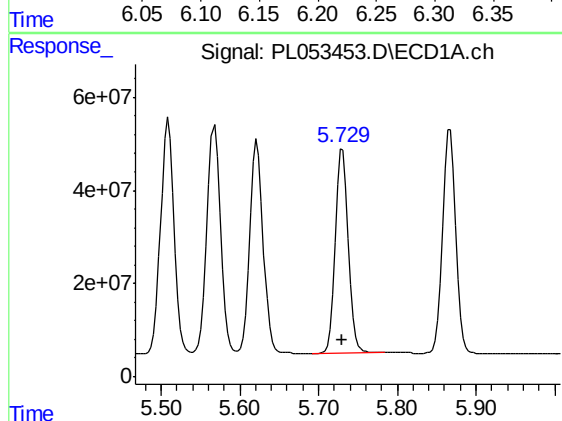
Manual Integrations  
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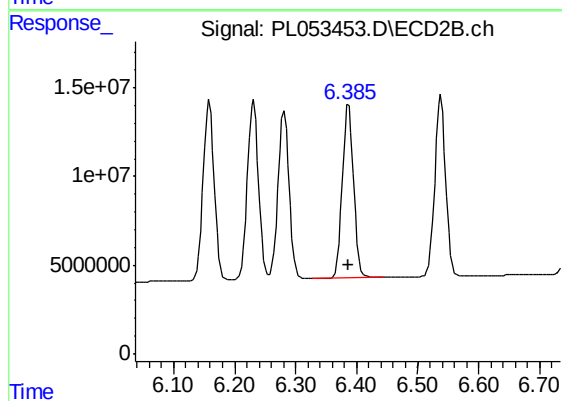
#11 alpha-Chlordane

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 127484555  
Conc: 43.67 ng/ml



#12 4,4'-DDE

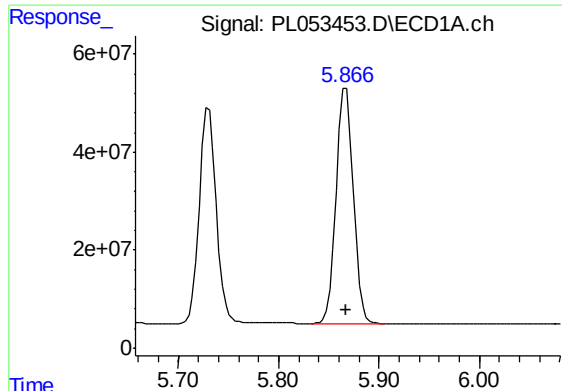
R.T.: 5.730 min  
Delta R.T.: 0.000 min  
Response: 514798970  
Conc: 43.33 ng/ml



#12 4,4'-DDE

R.T.: 6.387 min  
Delta R.T.: 0.000 min  
Response: 124530289  
Conc: 44.22 ng/ml





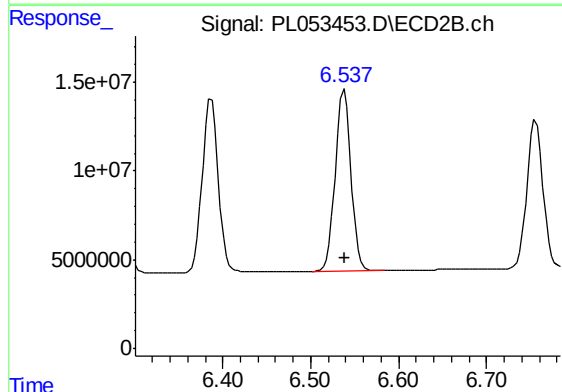
#13 Dieldrin

R.T.: 5.867 min  
Delta R.T.: 0.000 min  
Response: 569665204  
Conc: 43.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

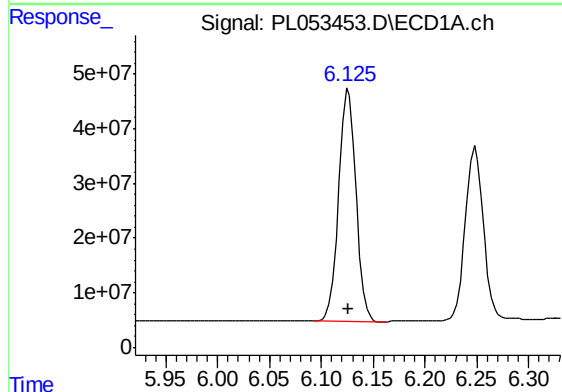
Manual Integrations  
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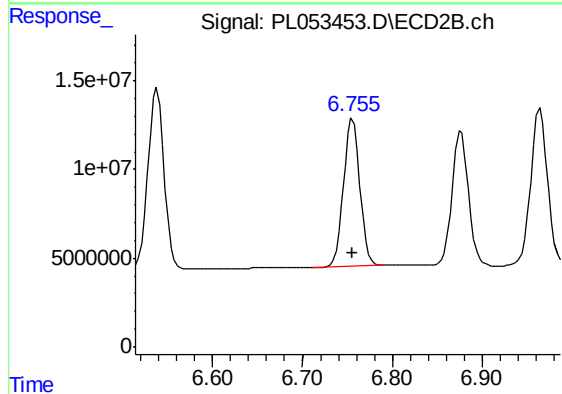
#13 Dieldrin

R.T.: 6.538 min  
Delta R.T.: 0.000 min  
Response: 127336239  
Conc: 44.62 ng/ml



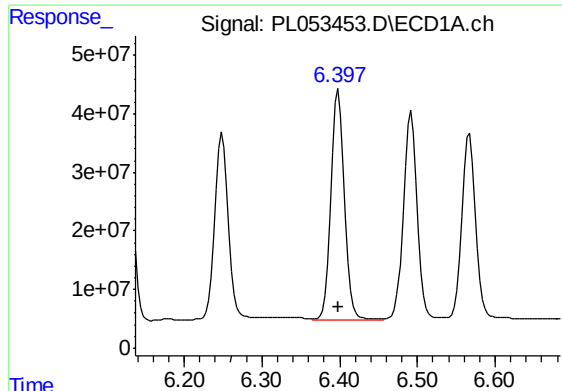
#14 Endrin

R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 496534403  
Conc: 42.84 ng/ml



#14 Endrin

R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 105038107  
Conc: 43.28 ng/ml



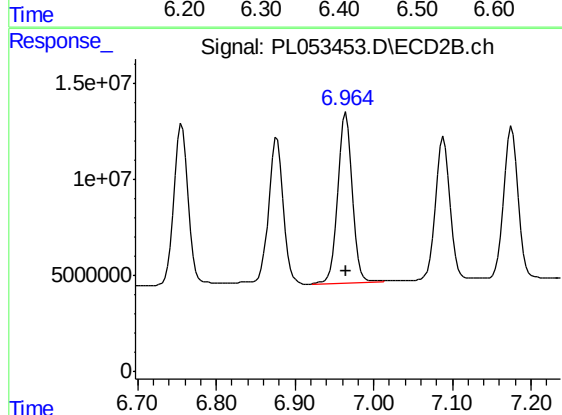
#15 Endosulfan II

R.T.: 6.398 min  
Delta R.T.: 0.000 min  
Response: 478453359  
Conc: 42.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

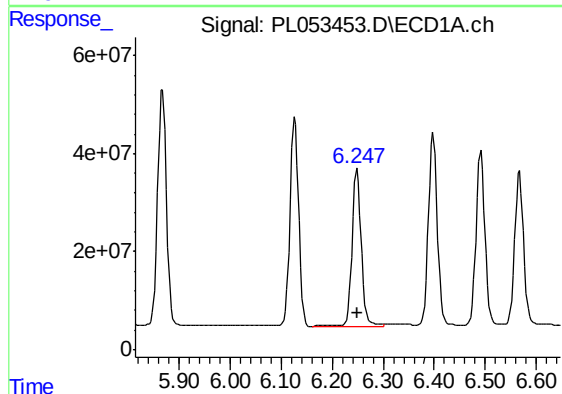
Manual Integrations  
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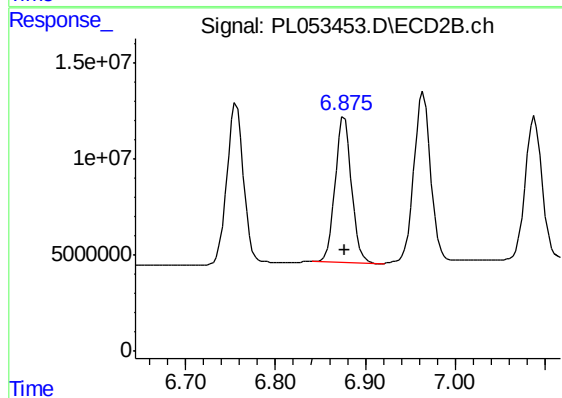
#15 Endosulfan II

R.T.: 6.965 min  
Delta R.T.: 0.000 min  
Response: 117582399  
Conc: 46.03 ng/ml



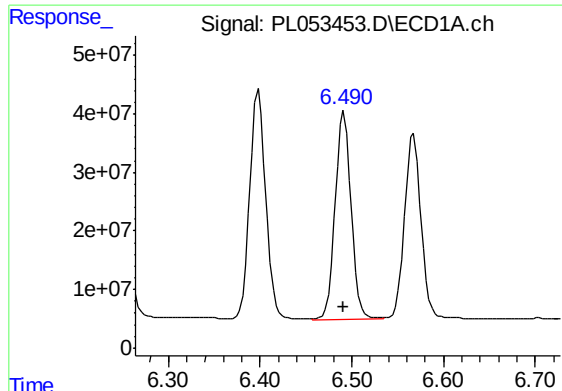
#16 4,4'-DDD

R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 403159940  
Conc: 45.30 ng/ml



#16 4,4'-DDD

R.T.: 6.877 min  
Delta R.T.: 0.000 min  
Response: 96187655  
Conc: 46.16 ng/ml



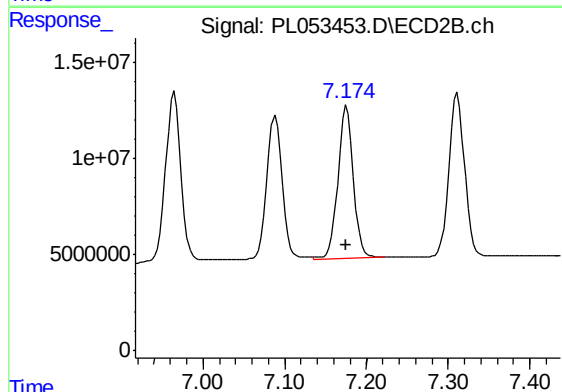
#17 4,4'-DDT

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 431382102  
Conc: 43.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

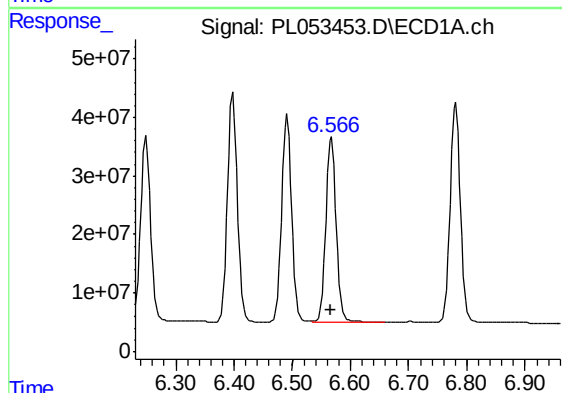
Manual Integrations  
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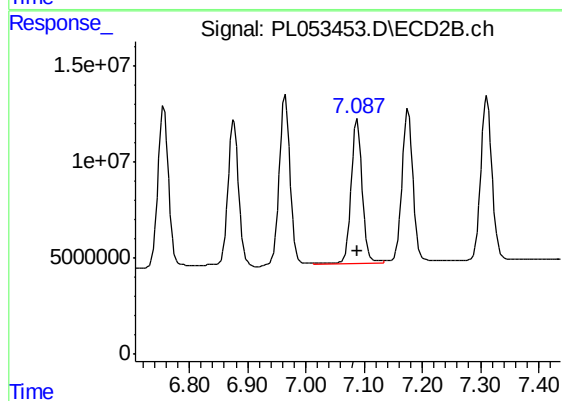
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 104891429  
Conc: 45.36 ng/ml



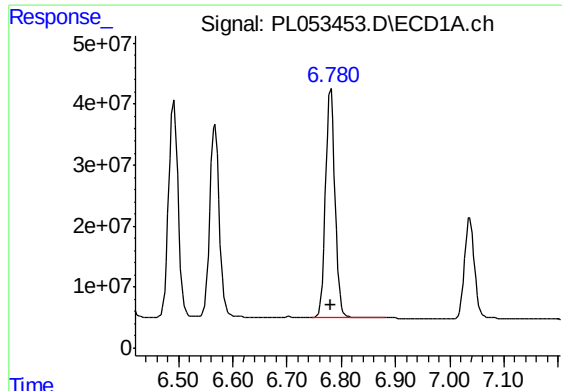
#18 Endrin aldehyde

R.T.: 6.567 min  
Delta R.T.: 0.000 min  
Response: 395906310  
Conc: 43.18 ng/ml



#18 Endrin aldehyde

R.T.: 7.089 min  
Delta R.T.: 0.000 min  
Response: 101361872  
Conc: 46.14 ng/ml



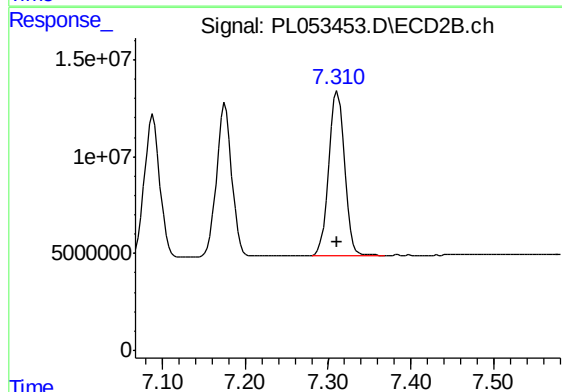
#19 Endosulfan Sulfate

R.T.: 6.781 min  
Delta R.T.: 0.000 min  
Response: 461786986  
Conc: 45.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

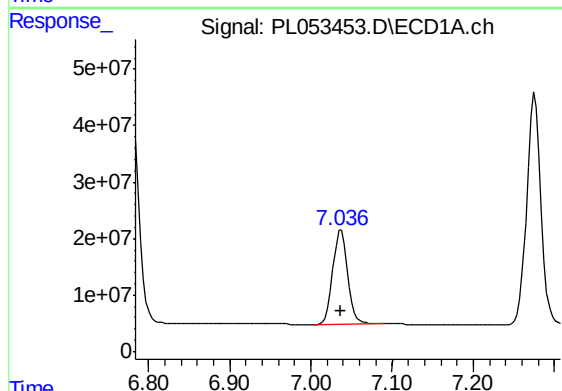
Manual Integrations  
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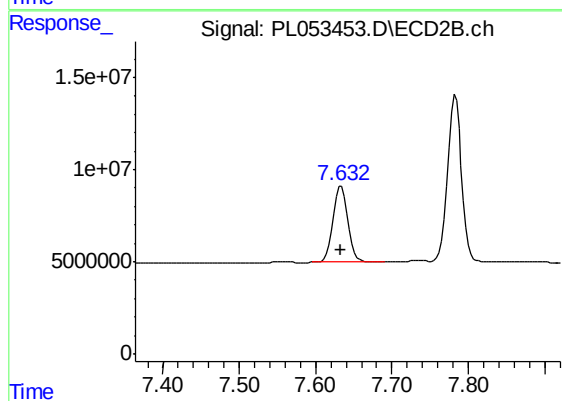
#19 Endosulfan Sulfate

R.T.: 7.311 min  
Delta R.T.: 0.000 min  
Response: 112459432  
Conc: 45.83 ng/ml



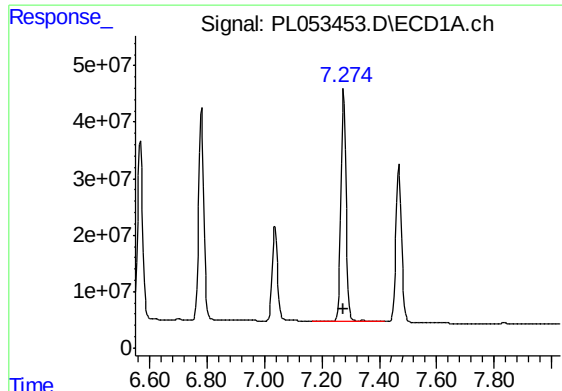
#20 Methoxychlor

R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 212757042  
Conc: 43.15 ng/ml



#20 Methoxychlor

R.T.: 7.634 min  
Delta R.T.: 0.000 min  
Response: 55960742  
Conc: 43.08 ng/ml



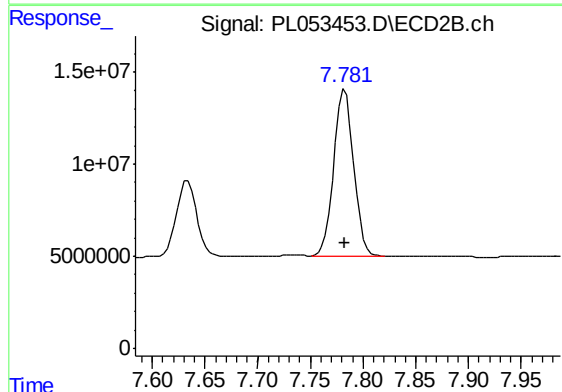
#21 Endrin ketone

R.T.: 7.276 min  
Delta R.T.: 0.000 min  
Response: 512035809  
Conc: 47.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

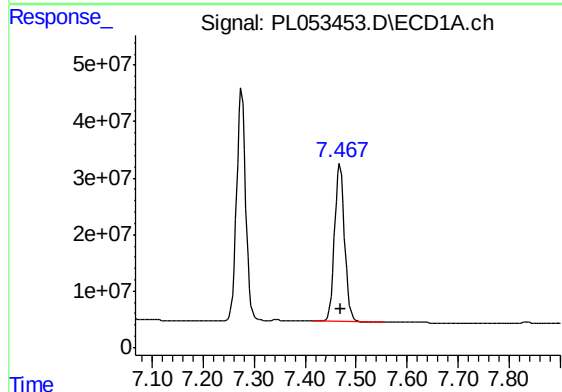
Manual Integrations  
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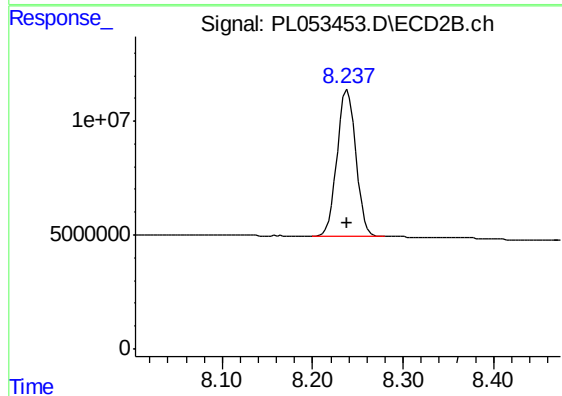
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.000 min  
Response: 118466726  
Conc: 45.94 ng/ml



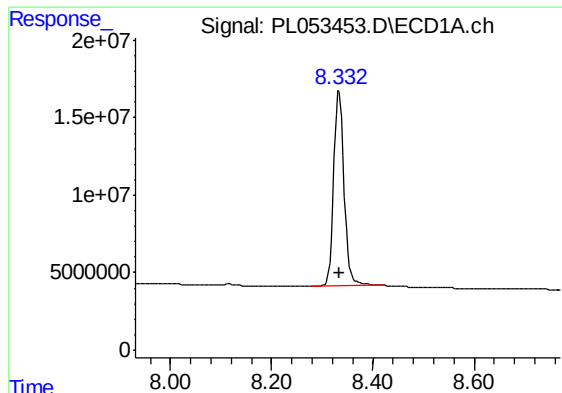
#22 Mirex

R.T.: 7.469 min  
Delta R.T.: 0.000 min  
Response: 379757624  
Conc: 44.40 ng/ml



#22 Mirex

R.T.: 8.239 min  
Delta R.T.: 0.000 min  
Response: 92038669  
Conc: 45.49 ng/ml



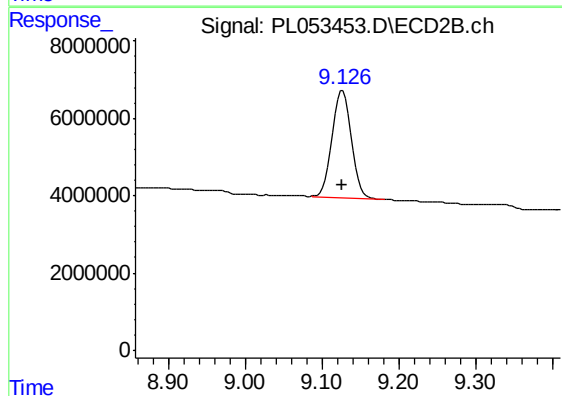
#28 Decachlorobiphenyl

R.T.: 8.334 min  
Delta R.T.: 0.000 min  
Response: 180282992  
Conc: 18.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124066BS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.127 min  
Delta R.T.: 0.000 min  
Response: 48262467  
Conc: 17.14 ng/ml