

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
 Data File : PL053739.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Oct 2019 13:09  
 Operator : SG\AJ  
 Sample : PB124292BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleID :  
 PB124292BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 14:06:36 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... | 3.543 | 4.045 | 212.6E6 | 51037375 | 19.611  | 20.396  |
| 28)                         | SA Decachlor... | 8.328 | 9.122 | 180.1E6 | 50187862 | 18.353  | 17.822  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.986 | 4.436 | 964.6E6 | 187.3E6  | 55.321  | 54.182  |
| 3)                          | MA gamma-BHC... | 4.273 | 4.722 | 884.1E6 | 176.8E6  | 56.766  | 54.899  |
| 4)                          | MA Heptachlor   | 4.579 | 5.231 | 917.7E6 | 175.5E6  | 58.145  | 54.464  |
| 5)                          | MB Aldrin       | 4.831 | 5.535 | 863.3E6 | 165.9E6  | 60.388  | 55.655m |
| 6)                          | B beta-BHC      | 4.523 | 4.891 | 367.5E6 | 80869917 | 55.763  | 52.356  |
| 7)                          | B delta-BHC     | 4.731 | 5.109 | 694.7E6 | 131.1E6  | 45.642  | 43.419  |
| 8)                          | B Heptachlor... | 5.277 | 5.923 | 778.7E6 | 153.3E6  | 57.687  | 52.580  |
| 9)                          | A Endosulfan I  | 5.619 | 6.279 | 708.5E6 | 146.1E6  | 57.638  | 53.876  |
| 10)                         | B gamma-Chl...  | 5.505 | 6.155 | 782.0E6 | 156.6E6  | 57.318  | 53.658m |
| 11)                         | B alpha-Chl...  | 5.564 | 6.229 | 752.5E6 | 155.6E6  | 56.568  | 53.293  |
| 12)                         | B 4,4'-DDE      | 5.727 | 6.385 | 713.5E6 | 155.4E6  | 60.049  | 55.172  |
| 13)                         | MA Dieldrin     | 5.864 | 6.536 | 755.7E6 | 155.2E6  | 57.979  | 54.372  |
| 14)                         | MA Endrin       | 6.122 | 6.754 | 672.5E6 | 132.5E6  | 58.020  | 54.579  |
| 15)                         | B Endosulfa...  | 6.395 | 6.961 | 621.3E6 | 138.3E6  | 55.572  | 54.145m |
| 16)                         | A 4,4'-DDD      | 6.243 | 6.875 | 523.8E6 | 114.0E6  | 58.860m | 54.721  |
| 17)                         | MA 4,4'-DDT     | 6.488 | 7.173 | 578.4E6 | 125.2E6  | 58.388  | 54.138  |
| 18)                         | B Endrin al...  | 6.563 | 7.087 | 504.9E6 | 113.5E6  | 55.066  | 51.678  |
| 19)                         | B Endosulfa...  | 6.776 | 7.308 | 572.0E6 | 127.3E6  | 56.235  | 51.868m |
| 20)                         | A Methoxychlor  | 7.033 | 7.631 | 271.6E6 | 68626222 | 55.080  | 52.834  |
| 21)                         | B Endrin ke...  | 7.271 | 7.781 | 594.2E6 | 136.3E6  | 55.196  | 52.846  |
| 22)                         | Mirex           | 7.463 | 8.235 | 427.5E6 | 100.5E6  | 49.983m | 49.699  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
Data File : PL053739.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Oct 2019 13:09  
Operator : SG\AJ  
Sample : PB124292BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

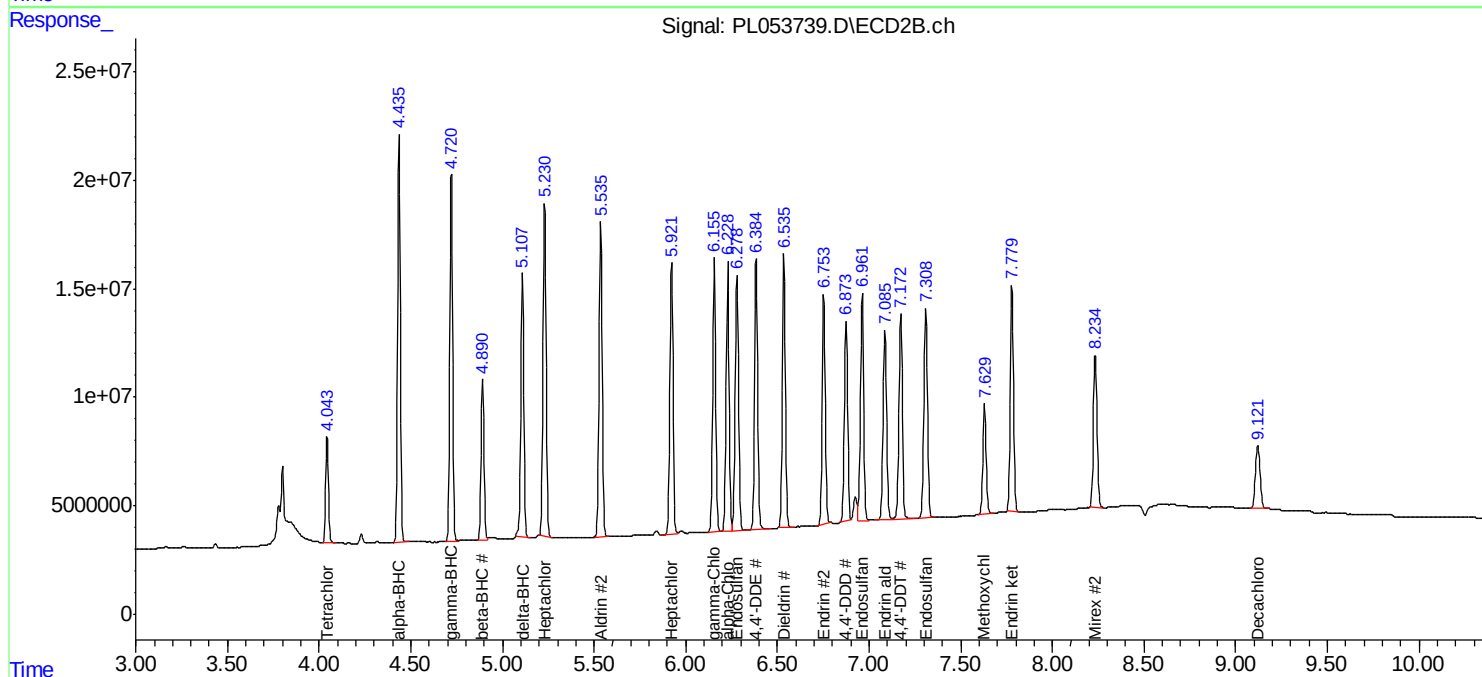
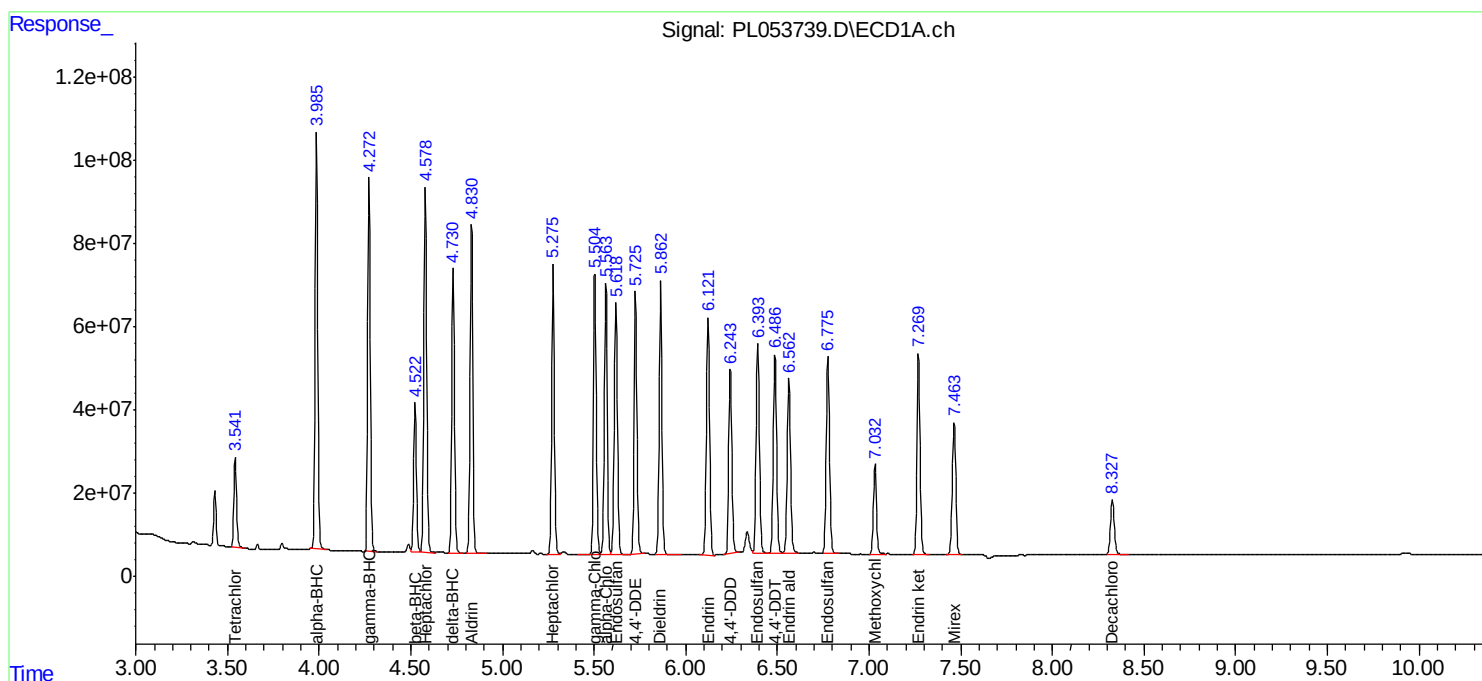
Instrument :  
ECD\_L  
ClientSampled :  
PB124292BS

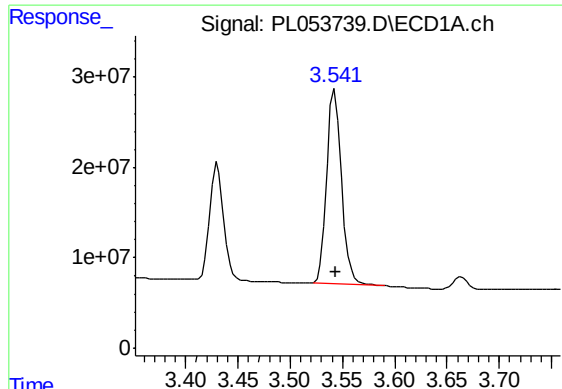
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 14:06:36 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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





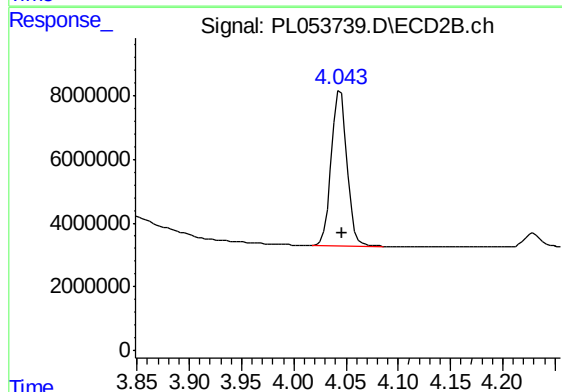
#1 Tetrachloro-m-xylene

R.T.: 3.543 min  
Delta R.T.: -0.001 min  
Response: 212571801  
Conc: 19.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

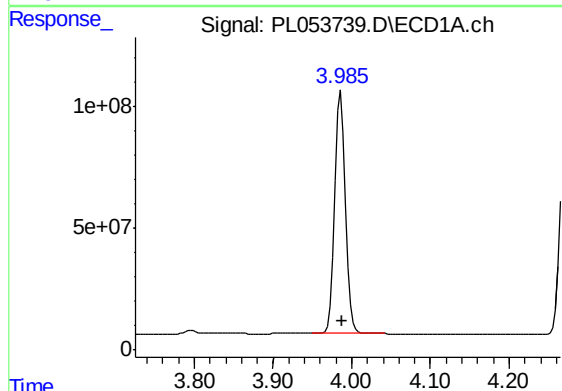
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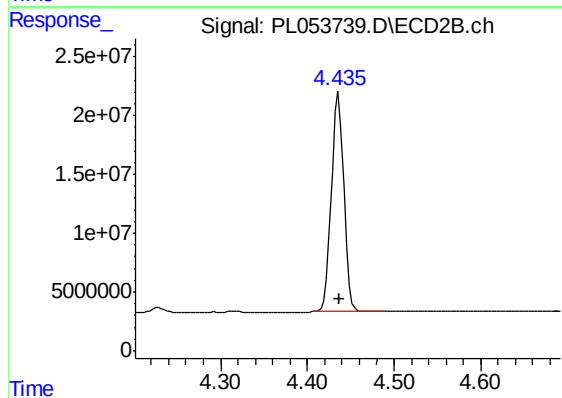
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: -0.001 min  
Response: 51037375  
Conc: 20.40 ng/ml



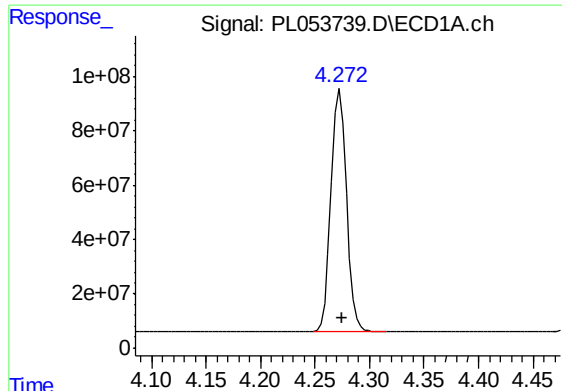
#2 alpha-BHC

R.T.: 3.986 min  
Delta R.T.: -0.002 min  
Response: 964610401  
Conc: 55.32 ng/ml



#2 alpha-BHC

R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 187311475  
Conc: 54.18 ng/ml



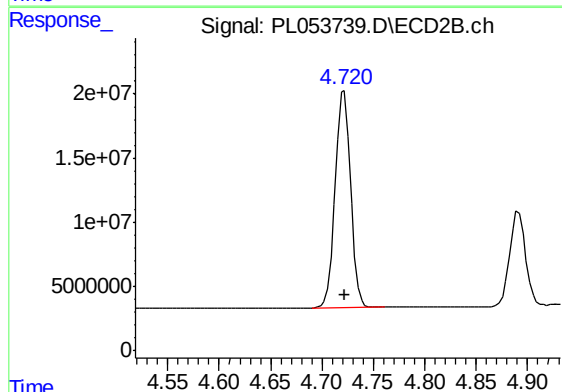
#3 gamma-BHC (Lindane)

R.T.: 4.273 min  
Delta R.T.: -0.002 min  
Response: 884053397  
Conc: 56.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

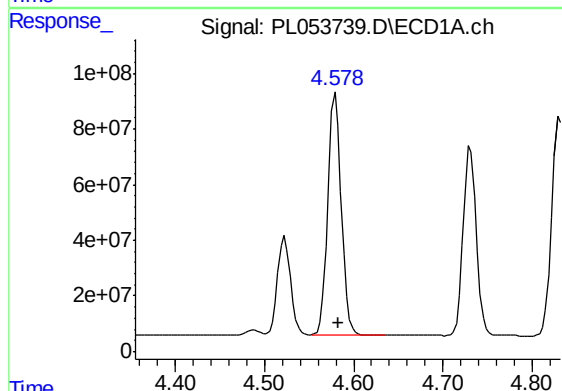
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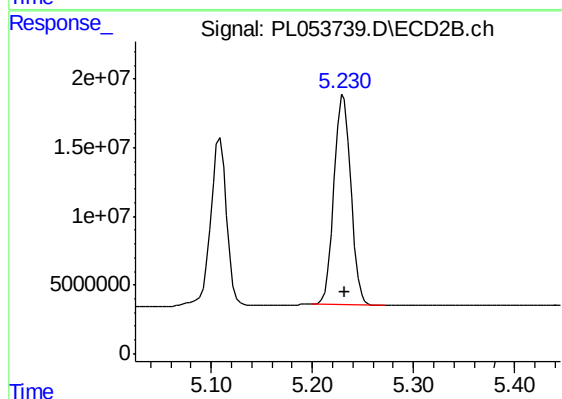
#3 gamma-BHC (Lindane)

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 176796020  
Conc: 54.90 ng/ml



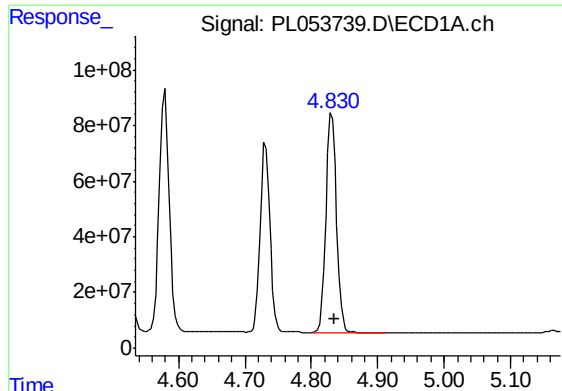
#4 Heptachlor

R.T.: 4.579 min  
Delta R.T.: -0.003 min  
Response: 917690720  
Conc: 58.14 ng/ml



#4 Heptachlor

R.T.: 5.231 min  
Delta R.T.: -0.001 min  
Response: 175491633  
Conc: 54.46 ng/ml



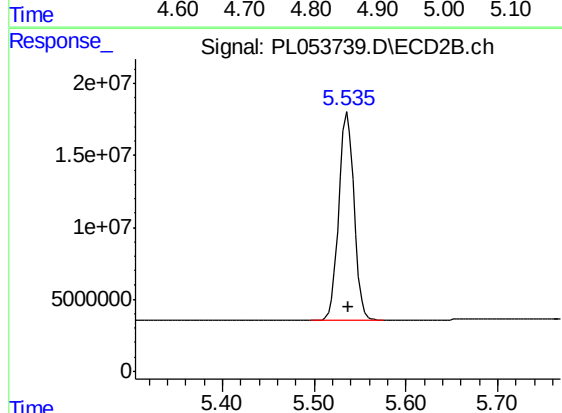
#5 Aldrin

R.T.: 4.831 min  
Delta R.T.: -0.003 min  
Response: 863291691  
Conc: 60.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

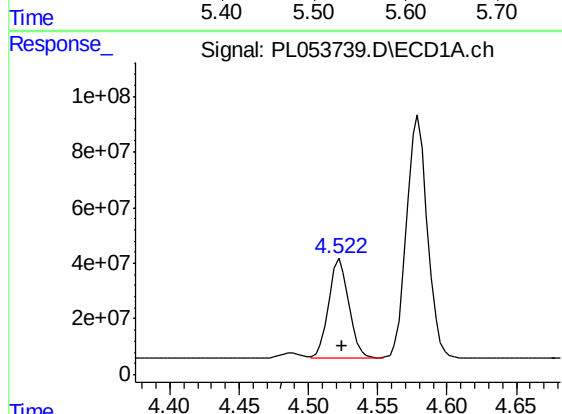
Manual Integrations  
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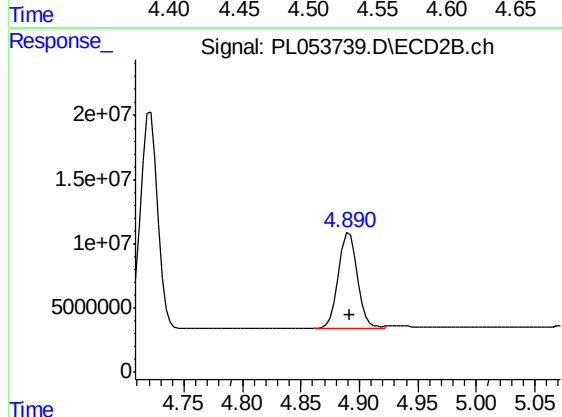
#5 Aldrin

R.T.: 5.535 min  
Delta R.T.: -0.003 min  
Response: 165938665  
Conc: 55.66 ng/ml m



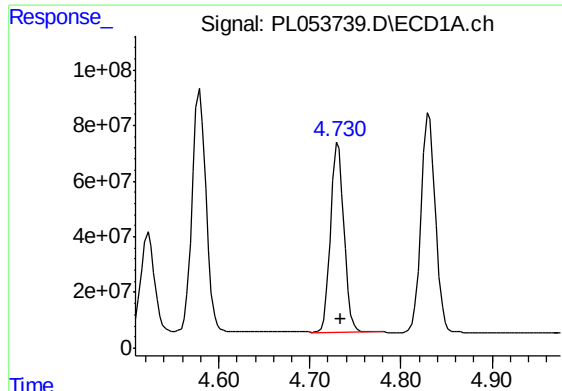
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.002 min  
Response: 367472401  
Conc: 55.76 ng/ml



#6 beta-BHC

R.T.: 4.891 min  
Delta R.T.: 0.000 min  
Response: 80869917  
Conc: 52.36 ng/ml



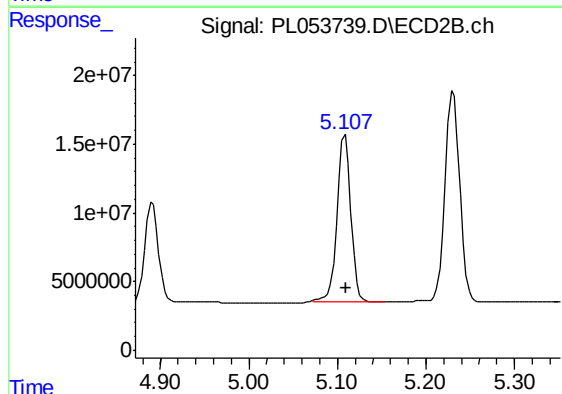
#7 delta-BHC

R.T.: 4.731 min  
Delta R.T.: -0.003 min  
Response: 694727476  
Conc: 45.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

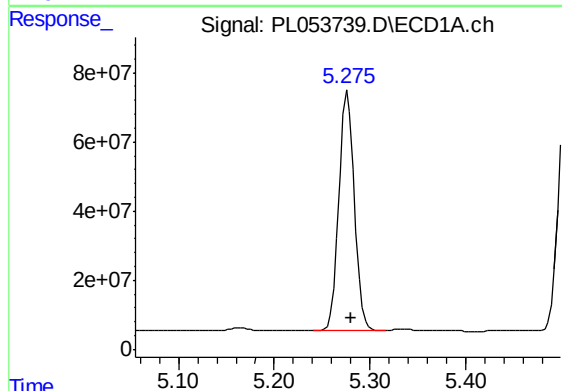
Manual Integrations  
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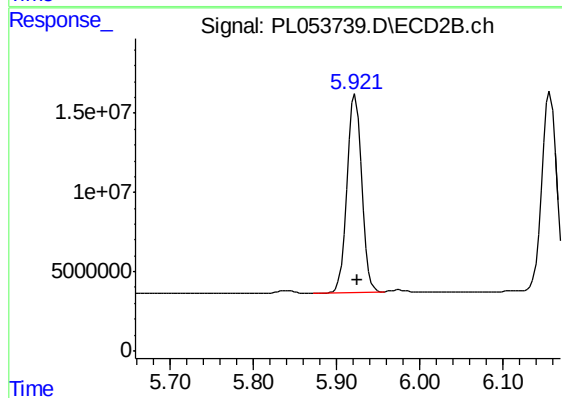
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 131149697  
Conc: 43.42 ng/ml



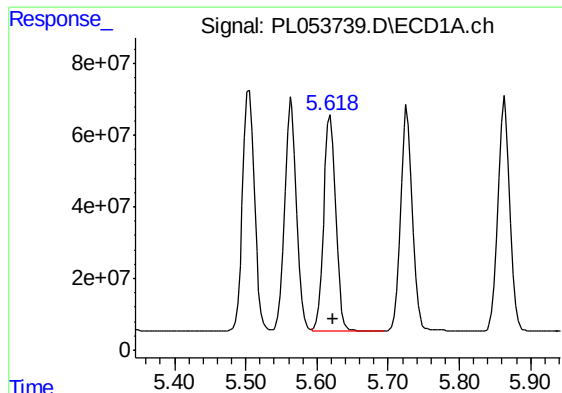
#8 Heptachlor epoxide

R.T.: 5.277 min  
Delta R.T.: -0.004 min  
Response: 778734159  
Conc: 57.69 ng/ml



#8 Heptachlor epoxide

R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: 153344390  
Conc: 52.58 ng/ml



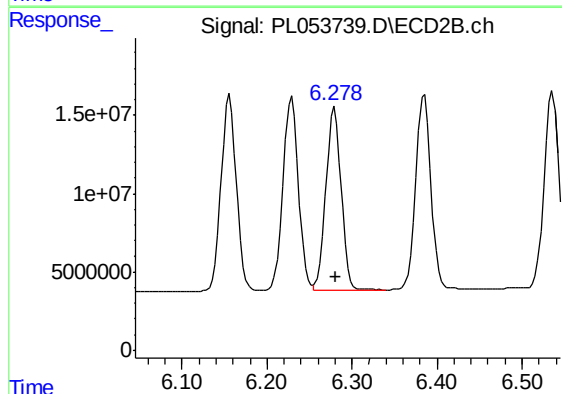
#9 Endosulfan I

R.T.: 5.619 min  
Delta R.T.: -0.004 min  
Response: 708491914  
Conc: 57.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

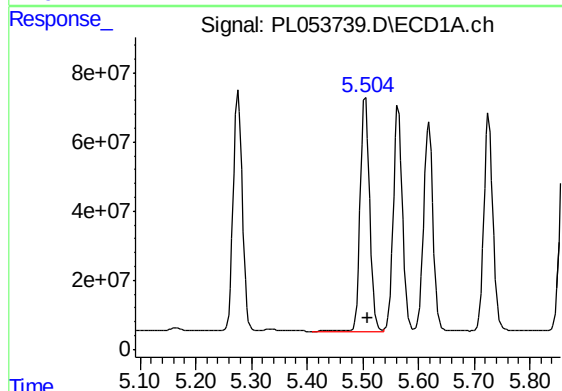
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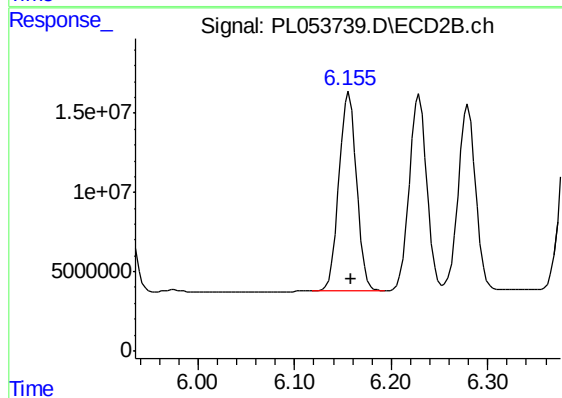
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 146069562  
Conc: 53.88 ng/ml



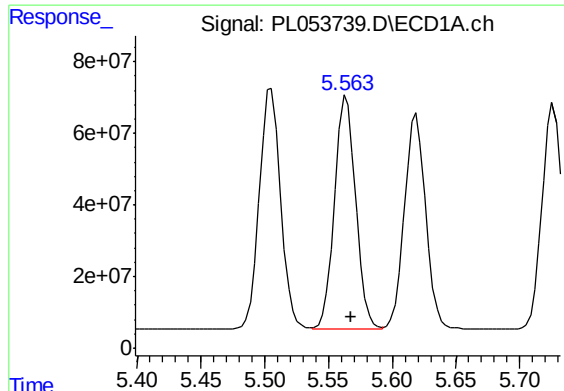
#10 gamma-Chlordane

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 782021193  
Conc: 57.32 ng/ml



#10 gamma-Chlordane

R.T.: 6.155 min  
Delta R.T.: -0.003 min  
Response: 156562960  
Conc: 53.66 ng/ml m



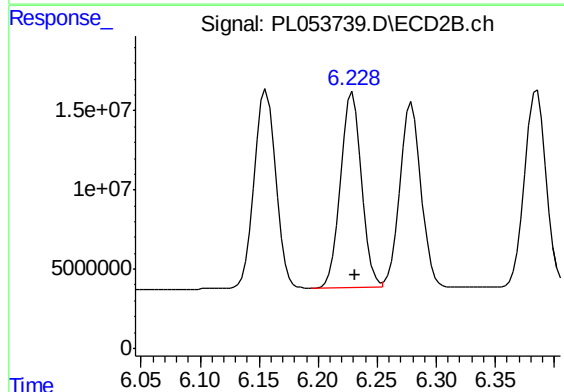
#11 alpha-Chlordane

R.T.: 5.564 min  
Delta R.T.: -0.003 min  
Response: 752548344  
Conc: 56.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

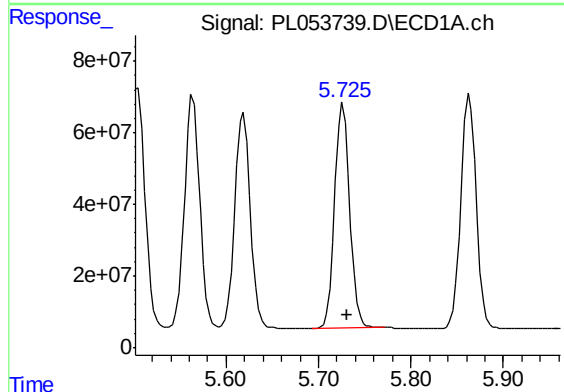
Manual Integrations  
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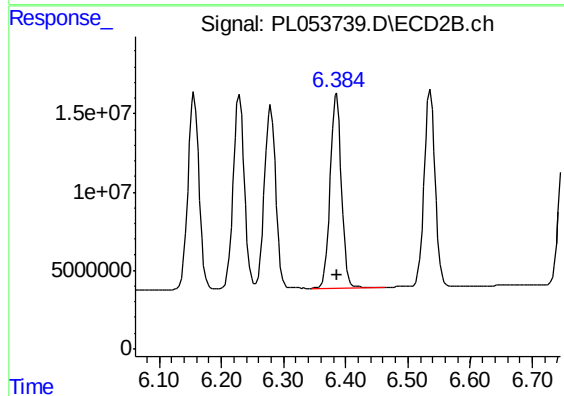
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: -0.002 min  
Response: 155572921  
Conc: 53.29 ng/ml



#12 4,4'-DDE

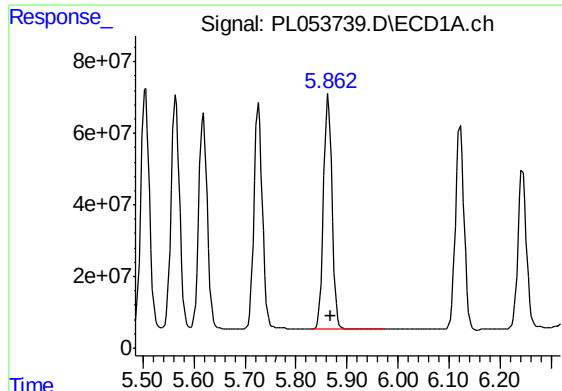
R.T.: 5.727 min  
Delta R.T.: -0.004 min  
Response: 713511367  
Conc: 60.05 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 155382503  
Conc: 55.17 ng/ml





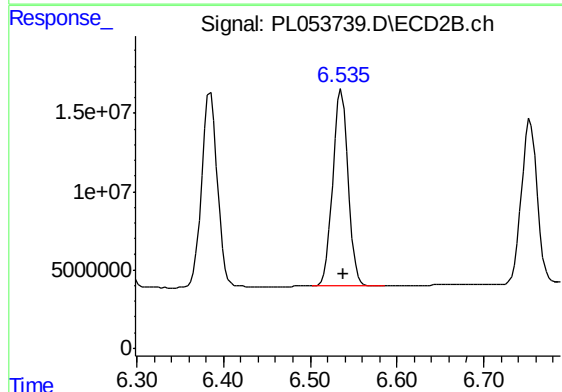
#13 Dieldrin

R.T.: 5.864 min  
Delta R.T.: -0.004 min  
Response: 755670615  
Conc: 57.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

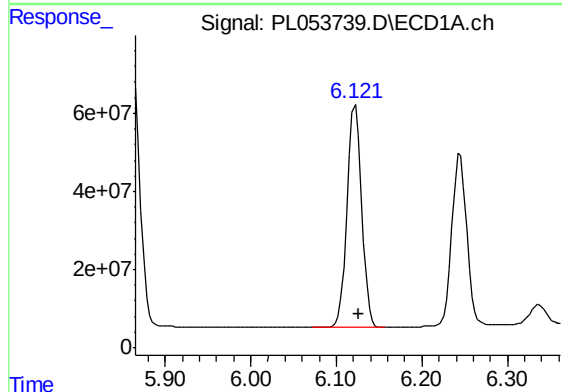
Manual Integrations  
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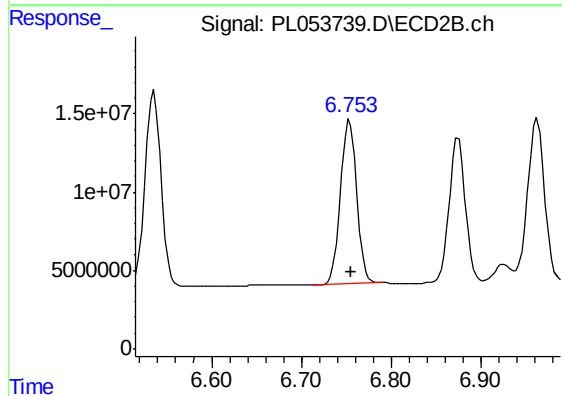
#13 Dieldrin

R.T.: 6.536 min  
Delta R.T.: -0.002 min  
Response: 155158652  
Conc: 54.37 ng/ml



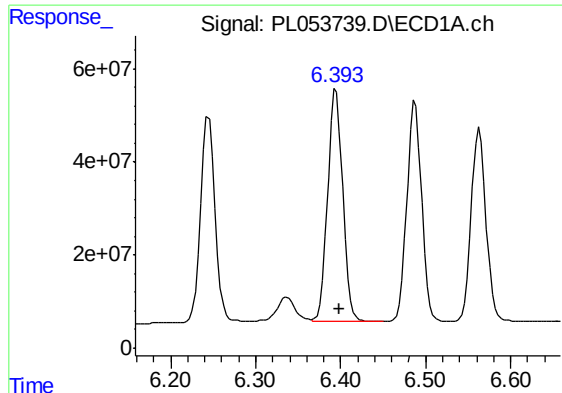
#14 Endrin

R.T.: 6.122 min  
Delta R.T.: -0.004 min  
Response: 672527284  
Conc: 58.02 ng/ml



#14 Endrin

R.T.: 6.754 min  
Delta R.T.: -0.002 min  
Response: 132473134  
Conc: 54.58 ng/ml



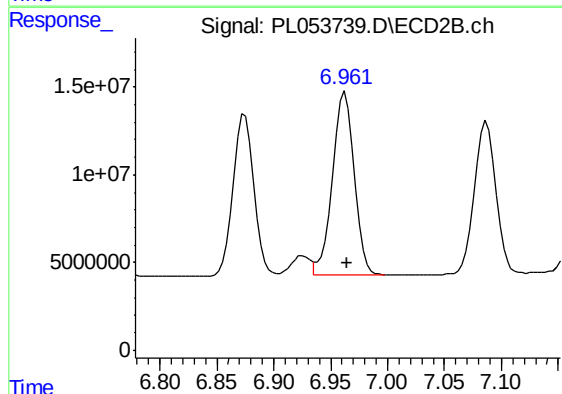
#15 Endosulfan II

R.T.: 6.395 min  
Delta R.T.: -0.004 min  
Response: 621310696  
Conc: 55.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

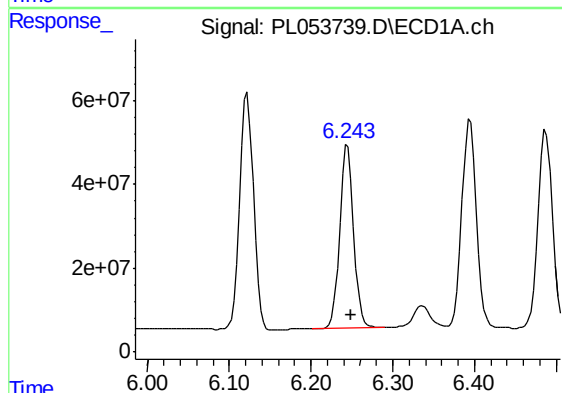
Manual Integrations  
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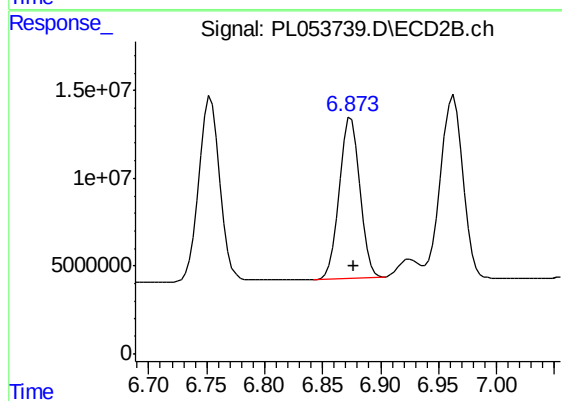
#15 Endosulfan II

R.T.: 6.961 min  
Delta R.T.: -0.004 min  
Response: 138311929  
Conc: 54.14 ng/ml m



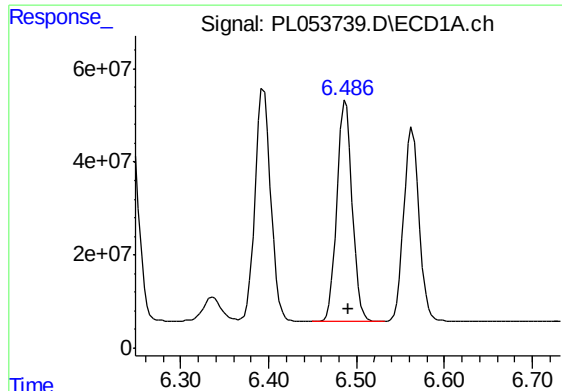
#16 4,4'-DDD

R.T.: 6.243 min  
Delta R.T.: -0.005 min  
Response: 523844061  
Conc: 58.86 ng/ml m



#16 4,4'-DDD

R.T.: 6.875 min  
Delta R.T.: -0.002 min  
Response: 114035939  
Conc: 54.72 ng/ml



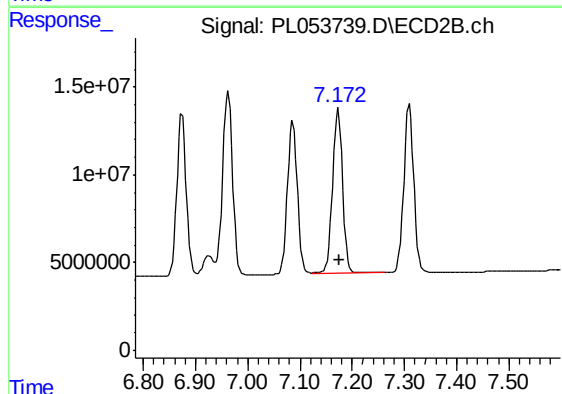
#17 4,4'-DDT

R.T.: 6.488 min  
Delta R.T.: -0.004 min  
Response: 578410971  
Conc: 58.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

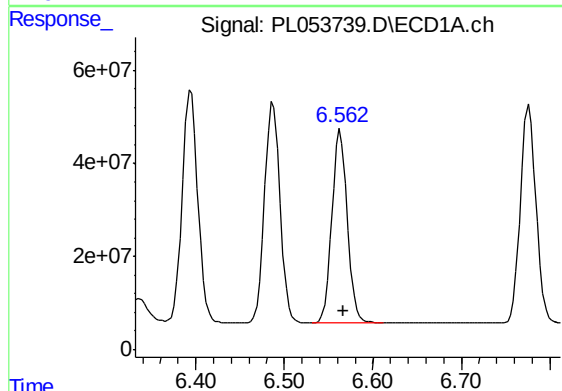
Manual Integrations  
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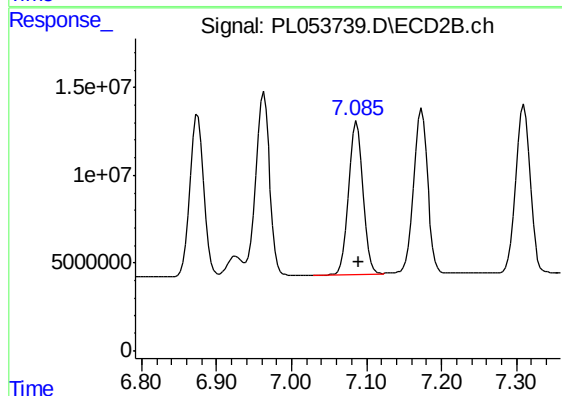
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: -0.002 min  
Response: 125195035  
Conc: 54.14 ng/ml



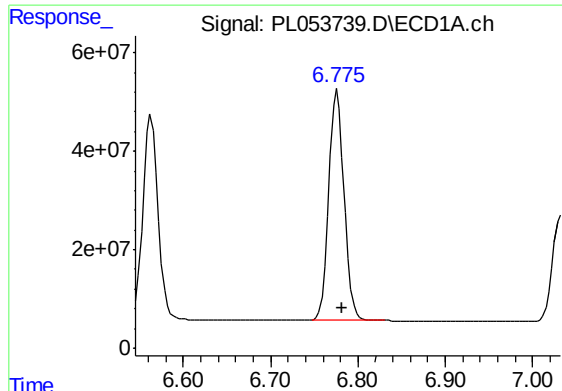
#18 Endrin aldehyde

R.T.: 6.563 min  
Delta R.T.: -0.004 min  
Response: 504918083  
Conc: 55.07 ng/ml



#18 Endrin aldehyde

R.T.: 7.087 min  
Delta R.T.: -0.002 min  
Response: 113523957  
Conc: 51.68 ng/ml



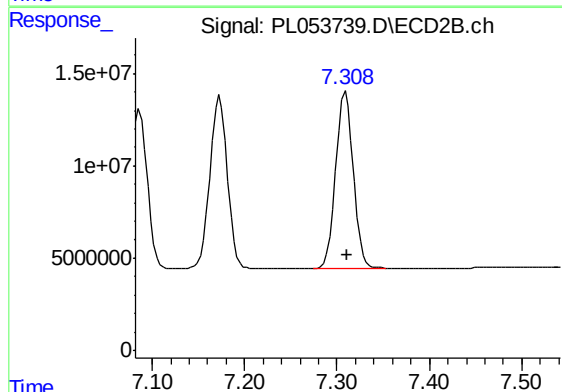
#19 Endosulfan Sulfate

R.T.: 6.776 min  
Delta R.T.: -0.005 min  
Response: 572005066  
Conc: 56.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

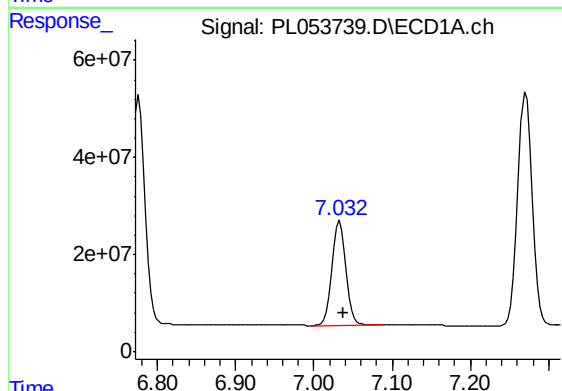
Manual Integrations  
APPROVED

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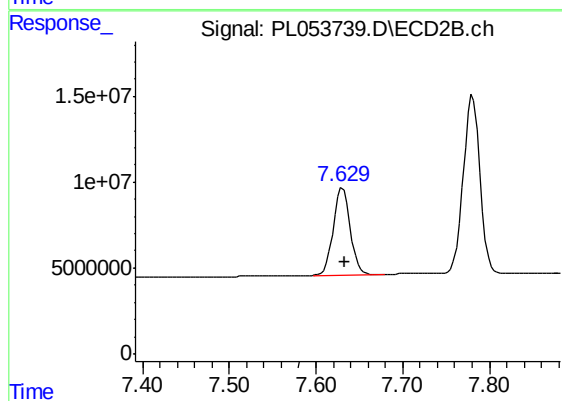
#19 Endosulfan Sulfate

R.T.: 7.308 min  
Delta R.T.: -0.003 min  
Response: 127264548  
Conc: 51.87 ng/ml m



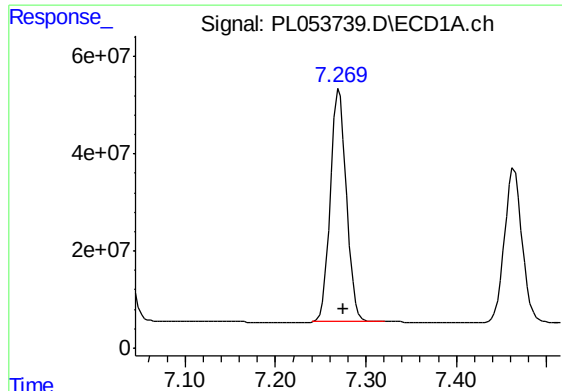
#20 Methoxychlor

R.T.: 7.033 min  
Delta R.T.: -0.004 min  
Response: 271565169  
Conc: 55.08 ng/ml



#20 Methoxychlor

R.T.: 7.631 min  
Delta R.T.: -0.003 min  
Response: 68626222  
Conc: 52.83 ng/ml



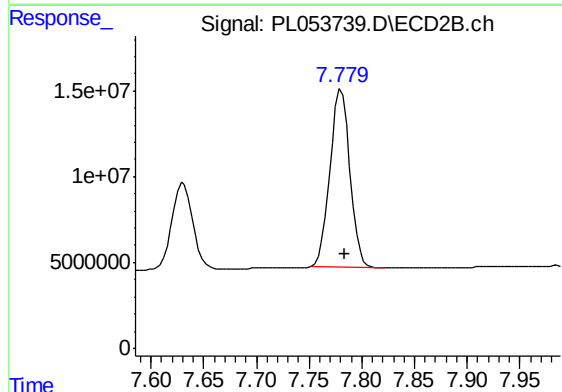
#21 Endrin ketone

R.T.: 7.271 min  
Delta R.T.: -0.004 min  
Response: 594191221  
Conc: 55.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

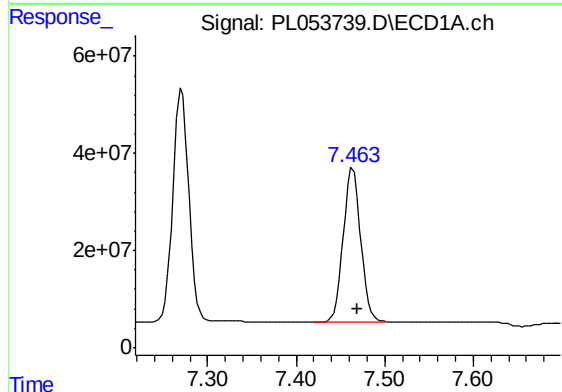
Manual Integrations  
APPROVED

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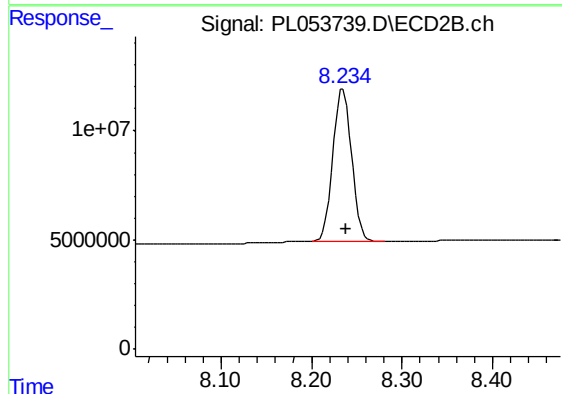
#21 Endrin ketone

R.T.: 7.781 min  
Delta R.T.: -0.003 min  
Response: 136262931  
Conc: 52.85 ng/ml



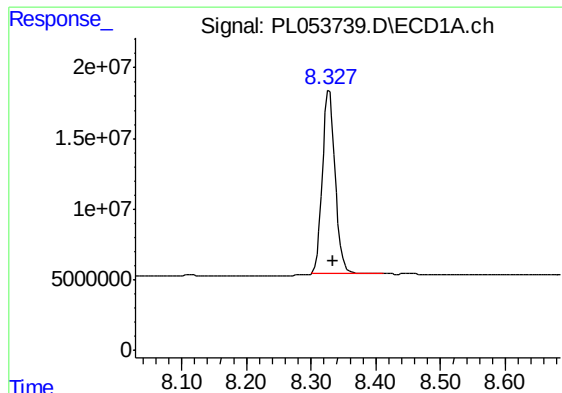
#22 Mirex

R.T.: 7.463 min  
Delta R.T.: -0.006 min  
Response: 427502094  
Conc: 49.98 ng/ml m



#22 Mirex

R.T.: 8.235 min  
Delta R.T.: -0.004 min  
Response: 100543756  
Conc: 49.70 ng/ml



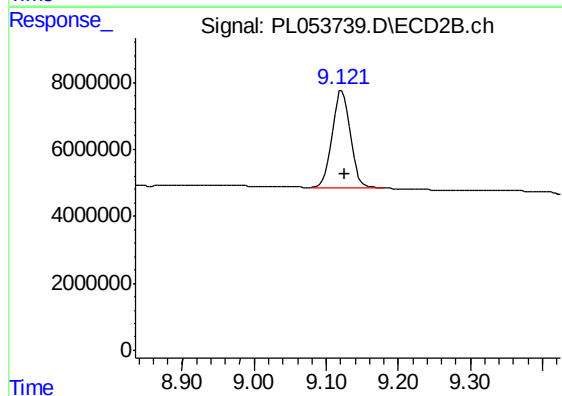
#28 Decachlorobiphenyl

R.T.: 8.328 min  
Delta R.T.: -0.006 min  
Response: 180071273  
Conc: 18.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124292BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: -0.004 min  
Response: 50187862  
Conc: 17.82 ng/ml