

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080924\  
 Data File : PL090905.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Aug 2024 20:43  
 Operator : AR\AJ  
 Sample : PB162578BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB162578BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/09/2024  
 Supervised By :Ankita Jodhani 08/09/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 09 01:18:55 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 06 10:55:36 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... | 3.544 | 2.786 | 39473302 | 34518335 | 20.387  | 19.967  |
| 28)                         | SA Decachlor... | 9.052 | 7.924 | 30549566 | 32906915 | 21.263  | 19.714  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.289 | 136.4E6  | 130.9E6  | 49.373  | 53.149  |
| 3)                          | MA gamma-BHC... | 4.329 | 3.619 | 129.3E6  | 123.8E6  | 49.150m | 52.886  |
| 4)                          | MA Heptachlor   | 4.919 | 3.959 | 114.0E6  | 113.8E6  | 46.112  | 49.085  |
| 5)                          | MB Aldrin       | 5.260 | 4.239 | 114.6E6  | 116.5E6  | 47.656  | 52.542  |
| 6)                          | B beta-BHC      | 4.527 | 3.917 | 60087581 | 54989424 | 47.730  | 51.699  |
| 7)                          | B delta-BHC     | 4.772 | 4.147 | 122.6E6  | 120.6E6  | 48.971m | 53.982  |
| 8)                          | B Heptachlo...  | 5.686 | 4.741 | 107.9E6  | 105.6E6  | 47.465  | 51.787  |
| 9)                          | A Endosulfan I  | 6.070 | 5.110 | 98562056 | 98368841 | 47.020m | 50.940  |
| 10)                         | B gamma-Chl...  | 5.940 | 4.991 | 106.7E6  | 109.5E6  | 47.202m | 51.288  |
| 11)                         | B alpha-Chl...  | 6.021 | 5.055 | 106.5E6  | 108.3E6  | 47.549  | 50.776  |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.244 | 96840411 | 97224720 | 48.851  | 51.828  |
| 13)                         | MA Dieldrin     | 6.346 | 5.373 | 105.1E6  | 104.6E6  | 47.903  | 50.664m |
| 14)                         | MA Endrin       | 6.574 | 5.649 | 78173460 | 77130310 | 42.684m | 42.212m |
| 15)                         | B Endosulfa...  | 6.794 | 5.944 | 92944261 | 91923956 | 46.348  | 50.611  |
| 16)                         | A 4,4'-DDD      | 6.710 | 5.798 | 86342062 | 87661776 | 52.374  | 56.493  |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.047 | 71457727 | 66855818 | 40.082  | 40.317m |
| 18)                         | B Endrin al...  | 6.924 | 6.123 | 76397566 | 74460240 | 50.728  | 52.592  |
| 19)                         | B Endosulfa...  | 7.158 | 6.345 | 86369018 | 87255652 | 48.154  | 49.983  |
| 20)                         | A Methoxychlor  | 7.499 | 6.623 | 37572322 | 37205620 | 39.374  | 40.308  |
| 21)                         | B Endrin ke...  | 7.643 | 6.850 | 100.0E6  | 105.9E6  | 50.471  | 53.451m |
| 22)                         | Mirex           | 8.116 | 7.031 | 73569318 | 82253477 | 47.327  | 48.981m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080924\  
Data File : PL090905.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Aug 2024 20:43  
Operator : AR\AJ  
Sample : PB162578BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

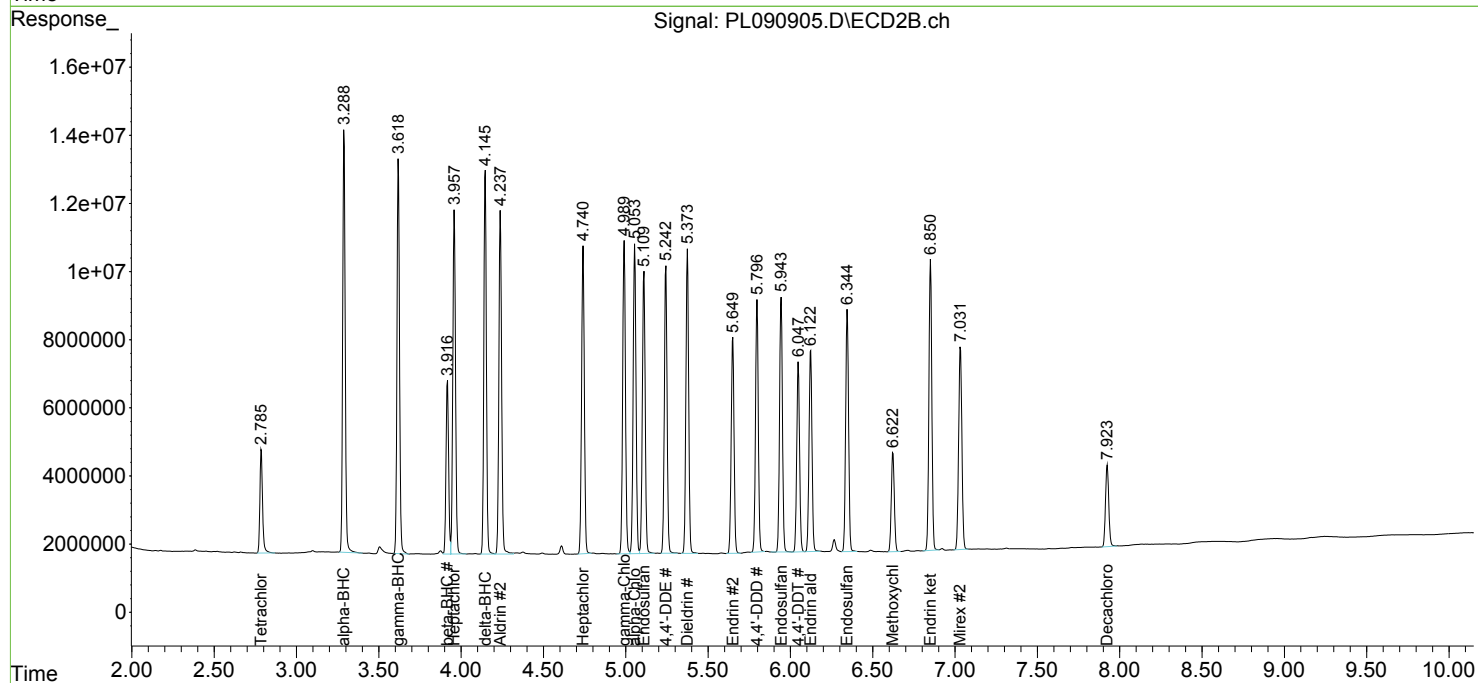
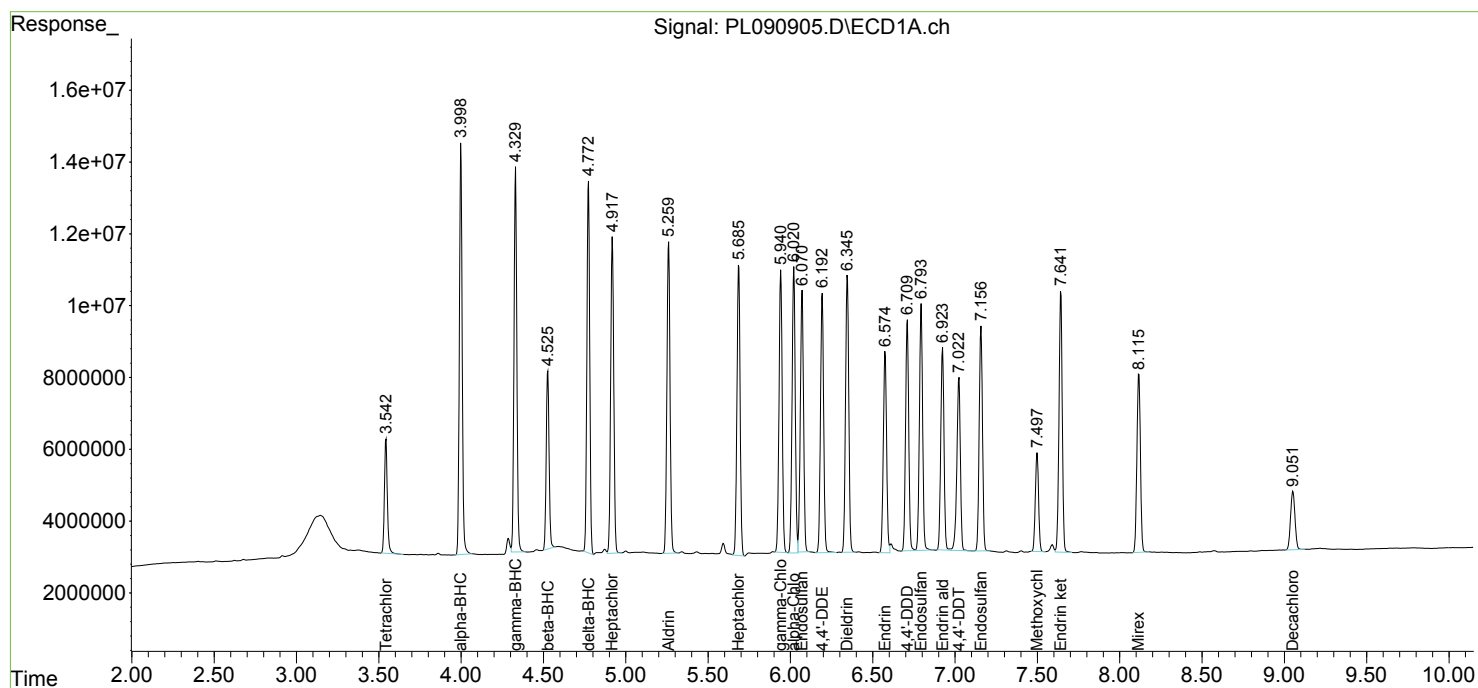
Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

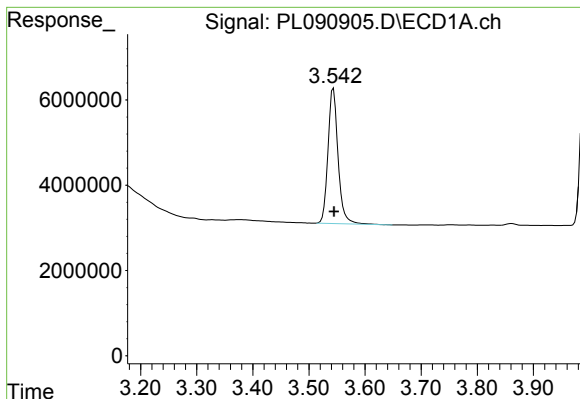
Manual Integrations  
APPROVED

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Supervised By : Ankita Jodhani 08/09/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 01:18:55 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 06 10:55:36 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





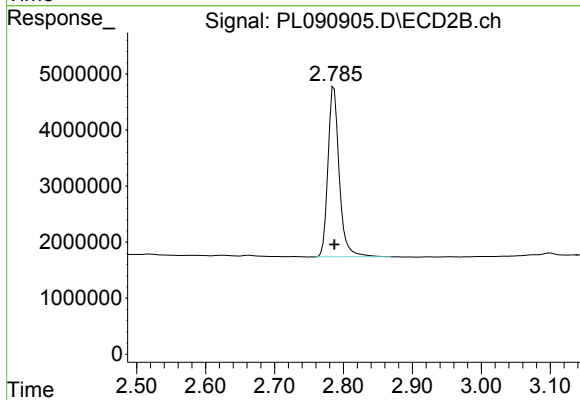
#1 Tetrachloro-m-xylene

R.T.: 3.544 min  
Delta R.T.: -0.001 min  
Response: 39473302  
Conc: 20.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

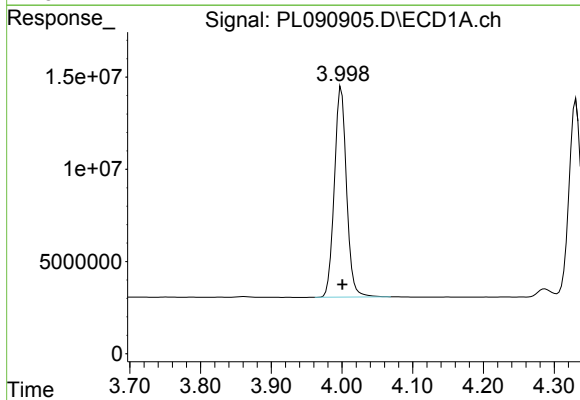
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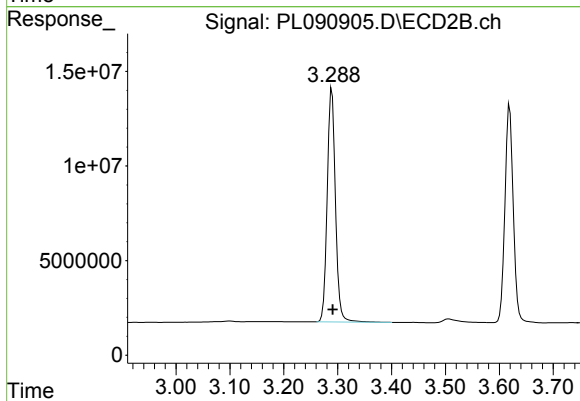
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: 0.000 min  
Response: 34518335  
Conc: 19.97 ng/ml



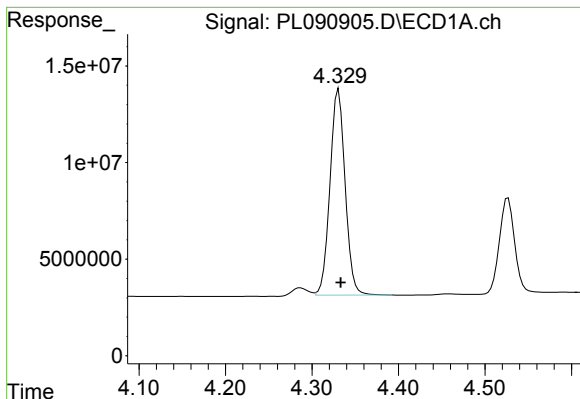
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: -0.002 min  
Response: 136377250  
Conc: 49.37 ng/ml



#2 alpha-BHC

R.T.: 3.289 min  
Delta R.T.: -0.001 min  
Response: 130928917  
Conc: 53.15 ng/ml



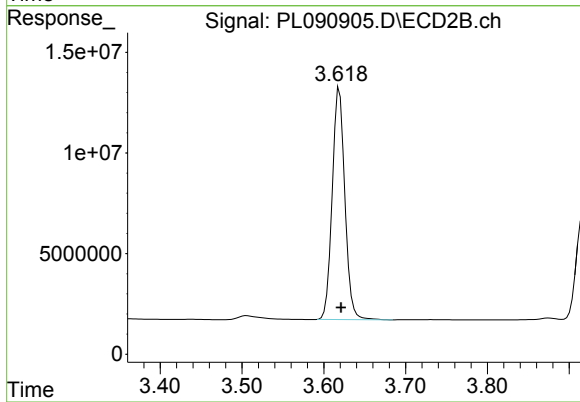
#3 gamma-BHC (Lindane)

R.T.: 4.329 min  
Delta R.T.: -0.004 min  
Response: 129268543  
Conc: 49.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

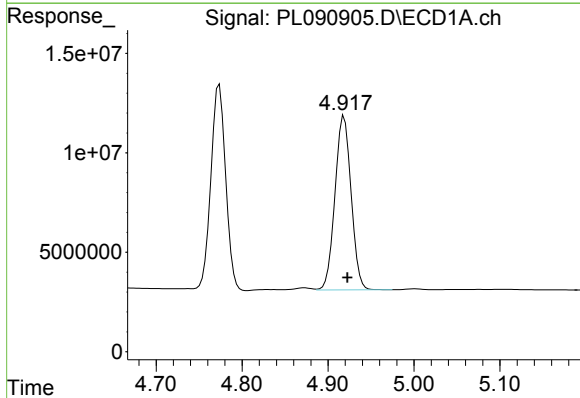
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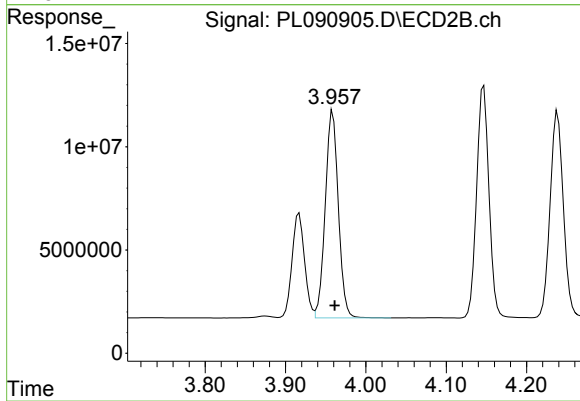
#3 gamma-BHC (Lindane)

R.T.: 3.619 min  
Delta R.T.: -0.002 min  
Response: 123817017  
Conc: 52.89 ng/ml



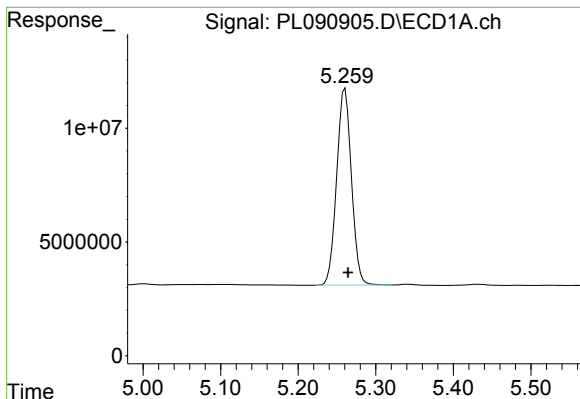
#4 Heptachlor

R.T.: 4.919 min  
Delta R.T.: -0.004 min  
Response: 114037362  
Conc: 46.11 ng/ml



#4 Heptachlor

R.T.: 3.959 min  
Delta R.T.: -0.003 min  
Response: 113806415  
Conc: 49.08 ng/ml



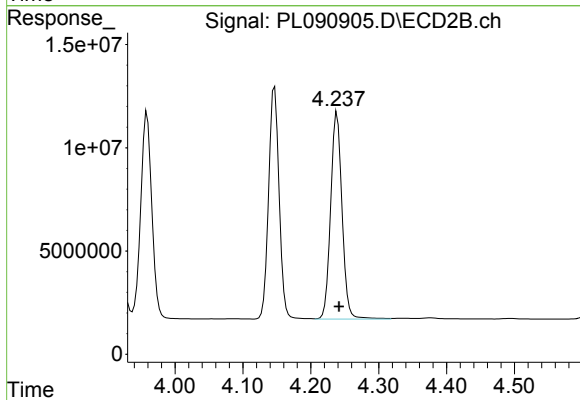
#5 Aldrin

R.T.: 5.260 min  
Delta R.T.: -0.004 min  
Response: 114555998  
Conc: 47.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

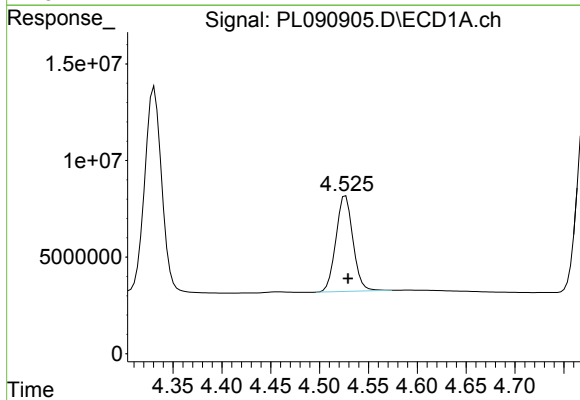
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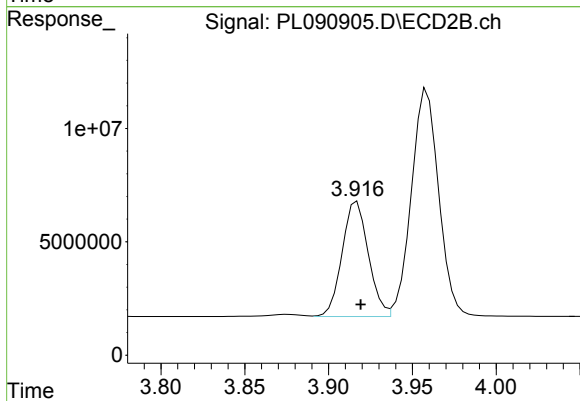
#5 Aldrin

R.T.: 4.239 min  
Delta R.T.: -0.003 min  
Response: 116491130  
Conc: 52.54 ng/ml



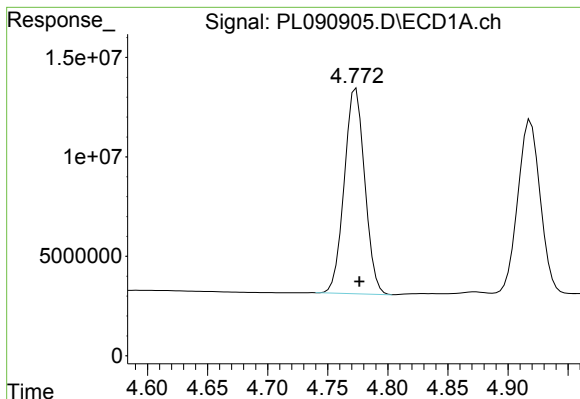
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: -0.002 min  
Response: 60087581  
Conc: 47.73 ng/ml



#6 beta-BHC

R.T.: 3.917 min  
Delta R.T.: -0.002 min  
Response: 54989424  
Conc: 51.70 ng/ml



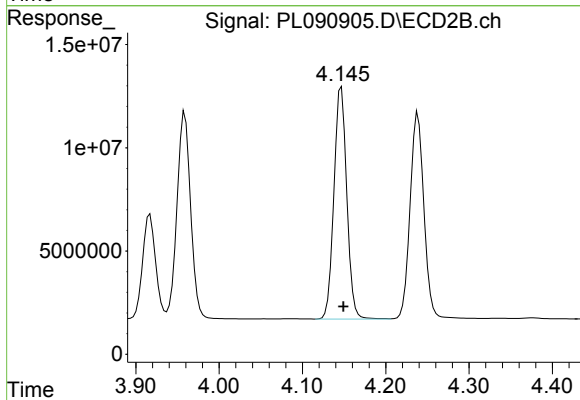
#7 delta-BHC

R.T.: 4.772 min  
Delta R.T.: -0.004 min  
Response: 122597090  
Conc: 48.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

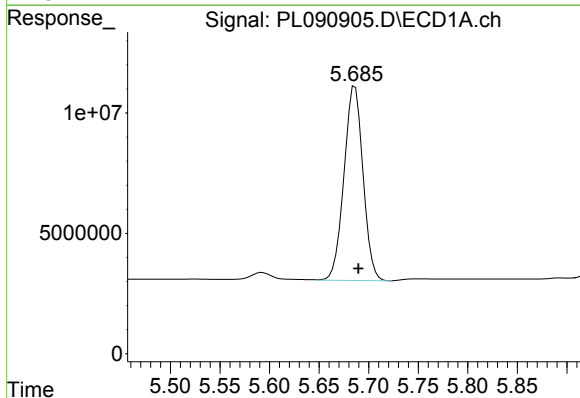
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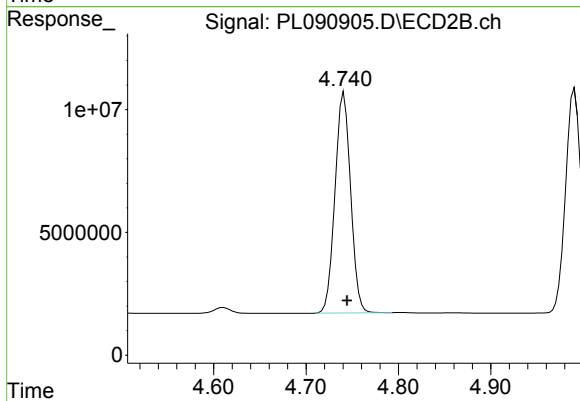
#7 delta-BHC

R.T.: 4.147 min  
Delta R.T.: -0.003 min  
Response: 120638245  
Conc: 53.98 ng/ml



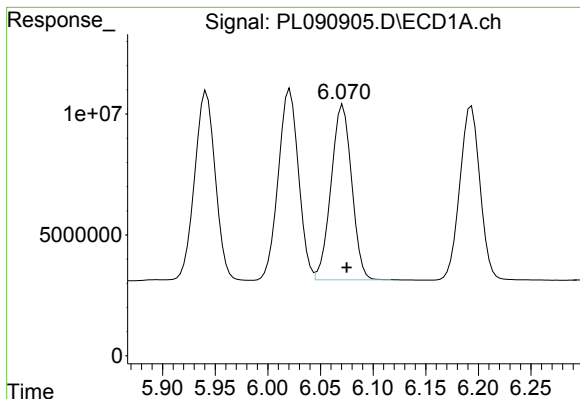
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.003 min  
Response: 107861880  
Conc: 47.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.741 min  
Delta R.T.: -0.003 min  
Response: 105559047  
Conc: 51.79 ng/ml



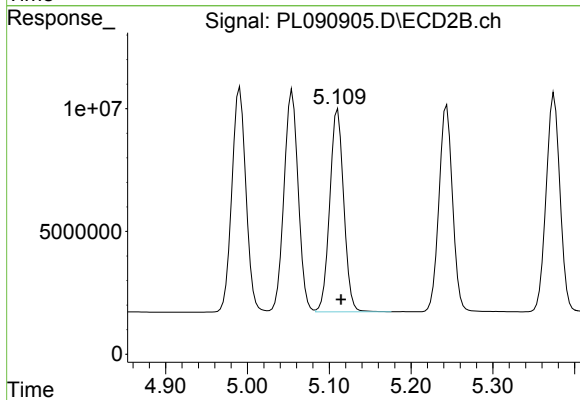
#9 Endosulfan I

R.T.: 6.070 min  
Delta R.T.: -0.005 min  
Response: 98562056  
Conc: 47.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

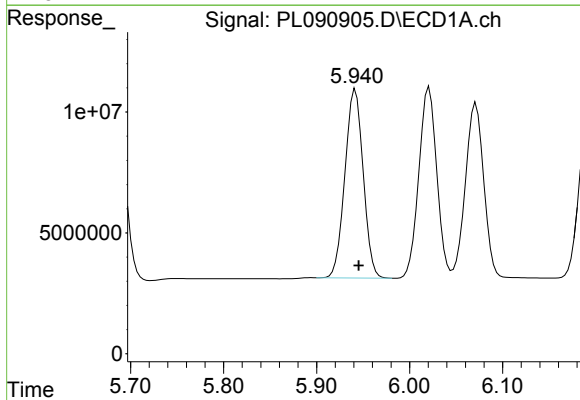
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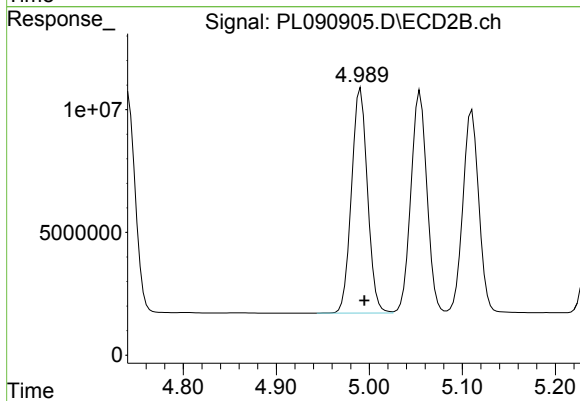
#9 Endosulfan I

R.T.: 5.110 min  
Delta R.T.: -0.004 min  
Response: 98368841  
Conc: 50.94 ng/ml



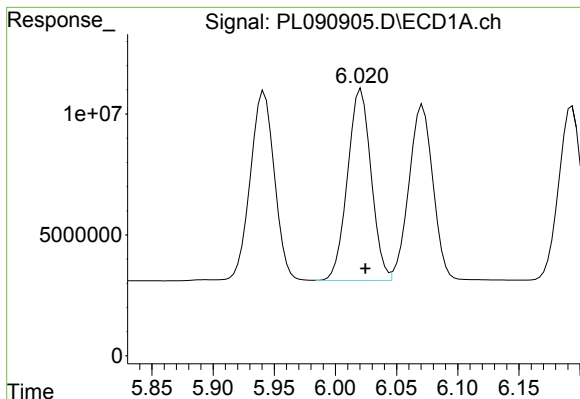
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: -0.005 min  
Response: 106655813  
Conc: 47.20 ng/ml m



#10 gamma-Chlordane

R.T.: 4.991 min  
Delta R.T.: -0.004 min  
Response: 109531632  
Conc: 51.29 ng/ml



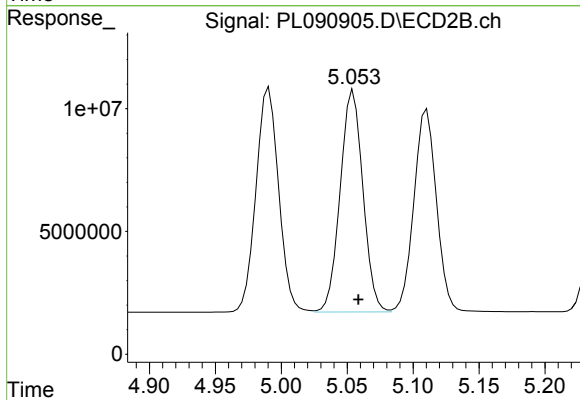
#11 alpha-Chlordane

R.T.: 6.021 min  
Delta R.T.: -0.003 min  
Response: 106489756  
Conc: 47.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

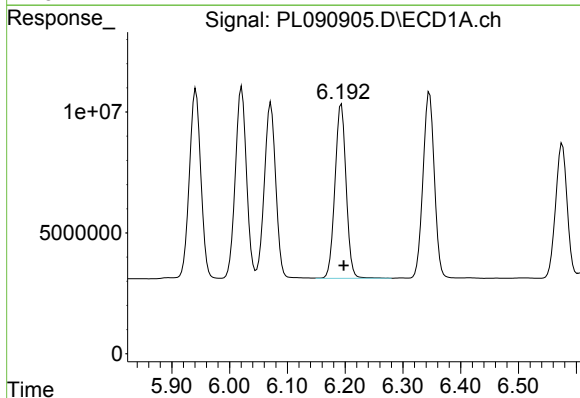
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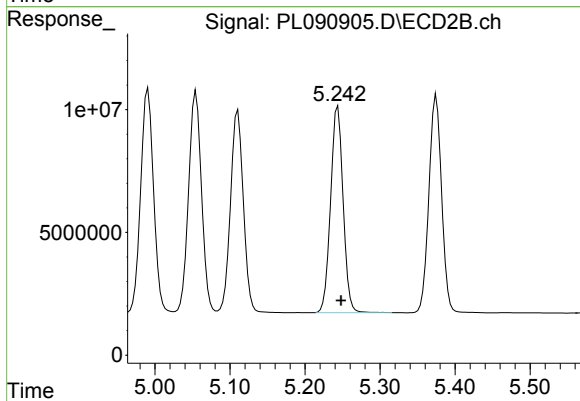
#11 alpha-Chlordane

R.T.: 5.055 min  
Delta R.T.: -0.004 min  
Response: 108333535  
Conc: 50.78 ng/ml



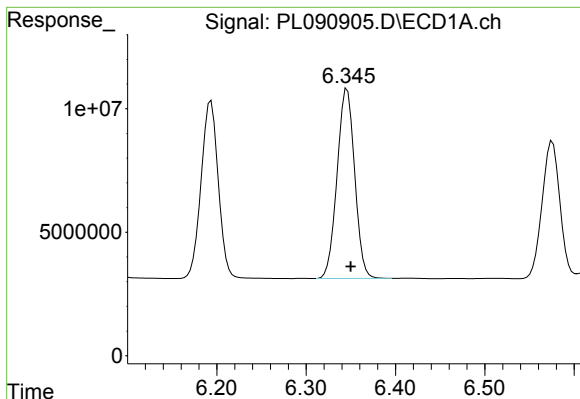
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: -0.004 min  
Response: 96840411  
Conc: 48.85 ng/ml



#12 4,4'-DDE

R.T.: 5.244 min  
Delta R.T.: -0.004 min  
Response: 97224720  
Conc: 51.83 ng/ml



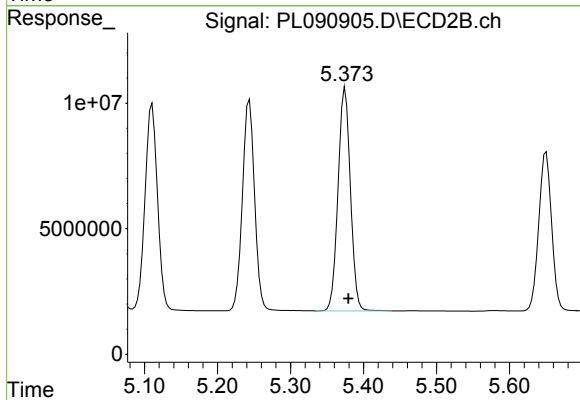
#13 Dieldrin

R.T.: 6.346 min  
Delta R.T.: -0.004 min  
Response: 105066298  
Conc: 47.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

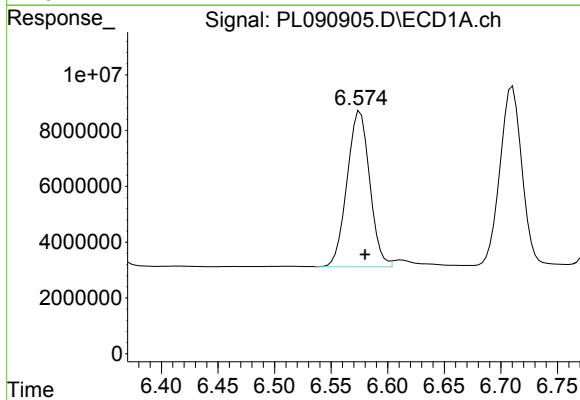
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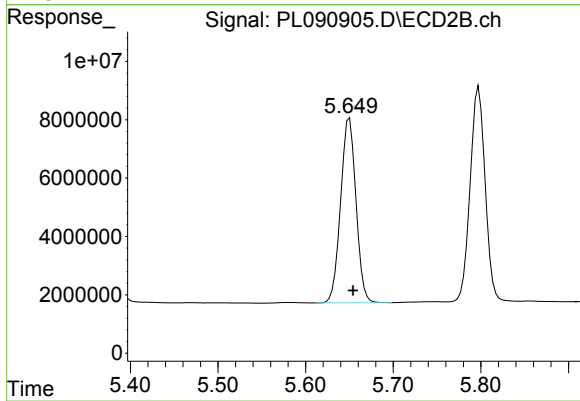
#13 Dieldrin

R.T.: 5.373 min  
Delta R.T.: -0.006 min  
Response: 104608894  
Conc: 50.66 ng/ml m



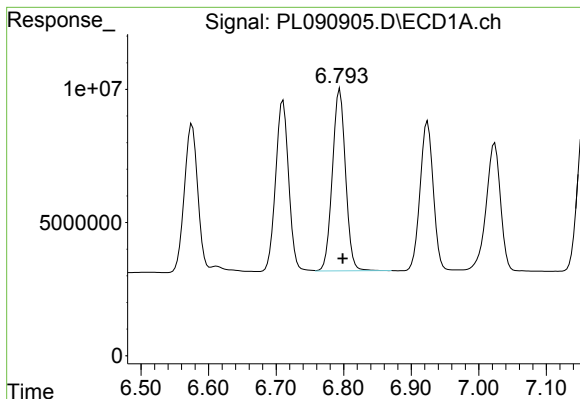
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: -0.006 min  
Response: 78173460  
Conc: 42.68 ng/ml m



#14 Endrin

R.T.: 5.649 min  
Delta R.T.: -0.006 min  
Response: 77130310  
Conc: 42.21 ng/ml m



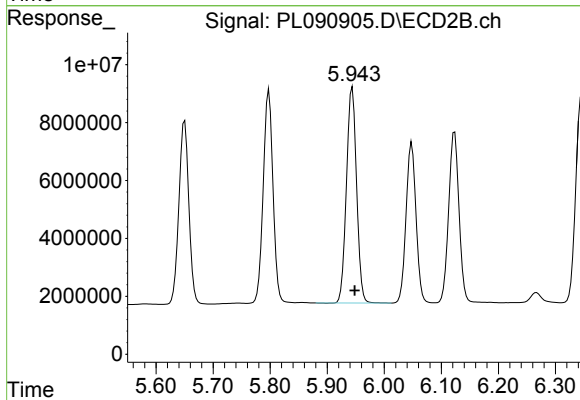
#15 Endosulfan II

R.T.: 6.794 min  
Delta R.T.: -0.004 min  
Response: 92944261  
Conc: 46.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

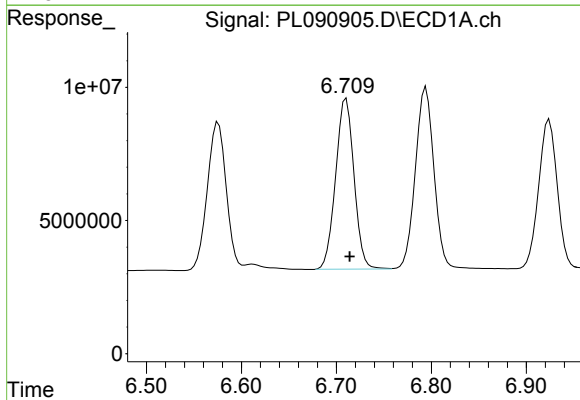
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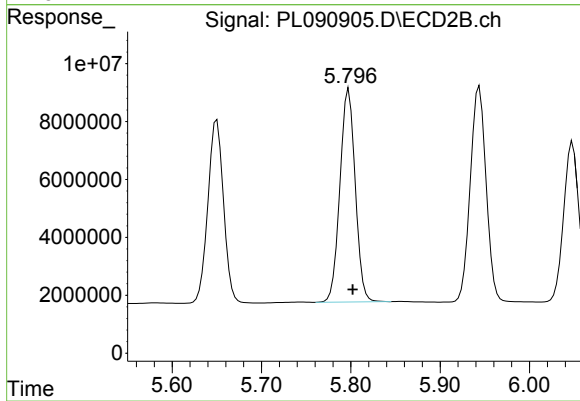
#15 Endosulfan II

R.T.: 5.944 min  
Delta R.T.: -0.005 min  
Response: 91923956  
Conc: 50.61 ng/ml



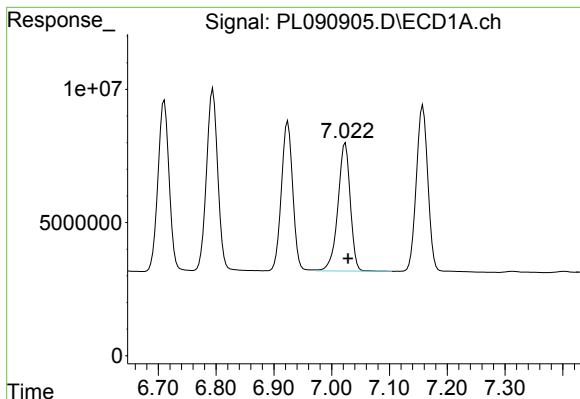
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: -0.004 min  
Response: 86342062  
Conc: 52.37 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min  
Delta R.T.: -0.004 min  
Response: 87661776  
Conc: 56.49 ng/ml



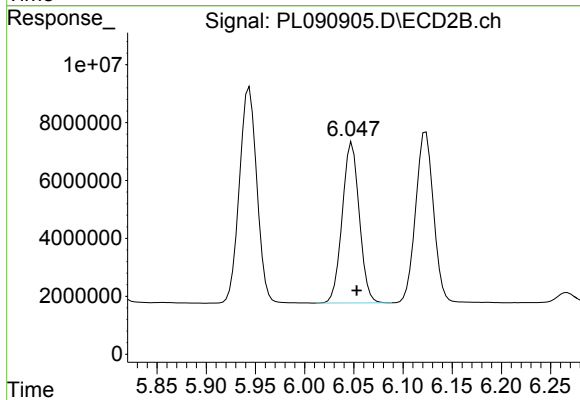
#17 4,4'-DDT

R.T.: 7.024 min  
Delta R.T.: -0.005 min  
Response: 71457727  
Conc: 40.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

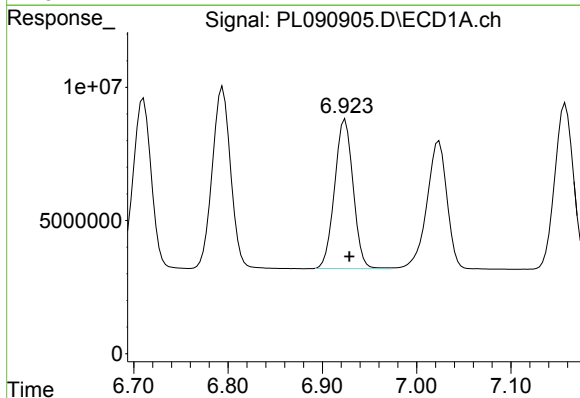
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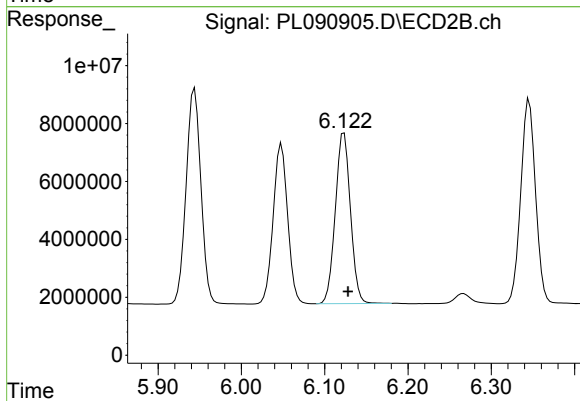
#17 4,4'-DDT

R.T.: 6.047 min  
Delta R.T.: -0.006 min  
Response: 66855818  
Conc: 40.32 ng/ml m



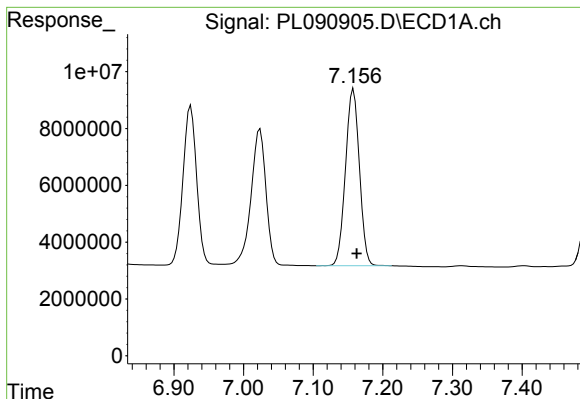
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: -0.004 min  
Response: 76397566  
Conc: 50.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.123 min  
Delta R.T.: -0.005 min  
Response: 74460240  
Conc: 52.59 ng/ml



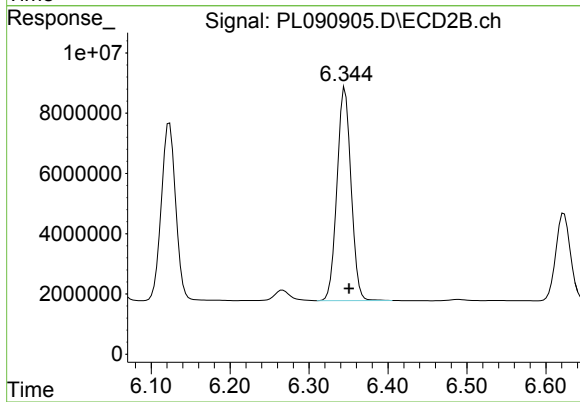
#19 Endosulfan Sulfate

R.T.: 7.158 min  
Delta R.T.: -0.005 min  
Response: 86369018  
Conc: 48.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

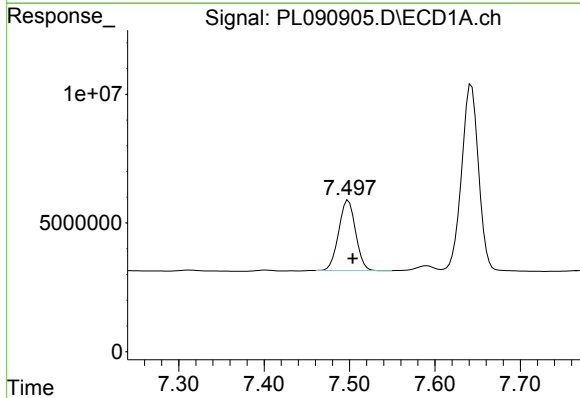
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Supervised By :Ankita Jodhani 08/09/2024



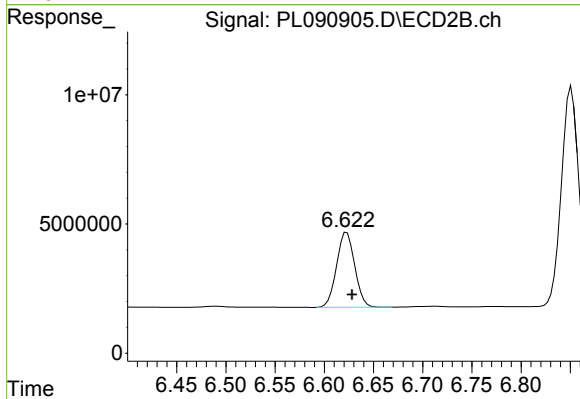
#19 Endosulfan Sulfate

R.T.: 6.345 min  
Delta R.T.: -0.005 min  
Response: 87255652  
Conc: 49.98 ng/ml



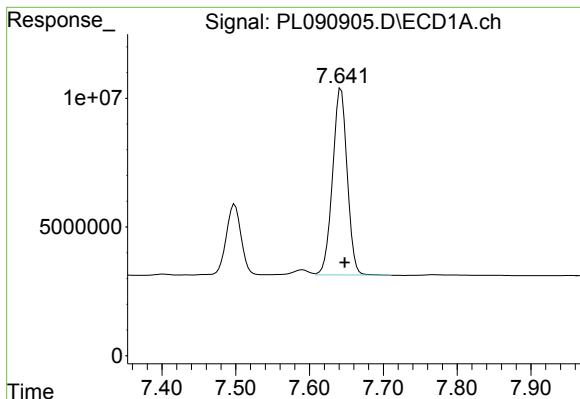
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.005 min  
Response: 37572322  
Conc: 39.37 ng/ml



#20 Methoxychlor

R.T.: 6.623 min  
Delta R.T.: -0.005 min  
Response: 37205620  
Conc: 40.31 ng/ml



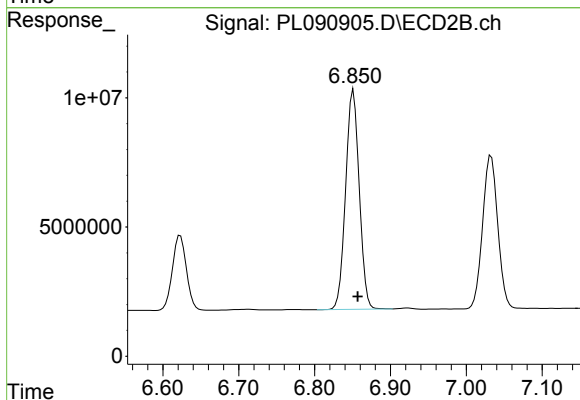
#21 Endrin ketone

R.T.: 7.643 min  
Delta R.T.: -0.005 min  
Response: 100003293  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

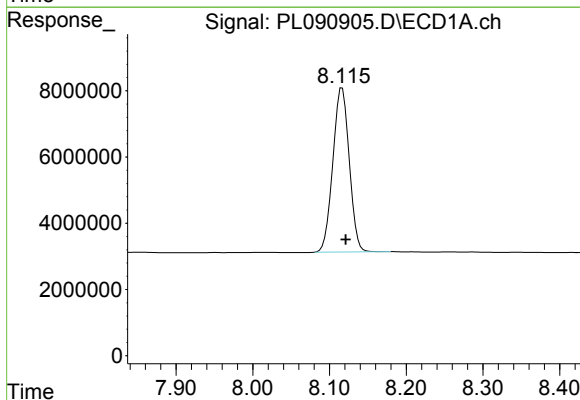
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/09/2024  
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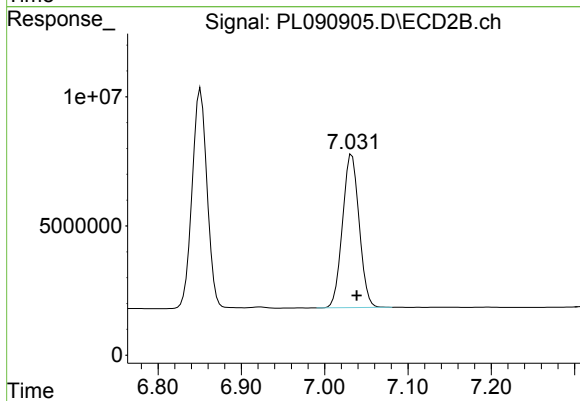
#21 Endrin ketone

R.T.: 6.850 min  
Delta R.T.: -0.007 min  
Response: 105935863  
Conc: 53.45 ng/ml m



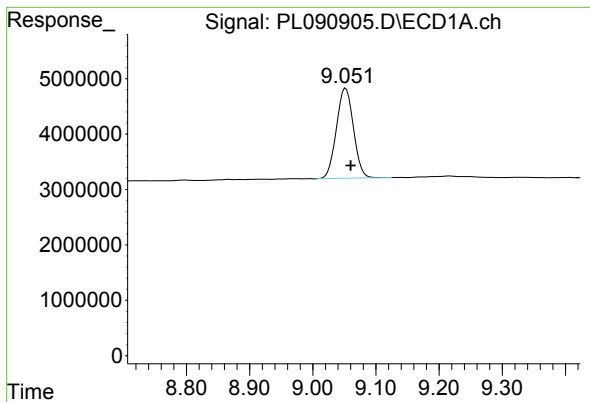
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: -0.005 min  
Response: 73569318  
Conc: 47.33 ng/ml



#22 Mirex

R.T.: 7.031 min  
Delta R.T.: -0.007 min  
Response: 82253477  
Conc: 48.98 ng/ml m



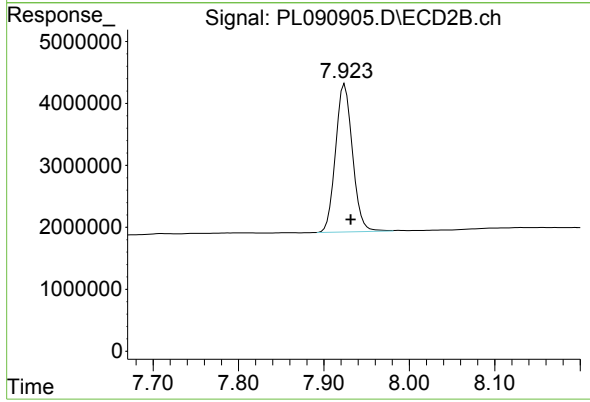
#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.008 min  
Response: 30549566  
Conc: 21.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162578BS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.924 min  
Delta R.T.: -0.007 min  
Response: 32906915  
Conc: 19.71 ng/ml