

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053123\  
 Data File : PL083116.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 May 2023 14:17  
 Operator : AR\AJ  
 Sample : 02972-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

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

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 05:07:14 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... | 3.317 | 2.636 | 57744059 | 49533906 | 19.647  | 19.080 |
| 28)                         | SA Decachlor... | 8.731 | 7.740 | 41775750 | 47800956 | 19.919  | 19.224 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.766 | 3.132 | 190.6E6  | 151.6E6  | 42.946  | 40.638 |
| 3)                          | MA gamma-BHC... | 4.094 | 3.458 | 184.8E6  | 148.6E6  | 44.599  | 44.578 |
| 4)                          | MA Heptachlor   | 4.671 | 3.789 | 168.6E6  | 147.9E6  | 44.099  | 40.394 |
| 5)                          | MB Aldrin       | 5.007 | 4.065 | 165.7E6  | 141.1E6  | 47.093  | 43.370 |
| 6)                          | B beta-BHC      | 4.298 | 3.759 | 78736407 | 59960141 | 41.820  | 41.928 |
| 7)                          | B delta-BHC     | 4.538 | 3.984 | 180.5E6  | 141.2E6  | 52.475  | 43.104 |
| 8)                          | B Heptachlo...  | 5.434 | 4.566 | 150.0E6  | 130.6E6  | 46.890  | 43.993 |
| 9)                          | A Endosulfan I  | 5.814 | 4.932 | 136.9E6  | 120.9E6  | 45.631  | 43.248 |
| 10)                         | B gamma-Chl...  | 5.688 | 4.815 | 149.3E6  | 129.3E6  | 46.988  | 43.057 |
| 11)                         | B alpha-Chl...  | 5.765 | 4.877 | 147.4E6  | 130.8E6  | 45.937  | 43.576 |
| 12)                         | B 4,4'-DDE      | 5.944 | 5.067 | 132.0E6  | 110.5E6  | 47.885  | 45.515 |
| 13)                         | MA Dieldrin     | 6.088 | 5.196 | 143.8E6  | 127.1E6  | 47.820  | 45.040 |
| 14)                         | MA Endrin       | 6.315 | 5.470 | 122.4E6  | 111.1E6  | 45.533  | 43.798 |
| 15)                         | B Endosulfa...  | 6.538 | 5.768 | 121.2E6  | 113.1E6  | 45.430  | 45.701 |
| 16)                         | A 4,4'-DDD      | 6.461 | 5.622 | 109.4E6  | 91668275 | 50.349  | 47.664 |
| 17)                         | MA 4,4'-DDT     | 6.771 | 5.870 | 107.2E6  | 95609616 | 42.811  | 42.855 |
| 18)                         | B Endrin al...  | 6.666 | 5.947 | 100.6E6  | 92622711 | 50.058m | 46.839 |
| 19)                         | B Endosulfa...  | 6.902 | 6.170 | 120.8E6  | 109.7E6  | 47.116  | 44.803 |
| 20)                         | A Methoxychlor  | 7.252 | 6.449 | 61287443 | 56691179 | 46.346  | 44.577 |
| 21)                         | B Endrin ke...  | 7.382 | 6.674 | 127.6E6  | 127.6E6  | 50.007  | 47.202 |
| 22)                         | Mirex           | 7.845 | 6.845 | 97062237 | 105.3E6  | 46.308  | 45.001 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053123\  
 Data File : PL083116.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 May 2023 14:17  
 Operator : AR\AJ  
 Sample : 02972-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

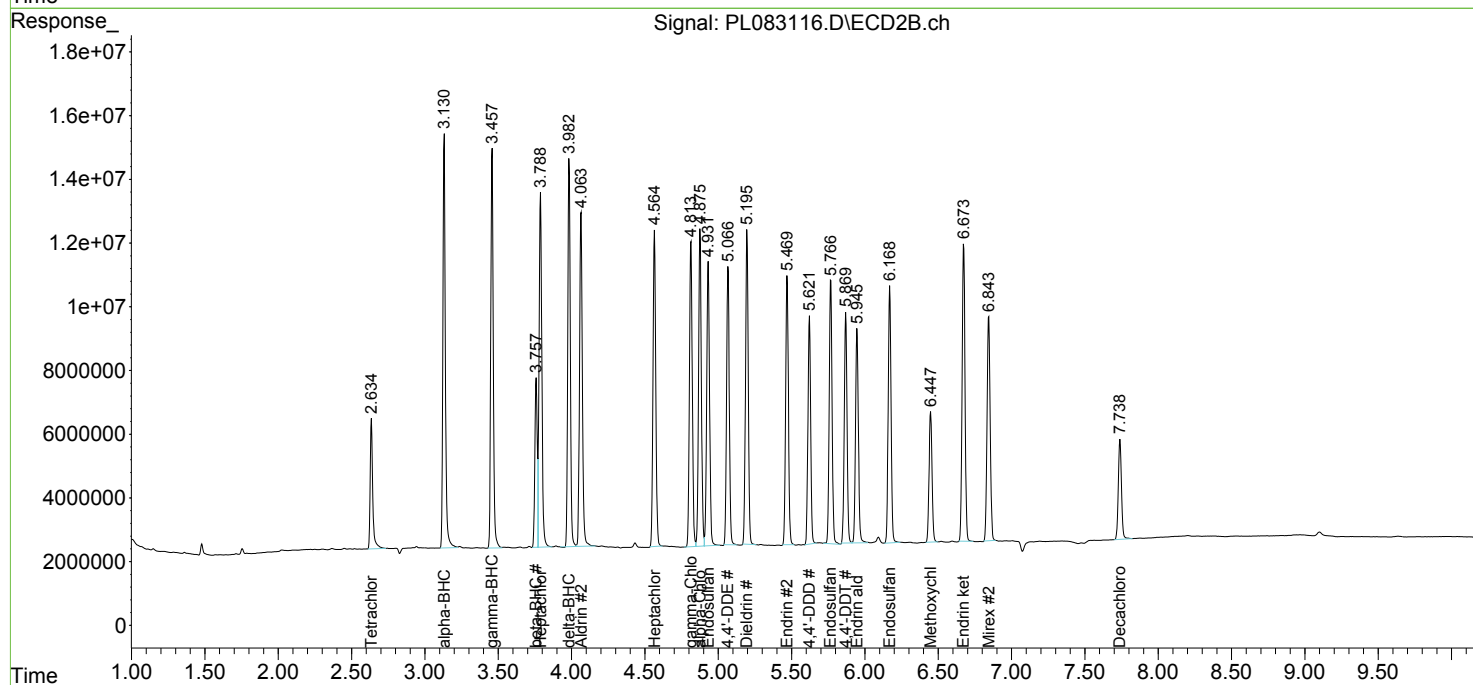
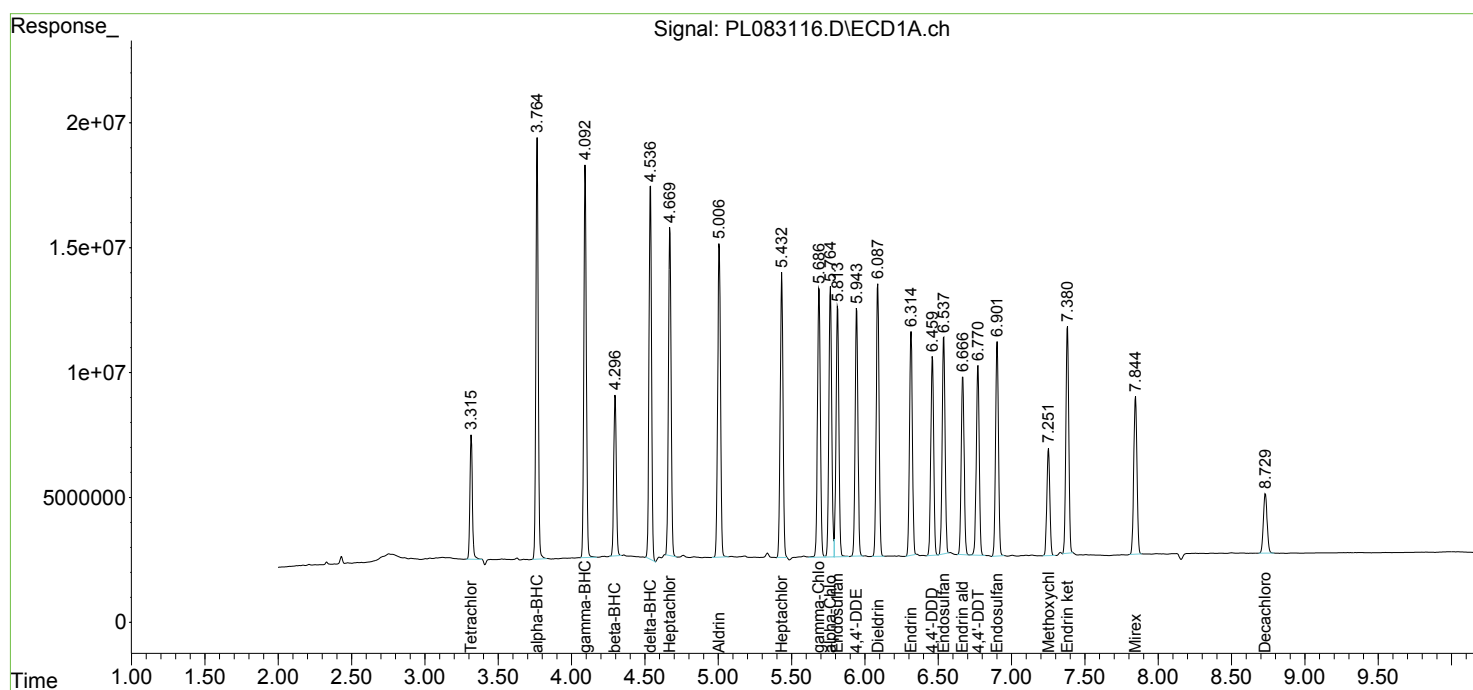
Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-12-0AMS

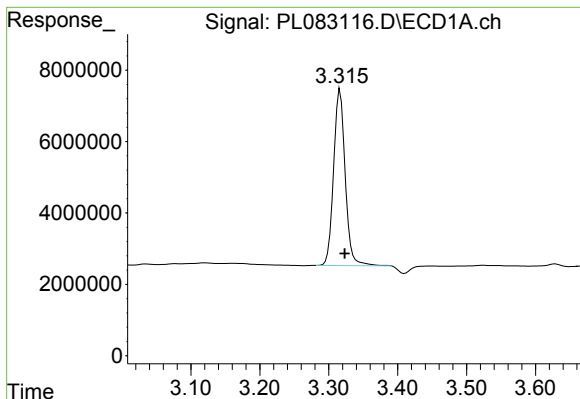
### Manual Integrations APPROVED

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 05:07:14 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.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





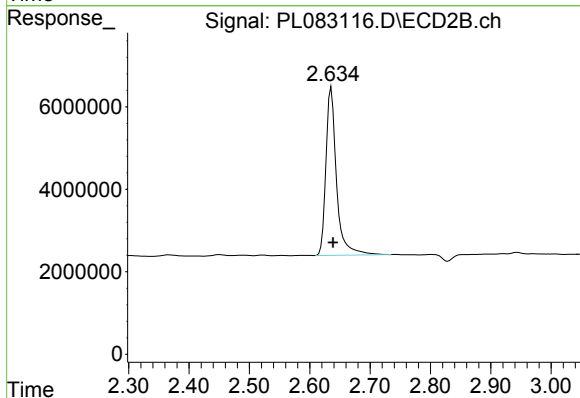
#1 Tetrachloro-m-xylene

R.T.: 3.317 min  
Delta R.T.: -0.006 min  
Response: 57744059  
Conc: 19.65 ng/ml

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

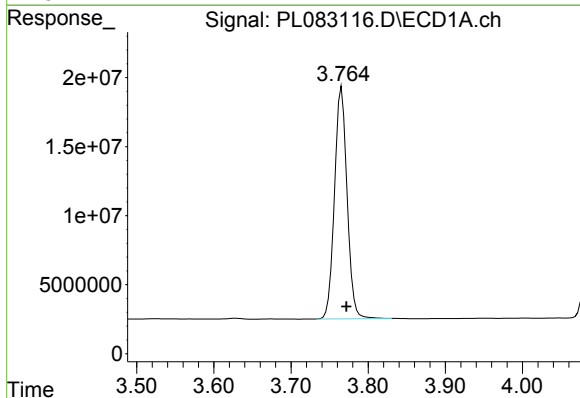
Manual Integrations  
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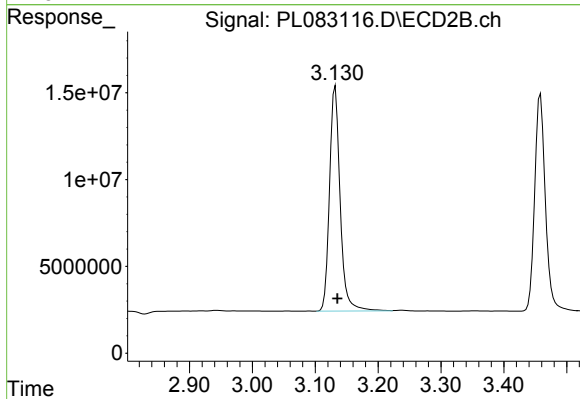
#1 Tetrachloro-m-xylene

R.T.: 2.636 min  
Delta R.T.: -0.003 min  
Response: 49533906  
Conc: 19.08 ng/ml



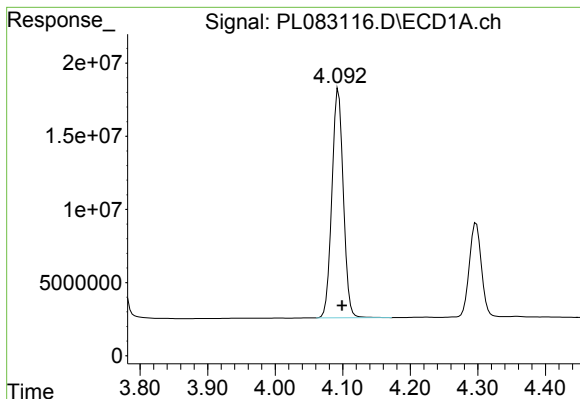
#2 alpha-BHC

R.T.: 3.766 min  
Delta R.T.: -0.006 min  
Response: 190649873  
Conc: 42.95 ng/ml



#2 alpha-BHC

R.T.: 3.132 min  
Delta R.T.: -0.003 min  
Response: 151636782  
Conc: 40.64 ng/ml



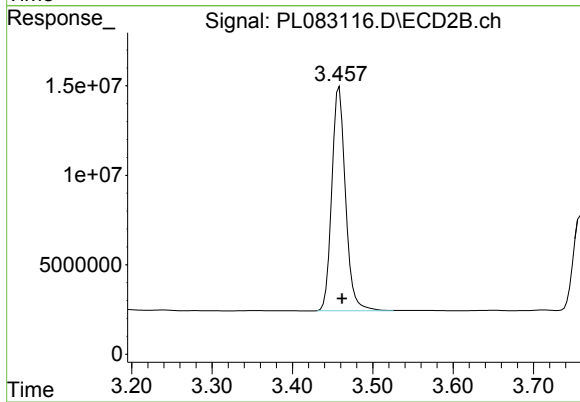
#3 gamma-BHC (Lindane)

R.T.: 4.094 min  
Delta R.T.: -0.005 min  
Response: 184770221  
Conc: 44.60 ng/ml

Instrument :  
ECD\_L  
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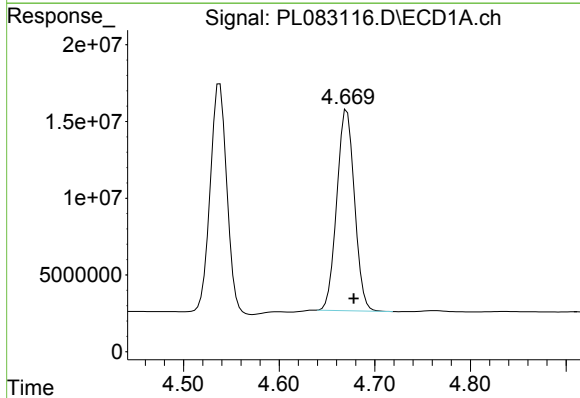
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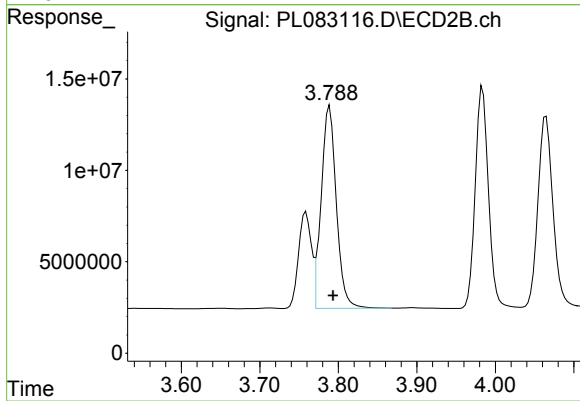
#3 gamma-BHC (Lindane)

R.T.: 3.458 min  
Delta R.T.: -0.004 min  
Response: 148590860  
Conc: 44.58 ng/ml



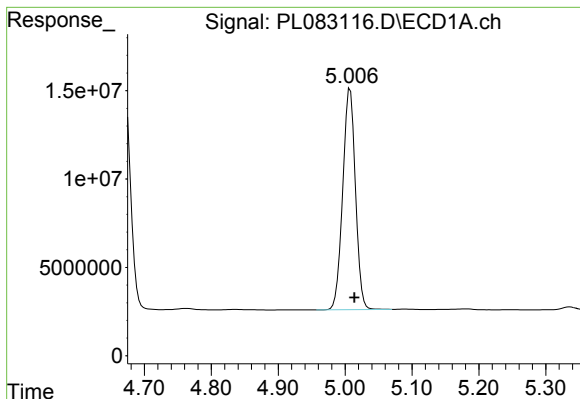
#4 Heptachlor

R.T.: 4.671 min  
Delta R.T.: -0.007 min  
Response: 168567761  
Conc: 44.10 ng/ml



#4 Heptachlor

R.T.: 3.789 min  
Delta R.T.: -0.004 min  
Response: 147886486  
Conc: 40.39 ng/ml



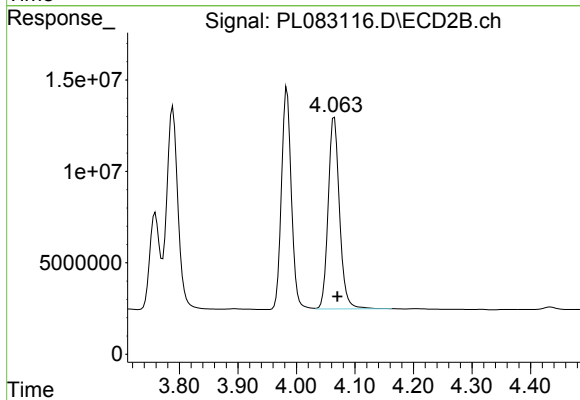
#5 Aldrin

R.T.: 5.007 min  
Delta R.T.: -0.007 min  
Response: 165680045  
Conc: 47.09 ng/ml

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

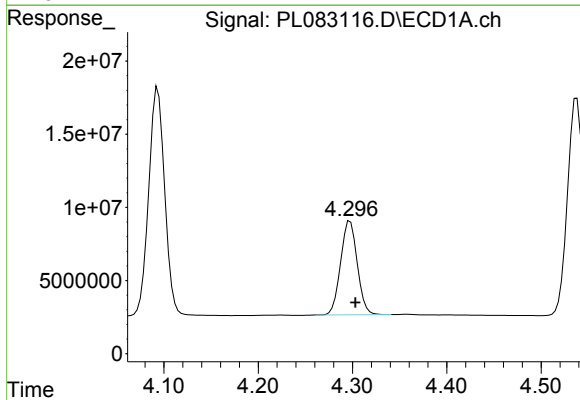
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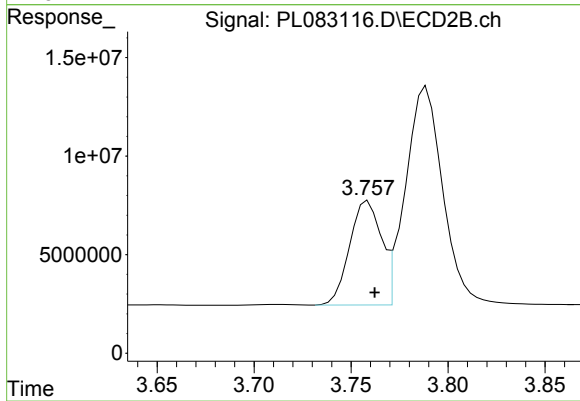
#5 Aldrin

R.T.: 4.065 min  
Delta R.T.: -0.005 min  
Response: 141109376  
Conc: 43.37 ng/ml



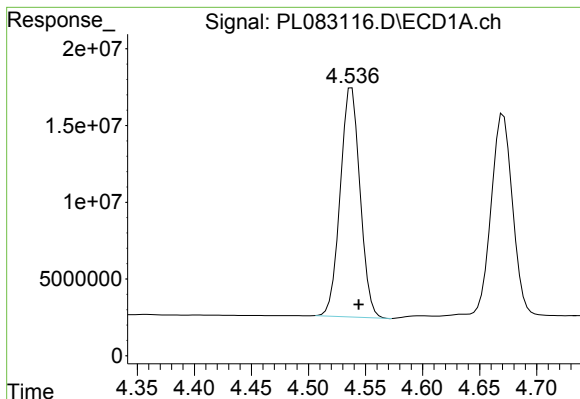
#6 beta-BHC

R.T.: 4.298 min  
Delta R.T.: -0.005 min  
Response: 78736407  
Conc: 41.82 ng/ml



#6 beta-BHC

R.T.: 3.759 min  
Delta R.T.: -0.004 min  
Response: 59960141  
Conc: 41.93 ng/ml



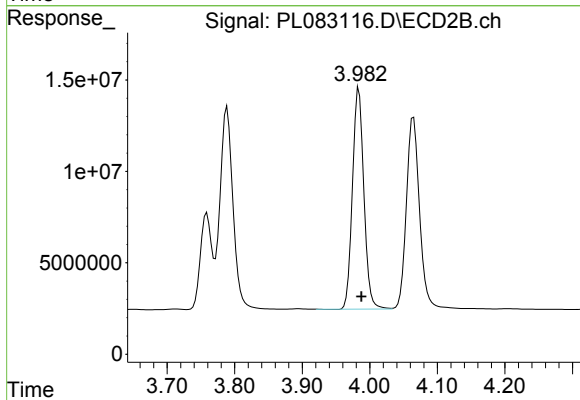
#7 delta-BHC

R.T.: 4.538 min  
Delta R.T.: -0.006 min  
Response: 180455476  
Conc: 52.47 ng/ml

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

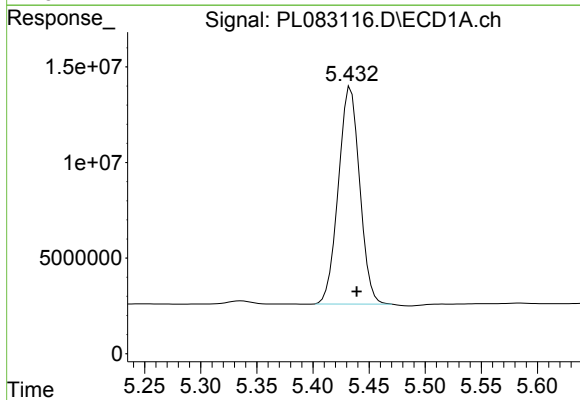
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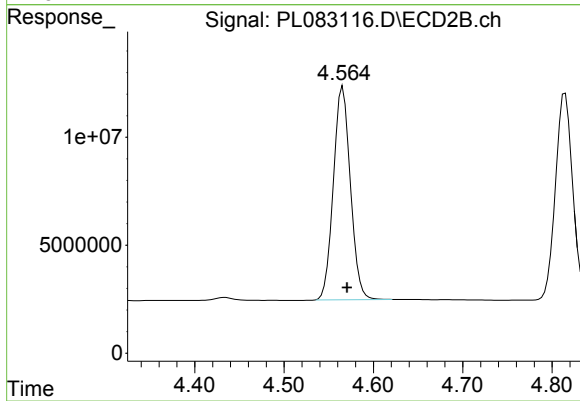
#7 delta-BHC

R.T.: 3.984 min  
Delta R.T.: -0.004 min  
Response: 141228120  
Conc: 43.10 ng/ml



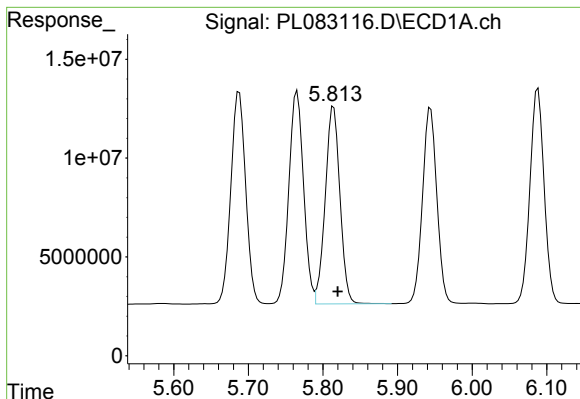
#8 Heptachlor epoxide

R.T.: 5.434 min  
Delta R.T.: -0.005 min  
Response: 149988196  
Conc: 46.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min  
Delta R.T.: -0.005 min  
Response: 130565197  
Conc: 43.99 ng/ml



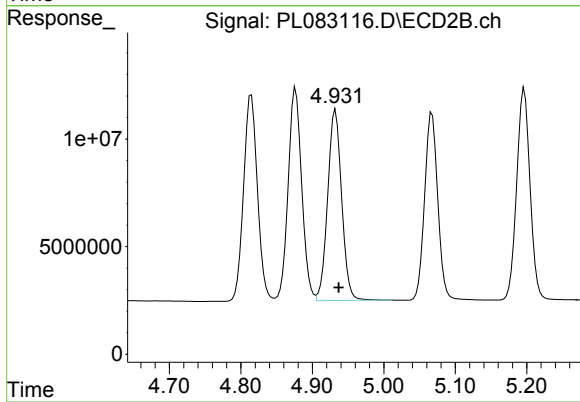
#9 Endosulfan I

R.T.: 5.814 min  
Delta R.T.: -0.006 min  
Response: 136921089  
Conc: 45.63 ng/ml

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

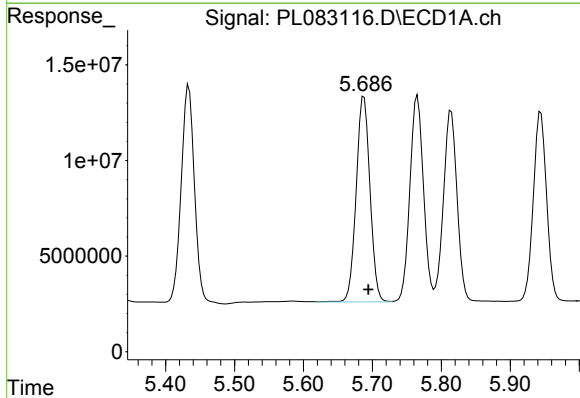
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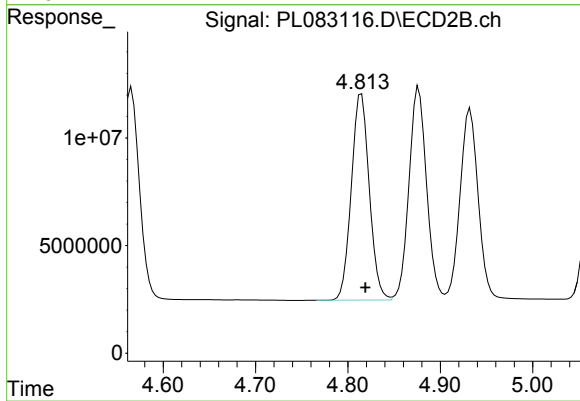
#9 Endosulfan I

R.T.: 4.932 min  
Delta R.T.: -0.005 min  
Response: 120850949  
Conc: 43.25 ng/ml



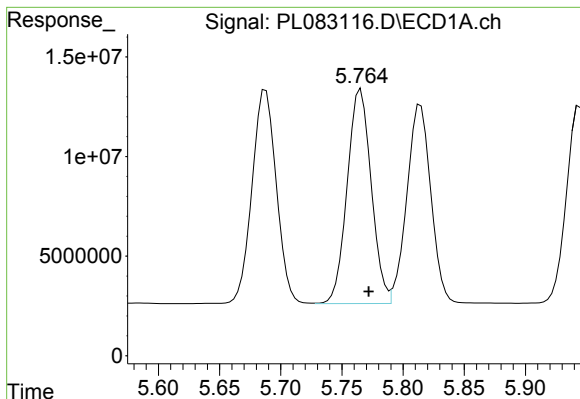
#10 gamma-Chlordane

R.T.: 5.688 min  
Delta R.T.: -0.006 min  
Response: 149279369  
Conc: 46.99 ng/ml



#10 gamma-Chlordane

R.T.: 4.815 min  
Delta R.T.: -0.004 min  
Response: 129316846  
Conc: 43.06 ng/ml



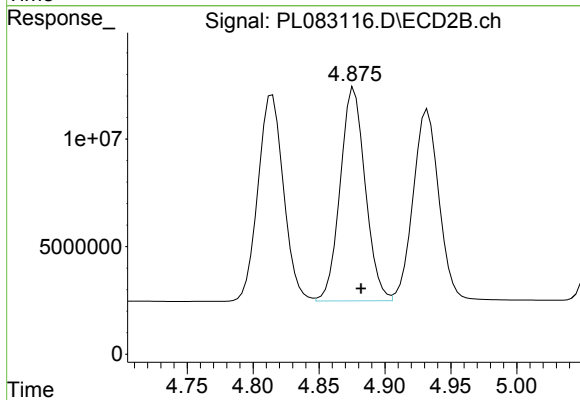
#11 alpha-Chlordane

R.T.: 5.765 min  
Delta R.T.: -0.007 min  
Response: 147425542  
Conc: 45.94 ng/ml

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

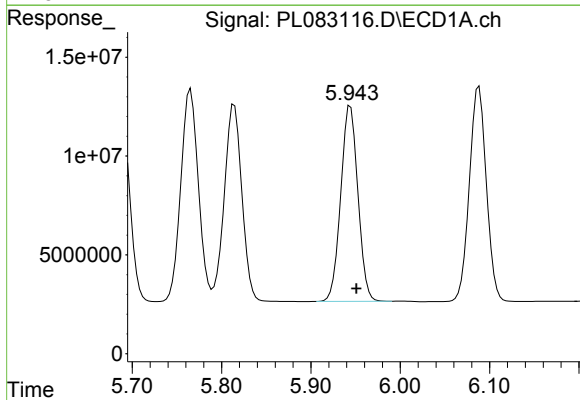
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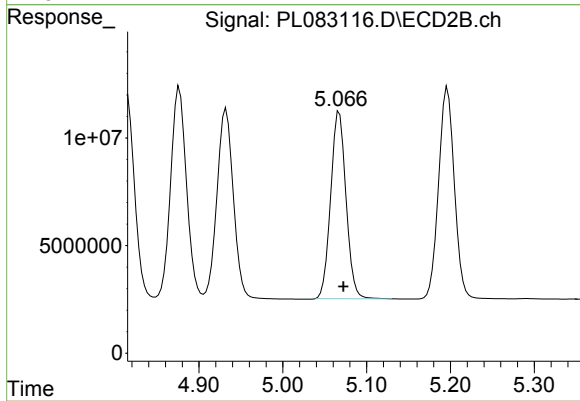
#11 alpha-Chlordane

R.T.: 4.877 min  
Delta R.T.: -0.005 min  
Response: 130813823  
Conc: 43.58 ng/ml



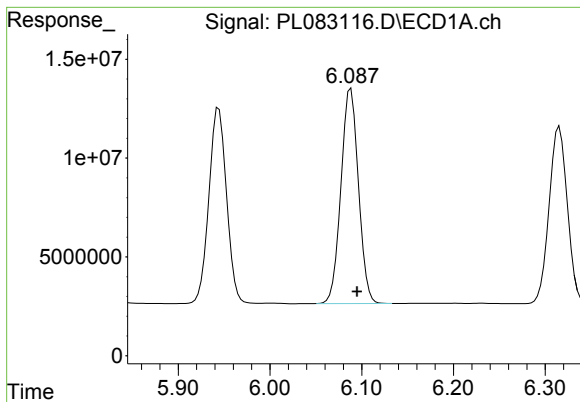
#12 4,4'-DDE

R.T.: 5.944 min  
Delta R.T.: -0.007 min  
Response: 131995055  
Conc: 47.88 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min  
Delta R.T.: -0.005 min  
Response: 110544502  
Conc: 45.51 ng/ml



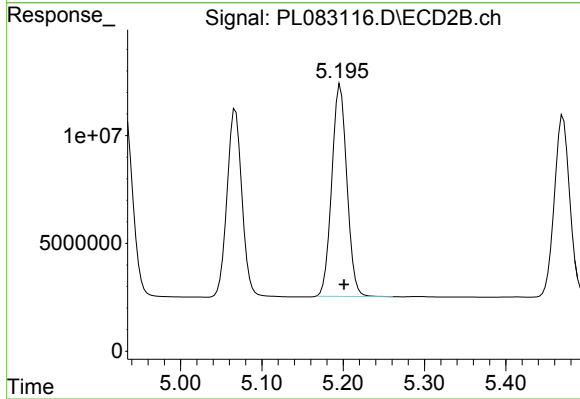
#13 Dieldrin

R.T.: 6.088 min  
Delta R.T.: -0.007 min  
Response: 143836075  
Conc: 47.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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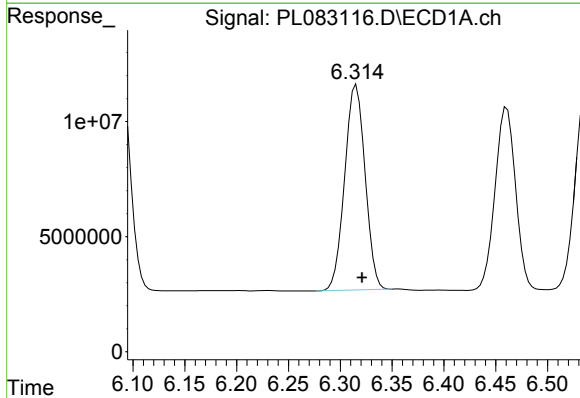
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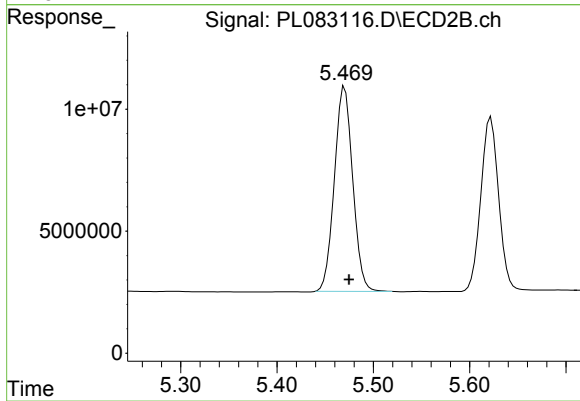
#13 Dieldrin

R.T.: 5.196 min  
Delta R.T.: -0.005 min  
Response: 127144189  
Conc: 45.04 ng/ml



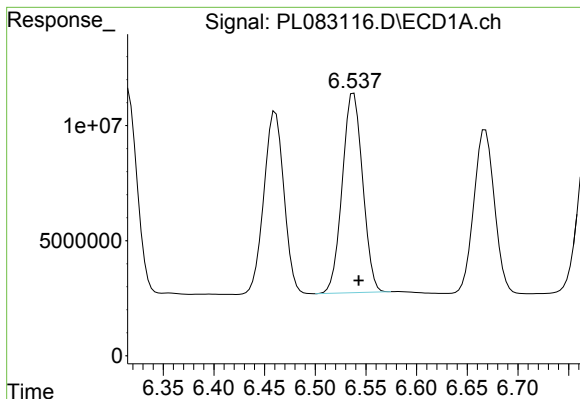
#14 Endrin

R.T.: 6.315 min  
Delta R.T.: -0.006 min  
Response: 122358111  
Conc: 45.53 ng/ml



#14 Endrin

R.T.: 5.470 min  
Delta R.T.: -0.005 min  
Response: 111113098  
Conc: 43.80 ng/ml



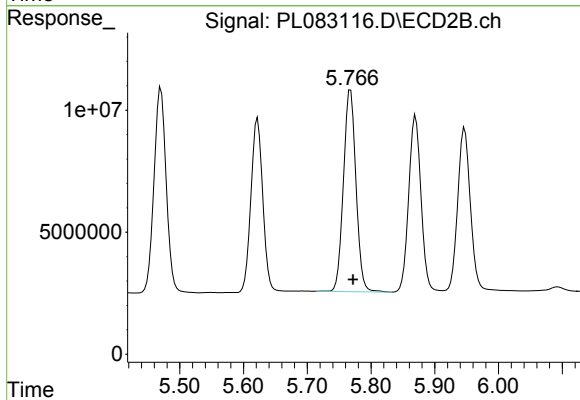
#15 Endosulfan II

R.T.: 6.538 min  
Delta R.T.: -0.005 min  
Response: 121165401  
Conc: 45.43 ng/ml

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

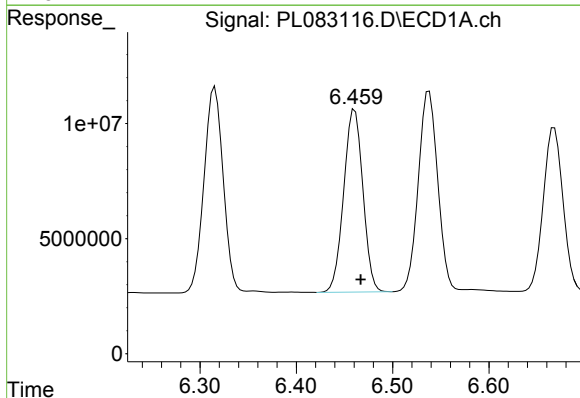
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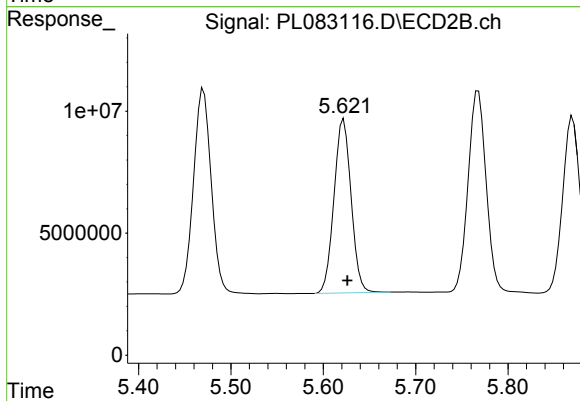
#15 Endosulfan II

R.T.: 5.768 min  
Delta R.T.: -0.004 min  
Response: 113072075  
Conc: 45.70 ng/ml



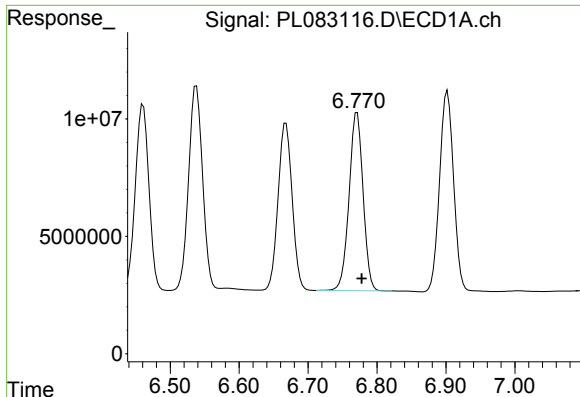
#16 4,4'-DDD

R.T.: 6.461 min  
Delta R.T.: -0.006 min  
Response: 109410353  
Conc: 50.35 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min  
Delta R.T.: -0.004 min  
Response: 91668275  
Conc: 47.66 ng/ml



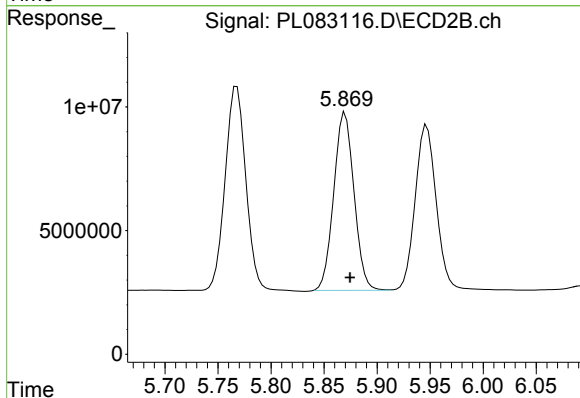
#17 4,4'-DDT

R.T.: 6.771 min  
Delta R.T.: -0.007 min  
Response: 107163887  
Conc: 42.81 ng/ml

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

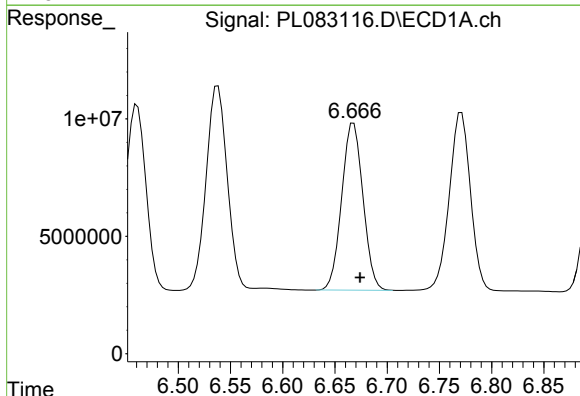
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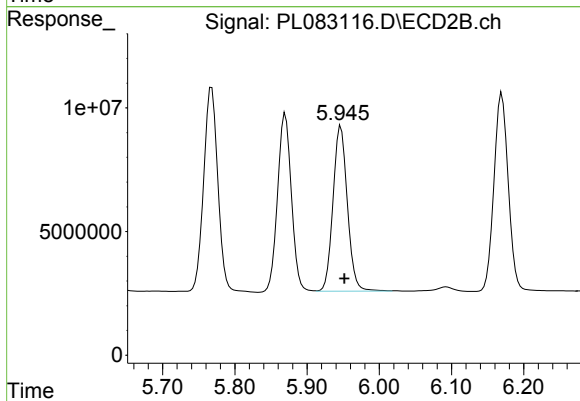
#17 4,4'-DDT

R.T.: 5.870 min  
Delta R.T.: -0.005 min  
Response: 95609616  
Conc: 42.85 ng/ml



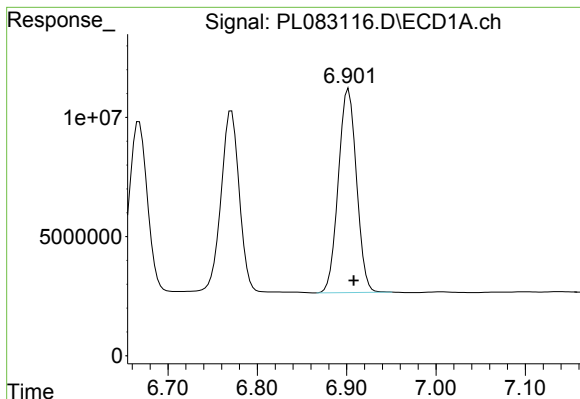
#18 Endrin aldehyde

R.T.: 6.666 min  
Delta R.T.: -0.008 min  
Response: 100649646  
Conc: 50.06 ng/ml m



#18 Endrin aldehyde

R.T.: 5.947 min  
Delta R.T.: -0.005 min  
Response: 92622711  
Conc: 46.84 ng/ml



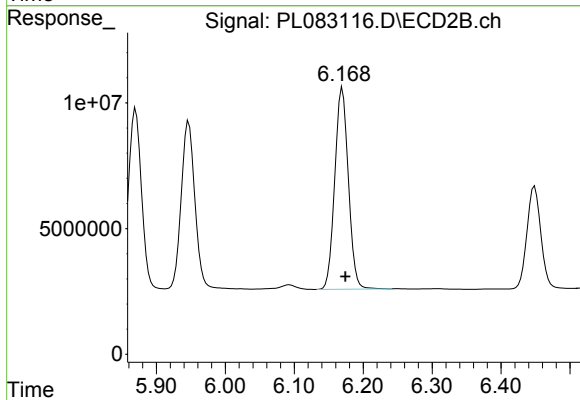
#19 Endosulfan Sulfate

R.T.: 6.902 min  
Delta R.T.: -0.006 min  
Response: 120791489  
Conc: 47.12 ng/ml

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

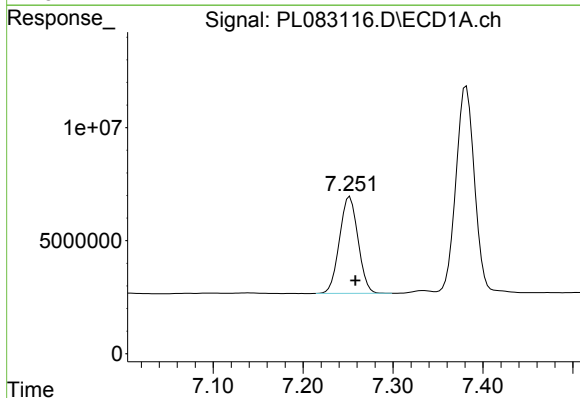
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Reviewed By :Abdul Mirza 06/01/2023  
Supervised By :Ankita Jodhani 06/01/2023



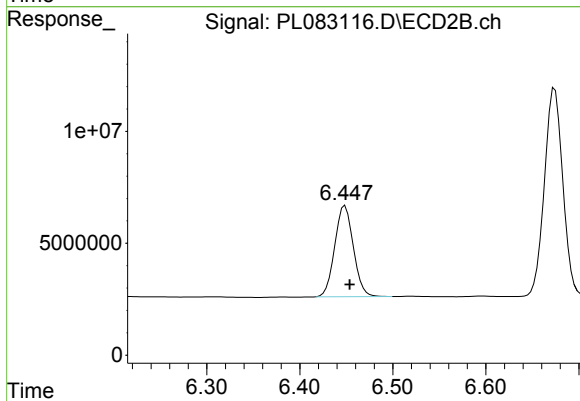
#19 Endosulfan Sulfate

R.T.: 6.170 min  
Delta R.T.: -0.004 min  
Response: 109722604  
Conc: 44.80 ng/ml



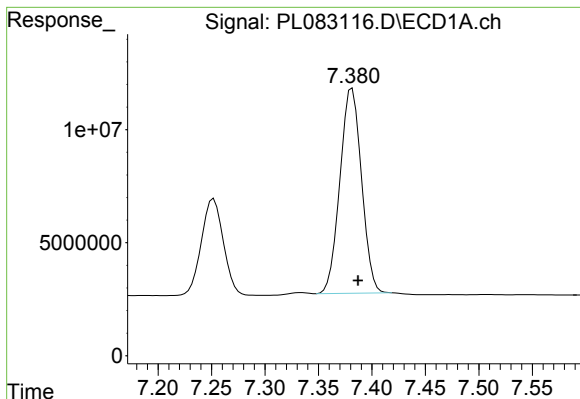
#20 Methoxychlor

R.T.: 7.252 min  
Delta R.T.: -0.006 min  
Response: 61287443  
Conc: 46.35 ng/ml



#20 Methoxychlor

R.T.: 6.449 min  
Delta R.T.: -0.005 min  
Response: 56691179  
Conc: 44.58 ng/ml



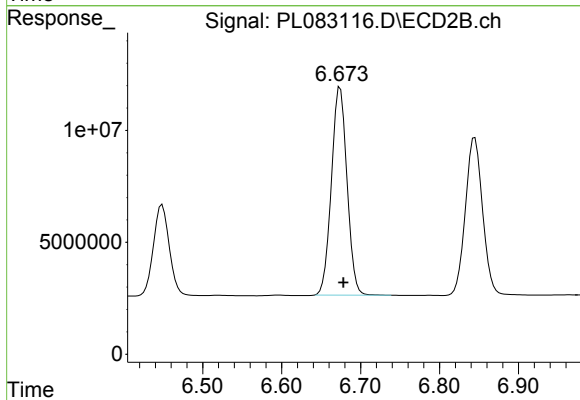
#21 Endrin ketone

R.T.: 7.382 min  
Delta R.T.: -0.005 min  
Response: 127558770  
Conc: 50.01 ng/ml

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

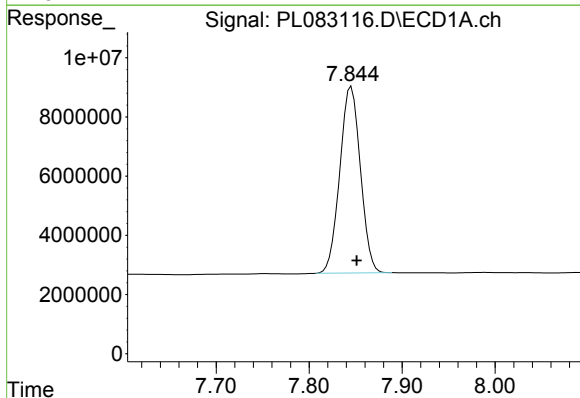
Manual Integrations  
APPROVED

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



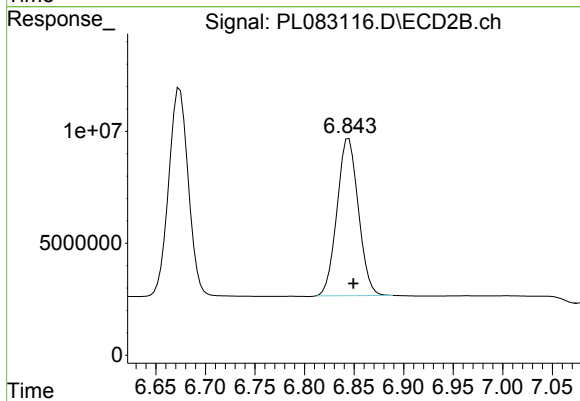
#21 Endrin ketone

R.T.: 6.674 min  
Delta R.T.: -0.004 min  
Response: 127626766  
Conc: 47.20 ng/ml



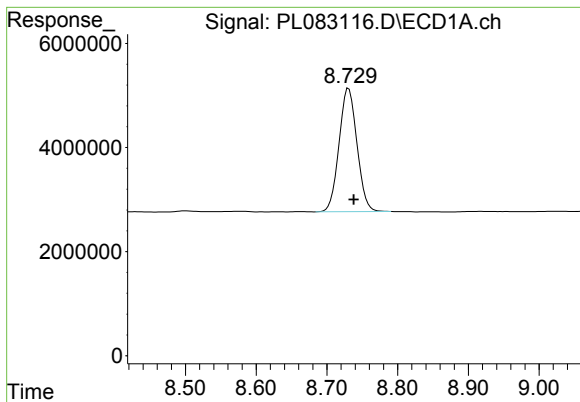
#22 Mirex

R.T.: 7.845 min  
Delta R.T.: -0.006 min  
Response: 97062237  
Conc: 46.31 ng/ml



#22 Mirex

R.T.: 6.845 min  
Delta R.T.: -0.005 min  
Response: 105294128  
Conc: 45.00 ng/ml



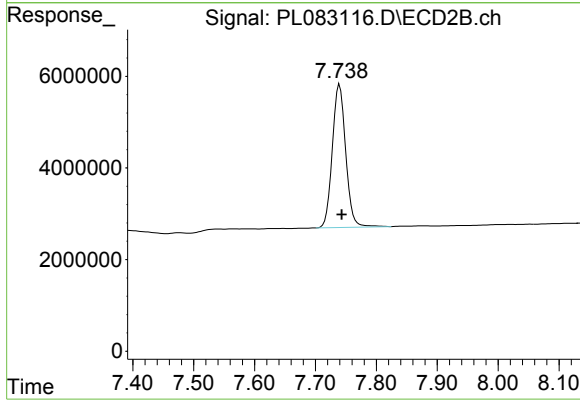
#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: -0.007 min  
Response: 41775750  
Conc: 19.92 ng/ml

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

Manual Integrations  
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.740 min  
Delta R.T.: -0.004 min  
Response: 47800956  
Conc: 19.22 ng/ml