

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081619\  
 Data File : PL051571.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Aug 2019 11:05  
 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 16 22:45:22 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.316 | 3.926 | 532.7E6 | 132.4E6  | 53.018 | 46.411  |
| 28)                         | SA Decachlor... | 7.976 | 8.953 | 568.0E6 | 138.2E6  | 56.096 | 48.869  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.743 | 4.314 | 897.2E6 | 198.8E6  | 53.541 | 48.174  |
| 3)                          | MA gamma-BHC... | 4.019 | 4.597 | 836.0E6 | 188.8E6  | 54.348 | 48.733  |
| 4)                          | MA Heptachlor   | 4.302 | 5.098 | 854.7E6 | 192.1E6  | 52.091 | 46.332  |
| 5)                          | MB Aldrin       | 4.540 | 5.400 | 857.4E6 | 185.3E6  | 55.344 | 49.161  |
| 6)                          | B beta-BHC      | 4.273 | 4.774 | 349.7E6 | 87710026 | 53.339 | 50.733  |
| 7)                          | B delta-BHC     | 4.466 | 4.987 | 887.5E6 | 193.3E6  | 54.086 | 49.972  |
| 8)                          | B Heptachlo...  | 4.976 | 5.787 | 780.7E6 | 180.1E6  | 52.843 | 47.089  |
| 9)                          | A Endosulfan I  | 5.307 | 6.141 | 721.1E6 | 169.7E6  | 49.583 | 49.343  |
| 10)                         | B gamma-Chl...  | 5.198 | 6.020 | 822.2E6 | 185.5E6  | 52.094 | 50.186  |
| 11)                         | B alpha-Chl...  | 5.254 | 6.092 | 797.3E6 | 183.2E6  | 52.261 | 49.974  |
| 12)                         | B 4,4'-DDE      | 5.422 | 6.253 | 657.0E6 | 181.9E6  | 43.843 | 50.468  |
| 13)                         | MA Dieldrin     | 5.545 | 6.398 | 823.1E6 | 180.1E6  | 53.113 | 50.845  |
| 14)                         | MA Endrin       | 5.797 | 6.615 | 724.4E6 | 149.7E6  | 49.211 | 48.264  |
| 15)                         | B Endosulfa...  | 6.073 | 6.827 | 709.9E6 | 160.6E6  | 50.728 | 50.531  |
| 16)                         | A 4,4'-DDD      | 5.932 | 6.743 | 661.4E6 | 136.4E6  | 55.189 | 51.205  |
| 17)                         | MA 4,4'-DDT     | 6.166 | 7.039 | 579.5E6 | 128.7E6  | 46.785 | 47.688  |
| 18)                         | B Endrin al...  | 6.239 | 6.950 | 578.9E6 | 136.1E6  | 50.178 | 50.074m |
| 19)                         | B Endosulfa...  | 6.451 | 7.174 | 649.8E6 | 150.7E6  | 51.005 | 52.184  |
| 20)                         | A Methoxychlor  | 6.711 | 7.500 | 295.5E6 | 72029118 | 47.363 | 49.091  |
| 21)                         | B Endrin ke...  | 6.931 | 7.642 | 728.5E6 | 160.5E6  | 53.265 | 55.529  |
| 22)                         | Mirex           | 7.105 | 8.090 | 505.0E6 | 118.0E6  | 51.505 | 51.373  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081619\  
Data File : PL051571.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Aug 2019 11:05  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

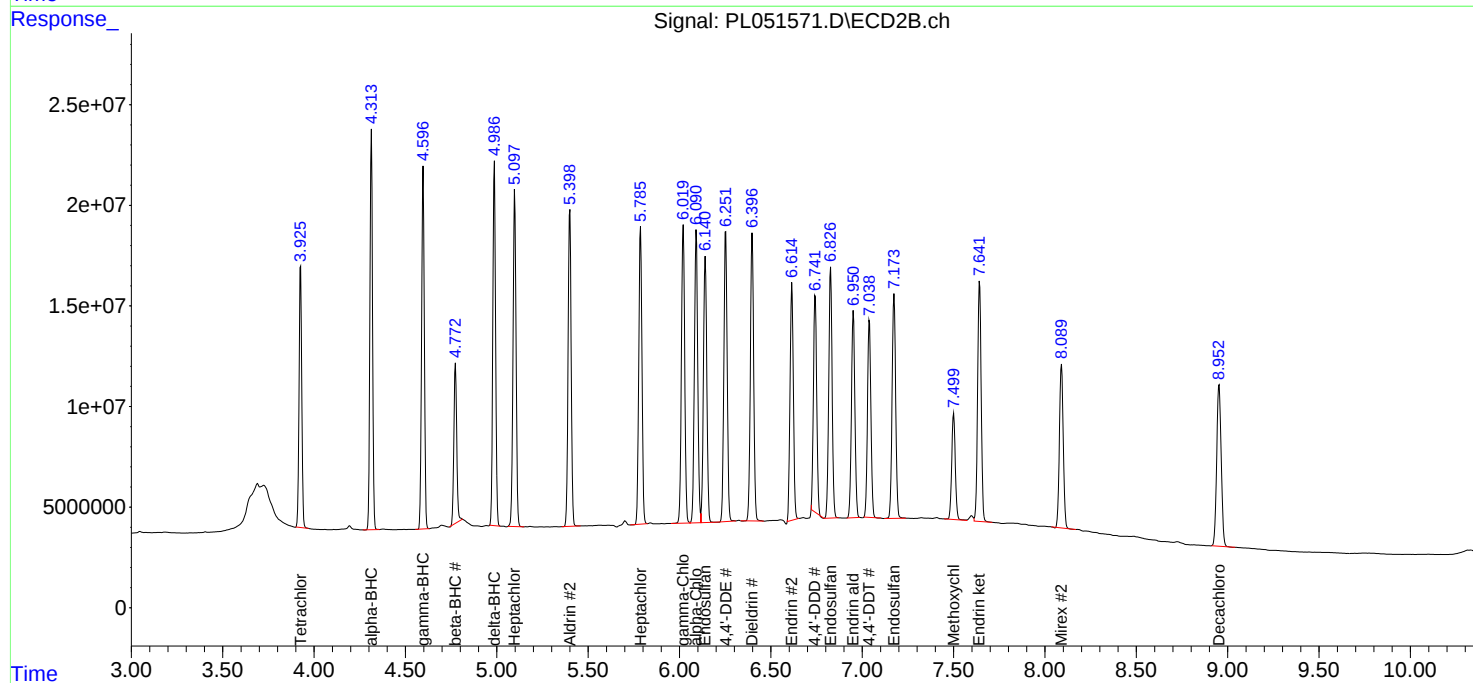
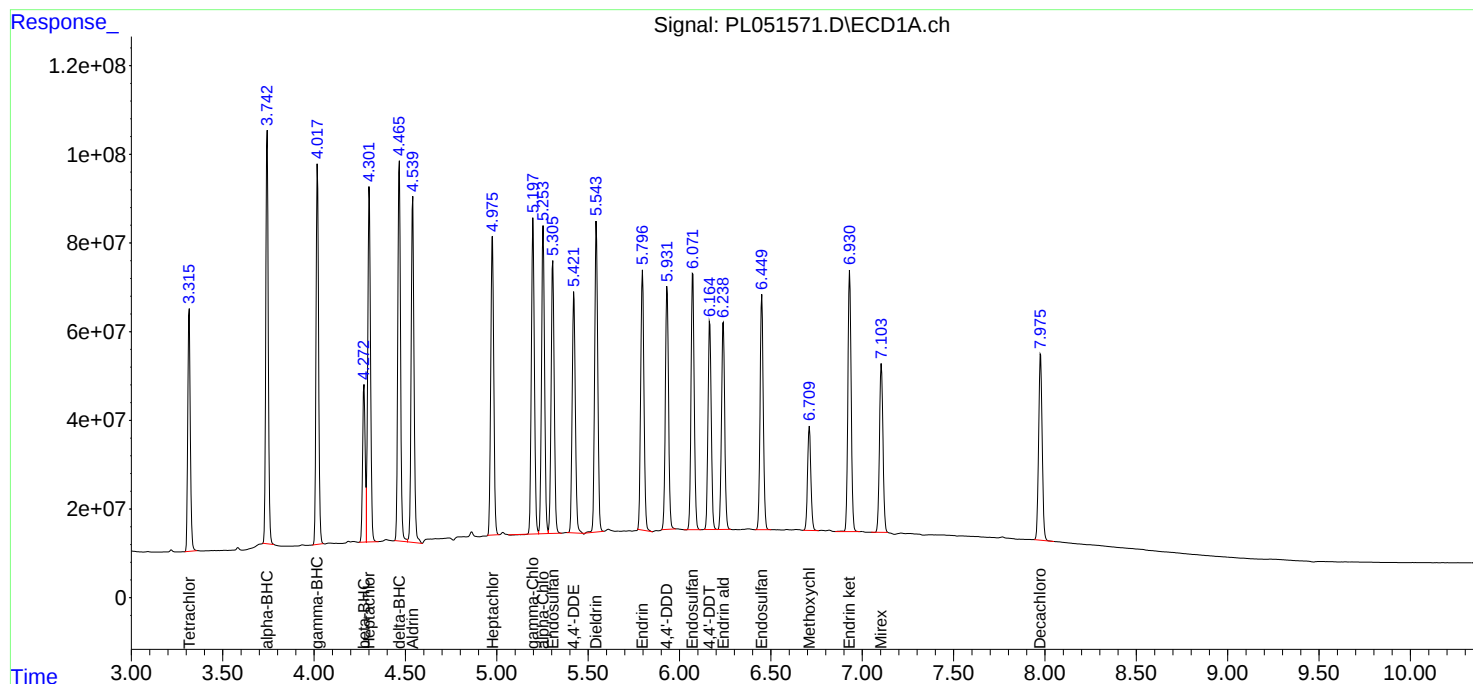
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

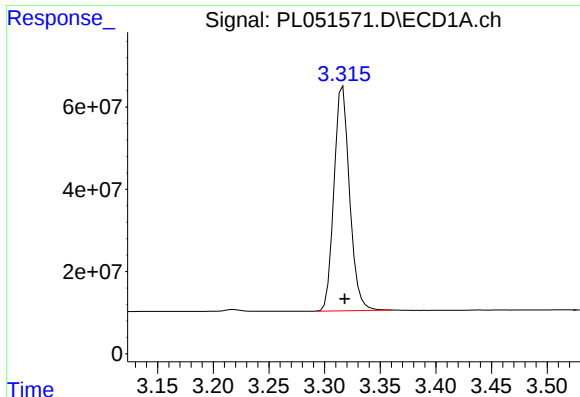
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 22:45:22 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
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





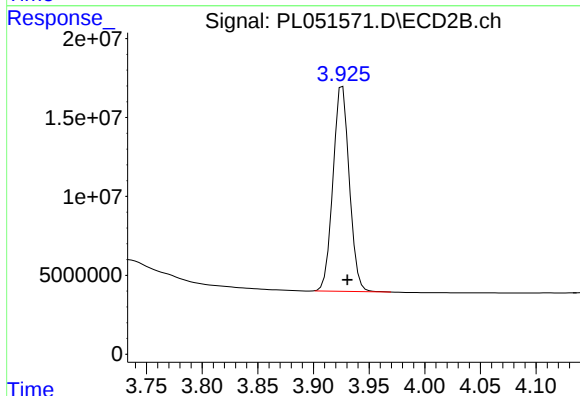
#1 Tetrachloro-m-xylene

R.T.: 3.316 min  
Delta R.T.: -0.002 min  
Response: 532714118  
Conc: 53.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

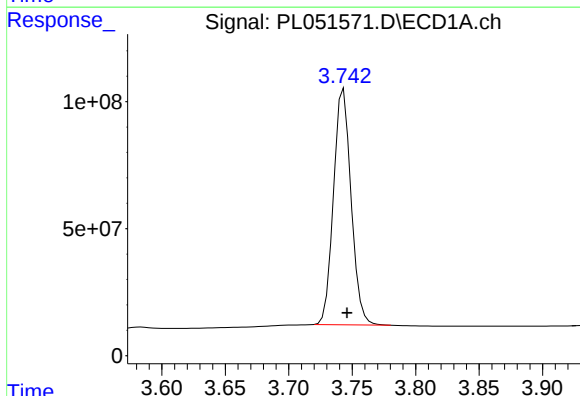
Manual Integrations  
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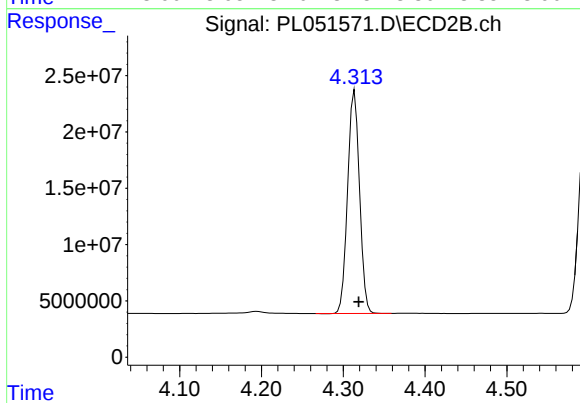
#1 Tetrachloro-m-xylene

R.T.: 3.926 min  
Delta R.T.: -0.005 min  
Response: 132419292  
Conc: 46.41 ng/ml



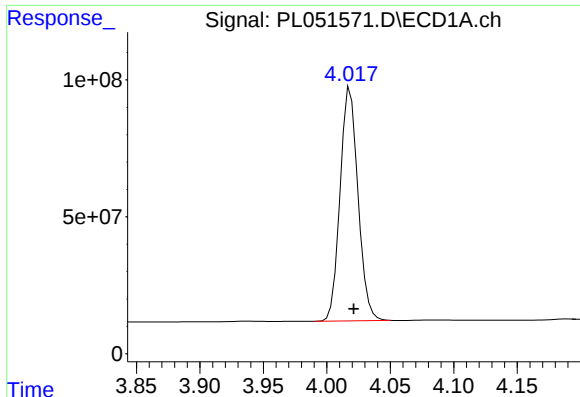
#2 alpha-BHC

R.T.: 3.743 min  
Delta R.T.: -0.003 min  
Response: 897230189  
Conc: 53.54 ng/ml



#2 alpha-BHC

R.T.: 4.314 min  
Delta R.T.: -0.005 min  
Response: 198766584  
Conc: 48.17 ng/ml



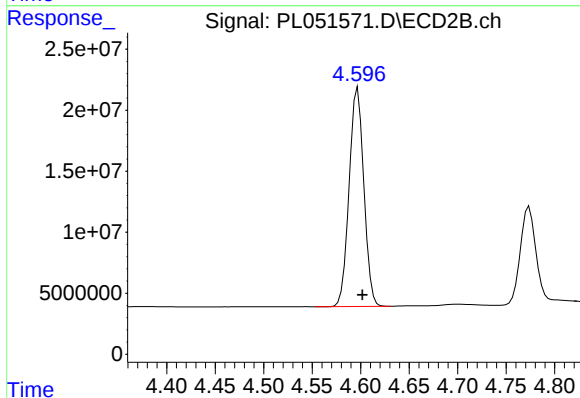
#3 gamma-BHC (Lindane)

R.T.: 4.019 min  
Delta R.T.: -0.003 min  
Response: 835970899  
Conc: 54.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

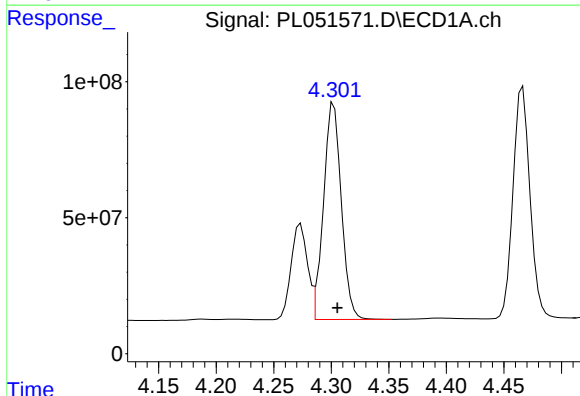
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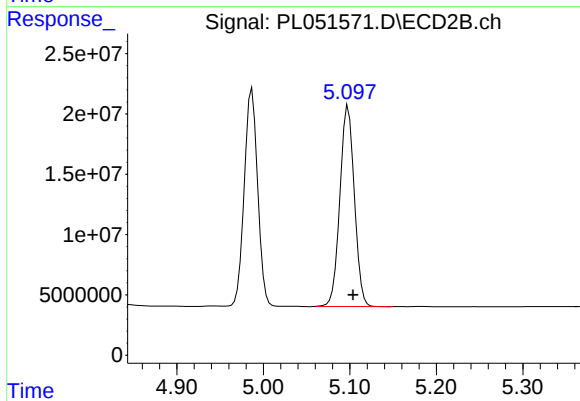
#3 gamma-BHC (Lindane)

R.T.: 4.597 min  
Delta R.T.: -0.005 min  
Response: 188750817  
Conc: 48.73 ng/ml



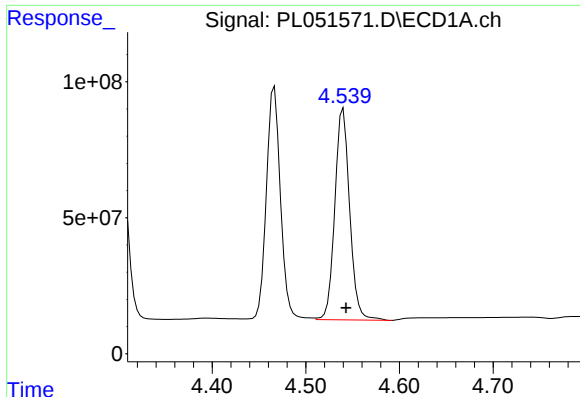
#4 Heptachlor

R.T.: 4.302 min  
Delta R.T.: -0.003 min  
Response: 854699855  
Conc: 52.09 ng/ml



#4 Heptachlor

R.T.: 5.098 min  
Delta R.T.: -0.006 min  
Response: 192126225  
Conc: 46.33 ng/ml



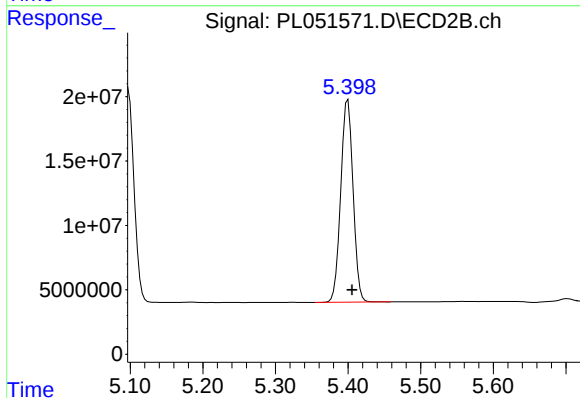
#5 Aldrin

R.T.: 4.540 min  
Delta R.T.: -0.003 min  
Response: 857364332  
Conc: 55.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

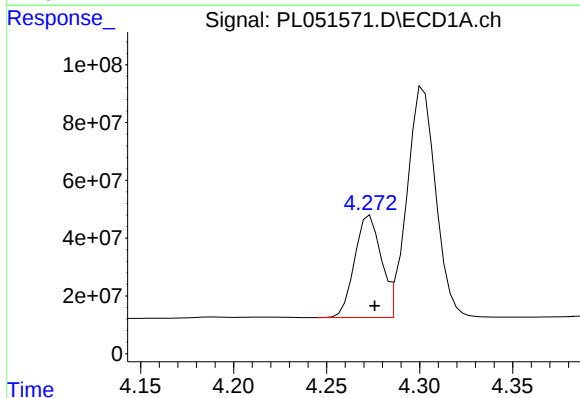
Manual Integrations  
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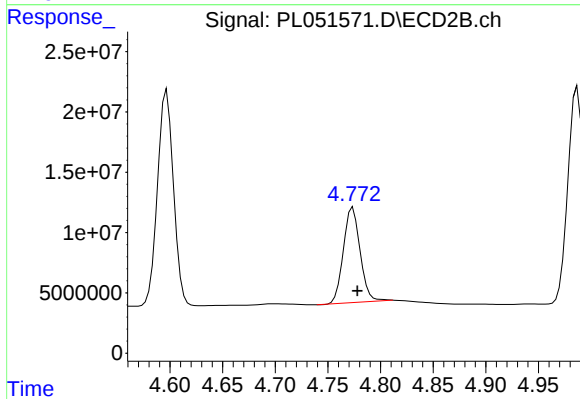
#5 Aldrin

R.T.: 5.400 min  
Delta R.T.: -0.006 min  
Response: 185255102  
Conc: 49.16 ng/ml



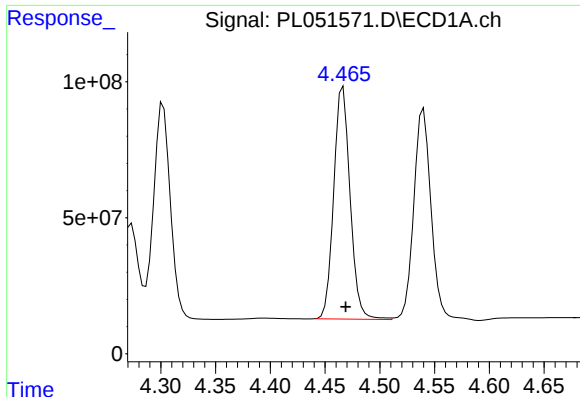
#6 beta-BHC

R.T.: 4.273 min  
Delta R.T.: -0.002 min  
Response: 349679696  
Conc: 53.34 ng/ml



#6 beta-BHC

R.T.: 4.774 min  
Delta R.T.: -0.004 min  
Response: 87710026  
Conc: 50.73 ng/ml



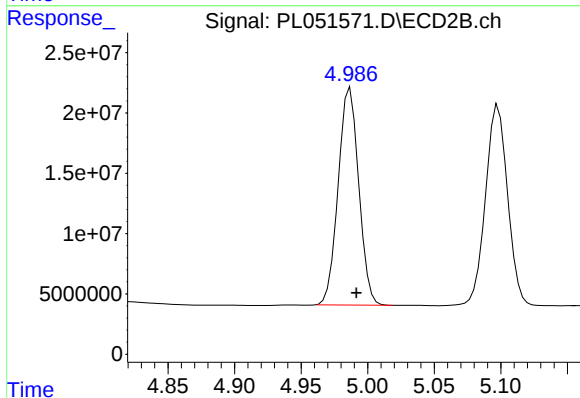
#7 delta-BHC

R.T.: 4.466 min  
Delta R.T.: -0.003 min  
Response: 887480408  
Conc: 54.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

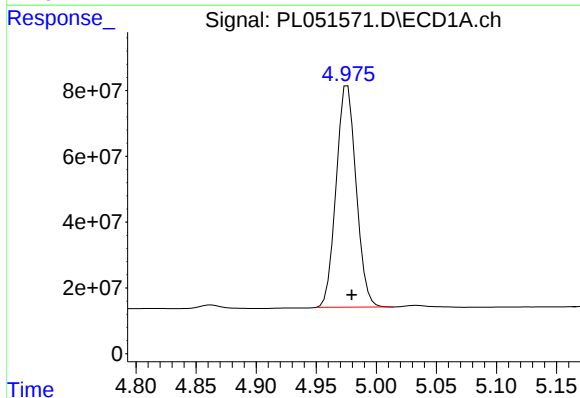
Manual Integrations  
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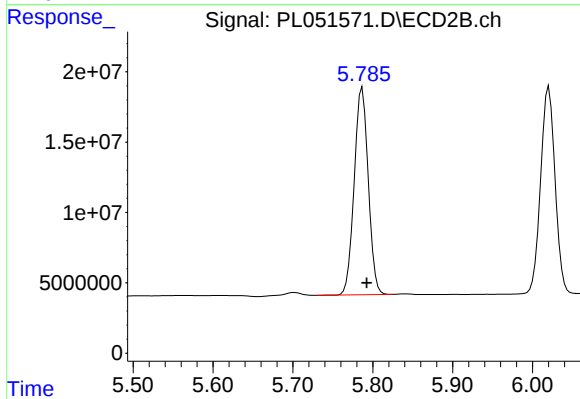
#7 delta-BHC

R.T.: 4.987 min  
Delta R.T.: -0.005 min  
Response: 193273513  
Conc: 49.97 ng/ml



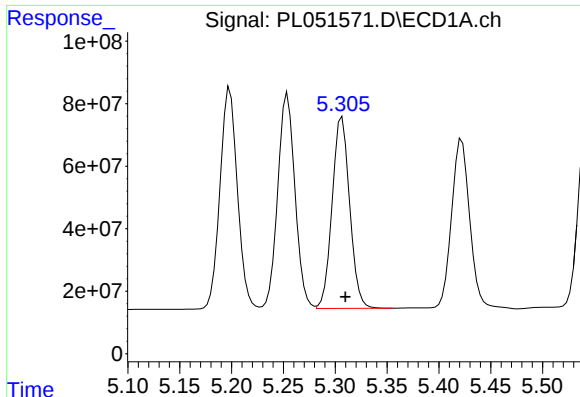
#8 Heptachlor epoxide

R.T.: 4.976 min  
Delta R.T.: -0.003 min  
Response: 780681615  
Conc: 52.84 ng/ml



#8 Heptachlor epoxide

R.T.: 5.787 min  
Delta R.T.: -0.006 min  
Response: 180105888  
Conc: 47.09 ng/ml



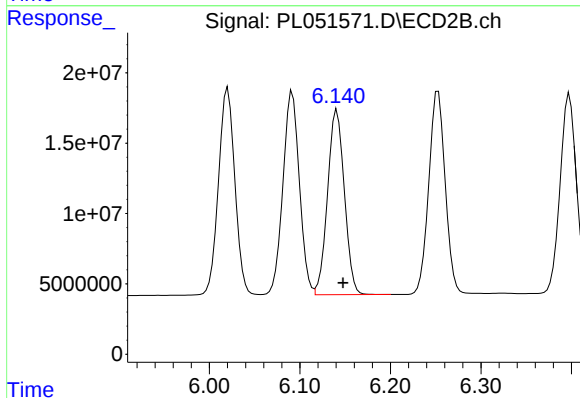
#9 Endosulfan I

R.T.: 5.307 min  
Delta R.T.: -0.003 min  
Response: 721122626  
Conc: 49.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

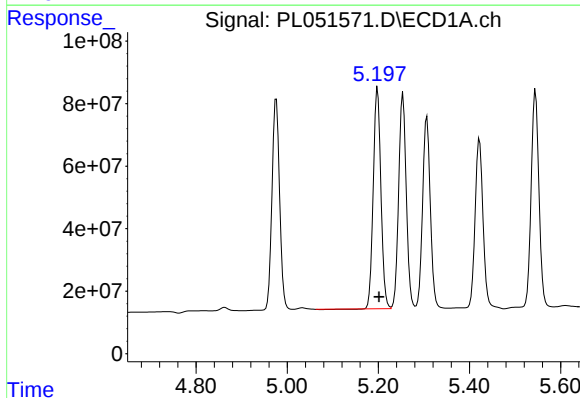
Manual Integrations  
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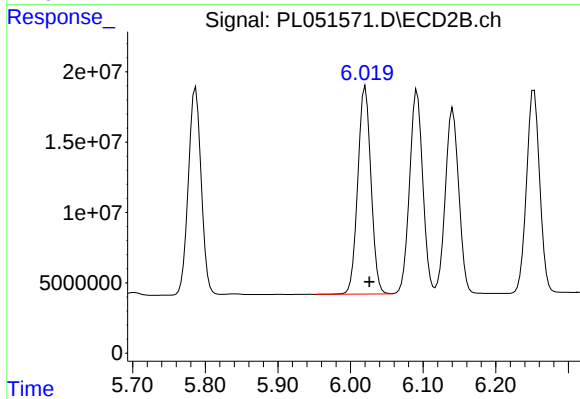
#9 Endosulfan I

R.T.: 6.141 min  
Delta R.T.: -0.007 min  
Response: 169685331  
Conc: 49.34 ng/ml



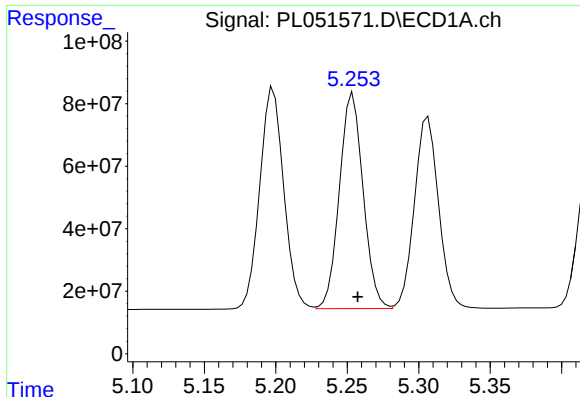
#10 gamma-Chlordane

R.T.: 5.198 min  
Delta R.T.: -0.003 min  
Response: 822210678  
Conc: 52.09 ng/ml



#10 gamma-Chlordane

R.T.: 6.020 min  
Delta R.T.: -0.006 min  
Response: 185450775  
Conc: 50.19 ng/ml



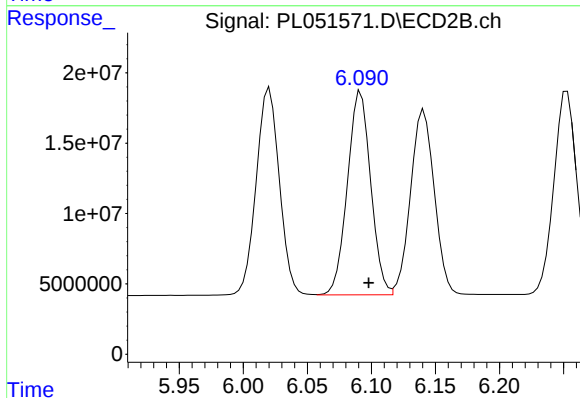
#11 alpha-Chlordane

R.T.: 5.254 min  
Delta R.T.: -0.003 min  
Response: 797298790  
Conc: 52.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

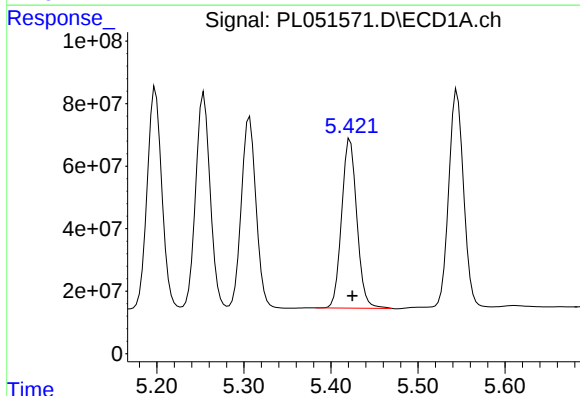
Manual Integrations  
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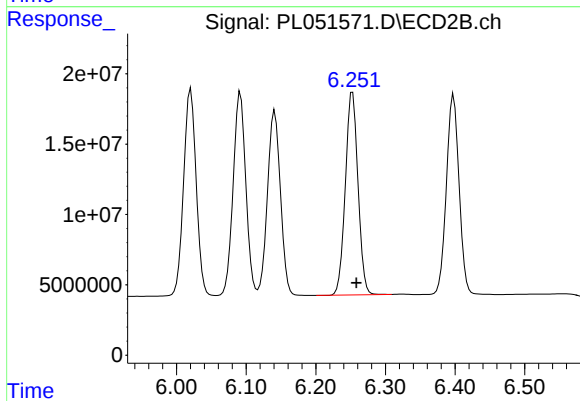
#11 alpha-Chlordane

R.T.: 6.092 min  
Delta R.T.: -0.006 min  
Response: 183161773  
Conc: 49.97 ng/ml



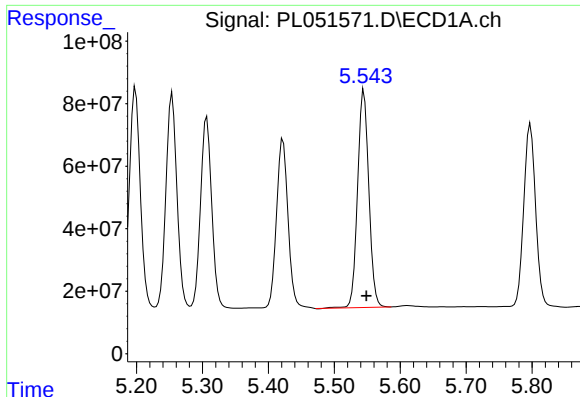
#12 4,4'-DDE

R.T.: 5.422 min  
Delta R.T.: -0.003 min  
Response: 657030179  
Conc: 43.84 ng/ml



#12 4,4'-DDE

R.T.: 6.253 min  
Delta R.T.: -0.006 min  
Response: 181857629  
Conc: 50.47 ng/ml



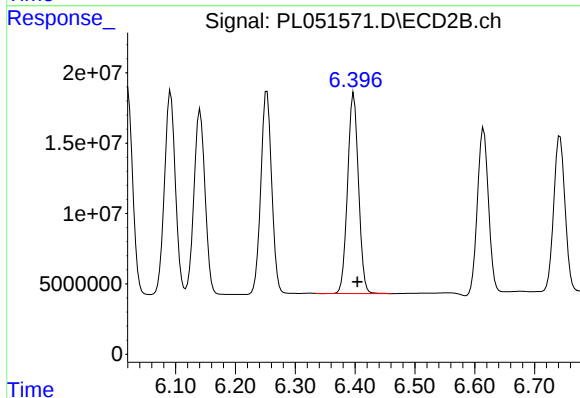
#13 Dieldrin

R.T.: 5.545 min  
Delta R.T.: -0.004 min  
Response: 823075590  
Conc: 53.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

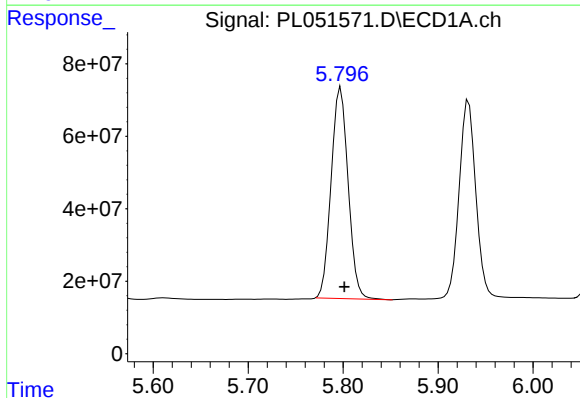
Manual Integrations  
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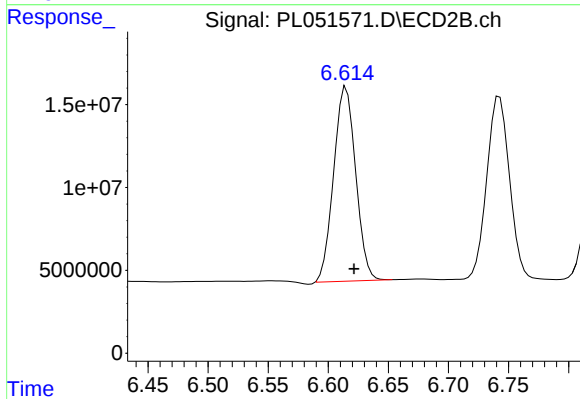
#13 Dieldrin

R.T.: 6.398 min  
Delta R.T.: -0.006 min  
Response: 180051064  
Conc: 50.85 ng/ml



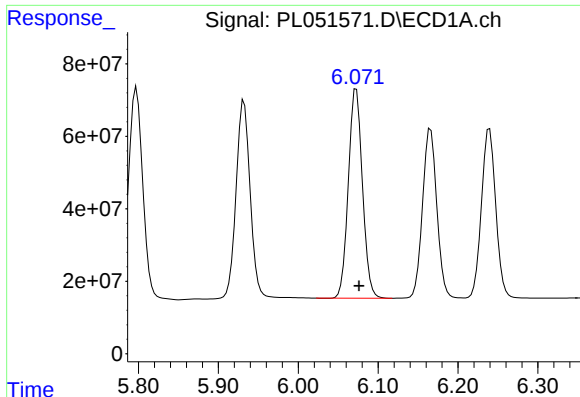
#14 Endrin

R.T.: 5.797 min  
Delta R.T.: -0.004 min  
Response: 724412129  
Conc: 49.21 ng/ml



#14 Endrin

R.T.: 6.615 min  
Delta R.T.: -0.006 min  
Response: 149686719  
Conc: 48.26 ng/ml



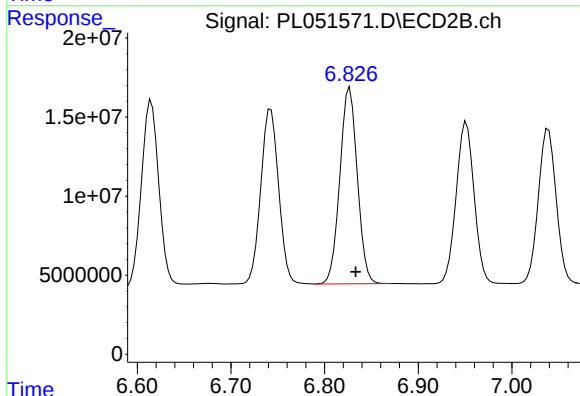
#15 Endosulfan II

R.T.: 6.073 min  
Delta R.T.: -0.003 min  
Response: 709940746  
Conc: 50.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

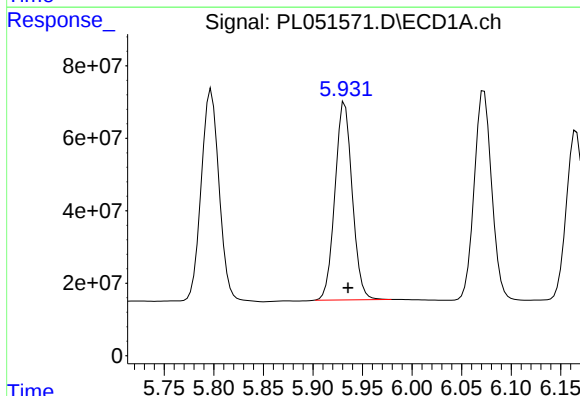
Manual Integrations  
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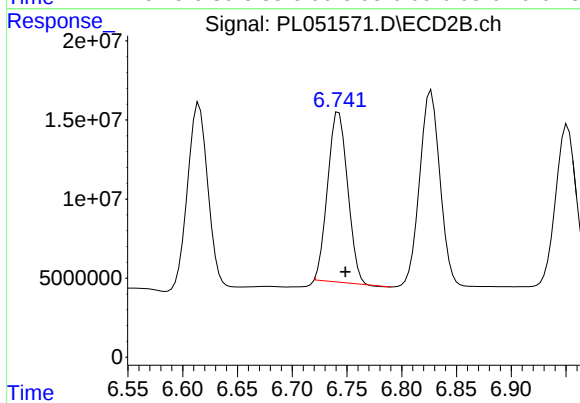
#15 Endosulfan II

R.T.: 6.827 min  
Delta R.T.: -0.006 min  
Response: 160647459  
Conc: 50.53 ng/ml



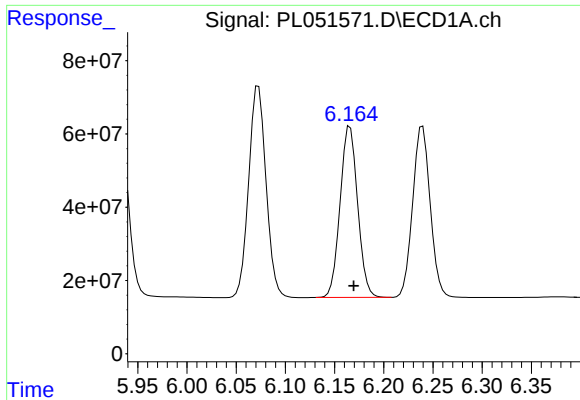
#16 4,4'-DDD

R.T.: 5.932 min  
Delta R.T.: -0.003 min  
Response: 661370654  
Conc: 55.19 ng/ml



#16 4,4'-DDD

R.T.: 6.743 min  
Delta R.T.: -0.006 min  
Response: 136353921  
Conc: 51.21 ng/ml



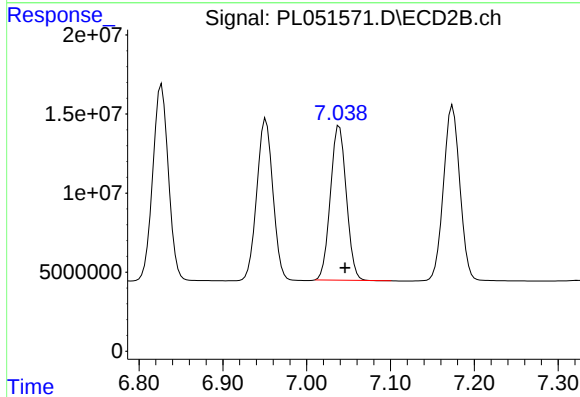
#17 4,4'-DDT

R.T.: 6.166 min  
Delta R.T.: -0.004 min  
Response: 579465234  
Conc: 46.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

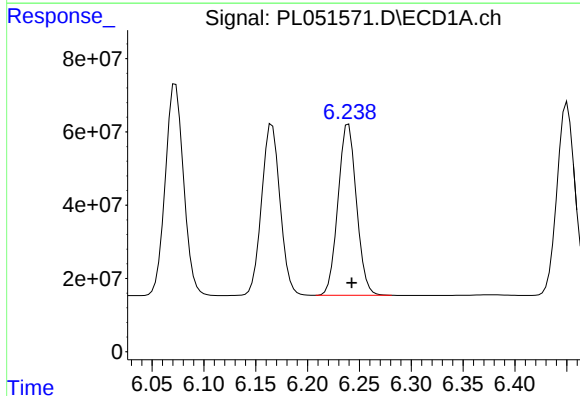
Manual Integrations  
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8/19/2019 2:16:30 PM



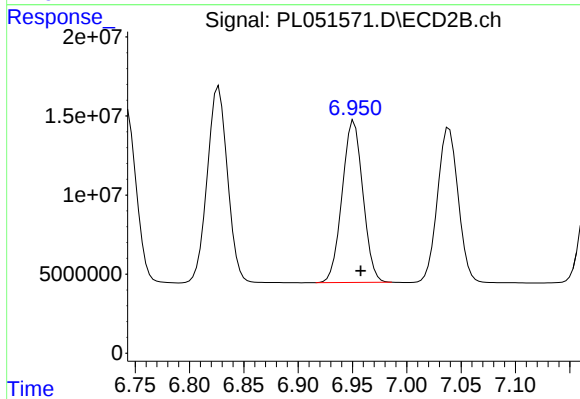
#17 4,4'-DDT

R.T.: 7.039 min  
Delta R.T.: -0.007 min  
Response: 128738981  
Conc: 47.69 ng/ml



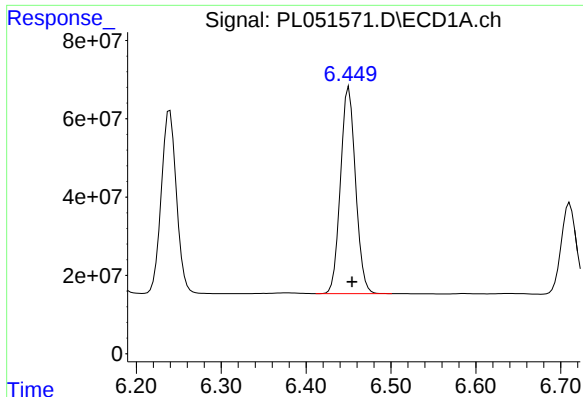
#18 Endrin aldehyde

R.T.: 6.239 min  
Delta R.T.: -0.003 min  
Response: 578872549  
Conc: 50.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.950 min  
Delta R.T.: -0.007 min  
Response: 136080426  
Conc: 50.07 ng/ml m



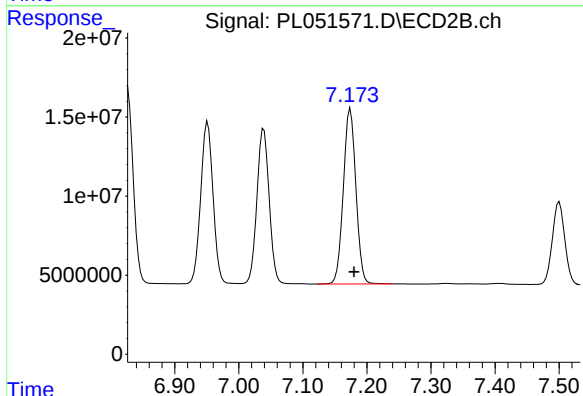
#19 Endosulfan Sulfate

R.T.: 6.451 min  
Delta R.T.: -0.004 min  
Response: 649780510  
Conc: 51.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

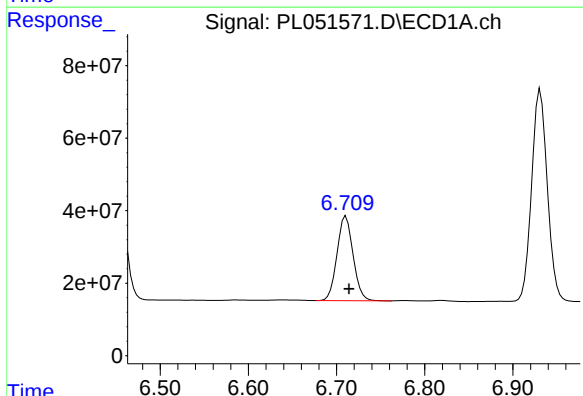
Manual Integrations  
APPROVED

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8/19/2019 2:16:30 PM



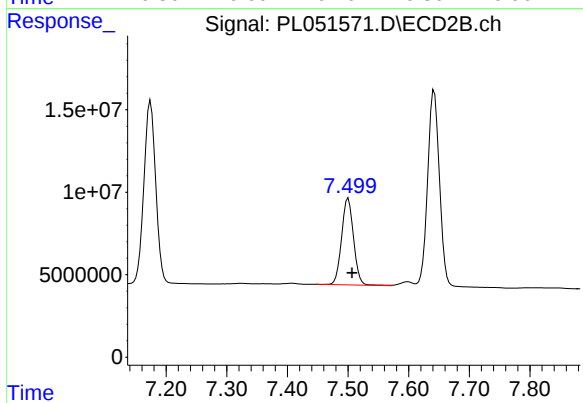
#19 Endosulfan Sulfate

R.T.: 7.174 min  
Delta R.T.: -0.006 min  
Response: 150720987  
Conc: 52.18 ng/ml



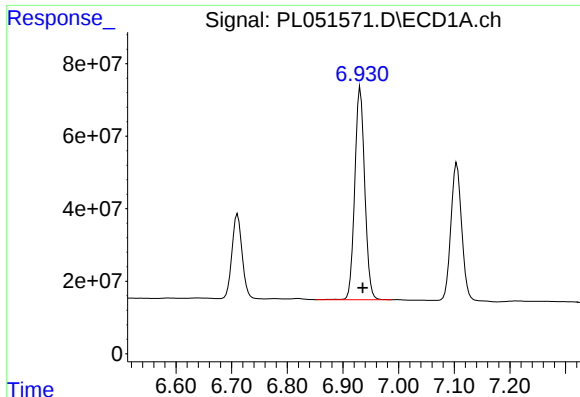
#20 Methoxychlor

R.T.: 6.711 min  
Delta R.T.: -0.003 min  
Response: 295496380  
Conc: 47.36 ng/ml



#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: -0.006 min  
Response: 72029118  
Conc: 49.09 ng/ml



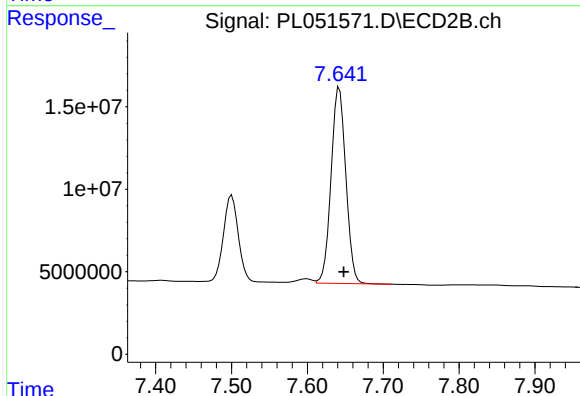
#21 Endrin ketone

R.T.: 6.931 min  
Delta R.T.: -0.004 min  
Response: 728525273  
Conc: 53.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

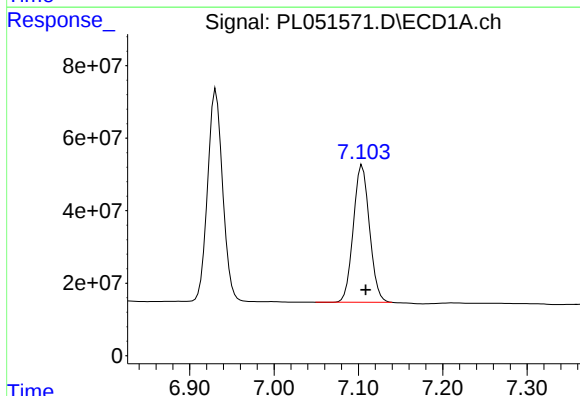
Manual Integrations  
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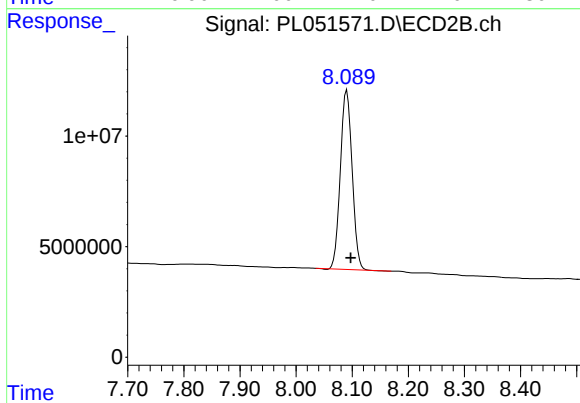
#21 Endrin ketone

R.T.: 7.642 min  
Delta R.T.: -0.006 min  
Response: 160549888  
Conc: 55.53 ng/ml



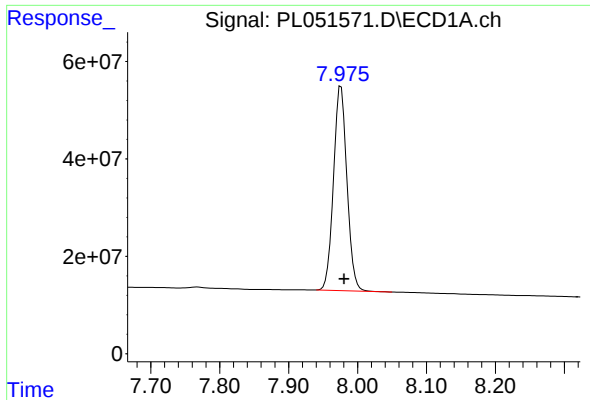
#22 Mirex

R.T.: 7.105 min  
Delta R.T.: -0.004 min  
Response: 504968302  
Conc: 51.50 ng/ml



#22 Mirex

R.T.: 8.090 min  
Delta R.T.: -0.007 min  
Response: 118004520  
Conc: 51.37 ng/ml



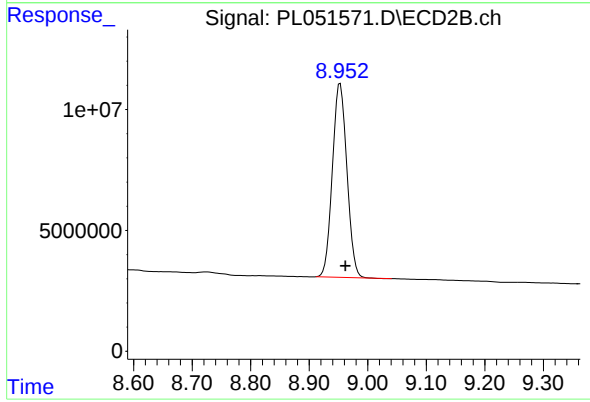
#28 Decachlorobiphenyl

R.T.: 7.976 min  
Delta R.T.: -0.005 min  
Response: 567996061  
Conc: 56.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.953 min  
Delta R.T.: -0.009 min  
Response: 138198142  
Conc: 48.87 ng/ml