

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040121\  
 Data File : PL065773.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2021 13:41  
 Operator : AR\AJ  
 Sample : PB135462BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB135462BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 02:09:28 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 31 15:57:28 2021  
 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... | 3.278 | 3.782 | 59702676 | 63598471 | 22.918  | 23.169  |
| 28)                         | SA Decachlor... | 7.912 | 8.730 | 54629176 | 46145914 | 23.587  | 20.468  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.702 | 4.167 | 44902416 | 43900175 | 10.979  | 10.805  |
| 3)                          | MA gamma-BHC... | 3.975 | 4.446 | 40799966 | 40417822 | 11.022  | 11.040  |
| 4)                          | MA Heptachlor   | 4.259 | 4.930 | 38191811 | 38676178 | 10.602  | 10.959m |
| 5)                          | MB Aldrin       | 4.496 | 5.227 | 37691549 | 37302511 | 11.040  | 11.298  |
| 6)                          | B beta-BHC      | 4.226 | 4.630 | 16244691 | 21108056 | 10.192  | 12.119  |
| 7)                          | B delta-BHC     | 4.418 | 4.835 | 37274449 | 28991698 | 10.362  | 9.721m  |
| 8)                          | B Heptachlo...  | 4.928 | 5.614 | 34992207 | 37102093 | 11.128  | 11.948  |
| 9)                          | A Endosulfan I  | 5.254 | 5.964 | 33722939 | 29857002 | 11.703  | 10.876  |
| 10)                         | B gamma-Chl...  | 5.147 | 5.844 | 40133150 | 33094545 | 12.753m | 11.030  |
| 11)                         | B alpha-Chl...  | 5.203 | 5.914 | 35550389 | 33219557 | 11.426m | 11.226  |
| 12)                         | B 4,4'-DDE      | 5.371 | 6.079 | 31655031 | 27350079 | 11.473  | 10.469  |
| 13)                         | MA Dieldrin     | 5.491 | 6.220 | 31365633 | 29991355 | 10.736  | 10.642  |
| 14)                         | MA Endrin       | 5.741 | 6.433 | 27775093 | 24564708 | 10.287  | 9.862m  |
| 15)                         | B Endosulfa...  | 6.013 | 6.652 | 31091461 | 28552540 | 12.519  | 12.081  |
| 16)                         | A 4,4'-DDD      | 5.876 | 6.569 | 27141031 | 25041685 | 11.962  | 11.881  |
| 17)                         | MA 4,4'-DDT     | 6.109 | 6.861 | 18781918 | 19229403 | 8.915   | 8.588   |
| 18)                         | B Endrin al...  | 6.180 | 6.776 | 22923803 | 23003050 | 12.115  | 12.123  |
| 19)                         | B Endosulfa...  | 6.390 | 6.997 | 28297926 | 28222589 | 10.967  | 11.634  |
| 20)                         | A Methoxychlor  | 6.654 | 7.326 | 11275489 | 13090216 | 8.982   | 10.336m |
| 21)                         | B Endrin ke...  | 6.867 | 7.462 | 31945283 | 28539371 | 11.649  | 11.104m |
| 22)                         | Mirex           | 7.039 | 7.900 | 20043754 | 18223808 | 9.571   | 9.337m  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040121\  
 Data File : PL065773.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2021 13:41  
 Operator : AR\AJ  
 Sample : PB135462BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

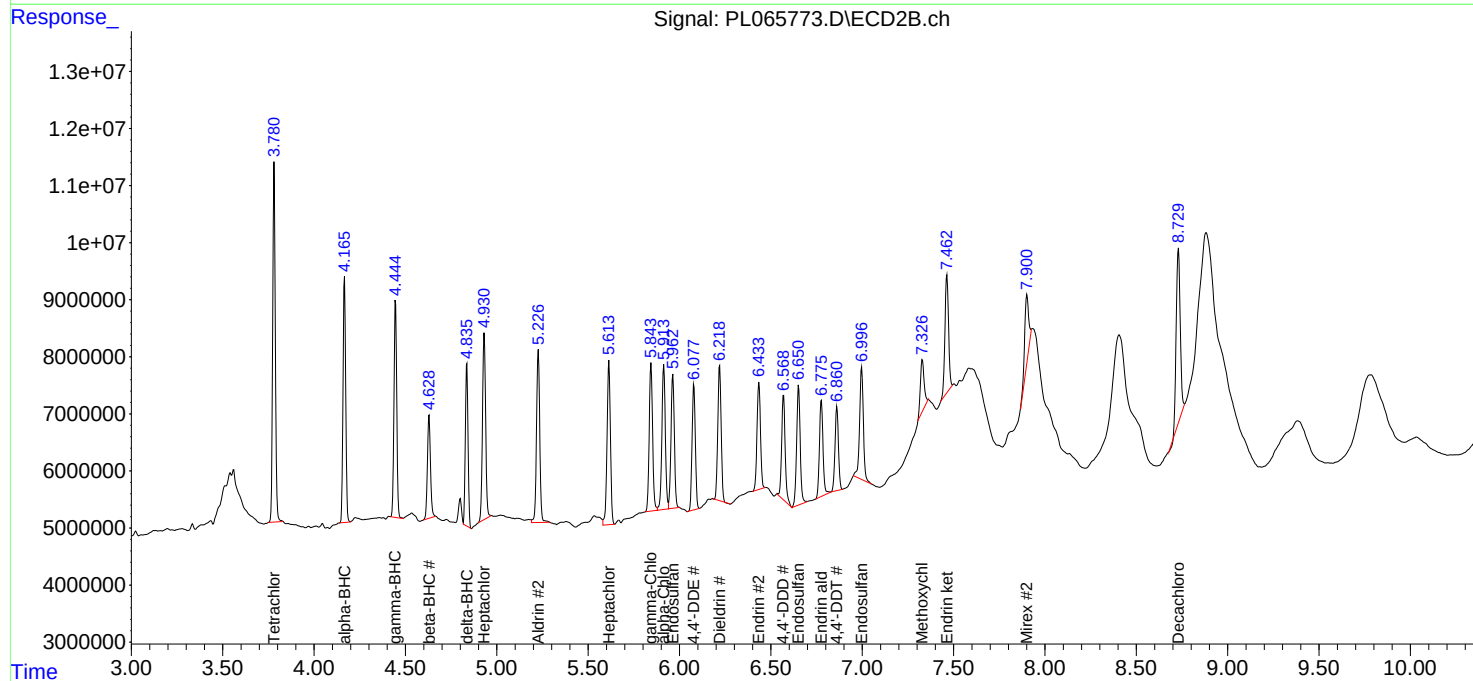
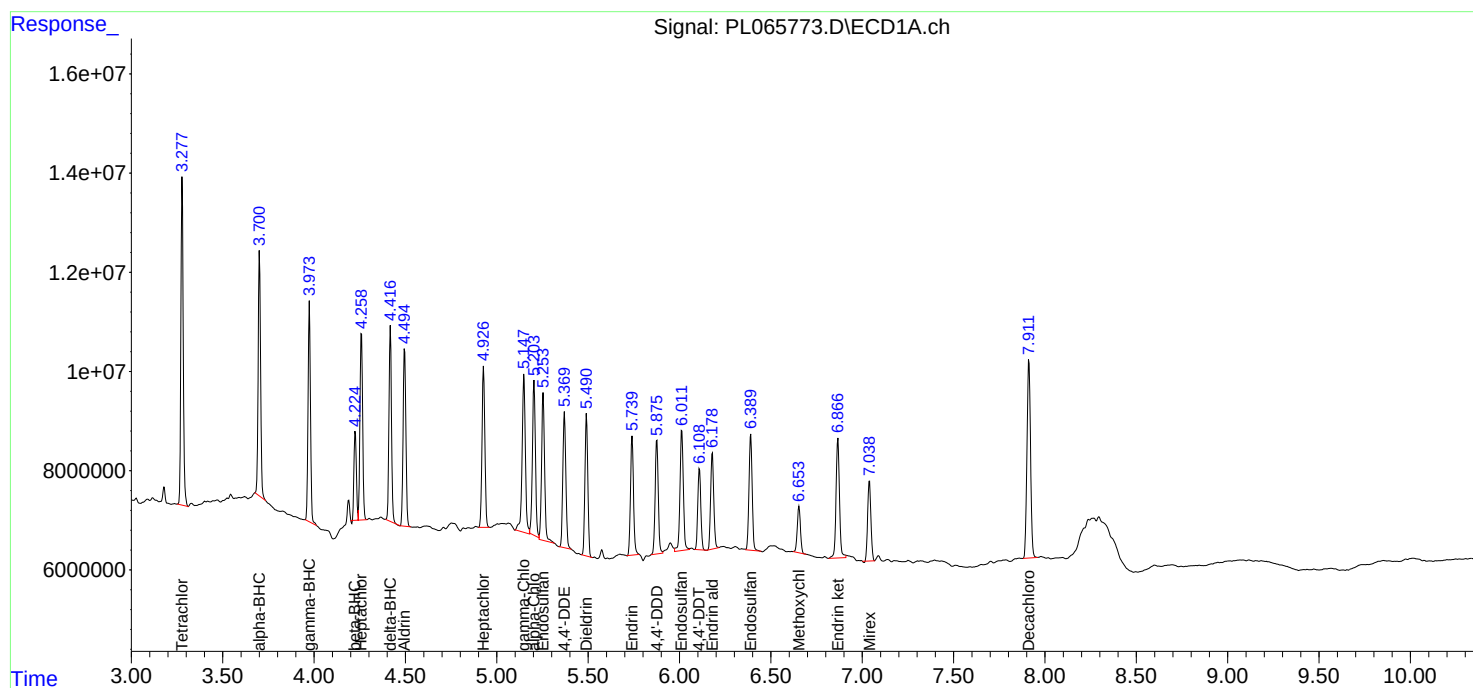
Instrument :  
 ECD\_L  
 ClientSampled :  
 PB135462BS

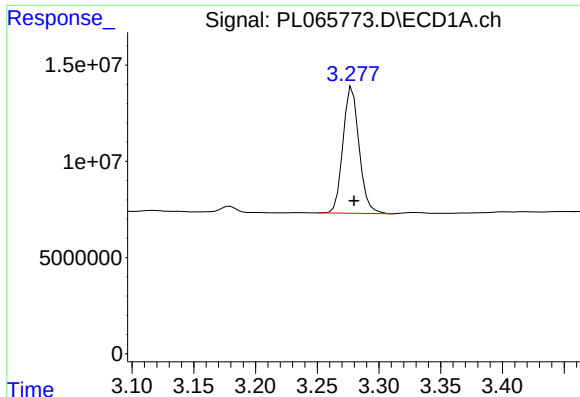
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 02:09:28 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
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Volume Inj. : 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





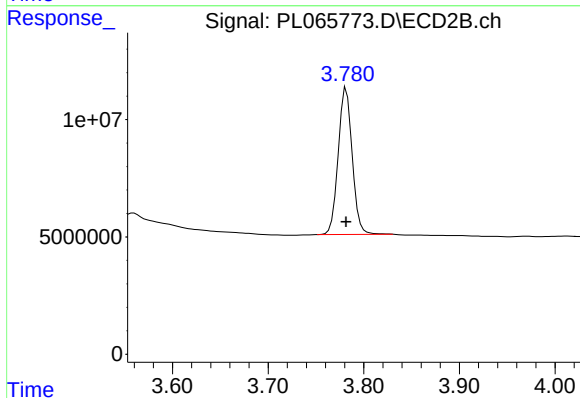
#1 Tetrachloro-m-xylene

R.T.: 3.278 min  
Delta R.T.: -0.002 min  
Response: 59702676  
Conc: 22.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

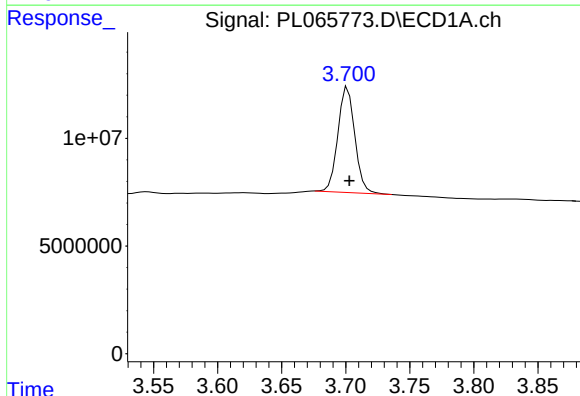
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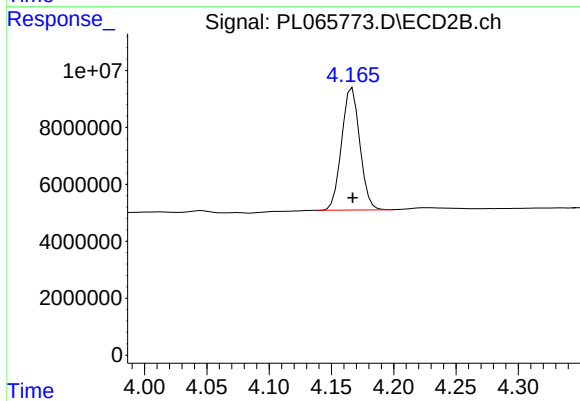
#1 Tetrachloro-m-xylene

R.T.: 3.782 min  
Delta R.T.: 0.000 min  
Response: 63598471  
Conc: 23.17 ng/ml



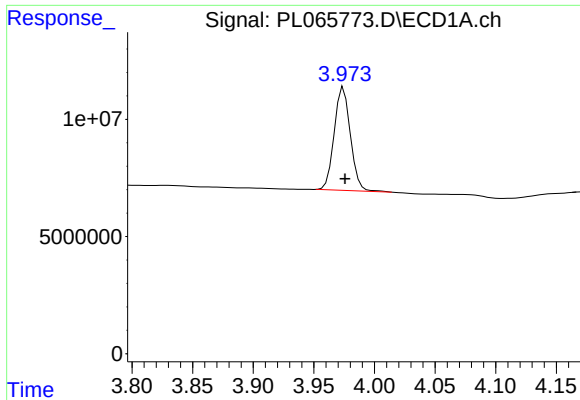
#2 alpha-BHC

R.T.: 3.702 min  
Delta R.T.: -0.001 min  
Response: 44902416  
Conc: 10.98 ng/ml



#2 alpha-BHC

R.T.: 4.167 min  
Delta R.T.: 0.000 min  
Response: 43900175  
Conc: 10.80 ng/ml



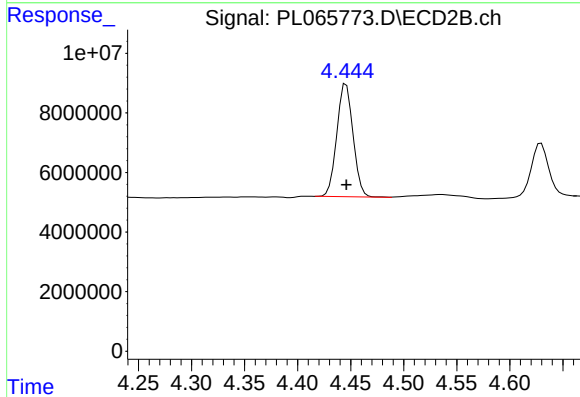
#3 gamma-BHC (Lindane)

R.T.: 3.975 min  
Delta R.T.: -0.001 min  
Response: 40799966  
Conc: 11.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

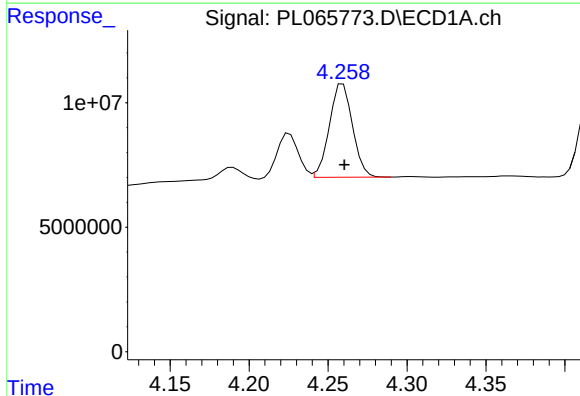
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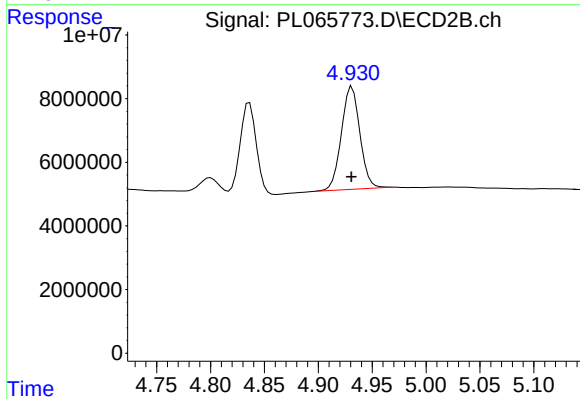
#3 gamma-BHC (Lindane)

R.T.: 4.446 min  
Delta R.T.: 0.000 min  
Response: 40417822  
Conc: 11.04 ng/ml



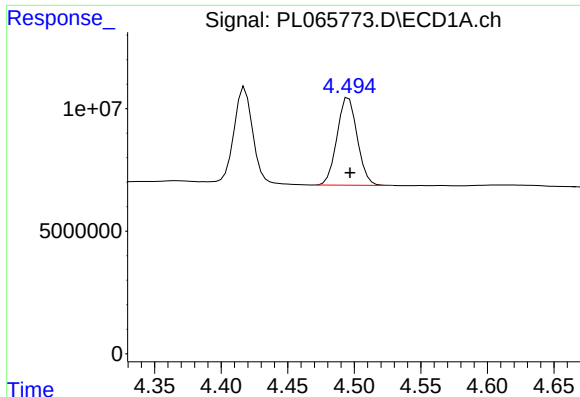
#4 Heptachlor

R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 38191811  
Conc: 10.60 ng/ml



#4 Heptachlor

R.T.: 4.930 min  
Delta R.T.: 0.000 min  
Response: 38676178  
Conc: 10.96 ng/ml m



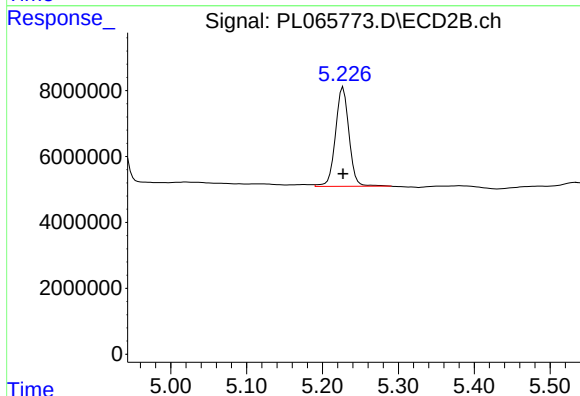
#5 Aldrin

R.T.: 4.496 min  
Delta R.T.: -0.001 min  
Response: 37691549  
Conc: 11.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

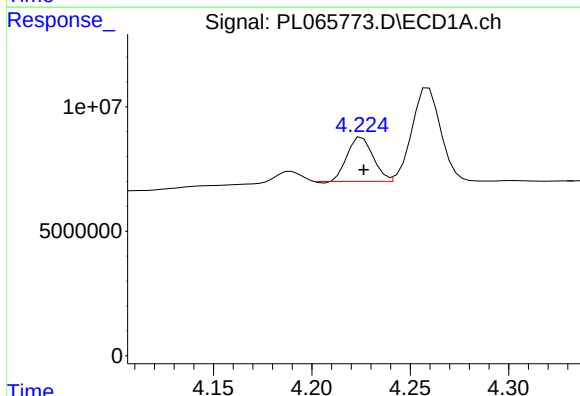
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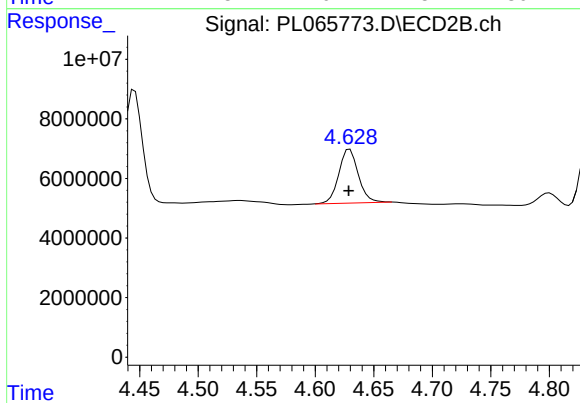
#5 Aldrin

R.T.: 5.227 min  
Delta R.T.: 0.000 min  
Response: 37302511  
Conc: 11.30 ng/ml



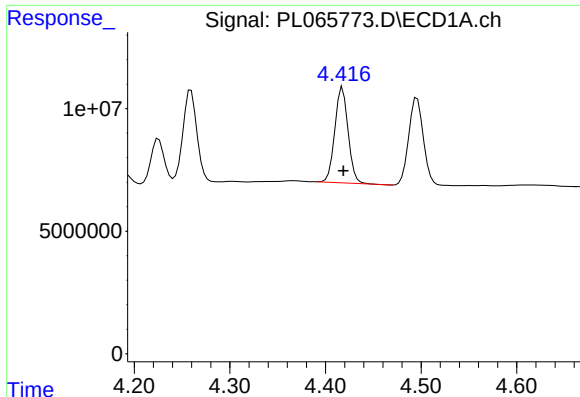
#6 beta-BHC

R.T.: 4.226 min  
Delta R.T.: 0.000 min  
Response: 16244691  
Conc: 10.19 ng/ml



#6 beta-BHC

R.T.: 4.630 min  
Delta R.T.: 0.000 min  
Response: 21108056  
Conc: 12.12 ng/ml



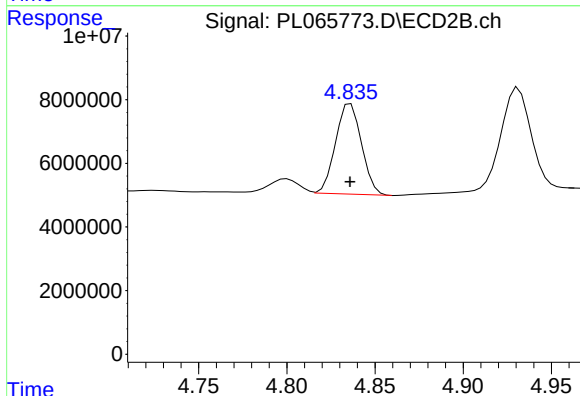
#7 delta-BHC

R.T.: 4.418 min  
Delta R.T.: 0.000 min  
Response: 37274449  
Conc: 10.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

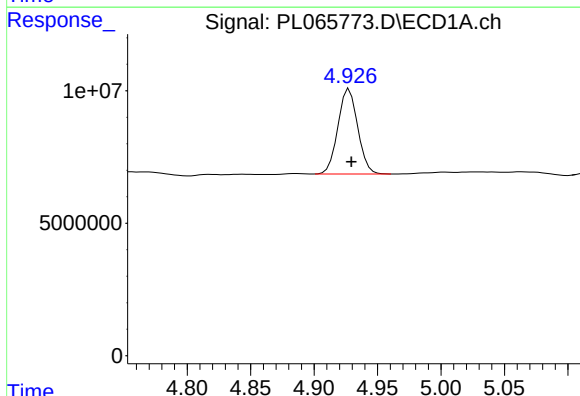
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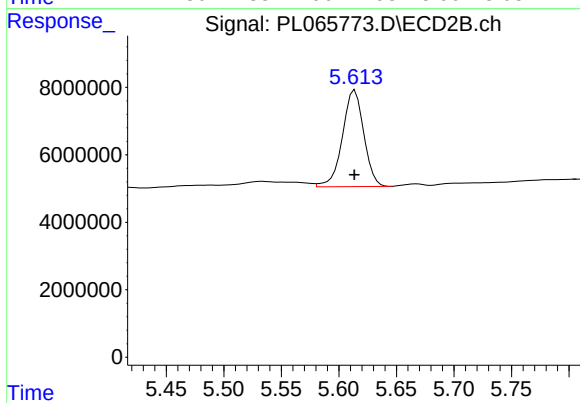
#7 delta-BHC

R.T.: 4.835 min  
Delta R.T.: -0.001 min  
Response: 28991698  
Conc: 9.72 ng/ml m



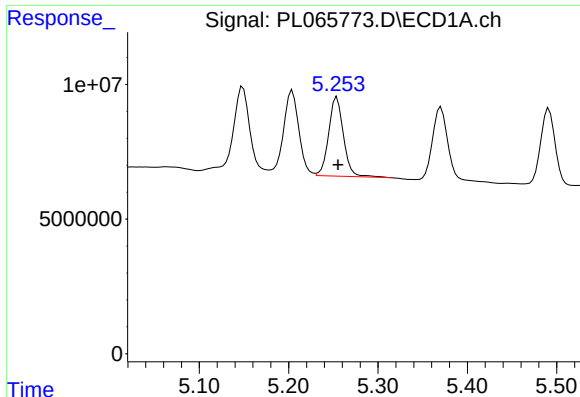
#8 Heptachlor epoxide

R.T.: 4.928 min  
Delta R.T.: -0.002 min  
Response: 34992207  
Conc: 11.13 ng/ml



#8 Heptachlor epoxide

R.T.: 5.614 min  
Delta R.T.: 0.000 min  
Response: 37102093  
Conc: 11.95 ng/ml



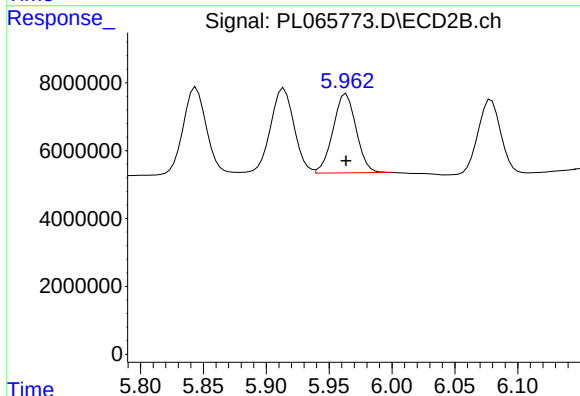
#9 Endosulfan I

R.T.: 5.254 min  
Delta R.T.: -0.001 min  
Response: 33722939  
Conc: 11.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

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#9 Endosulfan I

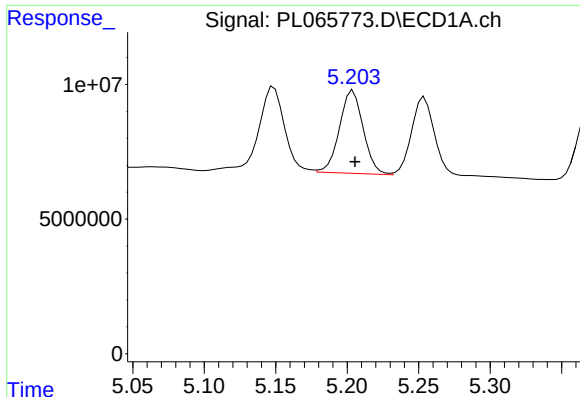
R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 29857002  
Conc: 10.88 ng/ml

#10 gamma-Chlordane

R.T.: 5.147 min  
Delta R.T.: -0.003 min  
Response: 40133150  
Conc: 12.75 ng/ml m

#10 gamma-Chlordane

R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 33094545  
Conc: 11.03 ng/ml



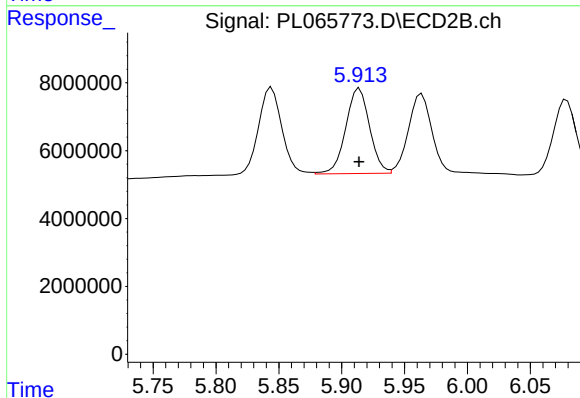
#11 alpha-Chlordane

R.T.: 5.203 min  
Delta R.T.: -0.003 min  
Response: 35550389  
Conc: 11.43 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

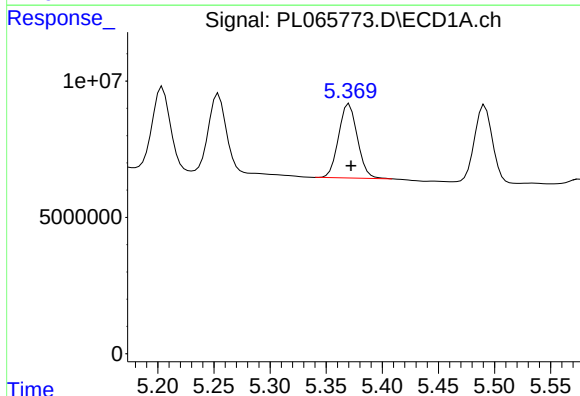
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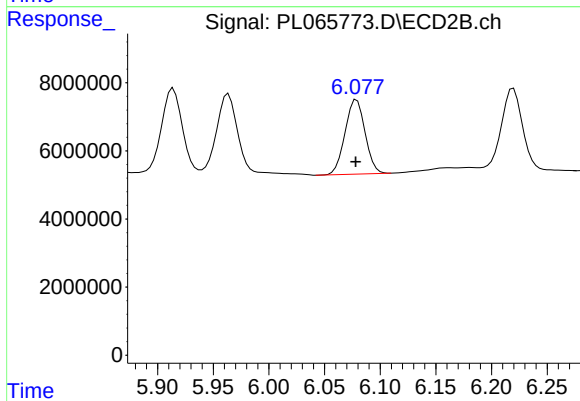
#11 alpha-Chlordane

R.T.: 5.914 min  
Delta R.T.: 0.000 min  
Response: 33219557  
Conc: 11.23 ng/ml



#12 4,4'-DDE

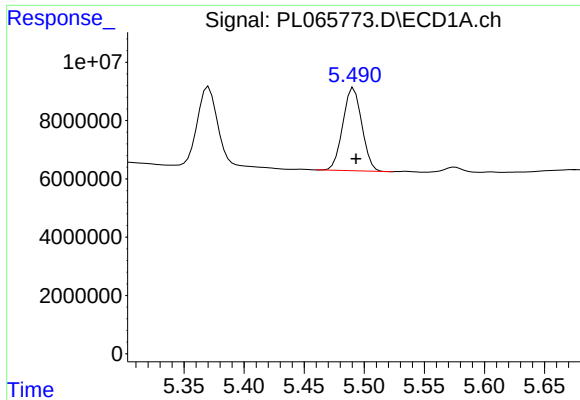
R.T.: 5.371 min  
Delta R.T.: -0.002 min  
Response: 31655031  
Conc: 11.47 ng/ml



#12 4,4'-DDE

R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 27350079  
Conc: 10.47 ng/ml





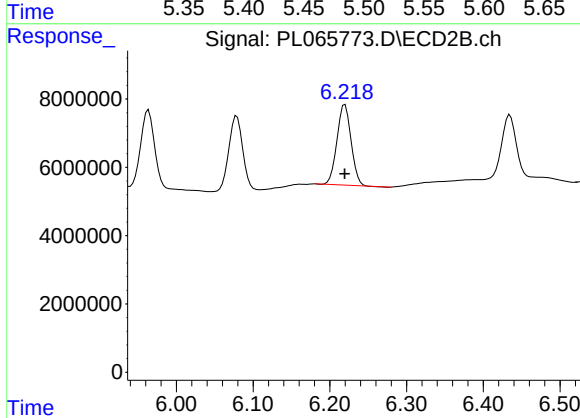
#13 Dieldrin

R.T.: 5.491 min  
Delta R.T.: -0.002 min  
Response: 31365633  
Conc: 10.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

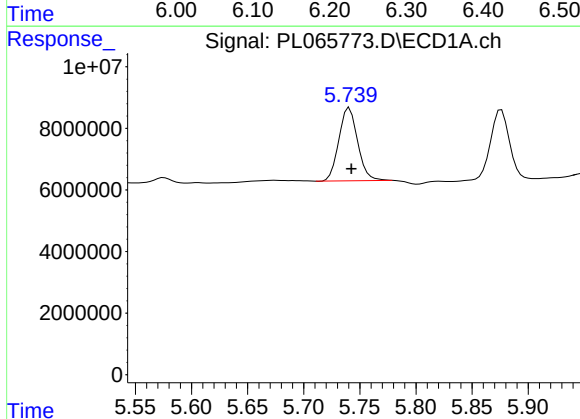
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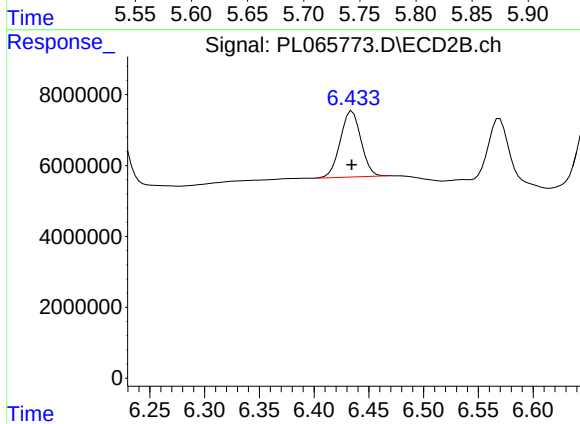
#13 Dieldrin

R.T.: 6.220 min  
Delta R.T.: 0.000 min  
Response: 29991355  
Conc: 10.64 ng/ml



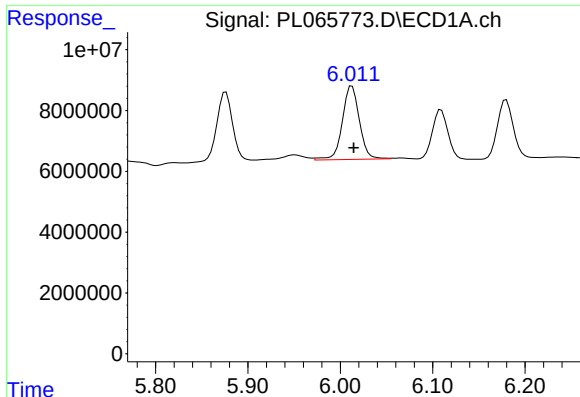
#14 Endrin

R.T.: 5.741 min  
Delta R.T.: -0.002 min  
Response: 27775093  
Conc: 10.29 ng/ml



#14 Endrin

R.T.: 6.433 min  
Delta R.T.: 0.000 min  
Response: 24564708  
Conc: 9.86 ng/ml m



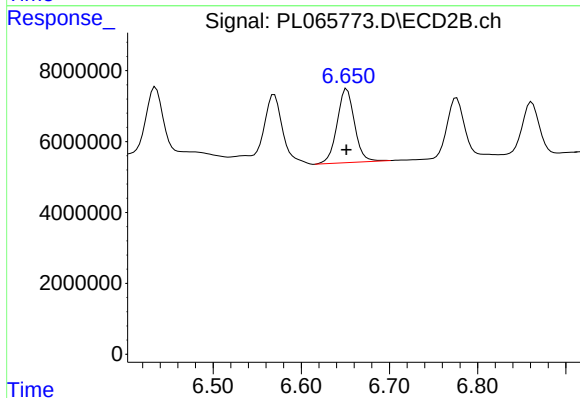
#15 Endosulfan II

R.T.: 6.013 min  
Delta R.T.: -0.002 min  
Response: 31091461  
Conc: 12.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

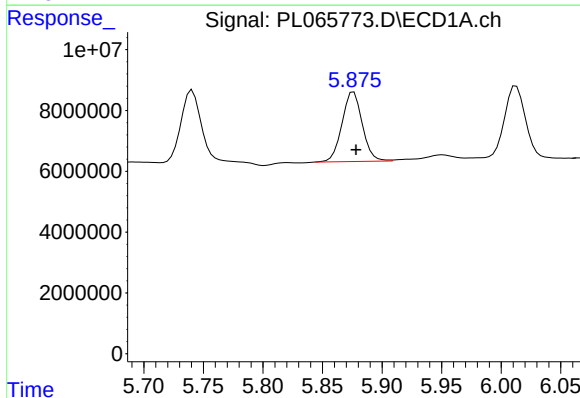
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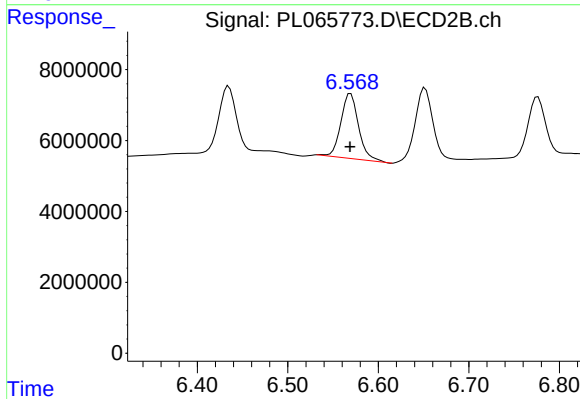
#15 Endosulfan II

R.T.: 6.652 min  
Delta R.T.: 0.000 min  
Response: 28552540  
Conc: 12.08 ng/ml



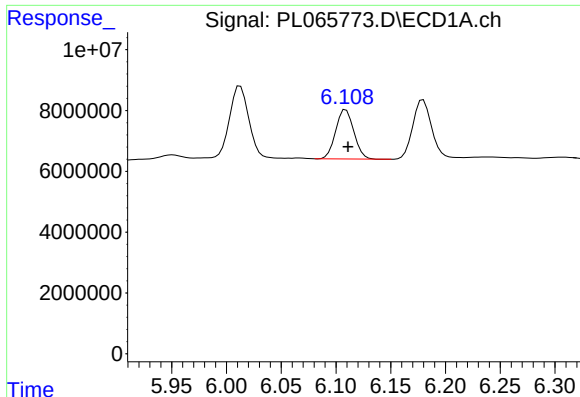
#16 4,4'-DDD

R.T.: 5.876 min  
Delta R.T.: -0.002 min  
Response: 27141031  
Conc: 11.96 ng/ml



#16 4,4'-DDD

R.T.: 6.569 min  
Delta R.T.: 0.000 min  
Response: 25041685  
Conc: 11.88 ng/ml



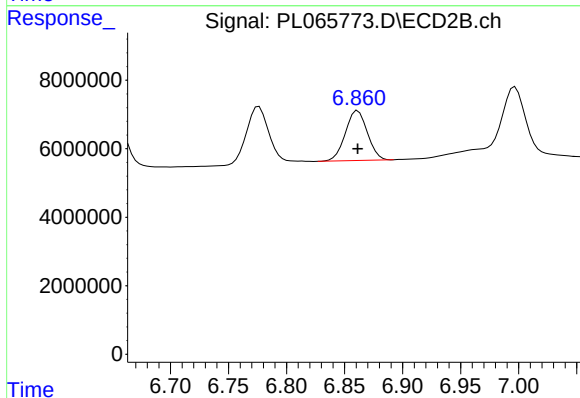
#17 4,4'-DDT

R.T.: 6.109 min  
Delta R.T.: -0.002 min  
Response: 18781918  
Conc: 8.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

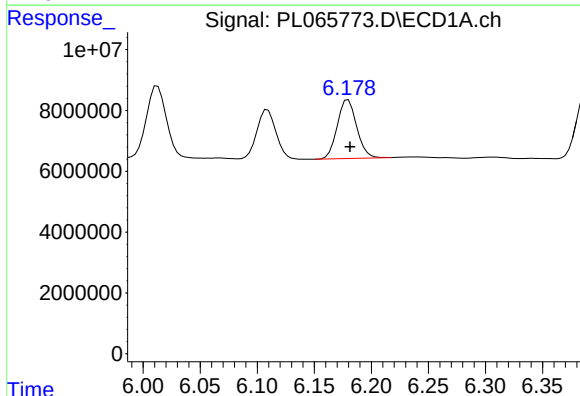
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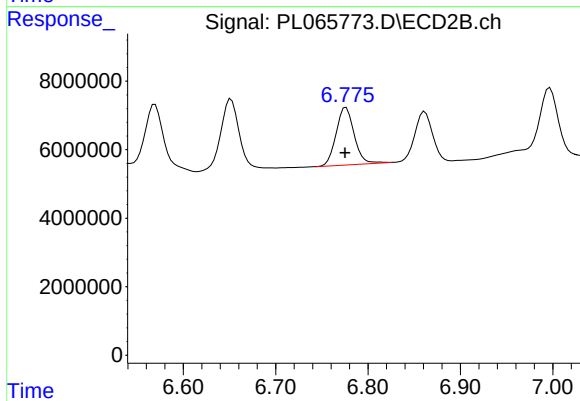
#17 4,4'-DDT

R.T.: 6.861 min  
Delta R.T.: 0.000 min  
Response: 19229403  
Conc: 8.59 ng/ml



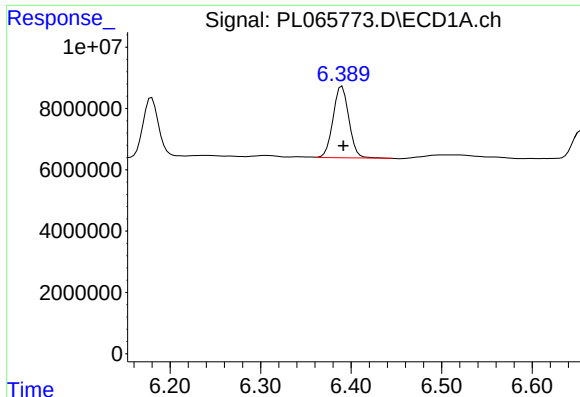
#18 Endrin aldehyde

R.T.: 6.180 min  
Delta R.T.: -0.002 min  
Response: 22923803  
Conc: 12.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.776 min  
Delta R.T.: 0.000 min  
Response: 23003050  
Conc: 12.12 ng/ml



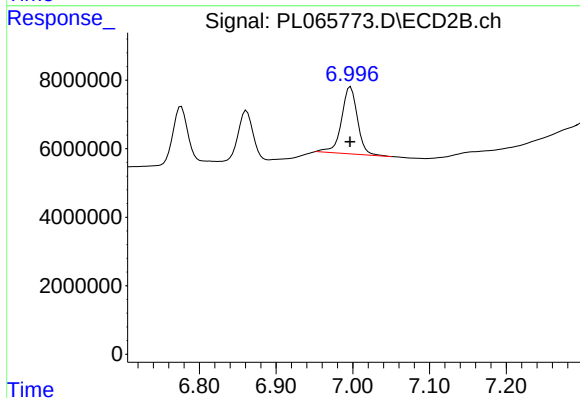
#19 Endosulfan Sulfate

R.T.: 6.390 min  
Delta R.T.: -0.001 min  
Response: 28297926  
Conc: 10.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

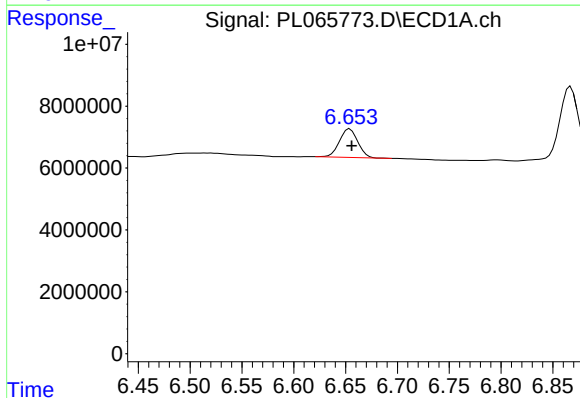
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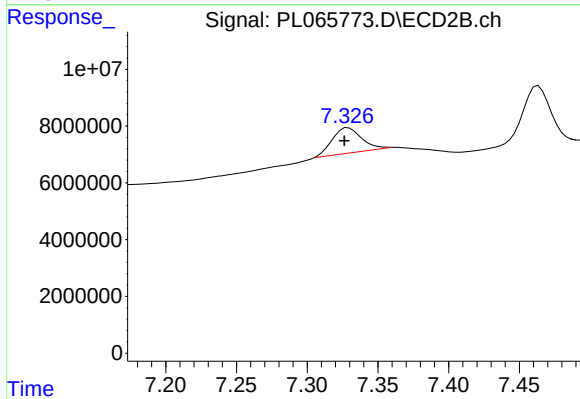
#19 Endosulfan Sulfate

R.T.: 6.997 min  
Delta R.T.: 0.000 min  
Response: 28222589  
Conc: 11.63 ng/ml



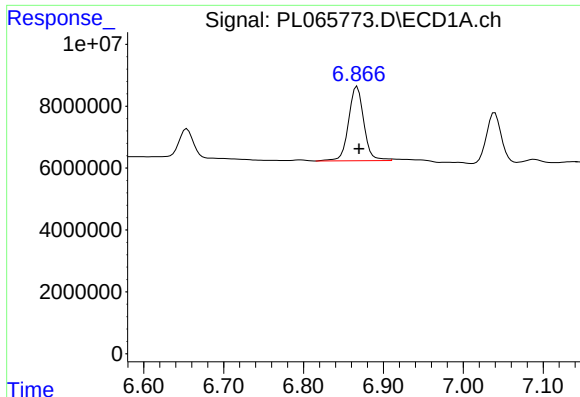
#20 Methoxychlor

R.T.: 6.654 min  
Delta R.T.: -0.002 min  
Response: 11275489  
Conc: 8.98 ng/ml



#20 Methoxychlor

R.T.: 7.326 min  
Delta R.T.: 0.000 min  
Response: 13090216  
Conc: 10.34 ng/ml m



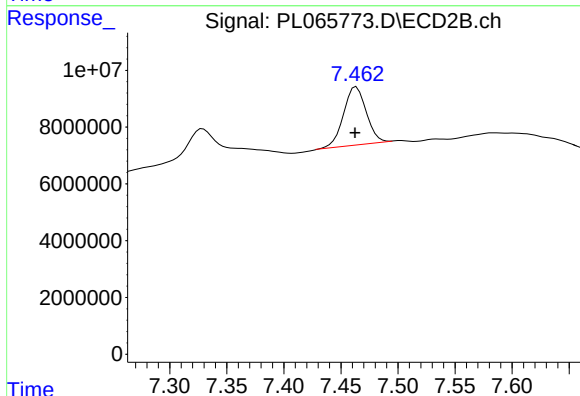
#21 Endrin ketone

R.T.: 6.867 min  
Delta R.T.: -0.002 min  
Response: 31945283  
Conc: 11.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

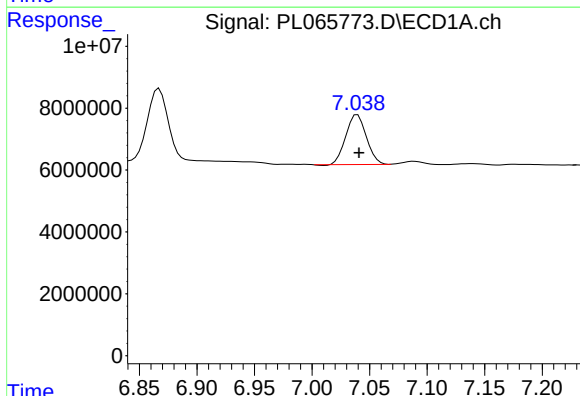
Manual Integrations  
APPROVED

Ankita  
4/2/2021 11:30:54 AM



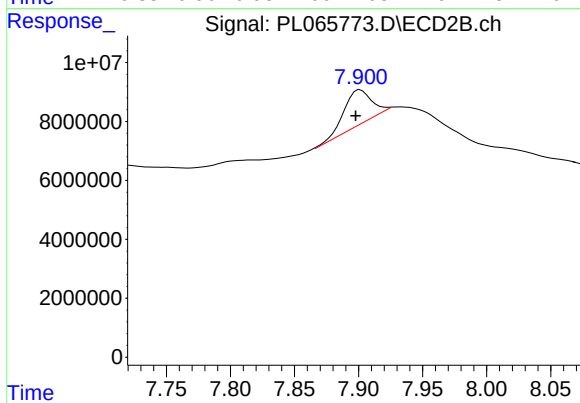
#21 Endrin ketone

R.T.: 7.462 min  
Delta R.T.: 0.000 min  
Response: 28539371  
Conc: 11.10 ng/ml m



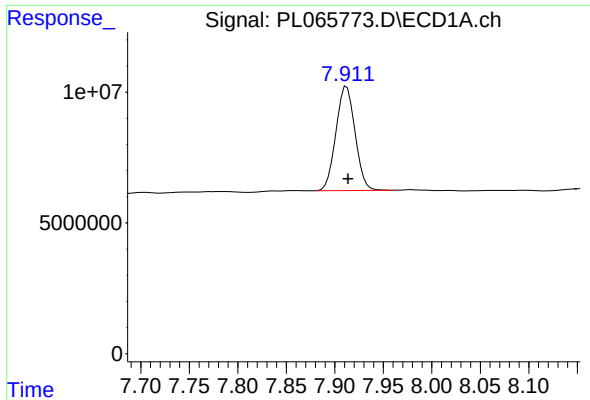
#22 Mirex

R.T.: 7.039 min  
Delta R.T.: -0.001 min  
Response: 20043754  
Conc: 9.57 ng/ml



#22 Mirex

R.T.: 7.900 min  
Delta R.T.: 0.002 min  
Response: 18223808  
Conc: 9.34 ng/ml m



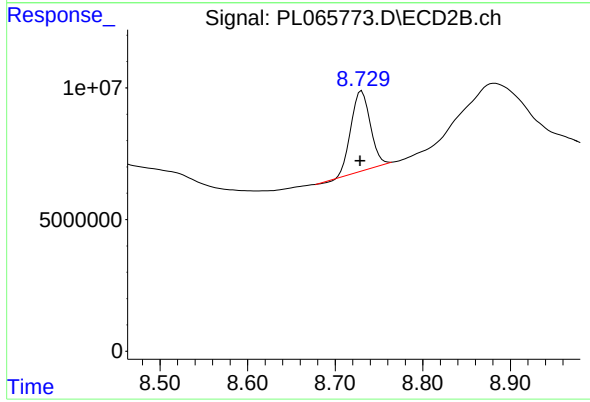
#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: -0.001 min  
Response: 54629176  
Conc: 23.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BS

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#28 Decachlorobiphenyl

R.T.: 8.730 min  
Delta R.T.: 0.002 min  
Response: 46145914  
Conc: 20.47 ng/ml