

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032521\  
 Data File : PL065549.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Mar 2021 10:42  
 Operator : AR\AJ  
 Sample : PB135299BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB135299BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 25 13:48:26 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 19 02:14:11 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... | 3.285 | 3.784 | 52935189 | 57657531 | 22.290  | 21.007  |
| 28)                         | SA Decachlor... | 7.924 | 8.733 | 45289852 | 41675629 | 18.745  | 21.026  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.709 | 4.169 | 38969911 | 38758616 | 10.423  | 9.538   |
| 3)                          | MA gamma-BHC... | 3.982 | 4.448 | 35297893 | 35212302 | 10.321  | 9.643   |
| 4)                          | MA Heptachlor   | 4.268 | 4.934 | 32871088 | 34567276 | 10.044  | 10.366  |
| 5)                          | MB Aldrin       | 4.505 | 5.230 | 33198113 | 31446671 | 10.477  | 9.602   |
| 6)                          | B beta-BHC      | 4.232 | 4.631 | 15815698 | 21104070 | 11.184  | 12.250  |
| 7)                          | B delta-BHC     | 4.424 | 4.838 | 31388324 | 29701522 | 9.437m  | 9.939   |
| 8)                          | B Heptachlo...  | 4.937 | 5.617 | 31837944 | 32921112 | 10.766  | 11.388  |
| 9)                          | A Endosulfan I  | 5.264 | 5.966 | 28473059 | 27851583 | 10.446  | 10.579  |
| 10)                         | B gamma-Chl...  | 5.158 | 5.847 | 33114673 | 30590710 | 11.215  | 10.962  |
| 11)                         | B alpha-Chl...  | 5.214 | 5.917 | 31739710 | 30110884 | 10.907  | 10.849  |
| 12)                         | B 4,4'-DDE      | 5.380 | 6.081 | 26906208 | 24338339 | 10.224  | 9.771   |
| 13)                         | MA Dieldrin     | 5.501 | 6.223 | 28309909 | 26498880 | 10.113  | 9.742   |
| 14)                         | MA Endrin       | 5.749 | 6.438 | 26046897 | 21809722 | 10.432m | 9.874   |
| 15)                         | B Endosulfa...  | 6.023 | 6.654 | 25719131 | 24545177 | 10.499  | 10.874  |
| 16)                         | A 4,4'-DDD      | 5.886 | 6.572 | 22089445 | 21965733 | 9.995   | 9.987   |
| 17)                         | MA 4,4'-DDT     | 6.120 | 6.865 | 17342053 | 17306410 | 9.162   | 8.817   |
| 18)                         | B Endrin al...  | 6.190 | 6.779 | 20818968 | 19571024 | 10.842  | 11.171  |
| 19)                         | B Endosulfa...  | 6.400 | 6.999 | 25353564 | 25020516 | 10.258  | 11.405m |
| 20)                         | A Methoxychlor  | 6.665 | 7.331 | 10730499 | 10712437 | 9.359   | 10.257  |
| 21)                         | B Endrin ke...  | 6.878 | 7.466 | 25482069 | 24929643 | 9.480   | 10.567  |
| 22)                         | Mirex           | 7.051 | 7.902 | 19794029 | 17789781 | 9.721   | 10.688  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032521\  
Data File : PL065549.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Mar 2021 10:42  
Operator : AR\AJ  
Sample : PB135299BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

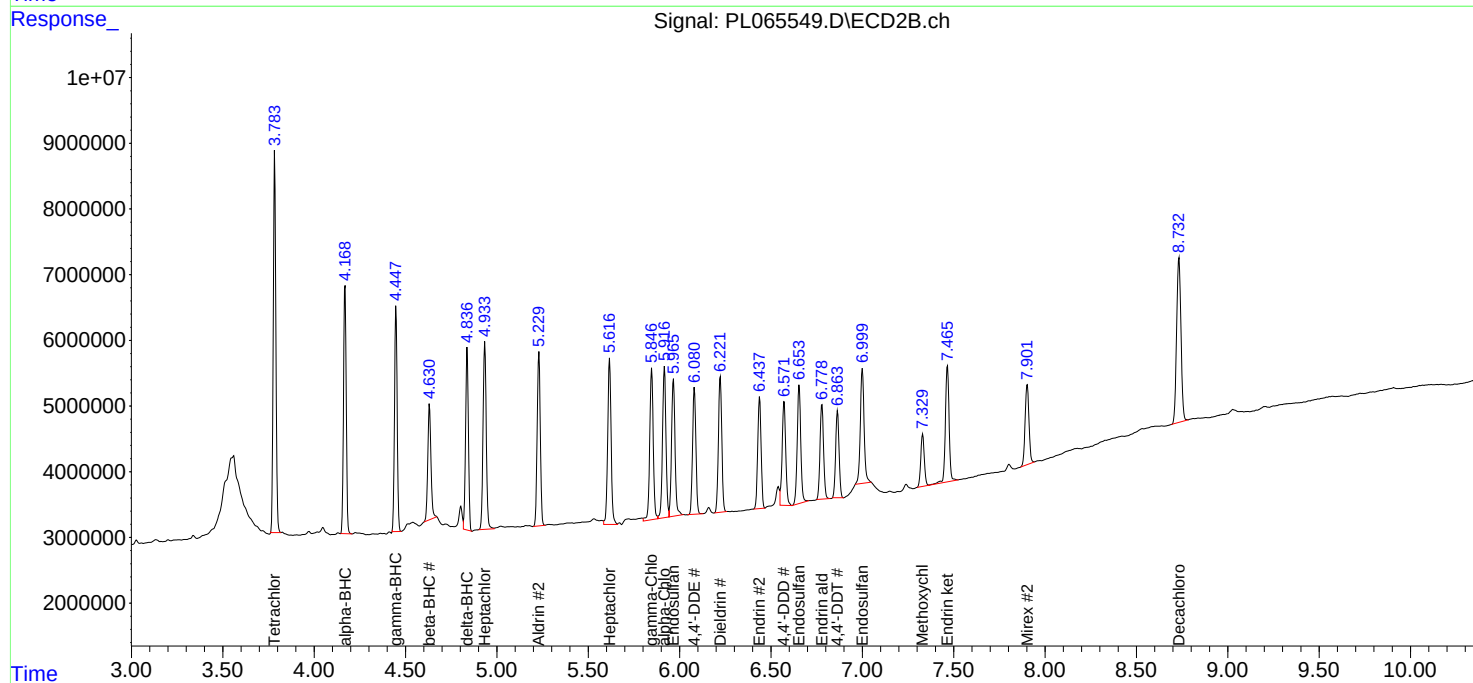
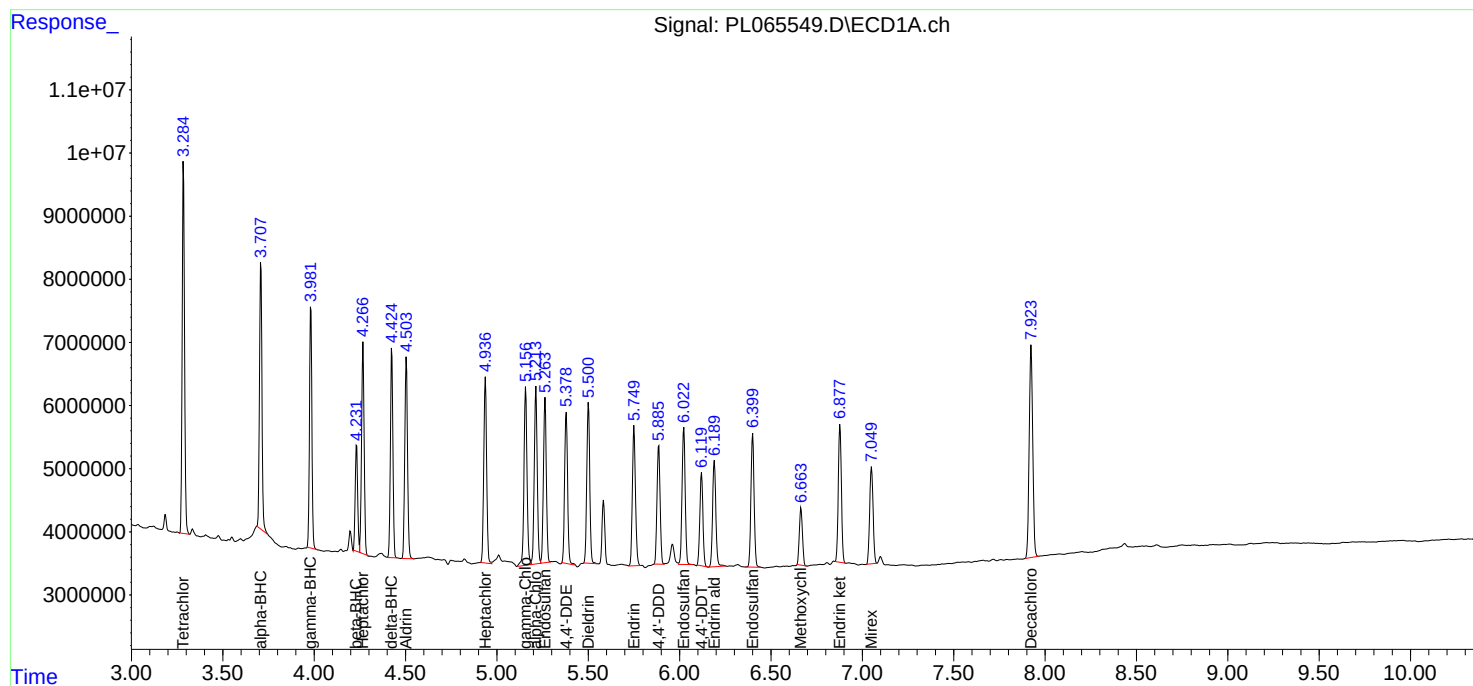
Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

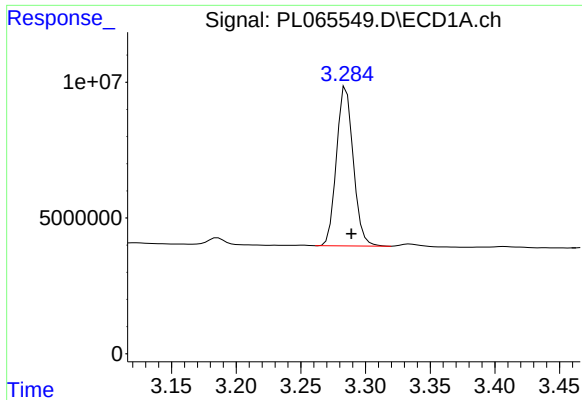
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 13:48:26 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 19 02:14:11 2021  
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





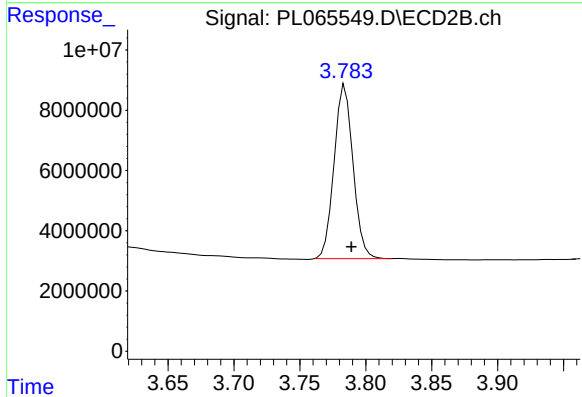
#1 Tetrachloro-m-xylene

R.T.: 3.285 min  
Delta R.T.: -0.004 min  
Response: 52935189  
Conc: 22.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

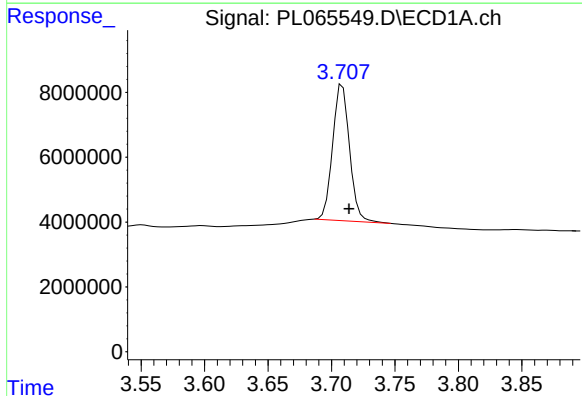
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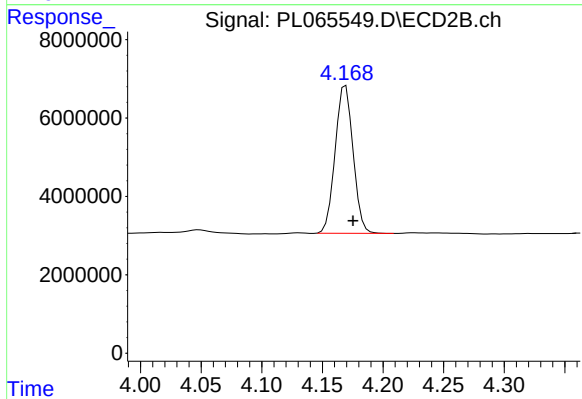
#1 Tetrachloro-m-xylene

R.T.: 3.784 min  
Delta R.T.: -0.005 min  
Response: 57657531  
Conc: 21.01 ng/ml



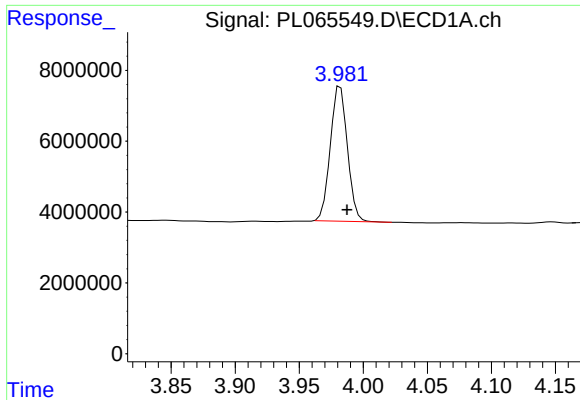
#2 alpha-BHC

R.T.: 3.709 min  
Delta R.T.: -0.005 min  
Response: 38969911  
Conc: 10.42 ng/ml



#2 alpha-BHC

R.T.: 4.169 min  
Delta R.T.: -0.006 min  
Response: 38758616  
Conc: 9.54 ng/ml



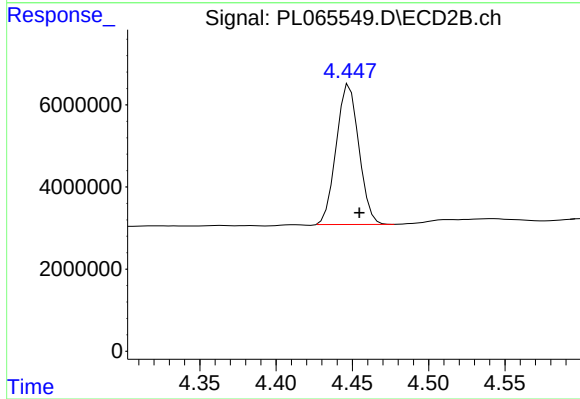
#3 gamma-BHC (Lindane)

R.T.: 3.982 min  
Delta R.T.: -0.005 min  
Response: 35297893  
Conc: 10.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

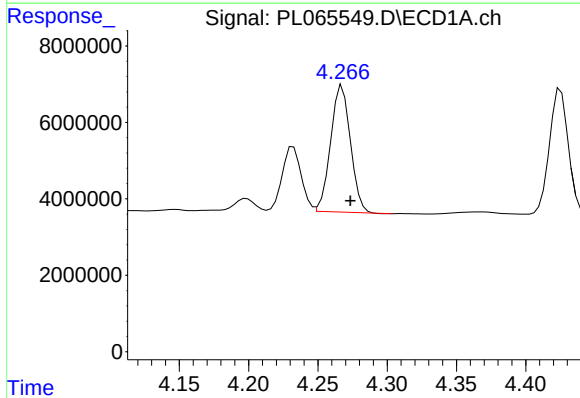
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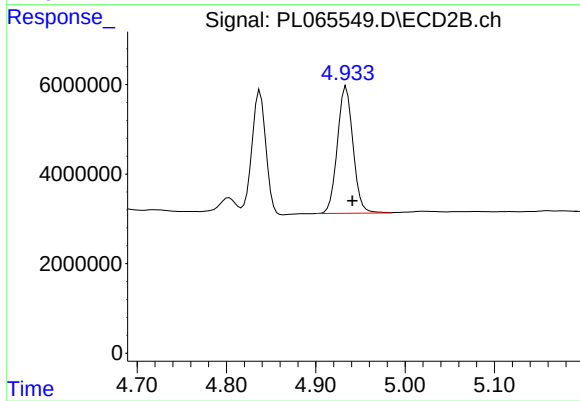
#3 gamma-BHC (Lindane)

R.T.: 4.448 min  
Delta R.T.: -0.007 min  
Response: 35212302  
Conc: 9.64 ng/ml



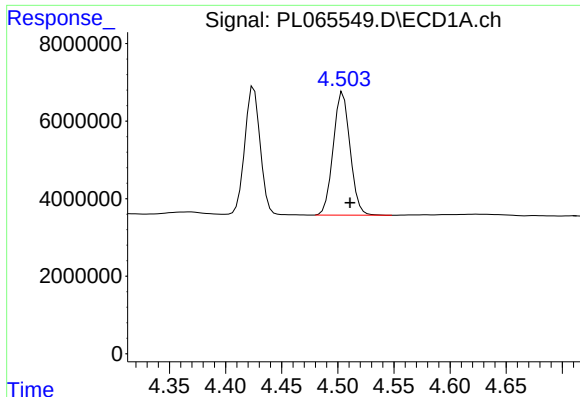
#4 Heptachlor

R.T.: 4.268 min  
Delta R.T.: -0.006 min  
Response: 32871088  
Conc: 10.04 ng/ml



#4 Heptachlor

R.T.: 4.934 min  
Delta R.T.: -0.007 min  
Response: 34567276  
Conc: 10.37 ng/ml



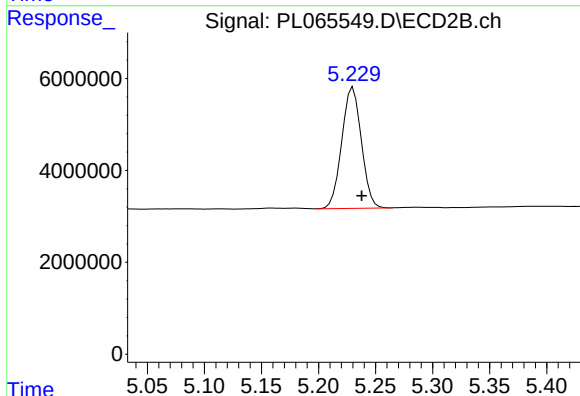
#5 Aldrin

R.T.: 4.505 min  
Delta R.T.: -0.006 min  
Response: 33198113  
Conc: 10.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

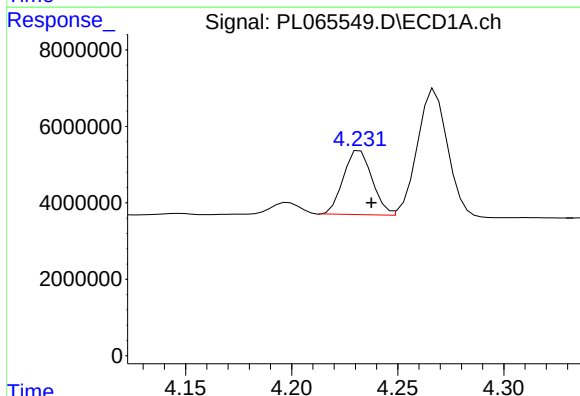
Manual Integrations  
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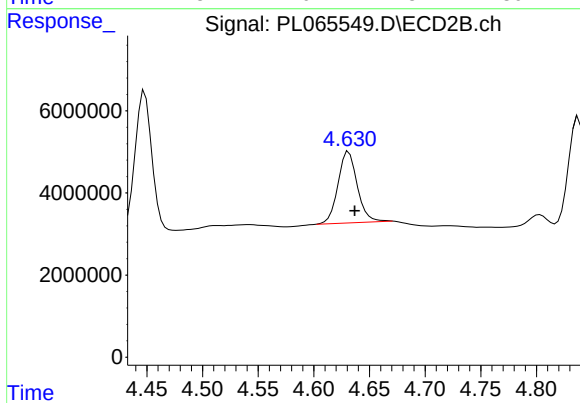
#5 Aldrin

R.T.: 5.230 min  
Delta R.T.: -0.008 min  
Response: 31446671  
Conc: 9.60 ng/ml



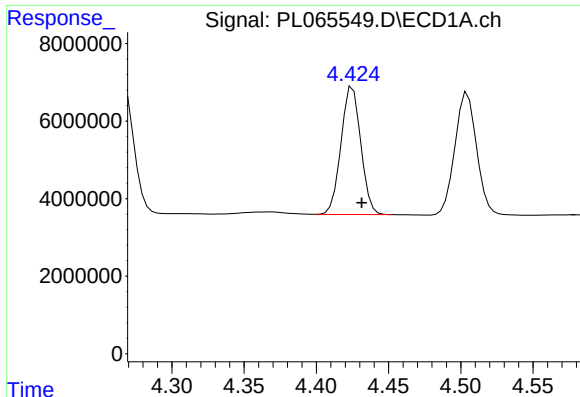
#6 beta-BHC

R.T.: 4.232 min  
Delta R.T.: -0.005 min  
Response: 15815698  
Conc: 11.18 ng/ml



#6 beta-BHC

R.T.: 4.631 min  
Delta R.T.: -0.005 min  
Response: 21104070  
Conc: 12.25 ng/ml



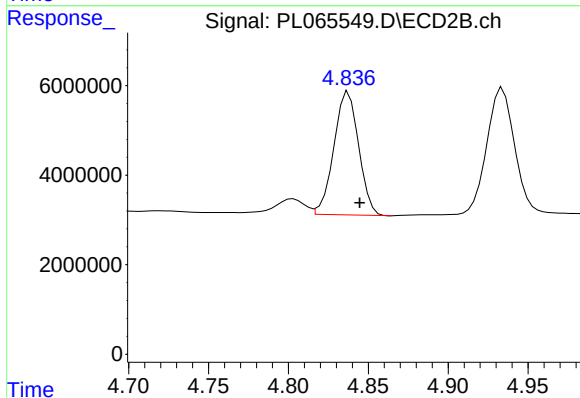
#7 delta-BHC

R.T.: 4.424 min  
Delta R.T.: -0.008 min  
Response: 31388324  
Conc: 9.44 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

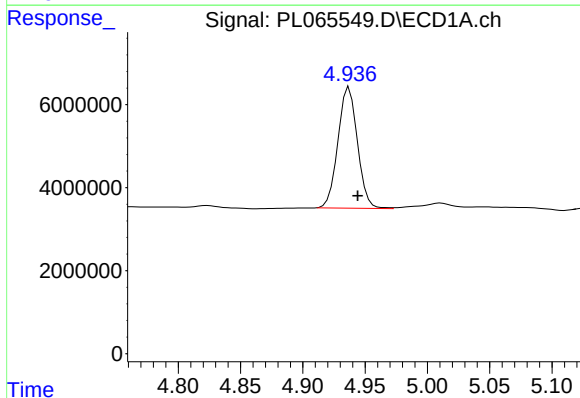
Manual Integrations  
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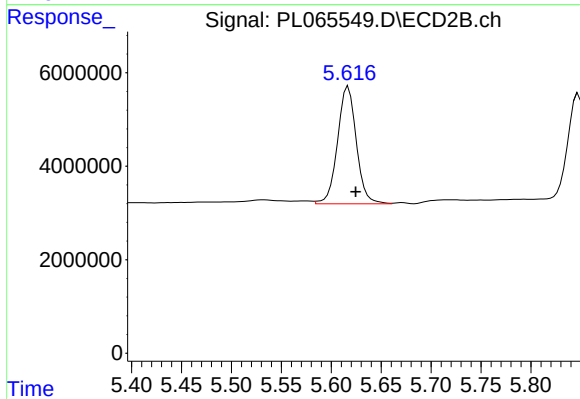
#7 delta-BHC

R.T.: 4.838 min  
Delta R.T.: -0.007 min  
Response: 29701522  
Conc: 9.94 ng/ml



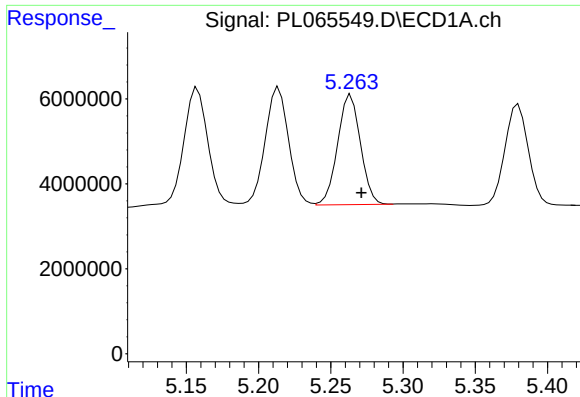
#8 Heptachlor epoxide

R.T.: 4.937 min  
Delta R.T.: -0.007 min  
Response: 31837944  
Conc: 10.77 ng/ml



#8 Heptachlor epoxide

R.T.: 5.617 min  
Delta R.T.: -0.008 min  
Response: 32921112  
Conc: 11.39 ng/ml



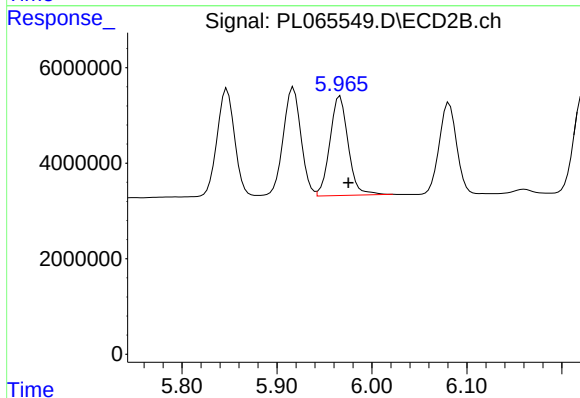
#9 Endosulfan I

R.T.: 5.264 min  
Delta R.T.: -0.007 min  
Response: 28473059  
Conc: 10.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

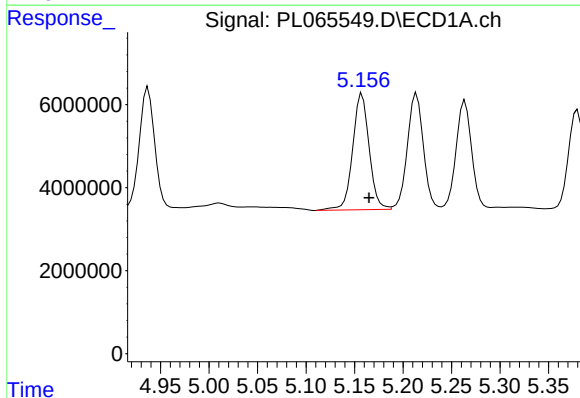
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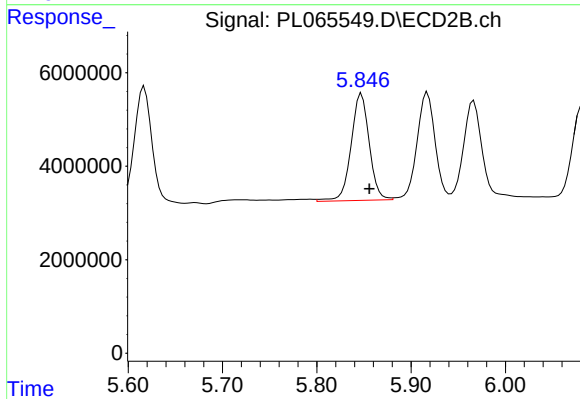
#9 Endosulfan I

R.T.: 5.966 min  
Delta R.T.: -0.009 min  
Response: 27851583  
Conc: 10.58 ng/ml



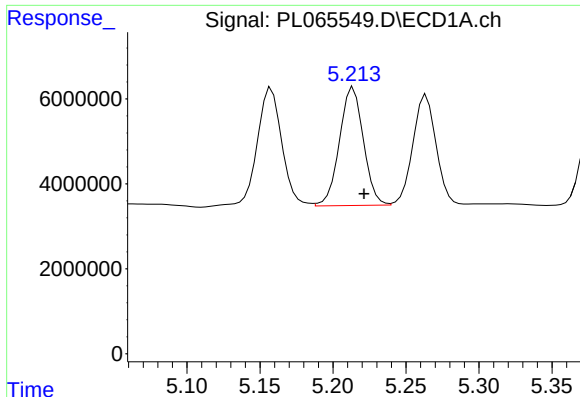
#10 gamma-Chlordane

R.T.: 5.158 min  
Delta R.T.: -0.007 min  
Response: 33114673  
Conc: 11.22 ng/ml



#10 gamma-Chlordane

R.T.: 5.847 min  
Delta R.T.: -0.008 min  
Response: 30590710  
Conc: 10.96 ng/ml



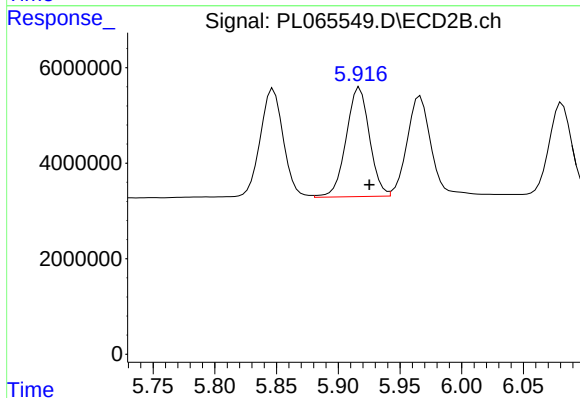
#11 alpha-Chlordane

R.T.: 5.214 min  
Delta R.T.: -0.007 min  
Response: 31739710  
Conc: 10.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

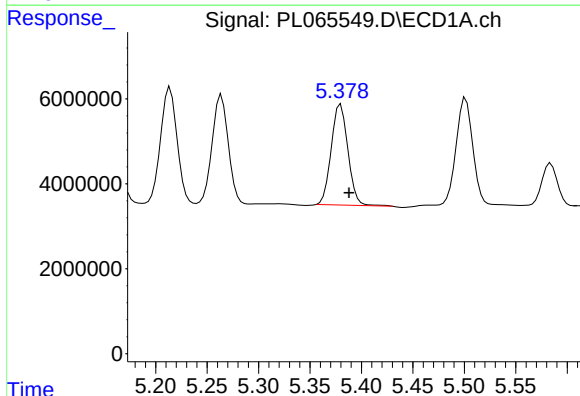
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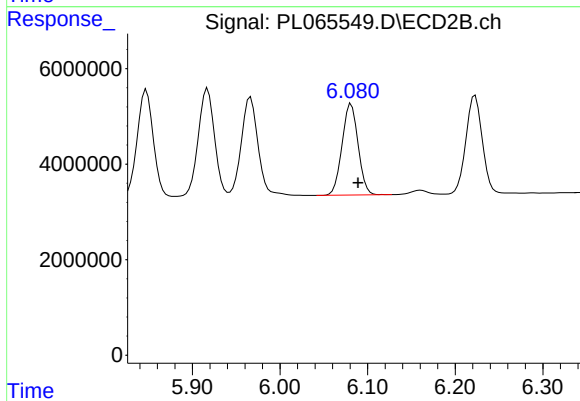
#11 alpha-Chlordane

R.T.: 5.917 min  
Delta R.T.: -0.008 min  
Response: 30110884  
Conc: 10.85 ng/ml



#12 4,4'-DDE

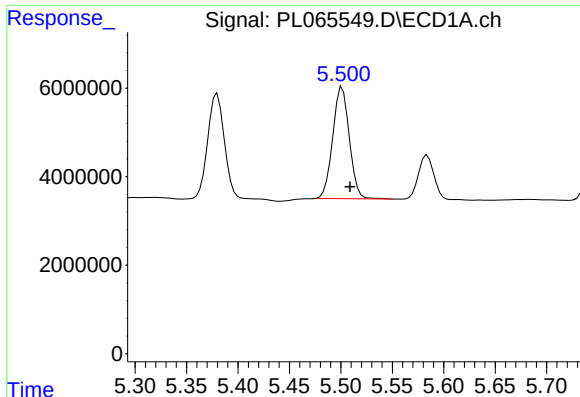
R.T.: 5.380 min  
Delta R.T.: -0.008 min  
Response: 26906208  
Conc: 10.22 ng/ml



#12 4,4'-DDE

R.T.: 6.081 min  
Delta R.T.: -0.008 min  
Response: 24338339  
Conc: 9.77 ng/ml





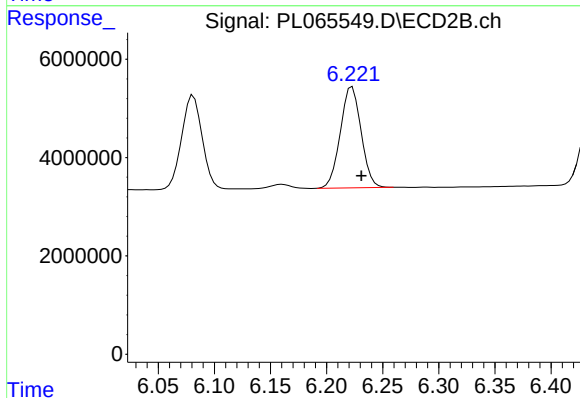
#13 Dieldrin

R.T.: 5.501 min  
Delta R.T.: -0.008 min  
Response: 28309909  
Conc: 10.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

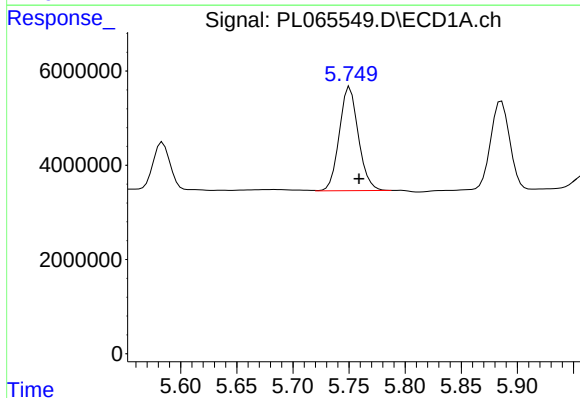
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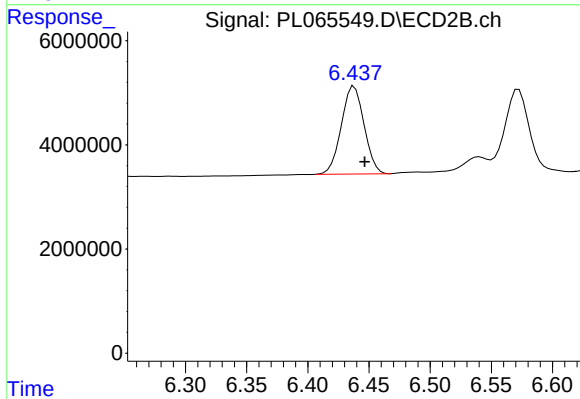
#13 Dieldrin

R.T.: 6.223 min  
Delta R.T.: -0.008 min  
Response: 26498880  
Conc: 9.74 ng/ml



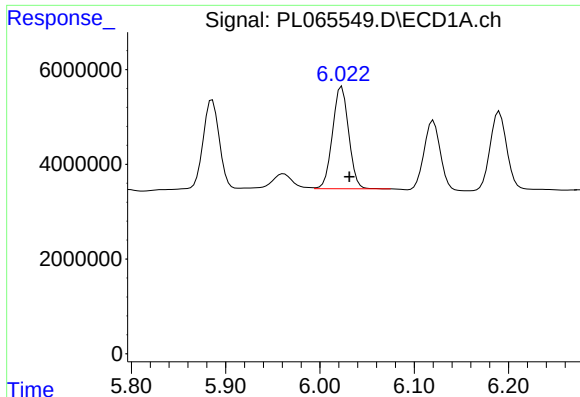
#14 Endrin

R.T.: 5.749 min  
Delta R.T.: -0.009 min  
Response: 26046897  
Conc: 10.43 ng/ml m



#14 Endrin

R.T.: 6.438 min  
Delta R.T.: -0.008 min  
Response: 21809722  
Conc: 9.87 ng/ml



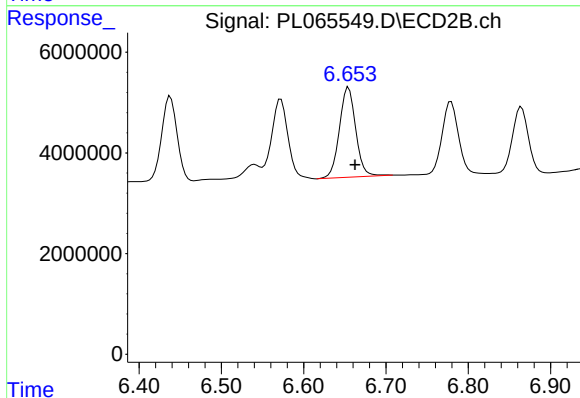
#15 Endosulfan II

R.T.: 6.023 min  
Delta R.T.: -0.008 min  
Response: 25719131  
Conc: 10.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

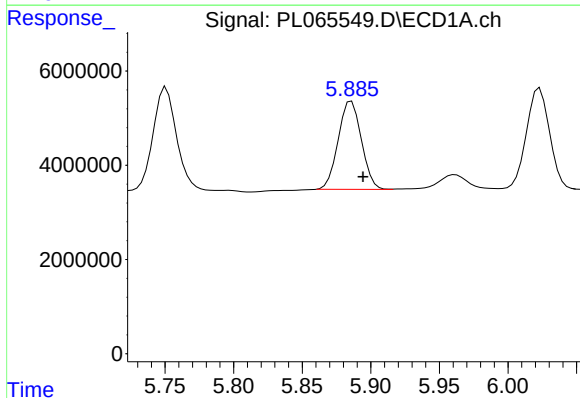
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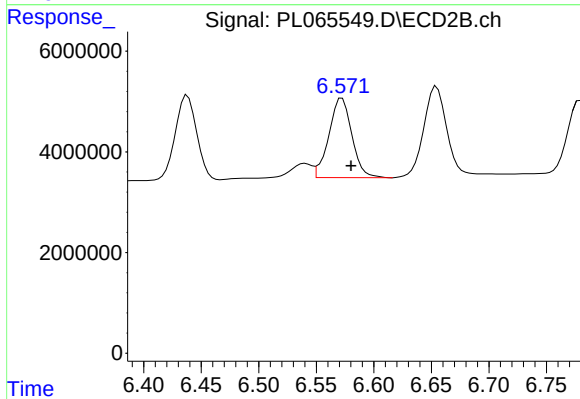
#15 Endosulfan II

R.T.: 6.654 min  
Delta R.T.: -0.008 min  
Response: 24545177  
Conc: 10.87 ng/ml



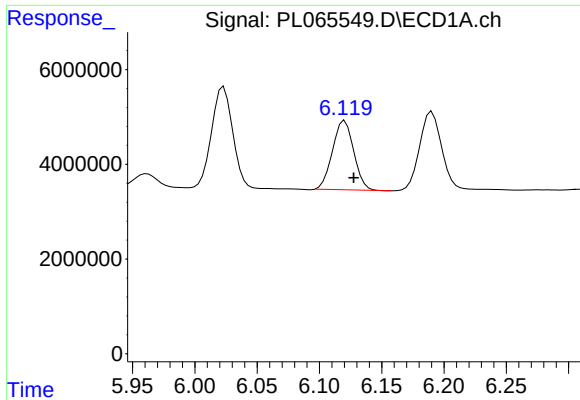
#16 4,4'-DDD

R.T.: 5.886 min  
Delta R.T.: -0.008 min  
Response: 22089445  
Conc: 9.99 ng/ml



#16 4,4'-DDD

R.T.: 6.572 min  
Delta R.T.: -0.008 min  
Response: 21965733  
Conc: 9.99 ng/ml



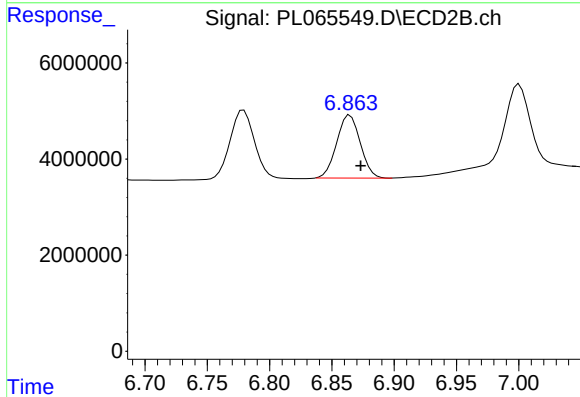
#17 4,4'-DDT

R.T.: 6.120 min  
Delta R.T.: -0.007 min  
Response: 17342053  
Conc: 9.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

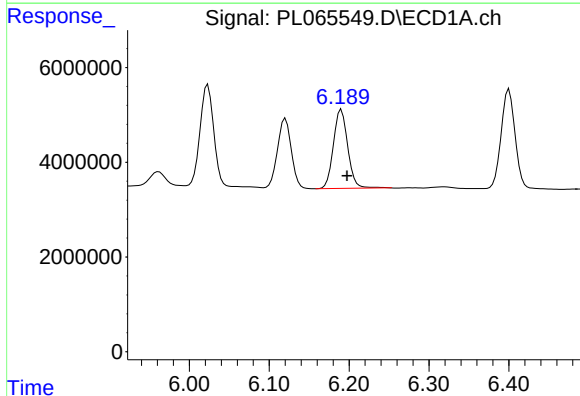
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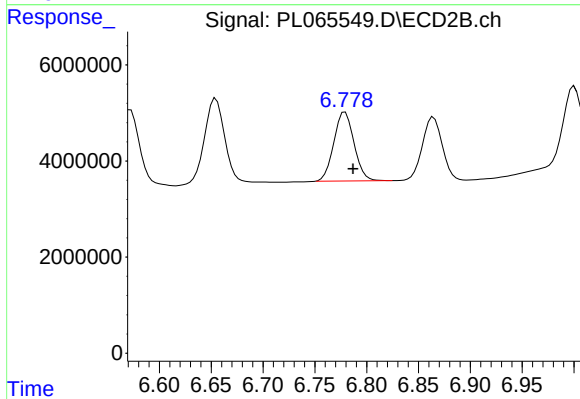
#17 4,4'-DDT

R.T.: 6.865 min  
Delta R.T.: -0.009 min  
Response: 17306410  
Conc: 8.82 ng/ml



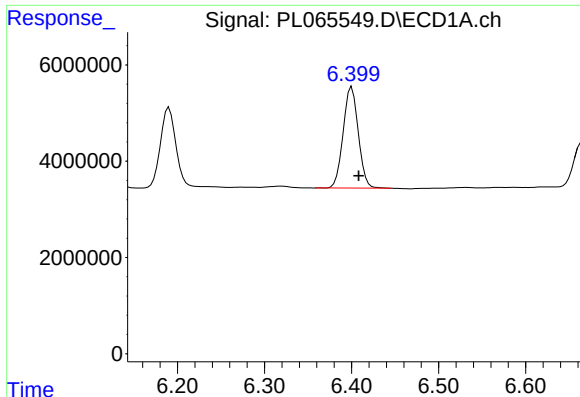
#18 Endrin aldehyde

R.T.: 6.190 min  
Delta R.T.: -0.007 min  
Response: 20818968  
Conc: 10.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.779 min  
Delta R.T.: -0.007 min  
Response: 19571024  
Conc: 11.17 ng/ml



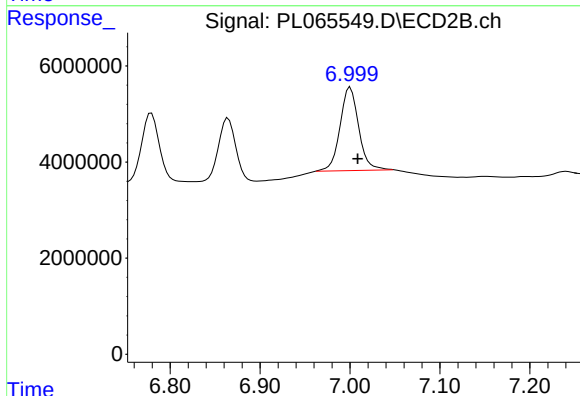
#19 Endosulfan Sulfate

R.T.: 6.400 min  
Delta R.T.: -0.008 min  
Response: 25353564  
Conc: 10.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

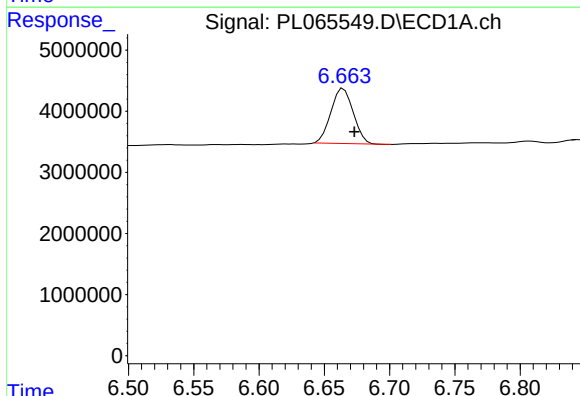
Manual Integrations  
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3/26/2021 11:06:39 AM



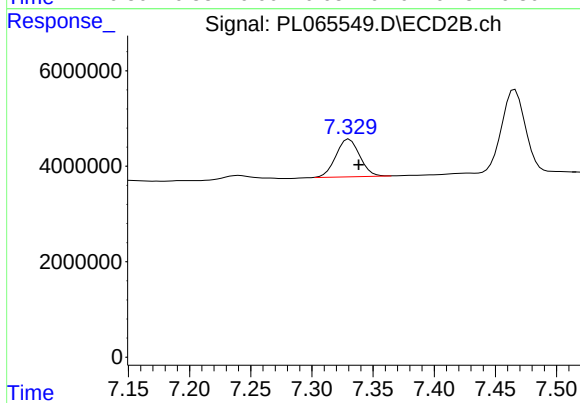
#19 Endosulfan Sulfate

R.T.: 6.999 min  
Delta R.T.: -0.010 min  
Response: 25020516  
Conc: 11.41 ng/ml m



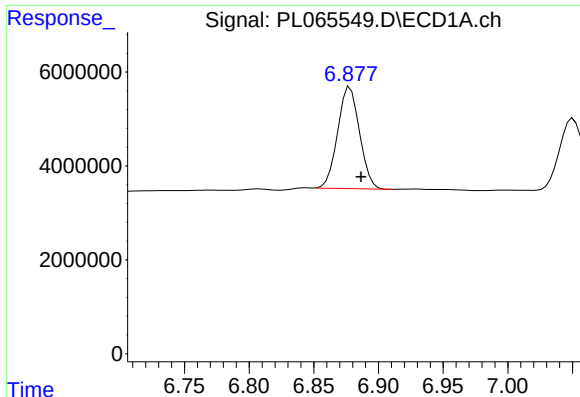
#20 Methoxychlor

R.T.: 6.665 min  
Delta R.T.: -0.008 min  
Response: 10730499  
Conc: 9.36 ng/ml



#20 Methoxychlor

R.T.: 7.331 min  
Delta R.T.: -0.008 min  
Response: 10712437  
Conc: 10.26 ng/ml



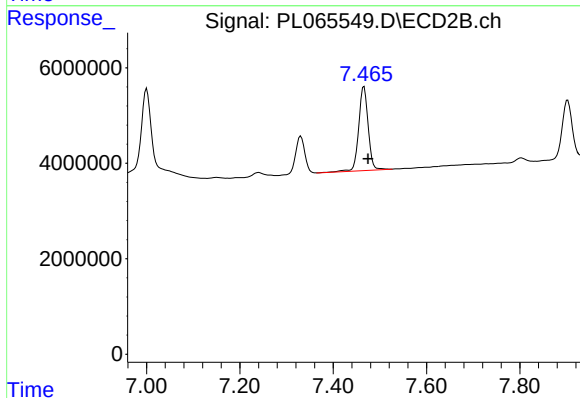
#21 Endrin ketone

R.T.: 6.878 min  
Delta R.T.: -0.008 min  
Response: 25482069  
Conc: 9.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

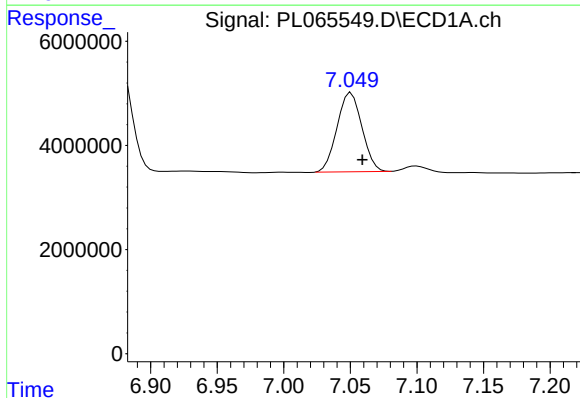
Manual Integrations  
APPROVED

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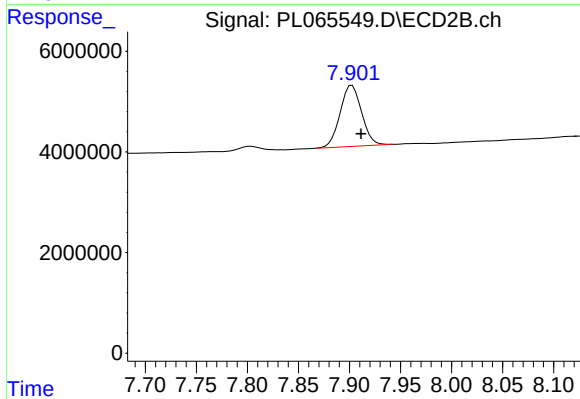
#21 Endrin ketone

R.T.: 7.466 min  
Delta R.T.: -0.008 min  
Response: 24929643  
Conc: 10.57 ng/ml



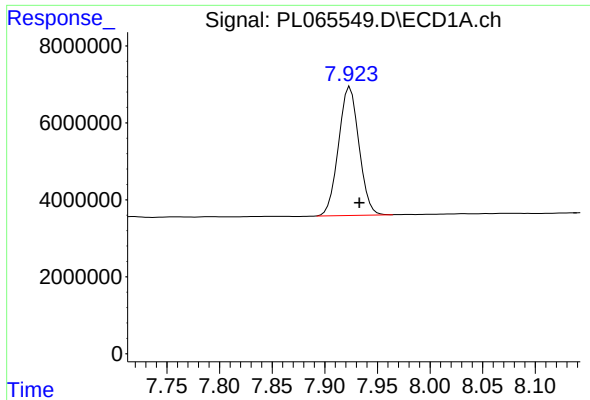
#22 Mirex

R.T.: 7.051 min  
Delta R.T.: -0.008 min  
Response: 19794029  
Conc: 9.72 ng/ml



#22 Mirex

R.T.: 7.902 min  
Delta R.T.: -0.009 min  
Response: 17789781  
Conc: 10.69 ng/ml



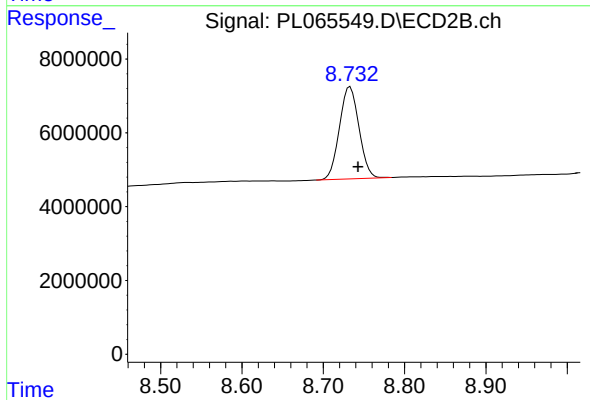
#28 Decachlorobiphenyl

R.T.: 7.924 min  
Delta R.T.: -0.009 min  
Response: 45289852  
Conc: 18.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135299BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.733 min  
Delta R.T.: -0.010 min  
Response: 41675629  
Conc: 21.03 ng/ml