

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
 Data File : PL065042.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2021 17:30  
 Operator : AR\AJ  
 Sample : M1537-01MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BU-01-030221MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 01:18:49 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 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... | 3.423 | 4.098 | 64482238 | 56169410 | 22.919 | 26.002   |
| 28)                         | SA Decachlor... | 8.143 | 9.256 | 43566111 | 35605790 | 19.373 | 18.746   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.856 | 4.501 | 232.7E6  | 176.0E6  | 50.184 | 58.101   |
| 3)                          | MA gamma-BHC... | 4.136 | 4.793 | 213.8E6  | 166.4E6  | 49.440 | 58.589   |
| 4)                          | MA Heptachlor   | 4.432 | 5.304 | 192.4E6  | 155.4E6  | 46.920 | 52.464   |
| 5)                          | MB Aldrin       | 4.677 | 5.614 | 180.8E6  | 136.3E6  | 48.552 | 55.599   |
| 6)                          | B beta-BHC      | 4.388 | 4.972 | 96869771 | 70030647 | 56.676 | 53.776   |
| 7)                          | B delta-BHC     | 4.588 | 5.193 | 211.8E6  | 162.3E6  | 52.385 | 60.068   |
| 8)                          | B Heptachlo...  | 5.118 | 6.008 | 172.3E6  | 119.9E6  | 49.614 | 54.337   |
| 9)                          | A Endosulfan I  | 5.454 | 6.371 | 140.3E6  | 118.4E6  | 43.763 | 56.431 # |
| 10)                         | B gamma-Chl...  | 5.344 | 6.245 | 173.9E6  | 123.8E6  | 49.593 | 53.571   |
| 11)                         | B alpha-Chl...  | 5.401 | 6.317 | 168.3E6  | 132.1E6  | 48.591 | 57.382   |
| 12)                         | B 4,4'-DDE      | 5.567 | 6.474 | 183.3E6  | 133.5E6  | 58.586 | 65.822   |
| 13)                         | MA Dieldrin     | 5.695 | 6.631 | 166.7E6  | 113.4E6  | 50.832 | 53.025   |
| 14)                         | MA Endrin       | 5.950 | 6.854 | 147.7E6  | 89098951 | 49.181 | 49.286   |
| 15)                         | B Endosulfa...  | 6.223 | 7.069 | 138.6E6  | 94644135 | 48.120 | 50.227   |
| 16)                         | A 4,4'-DDD      | 6.081 | 6.973 | 133.5E6  | 93576732 | 52.717 | 53.978   |
| 17)                         | MA 4,4'-DDT     | 6.319 | 7.273 | 118.4E6  | 89734093 | 52.491 | 58.855   |
| 18)                         | B Endrin al...  | 6.391 | 7.193 | 114.8E6  | 82084521 | 47.075 | 50.409m  |
| 19)                         | B Endosulfa...  | 6.603 | 7.418 | 131.2E6  | 88865422 | 46.270 | 49.380   |
| 20)                         | A Methoxychlor  | 6.866 | 7.734 | 54781856 | 44100543 | 42.308 | 48.786   |
| 21)                         | B Endrin ke...  | 7.089 | 7.897 | 129.1E6  | 91898506 | 45.001 | 48.072   |
| 22)                         | Mirex           | 7.271 | 8.347 | 106.5E6  | 69839499 | 50.422 | 50.243   |
| -----                       |                 |       |       |          |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
Data File : PL065042.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2021 17:30  
Operator : AR\AJ  
Sample : M1537-01MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

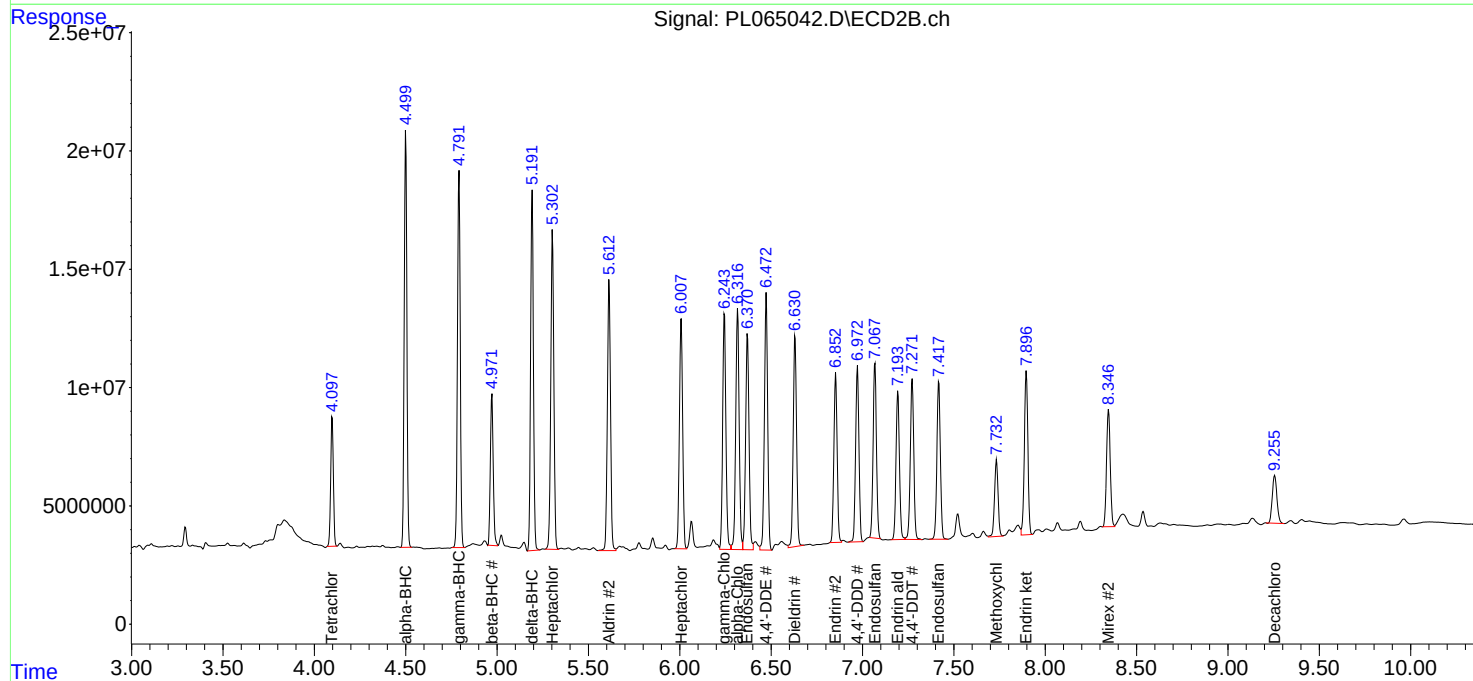
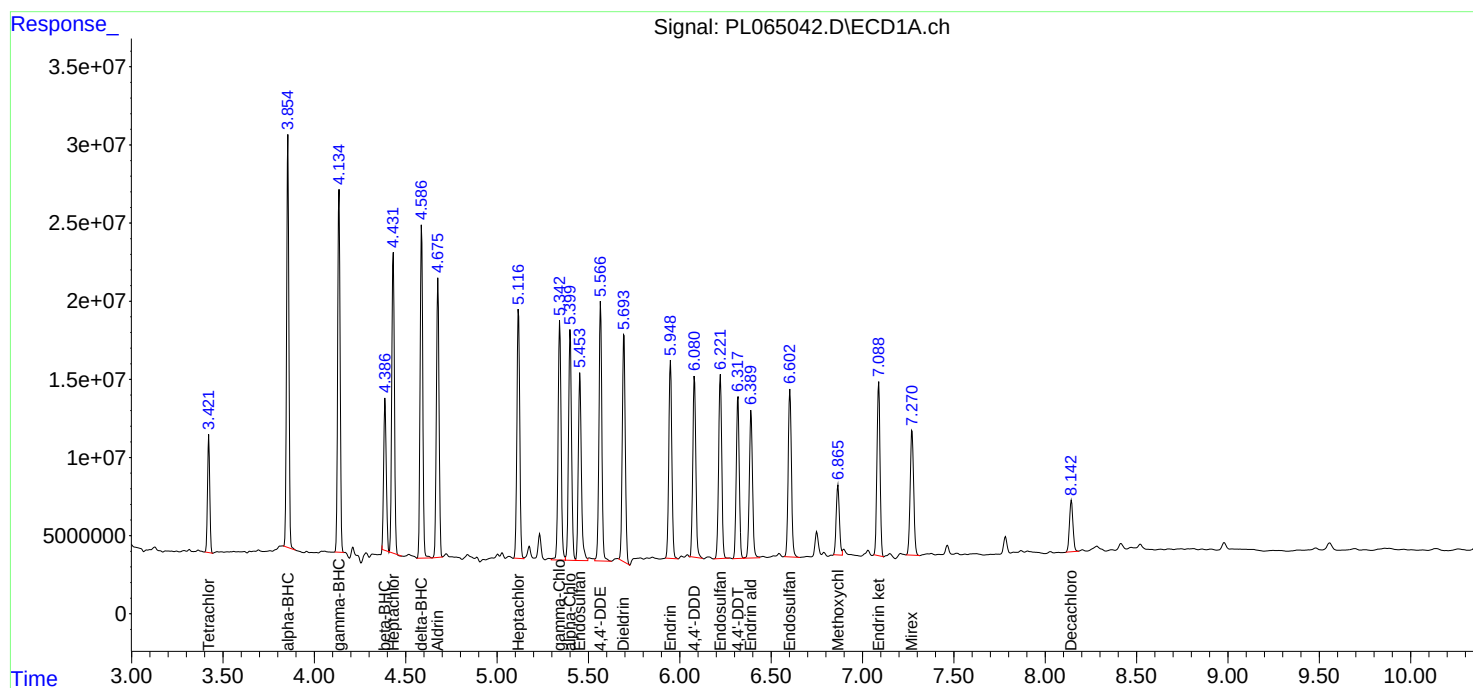
Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

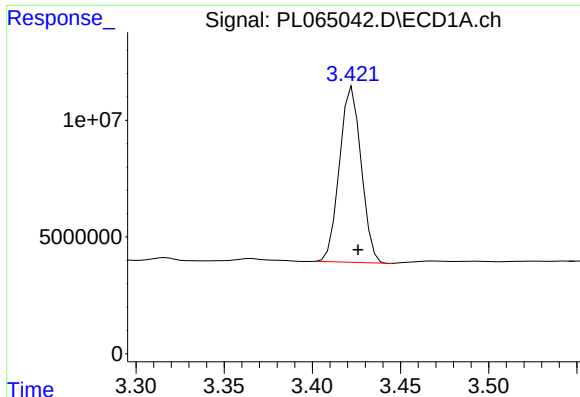
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 01:18:49 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 2021  
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





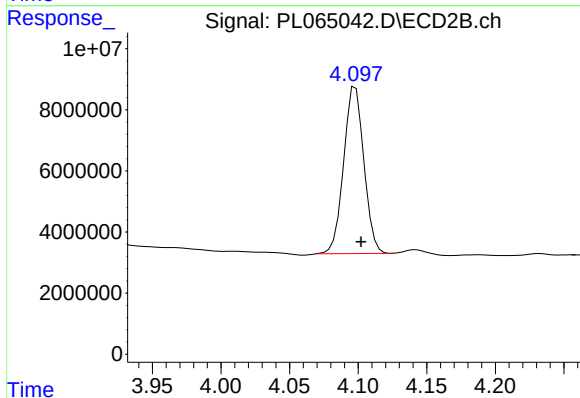
#1 Tetrachloro-m-xylene

R.T.: 3.423 min  
Delta R.T.: -0.003 min  
Response: 64482238  
Conc: 22.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

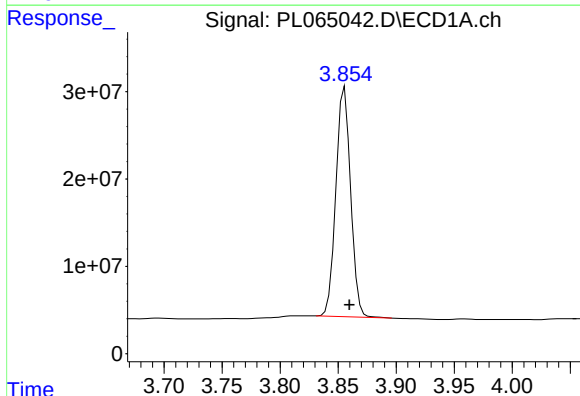
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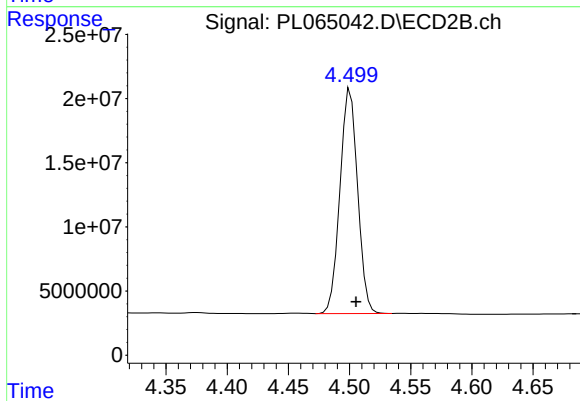
#1 Tetrachloro-m-xylene

R.T.: 4.098 min  
Delta R.T.: -0.004 min  
Response: 56169410  
Conc: 26.00 ng/ml



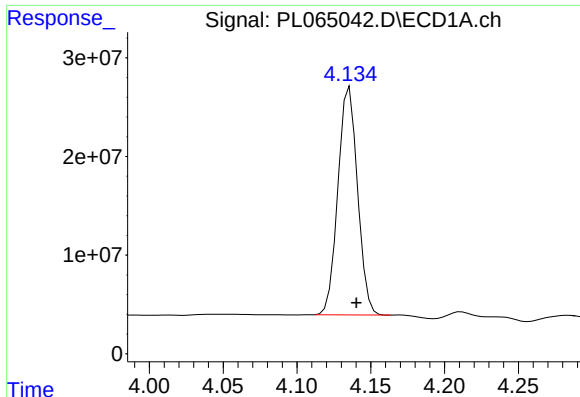
#2 alpha-BHC

R.T.: 3.856 min  
Delta R.T.: -0.004 min  
Response: 232731200  
Conc: 50.18 ng/ml



#2 alpha-BHC

R.T.: 4.501 min  
Delta R.T.: -0.005 min  
Response: 175985766  
Conc: 58.10 ng/ml



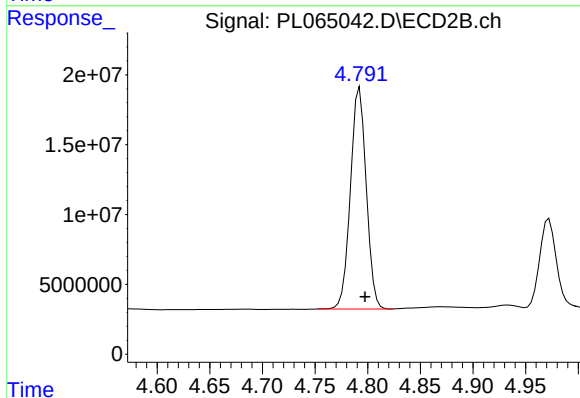
#3 gamma-BHC (Lindane)

R.T.: 4.136 min  
Delta R.T.: -0.005 min  
Response: 213752593  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

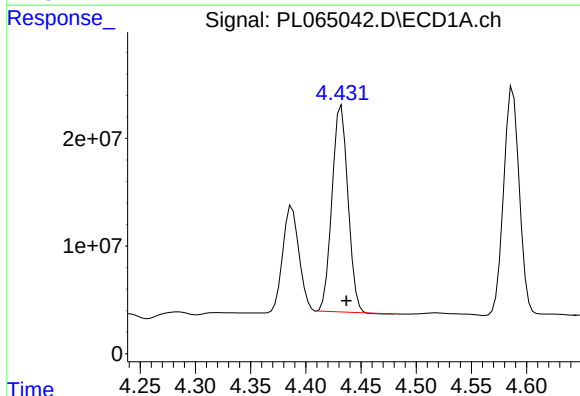
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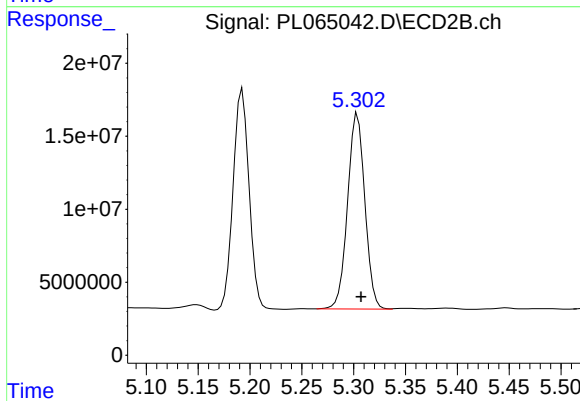
#3 gamma-BHC (Lindane)

R.T.: 4.793 min  
Delta R.T.: -0.005 min  
Response: 166419819  
Conc: 58.59 ng/ml



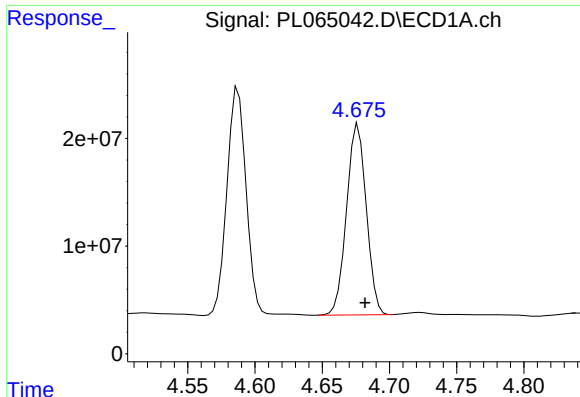
#4 Heptachlor

R.T.: 4.432 min  
Delta R.T.: -0.005 min  
Response: 192378681  
Conc: 46.92 ng/ml



#4 Heptachlor

R.T.: 5.304 min  
Delta R.T.: -0.003 min  
Response: 155428349  
Conc: 52.46 ng/ml



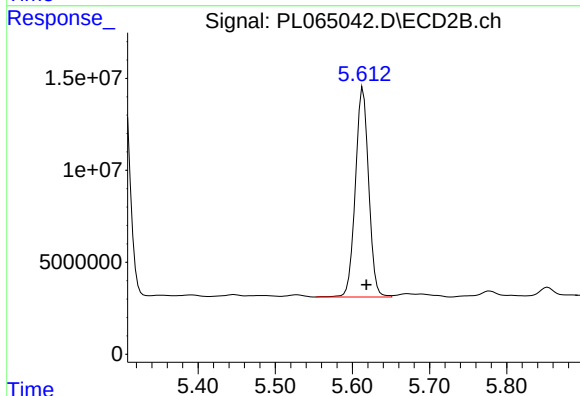
#5 Aldrin

R.T.: 4.677 min  
Delta R.T.: -0.005 min  
Response: 180790633  
Conc: 48.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

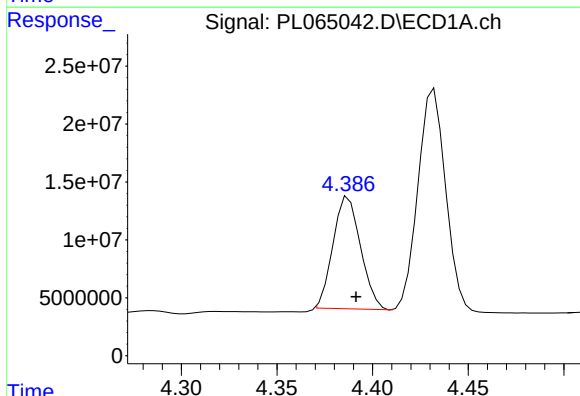
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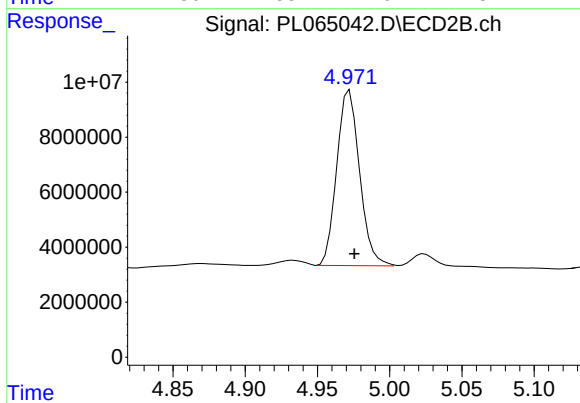
#5 Aldrin

R.T.: 5.614 min  
Delta R.T.: -0.004 min  
Response: 136349551  
Conc: 55.60 ng/ml



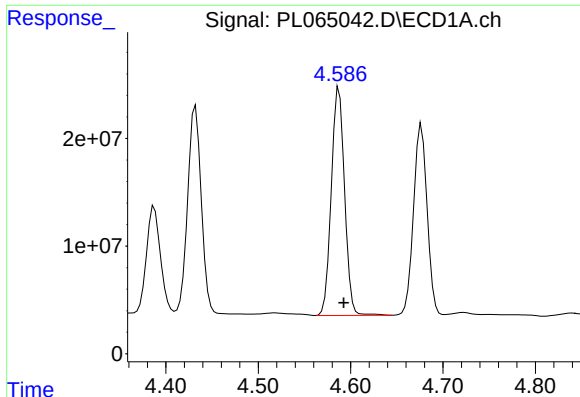
#6 beta-BHC

R.T.: 4.388 min  
Delta R.T.: -0.004 min  
Response: 96869771  
Conc: 56.68 ng/ml



#6 beta-BHC

R.T.: 4.972 min  
Delta R.T.: -0.003 min  
Response: 70030647  
Conc: 53.78 ng/ml



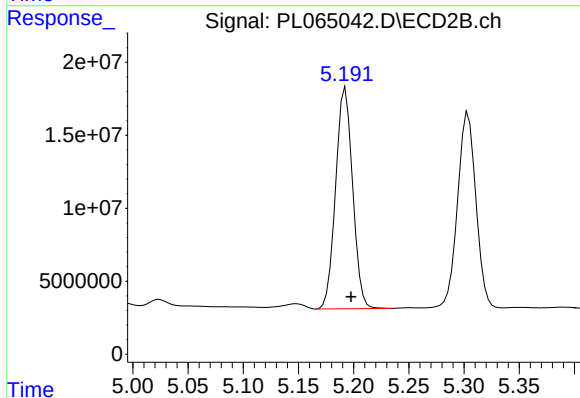
#7 delta-BHC

R.T.: 4.588 min  
Delta R.T.: -0.005 min  
Response: 211752970  
Conc: 52.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

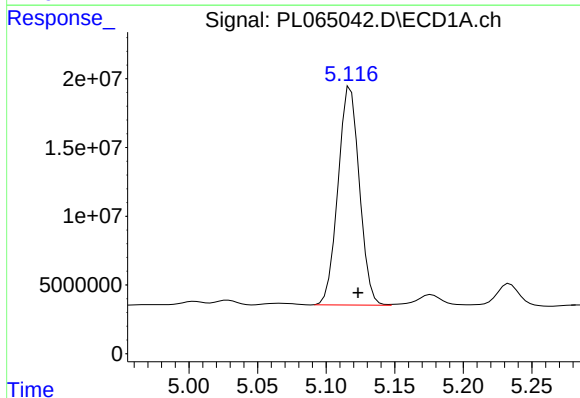
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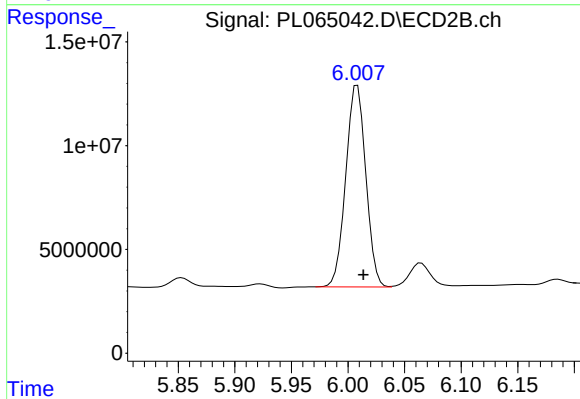
#7 delta-BHC

R.T.: 5.193 min  
Delta R.T.: -0.005 min  
Response: 162289675  
Conc: 60.07 ng/ml



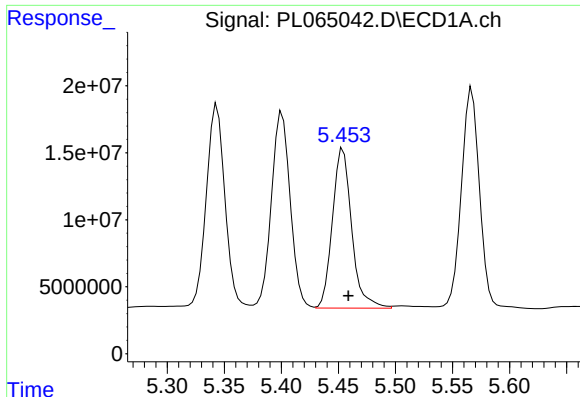
#8 Heptachlor epoxide

R.T.: 5.118 min  
Delta R.T.: -0.006 min  
Response: 172254774  
Conc: 49.61 ng/ml



#8 Heptachlor epoxide

R.T.: 6.008 min  
Delta R.T.: -0.005 min  
Response: 119882216  
Conc: 54.34 ng/ml



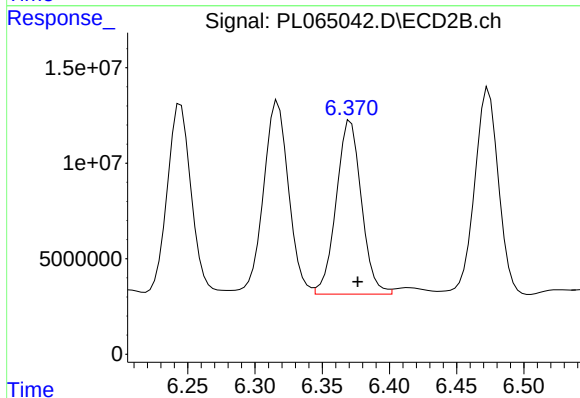
#9 Endosulfan I

R.T.: 5.454 min  
Delta R.T.: -0.005 min  
Response: 140344766  
Conc: 43.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

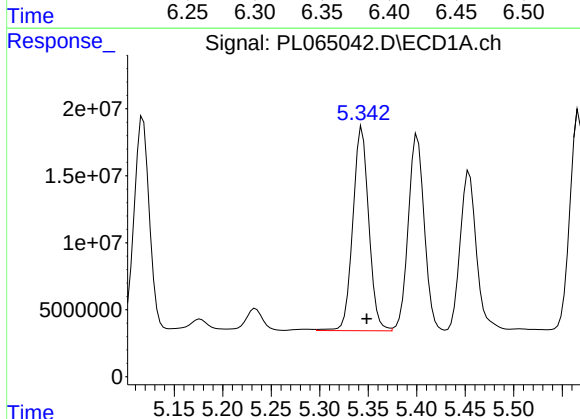
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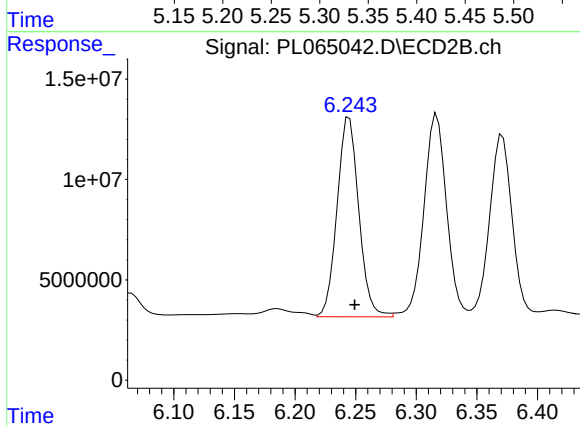
#9 Endosulfan I

R.T.: 6.371 min  
Delta R.T.: -0.005 min  
Response: 118360976  
Conc: 56.43 ng/ml



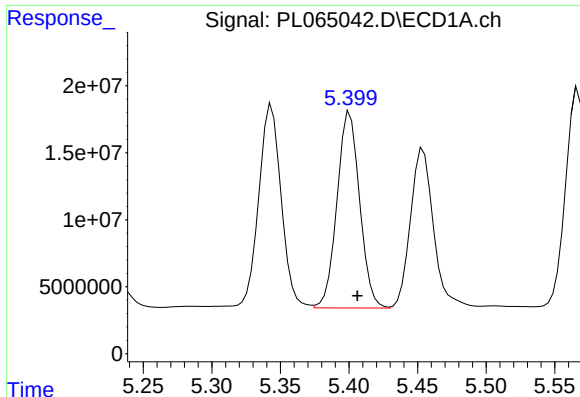
#10 gamma-Chlordane

R.T.: 5.344 min  
Delta R.T.: -0.005 min  
Response: 173891727  
Conc: 49.59 ng/ml



#10 gamma-Chlordane

R.T.: 6.245 min  
Delta R.T.: -0.004 min  
Response: 123803309  
Conc: 53.57 ng/ml



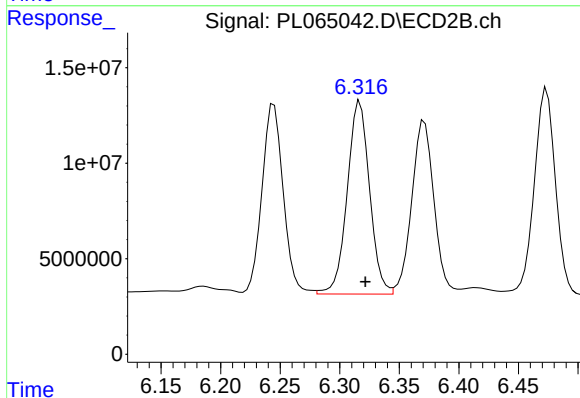
#11 alpha-Chlordane

R.T.: 5.401 min  
Delta R.T.: -0.005 min  
Response: 168297258  
Conc: 48.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

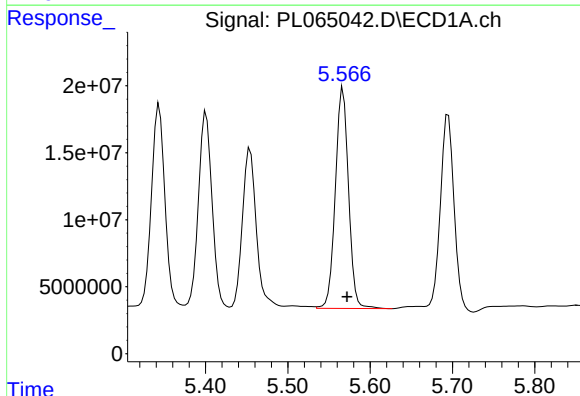
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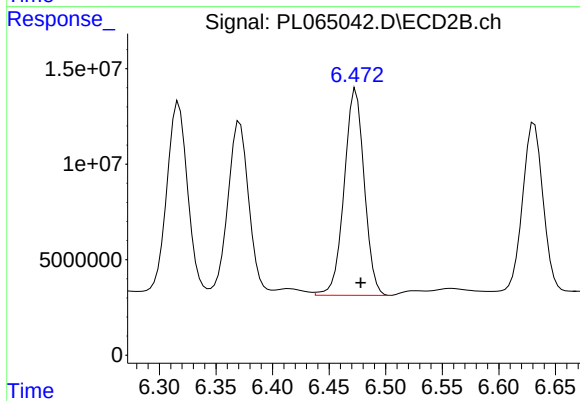
#11 alpha-Chlordane

R.T.: 6.317 min  
Delta R.T.: -0.005 min  
Response: 132106002  
Conc: 57.38 ng/ml



#12 4,4'-DDE

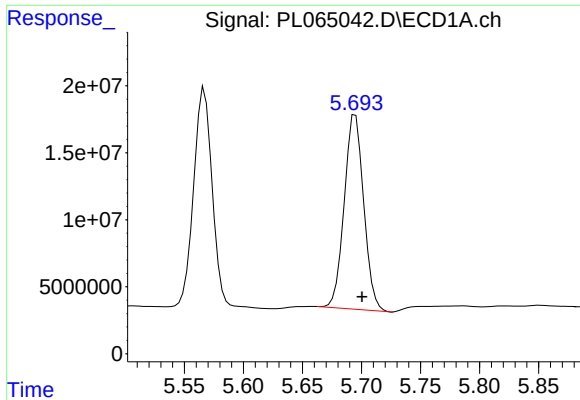
R.T.: 5.567 min  
Delta R.T.: -0.005 min  
Response: 183340145  
Conc: 58.59 ng/ml



#12 4,4'-DDE

R.T.: 6.474 min  
Delta R.T.: -0.004 min  
Response: 133487914  
Conc: 65.82 ng/ml





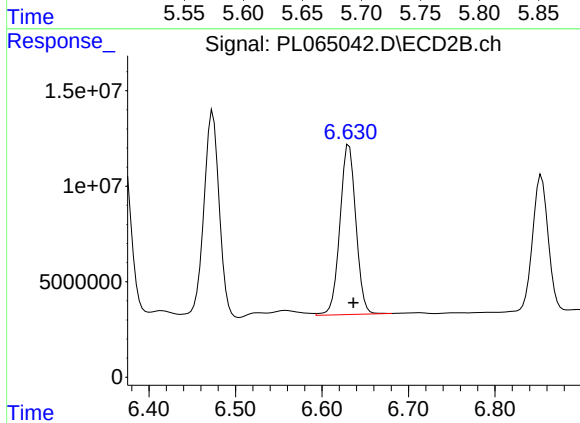
#13 Dieldrin

R.T.: 5.695 min  
Delta R.T.: -0.006 min  
Response: 166737309  
Conc: 50.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

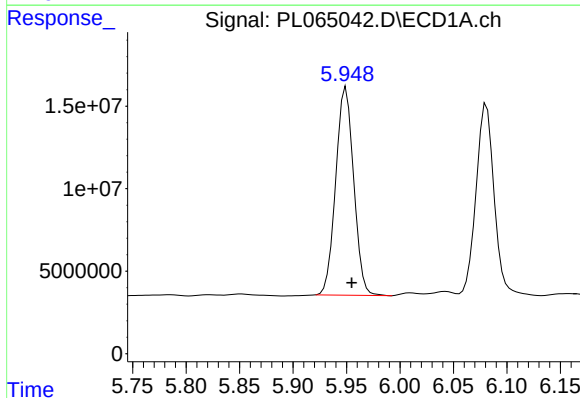
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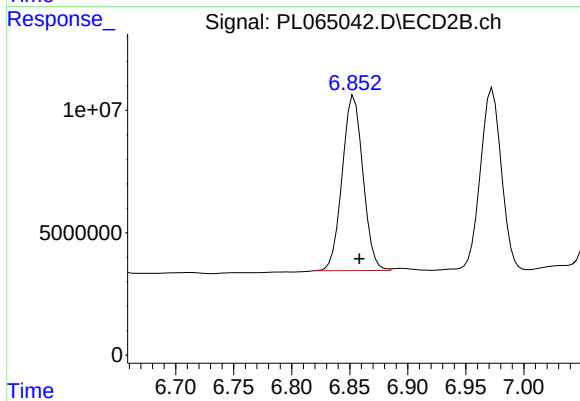
#13 Dieldrin

R.T.: 6.631 min  
Delta R.T.: -0.005 min  
Response: 113350416  
Conc: 53.03 ng/ml



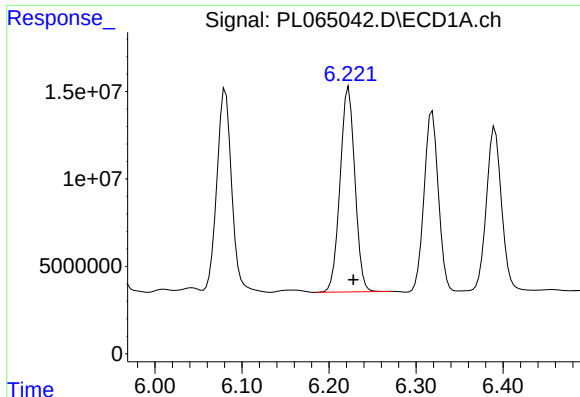
#14 Endrin

R.T.: 5.950 min  
Delta R.T.: -0.005 min  
Response: 147709384  
Conc: 49.18 ng/ml



#14 Endrin

R.T.: 6.854 min  
Delta R.T.: -0.005 min  
Response: 89098951  
Conc: 49.29 ng/ml



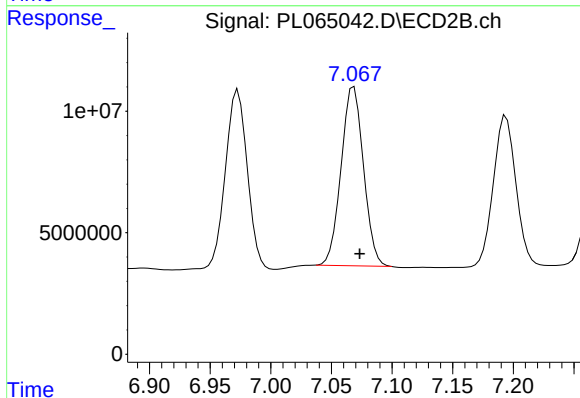
#15 Endosulfan II

R.T.: 6.223 min  
Delta R.T.: -0.005 min  
Response: 138559753  
Conc: 48.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

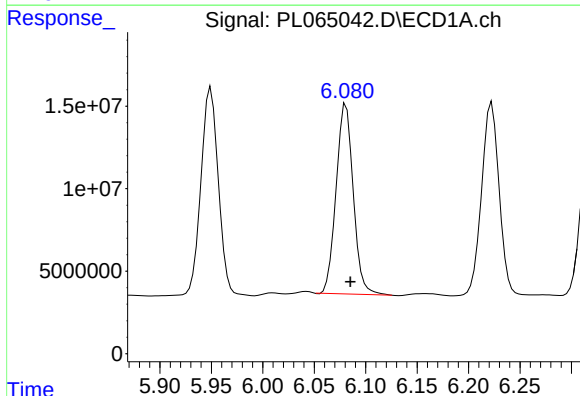
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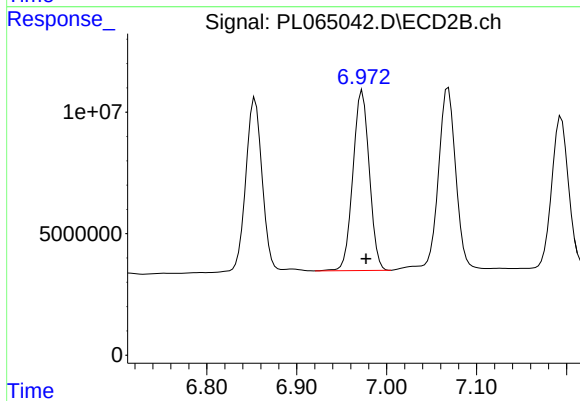
#15 Endosulfan II

R.T.: 7.069 min  
Delta R.T.: -0.005 min  
Response: 94644135  
Conc: 50.23 ng/ml



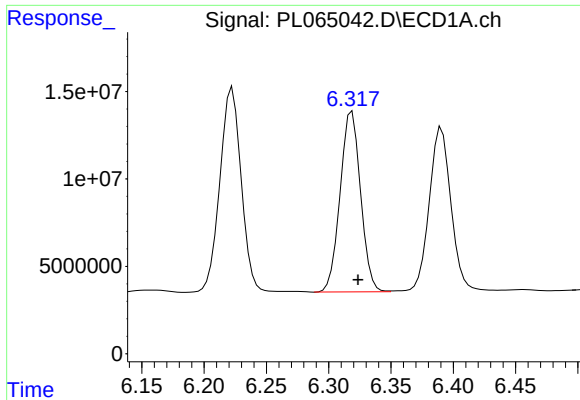
#16 4,4'-DDD

R.T.: 6.081 min  
Delta R.T.: -0.004 min  
Response: 133511396  
Conc: 52.72 ng/ml



#16 4,4'-DDD

R.T.: 6.973 min  
Delta R.T.: -0.004 min  
Response: 93576732  
Conc: 53.98 ng/ml



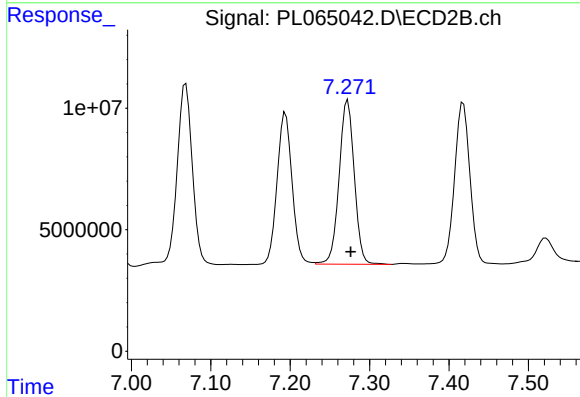
#17 4,4'-DDT

R.T.: 6.319 min  
Delta R.T.: -0.005 min  
Response: 118367290  
Conc: 52.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

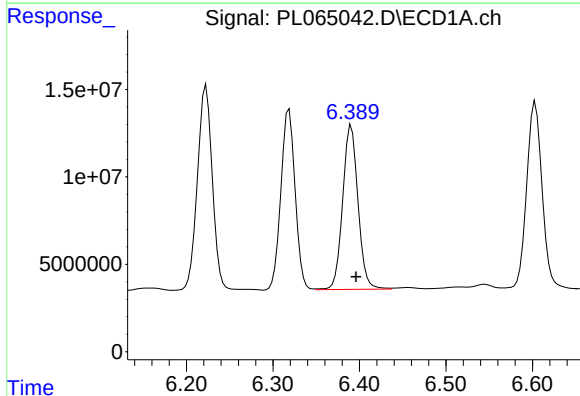
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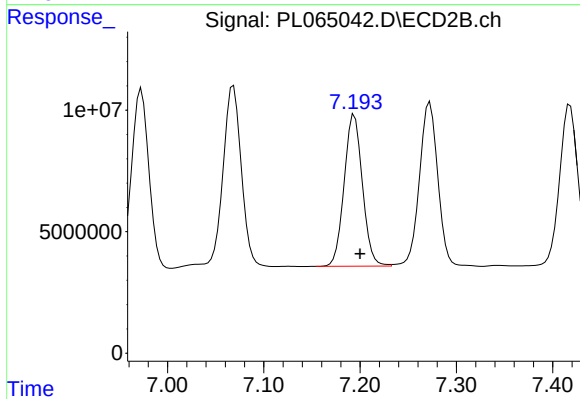
#17 4,4'-DDT

R.T.: 7.273 min  
Delta R.T.: -0.004 min  
Response: 89734093  
Conc: 58.86 ng/ml



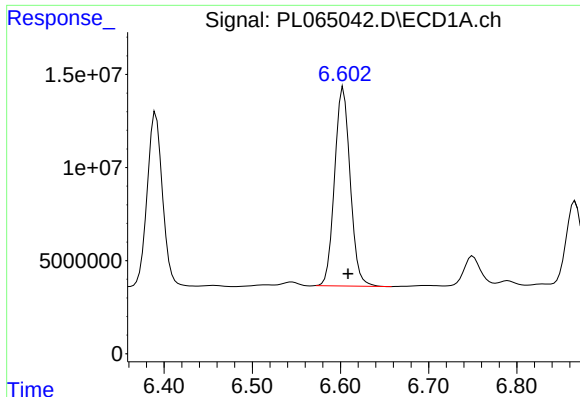
#18 Endrin aldehyde

R.T.: 6.391 min  
Delta R.T.: -0.005 min  
Response: 114776546  
Conc: 47.07 ng/ml



#18 Endrin aldehyde

R.T.: 7.193 min  
Delta R.T.: -0.007 min  
Response: 82084521  
Conc: 50.41 ng/ml m



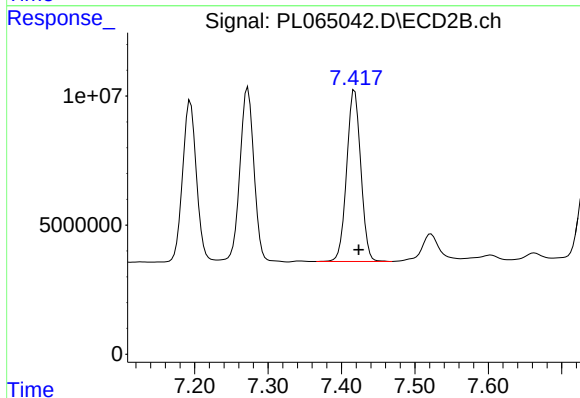
#19 Endosulfan Sulfate

R.T.: 6.603 min  
Delta R.T.: -0.005 min  
Response: 131216667  
Conc: 46.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

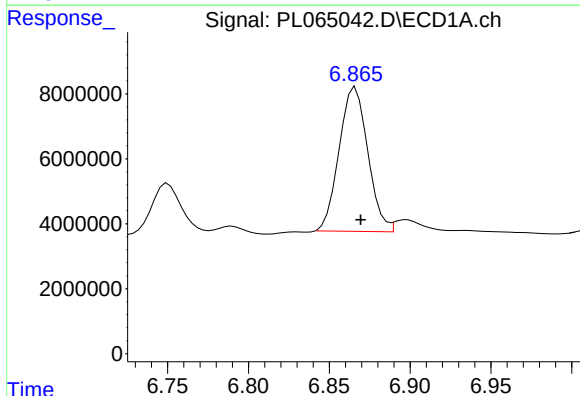
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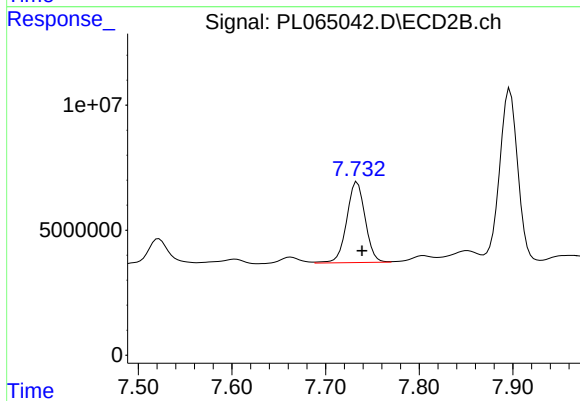
#19 Endosulfan Sulfate

R.T.: 7.418 min  
Delta R.T.: -0.006 min  
Response: 88865422  
Conc: 49.38 ng/ml



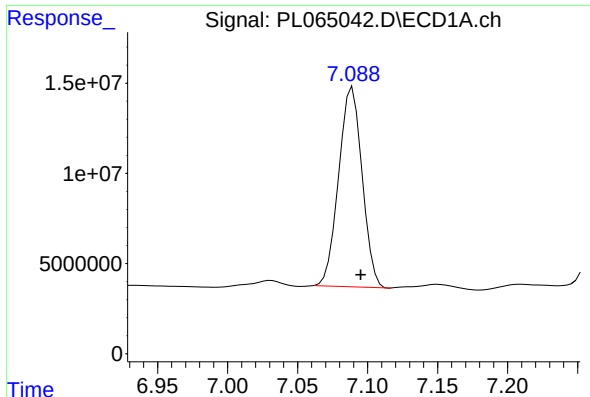
#20 Methoxychlor

R.T.: 6.866 min  
Delta R.T.: -0.003 min  
Response: 54781856  
Conc: 42.31 ng/ml



#20 Methoxychlor

R.T.: 7.734 min  
Delta R.T.: -0.005 min  
Response: 44100543  
Conc: 48.79 ng/ml



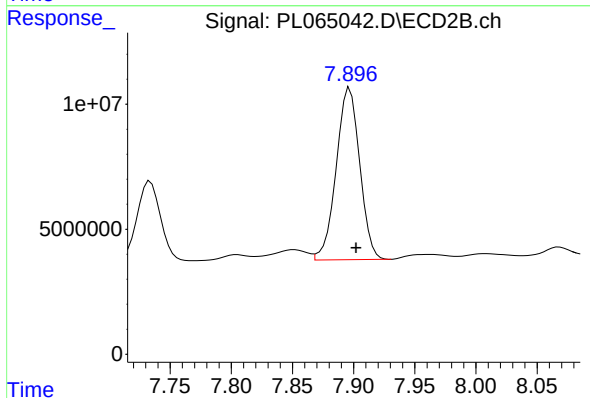
#21 Endrin ketone

R.T.: 7.089 min  
Delta R.T.: -0.006 min  
Response: 129066335  
Conc: 45.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

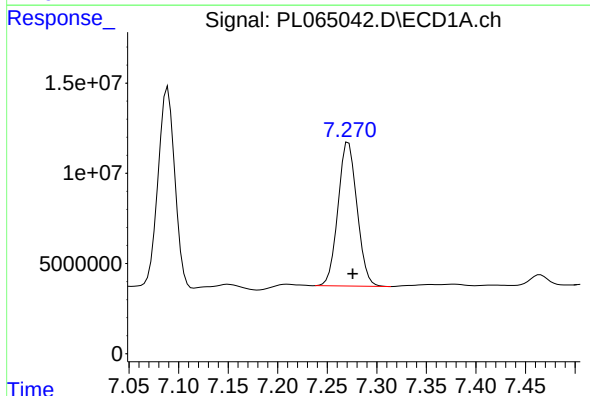
Manual Integrations  
APPROVED

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3/4/2021 9:08:34 AM



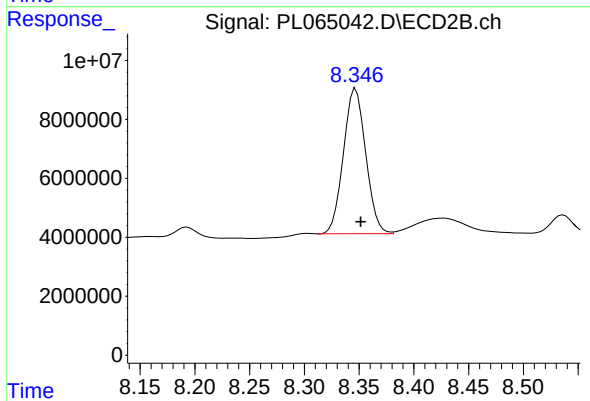
#21 Endrin ketone

R.T.: 7.897 min  
Delta R.T.: -0.005 min  
Response: 91898506  
Conc: 48.07 ng/ml



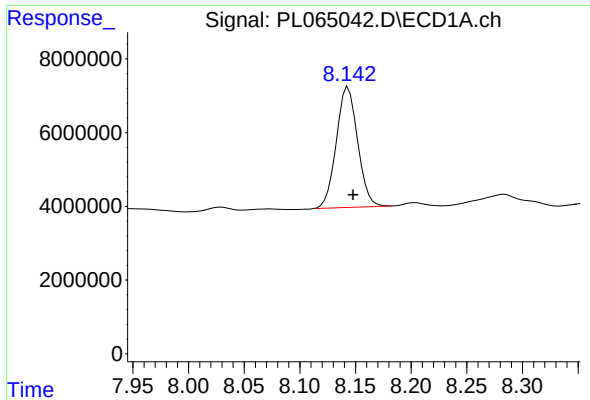
#22 Mirex

R.T.: 7.271 min  
Delta R.T.: -0.004 min  
Response: 106539088  
Conc: 50.42 ng/ml



#22 Mirex

R.T.: 8.347 min  
Delta R.T.: -0.005 min  
Response: 69839499  
Conc: 50.24 ng/ml



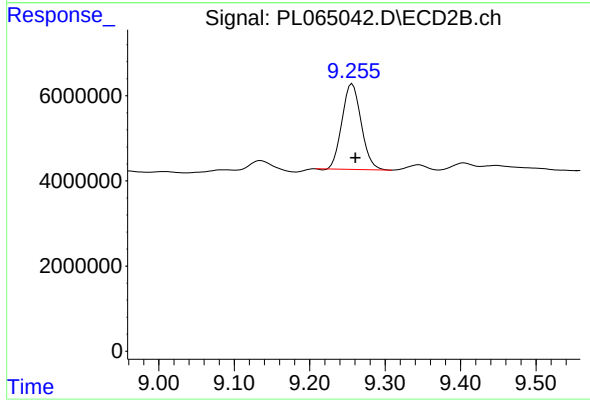
#28 Decachlorobiphenyl

R.T.: 8.143 min  
Delta R.T.: -0.004 min  
Response: 43566111  
Conc: 19.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.256 min  
Delta R.T.: -0.004 min  
Response: 35605790  
Conc: 18.75 ng/ml