

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053123\  
 Data File : PL083117.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 May 2023 14:31  
 Operator : AR\AJ  
 Sample : 02972-04MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-12-0AMSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/01/2023  
 Supervised By :Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 01 05:07:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 2023  
 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...          | 3.316 | 2.636 | 57143964 | 49343661 | 19.443  | 19.007  |
| 28) SA Decachlor...         | 8.731 | 7.738 | 41396734 | 47538700 | 19.738  | 19.118  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.765 | 3.132 | 187.3E6  | 152.1E6  | 42.202  | 40.768  |
| 3) MA gamma-BHC...          | 4.093 | 3.458 | 184.5E6  | 148.3E6  | 44.523  | 44.478  |
| 4) MA Heptachlor            | 4.670 | 3.789 | 165.2E6  | 147.3E6  | 43.224  | 40.238  |
| 5) MB Aldrin                | 5.006 | 4.065 | 163.3E6  | 140.5E6  | 46.411  | 43.194  |
| 6) B beta-BHC               | 4.296 | 3.759 | 78055759 | 60006771 | 41.459  | 41.960  |
| 7) B delta-BHC              | 4.537 | 3.984 | 177.2E6  | 140.9E6  | 51.517  | 42.996  |
| 8) B Heptachlo...           | 5.432 | 4.566 | 148.0E6  | 130.5E6  | 46.273  | 43.965  |
| 9) A Endosulfan I           | 5.813 | 4.932 | 135.0E6  | 120.4E6  | 45.000  | 43.073  |
| 10) B gamma-Chl...          | 5.687 | 4.814 | 146.8E6  | 128.7E6  | 46.201  | 42.858  |
| 11) B alpha-Chl...          | 5.764 | 4.876 | 145.6E6  | 130.5E6  | 45.358  | 43.457  |
| 12) B 4,4'-DDE              | 5.943 | 5.066 | 128.3E6  | 110.6E6  | 46.551  | 45.555m |
| 13) MA Dieldrin             | 6.087 | 5.195 | 141.3E6  | 127.8E6  | 46.980  | 45.256m |
| 14) MA Endrin               | 6.314 | 5.470 | 120.8E6  | 110.9E6  | 44.956  | 43.721  |
| 15) B Endosulfa...          | 6.537 | 5.767 | 117.1E6  | 112.7E6  | 43.730  | 45.538  |
| 16) A 4,4'-DDD              | 6.459 | 5.621 | 106.1E6  | 91466524 | 48.821  | 47.559  |
| 17) MA 4,4'-DDT             | 6.770 | 5.869 | 104.8E6  | 94972629 | 41.866  | 42.569  |
| 18) B Endrin al...          | 6.666 | 5.946 | 97253980 | 92076008 | 48.369m | 46.563  |
| 19) B Endosulfa...          | 6.901 | 6.169 | 119.4E6  | 109.5E6  | 46.557  | 44.720  |
| 20) A Methoxychlor          | 7.251 | 6.448 | 60602456 | 56316768 | 45.828  | 44.283  |
| 21) B Endrin ke...          | 7.381 | 6.672 | 125.7E6  | 127.6E6  | 49.288  | 47.190  |
| 22) Mirex                   | 7.845 | 6.843 | 96040605 | 104.6E6  | 45.820  | 44.690  |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053123\  
 Data File : PL083117.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 May 2023 14:31  
 Operator : AR\AJ  
 Sample : 02972-04MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

TP-12-0AMSD

## Manual Integrations

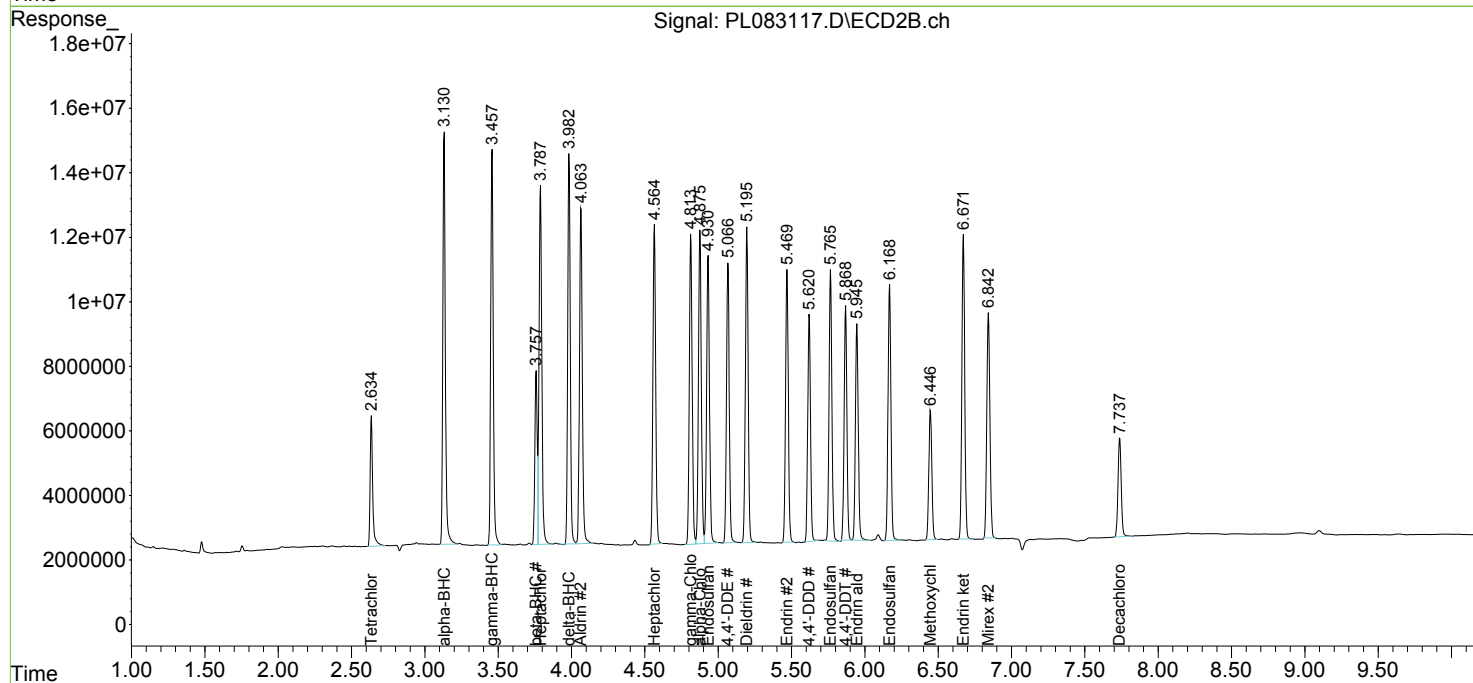
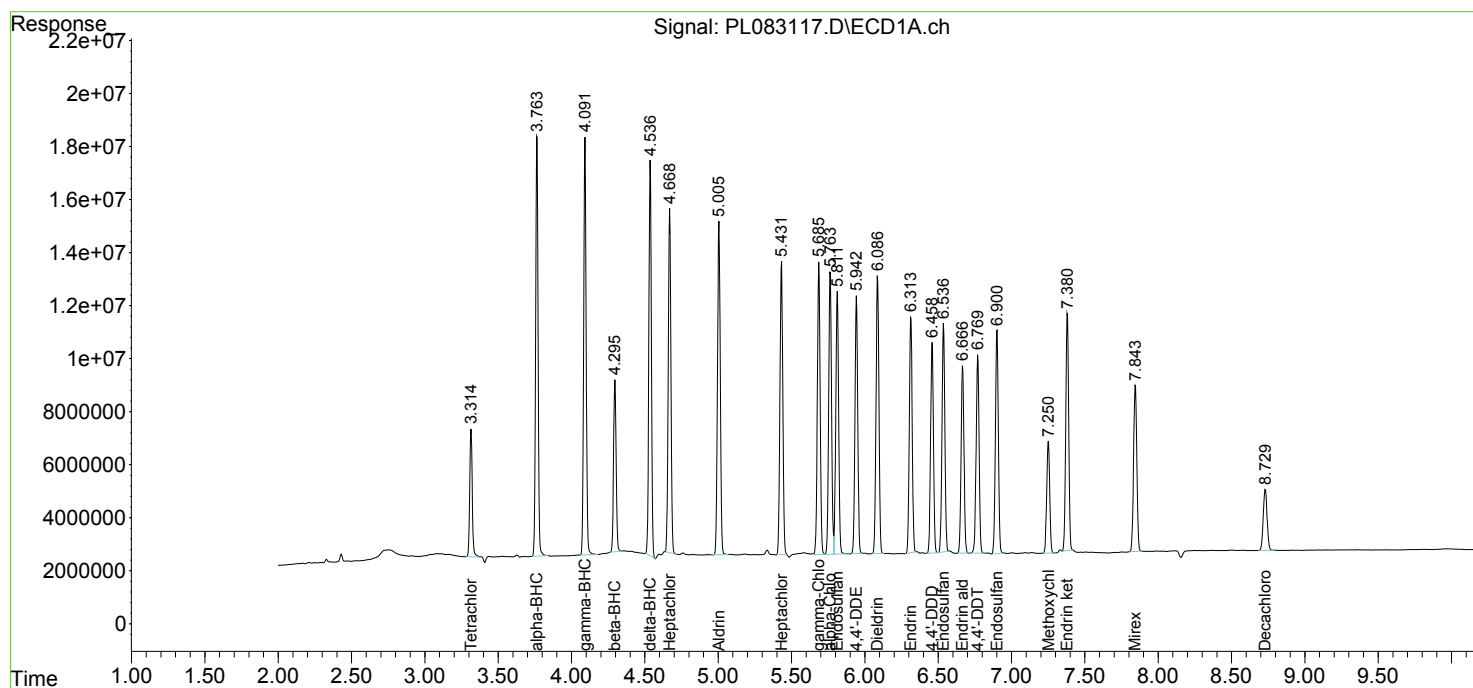
## APPROVED

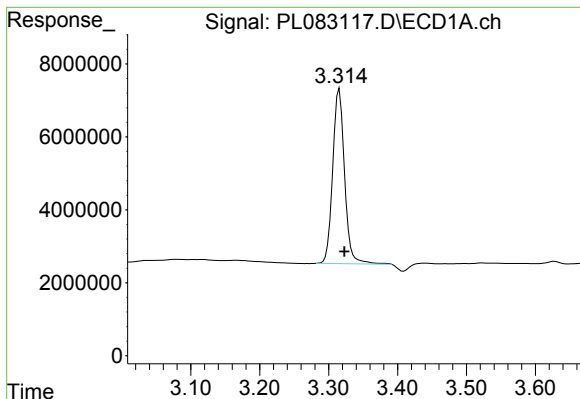
Reviewed By :Abdul Mirza 06/01/2023

Supervised By :Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 01 05:07:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 2023  
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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





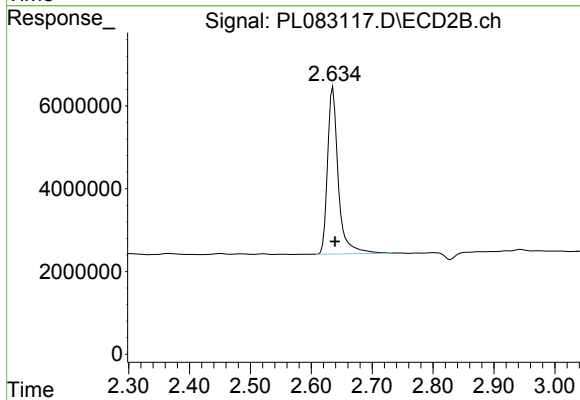
#1 Tetrachloro-m-xylene

R.T.: 3.316 min  
Delta R.T.: -0.007 min  
Response: 57143964  
Conc: 19.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-12-0AMSD

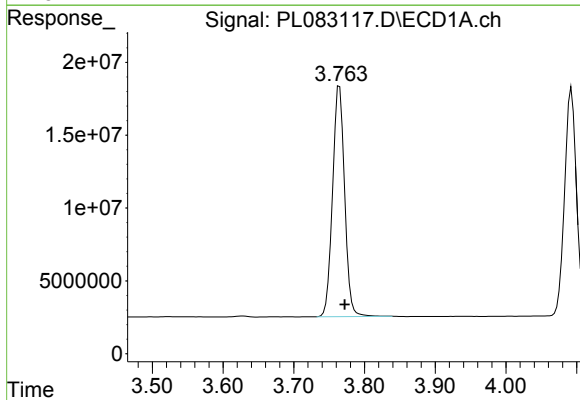
Manual Integrations  
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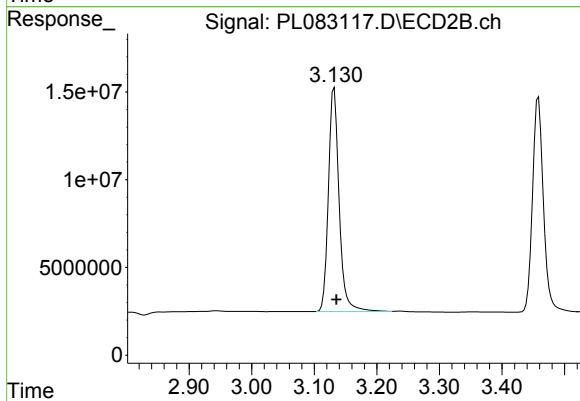
#1 Tetrachloro-m-xylene

R.T.: 2.636 min  
Delta R.T.: -0.003 min  
Response: 49343661  
Conc: 19.01 ng/ml



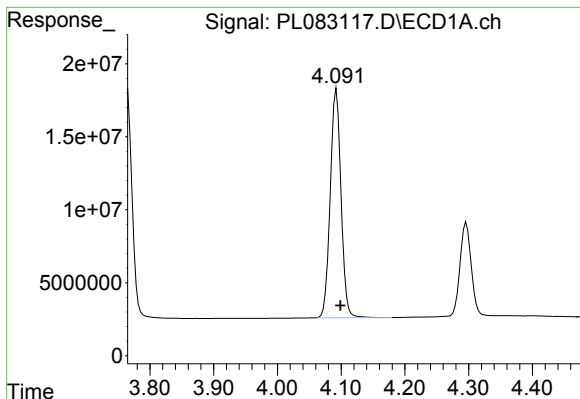
#2 alpha-BHC

R.T.: 3.765 min  
Delta R.T.: -0.007 min  
Response: 187346057  
Conc: 42.20 ng/ml



#2 alpha-BHC

R.T.: 3.132 min  
Delta R.T.: -0.003 min  
Response: 152124875  
Conc: 40.77 ng/ml



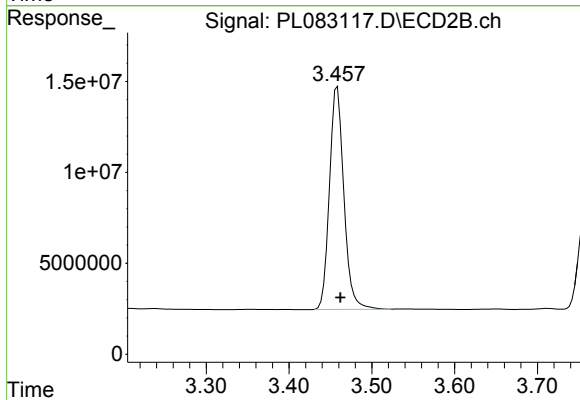
#3 gamma-BHC (Lindane)

R.T.: 4.093 min  
Delta R.T.: -0.006 min  
Response: 184453280  
Conc: 44.52 ng/ml

Instrument :  
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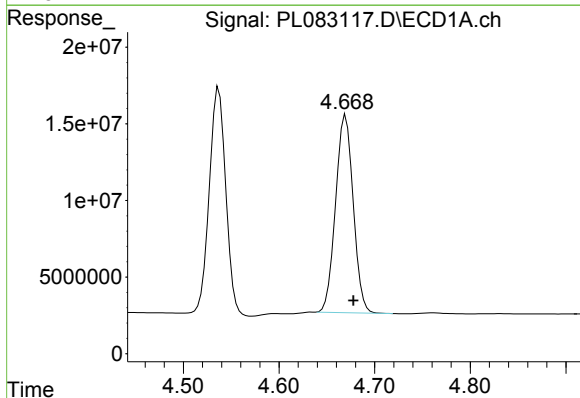
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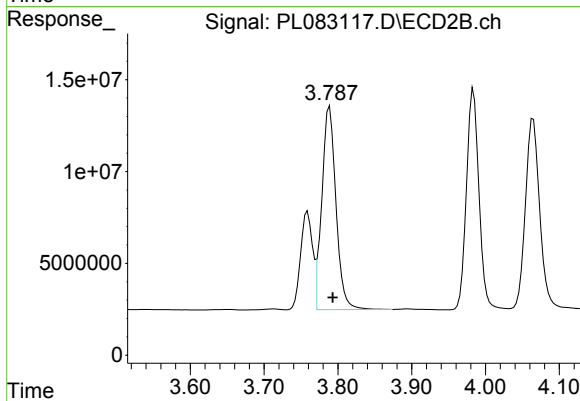
#3 gamma-BHC (Lindane)

R.T.: 3.458 min  
Delta R.T.: -0.004 min  
Response: 148258556  
Conc: 44.48 ng/ml



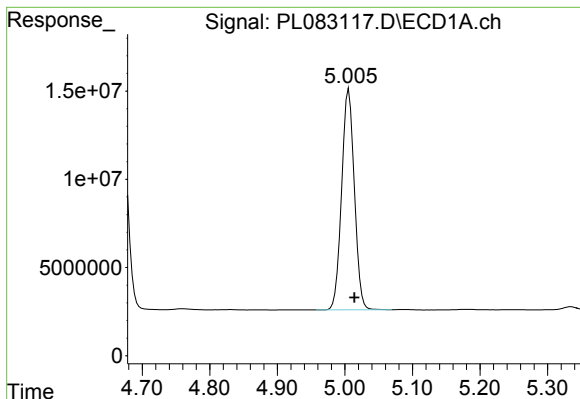
#4 Heptachlor

R.T.: 4.670 min  
Delta R.T.: -0.008 min  
Response: 165220520  
Conc: 43.22 ng/ml



#4 Heptachlor

R.T.: 3.789 min  
Delta R.T.: -0.004 min  
Response: 147316250  
Conc: 40.24 ng/ml



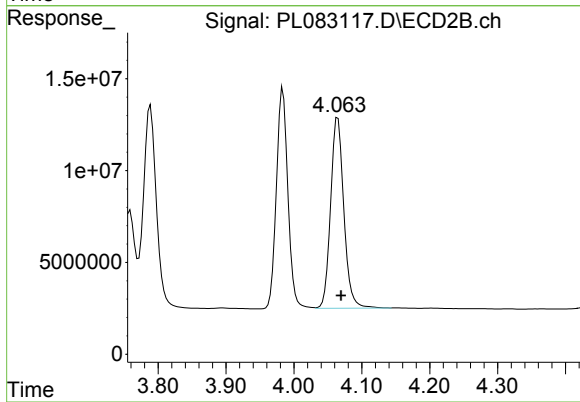
#5 Aldrin

R.T.: 5.006 min  
Delta R.T.: -0.008 min  
Response: 163281138  
Conc: 46.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-12-0AMSD

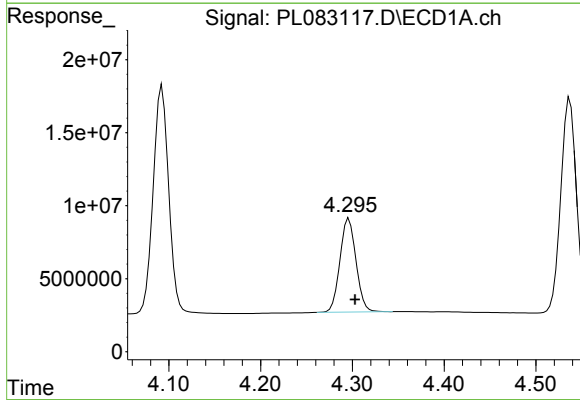
Manual Integrations  
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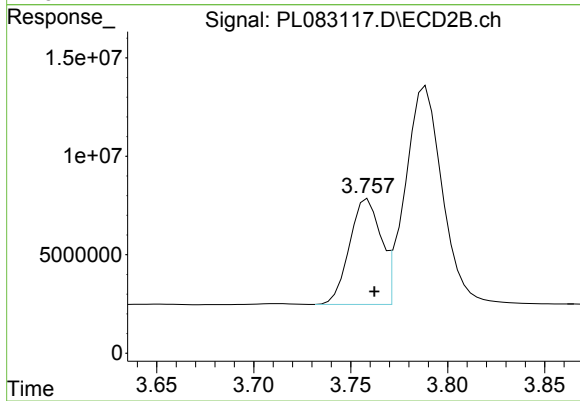
#5 Aldrin

R.T.: 4.065 min  
Delta R.T.: -0.005 min  
Response: 140538443  
Conc: 43.19 ng/ml



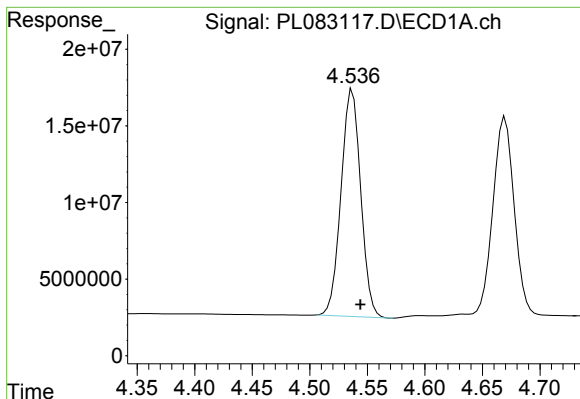
#6 beta-BHC

R.T.: 4.296 min  
Delta R.T.: -0.007 min  
Response: 78055759  
Conc: 41.46 ng/ml



#6 beta-BHC

R.T.: 3.759 min  
Delta R.T.: -0.003 min  
Response: 60006771  
Conc: 41.96 ng/ml



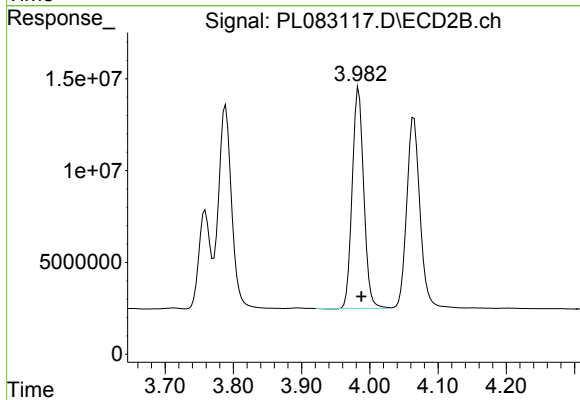
#7 delta-BHC

R.T.: 4.537 min  
Delta R.T.: -0.007 min  
Response: 177162255  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-12-0AMSD

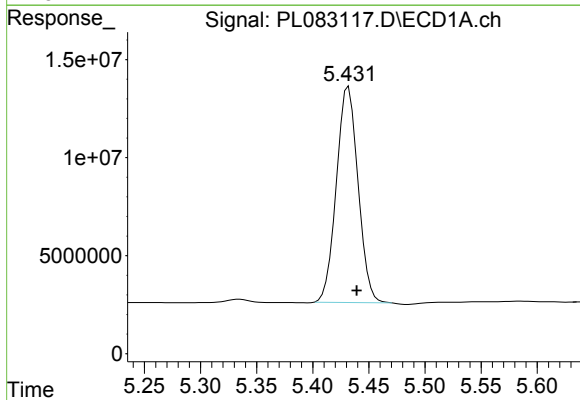
Manual Integrations  
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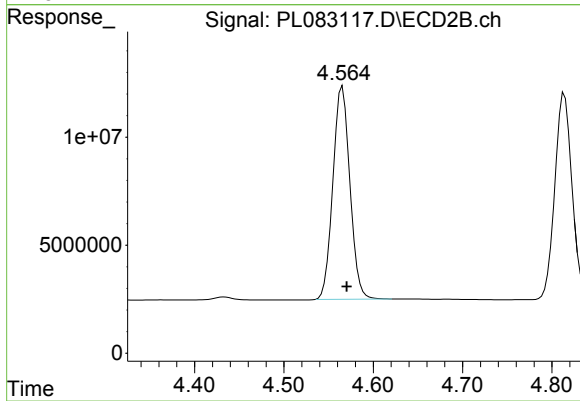
#7 delta-BHC

R.T.: 3.984 min  
Delta R.T.: -0.004 min  
Response: 140875386  
Conc: 43.00 ng/ml



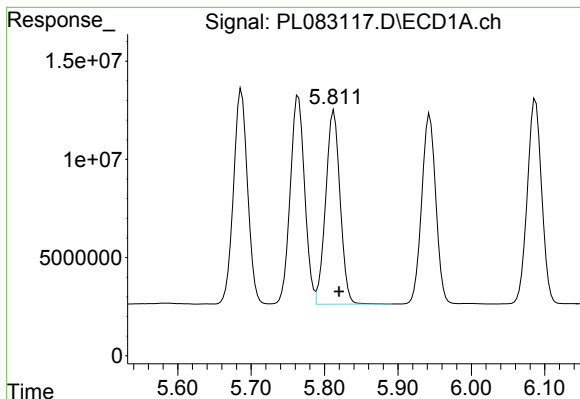
#8 Heptachlor epoxide

R.T.: 5.432 min  
Delta R.T.: -0.007 min  
Response: 148013416  
Conc: 46.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min  
Delta R.T.: -0.005 min  
Response: 130482569  
Conc: 43.96 ng/ml



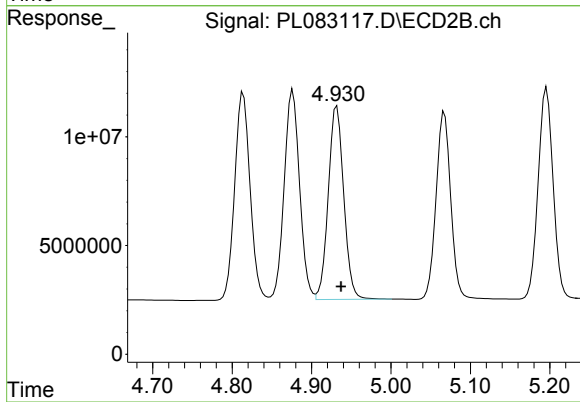
#9 Endosulfan I

R.T.: 5.813 min  
Delta R.T.: -0.007 min  
Response: 135026590  
Conc: 45.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-12-0AMSD

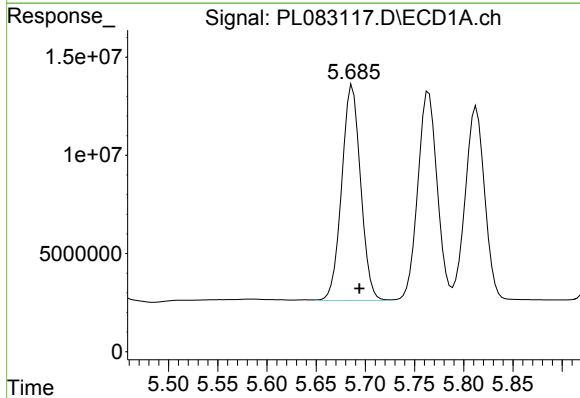
Manual Integrations  
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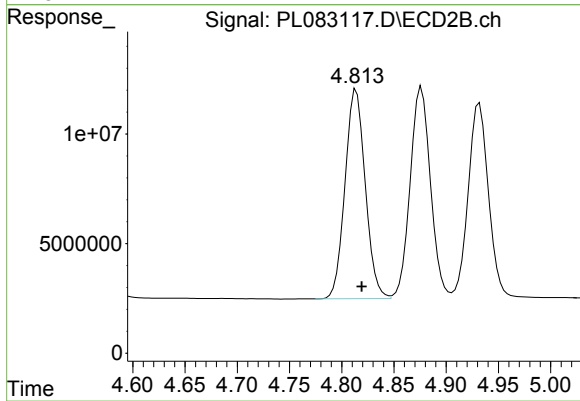
#9 Endosulfan I

R.T.: 4.932 min  
Delta R.T.: -0.005 min  
Response: 120360984  
Conc: 43.07 ng/ml



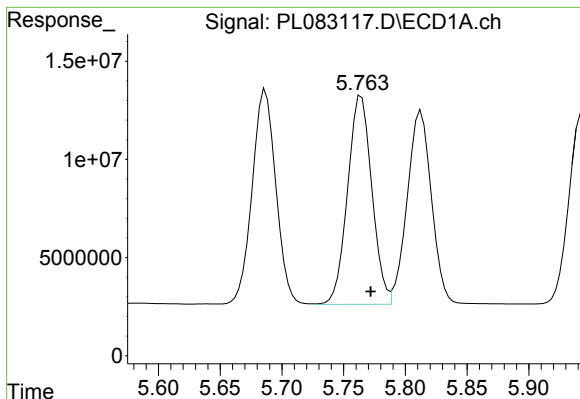
#10 gamma-Chlordane

R.T.: 5.687 min  
Delta R.T.: -0.007 min  
Response: 146778098  
Conc: 46.20 ng/ml



#10 gamma-Chlordane

R.T.: 4.814 min  
Delta R.T.: -0.005 min  
Response: 128720507  
Conc: 42.86 ng/ml



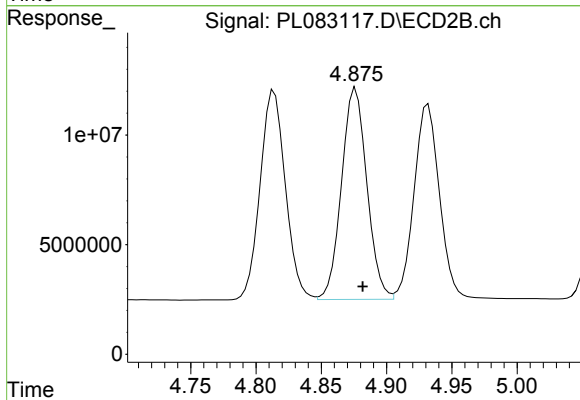
#11 alpha-Chlordane

R.T.: 5.764 min  
Delta R.T.: -0.008 min  
Response: 145567244  
Conc: 45.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-12-0AMSD

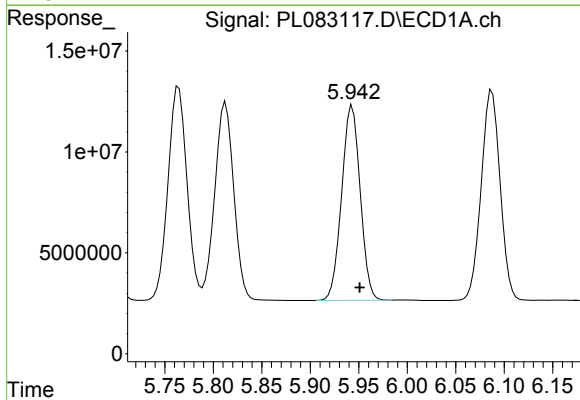
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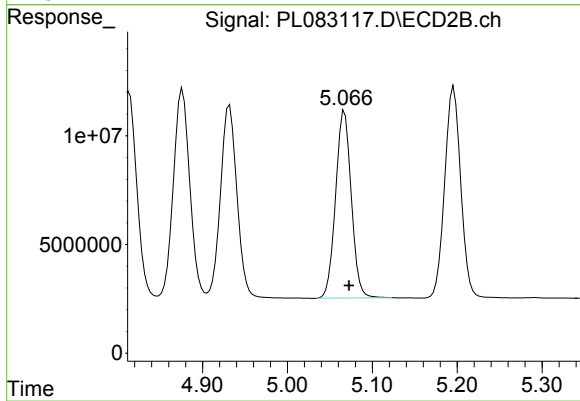
#11 alpha-Chlordane

R.T.: 4.876 min  
Delta R.T.: -0.005 min  
Response: 130456334  
Conc: 43.46 ng/ml



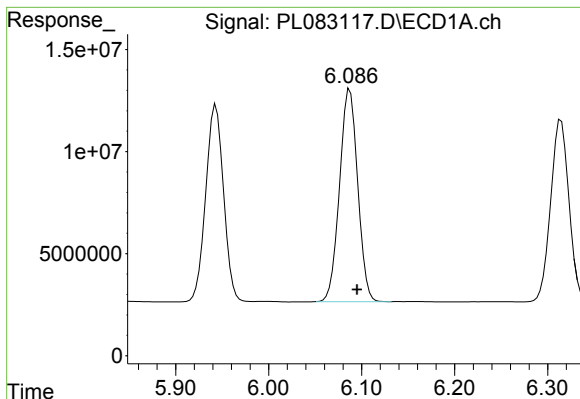
#12 4,4'-DDE

R.T.: 5.943 min  
Delta R.T.: -0.008 min  
Response: 128317957  
Conc: 46.55 ng/ml



#12 4,4'-DDE

R.T.: 5.066 min  
Delta R.T.: -0.007 min  
Response: 110643088  
Conc: 45.56 ng/ml m



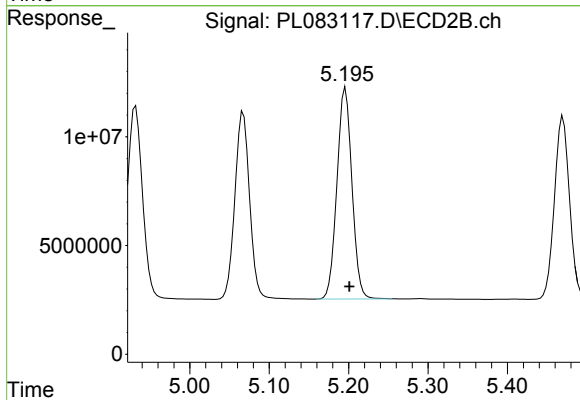
#13 Dieldrin

R.T.: 6.087 min  
Delta R.T.: -0.008 min  
Response: 141309274  
Conc: 46.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-12-0AMSD

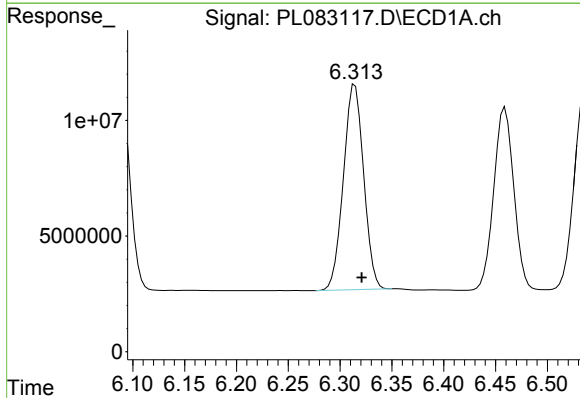
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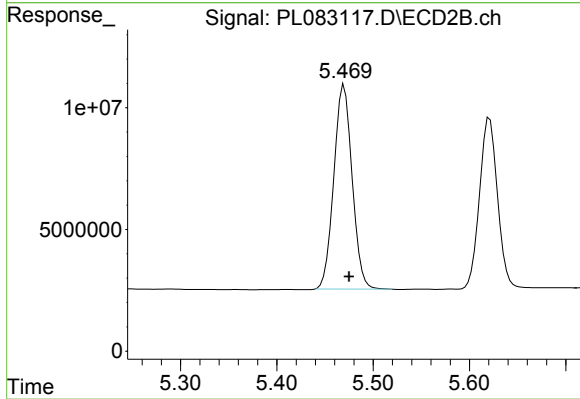
#13 Dieldrin

R.T.: 5.195 min  
Delta R.T.: -0.007 min  
Response: 127755296  
Conc: 45.26 ng/ml m



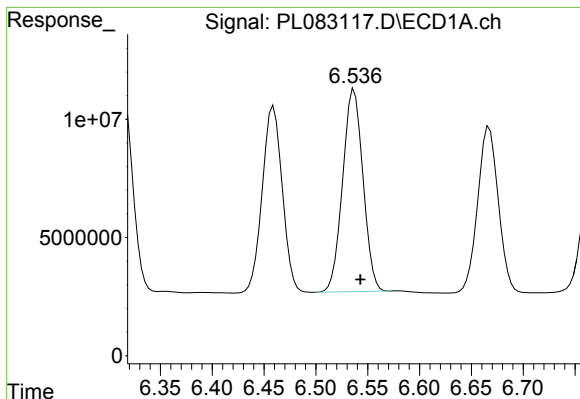
#14 Endrin

R.T.: 6.314 min  
Delta R.T.: -0.007 min  
Response: 120808657  
Conc: 44.96 ng/ml



#14 Endrin

R.T.: 5.470 min  
Delta R.T.: -0.005 min  
Response: 110917149  
Conc: 43.72 ng/ml



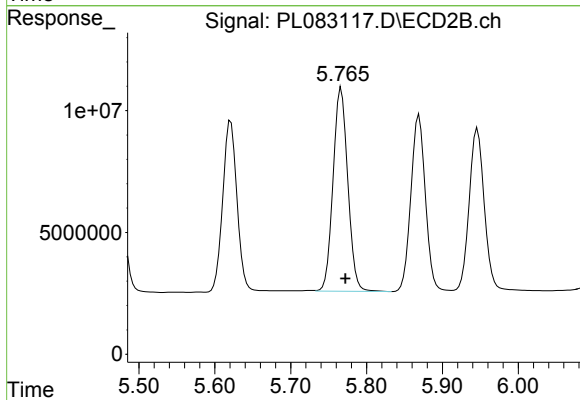
#15 Endosulfan II

R.T.: 6.537 min  
Delta R.T.: -0.006 min  
Response: 117051975  
Conc: 43.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-12-0AMSD

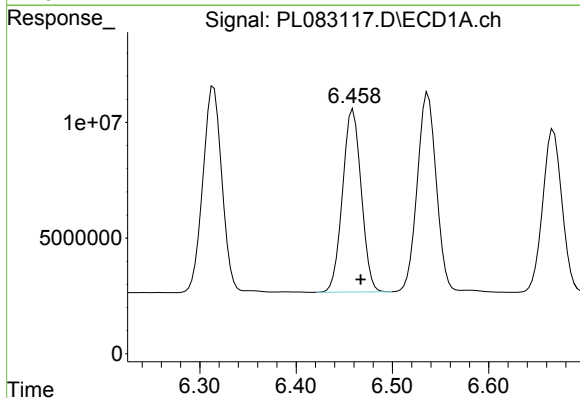
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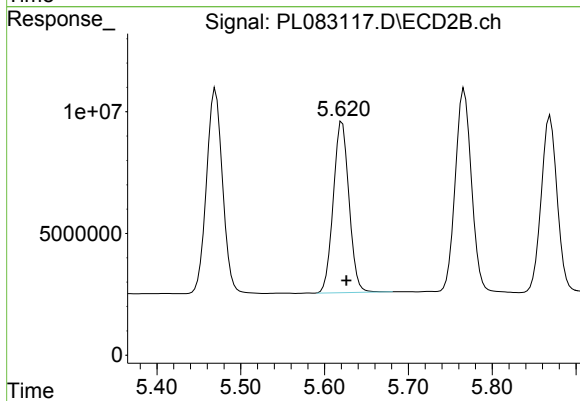
#15 Endosulfan II

R.T.: 5.767 min  
Delta R.T.: -0.005 min  
Response: 112670649  
Conc: 45.54 ng/ml



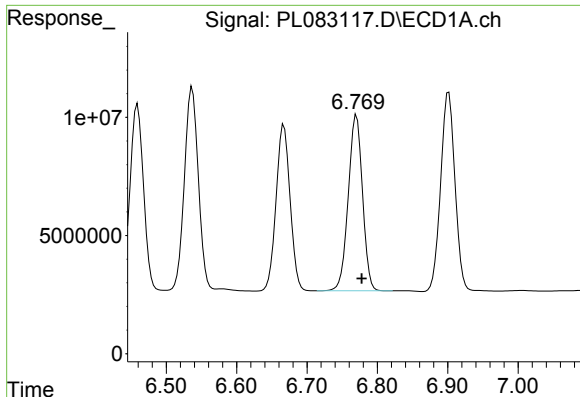
#16 4,4'-DDD

R.T.: 6.459 min  
Delta R.T.: -0.008 min  
Response: 106091577  
Conc: 48.82 ng/ml



#16 4,4'-DDD

R.T.: 5.621 min  
Delta R.T.: -0.005 min  
Response: 91466524  
Conc: 47.56 ng/ml



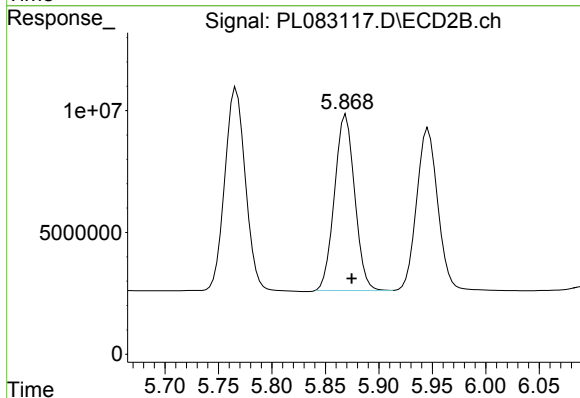
#17 4,4'-DDT

R.T.: 6.770 min  
Delta R.T.: -0.008 min  
Response: 104798135  
Conc: 41.87 ng/ml

Instrument :  
ECD\_L  
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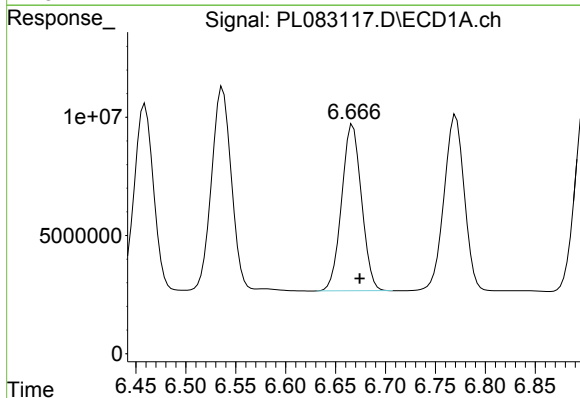
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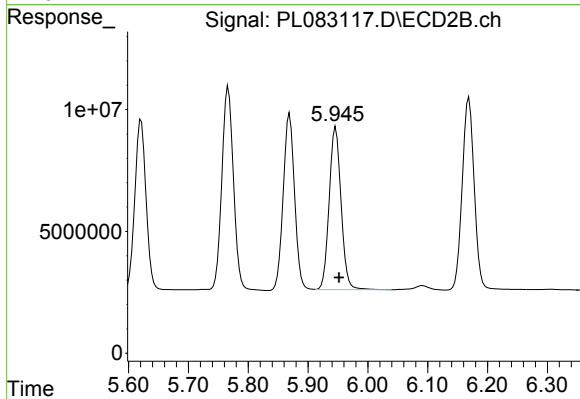
#17 4,4'-DDT

R.T.: 5.869 min  
Delta R.T.: -0.005 min  
Response: 94972629  
Conc: 42.57 ng/ml



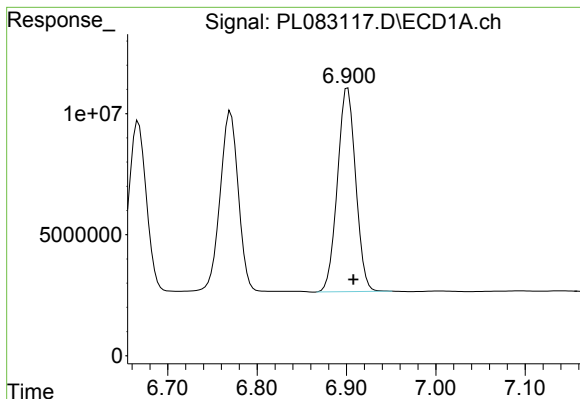
#18 Endrin aldehyde

R.T.: 6.666 min  
Delta R.T.: -0.008 min  
Response: 97253980  
Conc: 48.37 ng/ml m



#18 Endrin aldehyde

R.T.: 5.946 min  
Delta R.T.: -0.005 min  
Response: 92076008  
Conc: 46.56 ng/ml



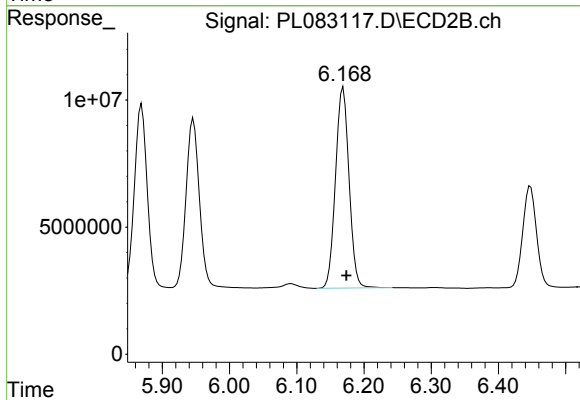
#19 Endosulfan Sulfate

R.T.: 6.901 min  
Delta R.T.: -0.007 min  
Response: 119359420  
Conc: 46.56 ng/ml

Instrument :  
ECD\_L  
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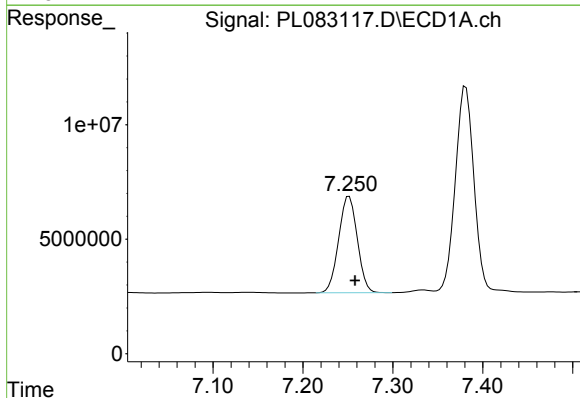
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Reviewed By :Abdul Mirza 06/01/2023  
Supervised By :Ankita Jodhani 06/01/2023



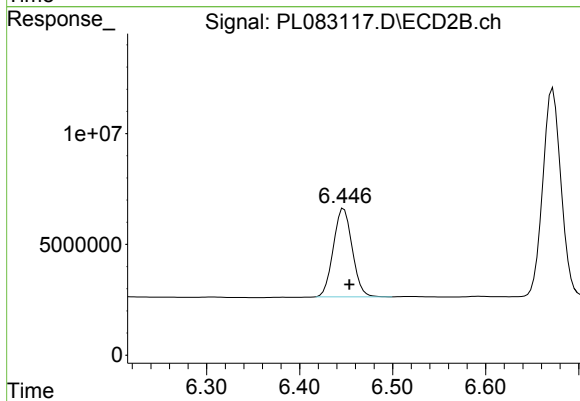
#19 Endosulfan Sulfate

R.T.: 6.169 min  
Delta R.T.: -0.005 min  
Response: 109518928  
Conc: 44.72 ng/ml



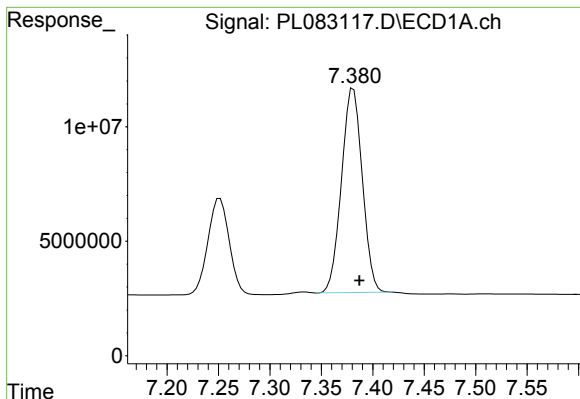
#20 Methoxychlor

R.T.: 7.251 min  
Delta R.T.: -0.007 min  
Response: 60602456  
Conc: 45.83 ng/ml



#20 Methoxychlor

R.T.: 6.448 min  
Delta R.T.: -0.006 min  
Response: 56316768  
Conc: 44.28 ng/ml



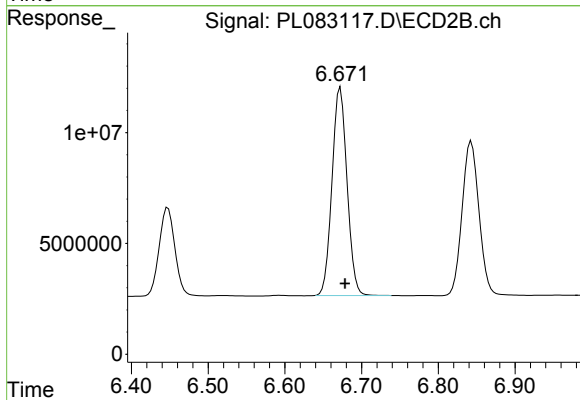
#21 Endrin ketone

R.T.: 7.381 min  
Delta R.T.: -0.006 min  
Response: 125723861  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-12-0AMSD

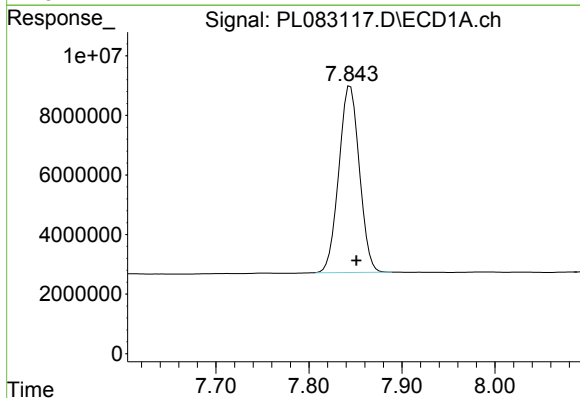
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/01/2023  
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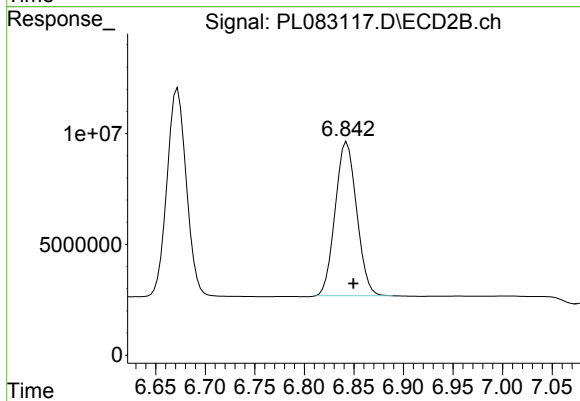
#21 Endrin ketone

R.T.: 6.672 min  
Delta R.T.: -0.006 min  
Response: 127595236  
Conc: 47.19 ng/ml



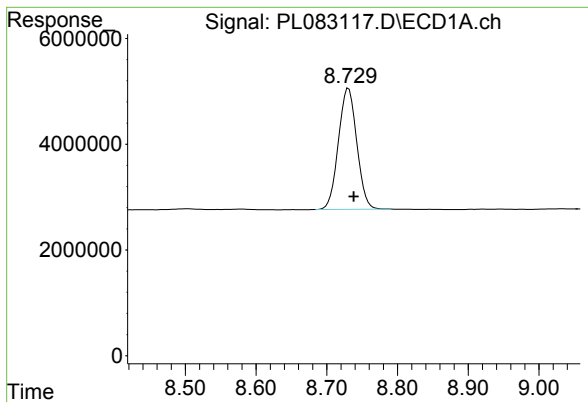
#22 Mirex

R.T.: 7.845 min  
Delta R.T.: -0.006 min  
Response: 96040605  
Conc: 45.82 ng/ml



#22 Mirex

R.T.: 6.843 min  
Delta R.T.: -0.006 min  
Response: 104566574  
Conc: 44.69 ng/ml



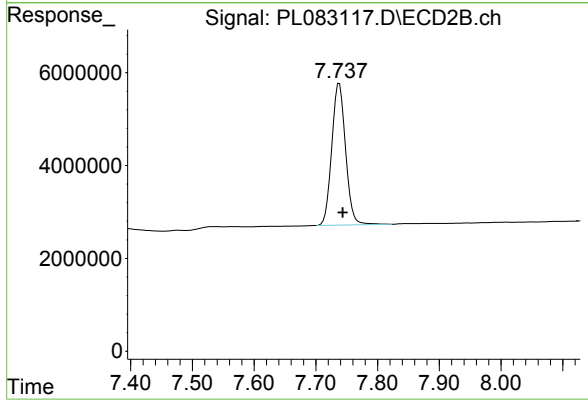
#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: -0.007 min  
Response: 41396734  
Conc: 19.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-12-0AMSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/01/2023  
Supervised By :Ankita Jodhani 06/01/2023



#28 Decachlorobiphenyl

R.T.: 7.738 min  
Delta R.T.: -0.006 min  
Response: 47538700  
Conc: 19.12 ng/ml