

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042120\  
 Data File : PD057799.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Apr 2020 12:38  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 06:01:51 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032720.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 27 14:08:11 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.229 | 3.896 | 31293034 | 42830172 | 43.829  | 54.592   |
| 2)                          | SA Decachlor... | 7.876 | 8.901 | 31870367 | 42950401 | 41.858  | 48.833m  |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.652 | 4.280 | 49323696 | 66827538 | 44.952  | 56.079   |
| 3)                          | MA gamma-BHC... | 3.924 | 4.559 | 48151093 | 63896858 | 44.723  | 55.344m  |
| 4)                          | MA Heptachlor   | 4.205 | 5.062 | 35805139 | 61778538 | 45.434  | 54.875   |
| 5)                          | MB Aldrin       | 4.441 | 5.363 | 43903230 | 59707707 | 44.757  | 54.361   |
| 6)                          | B beta-BHC      | 4.173 | 4.731 | 18822166 | 27837762 | 44.360  | 55.201   |
| 7)                          | B delta-BHC     | 4.365 | 4.944 | 46321111 | 58919851 | 44.772  | 66.443 # |
| 8)                          | B Heptachlo...  | 4.873 | 5.745 | 38195454 | 59480520 | 45.053m | 59.347m# |
| 9)                          | A Endosulfan I  | 5.201 | 6.100 | 36734612 | 57399091 | 44.248  | 55.105   |
| 10)                         | B gamma-Chl...  | 5.093 | 5.978 | 40091776 | 57855006 | 43.655m | 53.053m  |
| 11)                         | B alpha-Chl...  | 5.151 | 6.051 | 40677456 | 61372539 | 44.401  | 55.385   |
| 12)                         | B 4,4'-DDE      | 5.321 | 6.211 | 41327003 | 55082163 | 47.056  | 53.618   |
| 13)                         | MA Dieldrin     | 5.439 | 6.355 | 37457587 | 56834282 | 47.988m | 53.860   |
| 14)                         | MA Endrin       | 5.690 | 6.570 | 33266831 | 48310688 | 45.773m | 52.838m  |
| 15)                         | B Endosulfa...  | 5.966 | 6.780 | 34687189 | 52625870 | 44.880  | 52.045   |
| 16)                         | A 4,4'-DDD      | 5.828 | 6.696 | 27679912 | 45270082 | 48.514  | 51.323m  |
| 17)                         | MA 4,4'-DDT     | 6.062 | 6.994 | 28422888 | 47155212 | 48.781  | 53.898   |
| 18)                         | B Endrin al...  | 6.133 | 6.904 | 28730072 | 42594816 | 46.392  | 51.360   |
| 19)                         | B Endosulfa...  | 6.344 | 7.126 | 32233356 | 47444065 | 45.752  | 52.597   |
| 20)                         | A Methoxychlor  | 6.611 | 7.453 | 12382211 | 28548995 | 49.267  | 58.240   |
| 21)                         | B Endrin ke...  | 6.824 | 7.594 | 40971460 | 54002428 | 50.128m | 53.069   |
| 22)                         | Mirex           | 6.996 | 8.045 | 30253791 | 38518635 | 43.308  | 50.820   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042120\  
Data File : PD057799.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Apr 2020 12:38  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

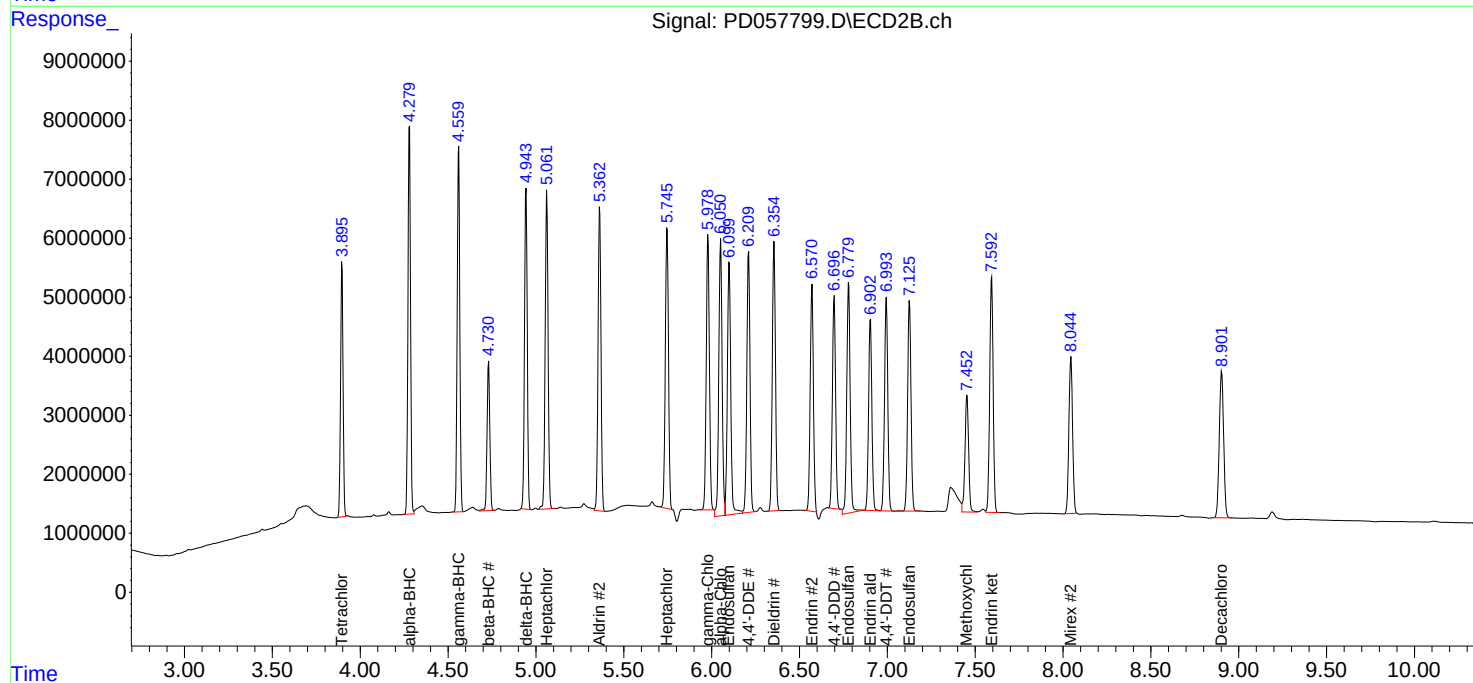
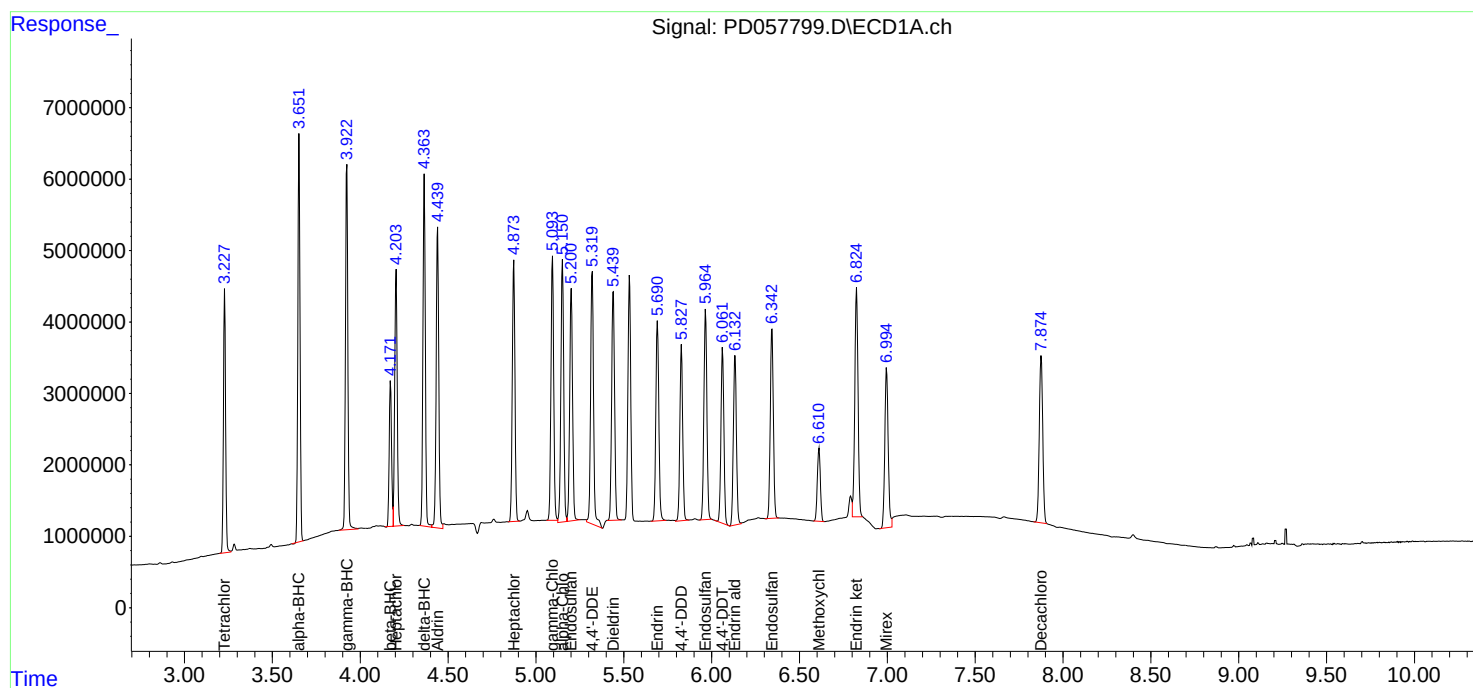
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

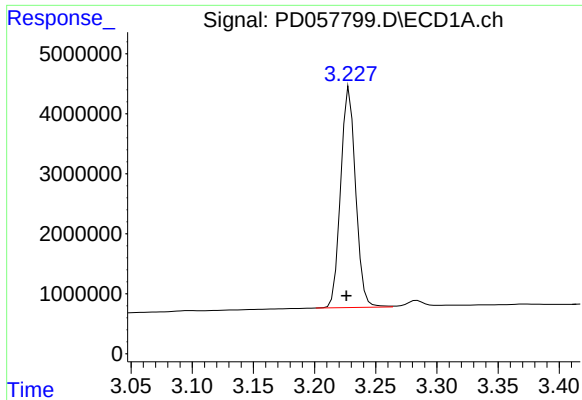
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 06:01:51 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032720.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 27 14:08:11 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





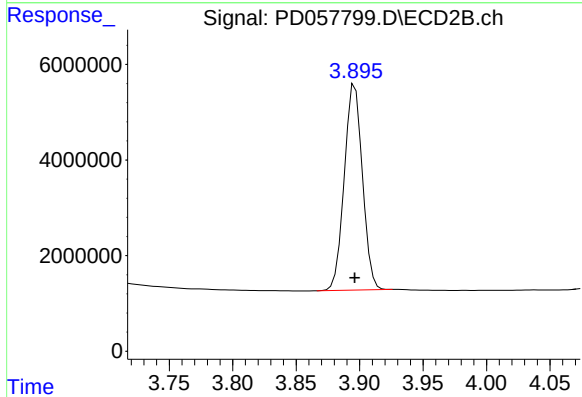
#1 Tetrachloro-m-xylene

R.T.: 3.229 min  
Delta R.T.: 0.003 min  
Response: 31293034  
Conc: 43.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

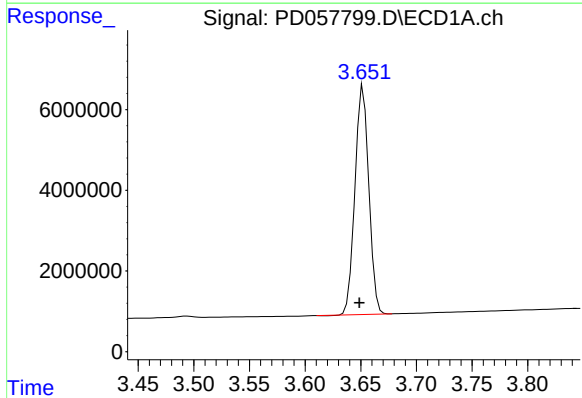
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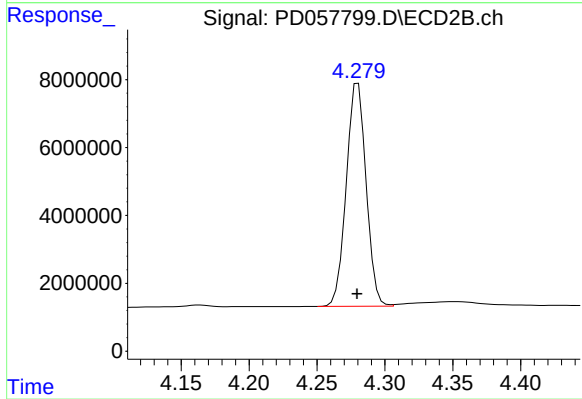
#1 Tetrachloro-m-xylene

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 42830172  
Conc: 54.59 ng/ml



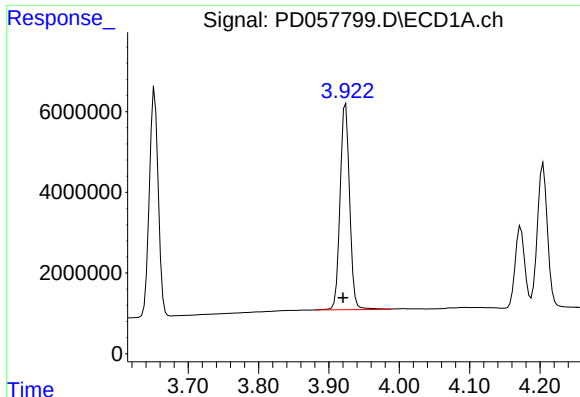
#2 alpha-BHC

R.T.: 3.652 min  
Delta R.T.: 0.004 min  
Response: 49323696  
Conc: 44.95 ng/ml



#2 alpha-BHC

R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 66827538  
Conc: 56.08 ng/ml



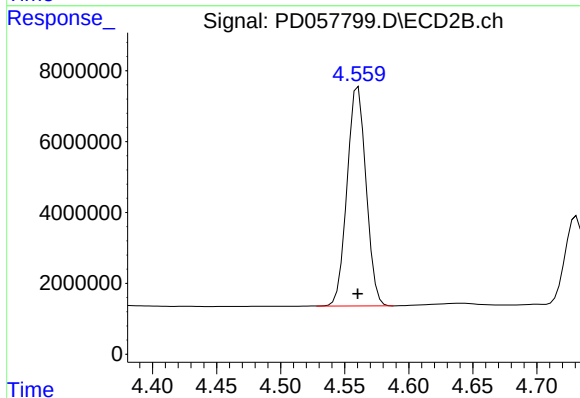
#3 gamma-BHC (Lindane)

R.T.: 3.924 min  
Delta R.T.: 0.004 min  
Response: 48151093  
Conc: 44.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

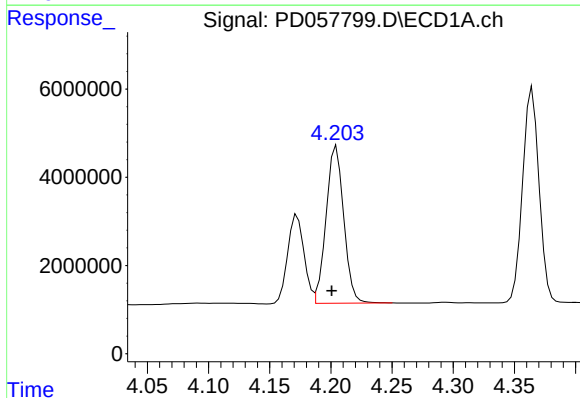
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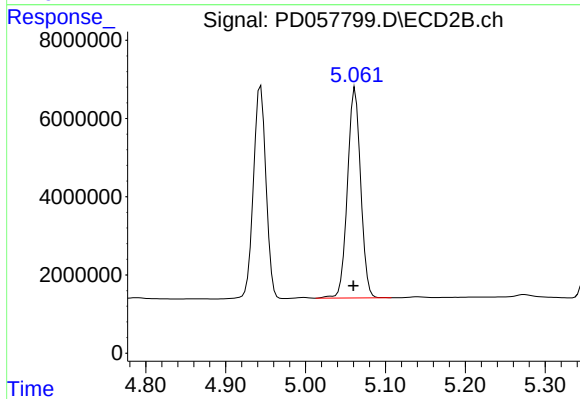
#3 gamma-BHC (Lindane)

R.T.: 4.559 min  
Delta R.T.: 0.000 min  
Response: 63896858  
Conc: 55.34 ng/ml m



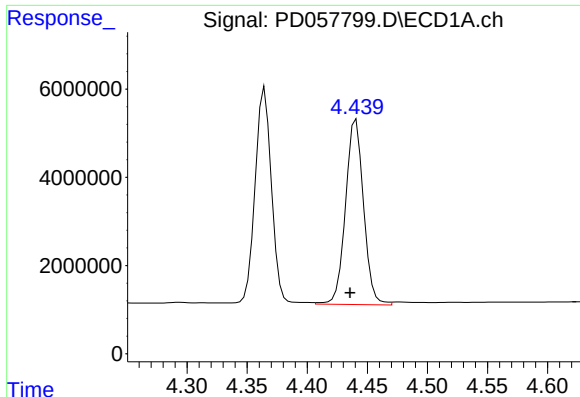
#4 Heptachlor

R.T.: 4.205 min  
Delta R.T.: 0.004 min  
Response: 35805139  
Conc: 45.43 ng/ml



#4 Heptachlor

R.T.: 5.062 min  
Delta R.T.: 0.002 min  
Response: 61778538  
Conc: 54.88 ng/ml



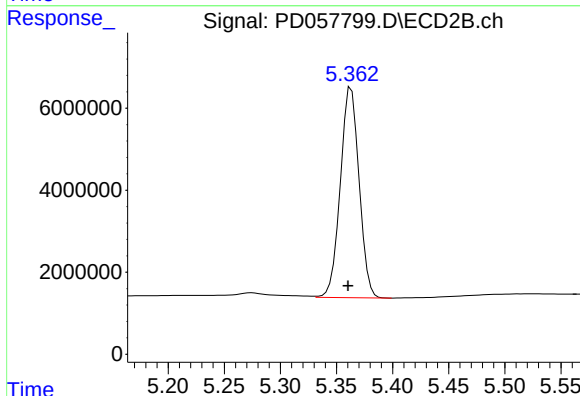
#5 Aldrin

R.T.: 4.441 min  
Delta R.T.: 0.005 min  
Response: 43903230  
Conc: 44.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

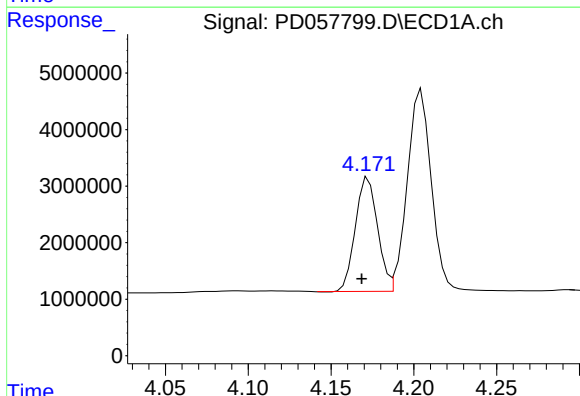
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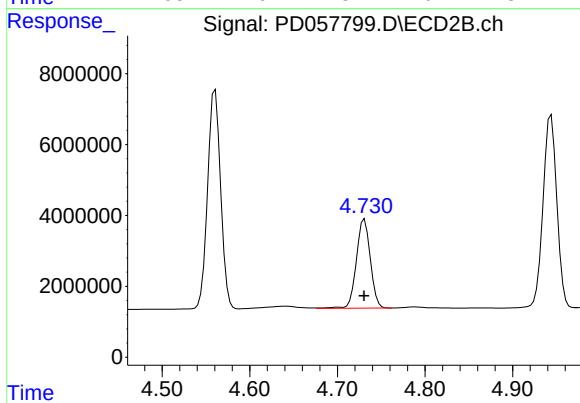
#5 Aldrin

R.T.: 5.363 min  
Delta R.T.: 0.003 min  
Response: 59707707  
Conc: 54.36 ng/ml



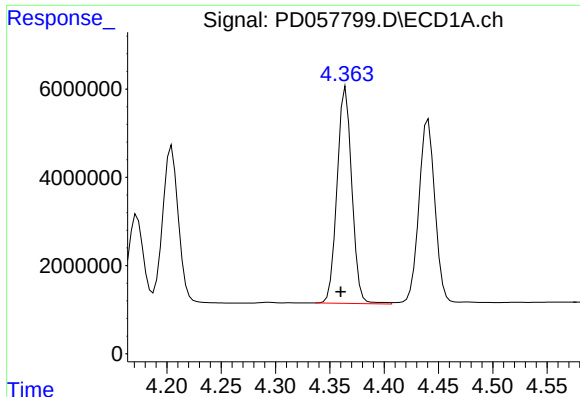
#6 beta-BHC

R.T.: 4.173 min  
Delta R.T.: 0.004 min  
Response: 18822166  
Conc: 44.36 ng/ml



#6 beta-BHC

R.T.: 4.731 min  
Delta R.T.: 0.000 min  
Response: 27837762  
Conc: 55.20 ng/ml



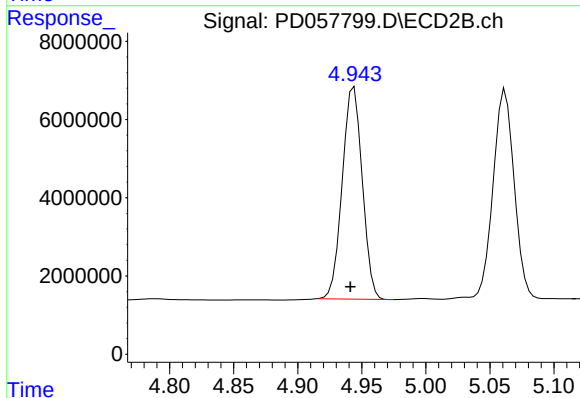
#7 delta-BHC

R.T.: 4.365 min  
Delta R.T.: 0.005 min  
Response: 46321111  
Conc: 44.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

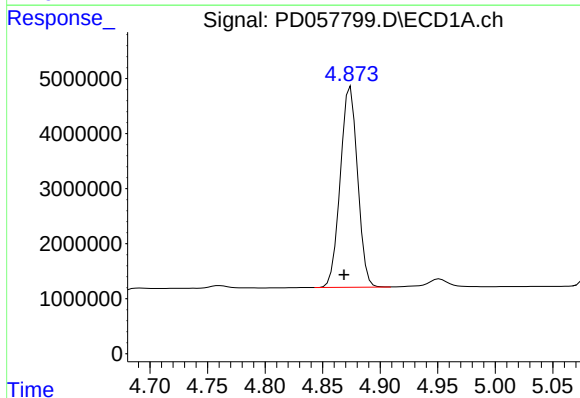
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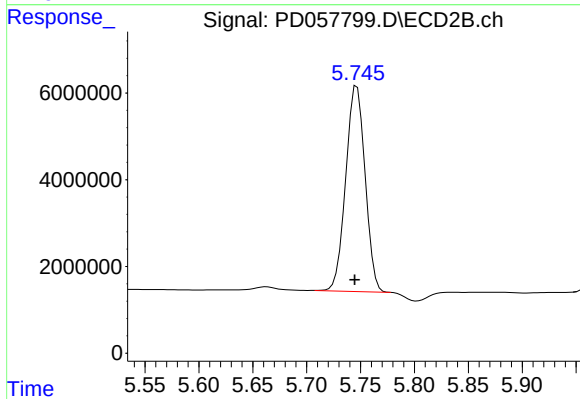
#7 delta-BHC

R.T.: 4.944 min  
Delta R.T.: 0.003 min  
Response: 58919851  
Conc: 66.44 ng/ml



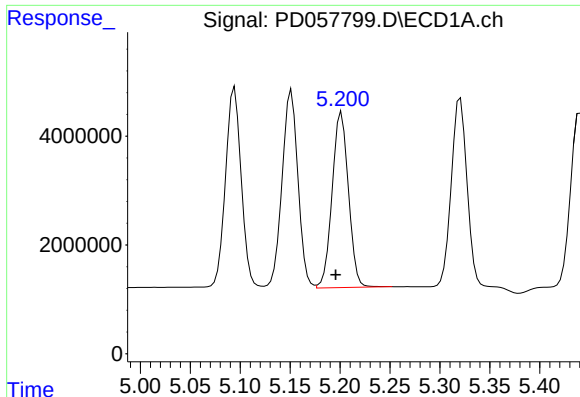
#8 Heptachlor epoxide

R.T.: 4.873 min  
Delta R.T.: 0.004 min  
Response: 38195454  
Conc: 45.05 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.745 min  
Delta R.T.: 0.000 min  
Response: 59480520  
Conc: 59.35 ng/ml m



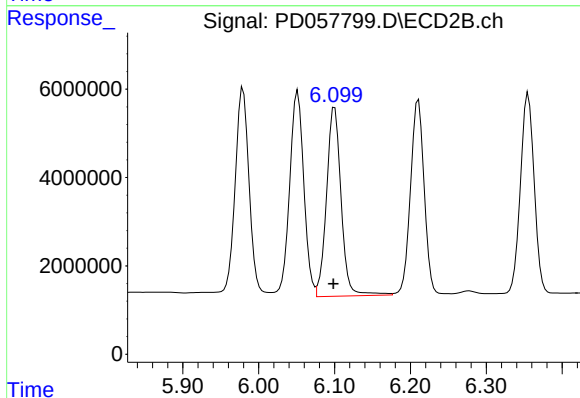
#9 Endosulfan I

R.T.: 5.201 min  
Delta R.T.: 0.006 min  
Response: 36734612  
Conc: 44.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

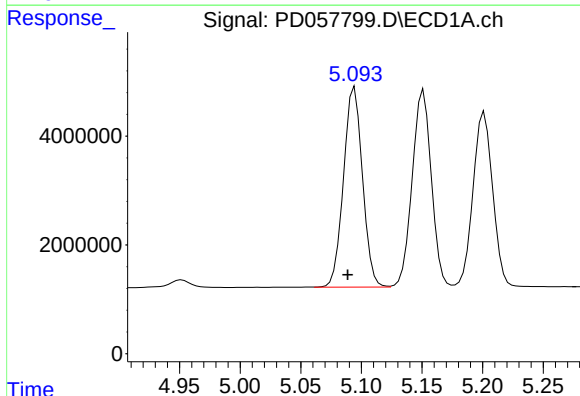
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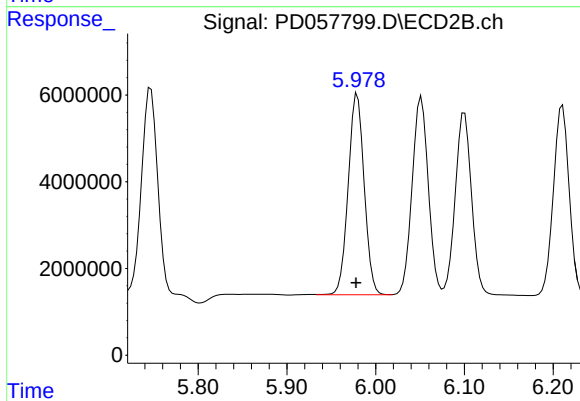
#9 Endosulfan I

R.T.: 6.100 min  
Delta R.T.: 0.002 min  
Response: 57399091  
Conc: 55.11 ng/ml



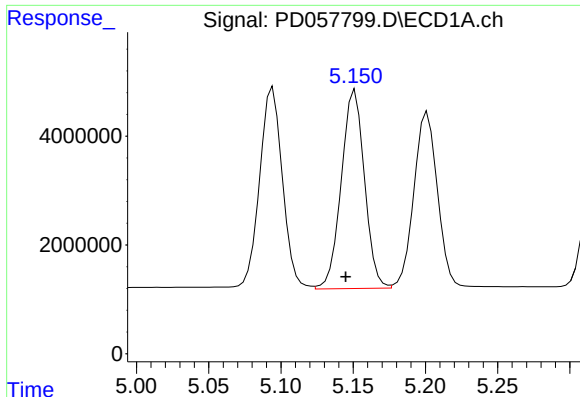
#10 gamma-Chlordane

R.T.: 5.093 min  
Delta R.T.: 0.004 min  
Response: 40091776  
Conc: 43.65 ng/ml m



#10 gamma-Chlordane

R.T.: 5.978 min  
Delta R.T.: 0.000 min  
Response: 57855006  
Conc: 53.05 ng/ml m



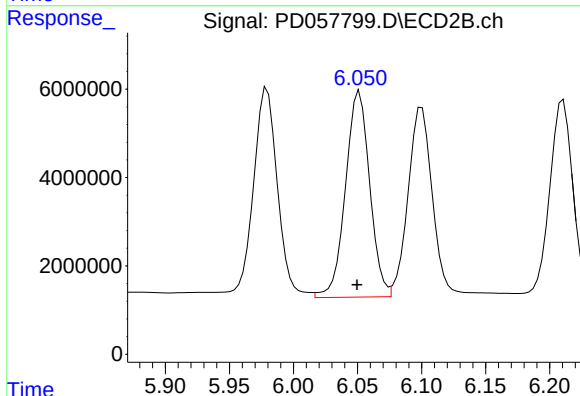
#11 alpha-Chlordane

R.T.: 5.151 min  
Delta R.T.: 0.006 min  
Response: 40677456  
Conc: 44.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

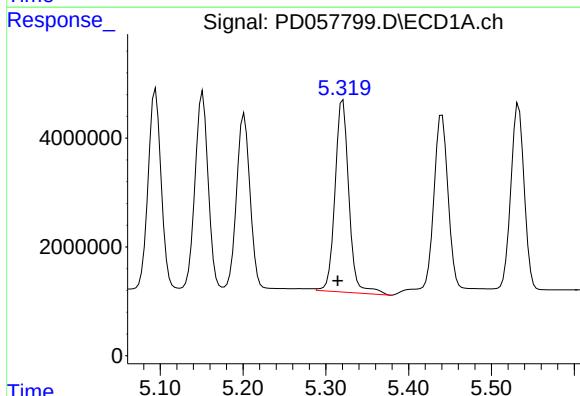
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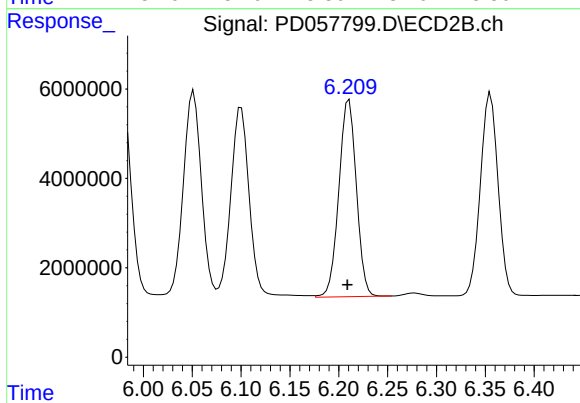
#11 alpha-Chlordane

R.T.: 6.051 min  
Delta R.T.: 0.002 min  
Response: 61372539  
Conc: 55.38 ng/ml



#12 4,4'-DDE

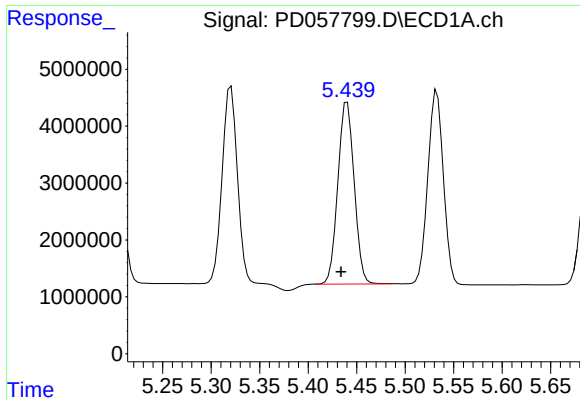
R.T.: 5.321 min  
Delta R.T.: 0.006 min  
Response: 41327003  
Conc: 47.06 ng/ml



#12 4,4'-DDE

R.T.: 6.211 min  
Delta R.T.: 0.002 min  
Response: 55082163  
Conc: 53.62 ng/ml





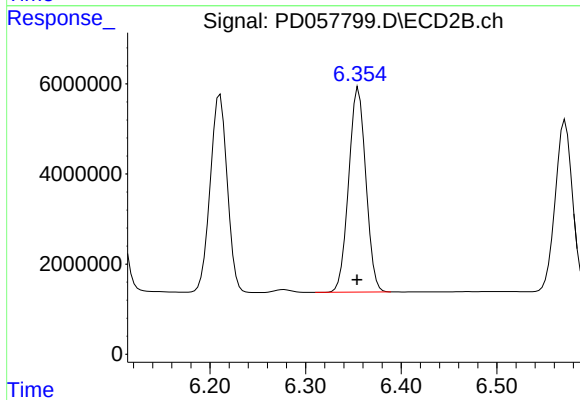
#13 Dieldrin

R.T.: 5.439 min  
Delta R.T.: 0.005 min  
Response: 37457587  
Conc: 47.99 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

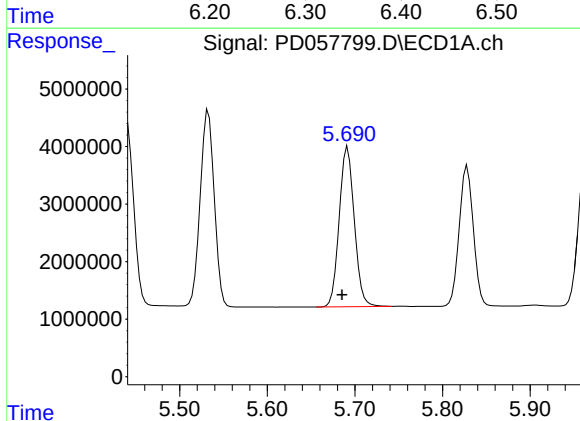
Manual Integrations  
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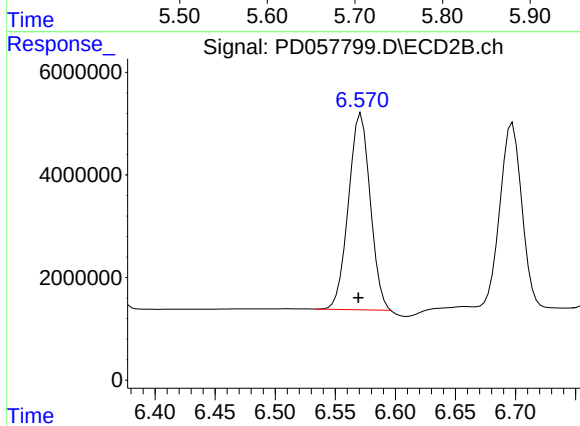
#13 Dieldrin

R.T.: 6.355 min  
Delta R.T.: 0.002 min  
Response: 56834282  
Conc: 53.86 ng/ml



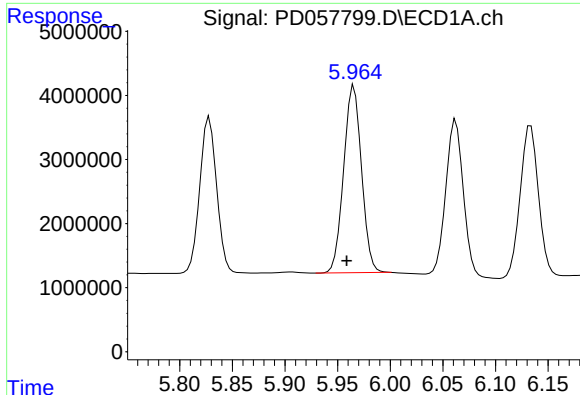
#14 Endrin

R.T.: 5.690 min  
Delta R.T.: 0.005 min  
Response: 33266831  
Conc: 45.77 ng/ml m



#14 Endrin

R.T.: 6.570 min  
Delta R.T.: 0.000 min  
Response: 48310688  
Conc: 52.84 ng/ml m



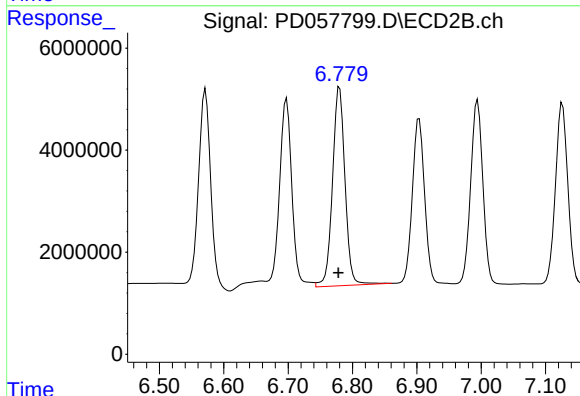
#15 Endosulfan II

R.T.: 5.966 min  
Delta R.T.: 0.007 min  
Response: 34687189  
Conc: 44.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

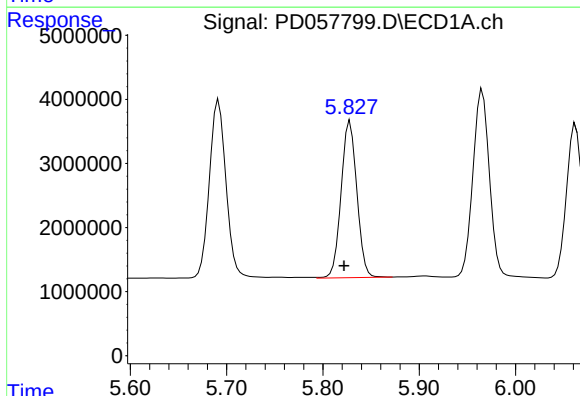
Manual Integrations  
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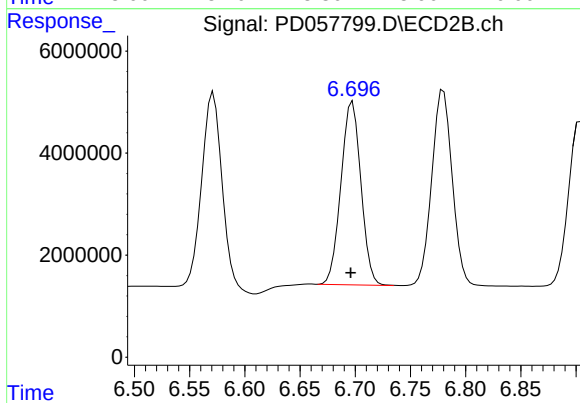
#15 Endosulfan II

R.T.: 6.780 min  
Delta R.T.: 0.002 min  
Response: 52625870  
Conc: 52.05 ng/ml



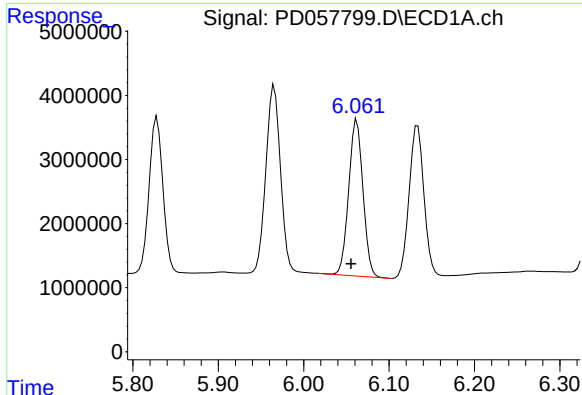
#16 4,4'-DDD

R.T.: 5.828 min  
Delta R.T.: 0.006 min  
Response: 27679912  
Conc: 48.51 ng/ml



#16 4,4'-DDD

R.T.: 6.696 min  
Delta R.T.: 0.000 min  
Response: 45270082  
Conc: 51.32 ng/ml m



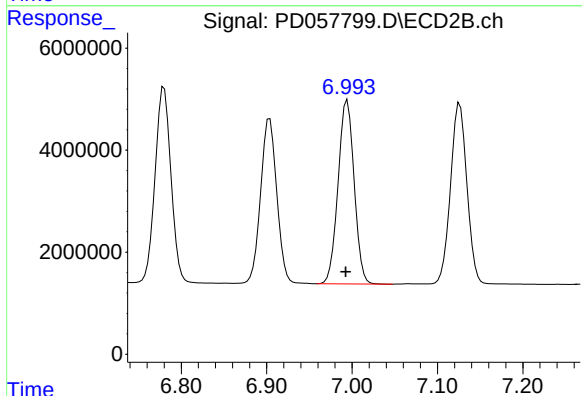
#17 4,4'-DDT

R.T.: 6.062 min  
Delta R.T.: 0.007 min  
Response: 28422888  
Conc: 48.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

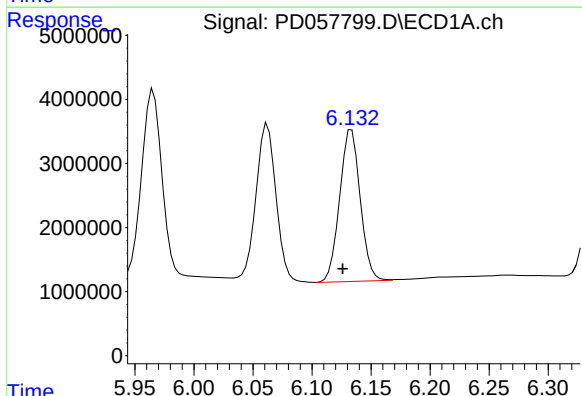
Manual Integrations  
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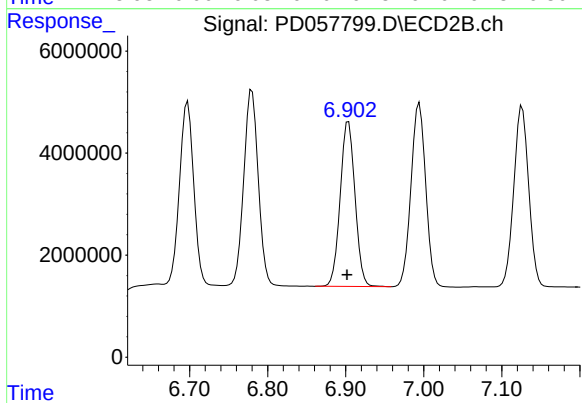
#17 4,4'-DDT

R.T.: 6.994 min  
Delta R.T.: 0.002 min  
Response: 47155212  
Conc: 53.90 ng/ml



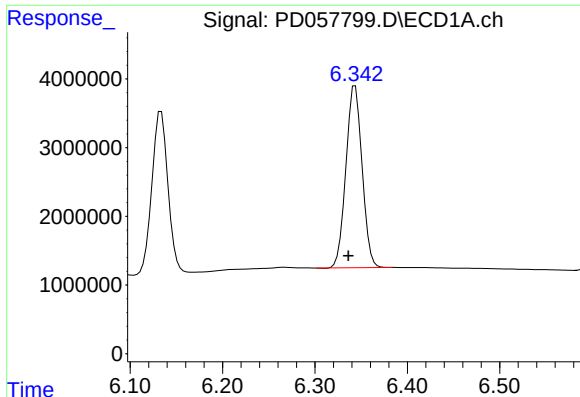
#18 Endrin aldehyde

R.T.: 6.133 min  
Delta R.T.: 0.008 min  
Response: 28730072  
Conc: 46.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.904 min  
Delta R.T.: 0.002 min  
Response: 42594816  
Conc: 51.36 ng/ml



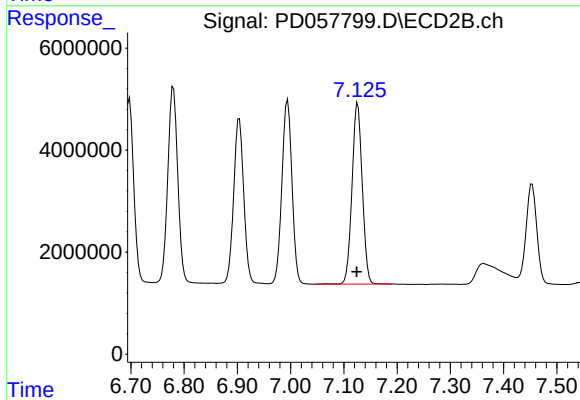
#19 Endosulfan Sulfate

R.T.: 6.344 min  
Delta R.T.: 0.007 min  
Response: 32233356  
Conc: 45.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

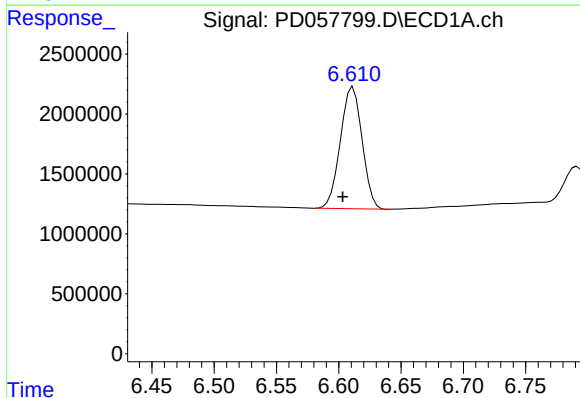
Manual Integrations  
APPROVED

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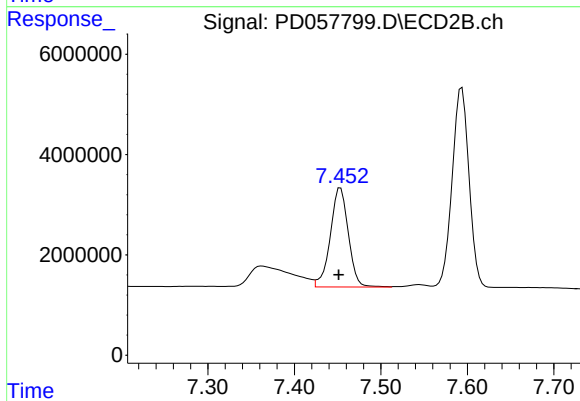
#19 Endosulfan Sulfate

R.T.: 7.126 min  
Delta R.T.: 0.002 min  
Response: 47444065  
Conc: 52.60 ng/ml



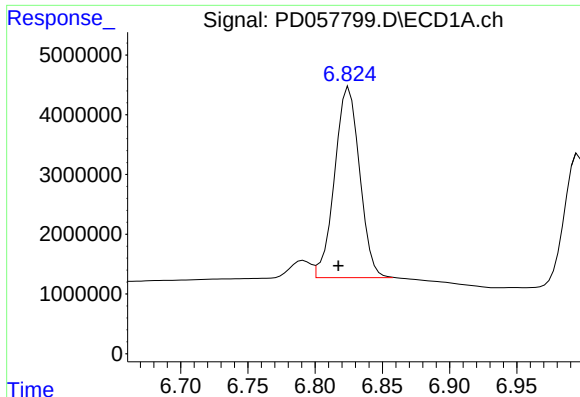
#20 Methoxychlor

R.T.: 6.611 min  
Delta R.T.: 0.008 min  
Response: 12382211  
Conc: 49.27 ng/ml



#20 Methoxychlor

R.T.: 7.453 min  
Delta R.T.: 0.002 min  
Response: 28548995  
Conc: 58.24 ng/ml



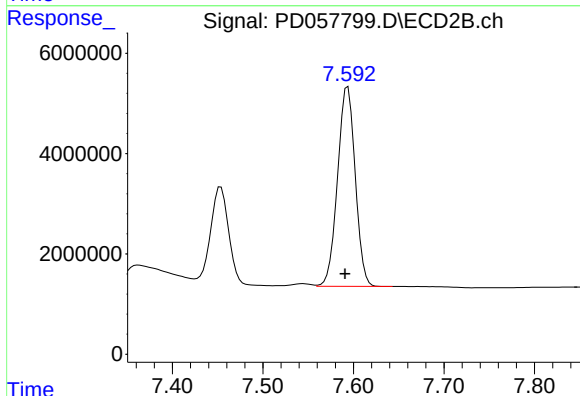
#21 Endrin ketone

R.T.: 6.824 min  
Delta R.T.: 0.006 min  
Response: 40971460  
Conc: 50.13 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

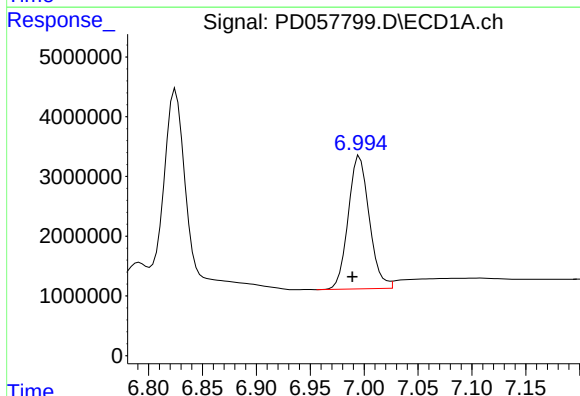
Manual Integrations  
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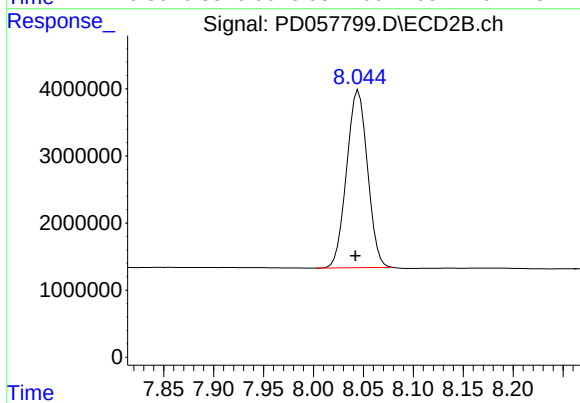
#21 Endrin ketone

R.T.: 7.594 min  
Delta R.T.: 0.003 min  
Response: 54002428  
Conc: 53.07 ng/ml



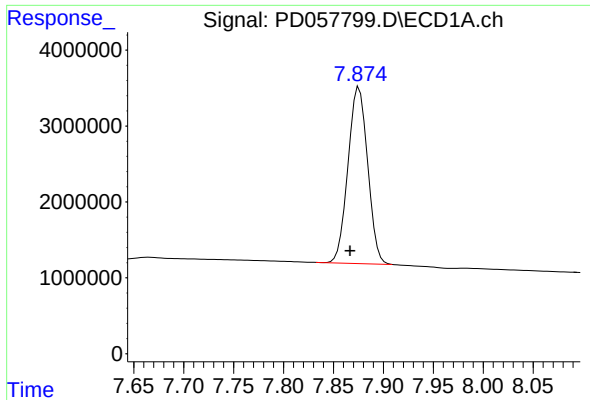
#22 Mirex

R.T.: 6.996 min  
Delta R.T.: 0.007 min  
Response: 30253791  
Conc: 43.31 ng/ml



#22 Mirex

R.T.: 8.045 min  
Delta R.T.: 0.003 min  
Response: 38518635  
Conc: 50.82 ng/ml



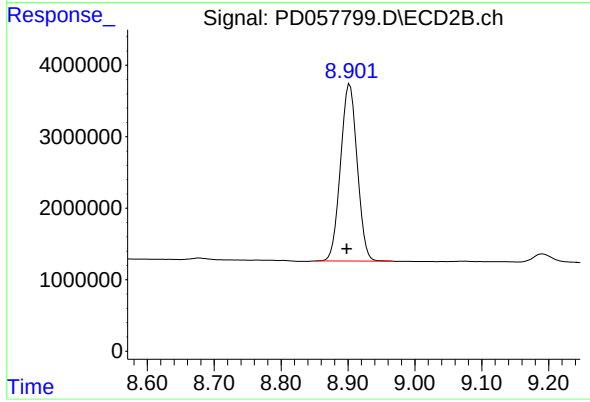
#28 Decachlorobiphenyl

R.T.: 7.876 min  
Delta R.T.: 0.009 min  
Response: 31870367  
Conc: 41.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.901 min  
Delta R.T.: 0.003 min  
Response: 42950401  
Conc: 48.83 ng/ml m