

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061423\  
 Data File : PL083424.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jun 2023 14:48  
 Operator : AR\AJ  
 Sample : 03221-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RT-4194MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/15/2023  
 Supervised By :Ankita Jodhani 06/15/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 14 22:29:17 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... | 3.314 | 2.632 | 65941892 | 53510163 | 22.437  | 20.612   |
| 28)                         | SA Decachlor... | 8.725 | 7.733 | 49069669 | 52781643 | 23.396m | 21.227   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.763 | 3.127 | 192.7E6  | 154.8E6  | 43.411  | 41.489   |
| 3)                          | MA gamma-BHC... | 4.089 | 3.453 | 175.8E6  | 144.8E6  | 42.426m | 43.427   |
| 4)                          | MA Heptachlor   | 4.668 | 3.783 | 185.6E6  | 157.0E6  | 48.557  | 42.888   |
| 5)                          | MB Aldrin       | 5.001 | 4.058 | 221.7E6  | 138.0E6  | 63.014m | 42.420 # |
| 6)                          | B beta-BHC      | 4.294 | 3.754 | 79432356 | 60416501 | 42.190m | 42.247   |
| 7)                          | B delta-BHC     | 4.535 | 3.978 | 128.7E6  | 97027695 | 37.426  | 29.614   |
| 8)                          | B Heptachlo...  | 5.431 | 4.559 | 194.7E6  | 139.2E6  | 60.853  | 46.907   |
| 9)                          | A Endosulfan I  | 5.811 | 4.926 | 146.6E6  | 112.3E6  | 48.860  | 40.203   |
| 10)                         | B gamma-Chl...  | 5.686 | 4.808 | 388.1E6  | 382.7E6  | 122.150 | 127.417  |
| 11)                         | B alpha-Chl...  | 5.765 | 4.870 | 483.3E6  | 356.8E6  | 150.597 | 118.859  |
| 12)                         | B 4,4'-DDE      | 5.943 | 5.061 | 132.9E6  | 132.5E6  | 48.199  | 54.572   |
| 13)                         | MA Dieldrin     | 6.085 | 5.190 | 142.7E6  | 137.1E6  | 47.442  | 48.559   |
| 14)                         | MA Endrin       | 6.313 | 5.464 | 108.6E6  | 110.1E6  | 40.415  | 43.402   |
| 15)                         | B Endosulfa...  | 6.535 | 5.762 | 97016867 | 139.9E6  | 35.446  | 56.554 # |
| 16)                         | A 4,4'-DDD      | 6.457 | 5.616 | 96548392 | 75040843 | 44.430m | 39.018   |
| 17)                         | MA 4,4'-DDT     | 6.769 | 5.864 | 137.9E6  | 94938388 | 55.108  | 42.554   |
| 18)                         | B Endrin al...  | 6.666 | 5.941 | 91480690 | 78139407 | 45.498  | 39.515   |
| 19)                         | B Endosulfa...  | 6.900 | 6.163 | 104.8E6  | 99899705 | 40.876  | 40.792   |
| 20)                         | A Methoxychlor  | 7.250 | 6.443 | 41326155 | 51964602 | 31.251  | 40.861 # |
| 21)                         | B Endrin ke...  | 7.380 | 6.667 | 106.5E6  | 103.1E6  | 41.747  | 38.138   |
| 22)                         | Mirex           | 7.843 | 6.836 | 93444674 | 115.7E6  | 44.582  | 49.441m  |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061423\  
Data File : PL083424.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Jun 2023 14:48  
Operator : AR\AJ  
Sample : 03221-02MS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

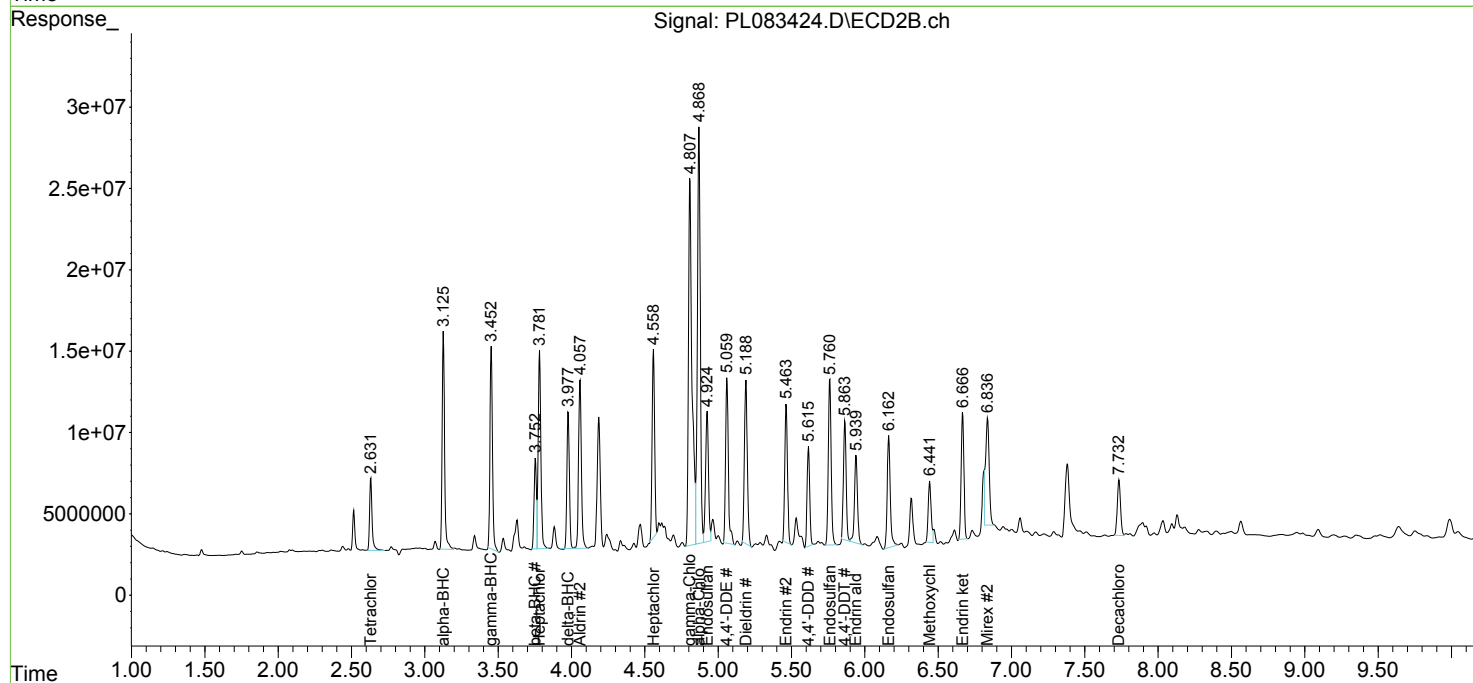
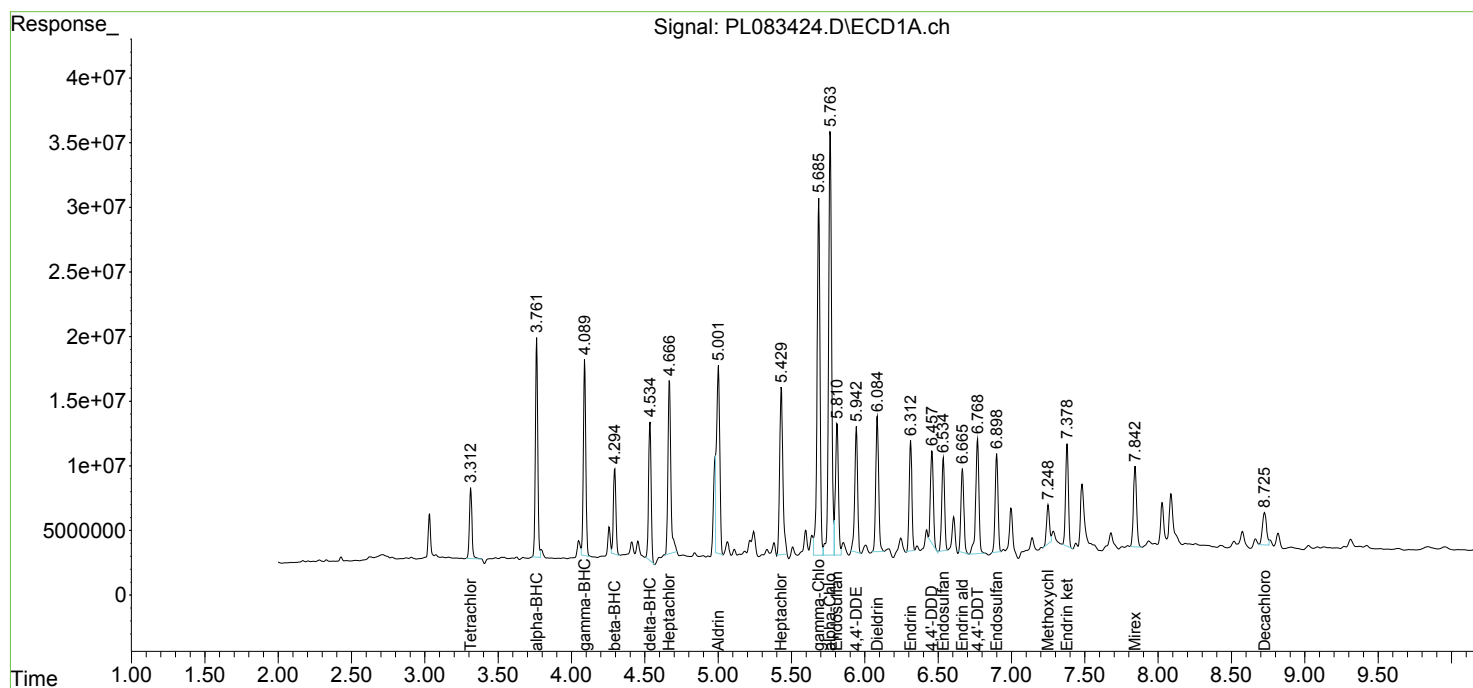
Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

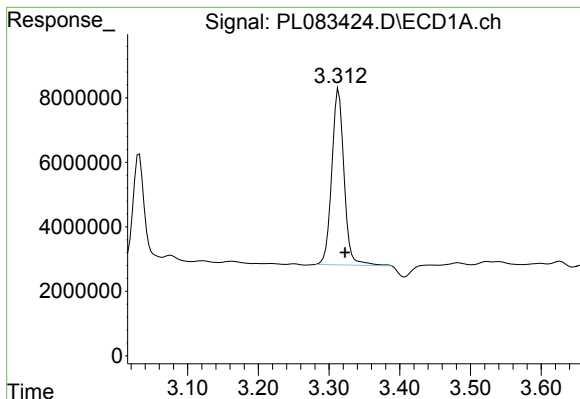
Manual Integrations  
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Supervised By :Ankita Jodhani 06/15/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 14 22:29:17 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





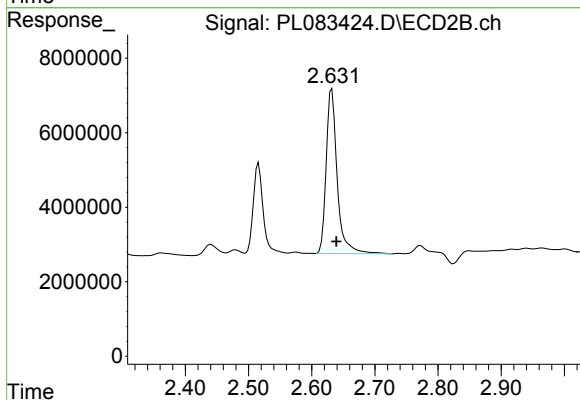
#1 Tetrachloro-m-xylene

R.T.: 3.314 min  
Delta R.T.: -0.009 min  
Response: 65941892  
Conc: 22.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

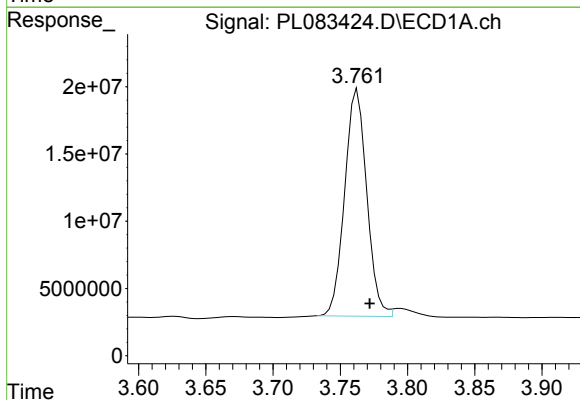
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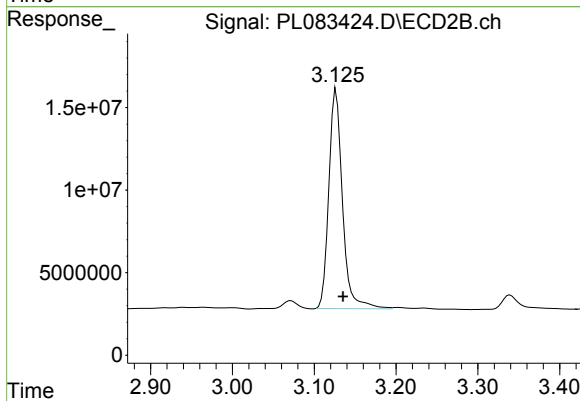
#1 Tetrachloro-m-xylene

R.T.: 2.632 min  
Delta R.T.: -0.007 min  
Response: 53510163  
Conc: 20.61 ng/ml



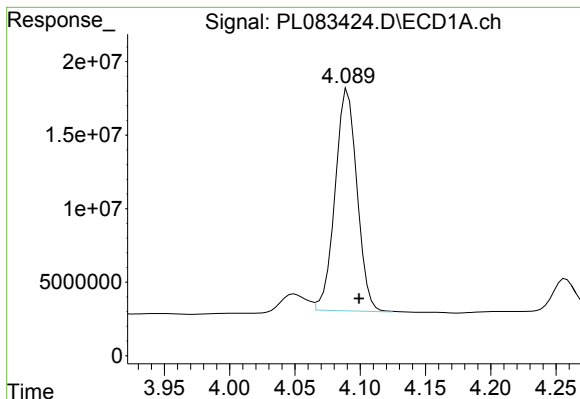
#2 alpha-BHC

R.T.: 3.763 min  
Delta R.T.: -0.009 min  
Response: 192712241  
Conc: 43.41 ng/ml



#2 alpha-BHC

R.T.: 3.127 min  
Delta R.T.: -0.008 min  
Response: 154814332  
Conc: 41.49 ng/ml



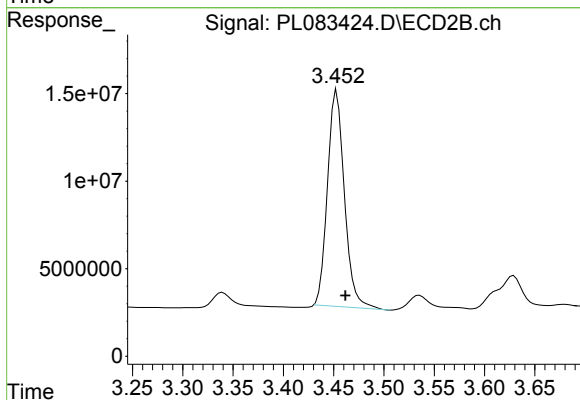
#3 gamma-BHC (Lindane)

R.T.: 4.089 min  
Delta R.T.: -0.010 min  
Response: 175768040  
Conc: 42.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

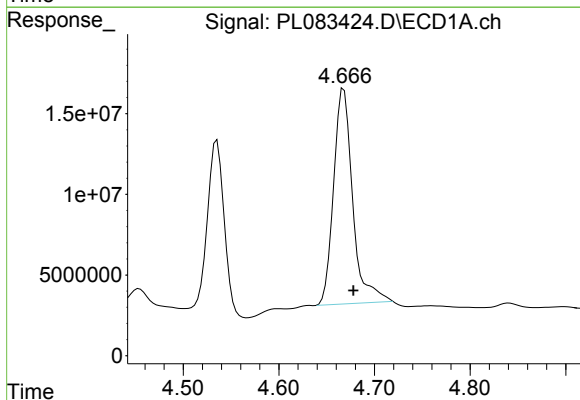
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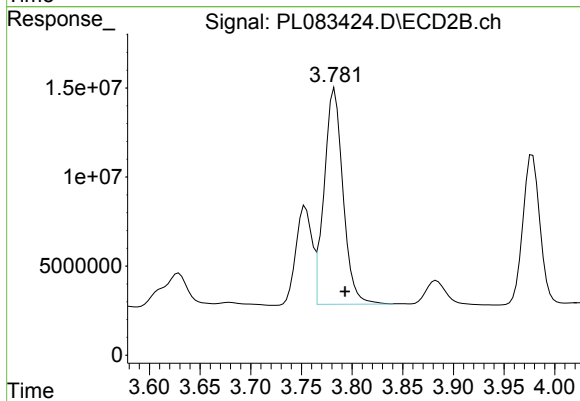
#3 gamma-BHC (Lindane)

R.T.: 3.453 min  
Delta R.T.: -0.009 min  
Response: 144756816  
Conc: 43.43 ng/ml



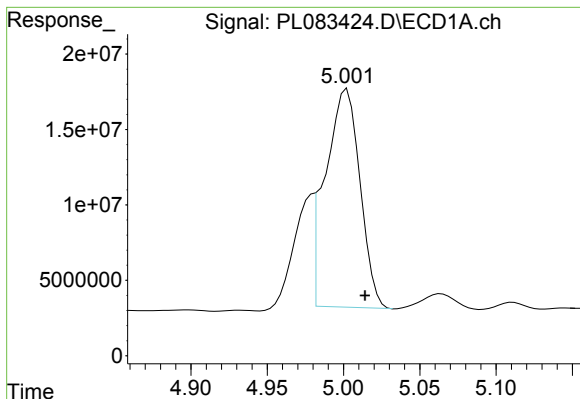
#4 Heptachlor

R.T.: 4.668 min  
Delta R.T.: -0.010 min  
Response: 185607484  
Conc: 48.56 ng/ml



#4 Heptachlor

R.T.: 3.783 min  
Delta R.T.: -0.010 min  
Response: 157016697  
Conc: 42.89 ng/ml



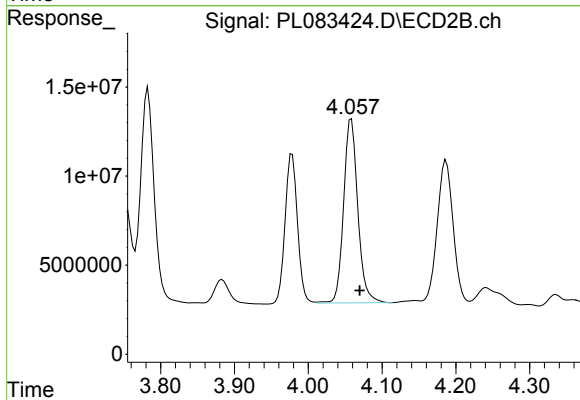
#5 Aldrin

R.T.: 5.001 min  
Delta R.T.: -0.013 min  
Response: 221691209  
Conc: 63.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

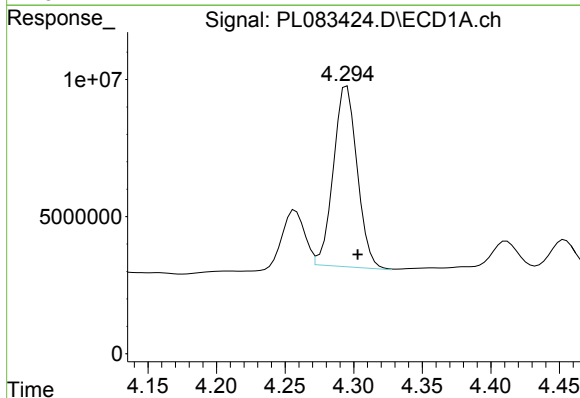
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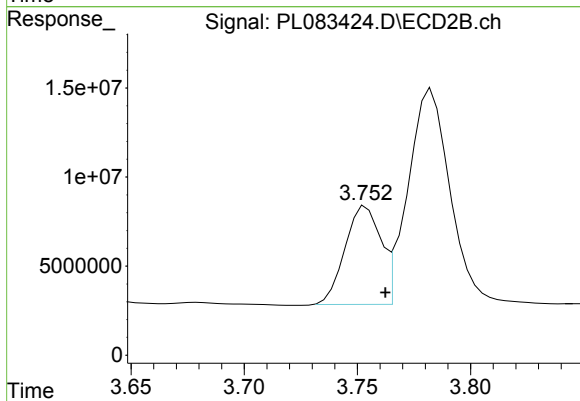
#5 Aldrin

R.T.: 4.058 min  
Delta R.T.: -0.011 min  
Response: 138019307  
Conc: 42.42 ng/ml



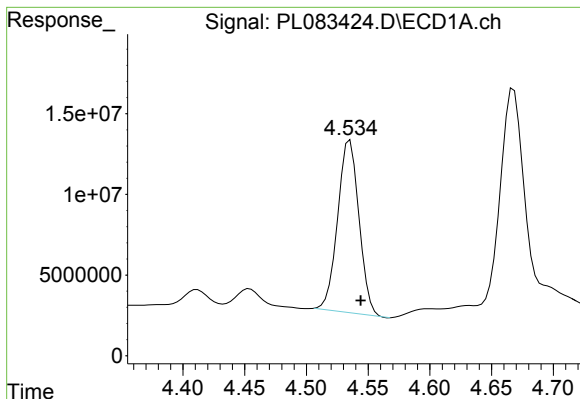
#6 beta-BHC

R.T.: 4.294 min  
Delta R.T.: -0.009 min  
Response: 79432356  
Conc: 42.19 ng/ml m



#6 beta-BHC

R.T.: 3.754 min  
Delta R.T.: -0.008 min  
Response: 60416501  
Conc: 42.25 ng/ml



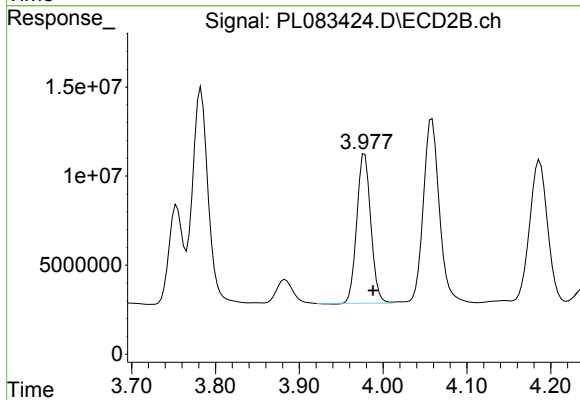
#7 delta-BHC

R.T.: 4.535 min  
Delta R.T.: -0.009 min  
Response: 128705966  
Conc: 37.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

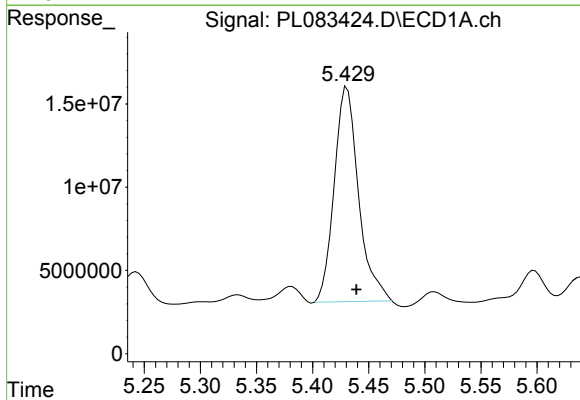
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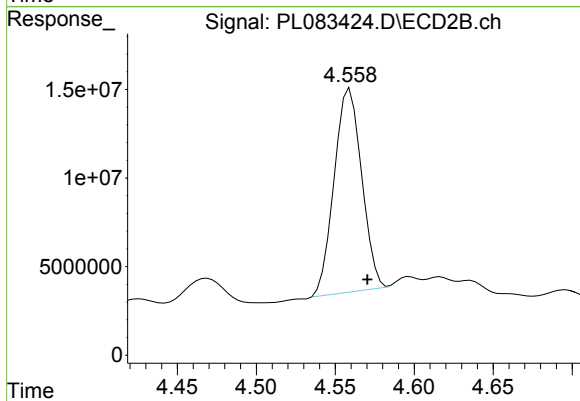
#7 delta-BHC

R.T.: 3.978 min  
Delta R.T.: -0.010 min  
Response: 97027695  
Conc: 29.61 ng/ml



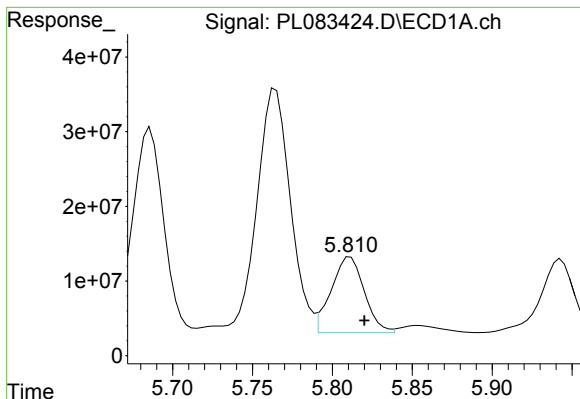
#8 Heptachlor epoxide

R.T.: 5.431 min  
Delta R.T.: -0.008 min  
Response: 194651631  
Conc: 60.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.559 min  
Delta R.T.: -0.011 min  
Response: 139214226  
Conc: 46.91 ng/ml



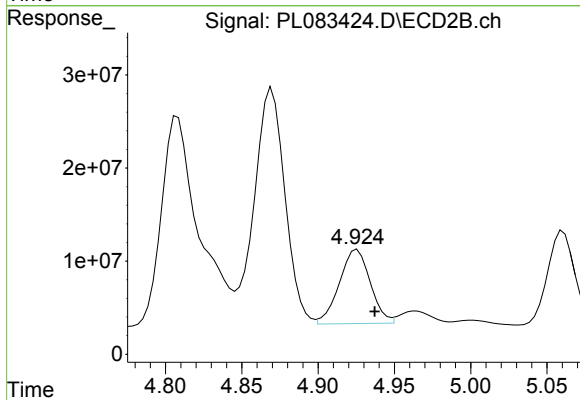
#9 Endosulfan I

R.T.: 5.811 min  
Delta R.T.: -0.009 min  
Response: 146608873  
Conc: 48.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

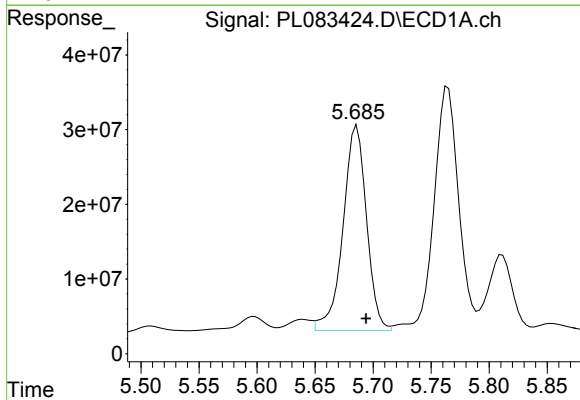
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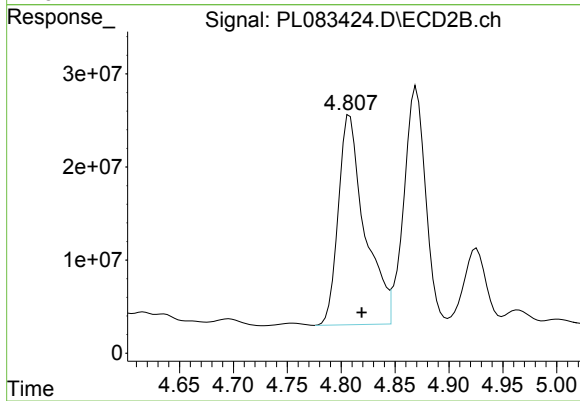
#9 Endosulfan I

R.T.: 4.926 min  
Delta R.T.: -0.012 min  
Response: 112340975  
Conc: 40.20 ng/ml



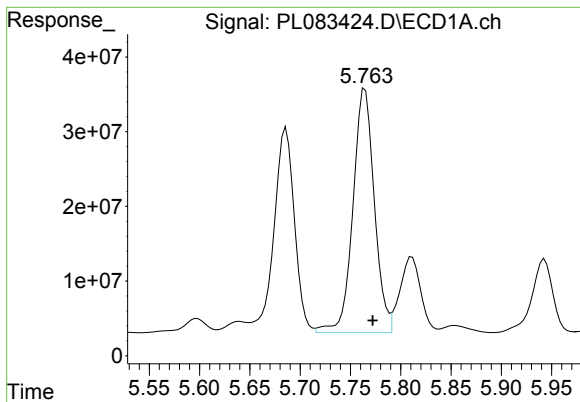
#10 gamma-Chlordane

R.T.: 5.686 min  
Delta R.T.: -0.008 min  
Response: 388068482  
Conc: 122.15 ng/ml



#10 gamma-Chlordane

R.T.: 4.808 min  
Delta R.T.: -0.011 min  
Response: 382682031  
Conc: 127.42 ng/ml



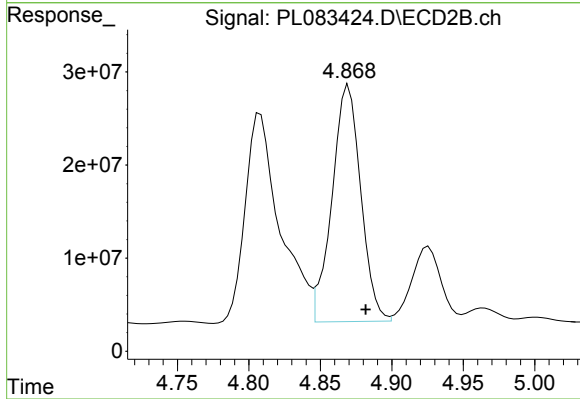
#11 alpha-Chlordane

R.T.: 5.765 min  
Delta R.T.: -0.007 min  
Response: 483313755  
Conc: 150.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

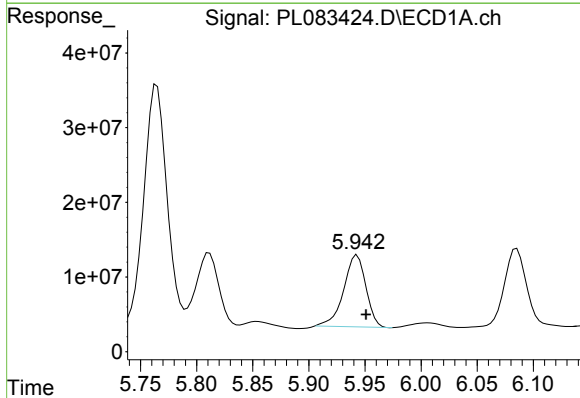
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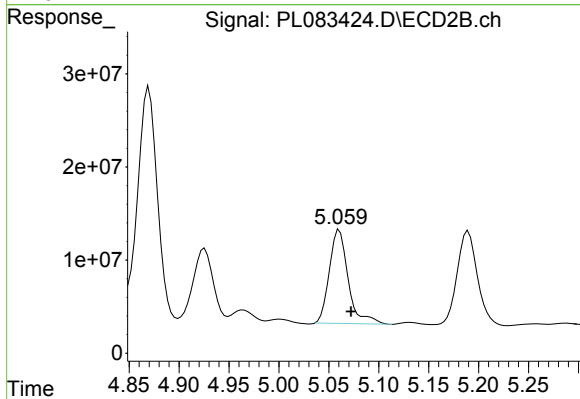
#11 alpha-Chlordane

R.T.: 4.870 min  
Delta R.T.: -0.012 min  
Response: 356812938  
Conc: 118.86 ng/ml



#12 4,4'-DDE

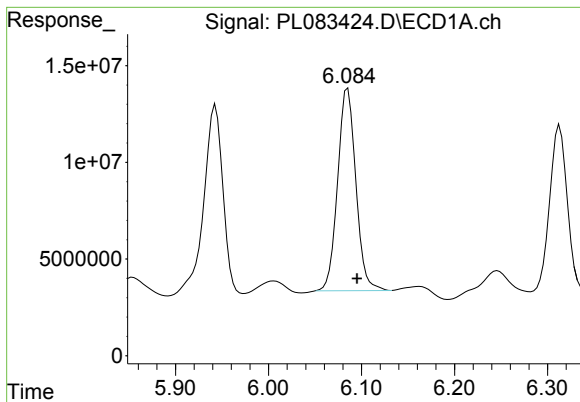
R.T.: 5.943 min  
Delta R.T.: -0.008 min  
Response: 132861046  
Conc: 48.20 ng/ml



#12 4,4'-DDE

R.T.: 5.061 min  
Delta R.T.: -0.012 min  
Response: 132541634  
Conc: 54.57 ng/ml





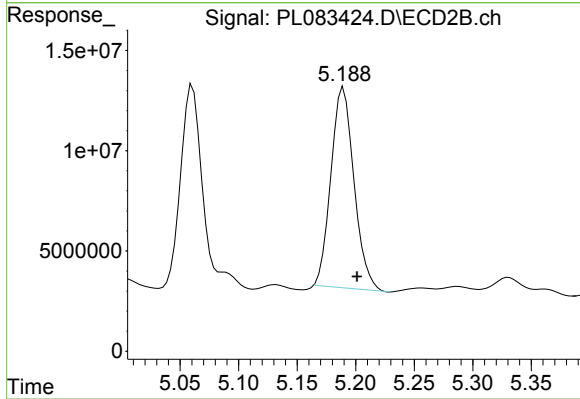
#13 Dieldrin

R.T.: 6.085 min  
Delta R.T.: -0.010 min  
Response: 142698922  
Conc: 47.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

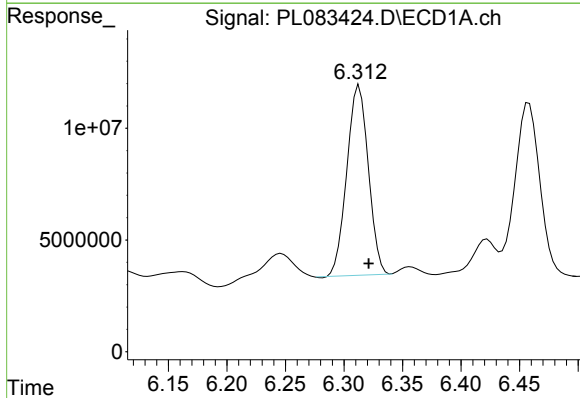
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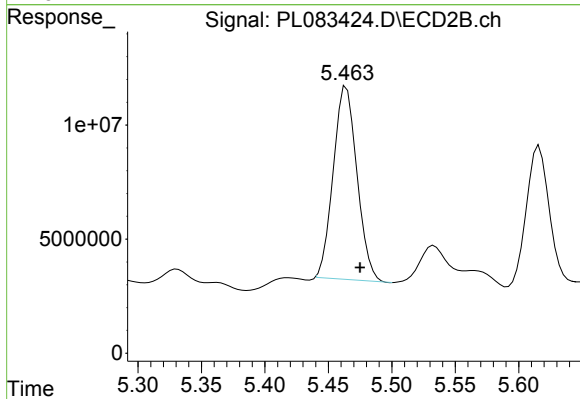
#13 Dieldrin

R.T.: 5.190 min  
Delta R.T.: -0.012 min  
Response: 137078109  
Conc: 48.56 ng/ml



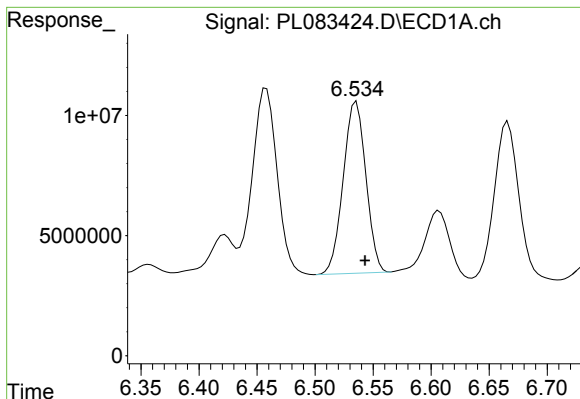
#14 Endrin

R.T.: 6.313 min  
Delta R.T.: -0.008 min  
Response: 108606467  
Conc: 40.42 ng/ml



#14 Endrin

R.T.: 5.464 min  
Delta R.T.: -0.011 min  
Response: 110109878  
Conc: 43.40 ng/ml



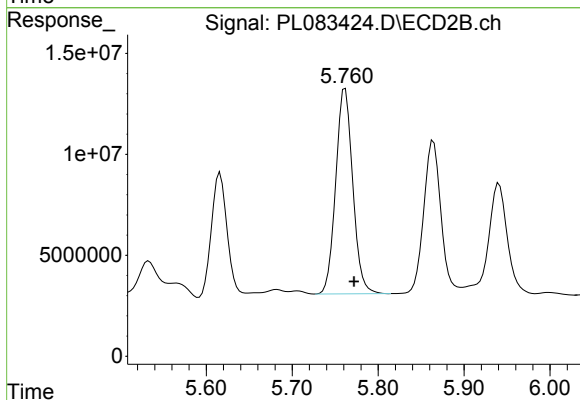
#15 Endosulfan II

R.T.: 6.535 min  
Delta R.T.: -0.008 min  
Response: 97016867  
Conc: 35.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

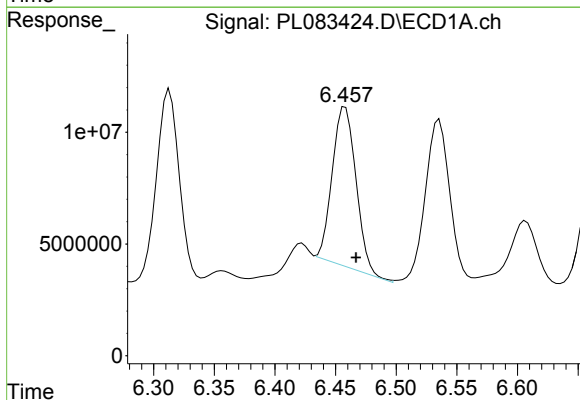
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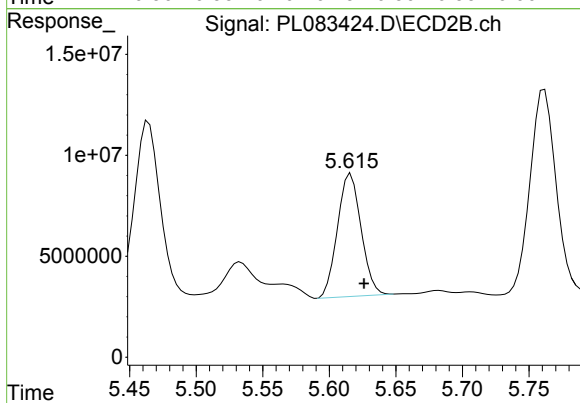
#15 Endosulfan II

R.T.: 5.762 min  
Delta R.T.: -0.010 min  
Response: 139925102  
Conc: 56.55 ng/ml



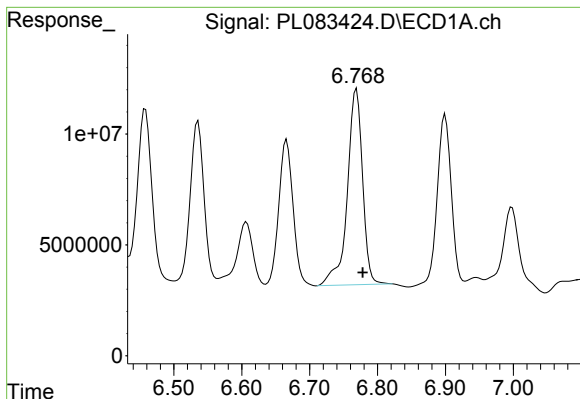
#16 4,4'-DDD

R.T.: 6.457 min  
Delta R.T.: -0.010 min  
Response: 96548392  
Conc: 44.43 ng/ml m



#16 4,4'-DDD

R.T.: 5.616 min  
Delta R.T.: -0.010 min  
Response: 75040843  
Conc: 39.02 ng/ml



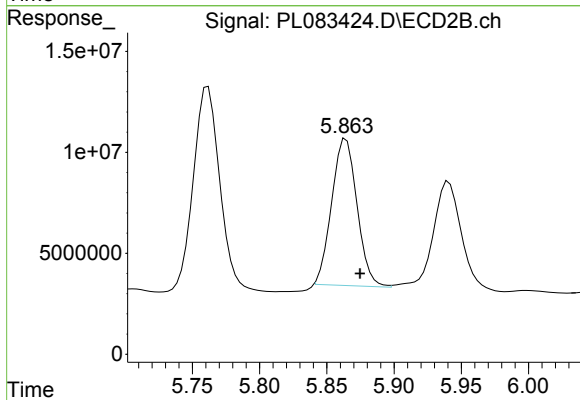
#17 4,4'-DDT

R.T.: 6.769 min  
Delta R.T.: -0.009 min  
Response: 137944171  
Conc: 55.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

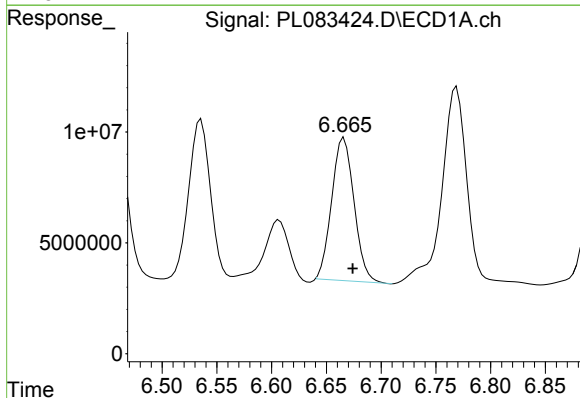
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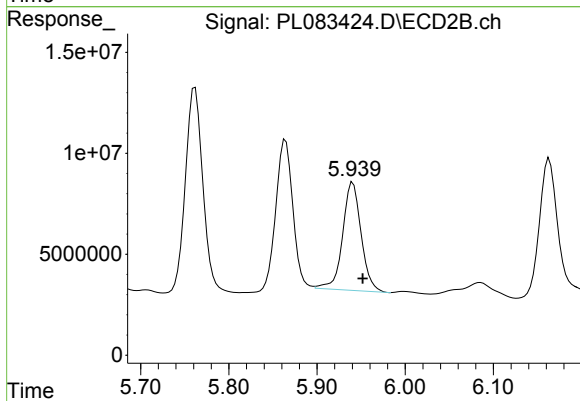
#17 4,4'-DDT

R.T.: 5.864 min  
Delta R.T.: -0.010 min  
Response: 94938388  
Conc: 42.55 ng/ml



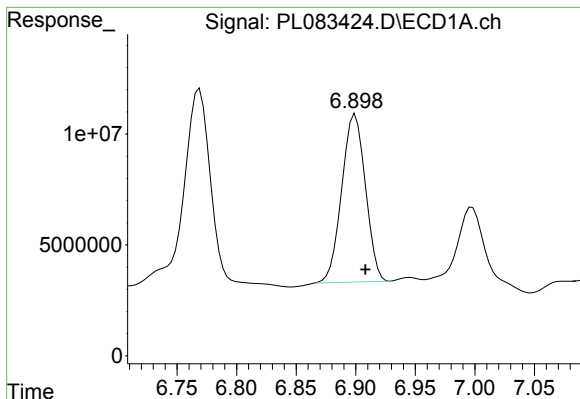
#18 Endrin aldehyde

R.T.: 6.666 min  
Delta R.T.: -0.008 min  
Response: 91480690  
Conc: 45.50 ng/ml



#18 Endrin aldehyde

R.T.: 5.941 min  
Delta R.T.: -0.011 min  
Response: 78139407  
Conc: 39.51 ng/ml



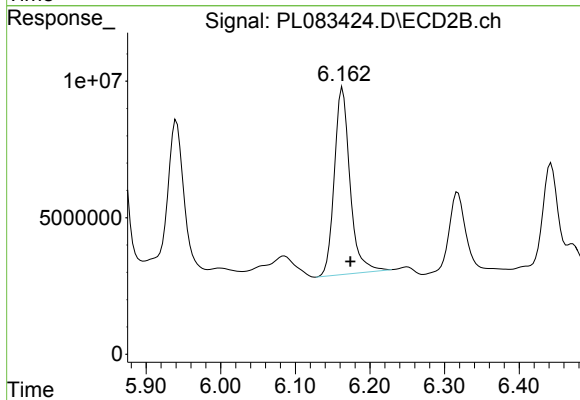
#19 Endosulfan Sulfate

R.T.: 6.900 min  
Delta R.T.: -0.008 min  
Response: 104795573  
Conc: 40.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

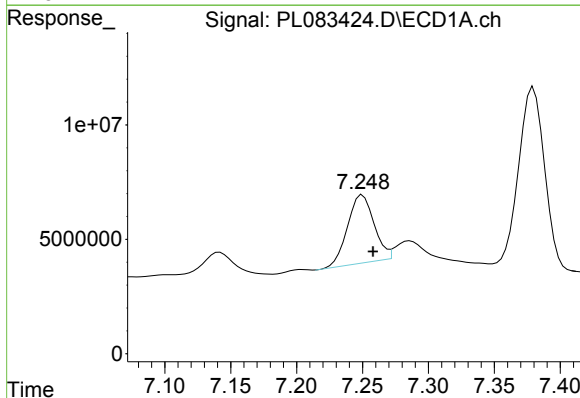
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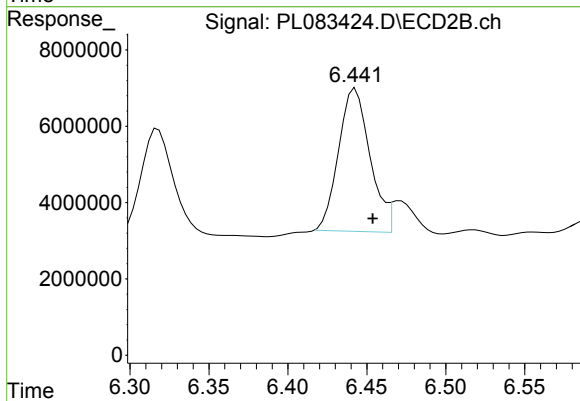
#19 Endosulfan Sulfate

R.T.: 6.163 min  
Delta R.T.: -0.011 min  
Response: 99899705  
Conc: 40.79 ng/ml



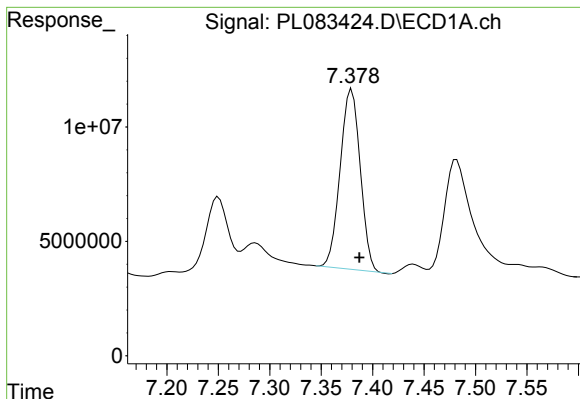
#20 Methoxychlor

R.T.: 7.250 min  
Delta R.T.: -0.008 min  
Response: 41326155  
Conc: 31.25 ng/ml



#20 Methoxychlor

R.T.: 6.443 min  
Delta R.T.: -0.011 min  
Response: 51964602  
Conc: 40.86 ng/ml



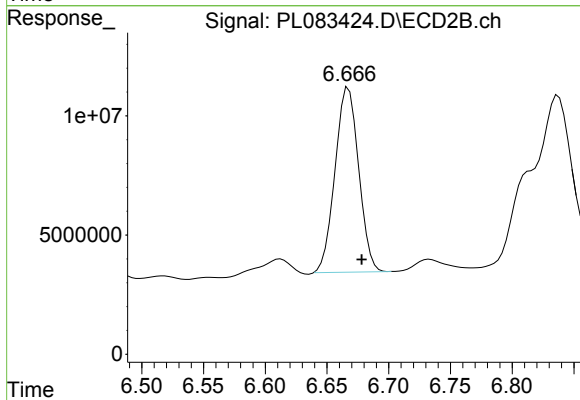
#21 Endrin ketone

R.T.: 7.380 min  
Delta R.T.: -0.007 min  
Response: 106489103  
Conc: 41.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

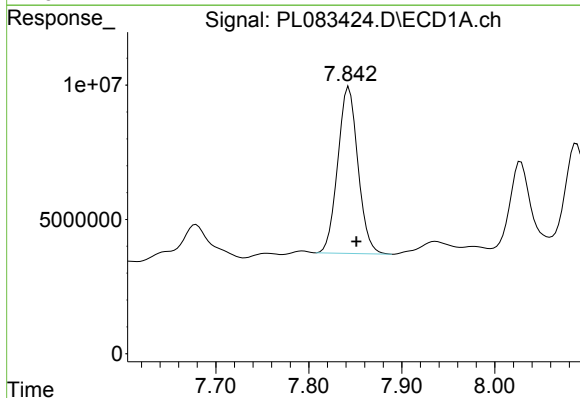
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/15/2023  
Supervised By :Ankita Jodhani 06/15/2023



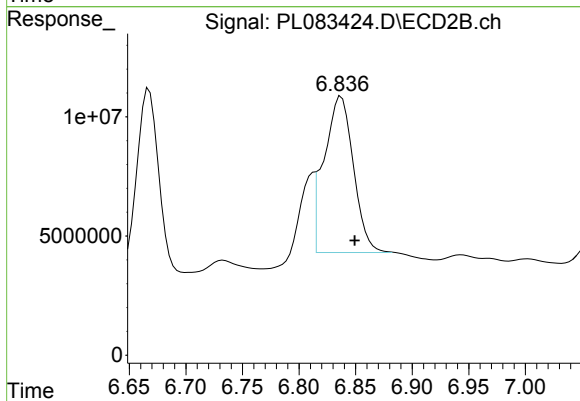
#21 Endrin ketone

R.T.: 6.667 min  
Delta R.T.: -0.011 min  
Response: 103120218  
Conc: 38.14 ng/ml



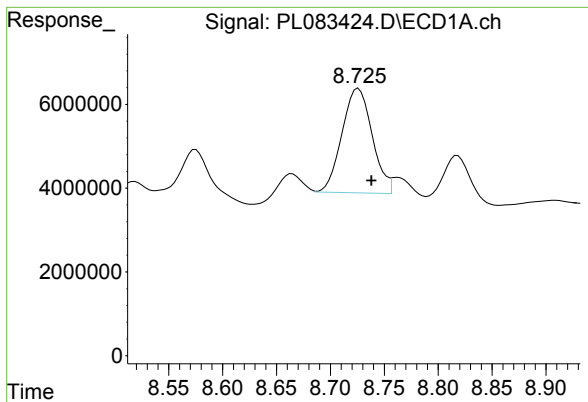
#22 Mirex

R.T.: 7.843 min  
Delta R.T.: -0.008 min  
Response: 93444674  
Conc: 44.58 ng/ml



#22 Mirex

R.T.: 6.836 min  
Delta R.T.: -0.013 min  
Response: 115683846  
Conc: 49.44 ng/ml m



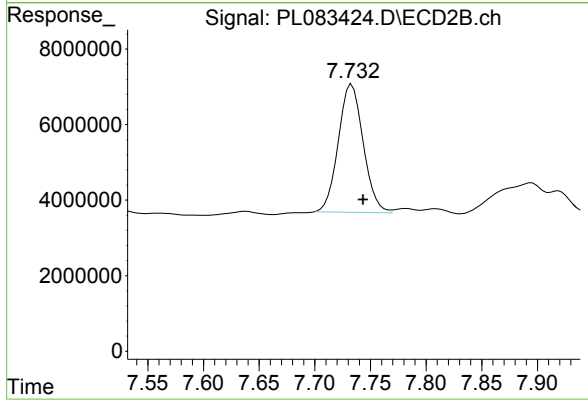
#28 Decachlorobiphenyl

R.T.: 8.725 min  
Delta R.T.: -0.013 min  
Response: 49069669  
Conc: 23.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-4194MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/15/2023  
Supervised By :Ankita Jodhani 06/15/2023



#28 Decachlorobiphenyl

R.T.: 7.733 min  
Delta R.T.: -0.010 min  
Response: 52781643  
Conc: 21.23 ng/ml