

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082819\  
 Data File : PL051914.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Aug 2019 20:10  
 Operator : SG\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleID :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 29 01:01:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 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... | 3.314 | 3.925 | 472.9E6 | 98581209 | 55.260  | 45.121 |
| 28)                         | SA Decachlor... | 7.973 | 8.951 | 719.5E6 | 166.3E6  | 59.279  | 54.619 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.741 | 4.313 | 821.1E6 | 148.6E6  | 56.667  | 46.106 |
| 3)                          | MA gamma-BHC... | 4.016 | 4.596 | 786.2E6 | 151.0E6  | 59.758  | 47.962 |
| 4)                          | MA Heptachlor   | 4.299 | 5.097 | 892.3E6 | 179.9E6  | 58.944  | 51.290 |
| 5)                          | MB Aldrin       | 4.537 | 5.399 | 849.7E6 | 174.0E6  | 58.802  | 53.079 |
| 6)                          | B beta-BHC      | 4.271 | 4.774 | 320.2E6 | 71474259 | 56.071  | 49.042 |
| 7)                          | B delta-BHC     | 4.464 | 4.986 | 856.6E6 | 165.1E6  | 57.612  | 52.745 |
| 8)                          | B Heptachlor... | 4.973 | 5.786 | 830.7E6 | 176.5E6  | 59.400  | 52.302 |
| 9)                          | A Endosulfan I  | 5.302 | 6.140 | 805.5E6 | 174.8E6  | 59.917m | 54.067 |
| 10)                         | B gamma-Chl...  | 5.195 | 6.020 | 889.0E6 | 187.4E6  | 59.533  | 51.322 |
| 11)                         | B alpha-Chl...  | 5.250 | 6.091 | 852.8E6 | 187.3E6  | 58.929m | 54.277 |
| 12)                         | B 4,4'-DDE      | 5.419 | 6.252 | 876.8E6 | 197.9E6  | 64.067  | 56.231 |
| 13)                         | MA Dieldrin     | 5.541 | 6.397 | 911.0E6 | 190.6E6  | 59.918m | 55.650 |
| 14)                         | MA Endrin       | 5.794 | 6.614 | 874.8E6 | 175.3E6  | 59.972  | 57.956 |
| 15)                         | B Endosulfa...  | 6.070 | 6.827 | 827.8E6 | 182.6E6  | 59.497  | 55.405 |
| 16)                         | A 4,4'-DDD      | 5.929 | 6.743 | 739.9E6 | 160.7E6  | 60.422  | 59.343 |
| 17)                         | MA 4,4'-DDT     | 6.163 | 7.039 | 796.4E6 | 172.0E6  | 62.455  | 58.753 |
| 18)                         | B Endrin al...  | 6.237 | 6.951 | 678.6E6 | 152.9E6  | 58.337  | 54.097 |
| 19)                         | B Endosulfa...  | 6.449 | 7.174 | 765.7E6 | 171.2E6  | 58.860  | 55.434 |
| 20)                         | A Methoxychlor  | 6.708 | 7.500 | 404.9E6 | 93751895 | 59.719  | 55.898 |
| 21)                         | B Endrin ke...  | 6.929 | 7.642 | 866.6E6 | 182.6E6  | 61.258  | 57.072 |
| 22)                         | Mirex           | 7.103 | 8.089 | 627.5E6 | 137.6E6  | 59.270  | 56.577 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082819\  
Data File : PL051914.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Aug 2019 20:10  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

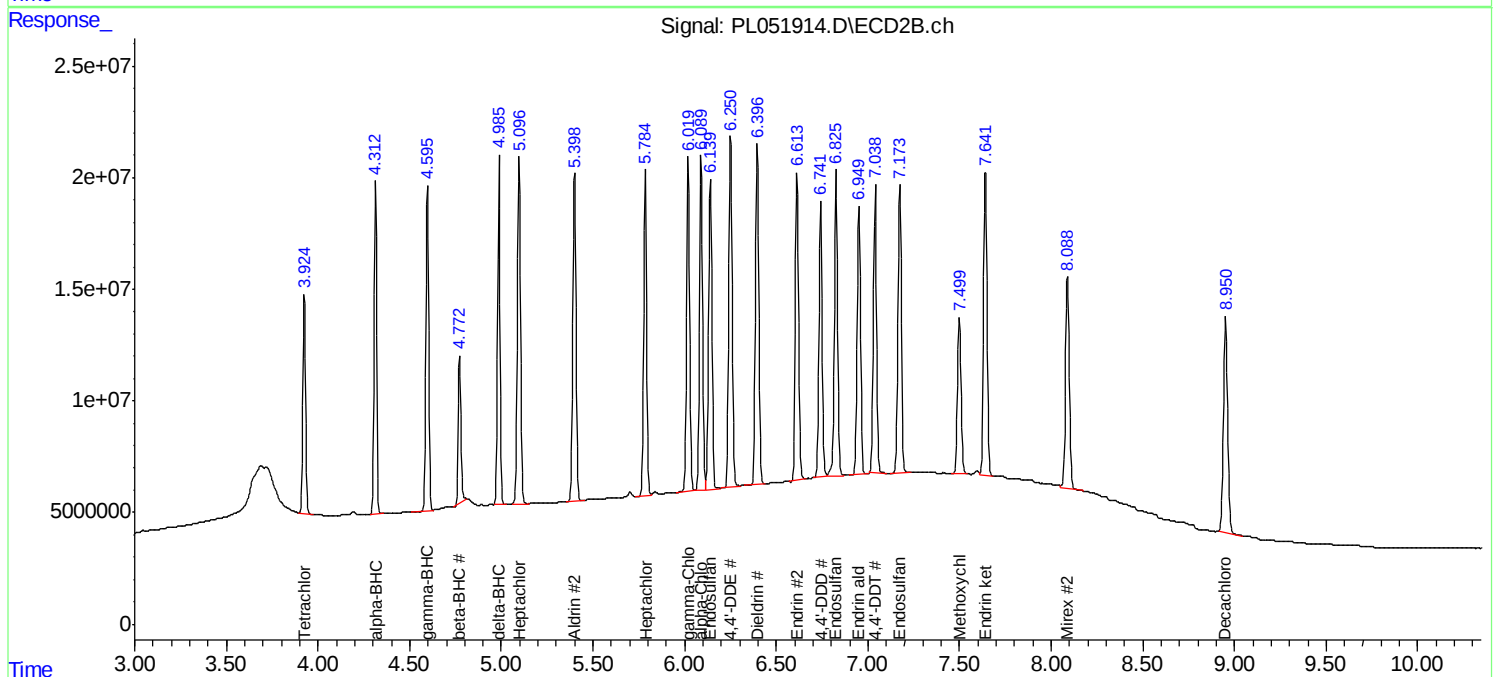
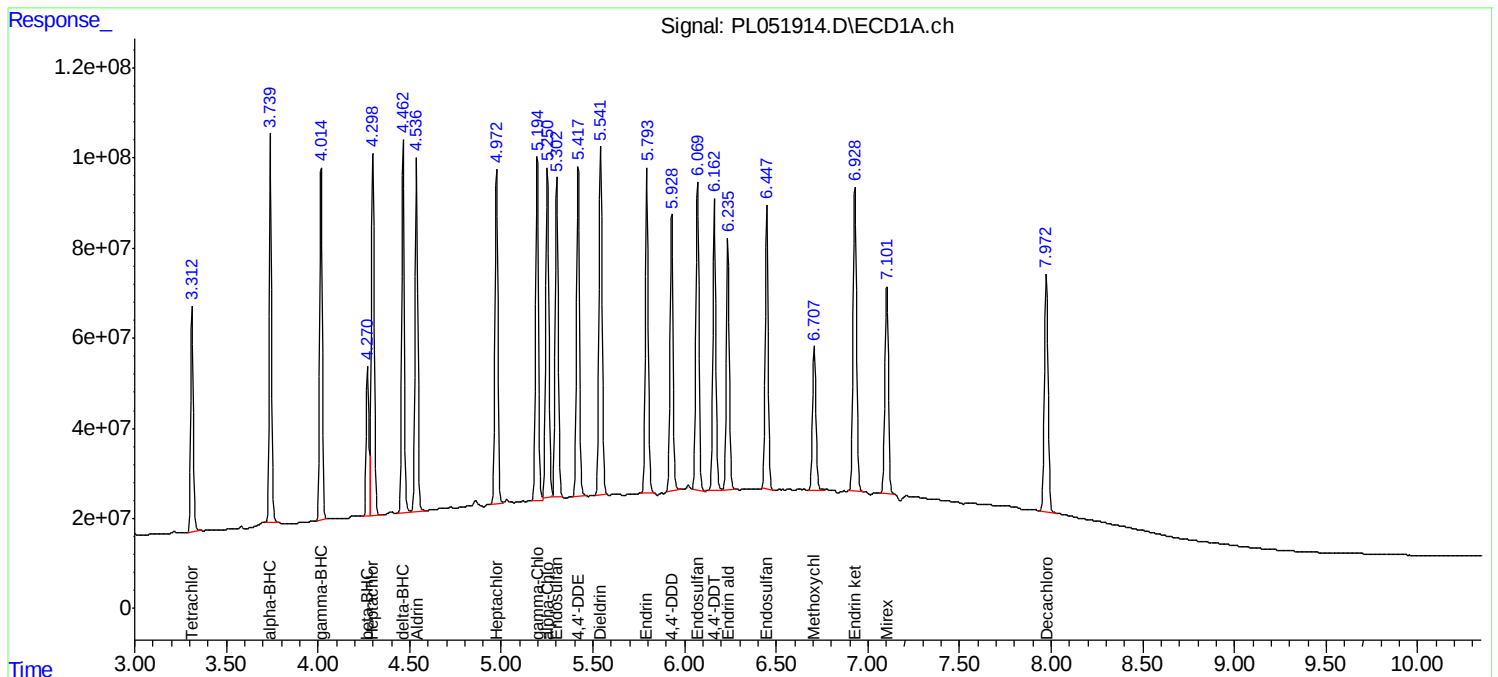
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

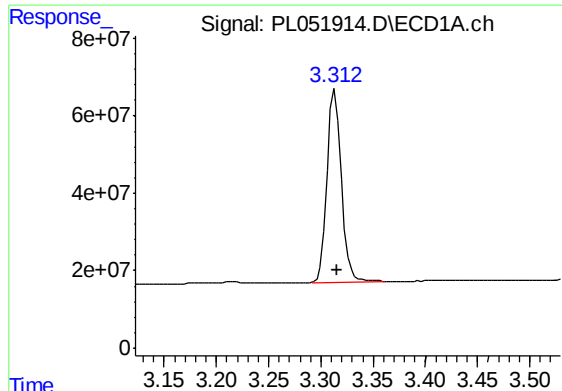
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 01:01:59 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 2019  
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





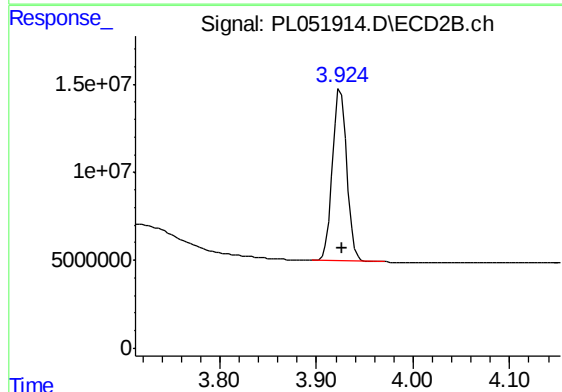
#1 Tetrachloro-m-xylene

R.T.: 3.314 min  
Delta R.T.: -0.002 min  
Response: 472949522  
Conc: 55.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

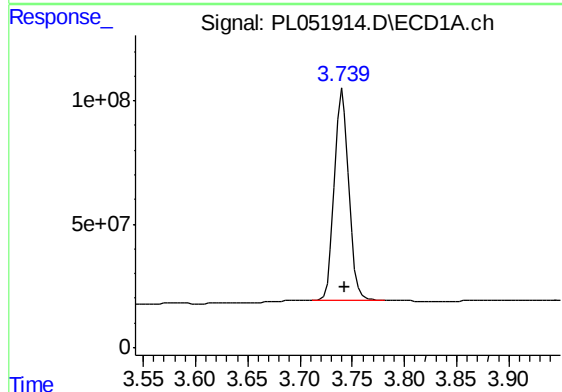
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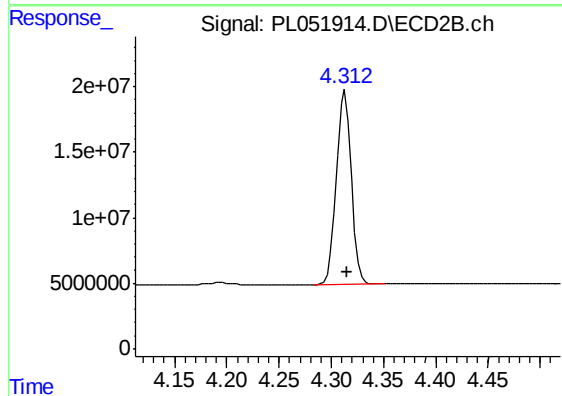
#1 Tetrachloro-m-xylene

R.T.: 3.925 min  
Delta R.T.: -0.001 min  
Response: 98581209  
Conc: 45.12 ng/ml



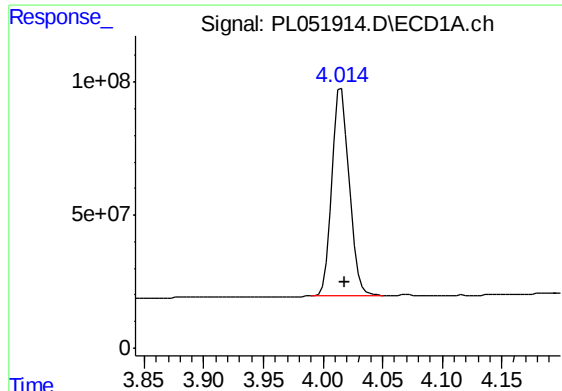
#2 alpha-BHC

R.T.: 3.741 min  
Delta R.T.: -0.002 min  
Response: 821083699  
Conc: 56.67 ng/ml



#2 alpha-BHC

R.T.: 4.313 min  
Delta R.T.: -0.002 min  
Response: 148571924  
Conc: 46.11 ng/ml



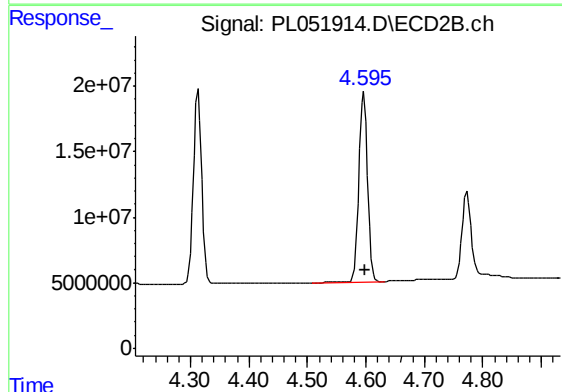
#3 gamma-BHC (Lindane)

R.T.: 4.016 min  
Delta R.T.: -0.002 min  
Response: 786215561  
Conc: 59.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

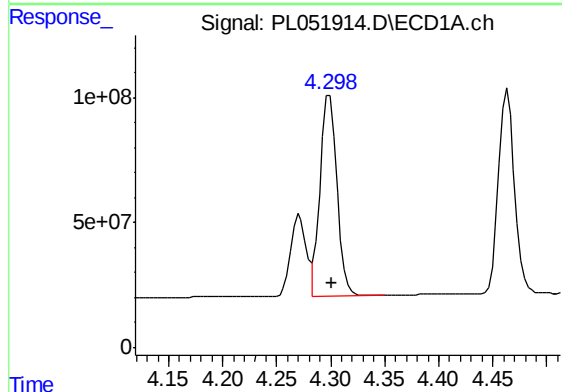
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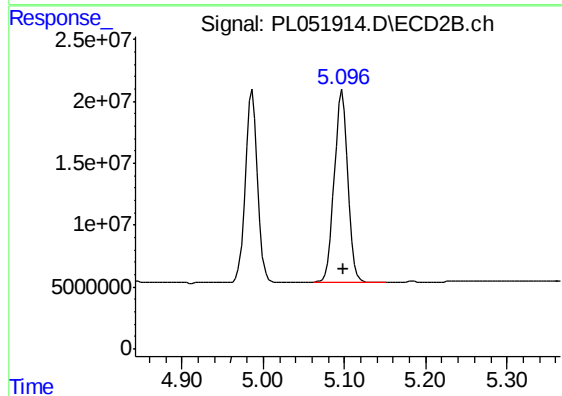
#3 gamma-BHC (Lindane)

R.T.: 4.596 min  
Delta R.T.: -0.001 min  
Response: 151000186  
Conc: 47.96 ng/ml



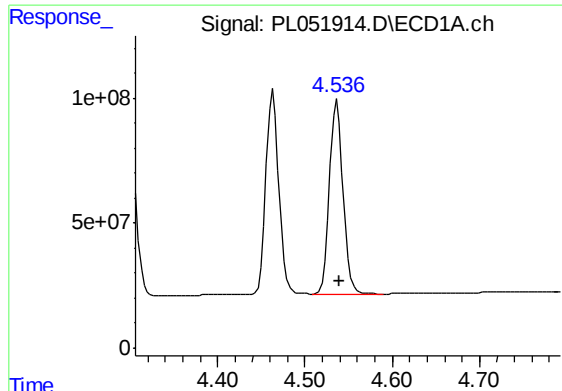
#4 Heptachlor

R.T.: 4.299 min  
Delta R.T.: -0.002 min  
Response: 892331044  
Conc: 58.94 ng/ml



#4 Heptachlor

R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 179867522  
Conc: 51.29 ng/ml



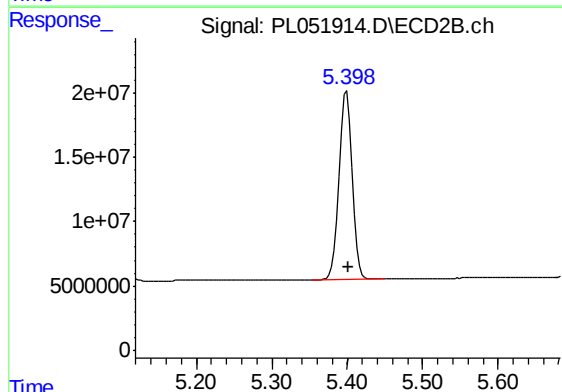
#5 Aldrin

R.T.: 4.537 min  
Delta R.T.: -0.002 min  
Response: 849723133  
Conc: 58.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

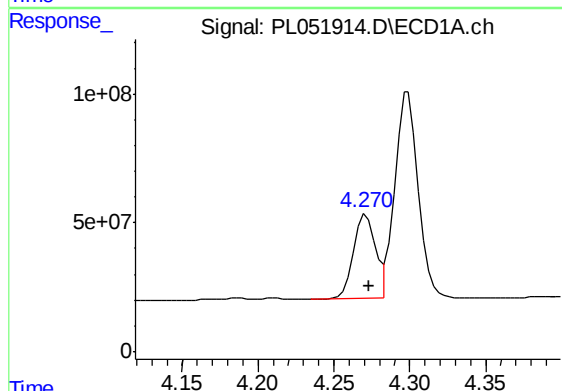
Manual Integrations  
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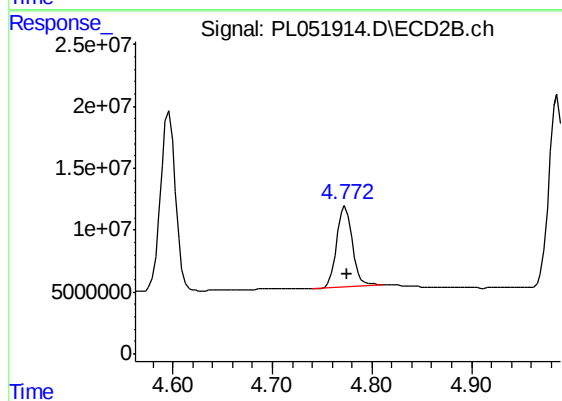
#5 Aldrin

R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 174039294  
Conc: 53.08 ng/ml



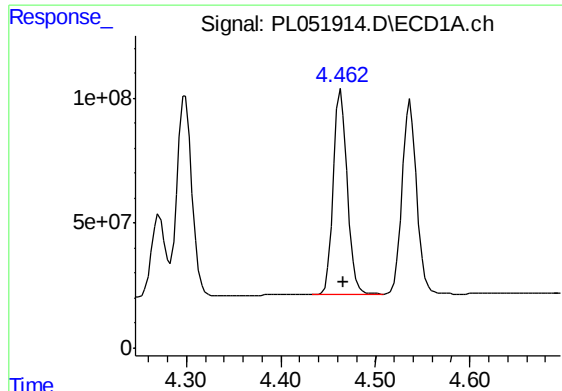
#6 beta-BHC

R.T.: 4.271 min  
Delta R.T.: -0.002 min  
Response: 320170790  
Conc: 56.07 ng/ml



#6 beta-BHC

R.T.: 4.774 min  
Delta R.T.: -0.002 min  
Response: 71474259  
Conc: 49.04 ng/ml



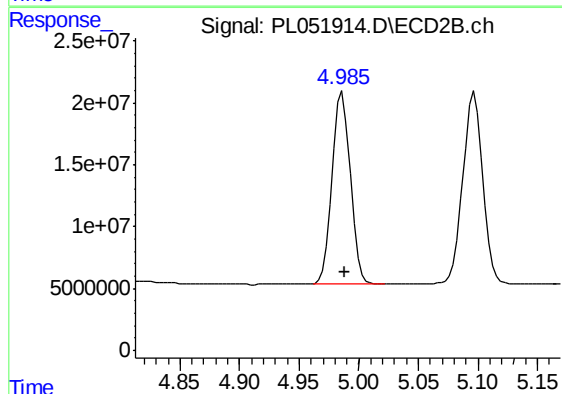
#7 delta-BHC

R.T.: 4.464 min  
Delta R.T.: -0.002 min  
Response: 856630287  
Conc: 57.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

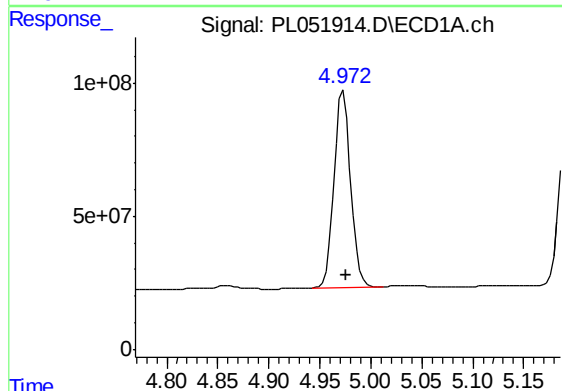
Manual Integrations  
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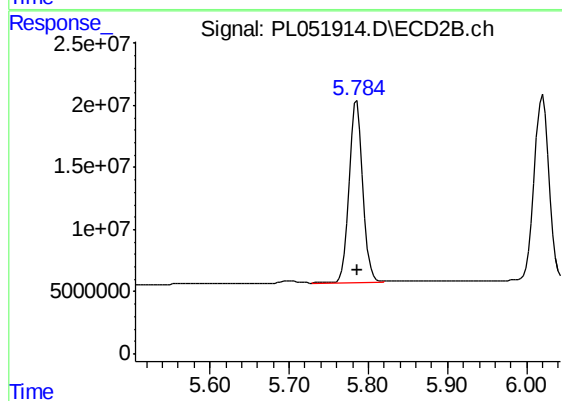
#7 delta-BHC

R.T.: 4.986 min  
Delta R.T.: -0.001 min  
Response: 165078755  
Conc: 52.75 ng/ml



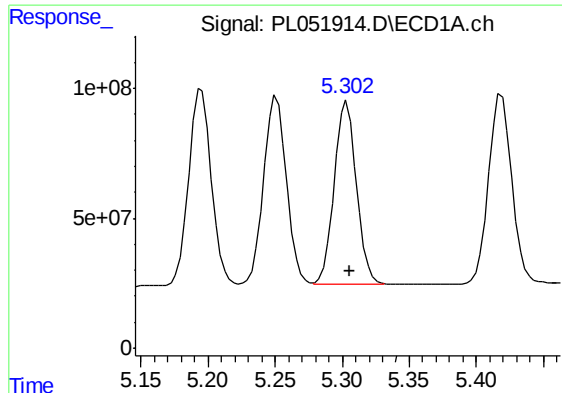
#8 Heptachlor epoxide

R.T.: 4.973 min  
Delta R.T.: -0.002 min  
Response: 830738543  
Conc: 59.40 ng/ml



#8 Heptachlor epoxide

R.T.: 5.786 min  
Delta R.T.: -0.001 min  
Response: 176508040  
Conc: 52.30 ng/ml



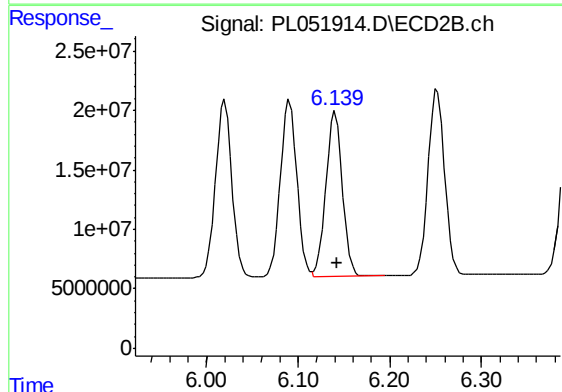
#9 Endosulfan I

R.T.: 5.302 min  
Delta R.T.: -0.004 min  
Response: 805501841  
Conc: 59.92 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

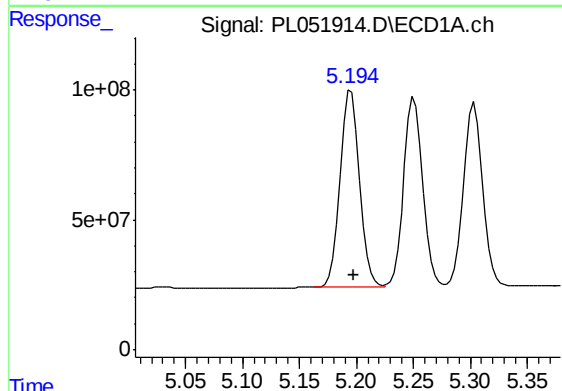
Manual Integrations  
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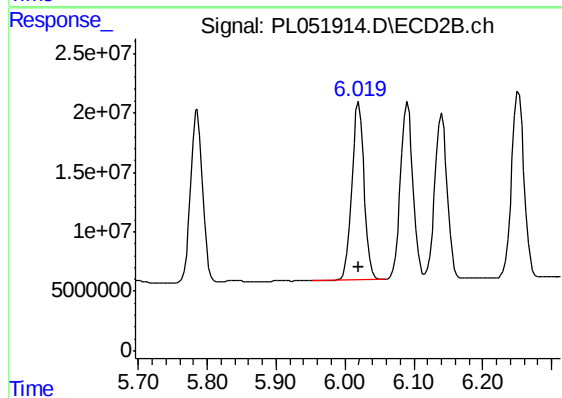
#9 Endosulfan I

R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 174807739  
Conc: 54.07 ng/ml



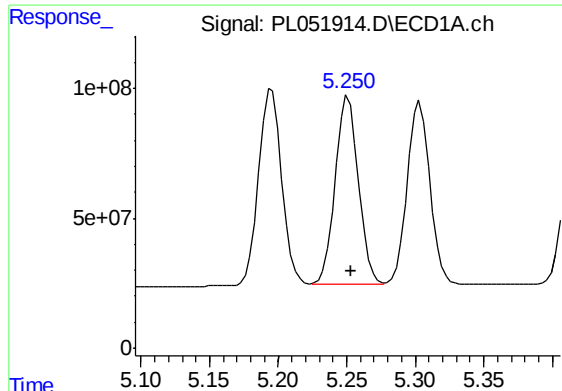
#10 gamma-Chlordane

R.T.: 5.195 min  
Delta R.T.: -0.002 min  
Response: 888952855  
Conc: 59.53 ng/ml



#10 gamma-Chlordane

R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 187379024  
Conc: 51.32 ng/ml



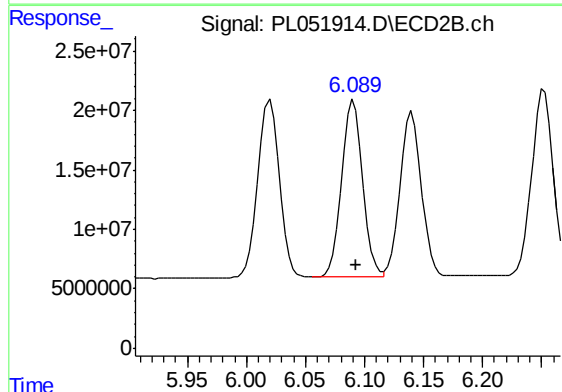
#11 alpha-Chlordane

R.T.: 5.250 min  
Delta R.T.: -0.004 min  
Response: 852774862  
Conc: 58.93 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

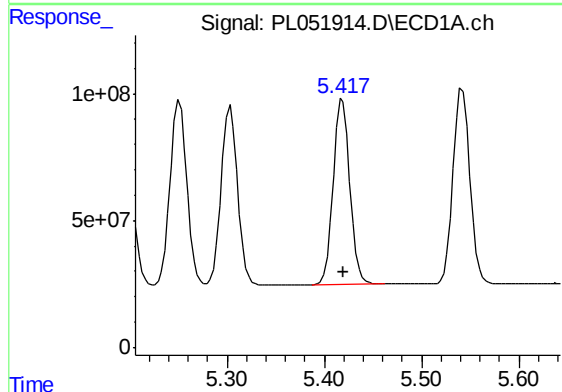
Manual Integrations  
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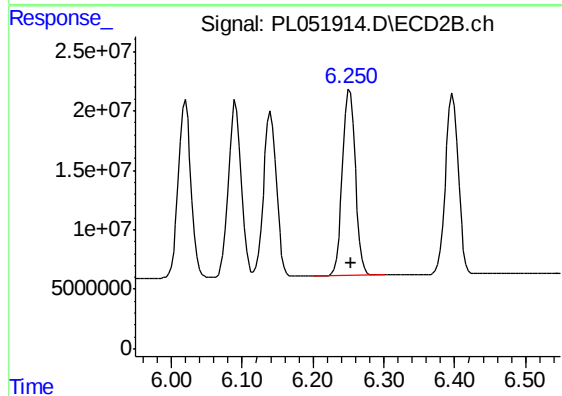
#11 alpha-Chlordane

R.T.: 6.091 min  
Delta R.T.: -0.002 min  
Response: 187307794  
Conc: 54.28 ng/ml



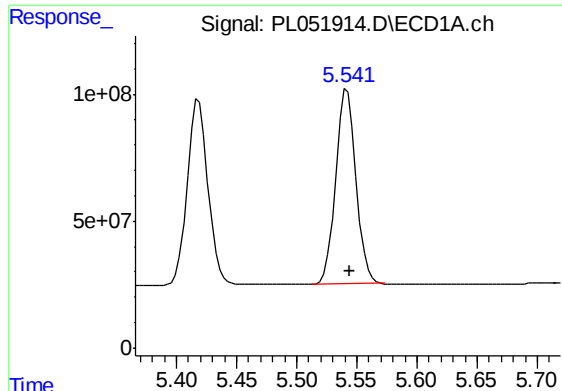
#12 4,4'-DDE

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 876803454  
Conc: 64.07 ng/ml



#12 4,4'-DDE

R.T.: 6.252 min  
Delta R.T.: -0.002 min  
Response: 197935353  
Conc: 56.23 ng/ml



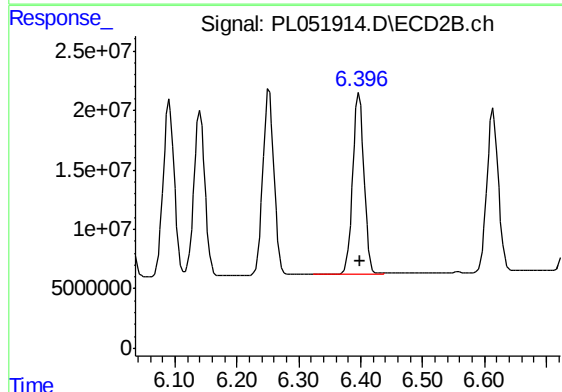
#13 Dieldrin

R.T.: 5.541 min  
Delta R.T.: -0.003 min  
Response: 911047420  
Conc: 59.92 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

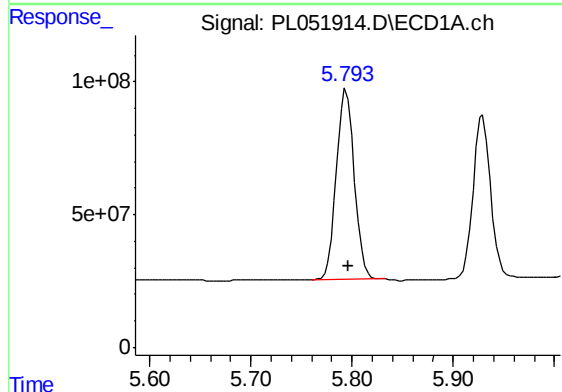
Manual Integrations  
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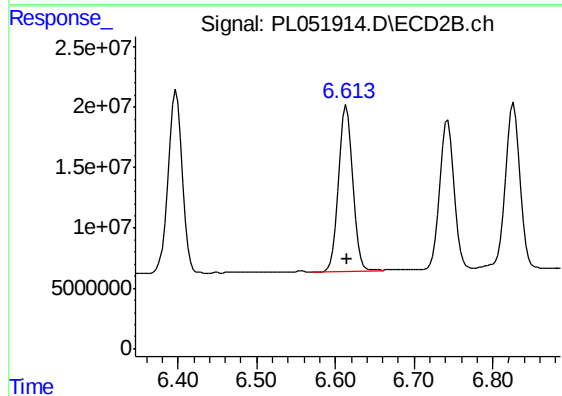
#13 Dieldrin

R.T.: 6.397 min  
Delta R.T.: -0.002 min  
Response: 190577435  
Conc: 55.65 ng/ml



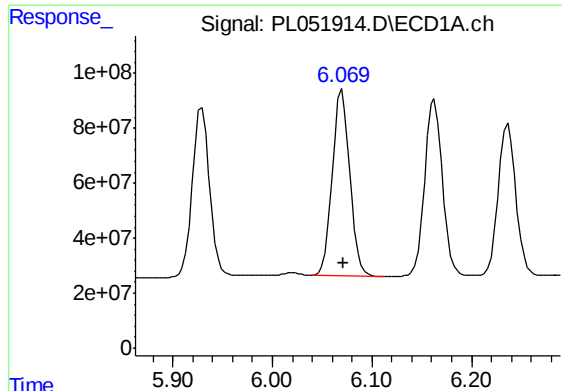
#14 Endrin

R.T.: 5.794 min  
Delta R.T.: -0.002 min  
Response: 874755349  
Conc: 59.97 ng/ml



#14 Endrin

R.T.: 6.614 min  
Delta R.T.: -0.002 min  
Response: 175294930  
Conc: 57.96 ng/ml



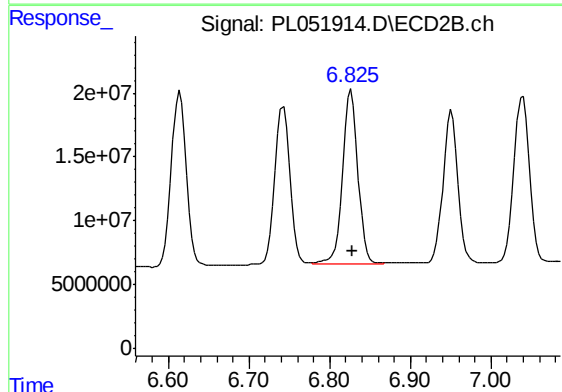
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: -0.002 min  
Response: 827841139  
Conc: 59.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

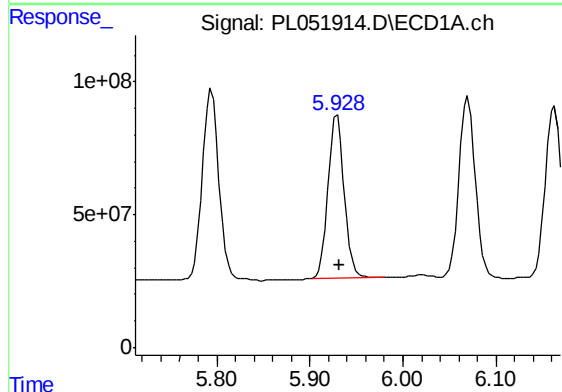
Manual Integrations  
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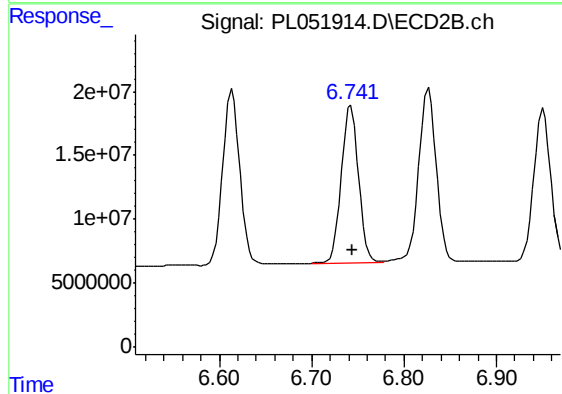
#15 Endosulfan II

R.T.: 6.827 min  
Delta R.T.: -0.002 min  
Response: 182616236  
Conc: 55.40 ng/ml



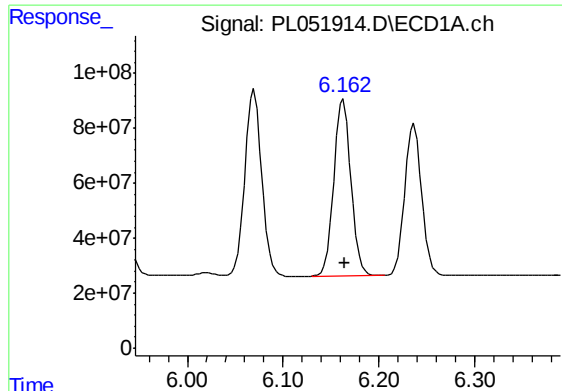
#16 4,4'-DDD

R.T.: 5.929 min  
Delta R.T.: -0.002 min  
Response: 739903283  
Conc: 60.42 ng/ml



#16 4,4'-DDD

R.T.: 6.743 min  
Delta R.T.: -0.002 min  
Response: 160661225  
Conc: 59.34 ng/ml



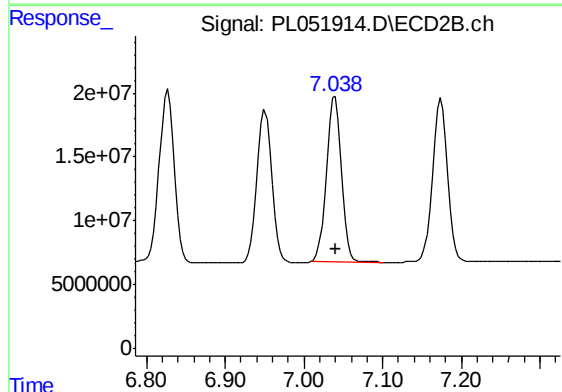
#17 4,4'-DDT

R.T.: 6.163 min  
Delta R.T.: -0.002 min  
Response: 796380638  
Conc: 62.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

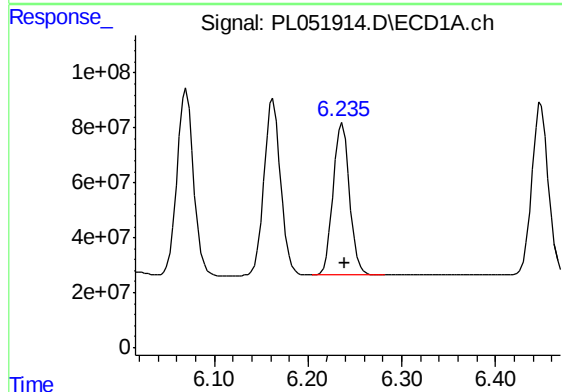
Manual Integrations  
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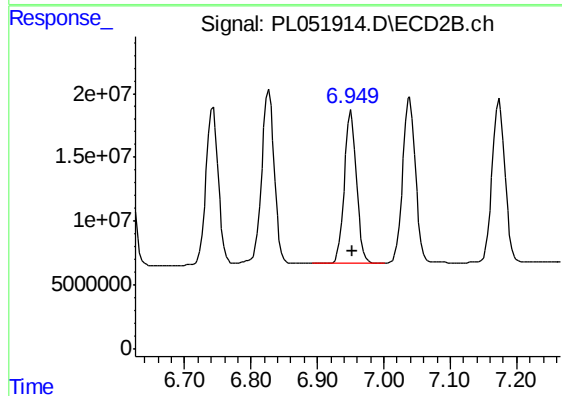
#17 4,4'-DDT

R.T.: 7.039 min  
Delta R.T.: -0.002 min  
Response: 172010050  
Conc: 58.75 ng/ml



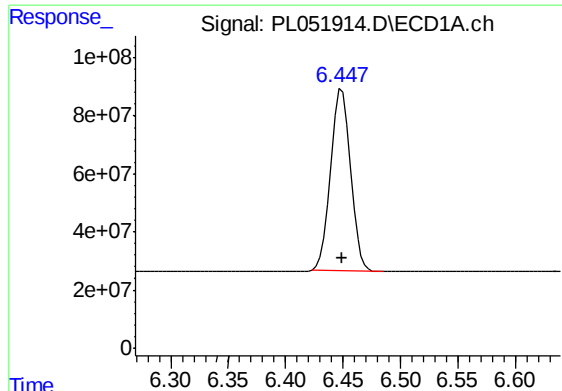
#18 Endrin aldehyde

R.T.: 6.237 min  
Delta R.T.: -0.002 min  
Response: 678648880  
Conc: 58.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.951 min  
Delta R.T.: -0.002 min  
Response: 152889008  
Conc: 54.10 ng/ml



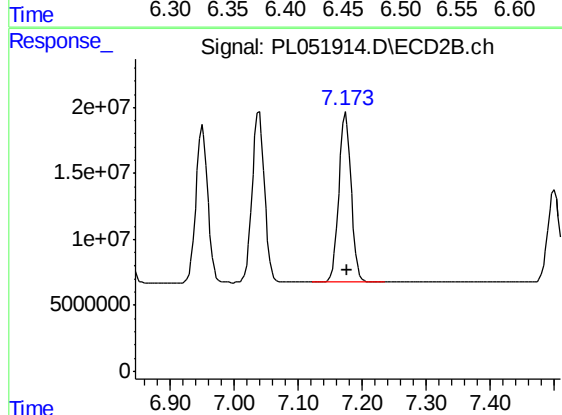
#19 Endosulfan Sulfate

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 765711097  
Conc: 58.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

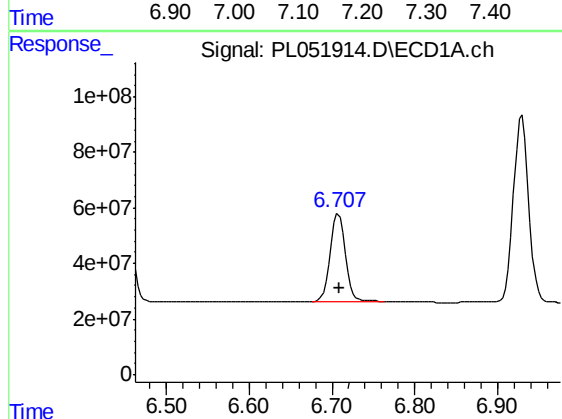
Manual Integrations  
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8/29/2019 1:44:33 PM



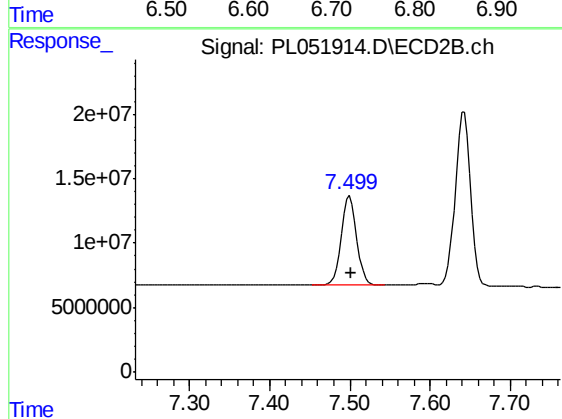
#19 Endosulfan Sulfate

R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 171184317  
Conc: 55.43 ng/ml



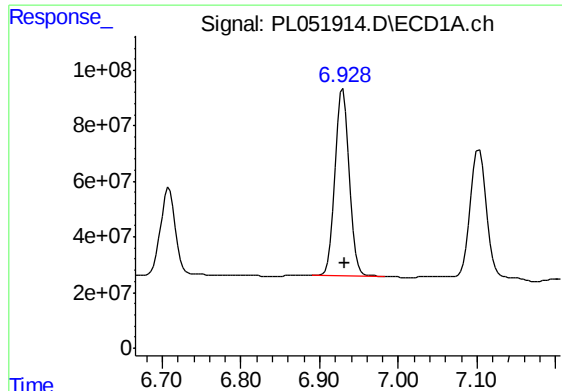
#20 Methoxychlor

R.T.: 6.708 min  
Delta R.T.: -0.002 min  
Response: 404881460  
Conc: 59.72 ng/ml



#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: -0.002 min  
Response: 93751895  
Conc: 55.90 ng/ml



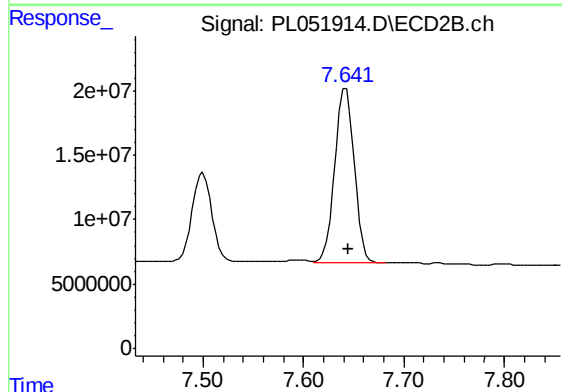
#21 Endrin ketone

R.T.: 6.929 min  
Delta R.T.: -0.002 min  
Response: 866618277  
Conc: 61.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

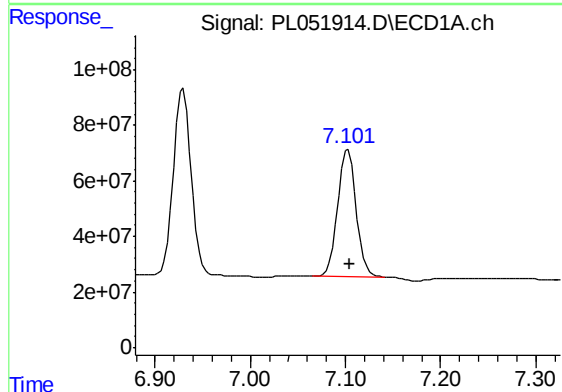
Manual Integrations  
APPROVED

Ankita  
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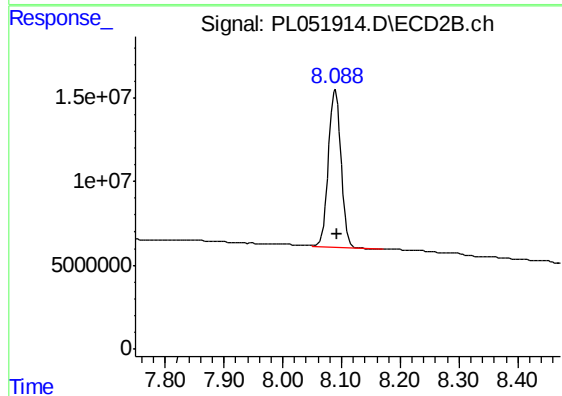
#21 Endrin ketone

R.T.: 7.642 min  
Delta R.T.: -0.002 min  
Response: 182601951  
Conc: 57.07 ng/ml



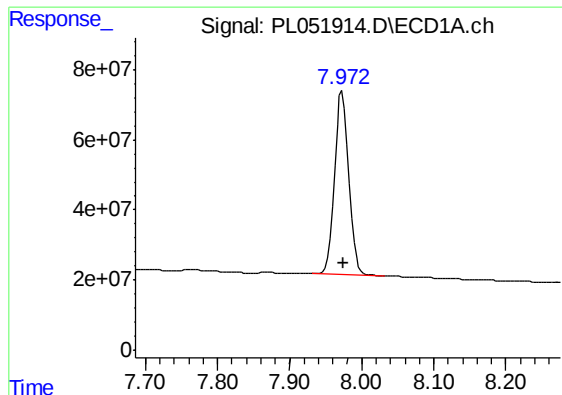
#22 Mirex

R.T.: 7.103 min  
Delta R.T.: -0.001 min  
Response: 627516815  
Conc: 59.27 ng/ml



#22 Mirex

R.T.: 8.089 min  
Delta R.T.: -0.003 min  
Response: 137636135  
Conc: 56.58 ng/ml



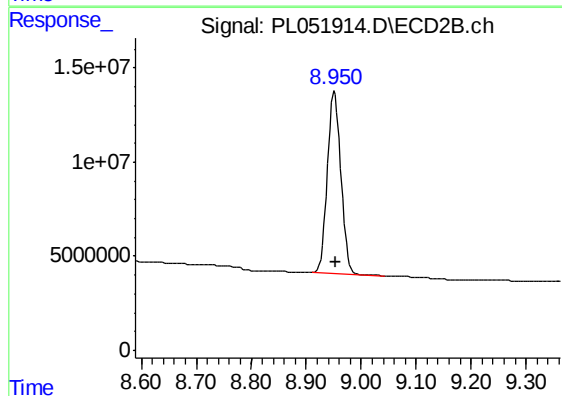
#28 Decachlorobiphenyl

R.T.: 7.973 min  
Delta R.T.: -0.002 min  
Response: 719518496  
Conc: 59.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Ankita  
8/29/2019 1:44:33 PM



#28 Decachlorobiphenyl

R.T.: 8.951 min  
Delta R.T.: -0.003 min  
Response: 166252647  
Conc: 54.62 ng/ml