

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112124\  
 Data File : PL093196.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Nov 2024 10:48  
 Operator : AR\AJ  
 Sample : PB165164BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB165164BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024  
 Supervised By :Ankita Jodhani 11/22/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 21 23:31:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 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... | 3.536 | 2.774 | 51536957 | 52101821 | 21.033  | 19.147 |
| 28)                         | SA Decachlor... | 9.056 | 7.915 | 38265125 | 59341842 | 19.883  | 21.743 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.993 | 3.277 | 167.3E6  | 201.3E6  | 49.321  | 50.453 |
| 3)                          | MA gamma-BHC... | 4.326 | 3.607 | 156.7E6  | 193.3E6  | 48.084  | 50.090 |
| 4)                          | MA Heptachlor   | 4.914 | 3.946 | 146.6E6  | 196.3E6  | 48.811  | 52.014 |
| 5)                          | MB Aldrin       | 5.255 | 4.226 | 140.7E6  | 188.6E6  | 46.891m | 51.526 |
| 6)                          | B beta-BHC      | 4.524 | 3.907 | 71956913 | 85705144 | 49.781  | 52.061 |
| 7)                          | B delta-BHC     | 4.771 | 4.136 | 126.8E6  | 162.0E6  | 40.508  | 42.149 |
| 8)                          | B Heptachlo...  | 5.683 | 4.728 | 130.6E6  | 177.4E6  | 47.278  | 53.105 |
| 9)                          | A Endosulfan I  | 6.069 | 5.099 | 121.2E6  | 168.3E6  | 48.461  | 55.132 |
| 10)                         | B gamma-Chl...  | 5.939 | 4.979 | 130.1E6  | 185.3E6  | 48.902  | 55.109 |
| 11)                         | B alpha-Chl...  | 6.018 | 5.043 | 129.3E6  | 181.7E6  | 48.843  | 54.636 |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.231 | 118.7E6  | 181.1E6  | 50.112  | 56.208 |
| 13)                         | MA Dieldrin     | 6.344 | 5.363 | 128.4E6  | 184.7E6  | 48.713  | 55.297 |
| 14)                         | MA Endrin       | 6.574 | 5.639 | 95140246 | 142.7E6  | 41.789  | 49.317 |
| 15)                         | B Endosulfa...  | 6.794 | 5.934 | 113.0E6  | 162.0E6  | 47.420  | 57.184 |
| 16)                         | A 4,4'-DDD      | 6.710 | 5.787 | 97876341 | 149.7E6  | 50.990  | 60.102 |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.037 | 95634392 | 135.0E6  | 46.206  | 50.335 |
| 18)                         | B Endrin al...  | 6.924 | 6.113 | 93811467 | 131.2E6  | 49.954  | 56.883 |
| 19)                         | B Endosulfa...  | 7.159 | 6.337 | 100.8E6  | 144.9E6  | 46.429  | 53.719 |
| 20)                         | A Methoxychlor  | 7.500 | 6.613 | 49326996 | 71054973 | 43.269  | 49.757 |
| 21)                         | B Endrin ke...  | 7.644 | 6.842 | 121.8E6  | 182.5E6  | 50.259  | 59.485 |
| 22)                         | Mirex           | 8.118 | 7.023 | 86775468 | 129.7E6  | 43.788  | 49.715 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112124\  
Data File : PL093196.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Nov 2024 10:48  
Operator : AR\AJ  
Sample : PB165164BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB165164BS

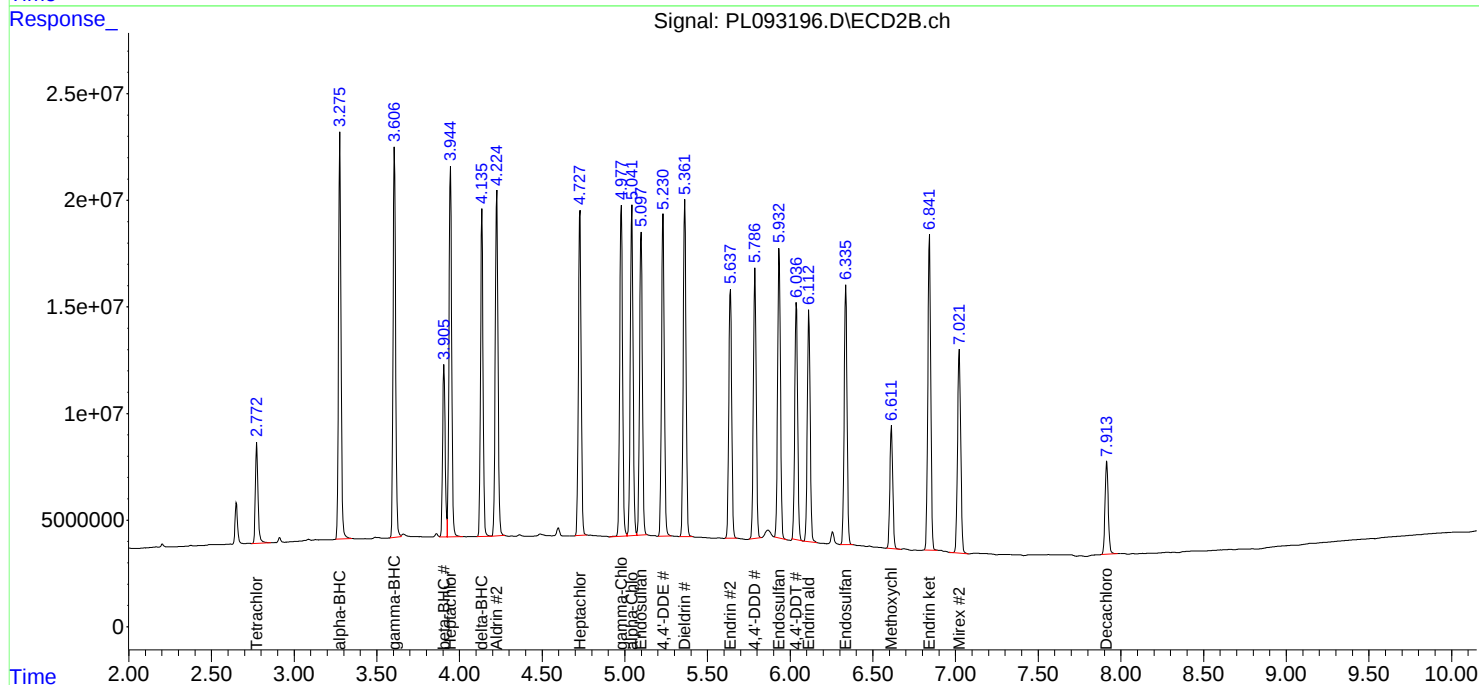
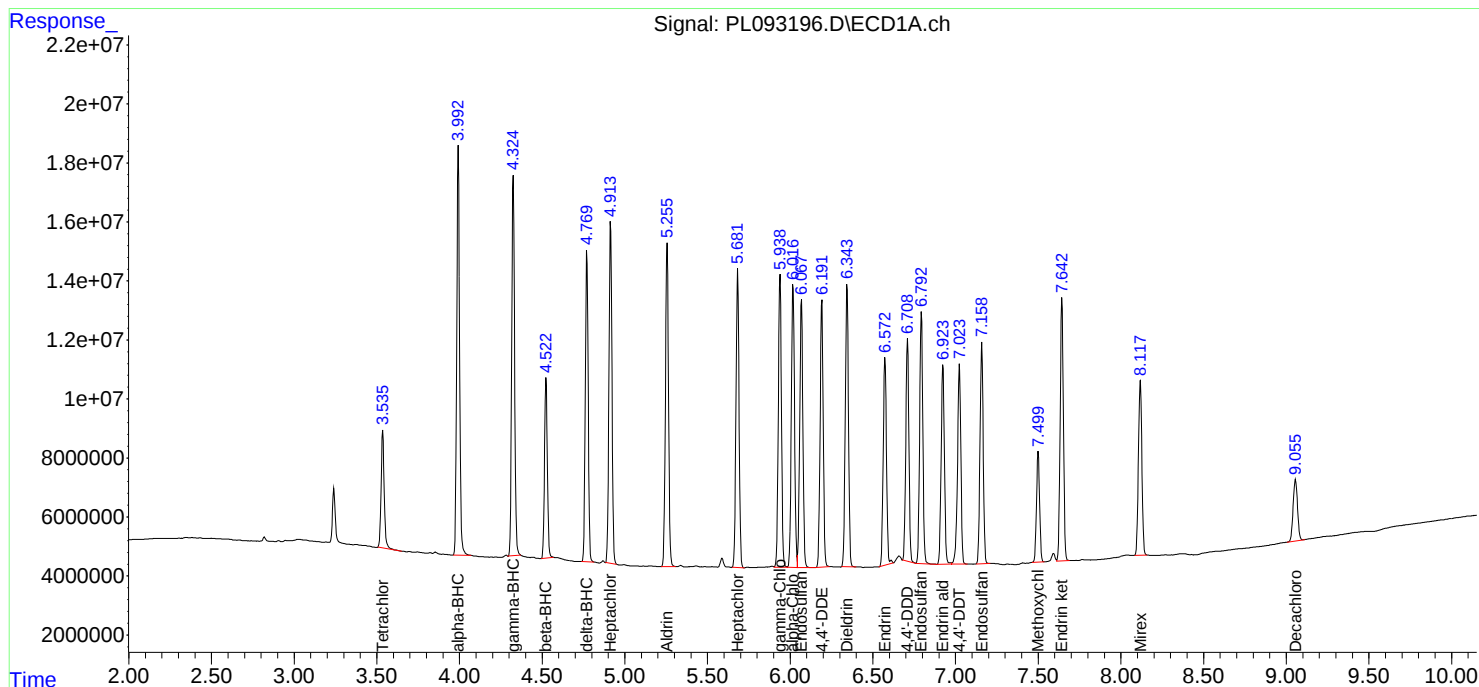
## Manual Integrations

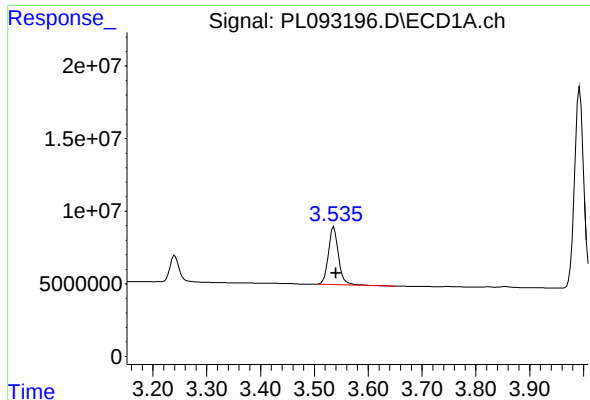
## APPROVED

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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 23:31:16 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
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





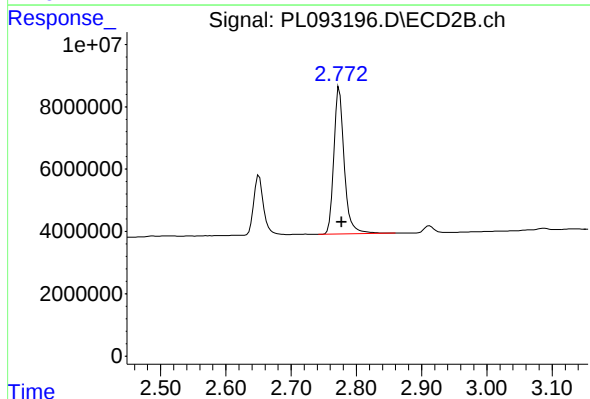
#1 Tetrachloro-m-xylene

R.T.: 3.536 min  
Delta R.T.: -0.004 min  
Response: 51536957  
Conc: 21.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165164BS

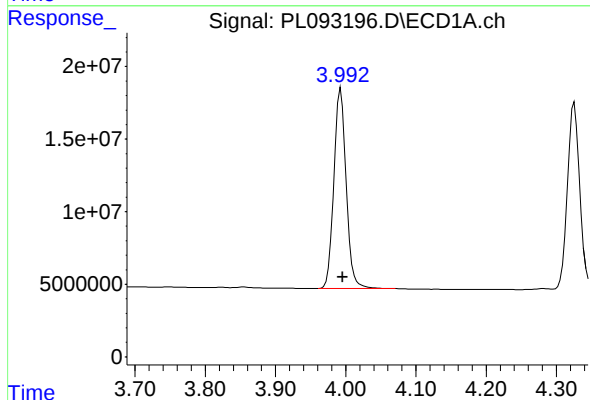
Manual Integrations  
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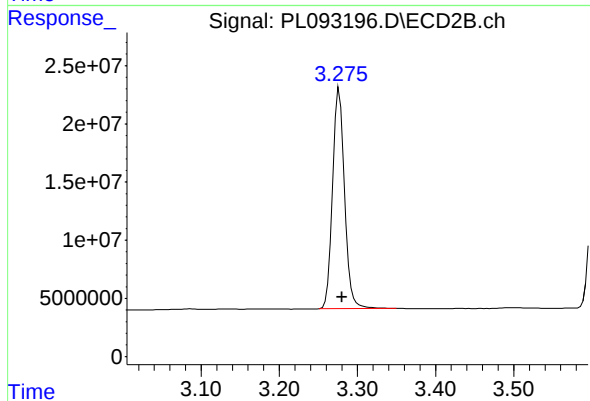
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: -0.004 min  
Response: 52101821  
Conc: 19.15 ng/ml



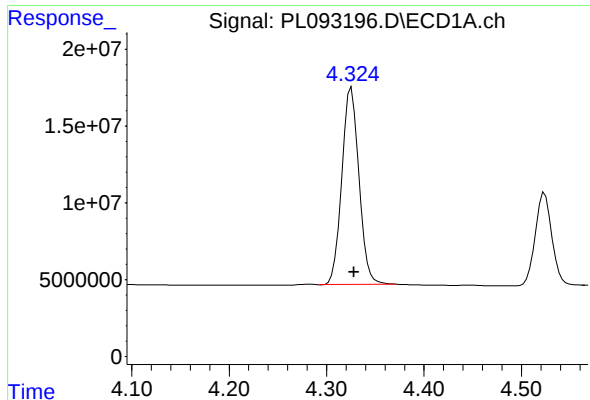
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: -0.003 min  
Response: 167275445  
Conc: 49.32 ng/ml



#2 alpha-BHC

R.T.: 3.277 min  
Delta R.T.: -0.004 min  
Response: 201314687  
Conc: 50.45 ng/ml



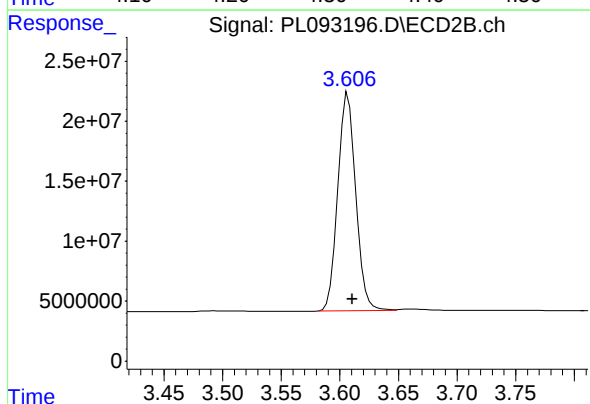
#3 gamma-BHC (Lindane)

R.T.: 4.326 min  
Delta R.T.: -0.003 min  
Response: 156732252  
Conc: 48.08 ng/ml

Instrument :  
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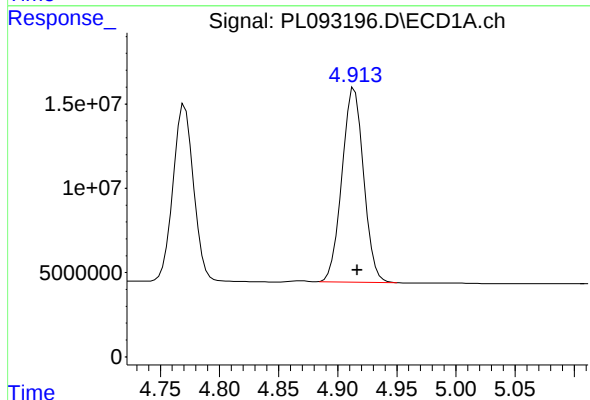
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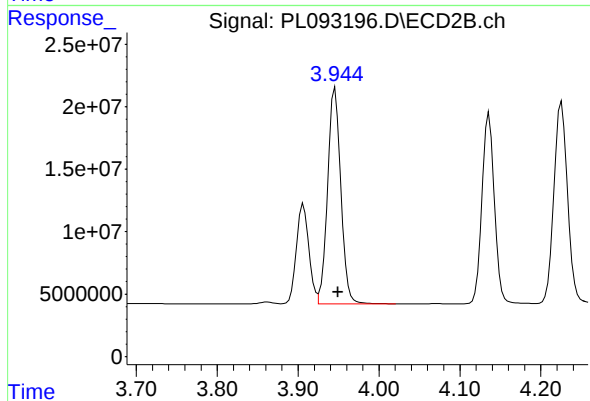
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: -0.004 min  
Response: 193319679  
Conc: 50.09 ng/ml



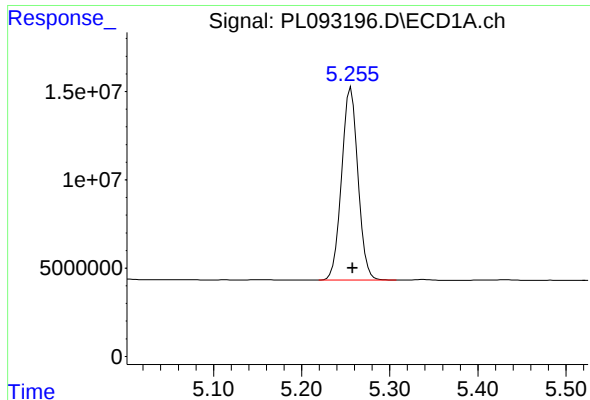
#4 Heptachlor

R.T.: 4.914 min  
Delta R.T.: -0.002 min  
Response: 146583836  
Conc: 48.81 ng/ml



#4 Heptachlor

R.T.: 3.946 min  
Delta R.T.: -0.004 min  
Response: 196298182  
Conc: 52.01 ng/ml



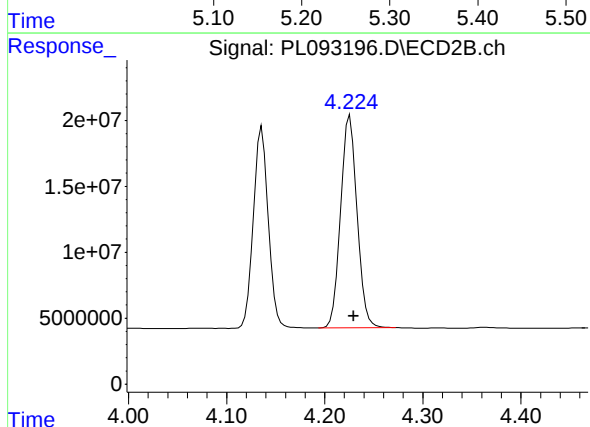
#5 Aldrin

R.T.: 5.255 min  
Delta R.T.: -0.003 min  
Response: 140741114  
Conc: 46.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165164BS

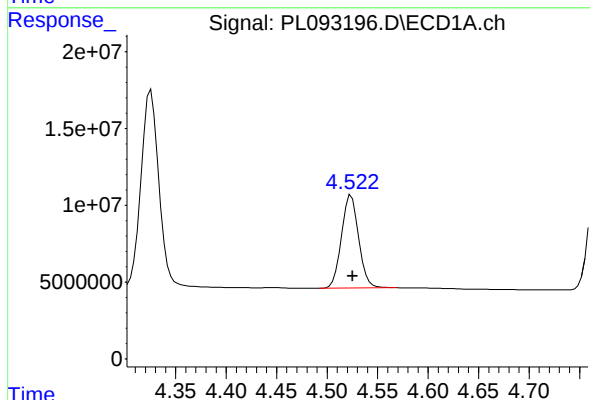
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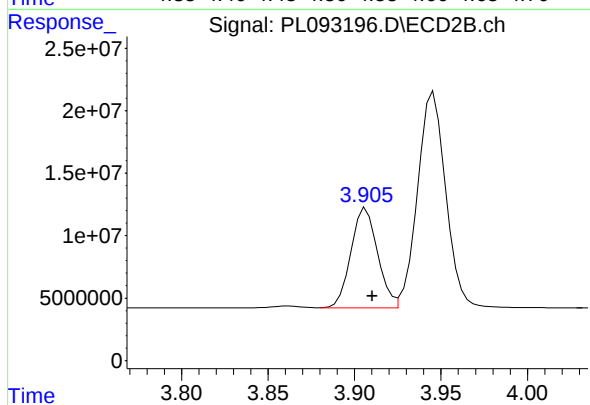
#5 Aldrin

R.T.: 4.226 min  
Delta R.T.: -0.004 min  
Response: 188596697  
Conc: 51.53 ng/ml



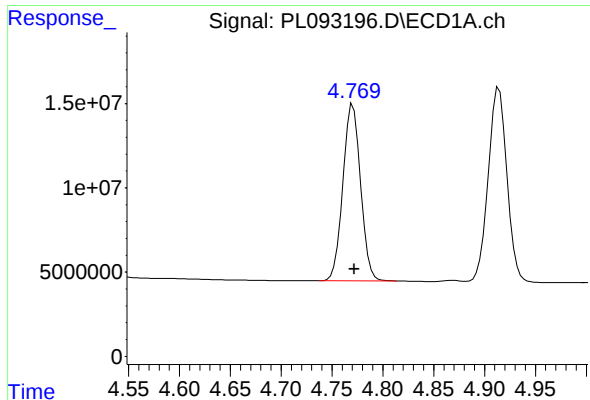
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: -0.001 min  
Response: 71956913  
Conc: 49.78 ng/ml



#6 beta-BHC

R.T.: 3.907 min  
Delta R.T.: -0.003 min  
Response: 85705144  
Conc: 52.06 ng/ml



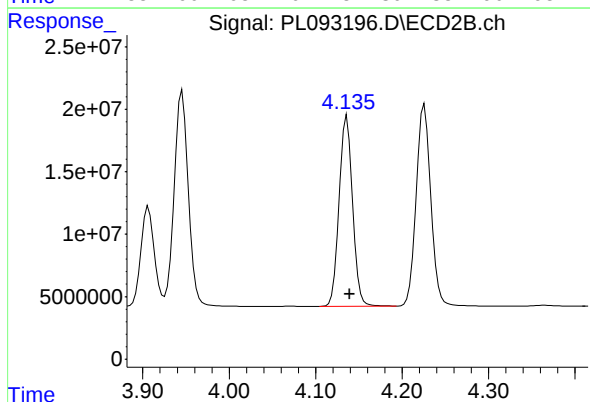
#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: -0.001 min  
Response: 126785631  
Conc: 40.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165164BS

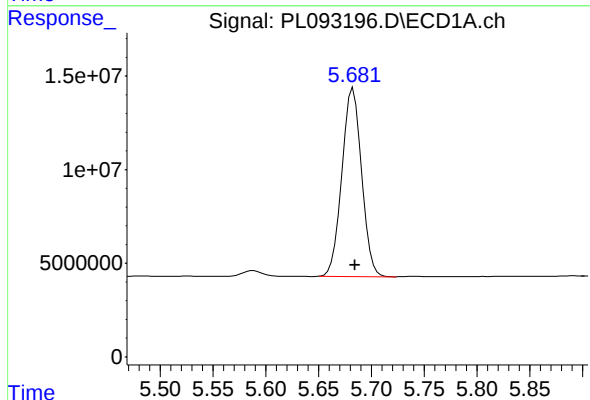
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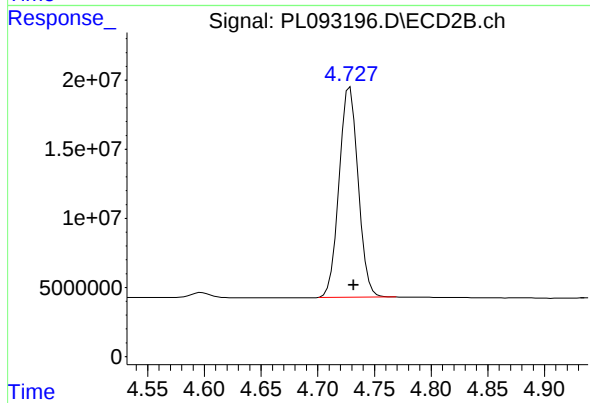
#7 delta-BHC

R.T.: 4.136 min  
Delta R.T.: -0.003 min  
Response: 161985917  
Conc: 42.15 ng/ml



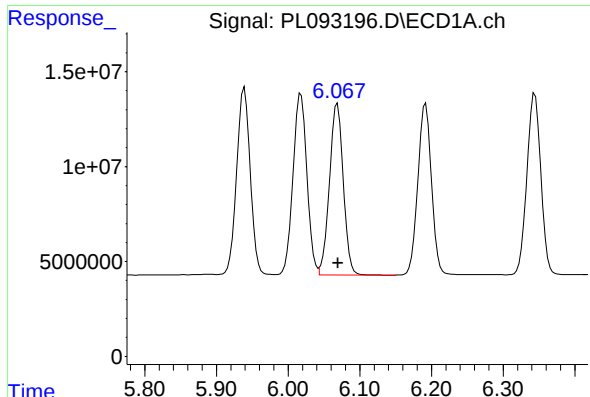
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: -0.002 min  
Response: 130555230  
Conc: 47.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min  
Delta R.T.: -0.003 min  
Response: 177445043  
Conc: 53.10 ng/ml



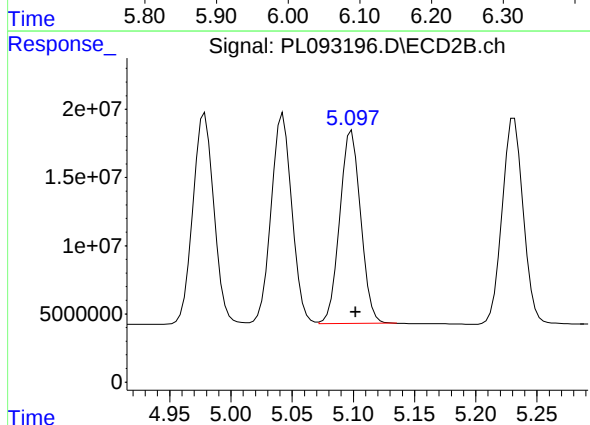
#9 Endosulfan I

R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 121218750  
Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165164BS

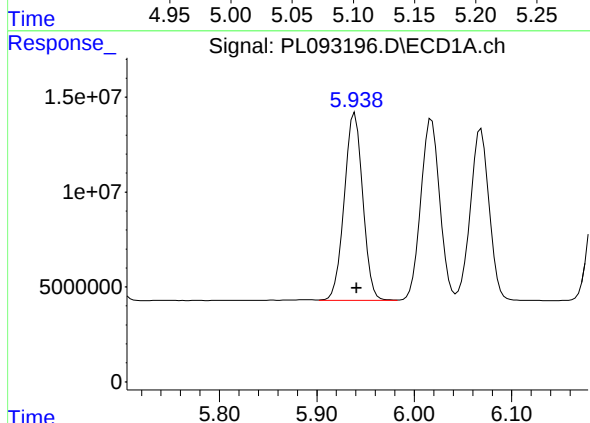
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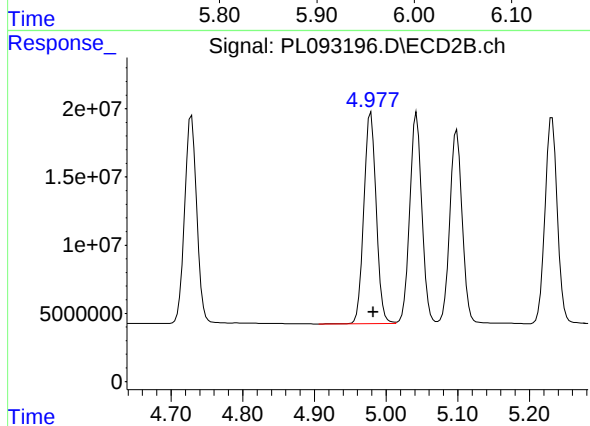
#9 Endosulfan I

R.T.: 5.099 min  
Delta R.T.: -0.003 min  
Response: 168326814  
Conc: 55.13 ng/ml



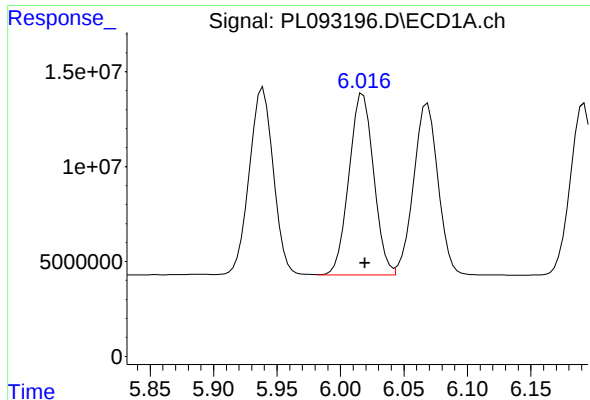
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 130110509  
Conc: 48.90 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min  
Delta R.T.: -0.003 min  
Response: 185258502  
Conc: 55.11 ng/ml



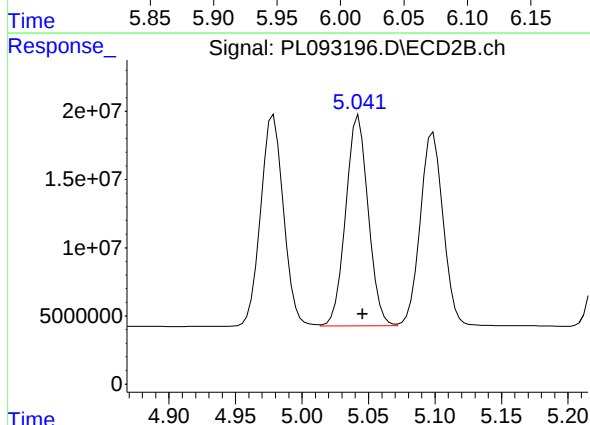
#11 alpha-Chlordane

R.T.: 6.018 min  
Delta R.T.: -0.001 min  
Response: 129343264  
Conc: 48.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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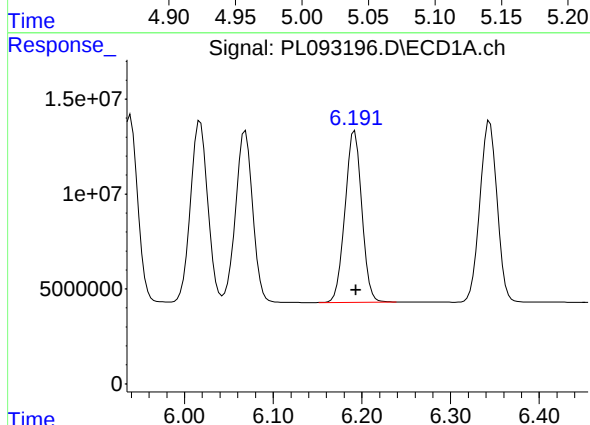
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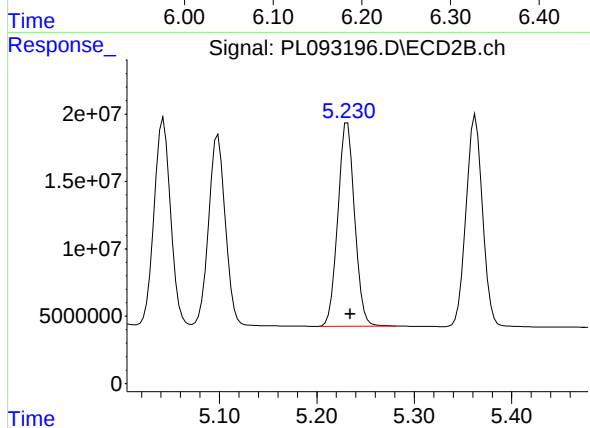
#11 alpha-Chlordane

R.T.: 5.043 min  
Delta R.T.: -0.003 min  
Response: 181719930  
Conc: 54.64 ng/ml



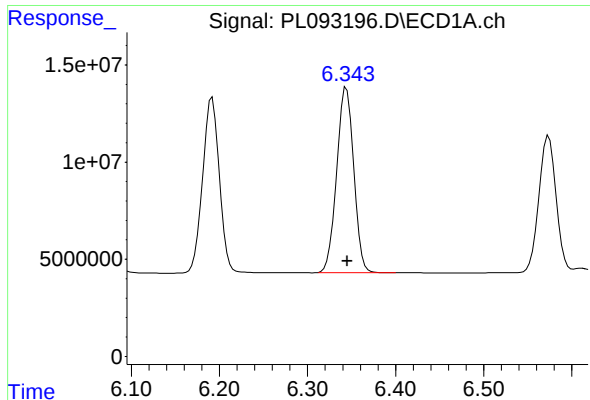
#12 4,4'-DDE

R.T.: 6.192 min  
Delta R.T.: -0.001 min  
Response: 118725461  
Conc: 50.11 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min  
Delta R.T.: -0.003 min  
Response: 181080559  
Conc: 56.21 ng/ml



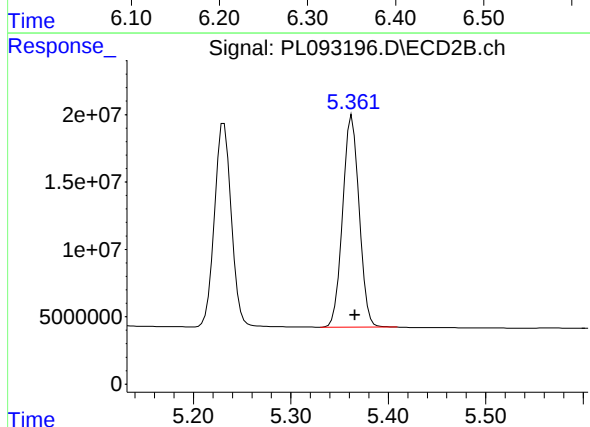
#13 Dieldrin

R.T.: 6.344 min  
Delta R.T.: 0.000 min  
Response: 128382677  
Conc: 48.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165164BS

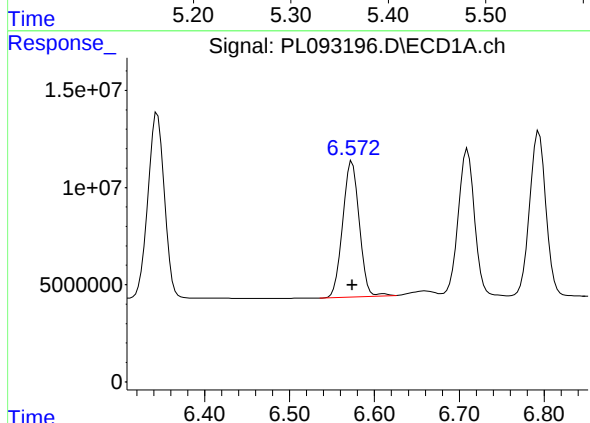
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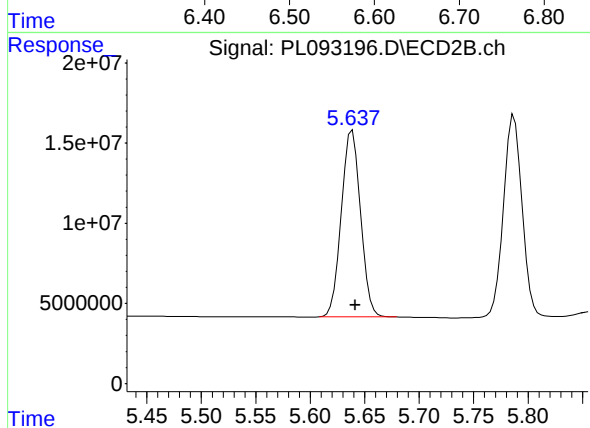
#13 Dieldrin

R.T.: 5.363 min  
Delta R.T.: -0.003 min  
Response: 184708770  
Conc: 55.30 ng/ml



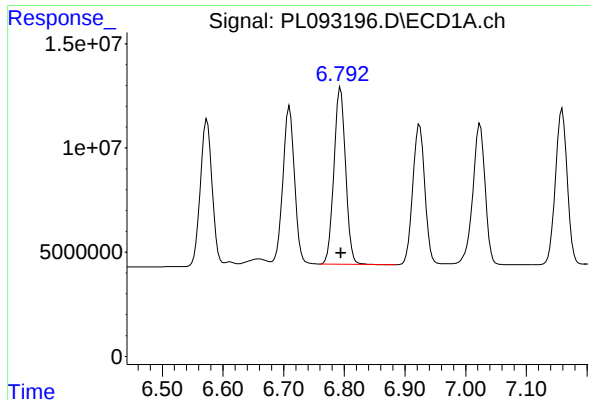
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.000 min  
Response: 95140246  
Conc: 41.79 ng/ml



#14 Endrin

R.T.: 5.639 min  
Delta R.T.: -0.003 min  
Response: 142674627  
Conc: 49.32 ng/ml



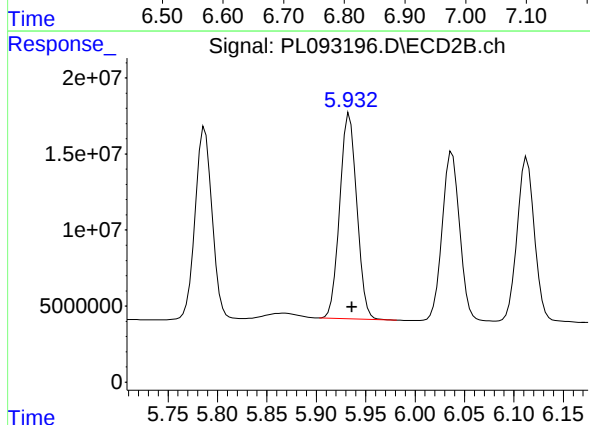
#15 Endosulfan II

R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 113041218  
Conc: 47.42 ng/ml

Instrument :  
ECD\_L  
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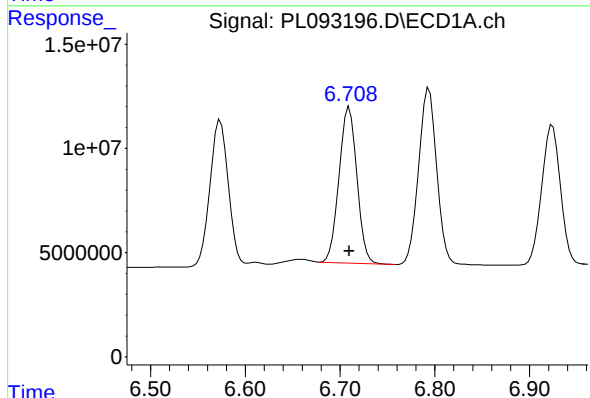
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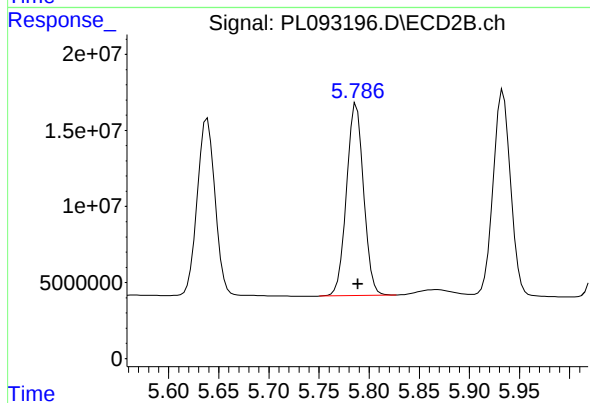
#15 Endosulfan II

R.T.: 5.934 min  
Delta R.T.: -0.002 min  
Response: 162018580  
Conc: 57.18 ng/ml



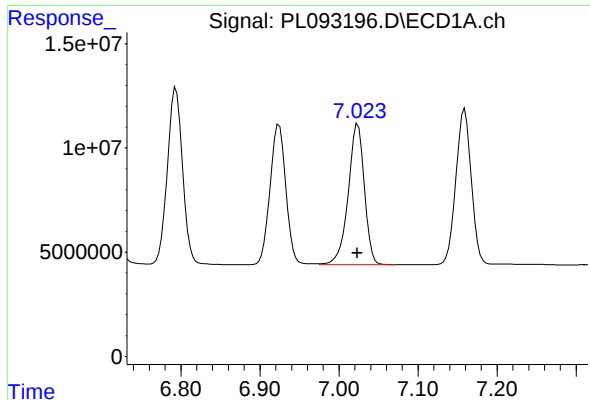
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.000 min  
Response: 97876341  
Conc: 50.99 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min  
Delta R.T.: -0.002 min  
Response: 149658050  
Conc: 60.10 ng/ml



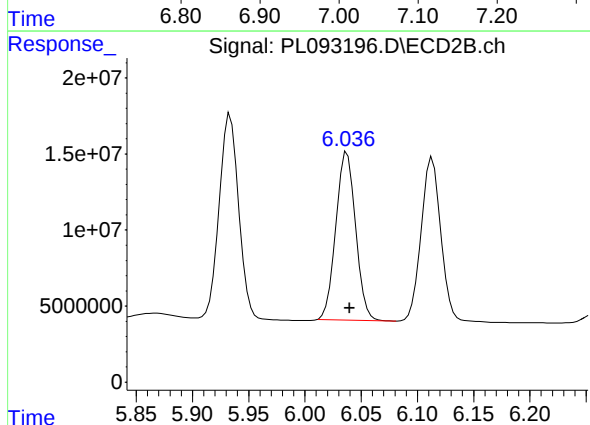
#17 4,4'-DDT

R.T.: 7.024 min  
Delta R.T.: 0.001 min  
Response: 95634392  
Conc: 46.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165164BS

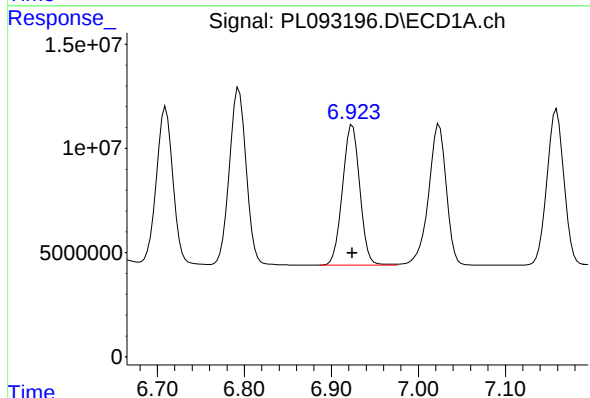
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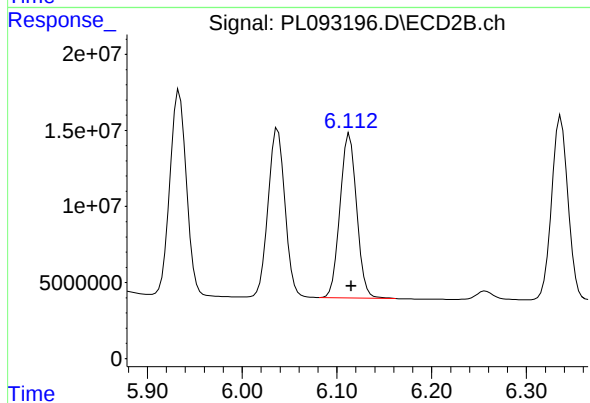
#17 4,4'-DDT

R.T.: 6.037 min  
Delta R.T.: -0.002 min  
Response: 135011074  
Conc: 50.33 ng/ml



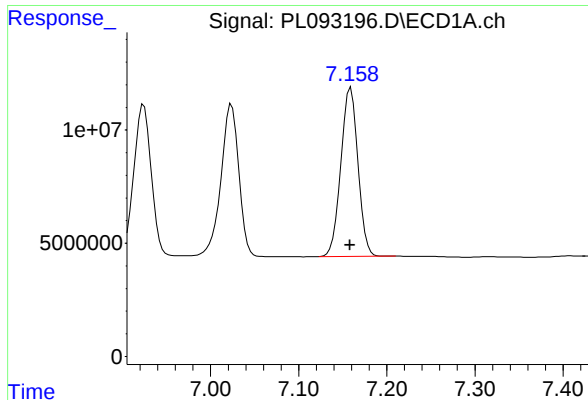
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 93811467  
Conc: 49.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min  
Delta R.T.: -0.002 min  
Response: 131245821  
Conc: 56.88 ng/ml



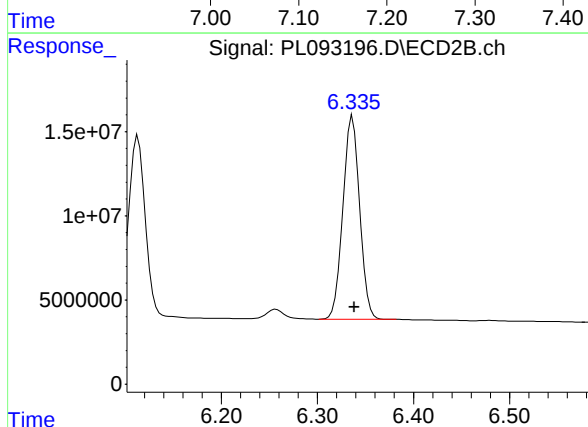
#19 Endosulfan Sulfate

R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 100766445  
Conc: 46.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165164BS

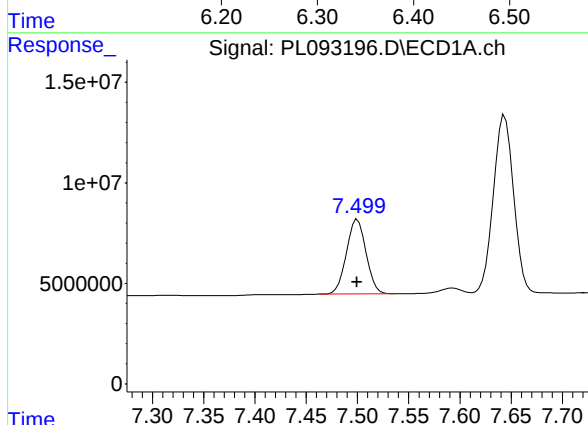
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Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :Ankita Jodhani 11/22/2024



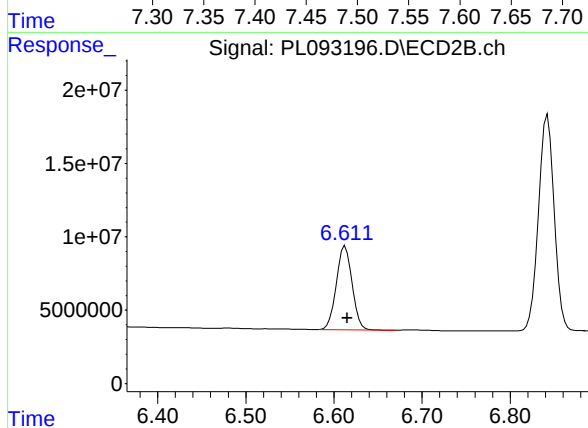
#19 Endosulfan Sulfate

R.T.: 6.337 min  
Delta R.T.: -0.002 min  
Response: 144872934  
Conc: 53.72 ng/ml



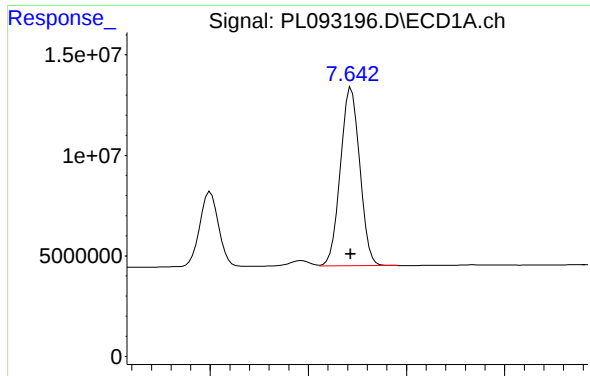
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.000 min  
Response: 49326996  
Conc: 43.27 ng/ml



#20 Methoxychlor

R.T.: 6.613 min  
Delta R.T.: -0.002 min  
Response: 71054973  
Conc: 49.76 ng/ml



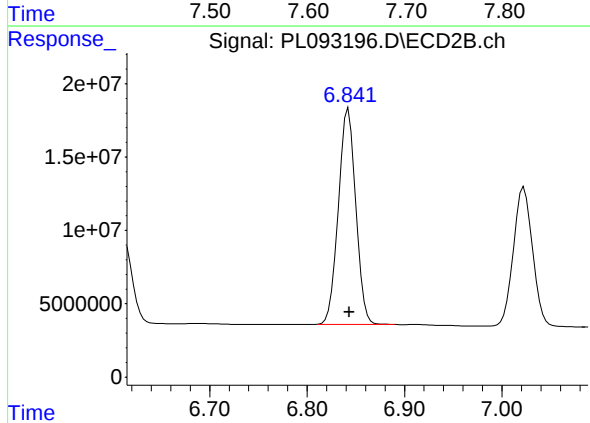
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 121769215  
Conc: 50.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165164BS

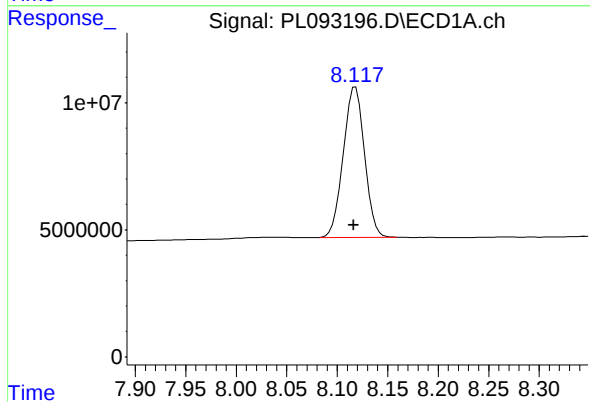
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/22/2024  
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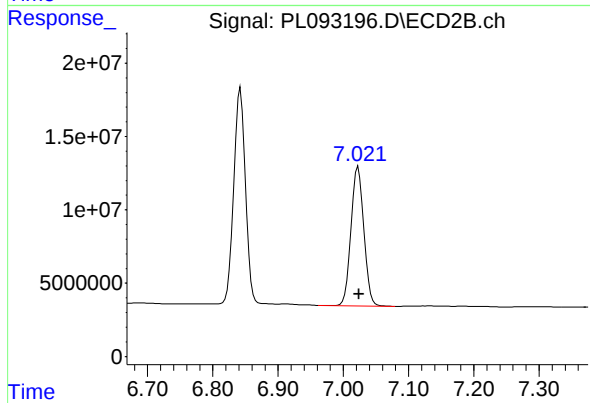
#21 Endrin ketone

R.T.: 6.842 min  
Delta R.T.: -0.001 min  
Response: 182546271  
Conc: 59.48 ng/ml



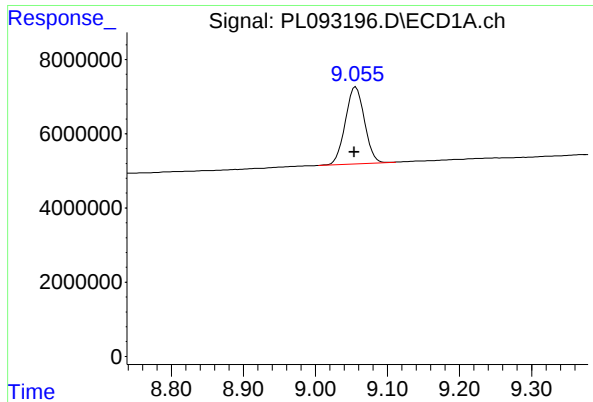
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.002 min  
Response: 86775468  
Conc: 43.79 ng/ml



#22 Mirex

R.T.: 7.023 min  
Delta R.T.: -0.002 min  
Response: 129710975  
Conc: 49.72 ng/ml



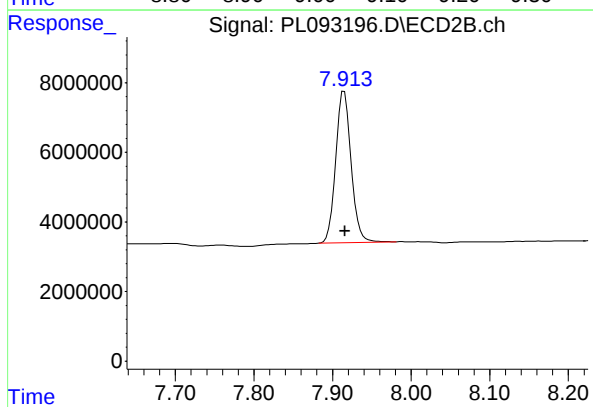
#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: 0.002 min  
Response: 38265125  
Conc: 19.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165164BS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.915 min  
Delta R.T.: -0.001 min  
Response: 59341842  
Conc: 21.74 ng/ml