

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072720\  
 Data File : PL060228.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2020 11:01  
 Operator : DD\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: Jul 28 01:04:38 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 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... | 3.465 | 4.012 | 99779000 | 137.8E6  | 51.586 | 51.999  |
| 28)                         | SA Decachlor... | 8.224 | 9.098 | 75175491 | 94451136 | 45.697 | 45.162  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.902 | 4.401 | 146.5E6  | 201.0E6  | 50.969 | 52.060  |
| 3)                          | MA gamma-BHC... | 4.185 | 4.685 | 126.2E6  | 187.3E6  | 51.117 | 51.636m |
| 4)                          | MA Heptachlor   | 4.488 | 5.197 | 113.1E6  | 173.1E6  | 50.436 | 51.454  |
| 5)                          | MB Aldrin       | 4.736 | 5.503 | 98041168 | 157.3E6  | 49.685 | 50.487  |
| 6)                          | B beta-BHC      | 4.436 | 4.856 | 50744935 | 78984417 | 49.689 | 52.244  |
| 7)                          | B delta-BHC     | 4.640 | 5.074 | 113.2E6  | 166.8E6  | 50.922 | 53.520  |
| 8)                          | B Heptachlo...  | 5.180 | 5.890 | 90462355 | 140.7E6  | 49.285 | 52.240  |
| 9)                          | A Endosulfan I  | 5.519 | 6.248 | 82369056 | 132.0E6  | 48.963 | 49.497  |
| 10)                         | B gamma-Chl...  | 5.407 | 6.125 | 89000150 | 143.2E6  | 49.059 | 50.015  |
| 11)                         | B alpha-Chl...  | 5.466 | 6.198 | 88222997 | 142.9E6  | 48.923 | 49.969  |
| 12)                         | B 4,4'-DDE      | 5.631 | 6.355 | 80946218 | 131.8E6  | 48.606 | 49.230  |
| 13)                         | MA Dieldrin     | 5.762 | 6.506 | 85774794 | 136.7E6  | 48.610 | 49.404  |
| 14)                         | MA Endrin       | 6.018 | 6.724 | 72650683 | 111.7E6  | 49.912 | 52.488  |
| 15)                         | B Endosulfa...  | 6.291 | 6.933 | 78666610 | 118.8E6  | 47.102 | 47.289  |
| 16)                         | A 4,4'-DDD      | 6.146 | 6.846 | 70360497 | 110.9E6  | 46.091 | 48.292  |
| 17)                         | MA 4,4'-DDT     | 6.387 | 7.146 | 64084907 | 98988975 | 49.290 | 50.272  |
| 18)                         | B Endrin al...  | 6.460 | 7.056 | 66627469 | 102.3E6  | 46.705 | 47.092  |
| 19)                         | B Endosulfa...  | 6.672 | 7.281 | 75845600 | 112.3E6  | 46.140 | 48.016  |
| 20)                         | A Methoxychlor  | 6.934 | 7.605 | 37518410 | 56616838 | 50.159 | 49.872  |
| 21)                         | B Endrin ke...  | 7.163 | 7.752 | 89086727 | 121.4E6  | 47.469 | 46.988  |
| 22)                         | Mirex           | 7.353 | 8.209 | 66409841 | 87338934 | 46.680 | 47.256  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072720\  
Data File : PL060228.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jul 2020 11:01  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

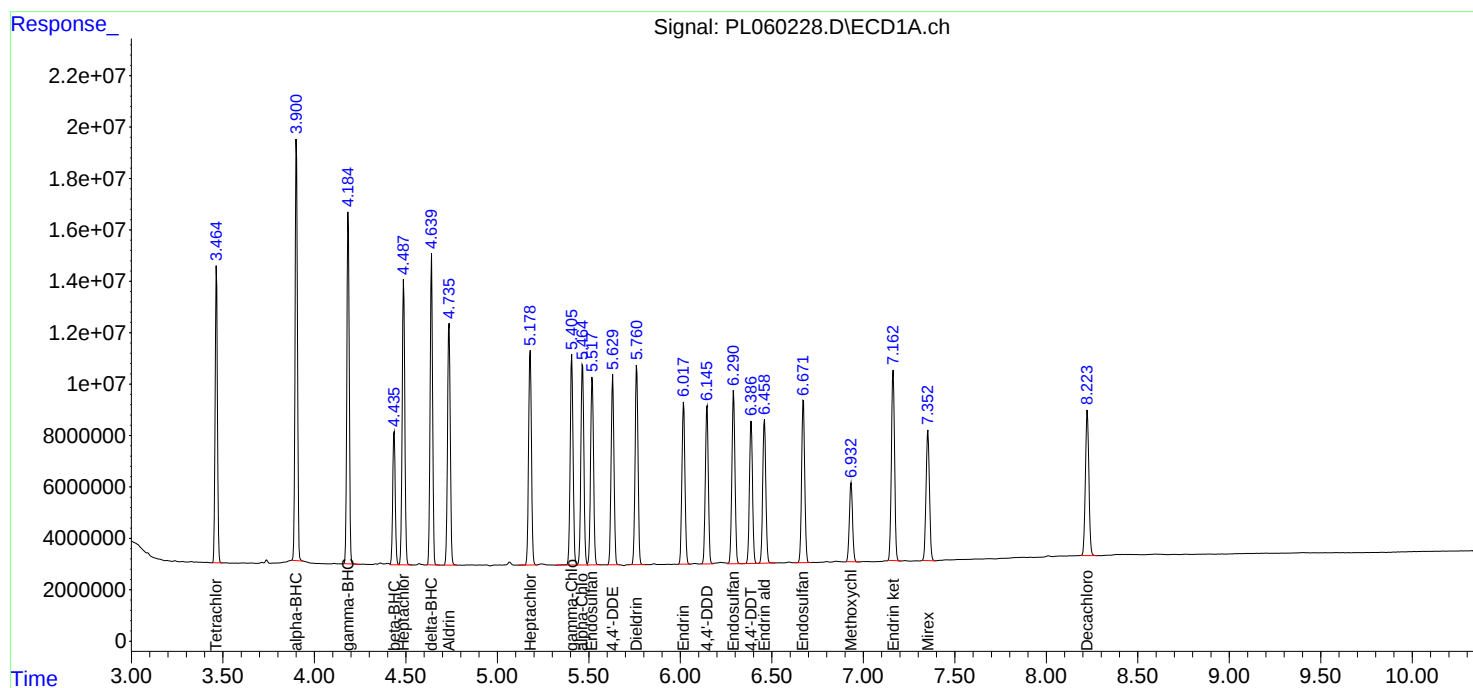
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

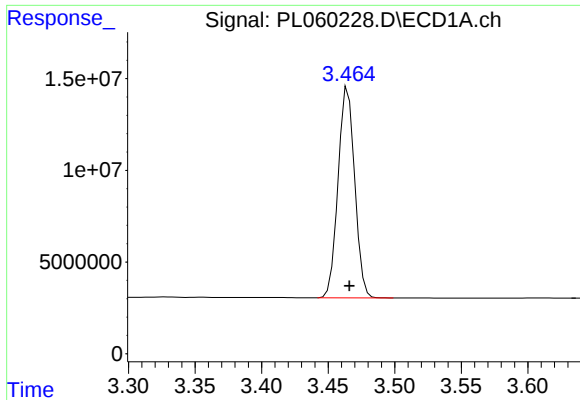
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 28 01:04:38 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 2020  
Response via : Initial Calibration  
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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





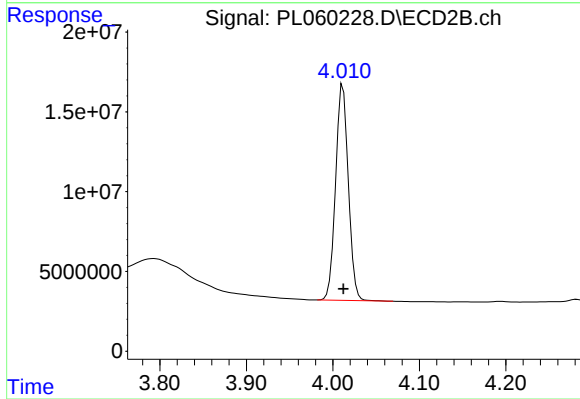
#1 Tetrachloro-m-xylene

R.T.: 3.465 min  
Delta R.T.: -0.001 min  
Response: 99779000  
Conc: 51.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

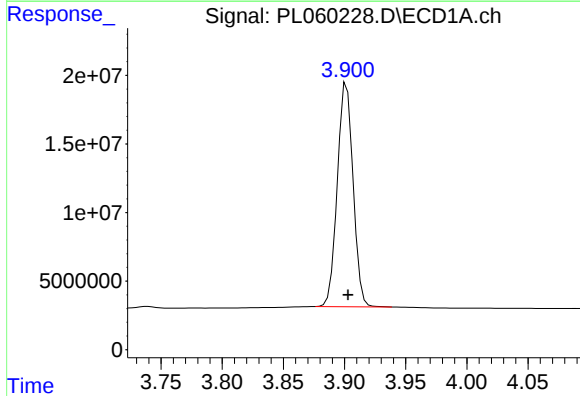
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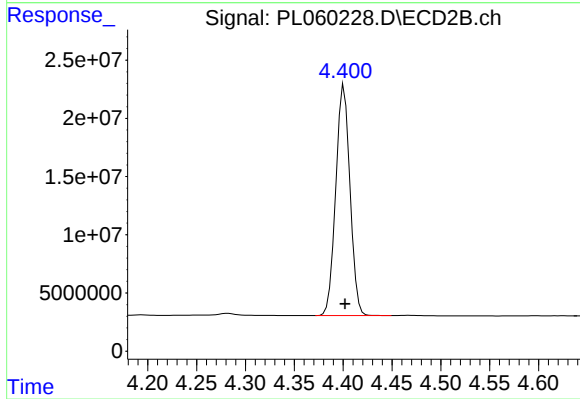
#1 Tetrachloro-m-xylene

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 137807558  
Conc: 52.00 ng/ml



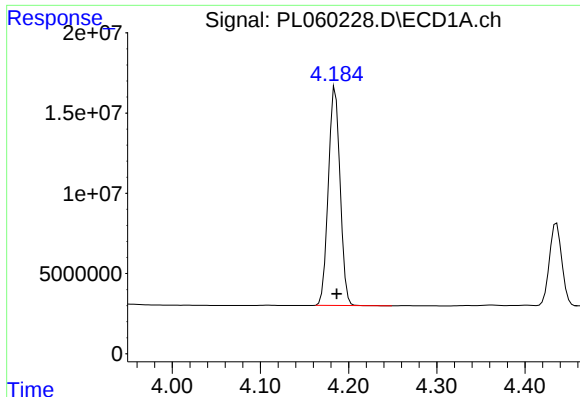
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: -0.001 min  
Response: 146502073  
Conc: 50.97 ng/ml



#2 alpha-BHC

R.T.: 4.401 min  
Delta R.T.: 0.000 min  
Response: 200981943  
Conc: 52.06 ng/ml



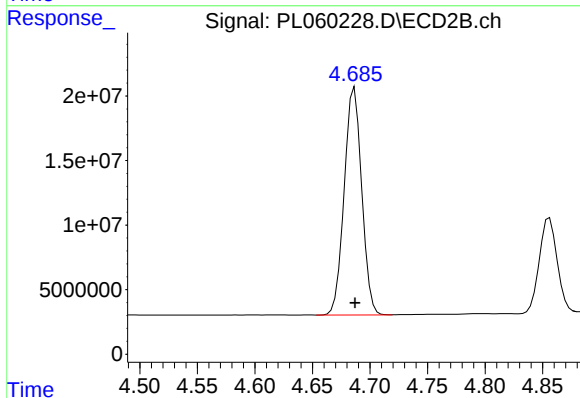
#3 gamma-BHC (Lindane)

R.T.: 4.185 min  
Delta R.T.: -0.002 min  
Response: 126239894  
Conc: 51.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

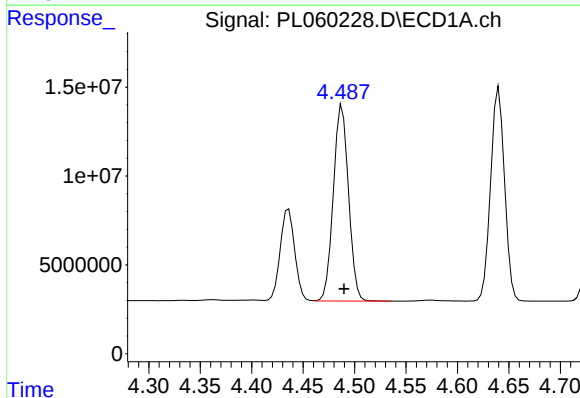
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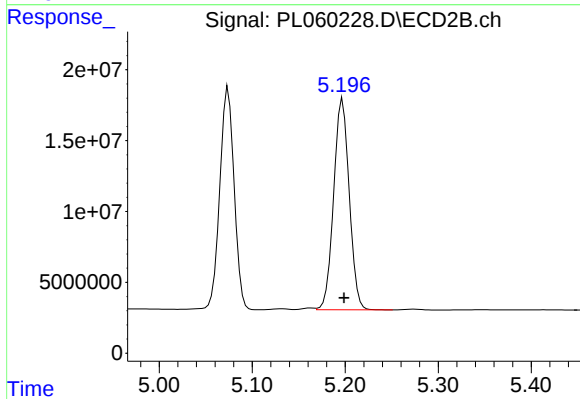
#3 gamma-BHC (Lindane)

R.T.: 4.685 min  
Delta R.T.: -0.002 min  
Response: 187280722  
Conc: 51.64 ng/ml m



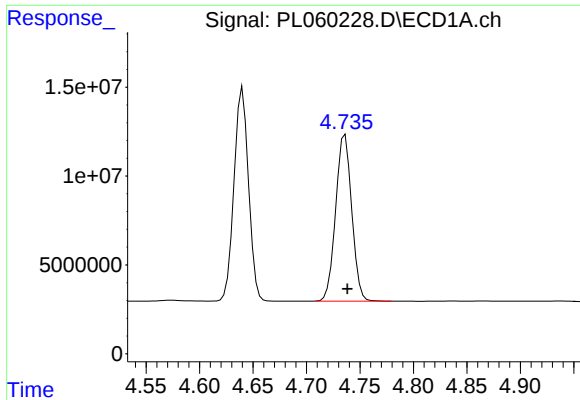
#4 Heptachlor

R.T.: 4.488 min  
Delta R.T.: -0.002 min  
Response: 113113834  
Conc: 50.44 ng/ml



#4 Heptachlor

R.T.: 5.197 min  
Delta R.T.: -0.001 min  
Response: 173095156  
Conc: 51.45 ng/ml



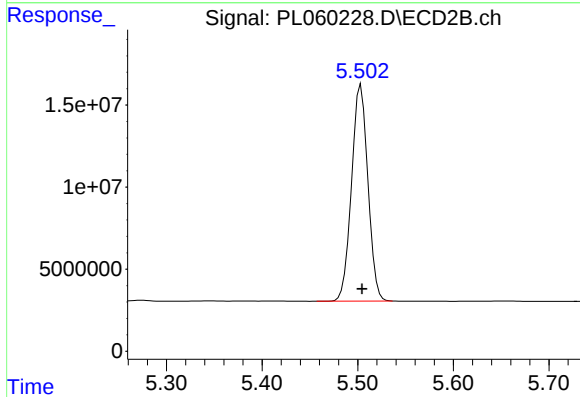
#5 Aldrin

R.T.: 4.736 min  
Delta R.T.: -0.002 min  
Response: 98041168  
Conc: 49.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

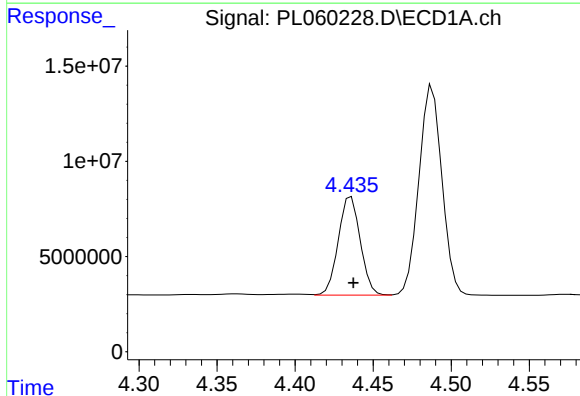
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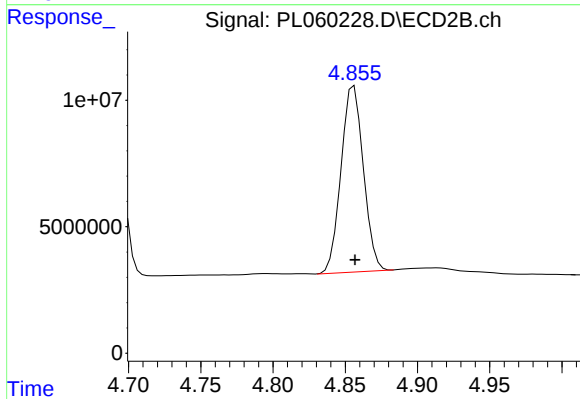
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: -0.001 min  
Response: 157252472  
Conc: 50.49 ng/ml



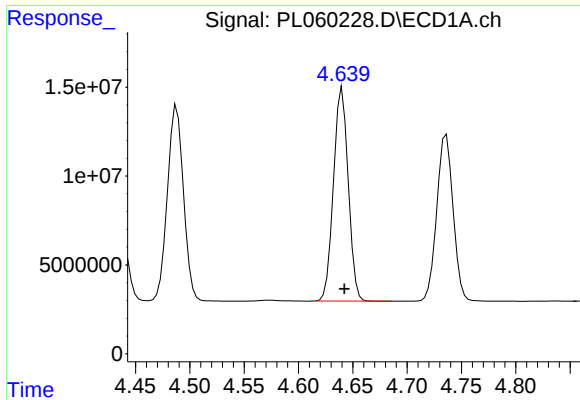
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: -0.001 min  
Response: 50744935  
Conc: 49.69 ng/ml



#6 beta-BHC

R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 78984417  
Conc: 52.24 ng/ml



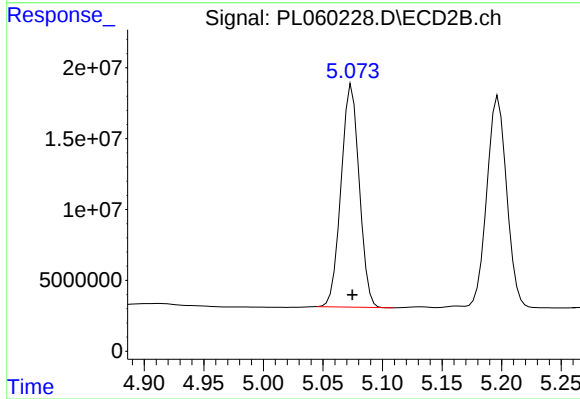
#7 delta-BHC

R.T.: 4.640 min  
Delta R.T.: -0.002 min  
Response: 113203174  
Conc: 50.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

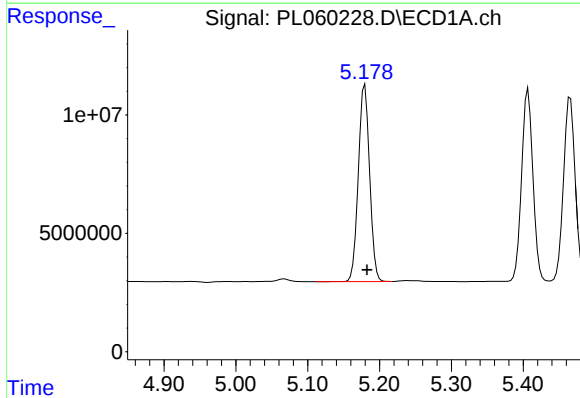
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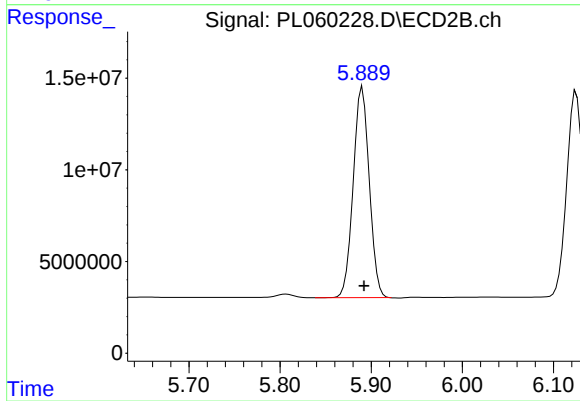
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 166752554  
Conc: 53.52 ng/ml



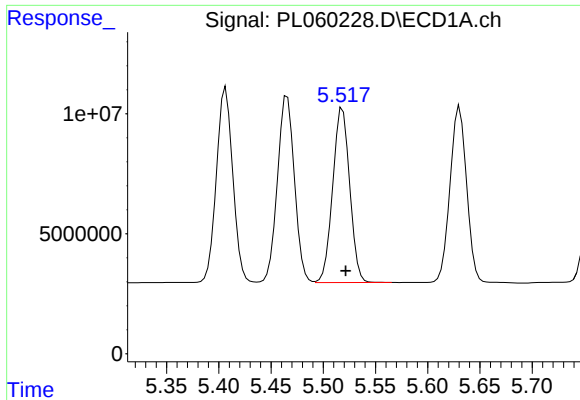
#8 Heptachlor epoxide

R.T.: 5.180 min  
Delta R.T.: -0.003 min  
Response: 90462355  
Conc: 49.28 ng/ml



#8 Heptachlor epoxide

R.T.: 5.890 min  
Delta R.T.: -0.002 min  
Response: 140694303  
Conc: 52.24 ng/ml



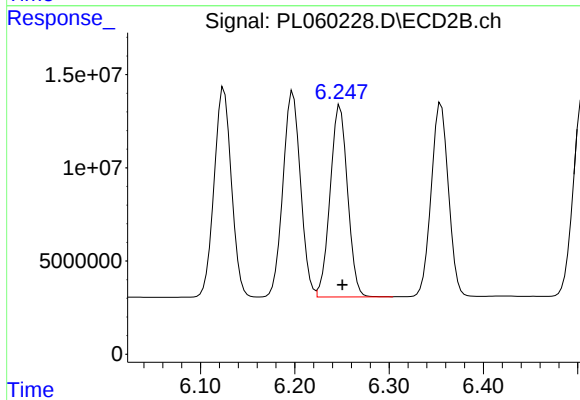
#9 Endosulfan I

R.T.: 5.519 min  
Delta R.T.: -0.003 min  
Response: 82369056  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

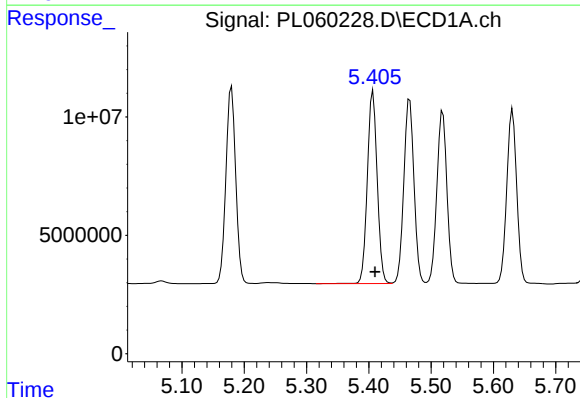
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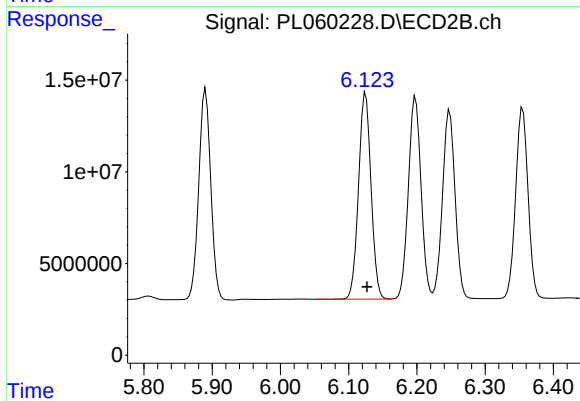
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: -0.002 min  
Response: 132025321  
Conc: 49.50 ng/ml



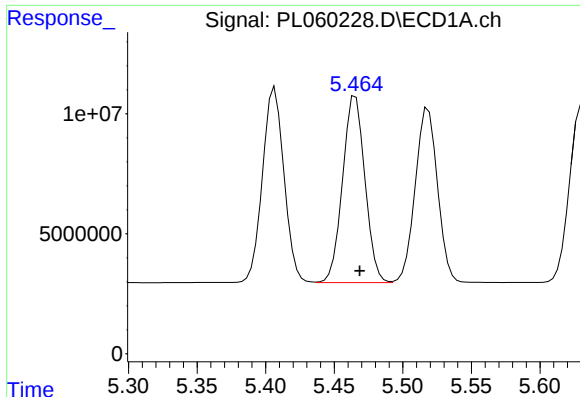
#10 gamma-Chlordane

R.T.: 5.407 min  
Delta R.T.: -0.003 min  
Response: 89000150  
Conc: 49.06 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min  
Delta R.T.: -0.002 min  
Response: 143223428  
Conc: 50.02 ng/ml



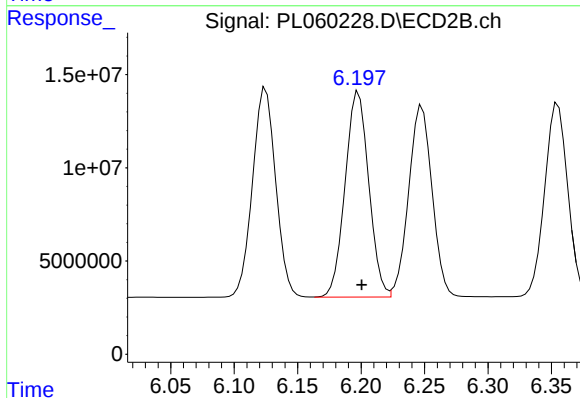
#11 alpha-Chlordane

R.T.: 5.466 min  
Delta R.T.: -0.003 min  
Response: 88222997  
Conc: 48.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

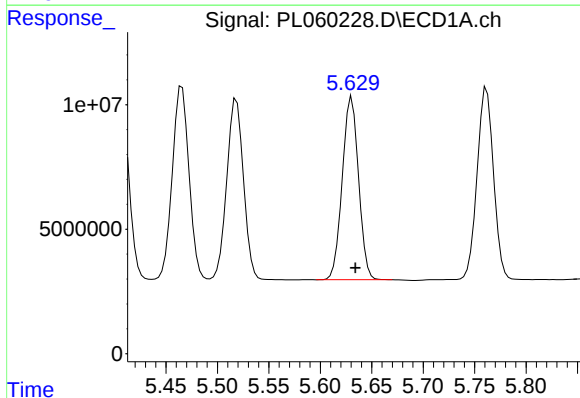
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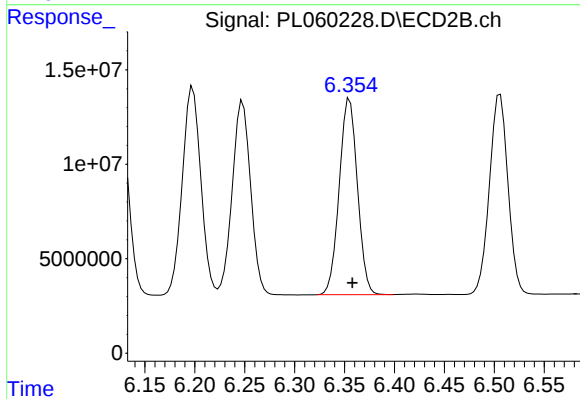
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: -0.003 min  
Response: 142873046  
Conc: 49.97 ng/ml



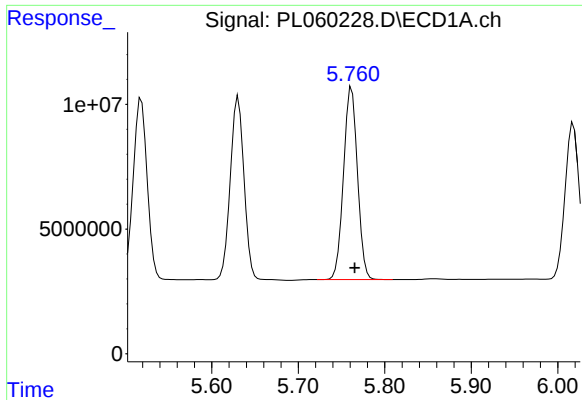
#12 4,4'-DDE

R.T.: 5.631 min  
Delta R.T.: -0.004 min  
Response: 80946218  
Conc: 48.61 ng/ml



#12 4,4'-DDE

R.T.: 6.355 min  
Delta R.T.: -0.003 min  
Response: 131773279  
Conc: 49.23 ng/ml



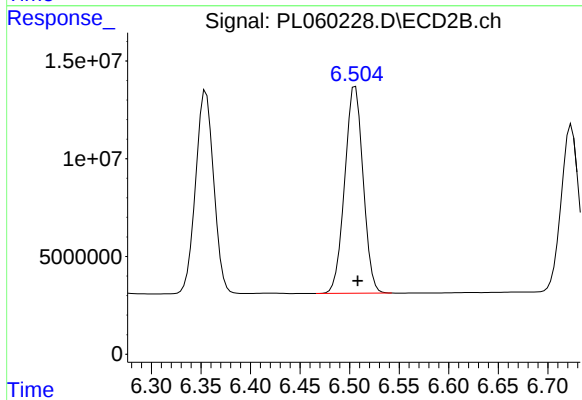
#13 Dieldrin

R.T.: 5.762 min  
Delta R.T.: -0.004 min  
Response: 85774794  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

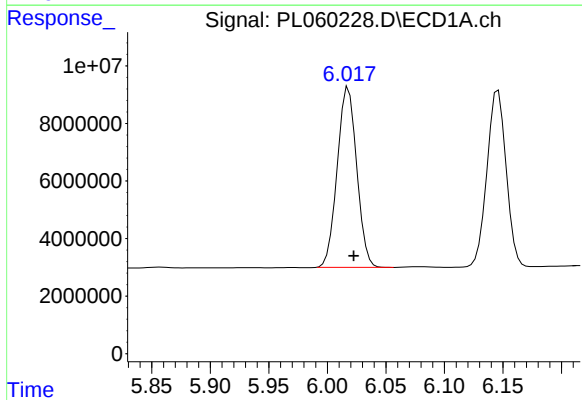
Manual Integrations  
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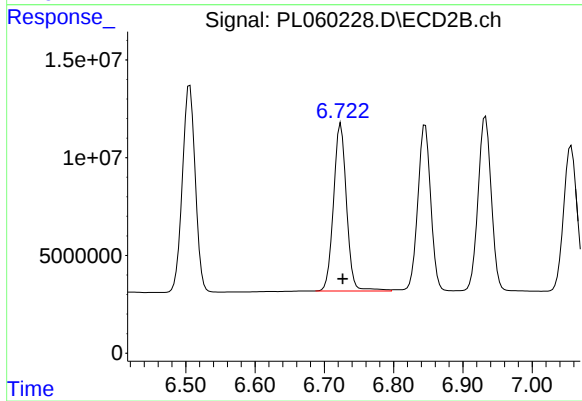
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: -0.003 min  
Response: 136663523  
Conc: 49.40 ng/ml



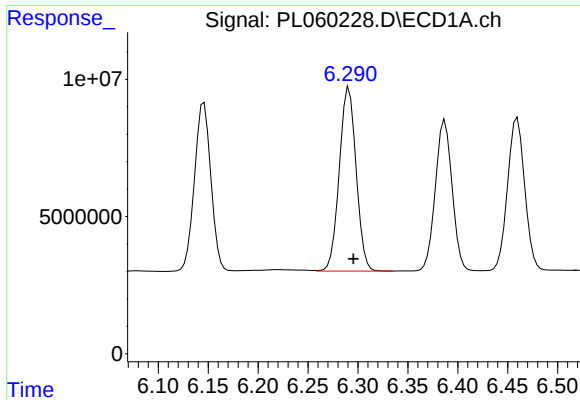
#14 Endrin

R.T.: 6.018 min  
Delta R.T.: -0.004 min  
Response: 72650683  
Conc: 49.91 ng/ml



#14 Endrin

R.T.: 6.724 min  
Delta R.T.: -0.003 min  
Response: 111698776  
Conc: 52.49 ng/ml



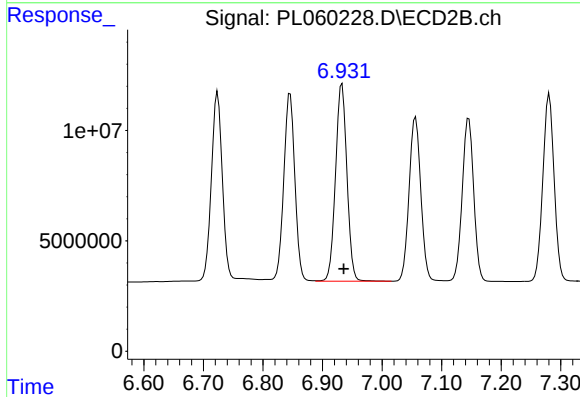
#15 Endosulfan II

R.T.: 6.291 min  
Delta R.T.: -0.005 min  
Response: 78666610  
Conc: 47.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

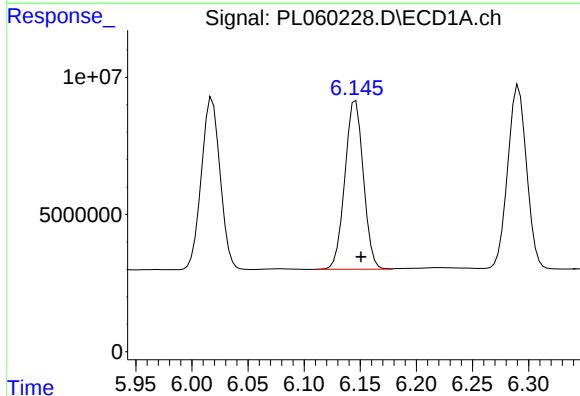
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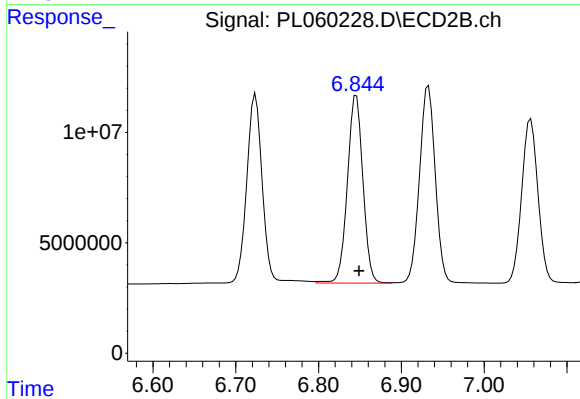
#15 Endosulfan II

R.T.: 6.933 min  
Delta R.T.: -0.003 min  
Response: 118772118  
Conc: 47.29 ng/ml



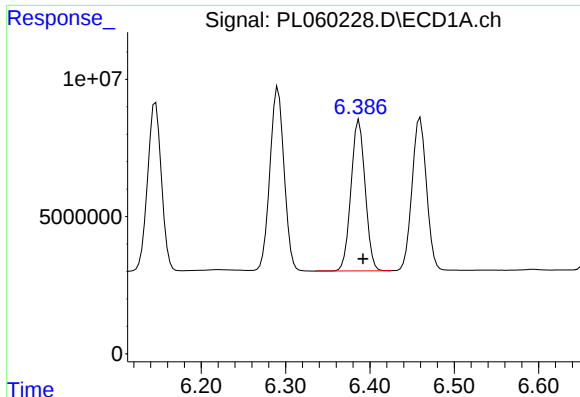
#16 4,4'-DDD

R.T.: 6.146 min  
Delta R.T.: -0.005 min  
Response: 70360497  
Conc: 46.09 ng/ml



#16 4,4'-DDD

R.T.: 6.846 min  
Delta R.T.: -0.003 min  
Response: 110853435  
Conc: 48.29 ng/ml



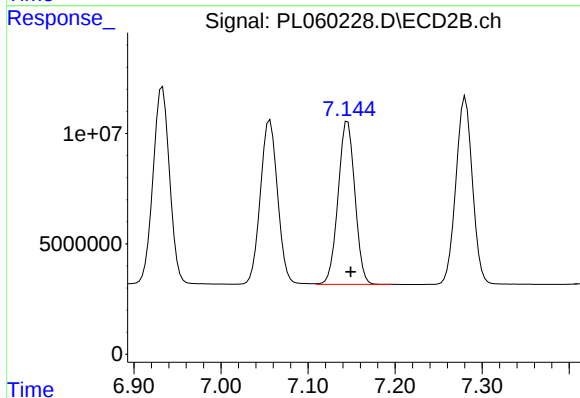
#17 4,4'-DDT

R.T.: 6.387 min  
Delta R.T.: -0.005 min  
Response: 64084907  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

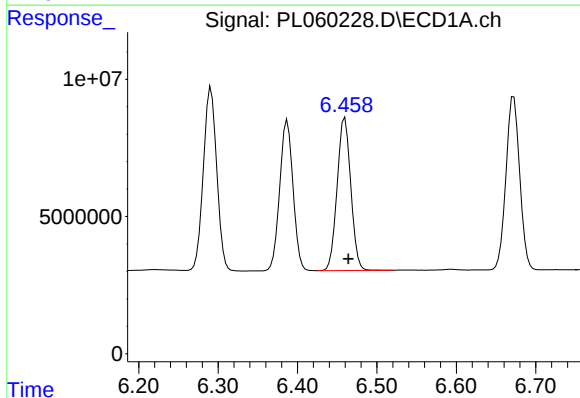
Manual Integrations  
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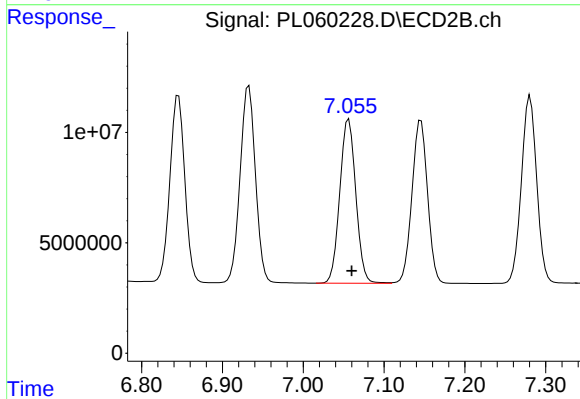
#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: -0.003 min  
Response: 98988975  
Conc: 50.27 ng/ml



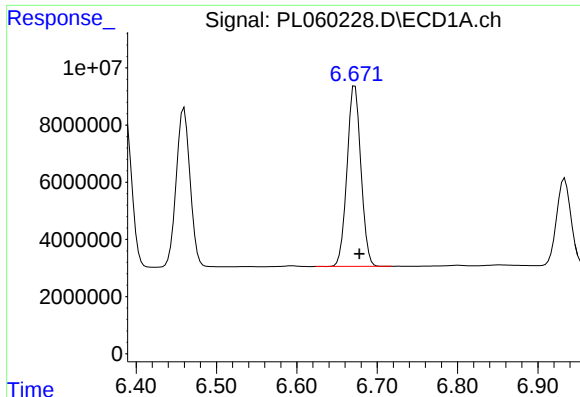
#18 Endrin aldehyde

R.T.: 6.460 min  
Delta R.T.: -0.004 min  
Response: 66627469  
Conc: 46.70 ng/ml



#18 Endrin aldehyde

R.T.: 7.056 min  
Delta R.T.: -0.004 min  
Response: 102276974  
Conc: 47.09 ng/ml



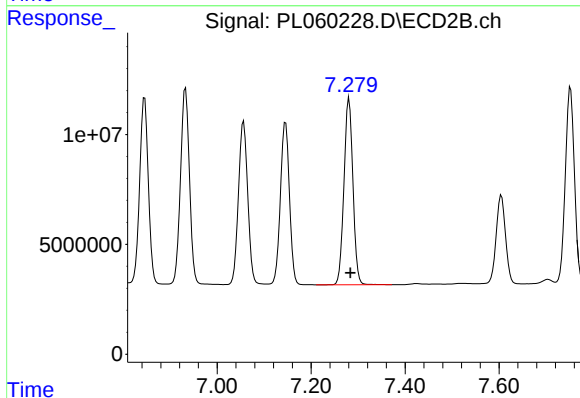
#19 Endosulfan Sulfate

R.T.: 6.672 min  
Delta R.T.: -0.005 min  
Response: 75845600  
Conc: 46.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

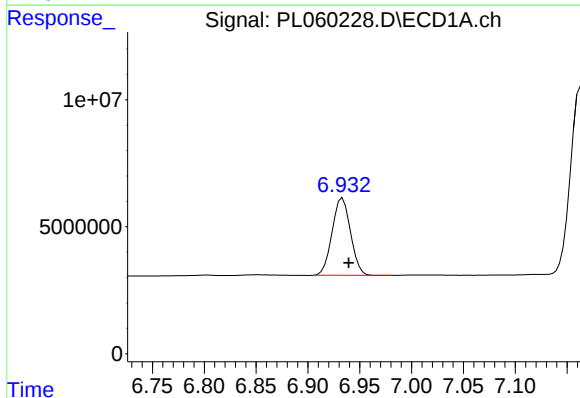
Manual Integrations  
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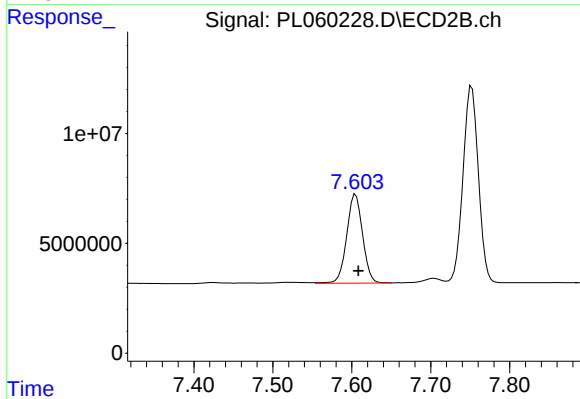
#19 Endosulfan Sulfate

R.T.: 7.281 min  
Delta R.T.: -0.003 min  
Response: 112304854  
Conc: 48.02 ng/ml



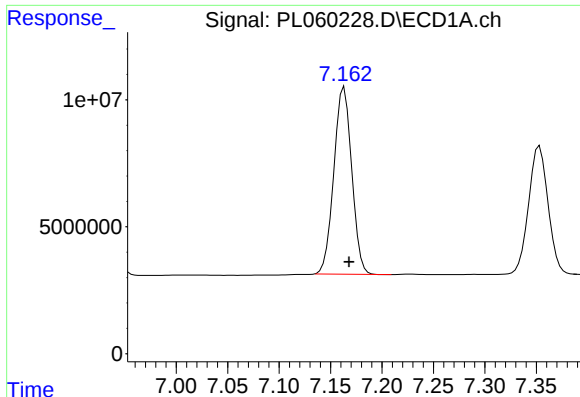
#20 Methoxychlor

R.T.: 6.934 min  
Delta R.T.: -0.006 min  
Response: 37518410  
Conc: 50.16 ng/ml



#20 Methoxychlor

R.T.: 7.605 min  
Delta R.T.: -0.004 min  
Response: 56616838  
Conc: 49.87 ng/ml



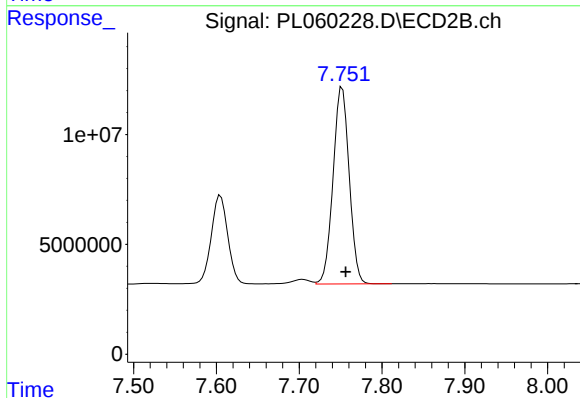
#21 Endrin ketone

R.T.: 7.163 min  
Delta R.T.: -0.005 min  
Response: 89086727  
Conc: 47.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

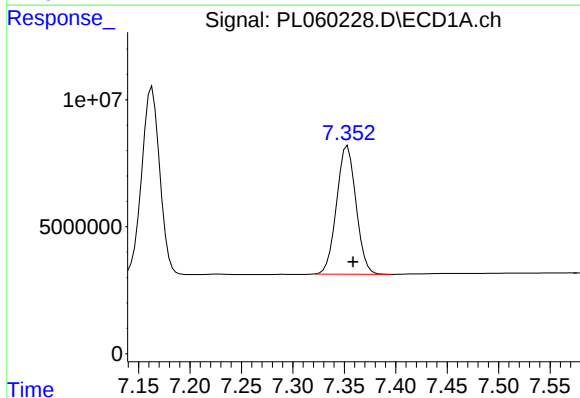
Manual Integrations  
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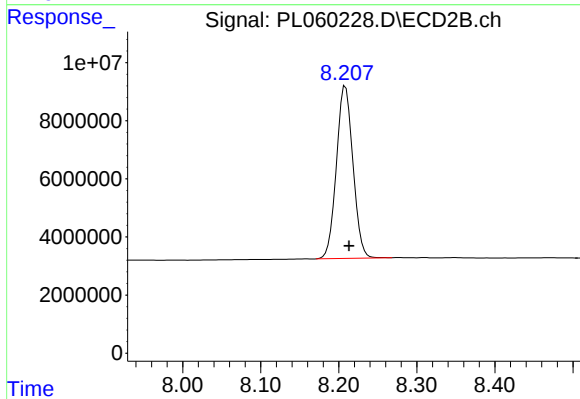
#21 Endrin ketone

R.T.: 7.752 min  
Delta R.T.: -0.004 min  
Response: 121355437  
Conc: 46.99 ng/ml



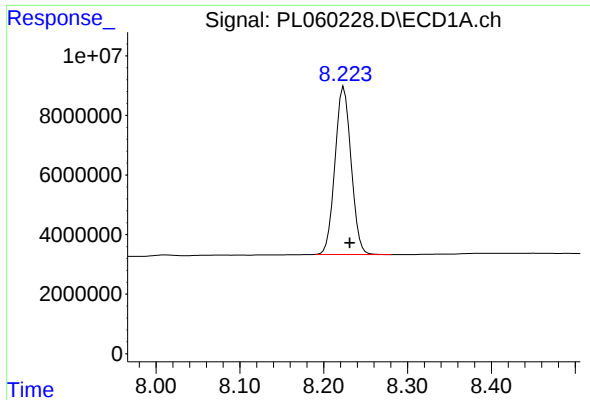
#22 Mirex

R.T.: 7.353 min  
Delta R.T.: -0.005 min  
Response: 66409841  
Conc: 46.68 ng/ml



#22 Mirex

R.T.: 8.209 min  
Delta R.T.: -0.004 min  
Response: 87338934  
Conc: 47.26 ng/ml



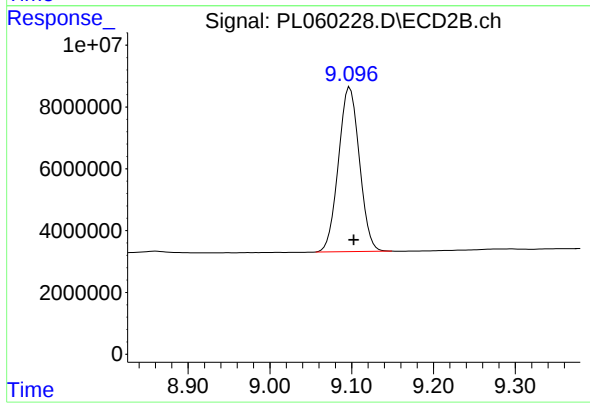
#28 Decachlorobiphenyl

R.T.: 8.224 min  
Delta R.T.: -0.007 min  
Response: 75175491  
Conc: 45.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.098 min  
Delta R.T.: -0.005 min  
Response: 94451136  
Conc: 45.16 ng/ml