

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092623\  
 Data File : PL085523.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2023 17:17  
 Operator : AR\AJ  
 Sample : 04601-04MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-2MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/27/2023  
 Supervised By : Ankita Jodhani 09/27/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 26 23:21:57 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 26 01:26:21 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... | 3.414 | 2.650 | 36542495 | 16544544 | 14.208  | 14.581  |
| 28)                         | SA Decachlor... | 8.944 | 7.825 | 30129156 | 17486830 | 14.682  | 14.729  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.870 | 3.152 | 147.9E6  | 69561775 | 40.499  | 42.064  |
| 3)                          | MA gamma-BHC... | 4.202 | 3.482 | 141.1E6  | 64369683 | 39.794  | 40.145  |
| 4)                          | MA Heptachlor   | 4.792 | 3.821 | 143.0E6  | 67491287 | 42.377  | 44.157  |
| 5)                          | MB Aldrin       | 5.133 | 4.099 | 132.8E6  | 68048888 | 39.584  | 44.593  |
| 6)                          | B beta-BHC      | 4.403 | 3.785 | 65900188 | 27818580 | 42.200  | 41.246  |
| 7)                          | B delta-BHC     | 4.648 | 4.012 | 136.7E6  | 62965361 | 39.760  | 40.666  |
| 8)                          | B Heptachlo...  | 5.561 | 4.606 | 116.4E6  | 57564665 | 40.542m | 42.707  |
| 9)                          | A Endosulfan I  | 5.948 | 4.974 | 112.5E6  | 54354153 | 41.180  | 42.546m |
| 10)                         | B gamma-Chl...  | 5.820 | 4.858 | 119.0E6  | 57892903 | 41.012  | 43.159  |
| 11)                         | B alpha-Chl...  | 5.900 | 4.922 | 117.5E6  | 58213642 | 40.699  | 42.342  |
| 12)                         | B 4,4'-DDE      | 6.082 | 5.122 | 101.6E6  | 52026971 | 40.899  | 43.217  |
| 13)                         | MA Dieldrin     | 6.225 | 5.242 | 113.5E6  | 57466992 | 40.018  | 42.053  |
| 14)                         | MA Endrin       | 6.455 | 5.517 | 101.2E6  | 54618489 | 42.481  | 45.228  |
| 15)                         | B Endosulfa...  | 6.677 | 5.815 | 95718101 | 49807109 | 36.639  | 41.340  |
| 16)                         | A 4,4'-DDD      | 6.601 | 5.680 | 84250826 | 43051335 | 42.008  | 42.926  |
| 17)                         | MA 4,4'-DDT     | 6.917 | 5.932 | 95093492 | 48731566 | 45.295  | 45.384  |
| 18)                         | B Endrin al...  | 6.808 | 5.998 | 73793734 | 41577179 | 40.925  | 42.295  |
| 19)                         | B Endosulfa...  | 7.044 | 6.222 | 94525372 | 49449928 | 40.820  | 43.643  |
| 20)                         | A Methoxychlor  | 7.402 | 6.517 | 55382206 | 28331200 | 41.578  | 44.684  |
| 21)                         | B Endrin ke...  | 7.528 | 6.726 | 97420052 | 61579457 | 39.097  | 39.341  |
| 22)                         | Mirex           | 8.003 | 6.905 | 84546575 | 48122521 | 42.777  | 42.594  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092623\  
 Data File : PL085523.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2023 17:17  
 Operator : AR\AJ  
 Sample : 04601-04MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

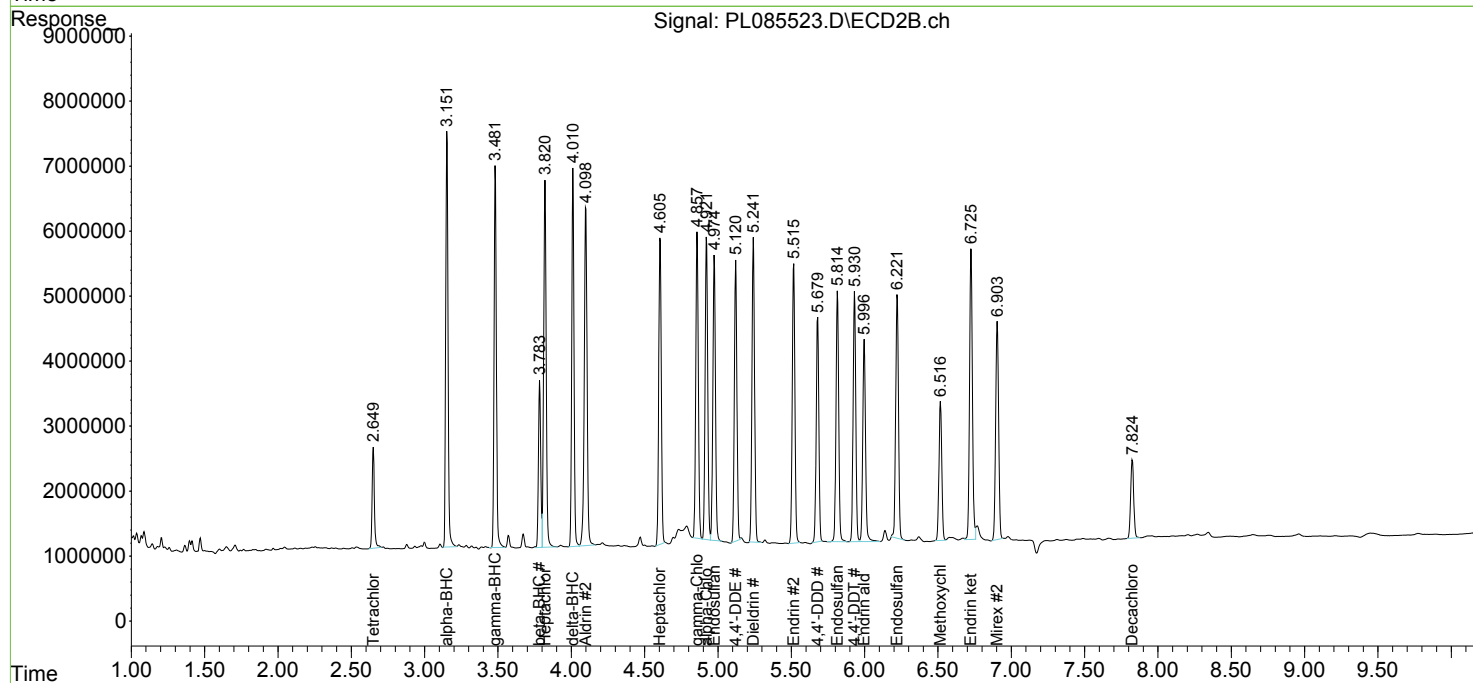
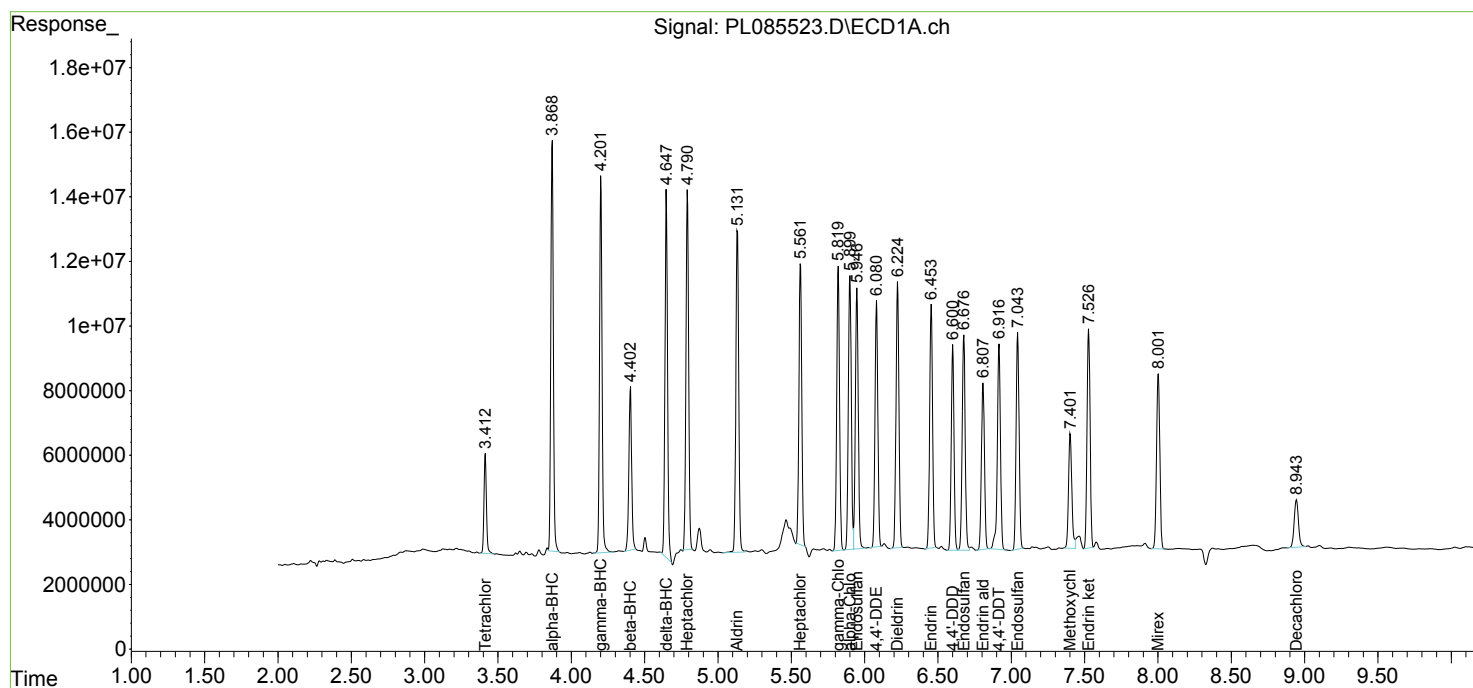
Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-2MS

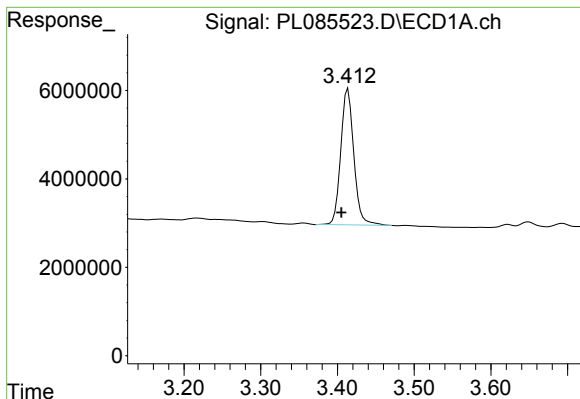
### Manual Integrations APPROVED

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 26 23:21:57 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 26 01:26:21 2023  
 Response via : Initial Calibration  
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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





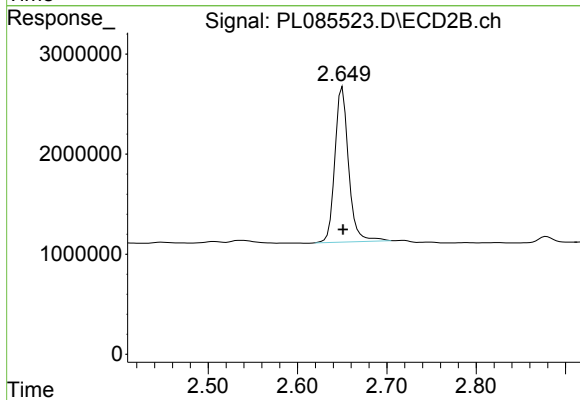
#1 Tetrachloro-m-xylene

R.T.: 3.414 min  
Delta R.T.: 0.009 min  
Response: 36542495  
Conc: 14.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

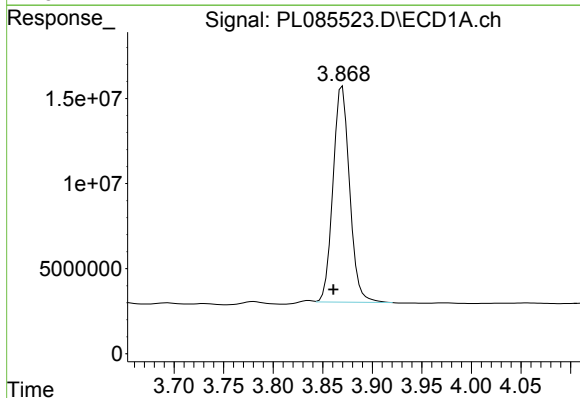
Manual Integrations  
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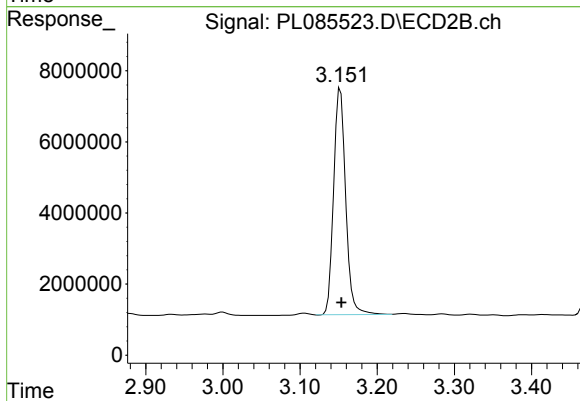
#1 Tetrachloro-m-xylene

R.T.: 2.650 min  
Delta R.T.: 0.000 min  
Response: 16544544  
Conc: 14.58 ng/ml



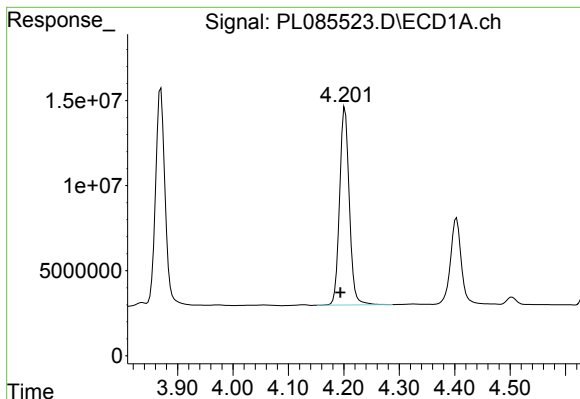
#2 alpha-BHC

R.T.: 3.870 min  
Delta R.T.: 0.009 min  
Response: 147939031  
Conc: 40.50 ng/ml



#2 alpha-BHC

R.T.: 3.152 min  
Delta R.T.: -0.001 min  
Response: 69561775  
Conc: 42.06 ng/ml



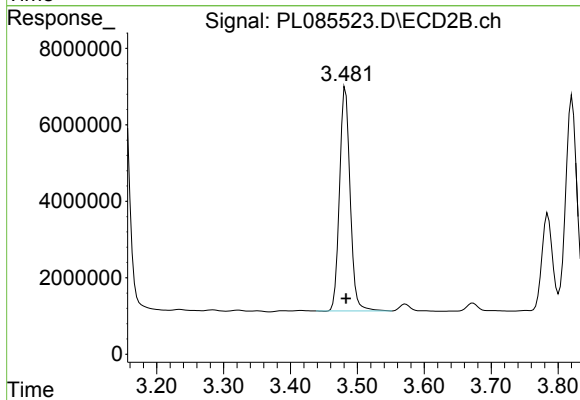
#3 gamma-BHC (Lindane)

R.T.: 4.202 min  
Delta R.T.: 0.008 min  
Response: 141124855  
Conc: 39.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

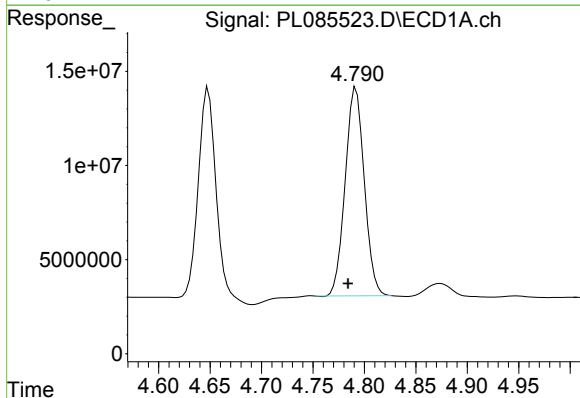
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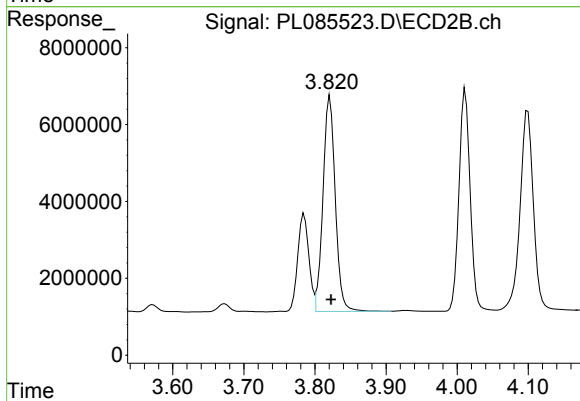
#3 gamma-BHC (Lindane)

R.T.: 3.482 min  
Delta R.T.: 0.000 min  
Response: 64369683  
Conc: 40.15 ng/ml



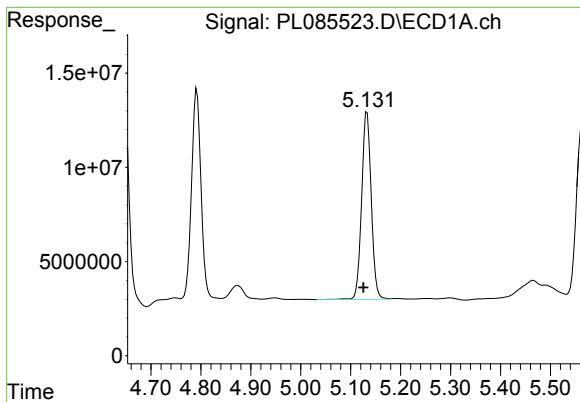
#4 Heptachlor

R.T.: 4.792 min  
Delta R.T.: 0.008 min  
Response: 143035931  
Conc: 42.38 ng/ml



#4 Heptachlor

R.T.: 3.821 min  
Delta R.T.: -0.001 min  
Response: 67491287  
Conc: 44.16 ng/ml



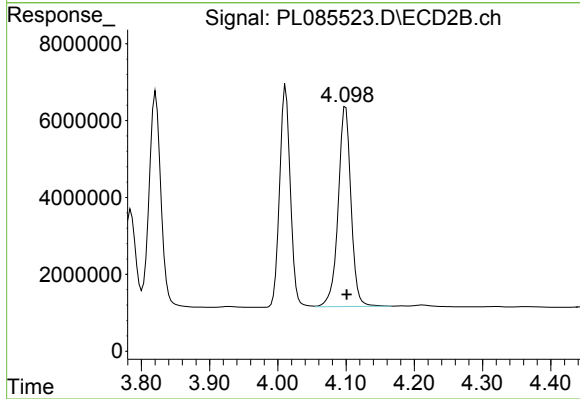
#5 Aldrin

R.T.: 5.133 min  
Delta R.T.: 0.007 min  
Response: 132778022  
Conc: 39.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

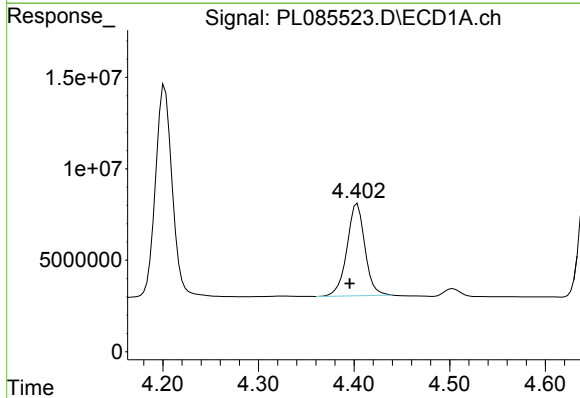
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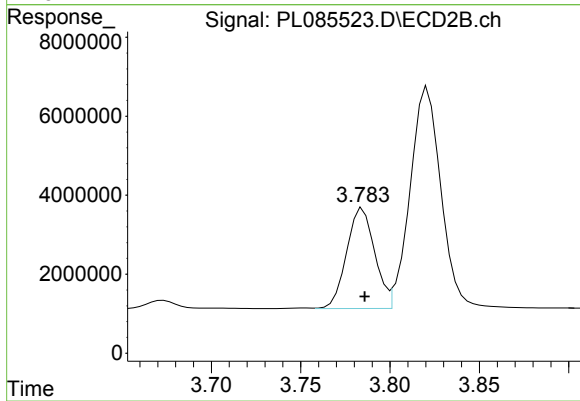
#5 Aldrin

R.T.: 4.099 min  
Delta R.T.: -0.002 min  
Response: 68048888  
Conc: 44.59 ng/ml



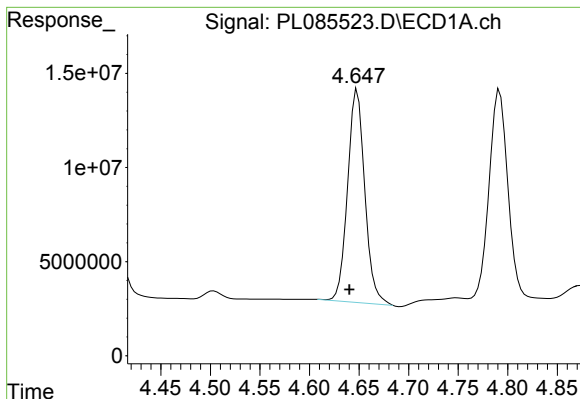
#6 beta-BHC

R.T.: 4.403 min  
Delta R.T.: 0.008 min  
Response: 65900188  
Conc: 42.20 ng/ml



#6 beta-BHC

R.T.: 3.785 min  
Delta R.T.: 0.000 min  
Response: 27818580  
Conc: 41.25 ng/ml



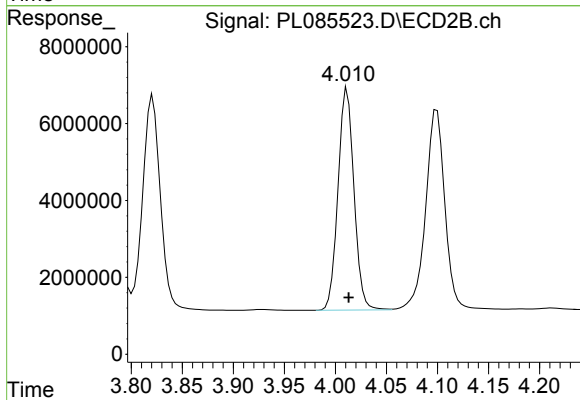
#7 delta-BHC

R.T.: 4.648 min  
Delta R.T.: 0.008 min  
Response: 136694634  
Conc: 39.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

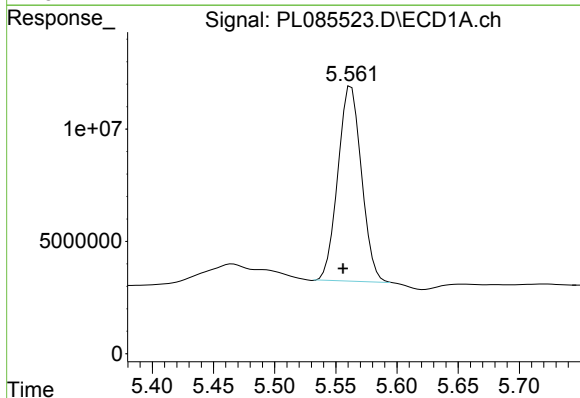
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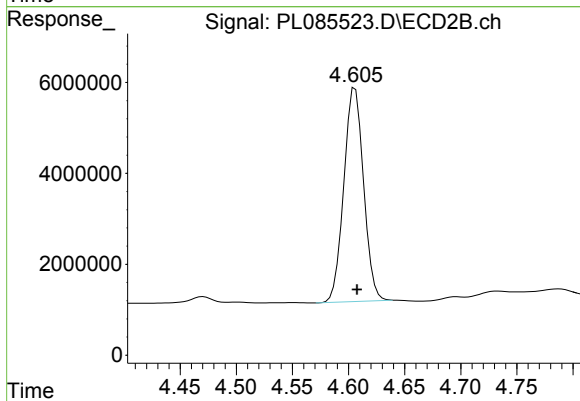
#7 delta-BHC

R.T.: 4.012 min  
Delta R.T.: -0.001 min  
Response: 62965361  
Conc: 40.67 ng/ml



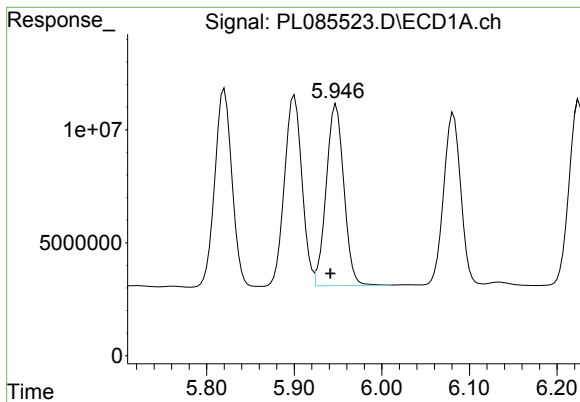
#8 Heptachlor epoxide

R.T.: 5.561 min  
Delta R.T.: 0.005 min  
Response: 116389907  
Conc: 40.54 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.606 min  
Delta R.T.: -0.002 min  
Response: 57564665  
Conc: 42.71 ng/ml



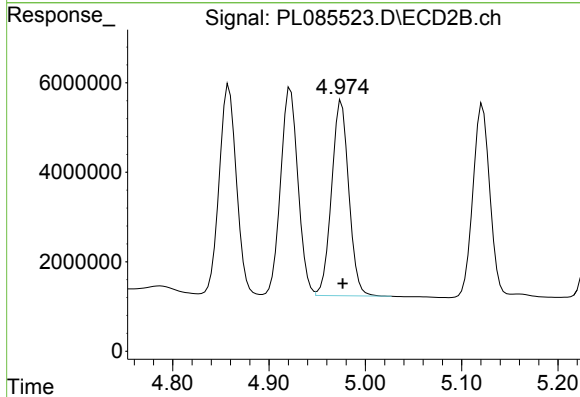
#9 Endosulfan I

R.T.: 5.948 min  
Delta R.T.: 0.006 min  
Response: 112489195  
Conc: 41.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

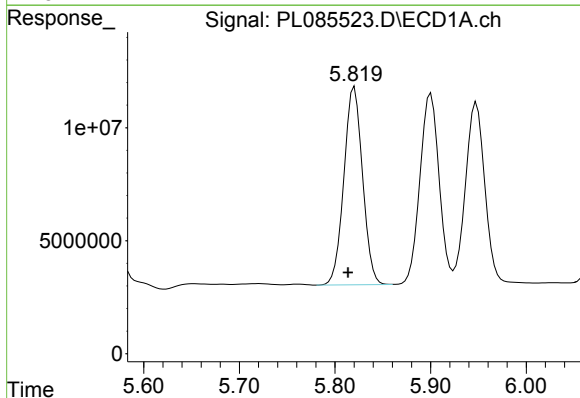
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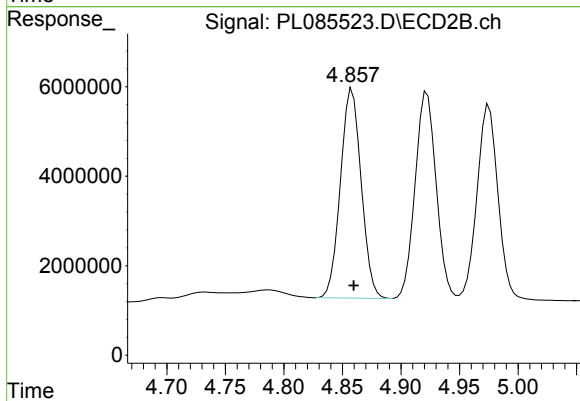
#9 Endosulfan I

R.T.: 4.974 min  
Delta R.T.: -0.003 min  
Response: 54354153  
Conc: 42.55 ng/ml m



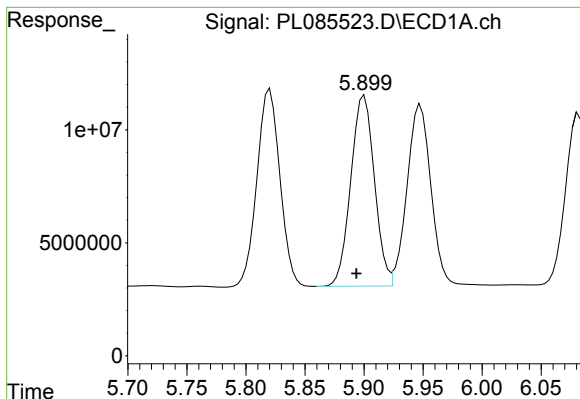
#10 gamma-Chlordane

R.T.: 5.820 min  
Delta R.T.: 0.007 min  
Response: 119019026  
Conc: 41.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.858 min  
Delta R.T.: -0.001 min  
Response: 57892903  
Conc: 43.16 ng/ml



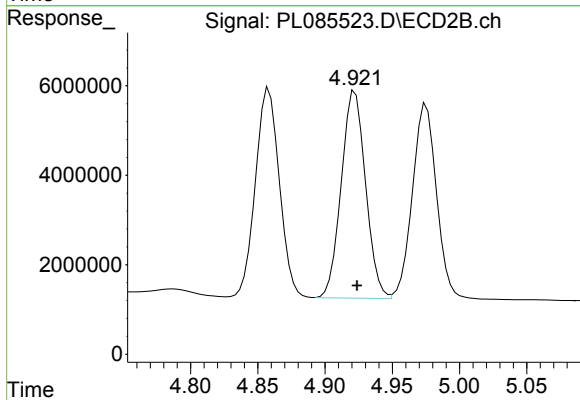
#11 alpha-Chlordane

R.T.: 5.900 min  
Delta R.T.: 0.007 min  
Response: 117483868  
Conc: 40.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

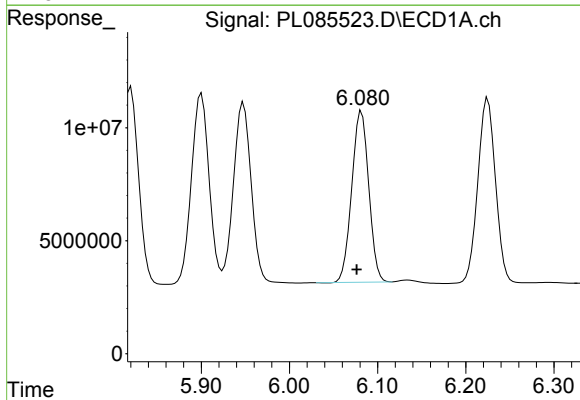
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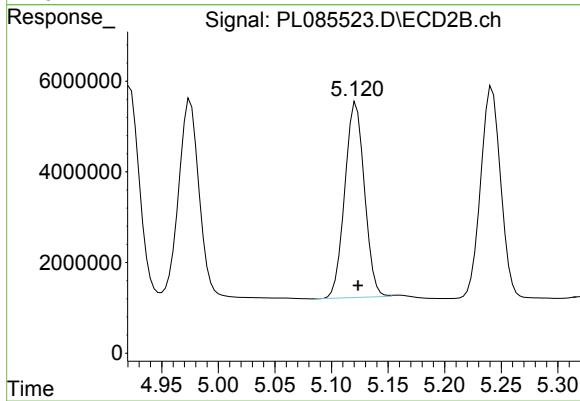
#11 alpha-Chlordane

R.T.: 4.922 min  
Delta R.T.: -0.002 min  
Response: 58213642  
Conc: 42.34 ng/ml



#12 4,4'-DDE

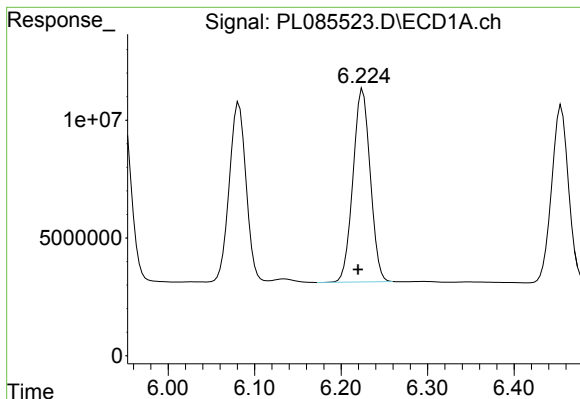
R.T.: 6.082 min  
Delta R.T.: 0.006 min  
Response: 101585886  
Conc: 40.90 ng/ml



#12 4,4'-DDE

R.T.: 5.122 min  
Delta R.T.: -0.002 min  
Response: 52026971  
Conc: 43.22 ng/ml





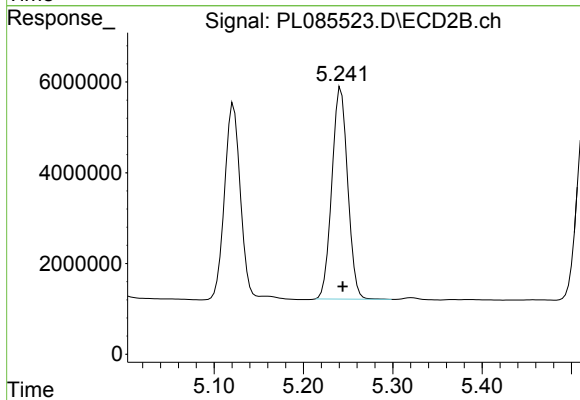
#13 Dieldrin

R.T.: 6.225 min  
Delta R.T.: 0.005 min  
Response: 113506423  
Conc: 40.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

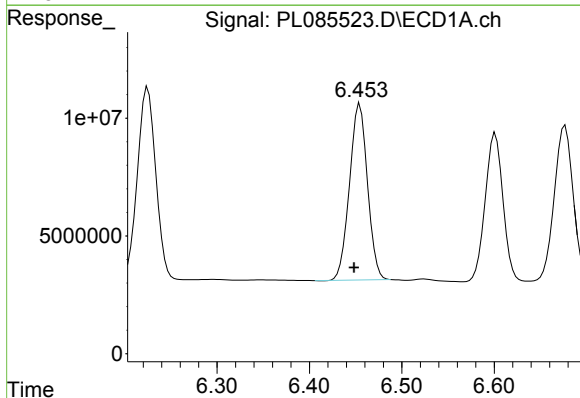
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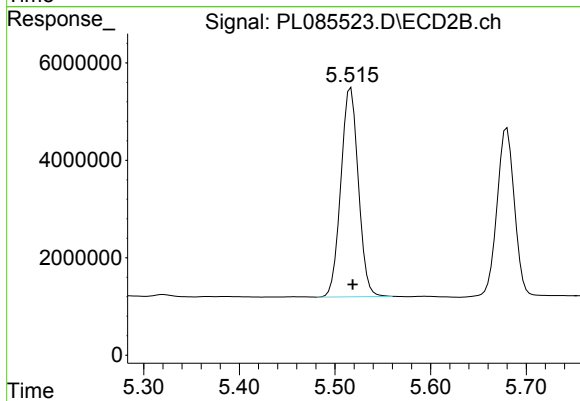
#13 Dieldrin

R.T.: 5.242 min  
Delta R.T.: -0.002 min  
Response: 57466992  
Conc: 42.05 ng/ml



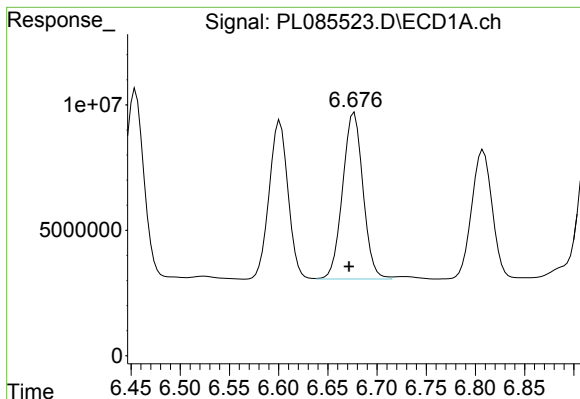
#14 Endrin

R.T.: 6.455 min  
Delta R.T.: 0.006 min  
Response: 101223619  
Conc: 42.48 ng/ml



#14 Endrin

R.T.: 5.517 min  
Delta R.T.: -0.002 min  
Response: 54618489  
Conc: 45.23 ng/ml



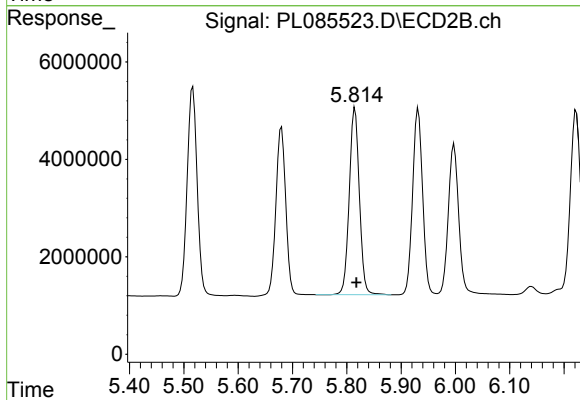
#15 Endosulfan II

R.T.: 6.677 min  
Delta R.T.: 0.005 min  
Response: 95718101  
Conc: 36.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

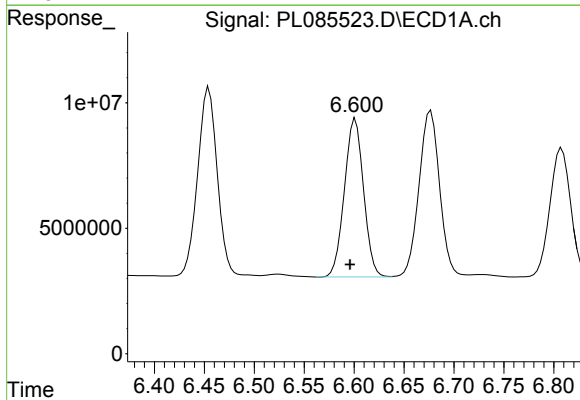
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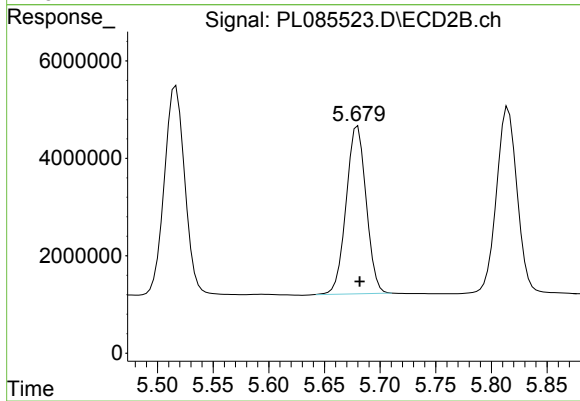
#15 Endosulfan II

R.T.: 5.815 min  
Delta R.T.: -0.002 min  
Response: 49807109  
Conc: 41.34 ng/ml



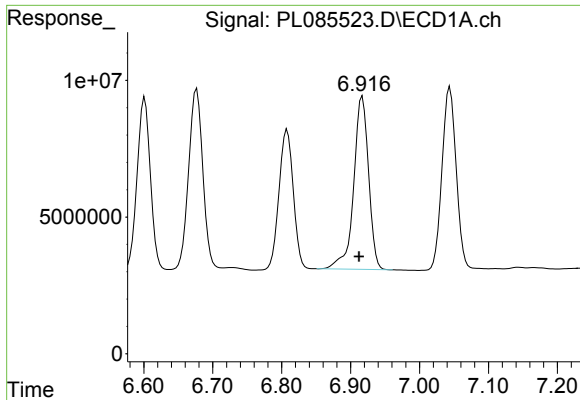
#16 4,4'-DDD

R.T.: 6.601 min  
Delta R.T.: 0.005 min  
Response: 84250826  
Conc: 42.01 ng/ml



#16 4,4'-DDD

R.T.: 5.680 min  
Delta R.T.: -0.002 min  
Response: 43051335  
Conc: 42.93 ng/ml



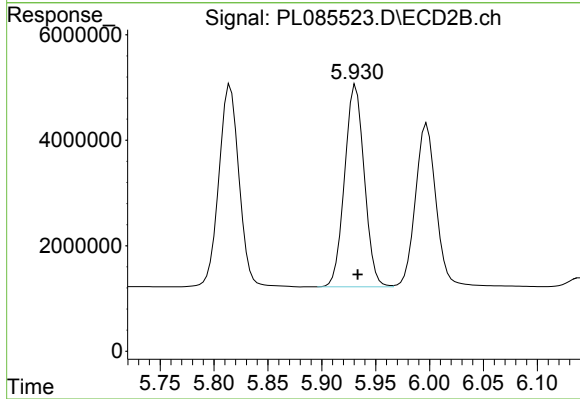
#17 4,4'-DDT

R.T.: 6.917 min  
Delta R.T.: 0.005 min  
Response: 95093492  
Conc: 45.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

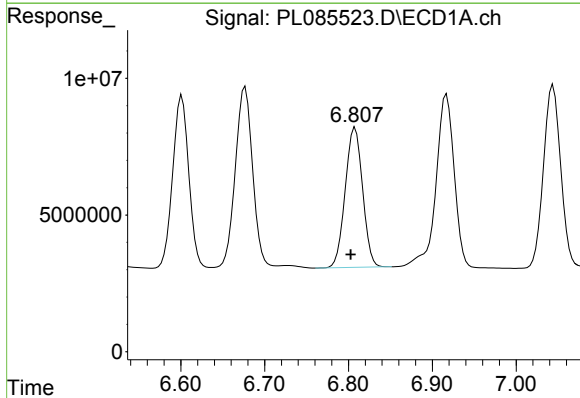
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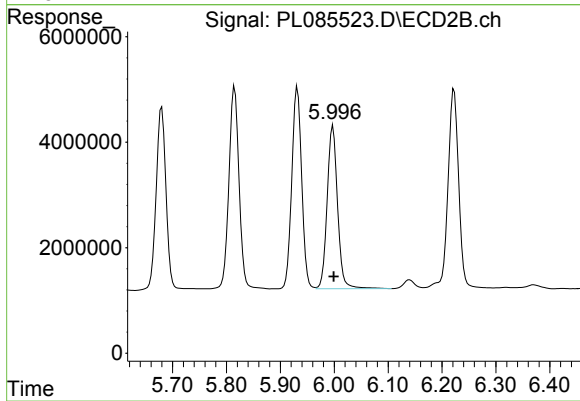
#17 4,4'-DDT

R.T.: 5.932 min  
Delta R.T.: -0.002 min  
Response: 48731566  
Conc: 45.38 ng/ml



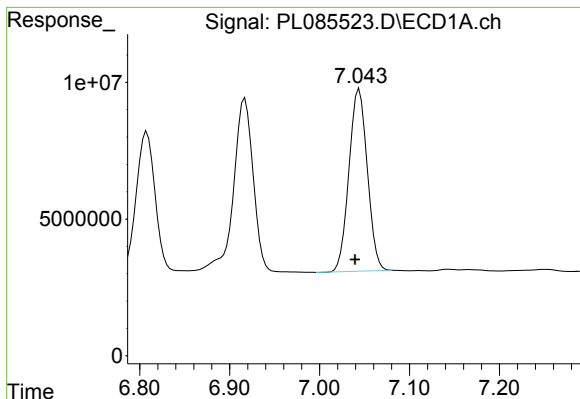
#18 Endrin aldehyde

R.T.: 6.808 min  
Delta R.T.: 0.005 min  
Response: 73793734  
Conc: 40.93 ng/ml



#18 Endrin aldehyde

R.T.: 5.998 min  
Delta R.T.: -0.001 min  
Response: 41577179  
Conc: 42.29 ng/ml



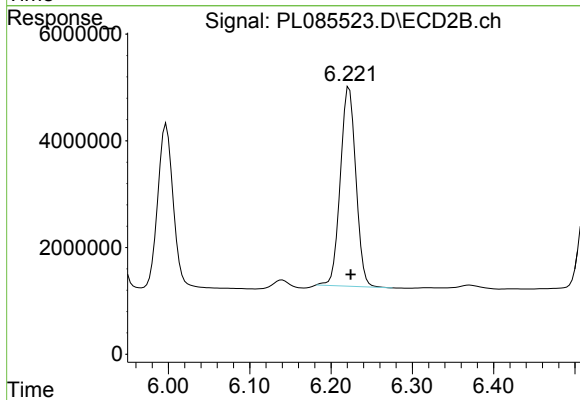
#19 Endosulfan Sulfate

R.T.: 7.044 min  
Delta R.T.: 0.005 min  
Response: 94525372  
Conc: 40.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

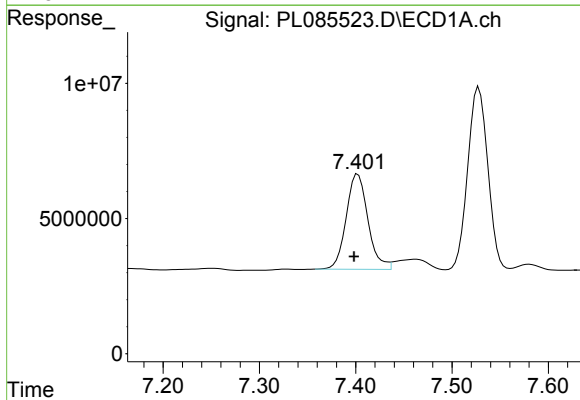
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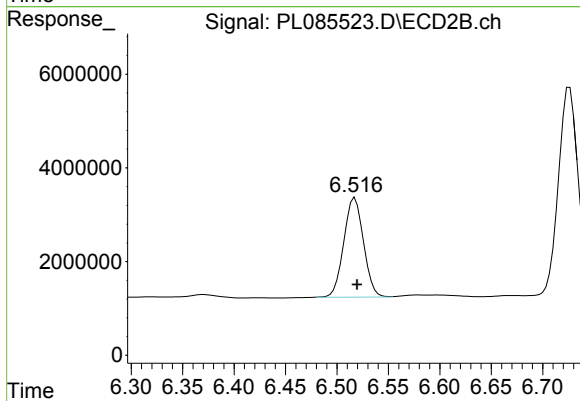
#19 Endosulfan Sulfate

R.T.: 6.222 min  
Delta R.T.: -0.002 min  
Response: 49449928  
Conc: 43.64 ng/ml



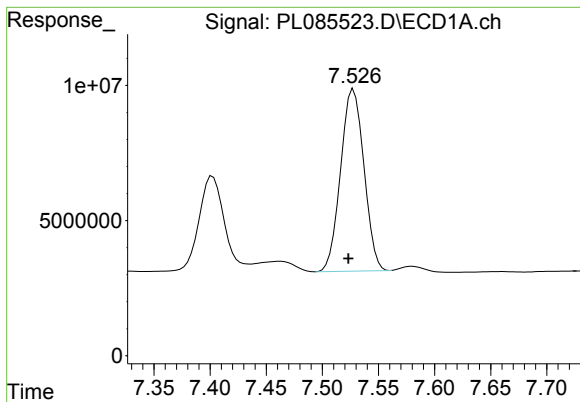
#20 Methoxychlor

R.T.: 7.402 min  
Delta R.T.: 0.004 min  
Response: 55382206  
Conc: 41.58 ng/ml



#20 Methoxychlor

R.T.: 6.517 min  
Delta R.T.: -0.002 min  
Response: 28331200  
Conc: 44.68 ng/ml



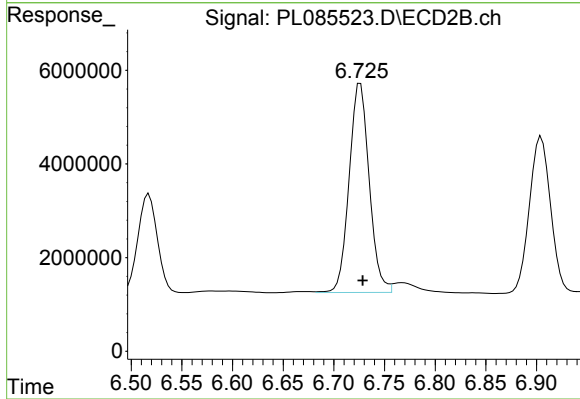
#21 Endrin ketone

R.T.: 7.528 min  
Delta R.T.: 0.005 min  
Response: 97420052  
Conc: 39.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

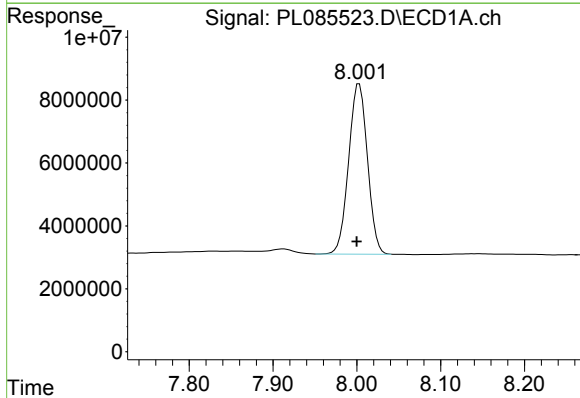
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/27/2023  
Supervised By :Ankita Jodhani 09/27/2023



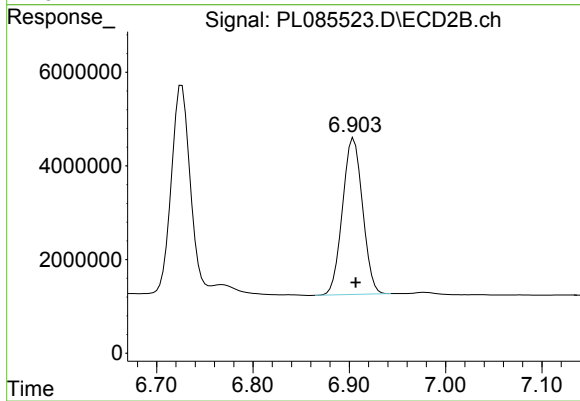
#21 Endrin ketone

R.T.: 6.726 min  
Delta R.T.: -0.002 min  
Response: 61579457  
Conc: 39.34 ng/ml



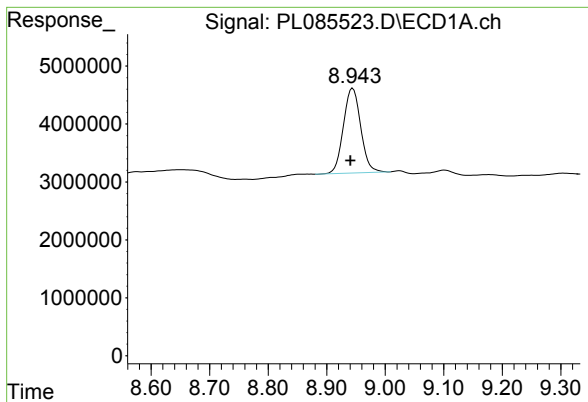
#22 Mirex

R.T.: 8.003 min  
Delta R.T.: 0.003 min  
Response: 84546575  
Conc: 42.78 ng/ml



#22 Mirex

R.T.: 6.905 min  
Delta R.T.: -0.002 min  
Response: 48122521  
Conc: 42.59 ng/ml



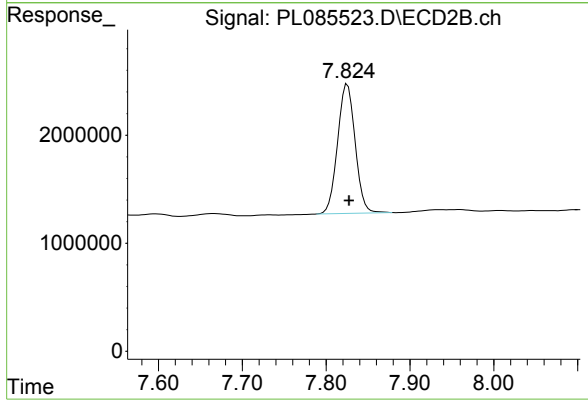
#28 Decachlorobiphenyl

R.T.: 8.944 min  
Delta R.T.: 0.004 min  
Response: 30129156  
Conc: 14.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/27/2023  
Supervised By :Ankita Jodhani 09/27/2023



#28 Decachlorobiphenyl

R.T.: 7.825 min  
Delta R.T.: -0.002 min  
Response: 17486830  
Conc: 14.73 ng/ml