

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080320\  
 Data File : PL060466.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Aug 2020 15:27  
 Operator : DD\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: Aug 03 18:12:25 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 30 04:13:43 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... | 3.468 | 4.011 | 93947498 | 135.8E6  | 47.137  | 51.918 |
| 28)                         | SA Decachlor... | 8.225 | 9.102 | 80768776 | 91838672 | 52.926  | 51.060 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.905 | 4.401 | 138.3E6  | 196.0E6  | 47.412  | 51.198 |
| 3)                          | MA gamma-BHC... | 4.189 | 4.687 | 120.8E6  | 183.0E6  | 47.602  | 50.818 |
| 4)                          | MA Heptachlor   | 4.491 | 5.198 | 108.7E6  | 171.5E6  | 46.640  | 50.378 |
| 5)                          | MB Aldrin       | 4.739 | 5.504 | 94659818 | 157.6E6  | 47.755  | 51.339 |
| 6)                          | B beta-BHC      | 4.440 | 4.858 | 47790557 | 77874625 | 47.122  | 51.788 |
| 7)                          | B delta-BHC     | 4.644 | 5.075 | 108.9E6  | 149.2E6  | 48.017  | 58.932 |
| 8)                          | B Heptachlo...  | 5.183 | 5.892 | 88126699 | 136.3E6  | 46.487  | 56.271 |
| 9)                          | A Endosulfan I  | 5.521 | 6.250 | 80443074 | 133.3E6  | 48.108  | 49.295 |
| 10)                         | B gamma-Chl...  | 5.410 | 6.127 | 86430206 | 144.6E6  | 47.703  | 51.138 |
| 11)                         | B alpha-Chl...  | 5.468 | 6.200 | 86212784 | 145.4E6  | 47.841  | 49.794 |
| 12)                         | B 4,4'-DDE      | 5.634 | 6.357 | 79804713 | 133.5E6  | 47.338  | 50.469 |
| 13)                         | MA Dieldrin     | 5.764 | 6.507 | 84241963 | 137.1E6  | 47.597  | 49.985 |
| 14)                         | MA Endrin       | 6.021 | 6.726 | 76608194 | 114.9E6  | 45.958  | 49.054 |
| 15)                         | B Endosulfa...  | 6.293 | 6.936 | 77998762 | 117.7E6  | 45.944m | 48.853 |
| 16)                         | A 4,4'-DDD      | 6.149 | 6.849 | 70354776 | 110.0E6  | 48.692  | 52.799 |
| 17)                         | MA 4,4'-DDT     | 6.390 | 7.149 | 62491508 | 97975820 | 45.747  | 48.445 |
| 18)                         | B Endrin al...  | 6.462 | 7.060 | 65930475 | 102.5E6  | 45.894  | 51.152 |
| 19)                         | B Endosulfa...  | 6.675 | 7.284 | 75066872 | 112.0E6  | 47.109  | 50.944 |
| 20)                         | A Methoxychlor  | 6.936 | 7.610 | 38134995 | 56748043 | 46.615  | 49.278 |
| 21)                         | B Endrin ke...  | 7.165 | 7.756 | 85801502 | 115.6E6  | 50.892  | 52.475 |
| 22)                         | Mirex           | 7.354 | 8.212 | 67133354 | 83911463 | 49.174  | 53.585 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080320\  
Data File : PL060466.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Aug 2020 15:27  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

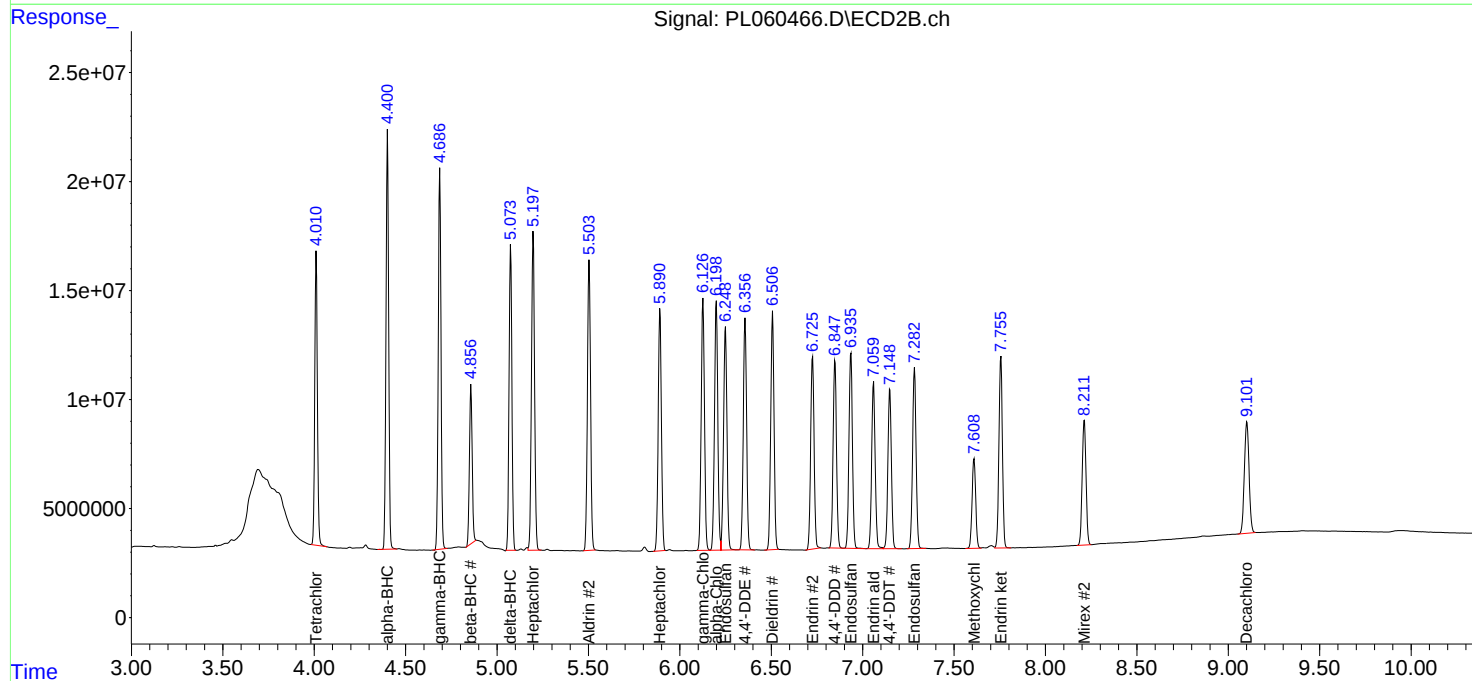
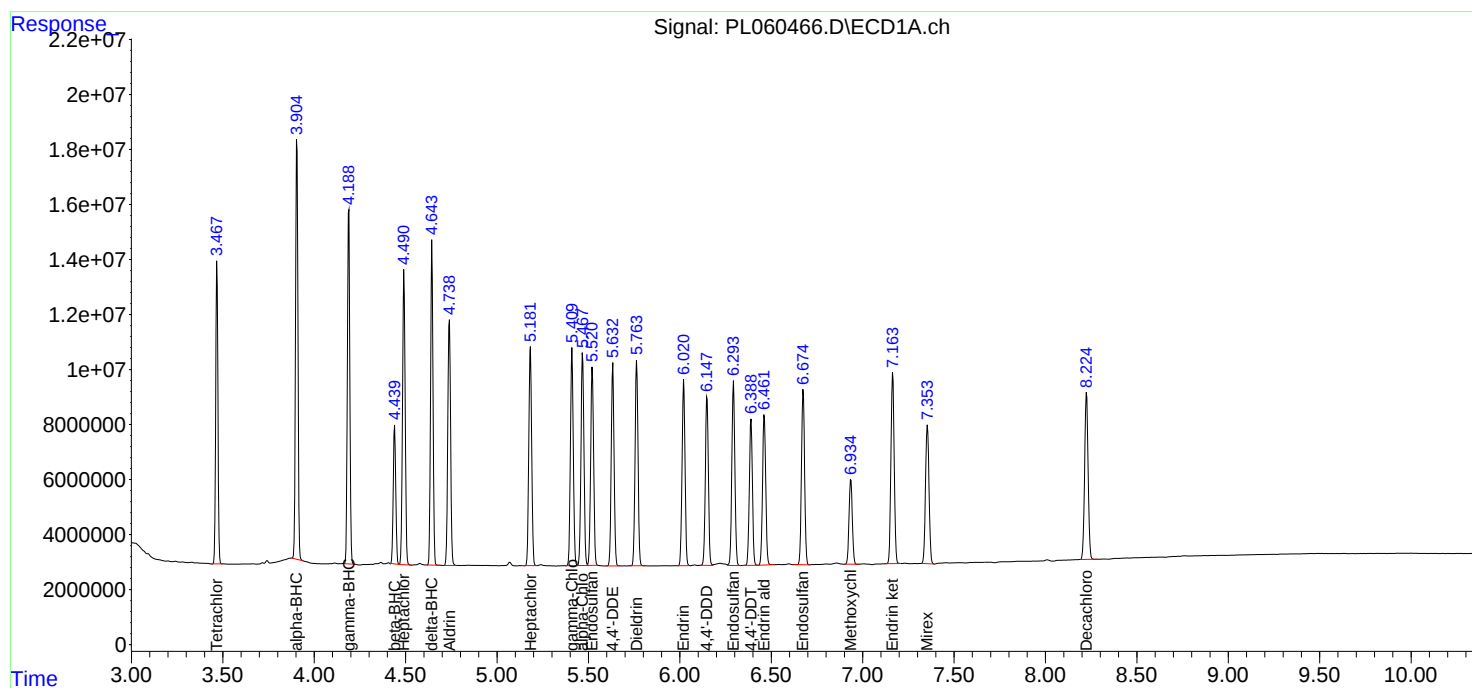
Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

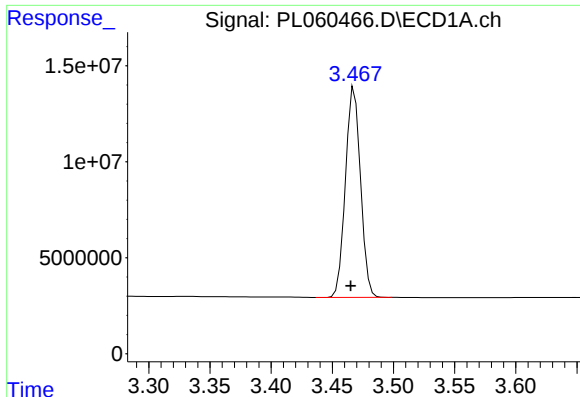
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 18:12:25 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 30 04:13:43 2020  
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





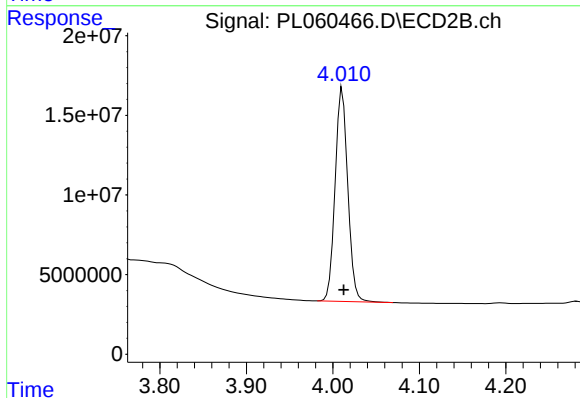
#1 Tetrachloro-m-xylene

R.T.: 3.468 min  
Delta R.T.: 0.003 min  
Response: 93947498  
Conc: 47.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

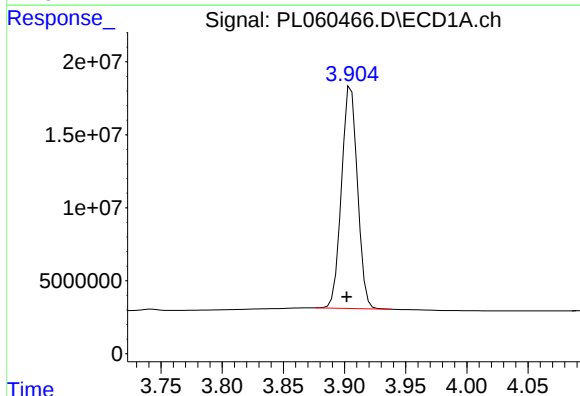
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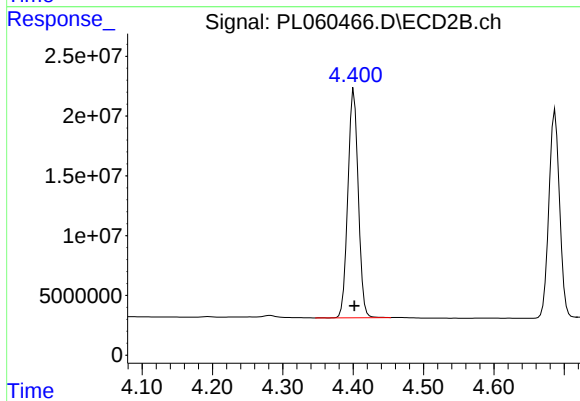
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: -0.001 min  
Response: 135797487  
Conc: 51.92 ng/ml



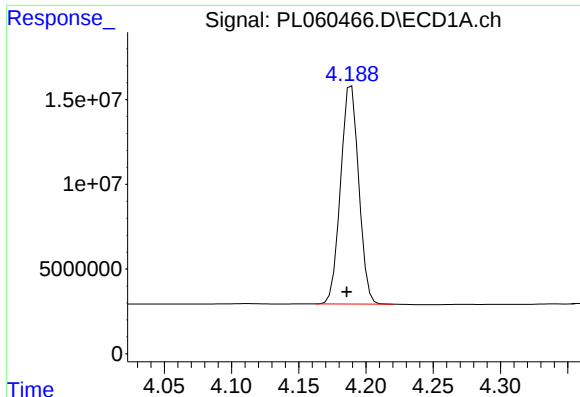
#2 alpha-BHC

R.T.: 3.905 min  
Delta R.T.: 0.004 min  
Response: 138277088  
Conc: 47.41 ng/ml



#2 alpha-BHC

R.T.: 4.401 min  
Delta R.T.: 0.000 min  
Response: 195968264  
Conc: 51.20 ng/ml



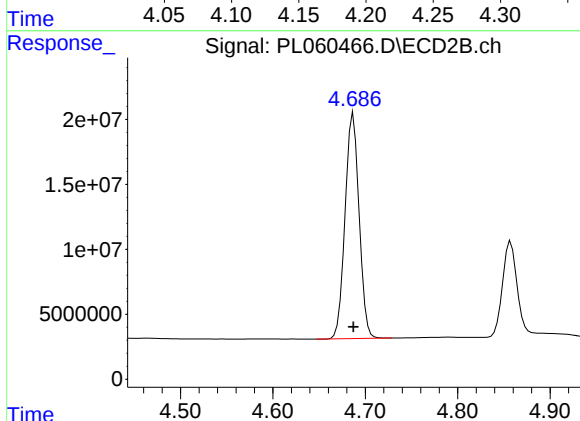
#3 gamma-BHC (Lindane)

R.T.: 4.189 min  
Delta R.T.: 0.003 min  
Response: 120806120  
Conc: 47.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

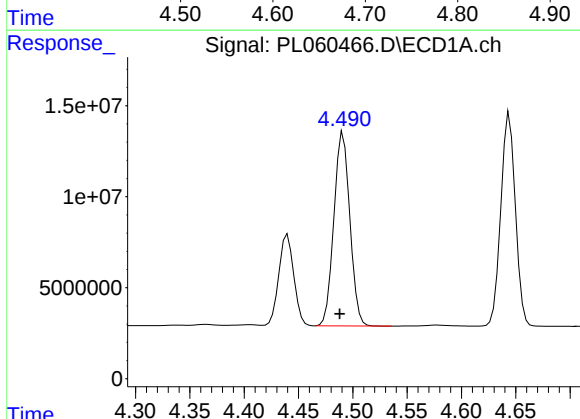
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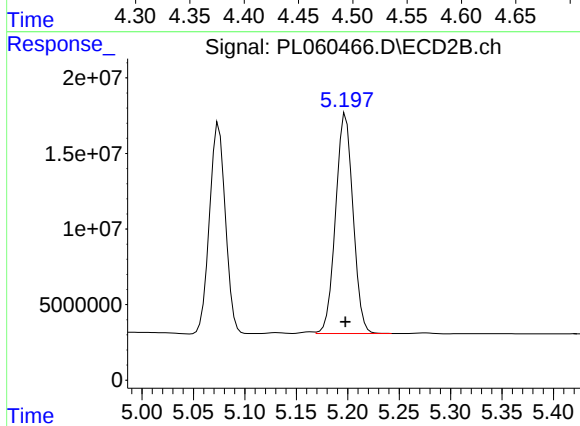
#3 gamma-BHC (Lindane)

R.T.: 4.687 min  
Delta R.T.: 0.000 min  
Response: 183010622  
Conc: 50.82 ng/ml



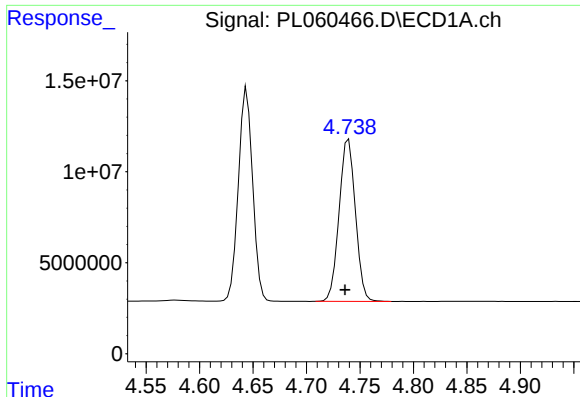
#4 Heptachlor

R.T.: 4.491 min  
Delta R.T.: 0.003 min  
Response: 108693779  
Conc: 46.64 ng/ml



#4 Heptachlor

R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 171467055  
Conc: 50.38 ng/ml



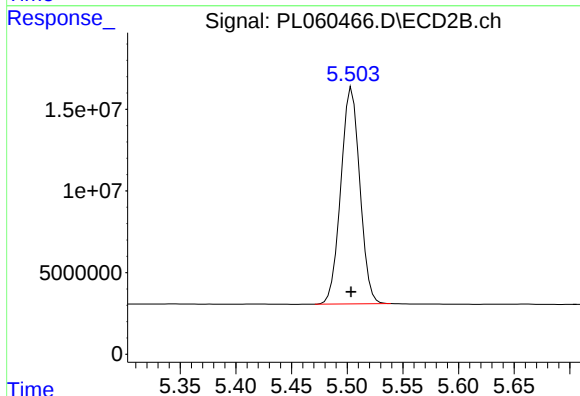
#5 Aldrin

R.T.: 4.739 min  
Delta R.T.: 0.003 min  
Response: 94659818  
Conc: 47.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

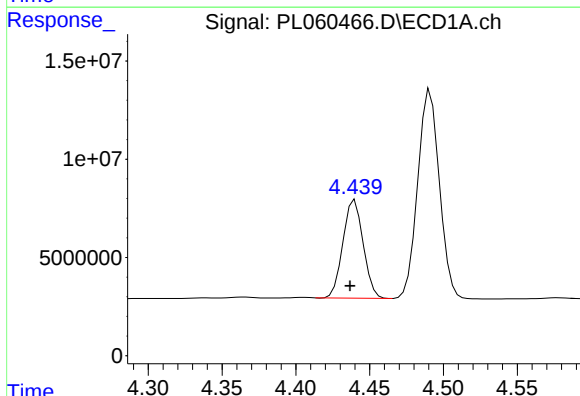
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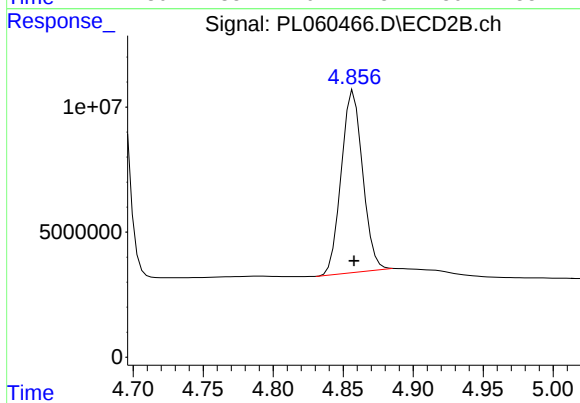
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 157552050  
Conc: 51.34 ng/ml



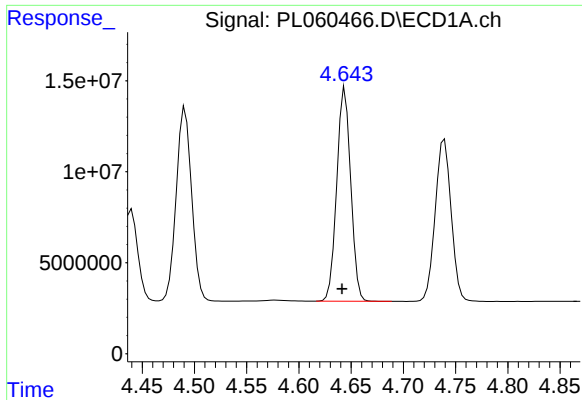
#6 beta-BHC

R.T.: 4.440 min  
Delta R.T.: 0.003 min  
Response: 47790557  
Conc: 47.12 ng/ml



#6 beta-BHC

R.T.: 4.858 min  
Delta R.T.: 0.000 min  
Response: 77874625  
Conc: 51.79 ng/ml



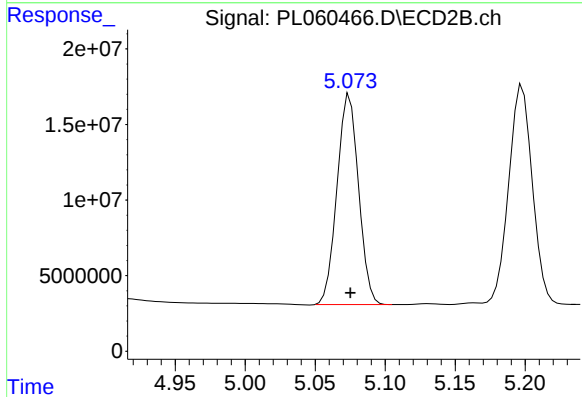
#7 delta-BHC

R.T.: 4.644 min  
Delta R.T.: 0.003 min  
Response: 108918769  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

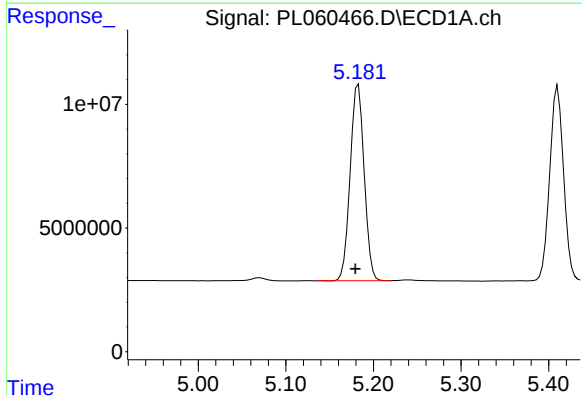
Manual Integrations  
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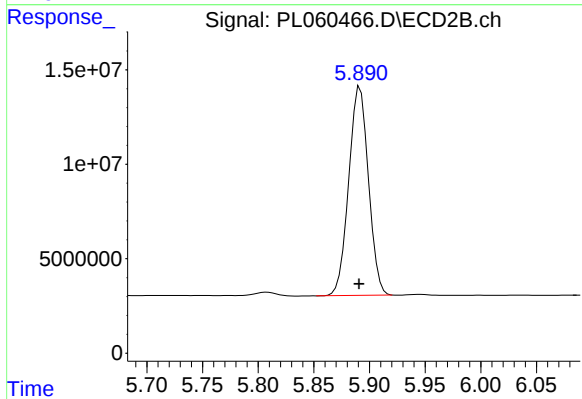
#7 delta-BHC

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 149171463  
Conc: 58.93 ng/ml



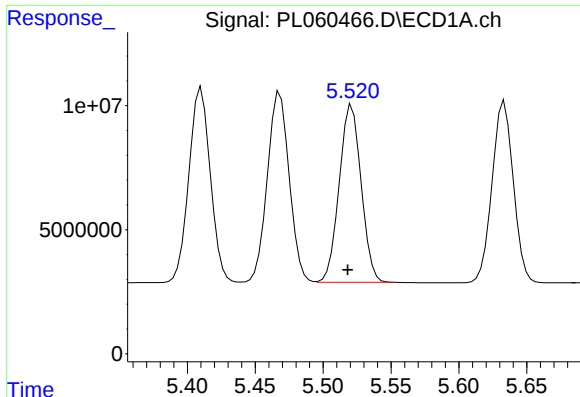
#8 Heptachlor epoxide

R.T.: 5.183 min  
Delta R.T.: 0.003 min  
Response: 88126699  
Conc: 46.49 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min  
Delta R.T.: 0.000 min  
Response: 136349011  
Conc: 56.27 ng/ml



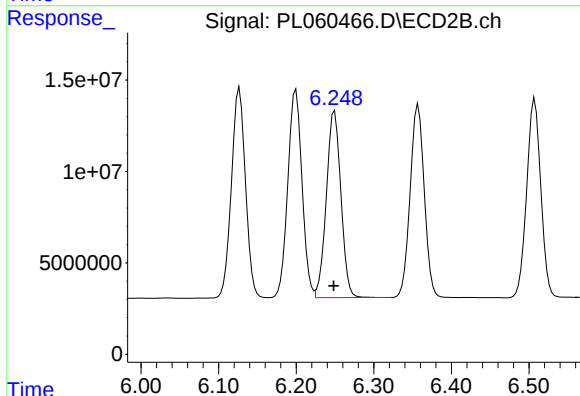
#9 Endosulfan I

R.T.: 5.521 min  
Delta R.T.: 0.003 min  
Response: 80443074  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

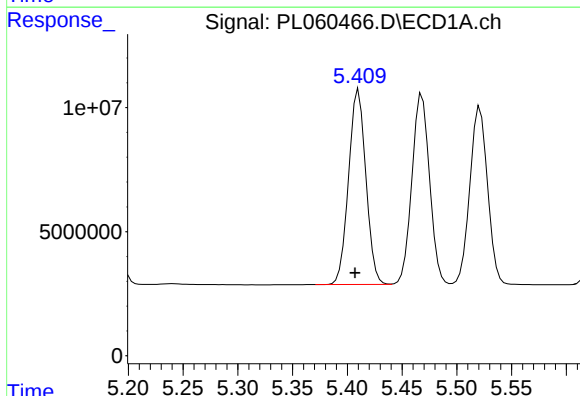
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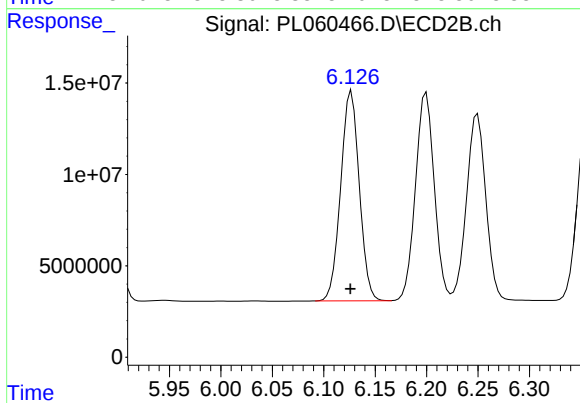
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 133297364  
Conc: 49.30 ng/ml



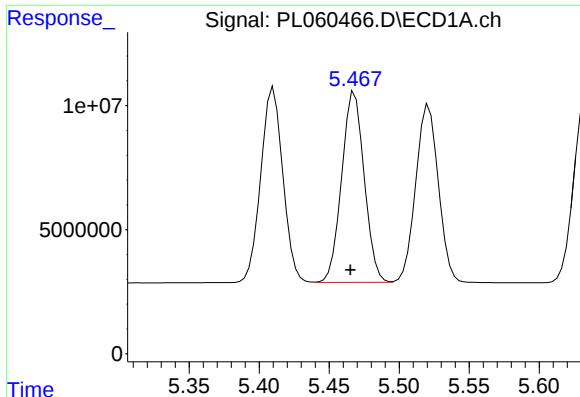
#10 gamma-Chlordane

R.T.: 5.410 min  
Delta R.T.: 0.003 min  
Response: 86430206  
Conc: 47.70 ng/ml



#10 gamma-Chlordane

R.T.: 6.127 min  
Delta R.T.: 0.001 min  
Response: 144594598  
Conc: 51.14 ng/ml



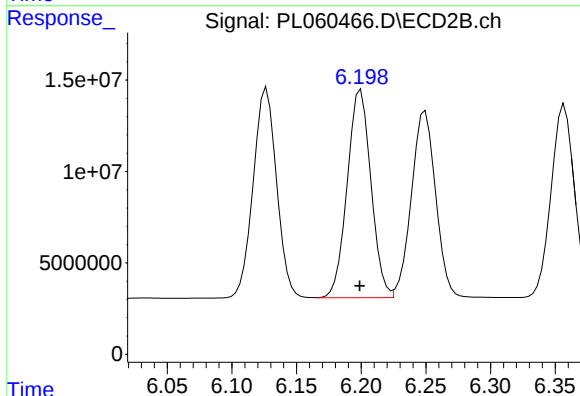
#11 alpha-Chlordane

R.T.: 5.468 min  
Delta R.T.: 0.003 min  
Response: 86212784  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

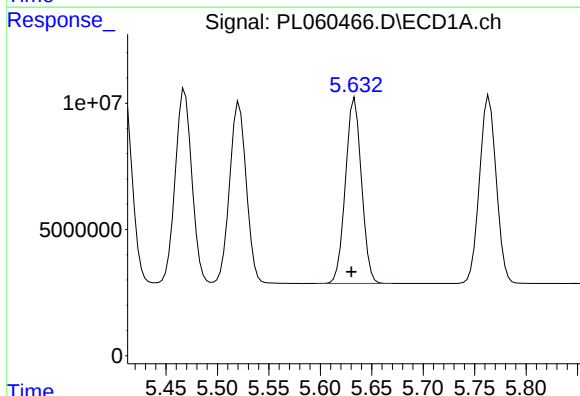
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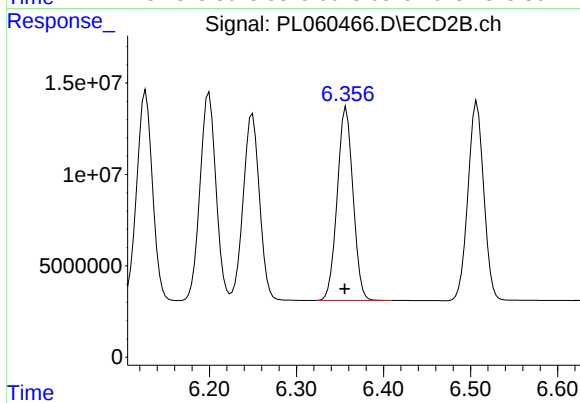
#11 alpha-Chlordane

R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 145367403  
Conc: 49.79 ng/ml



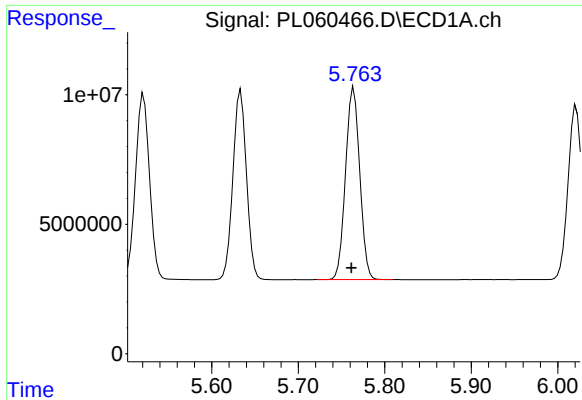
#12 4,4'-DDE

R.T.: 5.634 min  
Delta R.T.: 0.003 min  
Response: 79804713  
Conc: 47.34 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min  
Delta R.T.: 0.002 min  
Response: 133491028  
Conc: 50.47 ng/ml



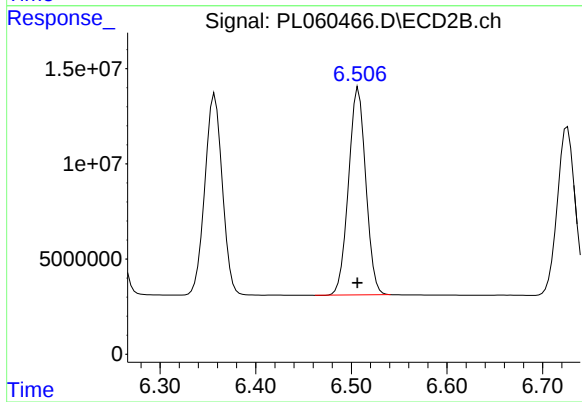
#13 Dieldrin

R.T.: 5.764 min  
Delta R.T.: 0.003 min  
Response: 84241963  
Conc: 47.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

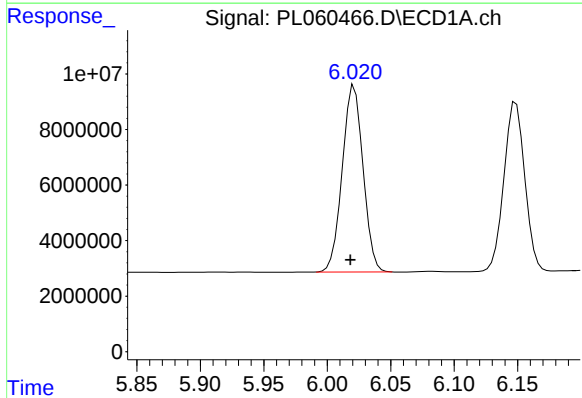
Manual Integrations  
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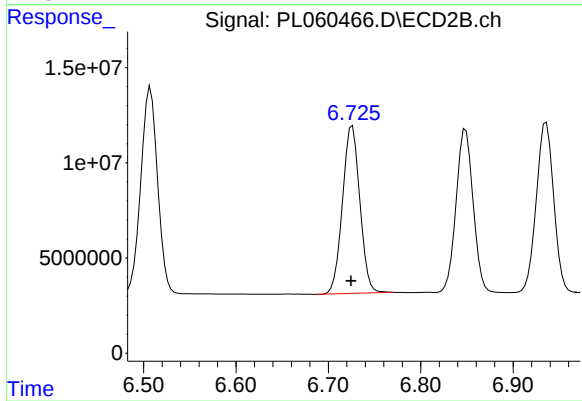
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: 0.001 min  
Response: 137060033  
Conc: 49.98 ng/ml



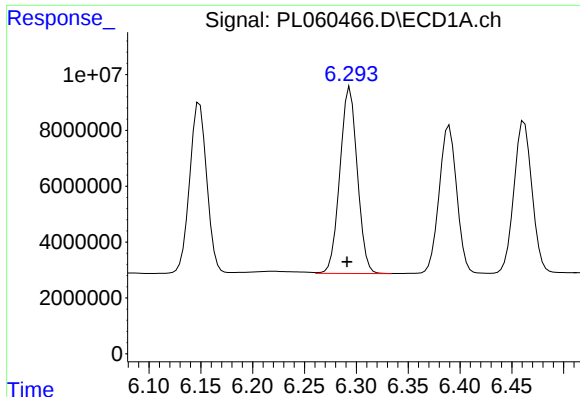
#14 Endrin

R.T.: 6.021 min  
Delta R.T.: 0.003 min  
Response: 76608194  
Conc: 45.96 ng/ml



#14 Endrin

R.T.: 6.726 min  
Delta R.T.: 0.001 min  
Response: 114886887  
Conc: 49.05 ng/ml



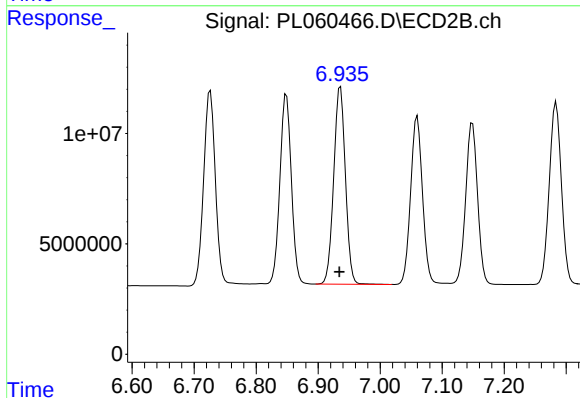
#15 Endosulfan II

R.T.: 6.293 min  
Delta R.T.: 0.001 min  
Response: 77998762  
Conc: 45.94 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

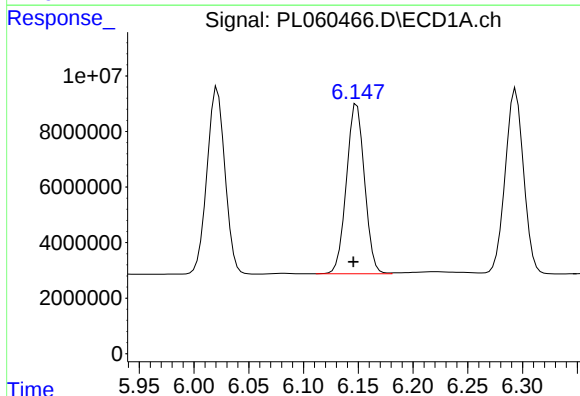
Manual Integrations  
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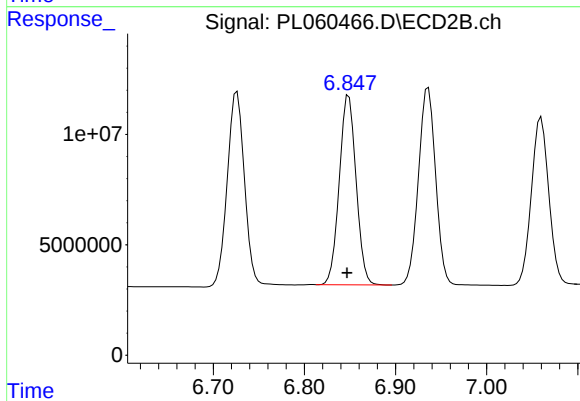
#15 Endosulfan II

R.T.: 6.936 min  
Delta R.T.: 0.002 min  
Response: 117670912  
Conc: 48.85 ng/ml



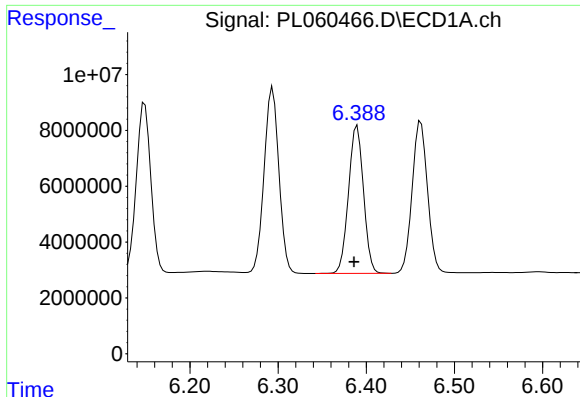
#16 4,4'-DDD

R.T.: 6.149 min  
Delta R.T.: 0.003 min  
Response: 70354776  
Conc: 48.69 ng/ml



#16 4,4'-DDD

R.T.: 6.849 min  
Delta R.T.: 0.002 min  
Response: 109990657  
Conc: 52.80 ng/ml



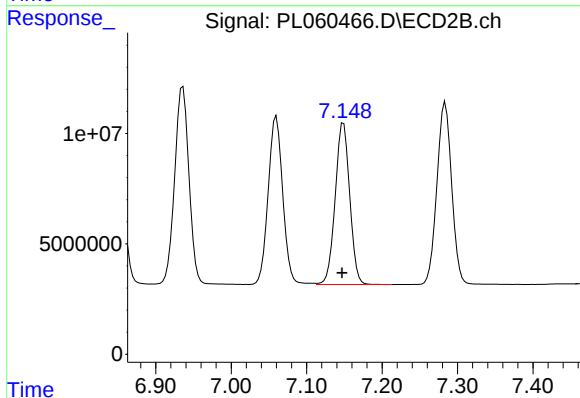
#17 4,4'-DDT

R.T.: 6.390 min  
Delta R.T.: 0.003 min  
Response: 62491508  
Conc: 45.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

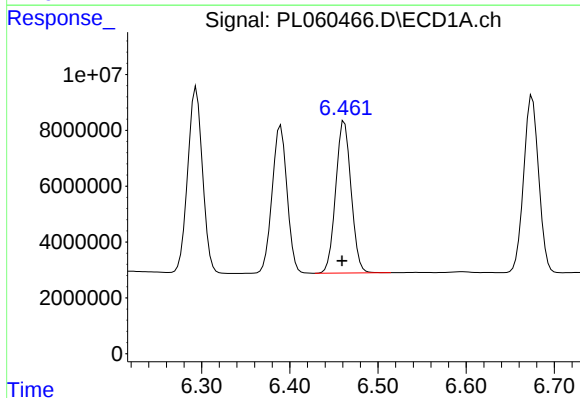
Manual Integrations  
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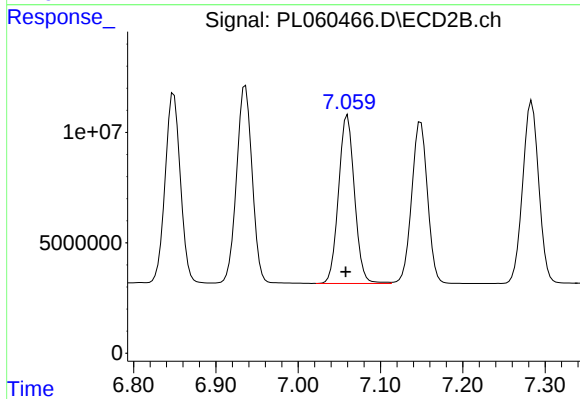
#17 4,4'-DDT

R.T.: 7.149 min  
Delta R.T.: 0.002 min  
Response: 97975820  
Conc: 48.44 ng/ml



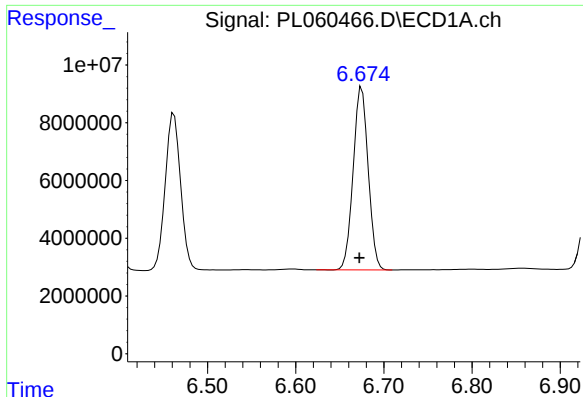
#18 Endrin aldehyde

R.T.: 6.462 min  
Delta R.T.: 0.003 min  
Response: 65930475  
Conc: 45.89 ng/ml



#18 Endrin aldehyde

R.T.: 7.060 min  
Delta R.T.: 0.002 min  
Response: 102493943  
Conc: 51.15 ng/ml



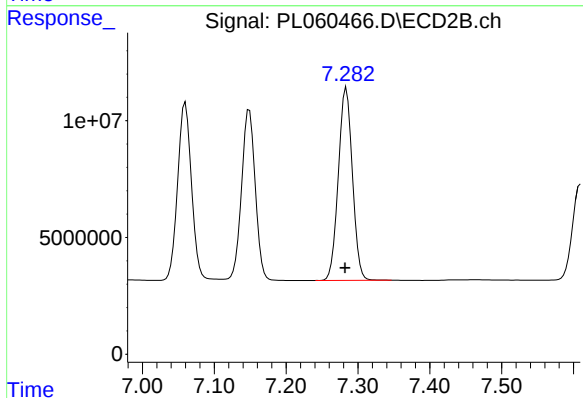
#19 Endosulfan Sulfate

R.T.: 6.675 min  
Delta R.T.: 0.003 min  
Response: 75066872  
Conc: 47.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

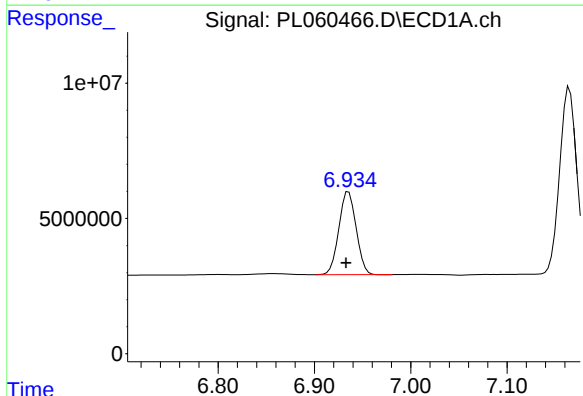
Manual Integrations  
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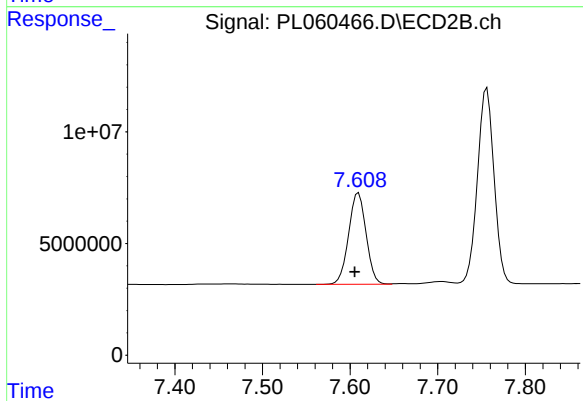
#19 Endosulfan Sulfate

R.T.: 7.284 min  
Delta R.T.: 0.002 min  
Response: 111998082  
Conc: 50.94 ng/ml



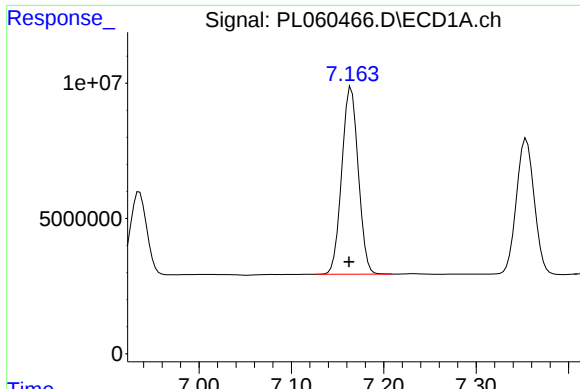
#20 Methoxychlor

R.T.: 6.936 min  
Delta R.T.: 0.003 min  
Response: 38134995  
Conc: 46.61 ng/ml



#20 Methoxychlor

R.T.: 7.610 min  
Delta R.T.: 0.004 min  
Response: 56748043  
Conc: 49.28 ng/ml



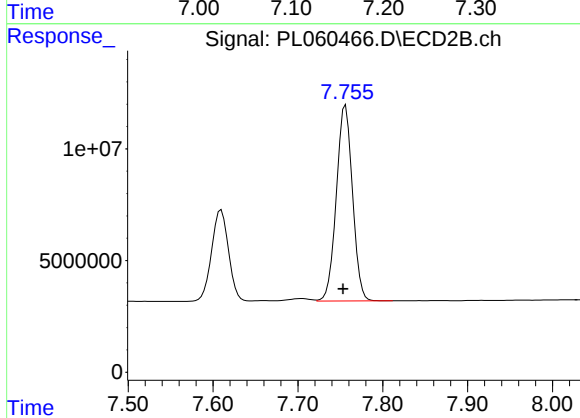
#21 Endrin ketone

R.T.: 7.165 min  
Delta R.T.: 0.002 min  
Response: 85801502  
Conc: 50.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

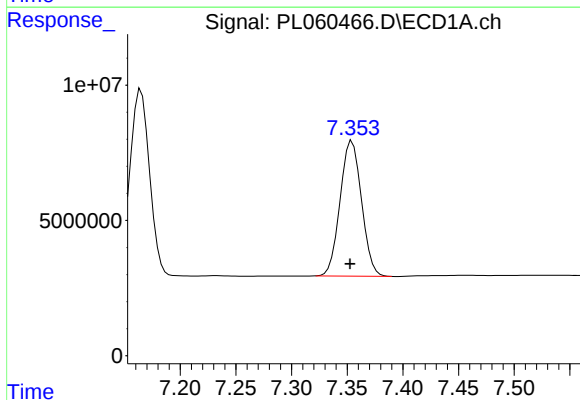
Manual Integrations  
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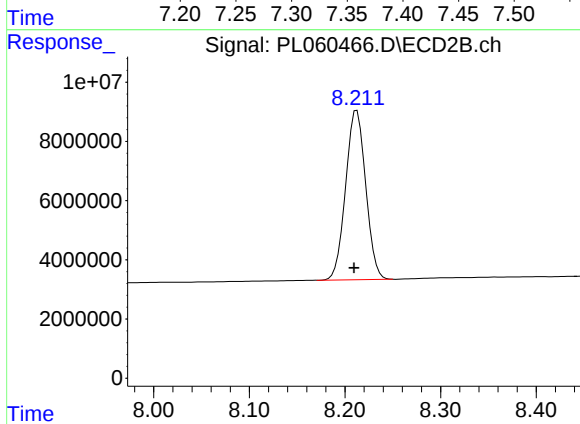
#21 Endrin ketone

R.T.: 7.756 min  
Delta R.T.: 0.003 min  
Response: 115645069  
Conc: 52.48 ng/ml



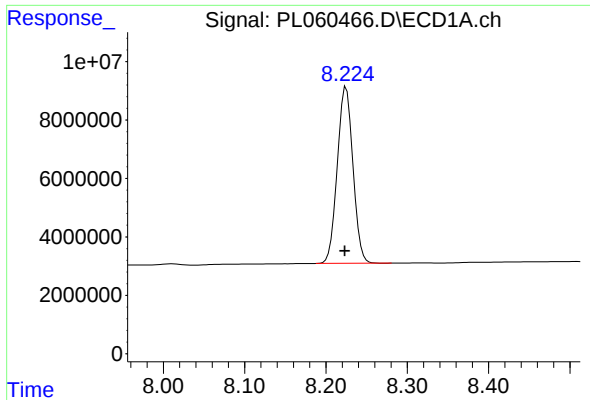
#22 Mirex

R.T.: 7.354 min  
Delta R.T.: 0.002 min  
Response: 67133354  
Conc: 49.17 ng/ml



#22 Mirex

R.T.: 8.212 min  
Delta R.T.: 0.003 min  
Response: 83911463  
Conc: 53.58 ng/ml



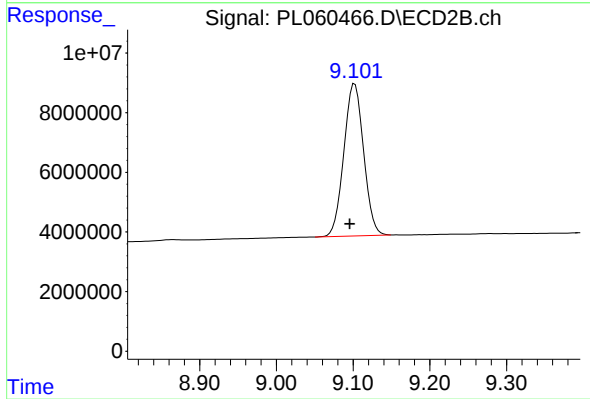
#28 Decachlorobiphenyl

R.T.: 8.225 min  
Delta R.T.: 0.002 min  
Response: 80768776  
Conc: 52.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.102 min  
Delta R.T.: 0.006 min  
Response: 91838672  
Conc: 51.06 ng/ml