

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072224\  
 Data File : PL090610.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2024 09:52  
 Operator : AR\AJ  
 Sample : PB162187BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB162187BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/23/2024  
 Supervised By :Ankita Jodhani 07/23/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 22 11:08:46 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 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... | 3.546 | 2.789 | 39747110 | 32228555 | 19.089m | 19.150 |
| 28)                         | SA Decachlor... | 9.063 | 7.934 | 29437452 | 30604799 | 22.152  | 20.990 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.003 | 3.293 | 136.2E6  | 117.2E6  | 45.893  | 48.513 |
| 3)                          | MA gamma-BHC... | 4.336 | 3.624 | 132.4E6  | 113.5E6  | 47.280  | 49.229 |
| 4)                          | MA Heptachlor   | 4.925 | 3.964 | 117.6E6  | 104.9E6  | 46.215  | 47.573 |
| 5)                          | MB Aldrin       | 5.267 | 4.245 | 121.0E6  | 108.3E6  | 48.444  | 50.916 |
| 6)                          | B beta-BHC      | 4.531 | 3.922 | 58465796 | 48117479 | 46.090  | 46.616 |
| 7)                          | B delta-BHC     | 4.779 | 4.152 | 124.6E6  | 109.4E6  | 46.478  | 49.742 |
| 8)                          | B Heptachlo...  | 5.693 | 4.748 | 110.9E6  | 97313411 | 47.195  | 49.895 |
| 9)                          | A Endosulfan I  | 6.078 | 5.118 | 102.0E6  | 90817452 | 47.690  | 49.661 |
| 10)                         | B gamma-Chl...  | 5.948 | 4.998 | 108.2E6  | 97870535 | 46.544  | 48.274 |
| 11)                         | B alpha-Chl...  | 6.028 | 5.062 | 107.8E6  | 98278093 | 46.964  | 48.638 |
| 12)                         | B 4,4'-DDE      | 6.200 | 5.251 | 96903683 | 88268568 | 47.924  | 49.391 |
| 13)                         | MA Dieldrin     | 6.353 | 5.382 | 106.3E6  | 96897020 | 47.854  | 49.414 |
| 14)                         | MA Endrin       | 6.582 | 5.658 | 87721983 | 80614382 | 47.716  | 46.838 |
| 15)                         | B Endosulfa...  | 6.801 | 5.952 | 91542672 | 84101921 | 46.542  | 49.229 |
| 16)                         | A 4,4'-DDD      | 6.716 | 5.805 | 82196921 | 75024089 | 48.689  | 50.074 |
| 17)                         | MA 4,4'-DDT     | 7.031 | 6.056 | 78663196 | 71376796 | 46.732  | 48.716 |
| 18)                         | B Endrin al...  | 6.931 | 6.131 | 73544094 | 66265389 | 49.571  | 50.718 |
| 19)                         | B Endosulfa...  | 7.166 | 6.354 | 86119429 | 80946434 | 49.037  | 50.199 |
| 20)                         | A Methoxychlor  | 7.506 | 6.631 | 43558470 | 39301939 | 49.335  | 48.608 |
| 21)                         | B Endrin ke...  | 7.650 | 6.860 | 96252377 | 95731689 | 50.420  | 52.384 |
| 22)                         | Mirex           | 8.124 | 7.042 | 70746122 | 73253031 | 49.954  | 49.276 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072224\  
Data File : PL090610.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jul 2024 09:52  
Operator : AR\AJ  
Sample : PB162187BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB162187BS

## Manual Integrations

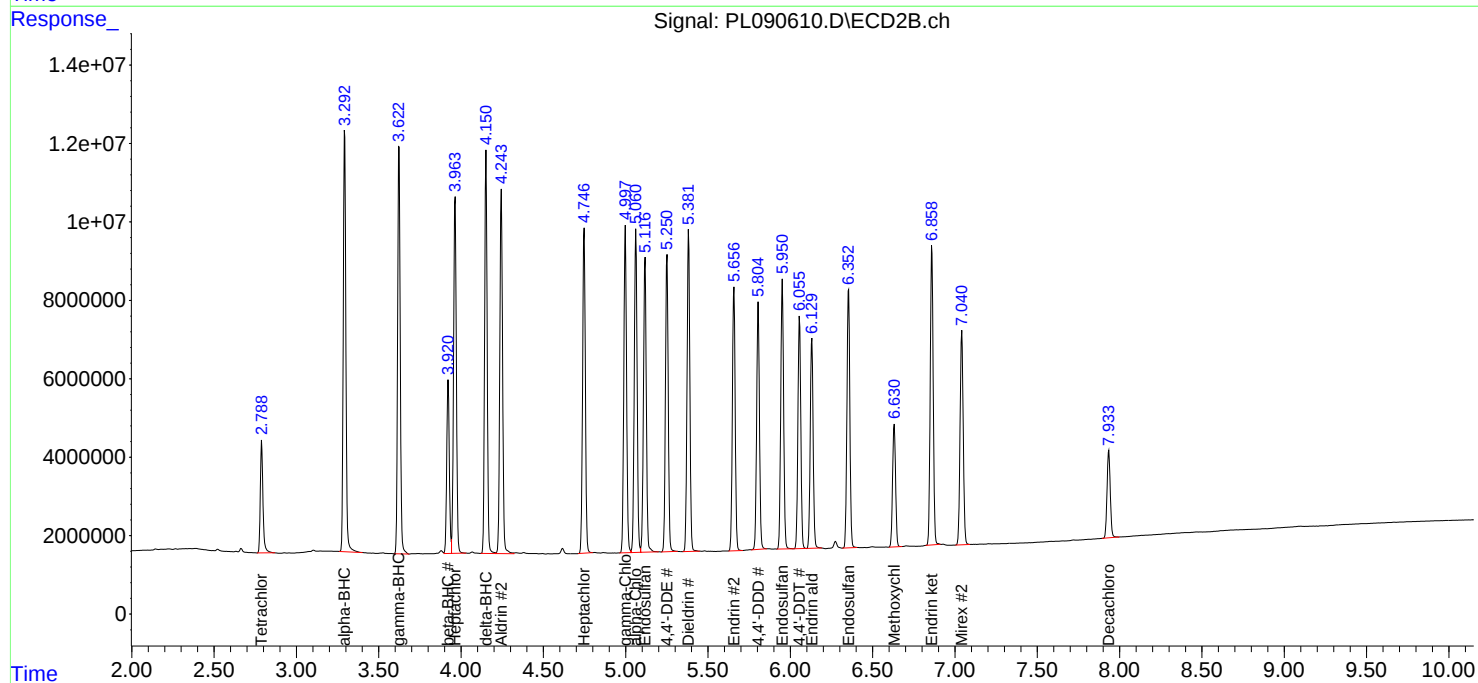
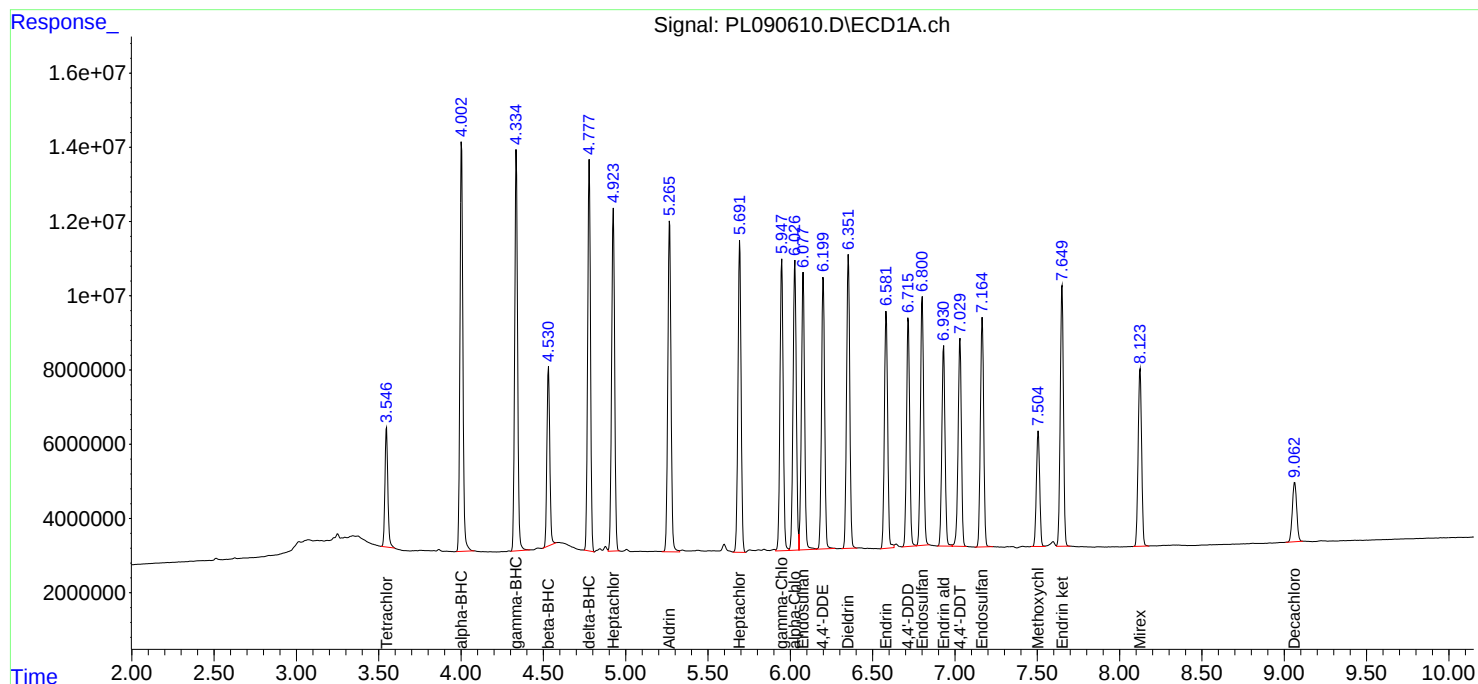
## APPROVED

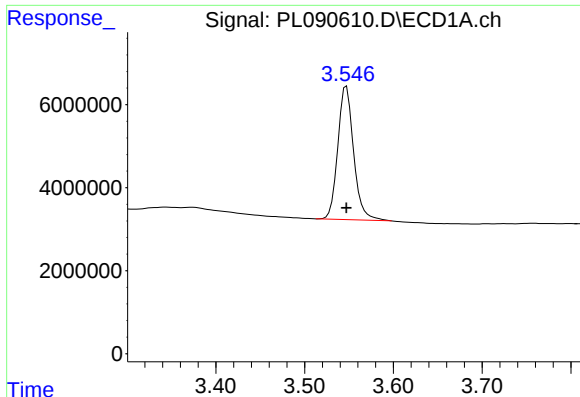
Reviewed By :Abdul Mirza 07/23/2024

Supervised By :Ankita Jodhani 07/23/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 22 11:08:46 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 2024  
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





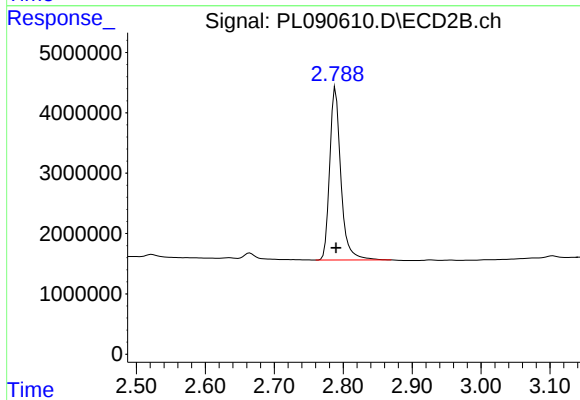
#1 Tetrachloro-m-xylene

R.T.: 3.546 min  
Delta R.T.: -0.001 min  
Response: 39747110  
Conc: 19.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162187BS

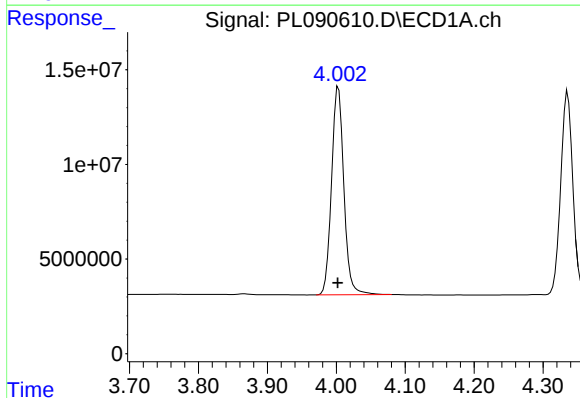
Manual Integrations  
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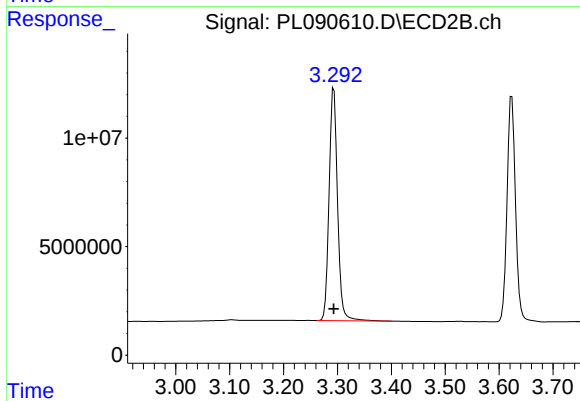
#1 Tetrachloro-m-xylene

R.T.: 2.789 min  
Delta R.T.: 0.000 min  
Response: 32228555  
Conc: 19.15 ng/ml



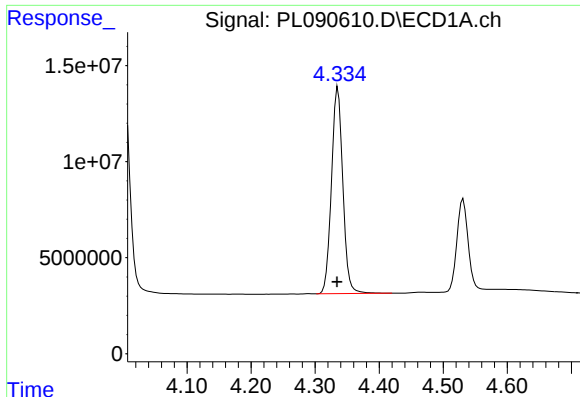
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 136181857  
Conc: 45.89 ng/ml



#2 alpha-BHC

R.T.: 3.293 min  
Delta R.T.: 0.000 min  
Response: 117213555  
Conc: 48.51 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.336 min  
Delta R.T.: 0.001 min  
Response: 132405493  
Conc: 47.28 ng/ml

Instrument :

ECD\_L

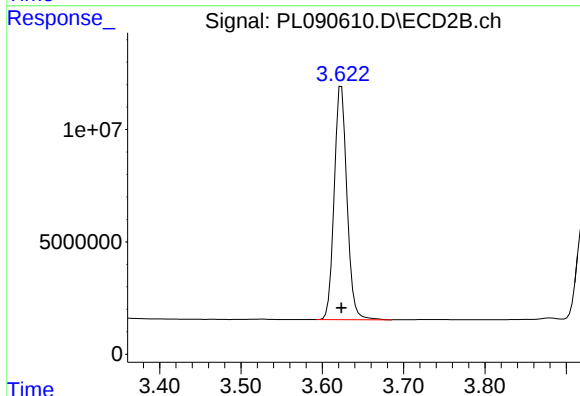
ClientSampleId :

PB162187BS

Manual Integrations

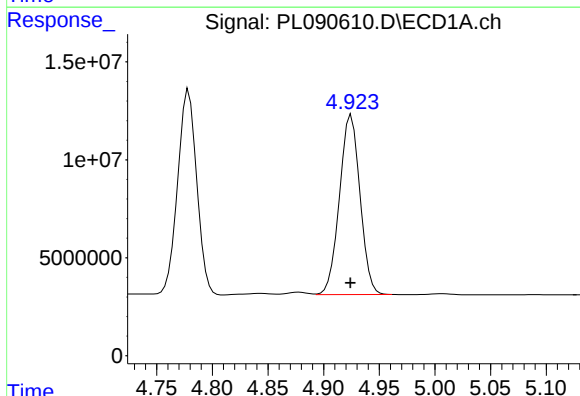
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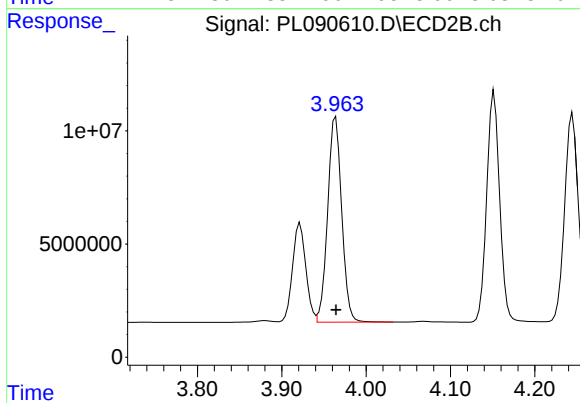
#3 gamma-BHC (Lindane)

R.T.: 3.624 min  
Delta R.T.: 0.000 min  
Response: 113520616  
Conc: 49.23 ng/ml



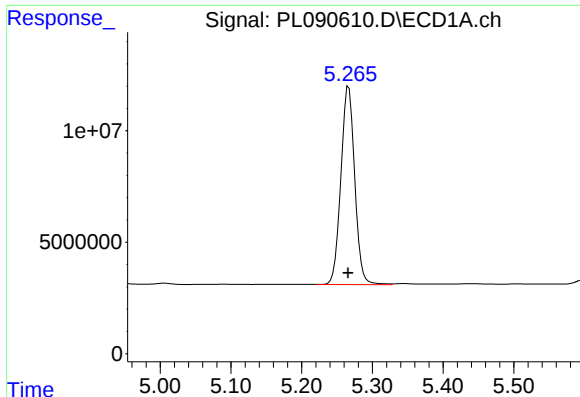
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: 0.000 min  
Response: 117618539  
Conc: 46.21 ng/ml



#4 Heptachlor

R.T.: 3.964 min  
Delta R.T.: 0.000 min  
Response: 104949641  
Conc: 47.57 ng/ml



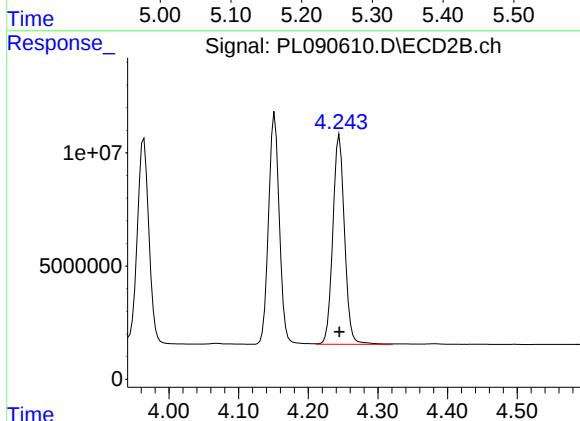
#5 Aldrin

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 121033260  
Conc: 48.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162187BS

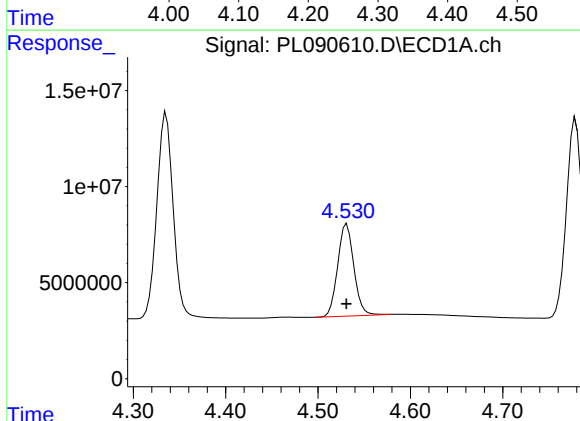
Manual Integrations  
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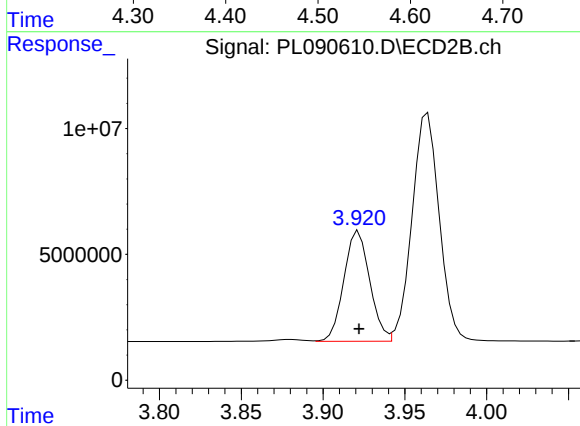
#5 Aldrin

R.T.: 4.245 min  
Delta R.T.: 0.000 min  
Response: 108322623  
Conc: 50.92 ng/ml



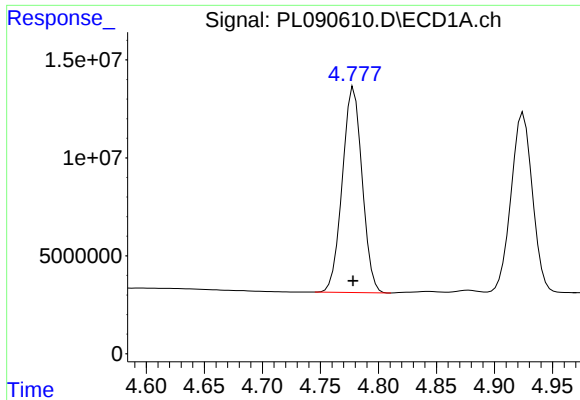
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.000 min  
Response: 58465796  
Conc: 46.09 ng/ml



#6 beta-BHC

R.T.: 3.922 min  
Delta R.T.: 0.000 min  
Response: 48117479  
Conc: 46.62 ng/ml



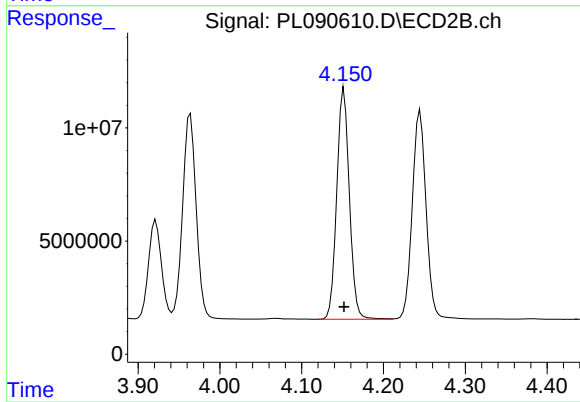
#7 delta-BHC

R.T.: 4.779 min  
Delta R.T.: 0.000 min  
Response: 124611357  
Conc: 46.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162187BS

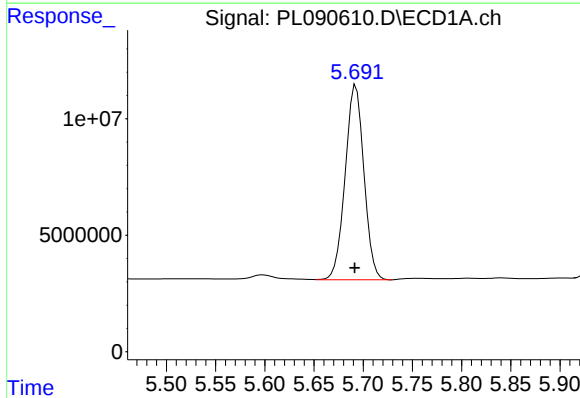
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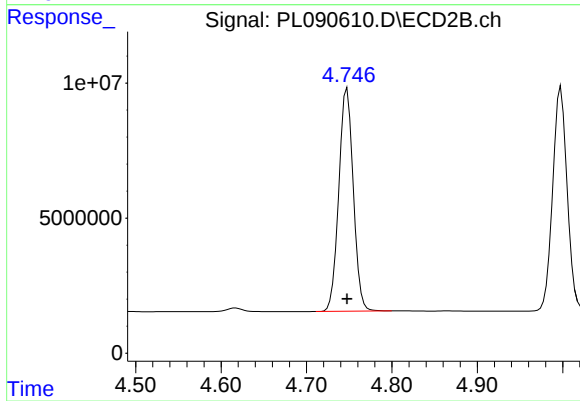
#7 delta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 109419190  
Conc: 49.74 ng/ml



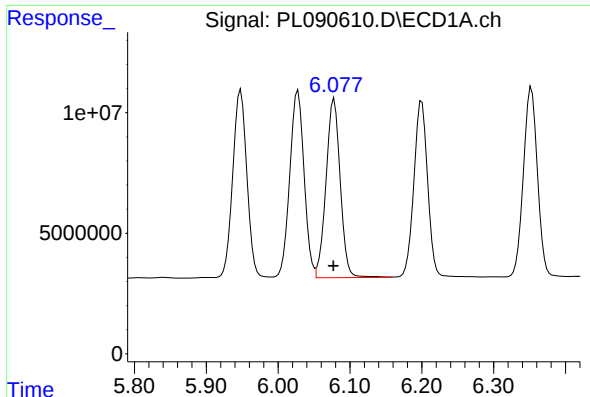
#8 Heptachlor epoxide

R.T.: 5.693 min  
Delta R.T.: 0.001 min  
Response: 110926584  
Conc: 47.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min  
Delta R.T.: 0.000 min  
Response: 97313411  
Conc: 49.89 ng/ml



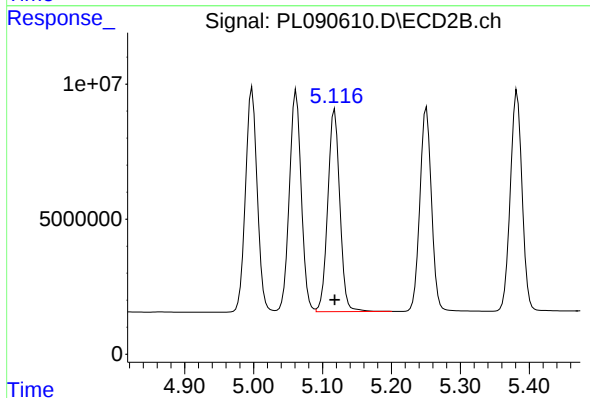
#9 Endosulfan I

R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 101995166  
Conc: 47.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162187BS

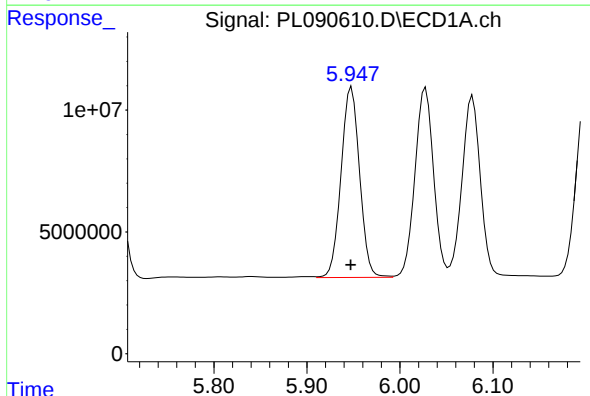
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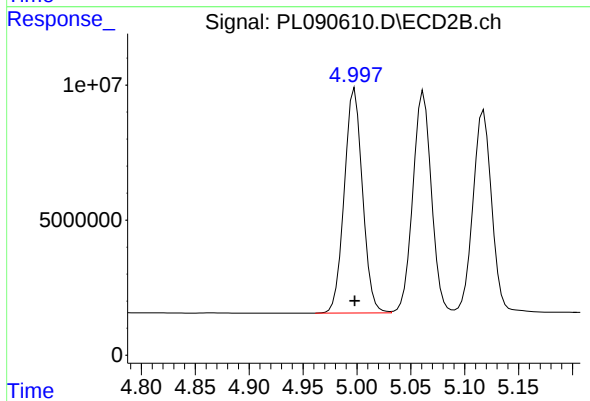
#9 Endosulfan I

R.T.: 5.118 min  
Delta R.T.: 0.000 min  
Response: 90817452  
Conc: 49.66 ng/ml



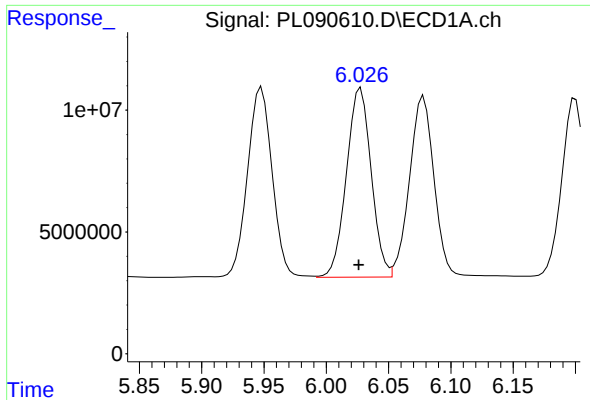
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 108216335  
Conc: 46.54 ng/ml



#10 gamma-Chlordane

R.T.: 4.998 min  
Delta R.T.: 0.000 min  
Response: 97870535  
Conc: 48.27 ng/ml



#11 alpha-Chlordane

R.T.: 6.028 min  
Delta R.T.: 0.002 min  
Response: 107815413  
Conc: 46.96 ng/ml

Instrument :

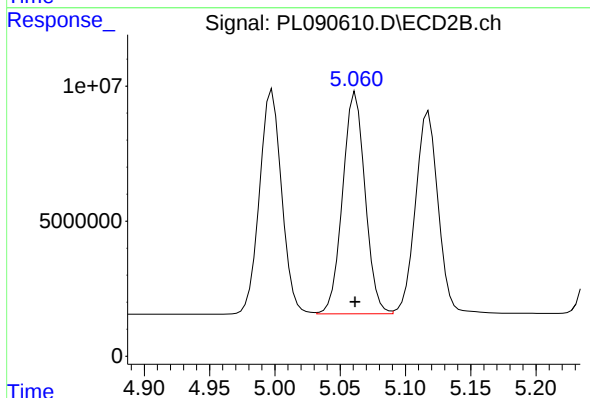
ECD\_L

ClientSampleId :

PB162187BS

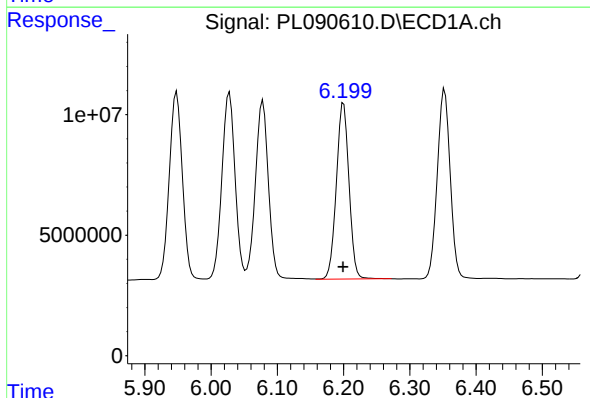
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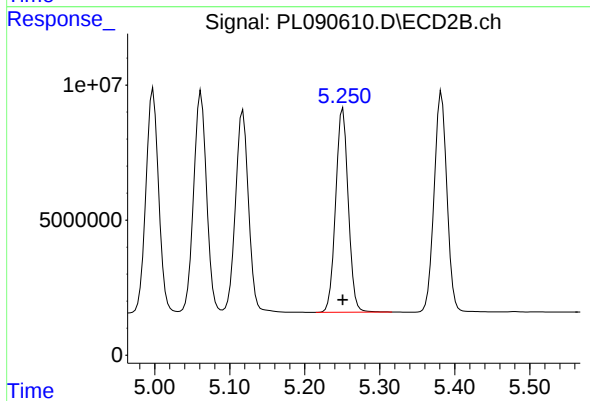
#11 alpha-Chlordane

R.T.: 5.062 min  
Delta R.T.: 0.000 min  
Response: 98278093  
Conc: 48.64 ng/ml



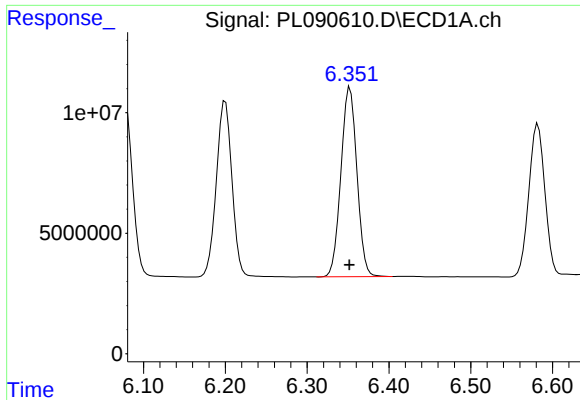
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: 0.001 min  
Response: 96903683  
Conc: 47.92 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 88268568  
Conc: 49.39 ng/ml



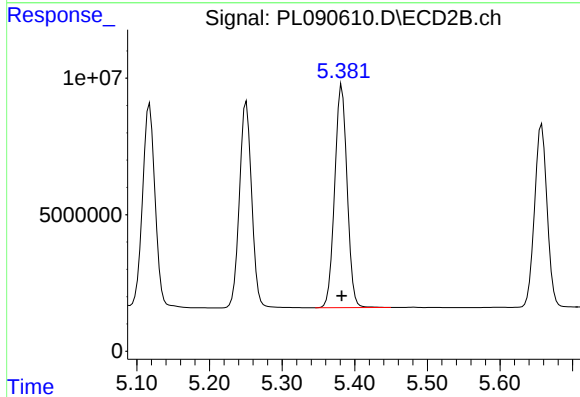
#13 Dieldrin

R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 106322800  
Conc: 47.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162187BS

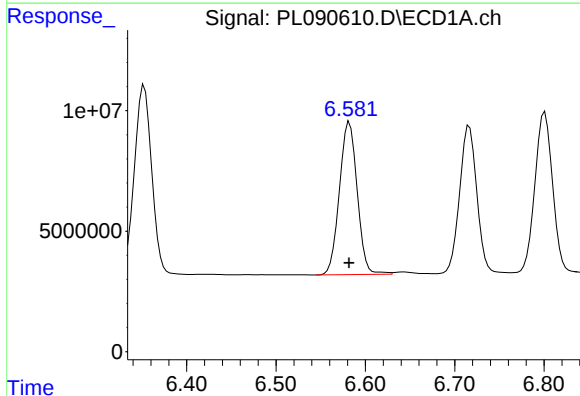
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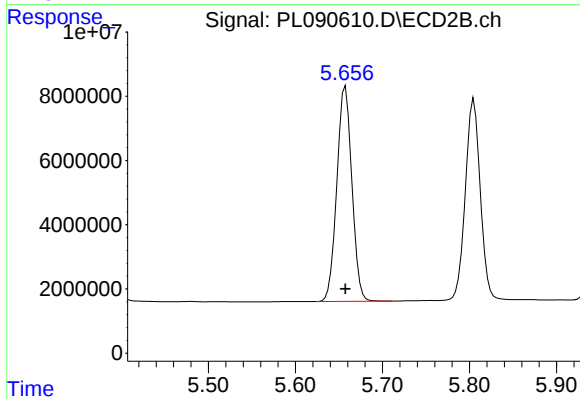
#13 Dieldrin

R.T.: 5.382 min  
Delta R.T.: 0.000 min  
Response: 96897020  
Conc: 49.41 ng/ml



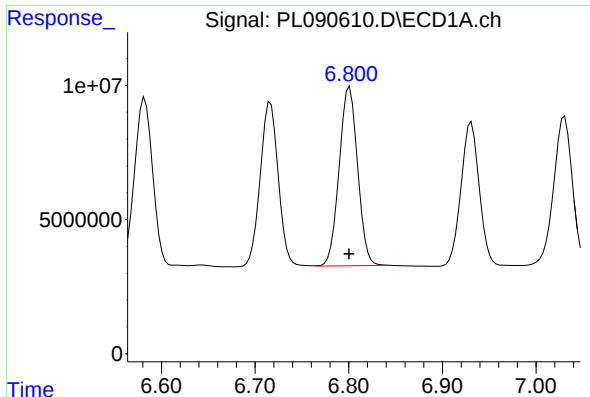
#14 Endrin

R.T.: 6.582 min  
Delta R.T.: 0.000 min  
Response: 87721983  
Conc: 47.72 ng/ml



#14 Endrin

R.T.: 5.658 min  
Delta R.T.: 0.000 min  
Response: 80614382  
Conc: 46.84 ng/ml



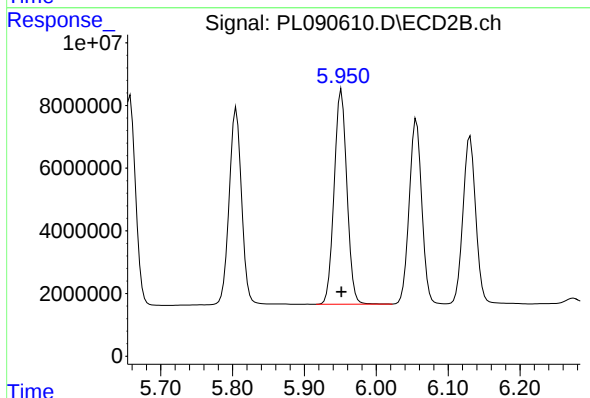
#15 Endosulfan II

R.T.: 6.801 min  
Delta R.T.: 0.000 min  
Response: 91542672  
Conc: 46.54 ng/ml

Instrument :  
ECD\_L  
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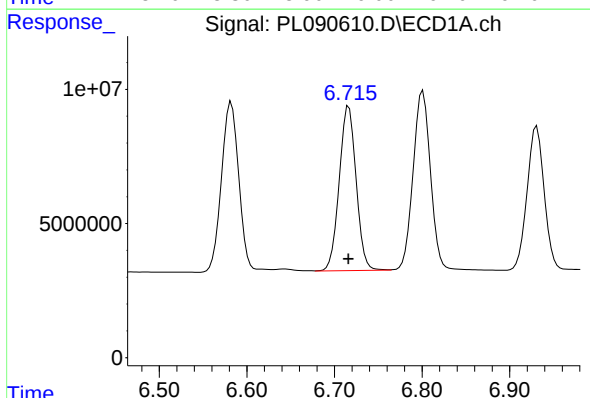
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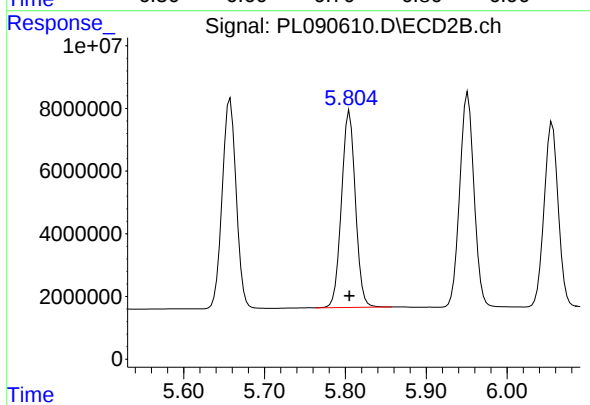
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 84101921  
Conc: 49.23 ng/ml



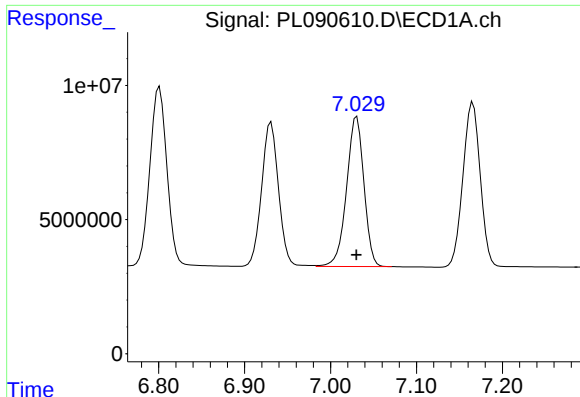
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 82196921  
Conc: 48.69 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min  
Delta R.T.: 0.000 min  
Response: 75024089  
Conc: 50.07 ng/ml



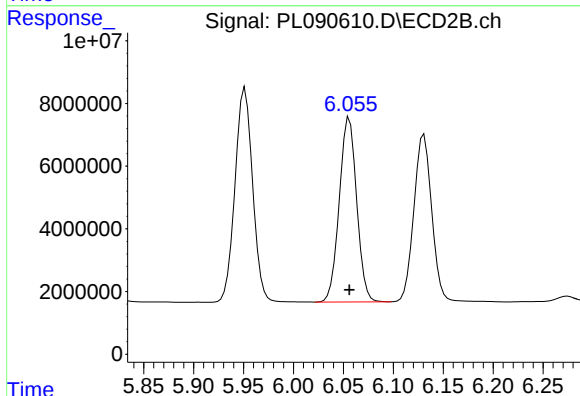
#17 4,4'-DDT

R.T.: 7.031 min  
Delta R.T.: 0.000 min  
Response: 78663196  
Conc: 46.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162187BS

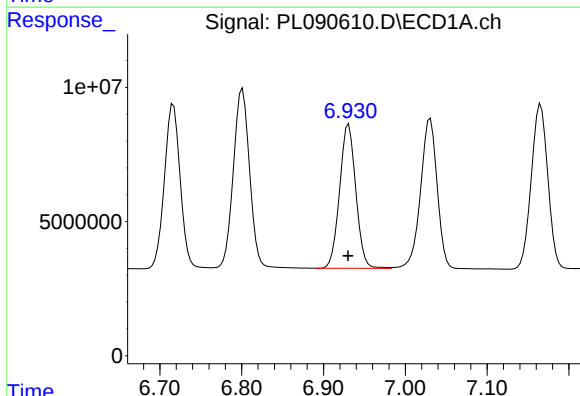
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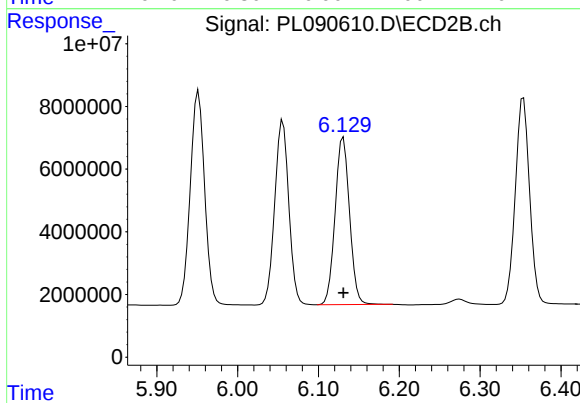
#17 4,4'-DDT

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 71376796  
Conc: 48.72 ng/ml



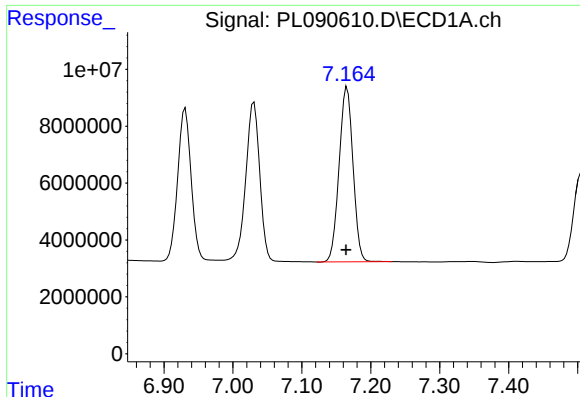
#18 Endrin aldehyde

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 73544094  
Conc: 49.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 66265389  
Conc: 50.72 ng/ml



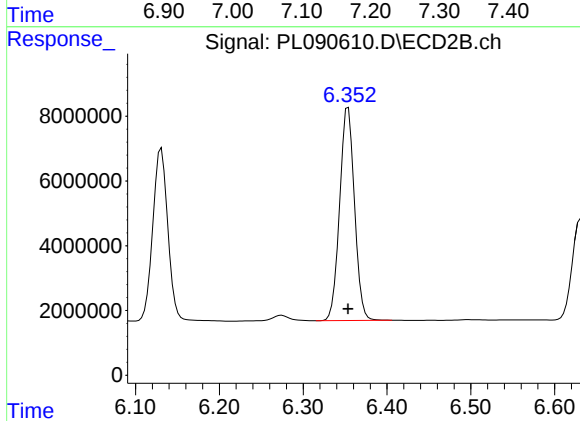
#19 Endosulfan Sulfate

R.T.: 7.166 min  
Delta R.T.: 0.001 min  
Response: 86119429  
Conc: 49.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162187BS

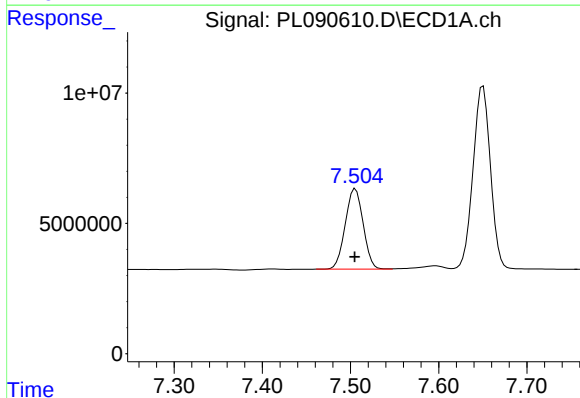
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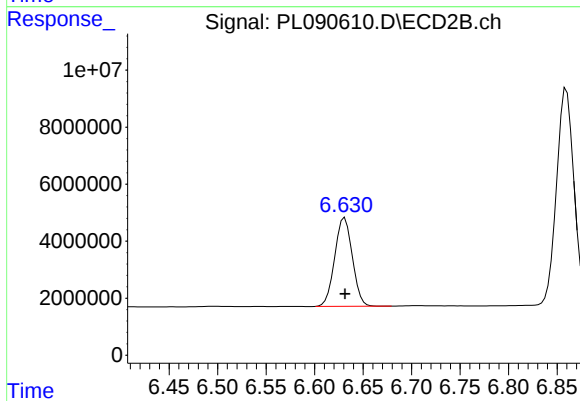
#19 Endosulfan Sulfate

R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 80946434  
Conc: 50.20 ng/ml



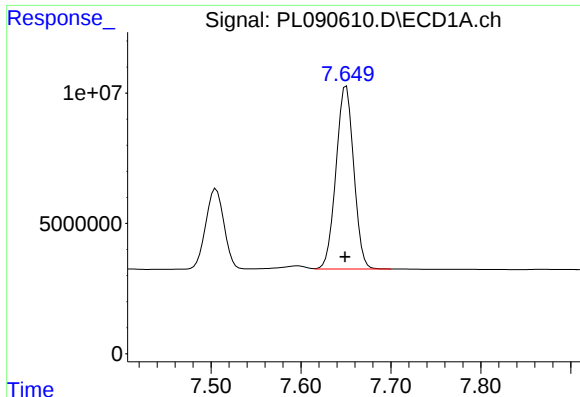
#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: 0.000 min  
Response: 43558470  
Conc: 49.34 ng/ml



#20 Methoxychlor

R.T.: 6.631 min  
Delta R.T.: 0.000 min  
Response: 39301939  
Conc: 48.61 ng/ml



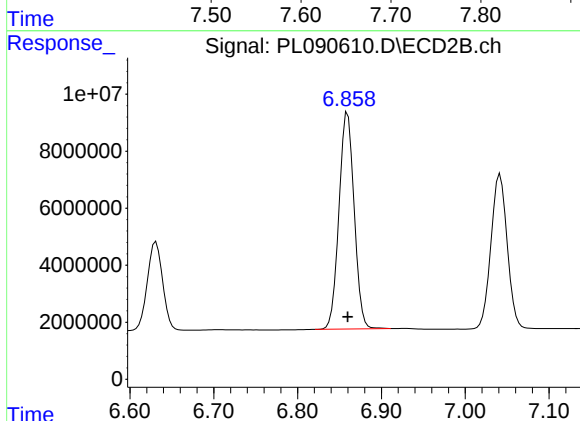
#21 Endrin ketone

R.T.: 7.650 min  
Delta R.T.: 0.001 min  
Response: 96252377  
Conc: 50.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162187BS

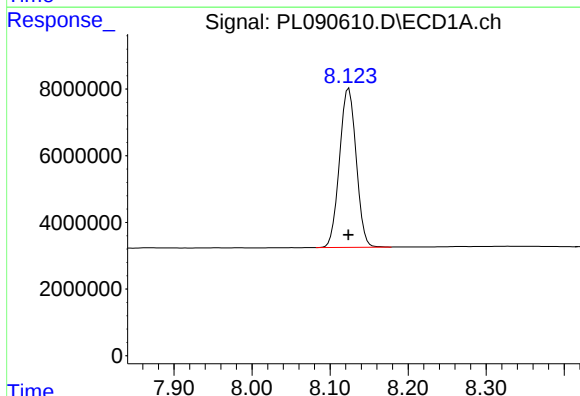
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/23/2024  
Supervised By :Ankita Jodhani 07/23/2024



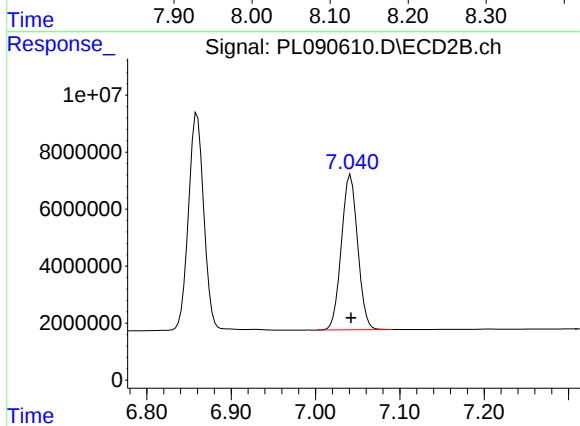
#21 Endrin ketone

R.T.: 6.860 min  
Delta R.T.: 0.000 min  
Response: 95731689  
Conc: 52.38 ng/ml



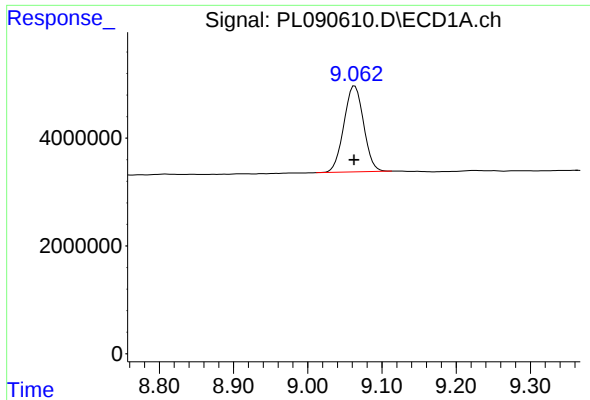
#22 Mirex

R.T.: 8.124 min  
Delta R.T.: 0.000 min  
Response: 70746122  
Conc: 49.95 ng/ml



#22 Mirex

R.T.: 7.042 min  
Delta R.T.: 0.000 min  
Response: 73253031  
Conc: 49.28 ng/ml



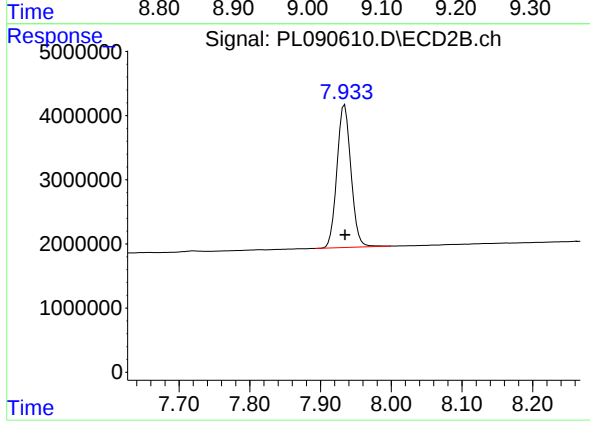
#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: 0.000 min  
Response: 29437452  
Conc: 22.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162187BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/23/2024  
Supervised By :Ankita Jodhani 07/23/2024



#28 Decachlorobiphenyl

R.T.: 7.934 min  
Delta R.T.: 0.000 min  
Response: 30604799  
Conc: 20.99 ng/ml