

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082620\  
 Data File : PL060995.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Aug 2020 11:41  
 Operator : DD\AJ  
 Sample : PB131207BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB131207BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 26 16:13:21 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 25 16:59:57 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... | 3.470 | 4.011 | 34594857 | 45745105 | 18.747 | 17.601  |
| 28)                         | SA Decachlor... | 8.226 | 9.106 | 33333526 | 42495136 | 19.787 | 20.140  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.908 | 4.401 | 131.8E6  | 182.0E6  | 46.617 | 44.800  |
| 3)                          | MA gamma-BHC... | 4.191 | 4.686 | 111.8E6  | 167.0E6  | 43.803 | 44.400m |
| 4)                          | MA Heptachlor   | 4.494 | 5.200 | 109.0E6  | 167.8E6  | 46.463 | 45.861  |
| 5)                          | MB Aldrin       | 4.742 | 5.506 | 98774998 | 153.1E6  | 47.338 | 45.416  |
| 6)                          | B beta-BHC      | 4.443 | 4.859 | 50474854 | 75473179 | 49.413 | 50.677  |
| 7)                          | B delta-BHC     | 4.647 | 5.077 | 113.5E6  | 145.7E6  | 47.781 | 53.032  |
| 8)                          | B Heptachlo...  | 5.185 | 5.894 | 94101385 | 127.0E6  | 47.729 | 48.554  |
| 9)                          | A Endosulfan I  | 5.524 | 6.252 | 87814768 | 129.3E6  | 48.326 | 44.963  |
| 10)                         | B gamma-Chl...  | 5.413 | 6.129 | 94246785 | 138.0E6  | 47.964 | 44.431  |
| 11)                         | B alpha-Chl...  | 5.471 | 6.202 | 92134428 | 135.5E6  | 47.207 | 43.584  |
| 12)                         | B 4,4'-DDE      | 5.636 | 6.361 | 87402296 | 129.1E6  | 47.500 | 44.670  |
| 13)                         | MA Dieldrin     | 5.767 | 6.510 | 92784109 | 134.6E6  | 48.212 | 45.067  |
| 14)                         | MA Endrin       | 6.024 | 6.729 | 77862251 | 105.9E6  | 42.814 | 41.703  |
| 15)                         | B Endosulfa...  | 6.296 | 6.939 | 80112883 | 112.8E6  | 44.882 | 43.857  |
| 16)                         | A 4,4'-DDD      | 6.151 | 6.852 | 73282207 | 105.4E6  | 46.356 | 45.142  |
| 17)                         | MA 4,4'-DDT     | 6.392 | 7.152 | 68012008 | 100.8E6  | 44.993 | 43.766  |
| 18)                         | B Endrin al...  | 6.464 | 7.063 | 71389318 | 100.4E6  | 47.145 | 46.010  |
| 19)                         | B Endosulfa...  | 6.678 | 7.287 | 85092678 | 116.5E6  | 49.689 | 48.058  |
| 20)                         | A Methoxychlor  | 6.938 | 7.613 | 41844652 | 57776212 | 46.614 | 44.690  |
| 21)                         | B Endrin ke...  | 7.167 | 7.760 | 98483104 | 121.9E6  | 51.019 | 48.957  |
| 22)                         | Mirex           | 7.356 | 8.216 | 71311140 | 87215818 | 50.069 | 50.123  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082620\  
Data File : PL060995.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Aug 2020 11:41  
Operator : DD\AJ  
Sample : PB131207BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

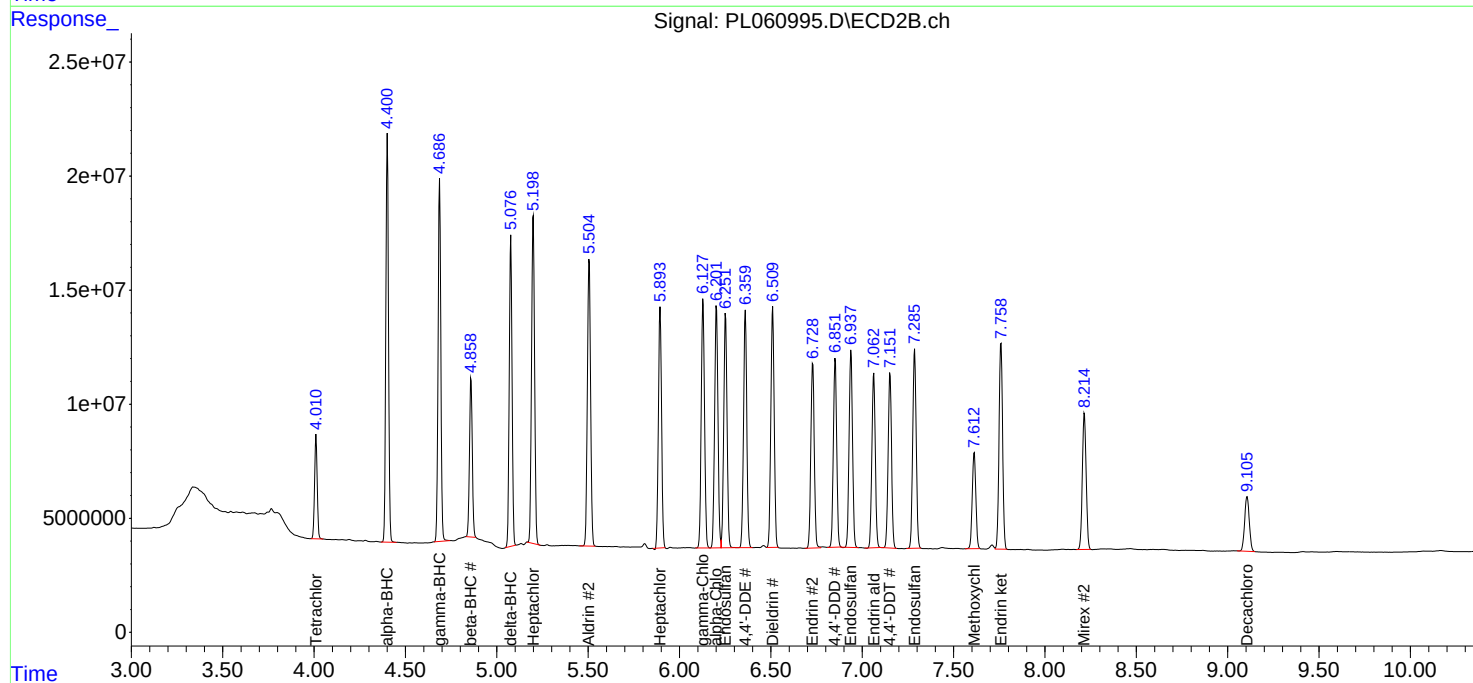
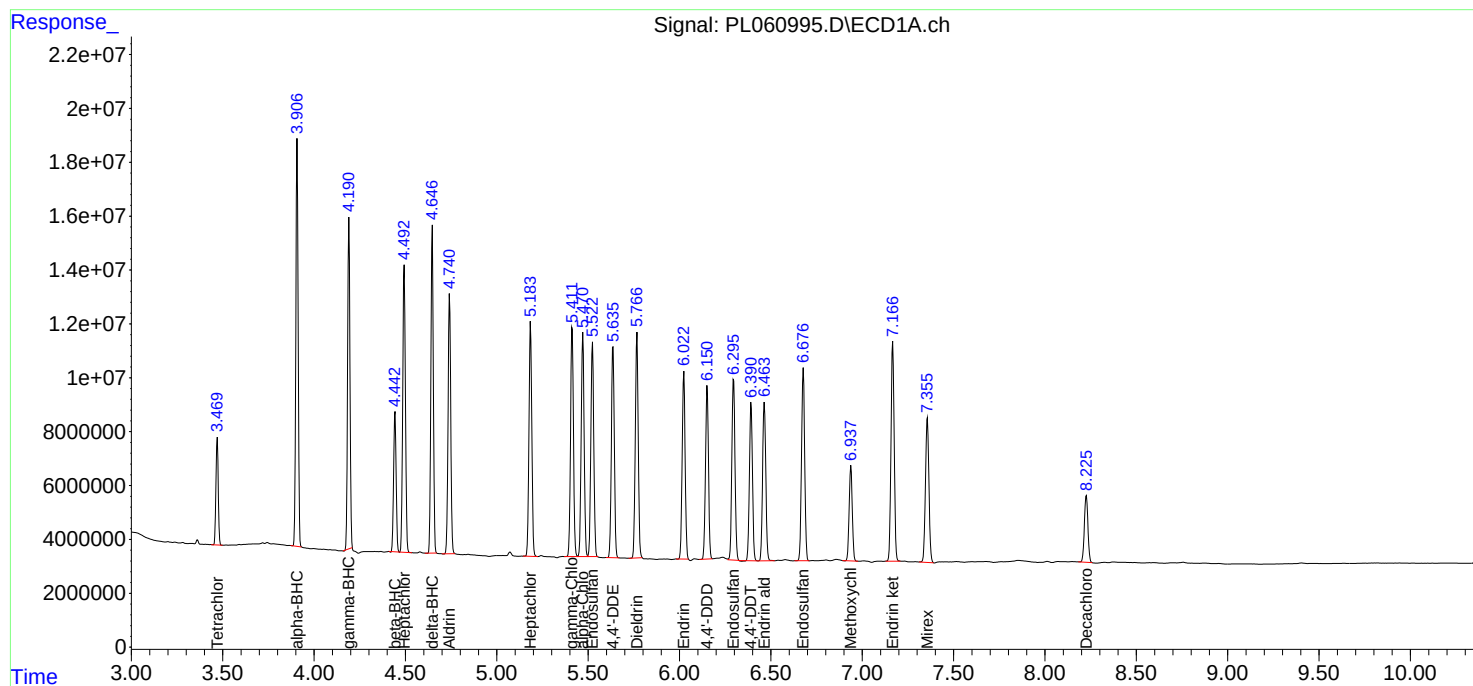
Instrument :  
ECD\_L  
ClientSampled :  
PB131207BS

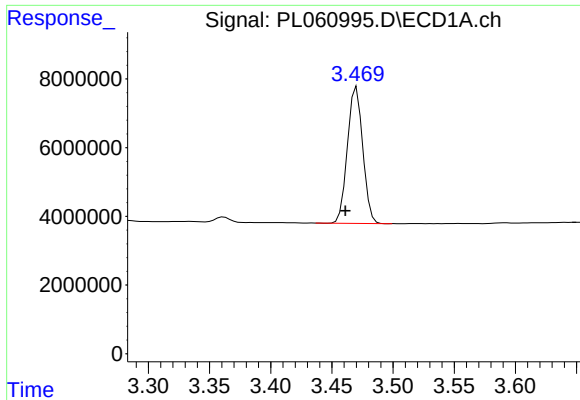
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 26 16:13:21 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 25 16:59:57 2020  
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





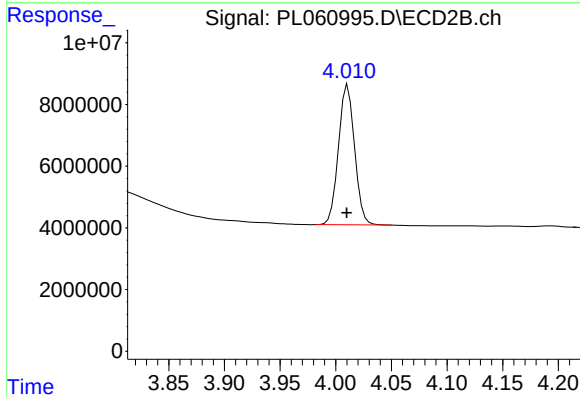
#1 Tetrachloro-m-xylene

R.T.: 3.470 min  
Delta R.T.: 0.009 min  
Response: 34594857  
Conc: 18.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

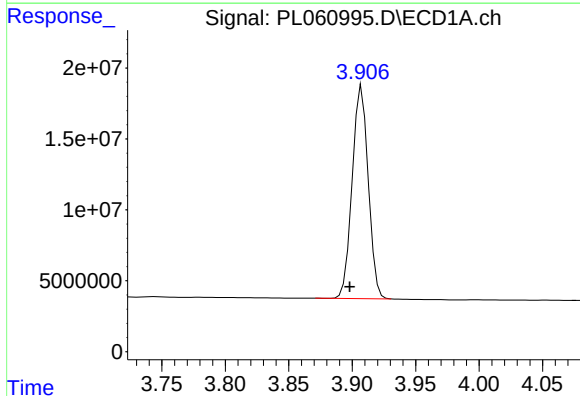
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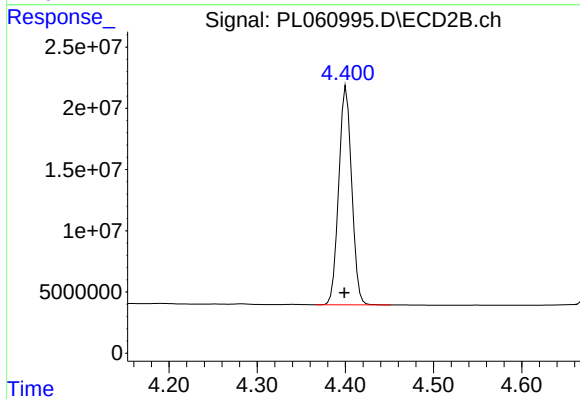
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: 0.001 min  
Response: 45745105  
Conc: 17.60 ng/ml



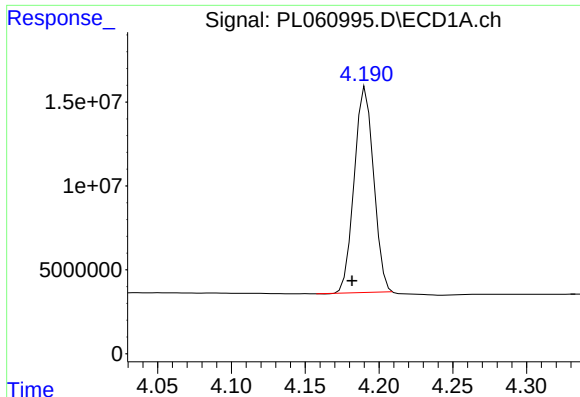
#2 alpha-BHC

R.T.: 3.908 min  
Delta R.T.: 0.009 min  
Response: 131824900  
Conc: 46.62 ng/ml



#2 alpha-BHC

R.T.: 4.401 min  
Delta R.T.: 0.002 min  
Response: 181989541  
Conc: 44.80 ng/ml



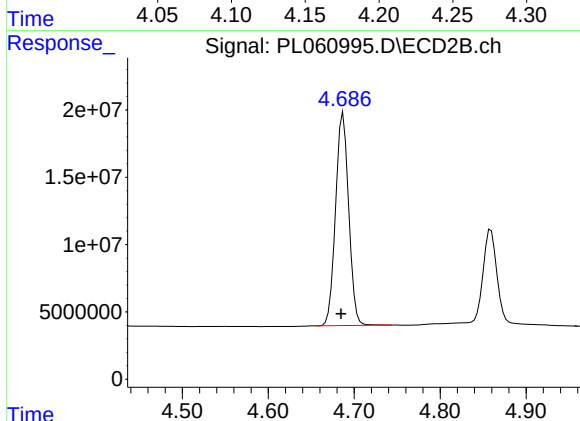
#3 gamma-BHC (Lindane)

R.T.: 4.191 min  
Delta R.T.: 0.009 min  
Response: 111824974  
Conc: 43.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

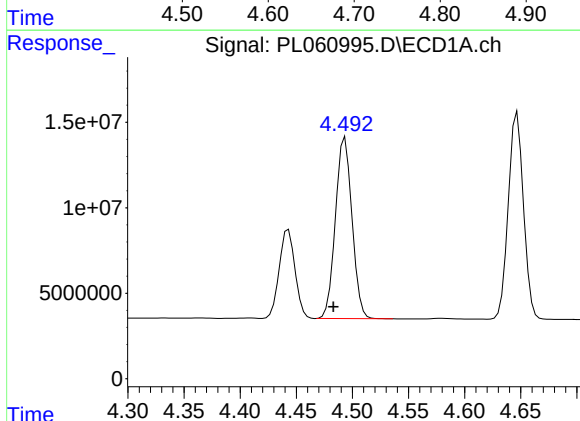
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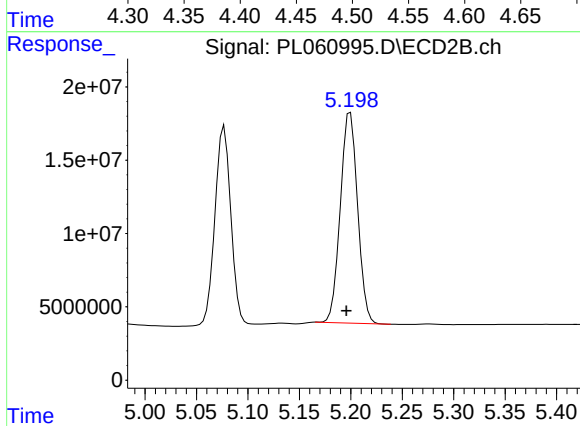
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: 0.001 min  
Response: 167003133  
Conc: 44.40 ng/ml m



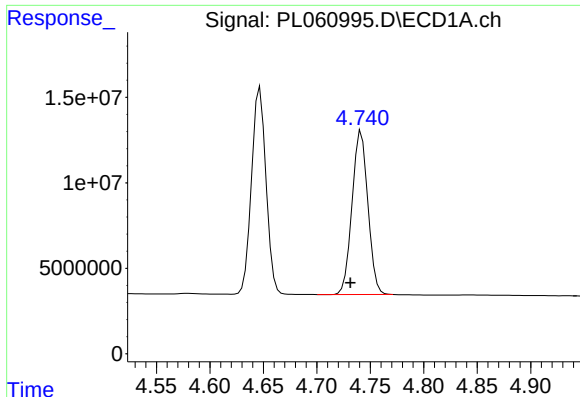
#4 Heptachlor

R.T.: 4.494 min  
Delta R.T.: 0.010 min  
Response: 109045545  
Conc: 46.46 ng/ml



#4 Heptachlor

R.T.: 5.200 min  
Delta R.T.: 0.004 min  
Response: 167808319  
Conc: 45.86 ng/ml



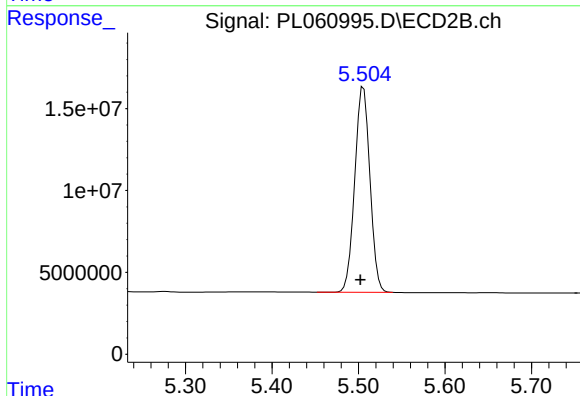
#5 Aldrin

R.T.: 4.742 min  
Delta R.T.: 0.010 min  
Response: 98774998  
Conc: 47.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

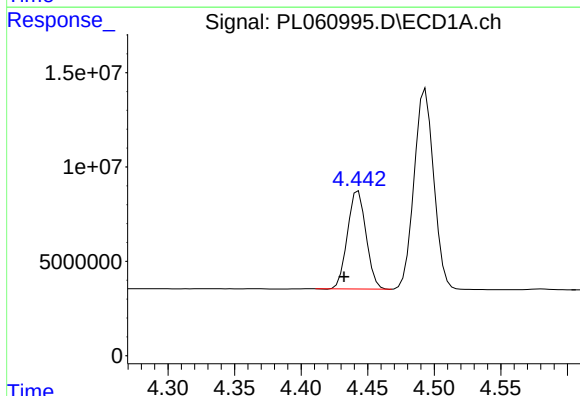
Manual Integrations  
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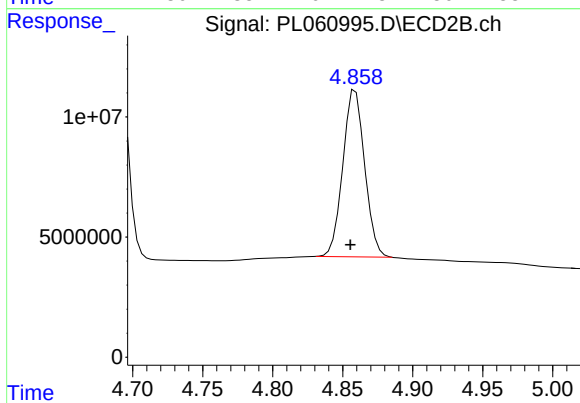
#5 Aldrin

R.T.: 5.506 min  
Delta R.T.: 0.004 min  
Response: 153067771  
Conc: 45.42 ng/ml



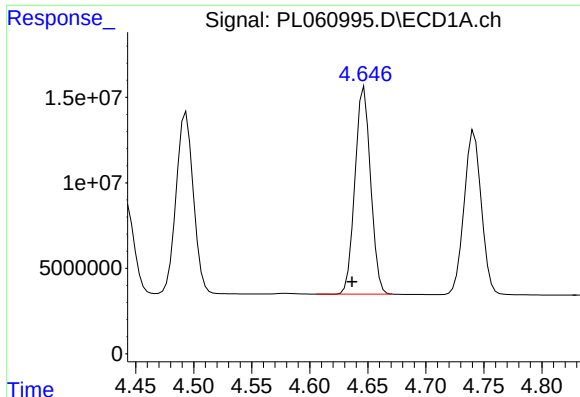
#6 beta-BHC

R.T.: 4.443 min  
Delta R.T.: 0.011 min  
Response: 50474854  
Conc: 49.41 ng/ml



#6 beta-BHC

R.T.: 4.859 min  
Delta R.T.: 0.004 min  
Response: 75473179  
Conc: 50.68 ng/ml



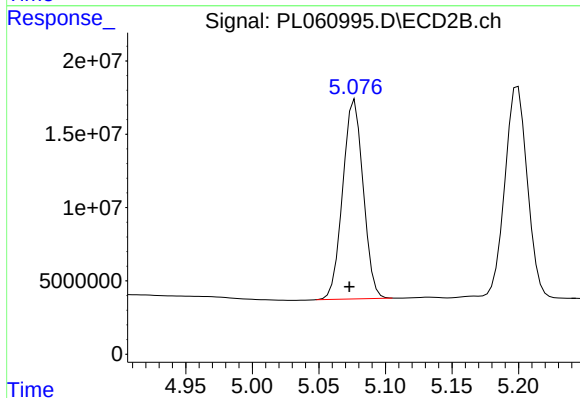
#7 delta-BHC

R.T.: 4.647 min  
Delta R.T.: 0.011 min  
Response: 113534110  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

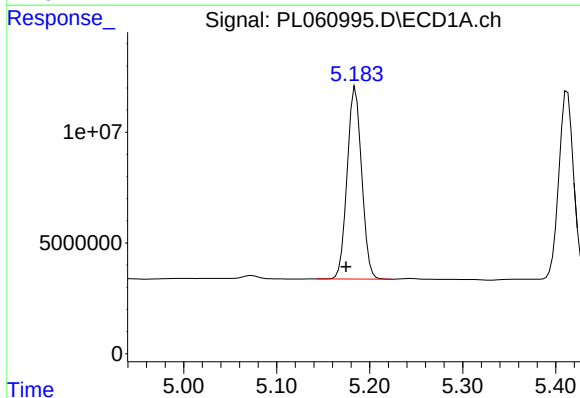
Manual Integrations  
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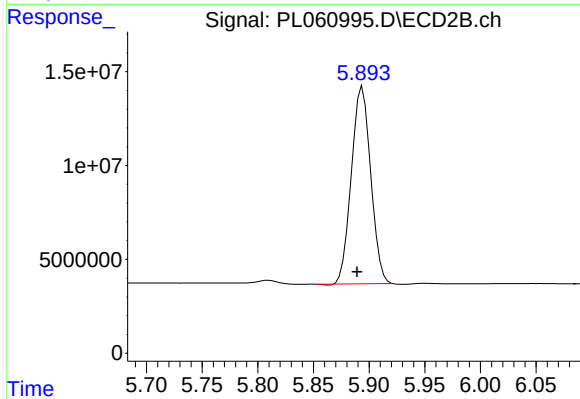
#7 delta-BHC

R.T.: 5.077 min  
Delta R.T.: 0.004 min  
Response: 145670220  
Conc: 53.03 ng/ml



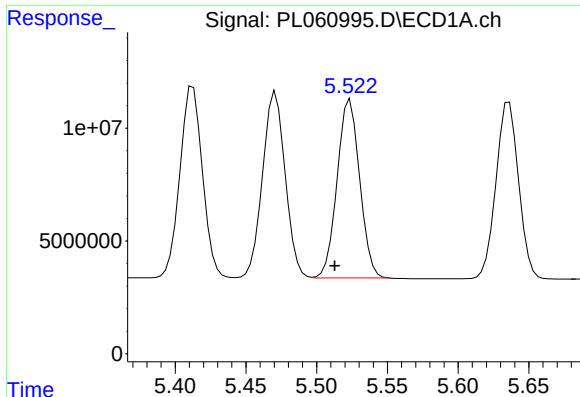
#8 Heptachlor epoxide

R.T.: 5.185 min  
Delta R.T.: 0.010 min  
Response: 94101385  
Conc: 47.73 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min  
Delta R.T.: 0.005 min  
Response: 127002952  
Conc: 48.55 ng/ml



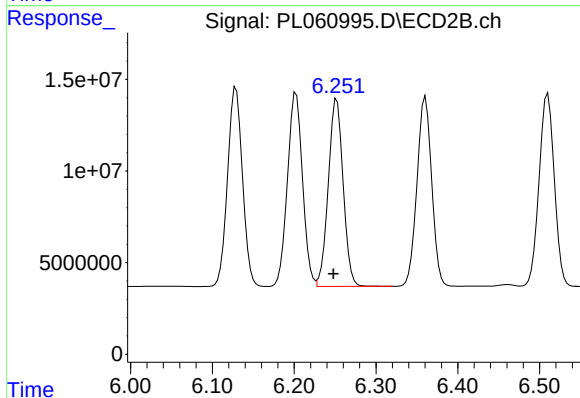
#9 Endosulfan I

R.T.: 5.524 min  
Delta R.T.: 0.011 min  
Response: 87814768  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

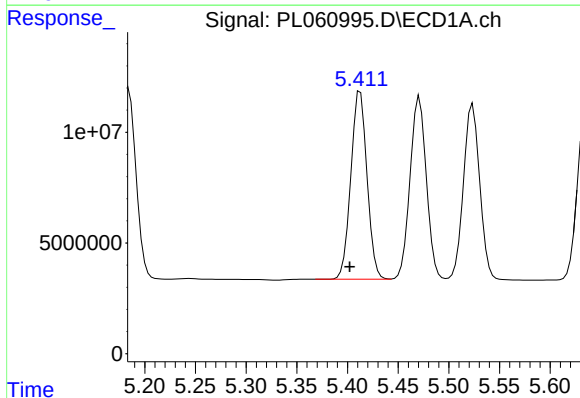
Manual Integrations  
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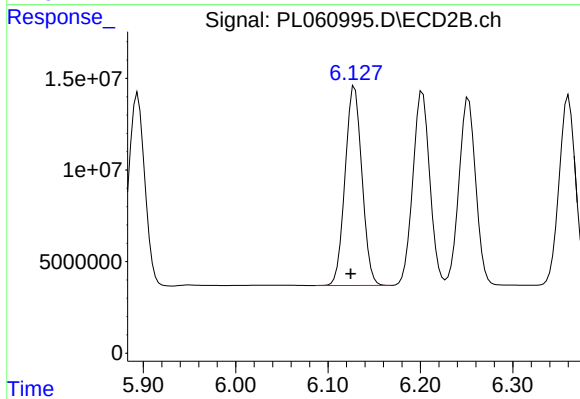
#9 Endosulfan I

R.T.: 6.252 min  
Delta R.T.: 0.004 min  
Response: 129272067  
Conc: 44.96 ng/ml



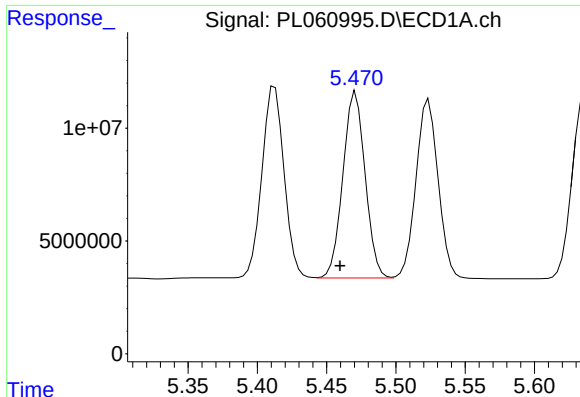
#10 gamma-Chlordane

R.T.: 5.413 min  
Delta R.T.: 0.010 min  
Response: 94246785  
Conc: 47.96 ng/ml



#10 gamma-Chlordane

R.T.: 6.129 min  
Delta R.T.: 0.004 min  
Response: 138001834  
Conc: 44.43 ng/ml



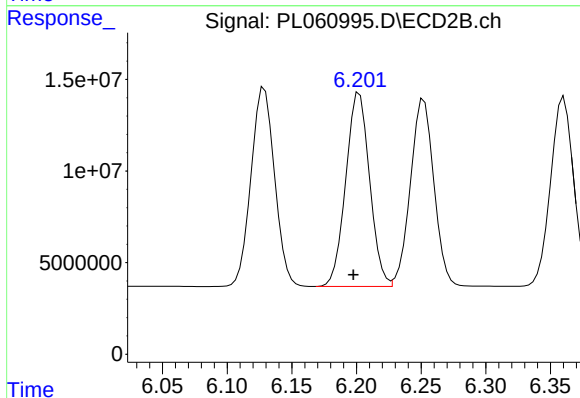
#11 alpha-Chlordane

R.T.: 5.471 min  
Delta R.T.: 0.011 min  
Response: 92134428  
Conc: 47.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

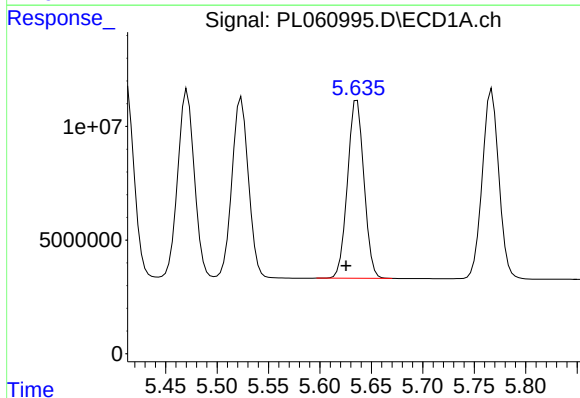
Manual Integrations  
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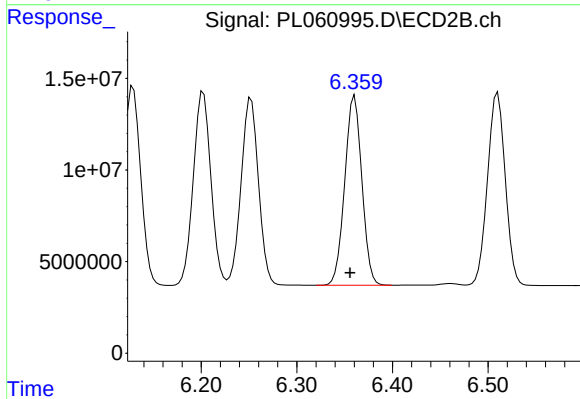
#11 alpha-Chlordane

R.T.: 6.202 min  
Delta R.T.: 0.004 min  
Response: 135501541  
Conc: 43.58 ng/ml



#12 4,4'-DDE

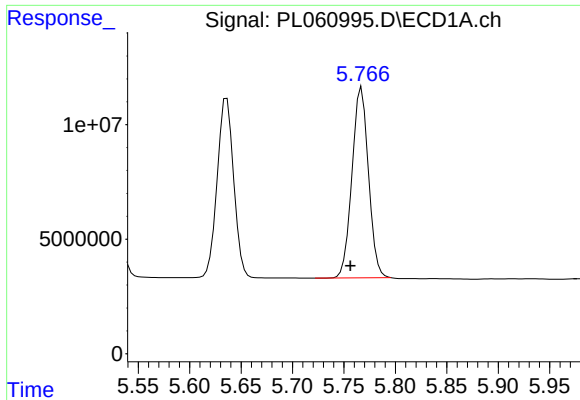
R.T.: 5.636 min  
Delta R.T.: 0.011 min  
Response: 87402296  
Conc: 47.50 ng/ml



#12 4,4'-DDE

R.T.: 6.361 min  
Delta R.T.: 0.005 min  
Response: 129108350  
Conc: 44.67 ng/ml





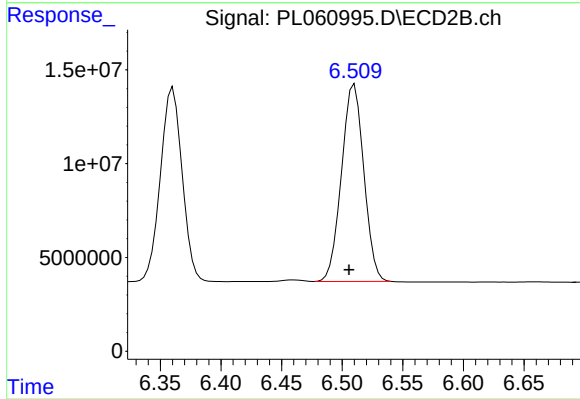
#13 Dieldrin

R.T.: 5.767 min  
Delta R.T.: 0.011 min  
Response: 92784109  
Conc: 48.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

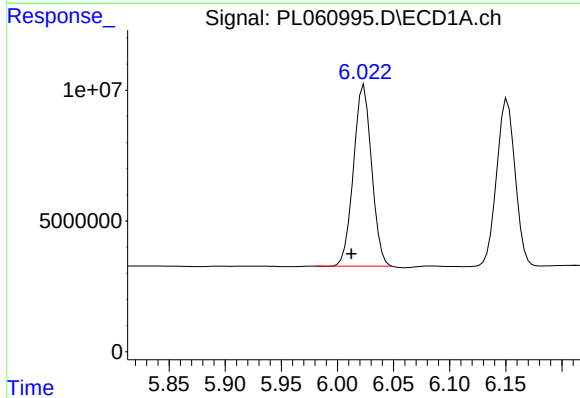
Manual Integrations  
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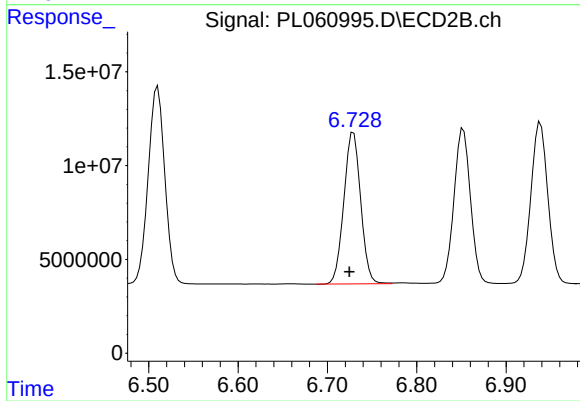
#13 Dieldrin

R.T.: 6.510 min  
Delta R.T.: 0.004 min  
Response: 134587073  
Conc: 45.07 ng/ml



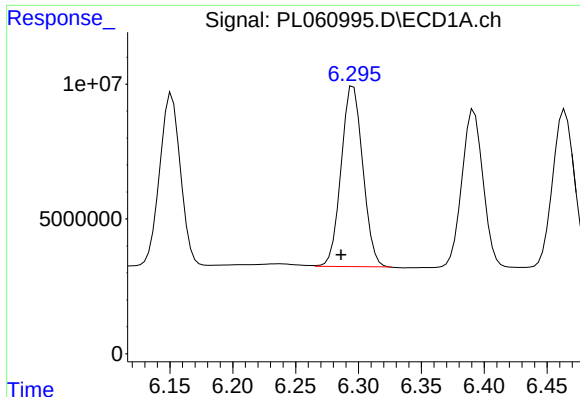
#14 Endrin

R.T.: 6.024 min  
Delta R.T.: 0.011 min  
Response: 77862251  
Conc: 42.81 ng/ml



#14 Endrin

R.T.: 6.729 min  
Delta R.T.: 0.005 min  
Response: 105919455  
Conc: 41.70 ng/ml



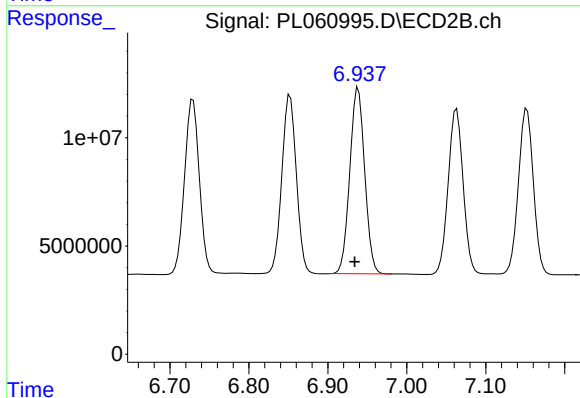
#15 Endosulfan II

R.T.: 6.296 min  
Delta R.T.: 0.010 min  
Response: 80112883  
Conc: 44.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

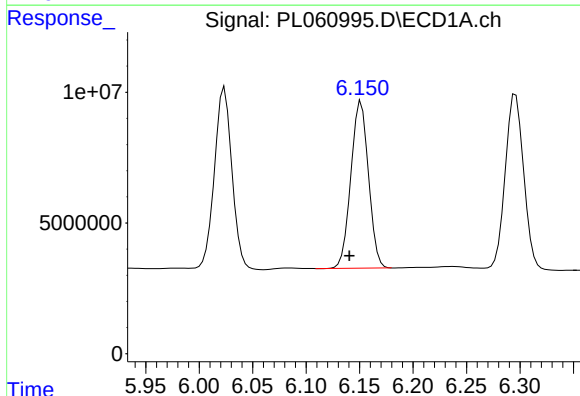
Manual Integrations  
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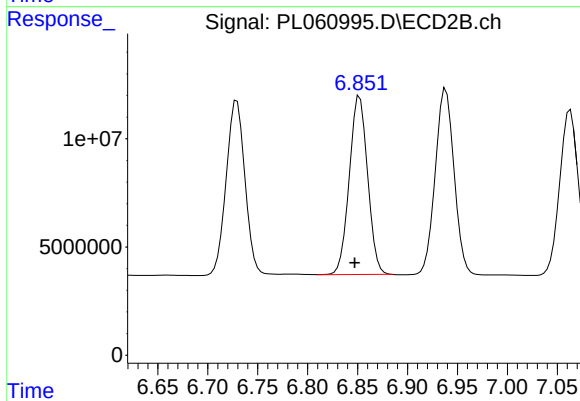
#15 Endosulfan II

R.T.: 6.939 min  
Delta R.T.: 0.004 min  
Response: 112818672  
Conc: 43.86 ng/ml



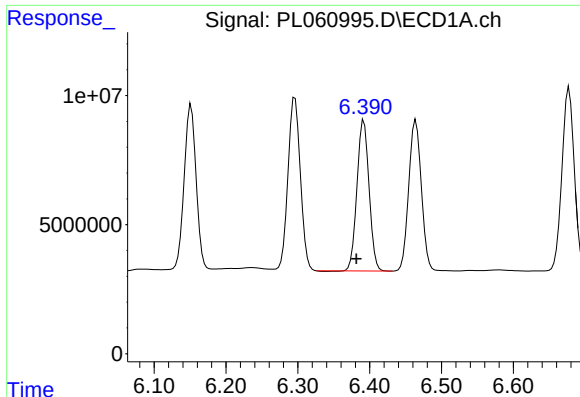
#16 4,4'-DDD

R.T.: 6.151 min  
Delta R.T.: 0.011 min  
Response: 73282207  
Conc: 46.36 ng/ml



#16 4,4'-DDD

R.T.: 6.852 min  
Delta R.T.: 0.005 min  
Response: 105423596  
Conc: 45.14 ng/ml



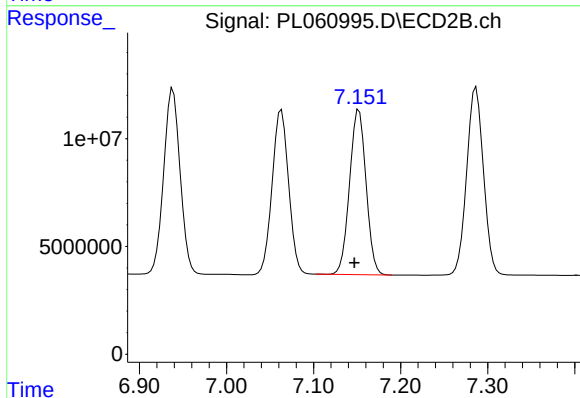
#17 4,4'-DDT

R.T.: 6.392 min  
Delta R.T.: 0.010 min  
Response: 68012008  
Conc: 44.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

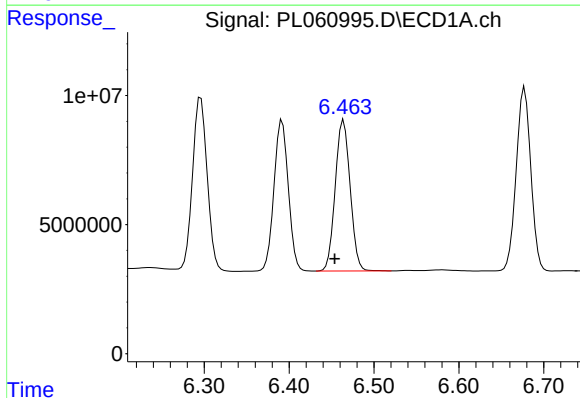
Manual Integrations  
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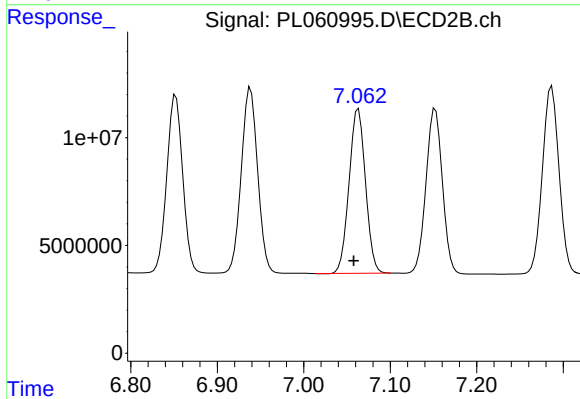
#17 4,4'-DDT

R.T.: 7.152 min  
Delta R.T.: 0.005 min  
Response: 100792233  
Conc: 43.77 ng/ml



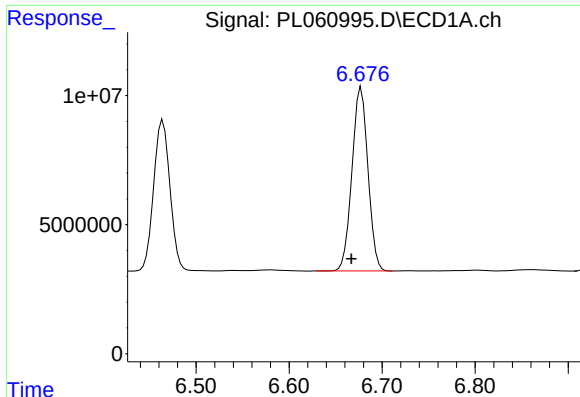
#18 Endrin aldehyde

R.T.: 6.464 min  
Delta R.T.: 0.010 min  
Response: 71389318  
Conc: 47.15 ng/ml



#18 Endrin aldehyde

R.T.: 7.063 min  
Delta R.T.: 0.005 min  
Response: 100374674  
Conc: 46.01 ng/ml



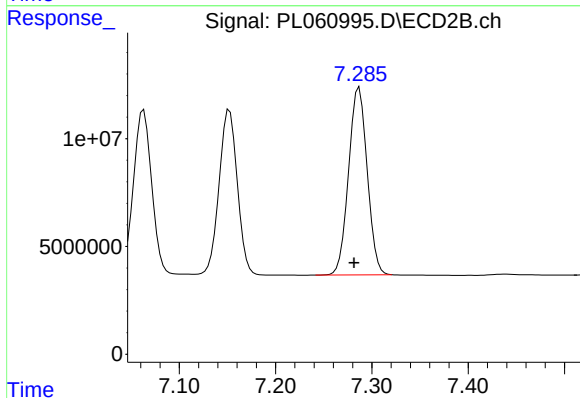
#19 Endosulfan Sulfate

R.T.: 6.678 min  
Delta R.T.: 0.011 min  
Response: 85092678  
Conc: 49.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

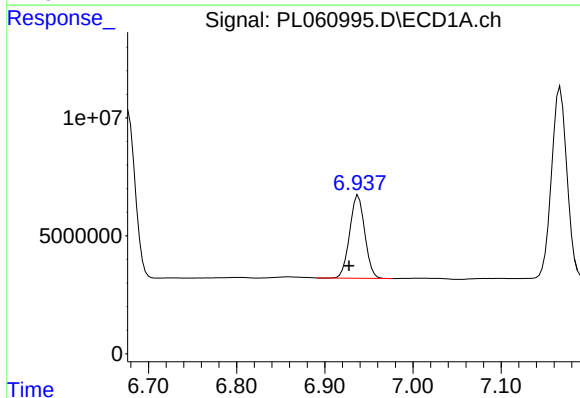
Manual Integrations  
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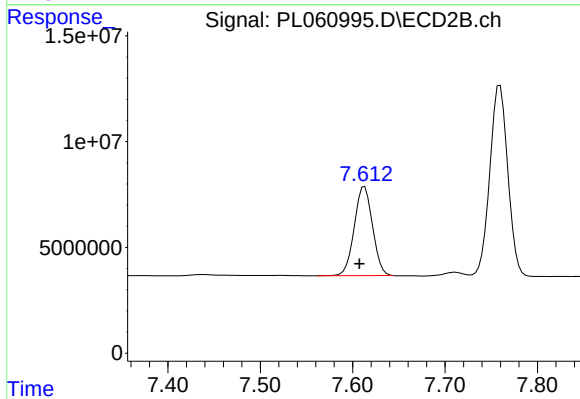
#19 Endosulfan Sulfate

R.T.: 7.287 min  
Delta R.T.: 0.005 min  
Response: 116475838  
Conc: 48.06 ng/ml



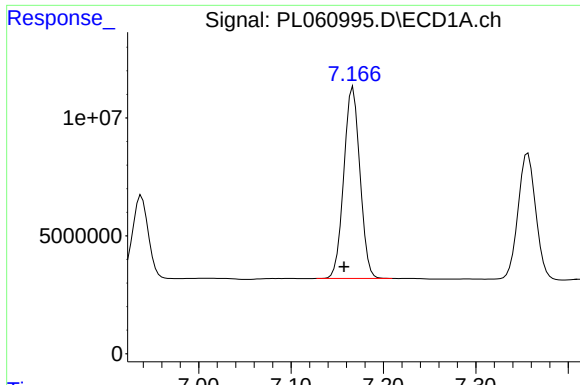
#20 Methoxychlor

R.T.: 6.938 min  
Delta R.T.: 0.010 min  
Response: 41844652  
Conc: 46.61 ng/ml



#20 Methoxychlor

R.T.: 7.613 min  
Delta R.T.: 0.006 min  
Response: 57776212  
Conc: 44.69 ng/ml



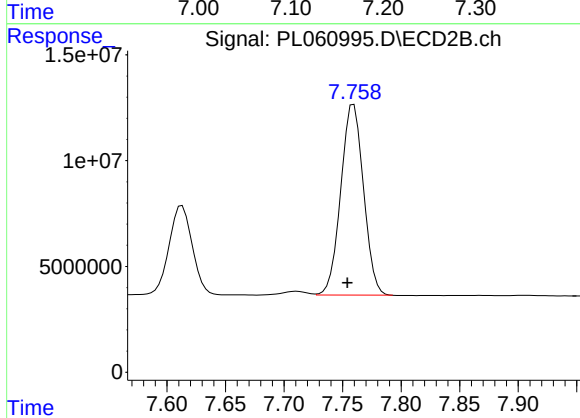
#21 Endrin ketone

R.T.: 7.167 min  
Delta R.T.: 0.010 min  
Response: 98483104  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

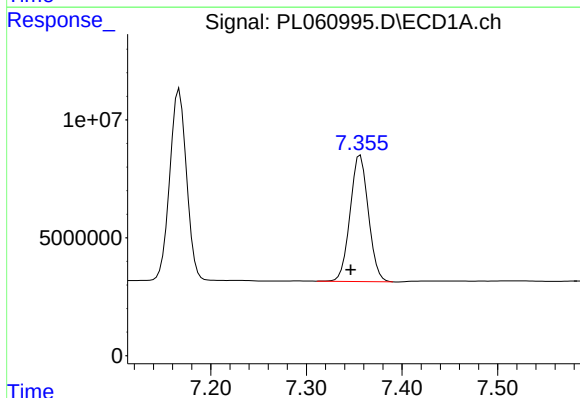
Manual Integrations  
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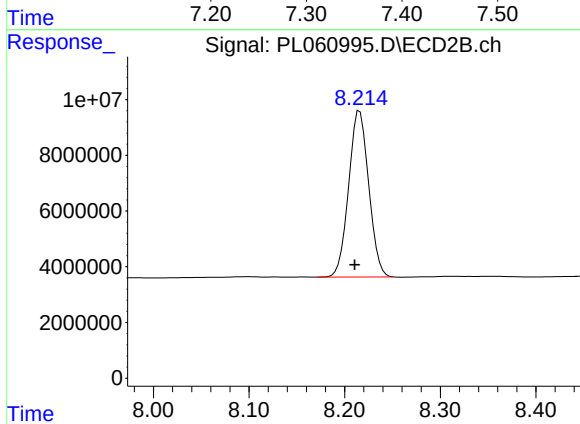
#21 Endrin ketone

R.T.: 7.760 min  
Delta R.T.: 0.005 min  
Response: 121854560  
Conc: 48.96 ng/ml



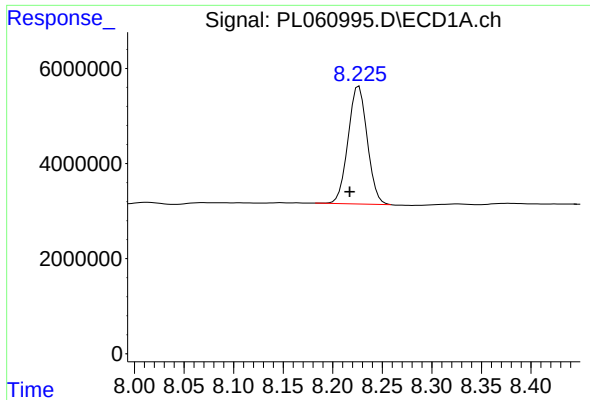
#22 Mirex

R.T.: 7.356 min  
Delta R.T.: 0.010 min  
Response: 71311140  
Conc: 50.07 ng/ml



#22 Mirex

R.T.: 8.216 min  
Delta R.T.: 0.005 min  
Response: 87215818  
Conc: 50.12 ng/ml



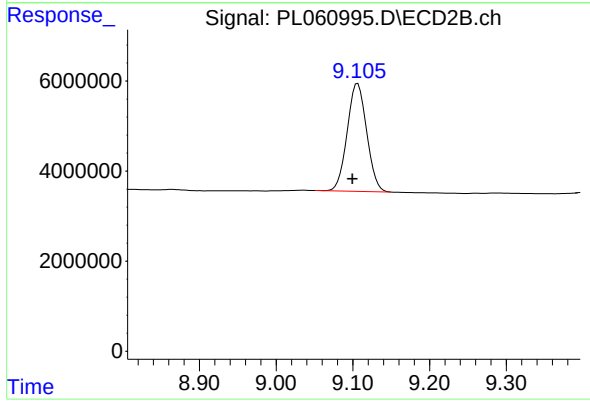
#28 Decachlorobiphenyl

R.T.: 8.226 min  
Delta R.T.: 0.009 min  
Response: 33333526  
Conc: 19.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131207BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.106 min  
Delta R.T.: 0.007 min  
Response: 42495136  
Conc: 20.14 ng/ml