

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090924\  
 Data File : PL091574.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2024 16:11  
 Operator : AR\AJ  
 Sample : PSTDICC025  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDICC025

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/11/2024  
 Supervised By :Ankita Jodhani 09/11/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 16:26:31 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 16:26:19 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... | 3.545 | 2.784 | 37955480 | 45985318 | 25.092  | 24.469  |
| 28)                         | SA Decachlor... | 9.060 | 7.925 | 31298985 | 46252542 | 26.550  | 25.775  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.001 | 3.287 | 51774120 | 62629335 | 24.197  | 23.127  |
| 3)                          | MA gamma-BHC... | 4.333 | 3.617 | 49613892 | 58600915 | 24.368  | 23.475  |
| 4)                          | MA Heptachlor   | 4.920 | 3.957 | 45944744 | 58068921 | 24.734m | 23.996  |
| 5)                          | MB Aldrin       | 5.263 | 4.237 | 45056011 | 54747157 | 25.247  | 23.846  |
| 6)                          | B beta-BHC      | 4.530 | 3.916 | 22357922 | 26493121 | 25.411  | 25.081  |
| 7)                          | B delta-BHC     | 4.777 | 4.145 | 45832423 | 54493997 | 24.650  | 23.265  |
| 8)                          | B Heptachlo...  | 5.689 | 4.738 | 41569964 | 50296810 | 25.876  | 24.181m |
| 9)                          | A Endosulfan I  | 6.075 | 5.110 | 38466605 | 46309768 | 25.394  | 24.377  |
| 10)                         | B gamma-Chl...  | 5.945 | 4.990 | 41293121 | 54744702 | 25.394  | 25.164  |
| 11)                         | B alpha-Chl...  | 6.024 | 5.053 | 40240057 | 50217956 | 25.122  | 24.262  |
| 12)                         | B 4,4'-DDE      | 6.197 | 5.242 | 36033055 | 45504345 | 24.992  | 23.681  |
| 13)                         | MA Dieldrin     | 6.349 | 5.374 | 40291241 | 49413665 | 25.050  | 23.907  |
| 14)                         | MA Endrin       | 6.579 | 5.649 | 32800448 | 44726926 | 25.143  | 24.423  |
| 15)                         | B Endosulfa...  | 6.798 | 5.944 | 37884948 | 43021147 | 26.059  | 24.253  |
| 16)                         | A 4,4'-DDD      | 6.714 | 5.797 | 31265818 | 41368041 | 25.243  | 24.918  |
| 17)                         | MA 4,4'-DDT     | 7.028 | 6.048 | 32112615 | 37889474 | 25.265  | 23.781  |
| 18)                         | B Endrin al...  | 6.928 | 6.123 | 29584661 | 33689787 | 26.114  | 24.744  |
| 19)                         | B Endosulfa...  | 7.162 | 6.346 | 34977060 | 41929421 | 26.004  | 24.555  |
| 20)                         | A Methoxychlor  | 7.503 | 6.623 | 16748564 | 21956443 | 25.384  | 25.189  |
| 21)                         | B Endrin ke...  | 7.647 | 6.852 | 38720354 | 49510310 | 25.457  | 24.556  |
| 22)                         | Mirex           | 8.121 | 7.033 | 30592366 | 43256877 | 26.389  | 26.391  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090924\  
Data File : PL091574.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2024 16:11  
Operator : AR\AJ  
Sample : PSTDICC025  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDICC025

## Manual Integrations

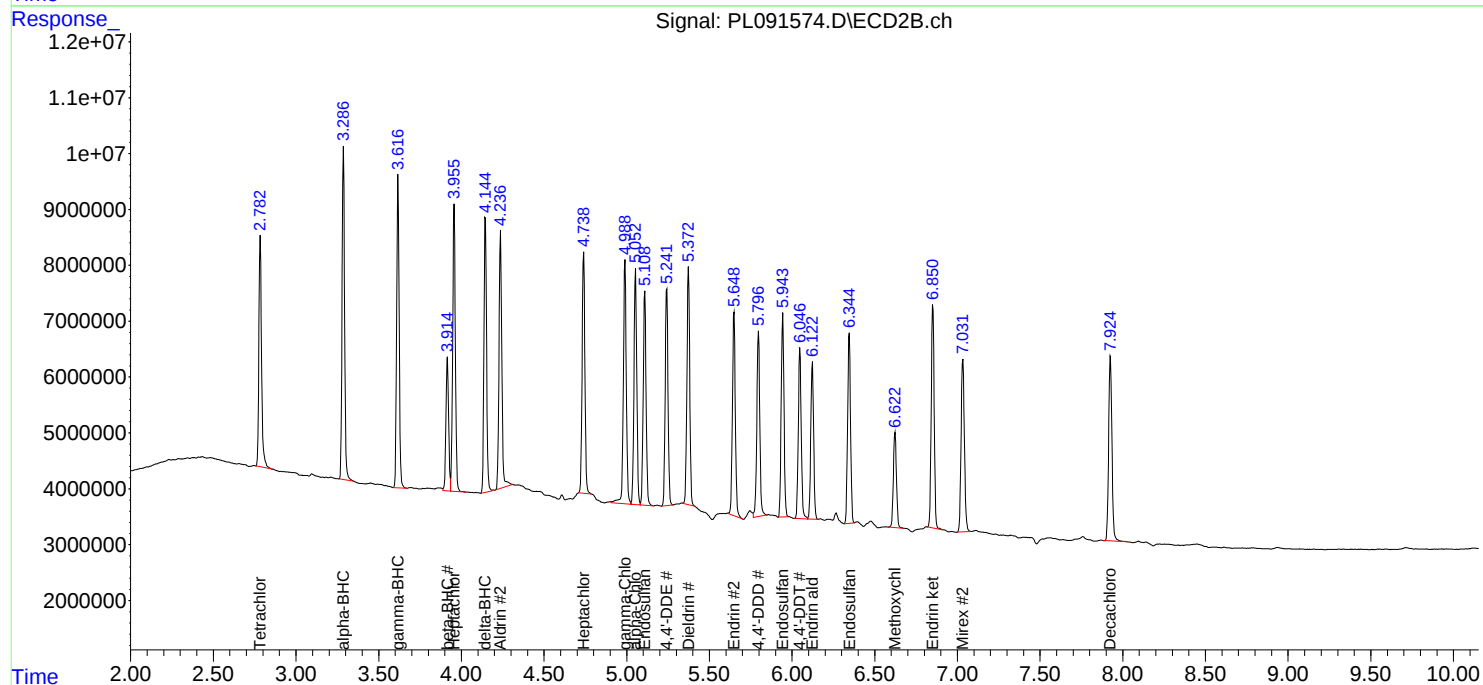
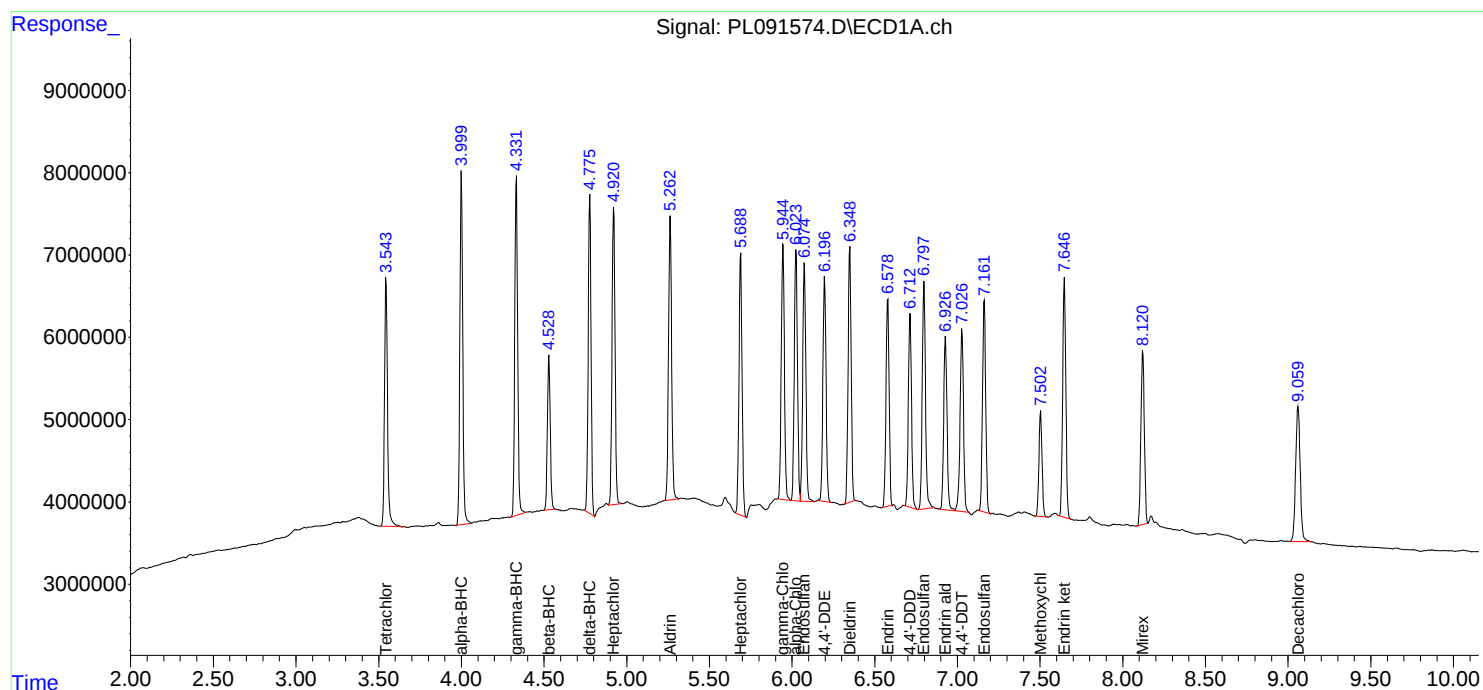
## APPROVED

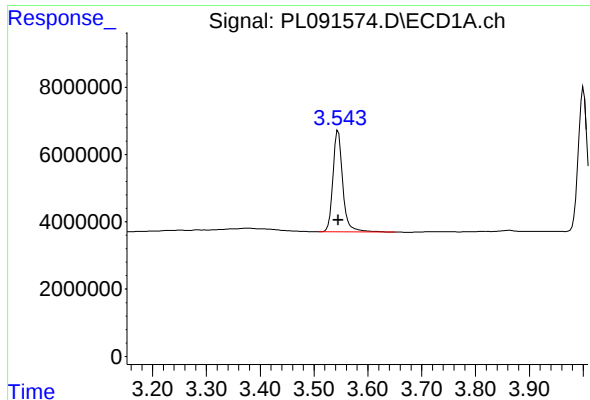
Reviewed By :Abdul Mirza 09/11/2024

Supervised By :Ankita Jodhani 09/11/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 16:26:31 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 16:26:19 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





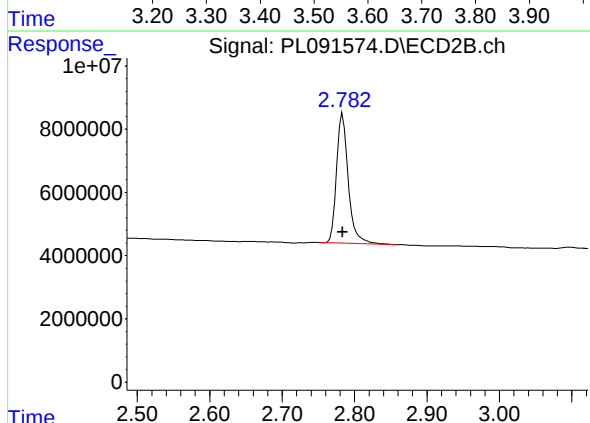
#1 Tetrachloro-m-xylene

R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 37955480  
Conc: 25.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

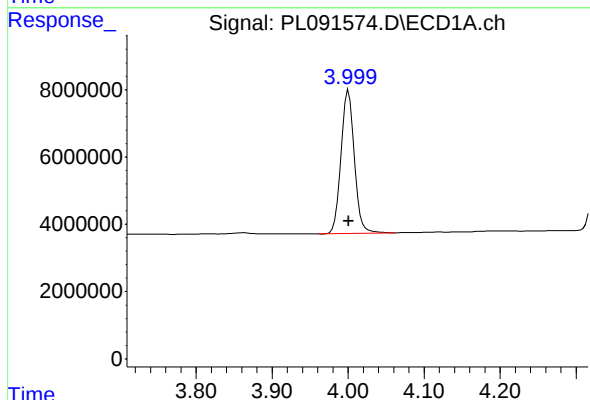
Manual Integrations  
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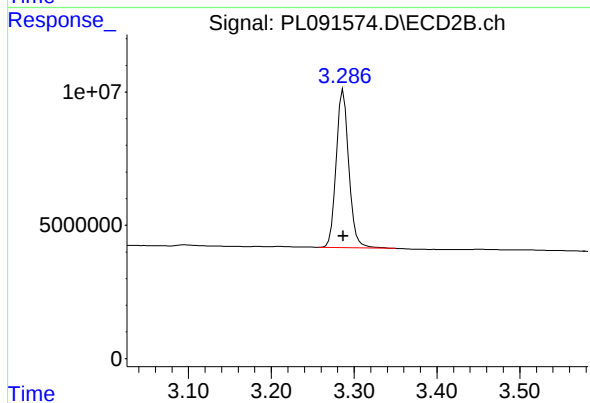
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: 0.000 min  
Response: 45985318  
Conc: 24.47 ng/ml



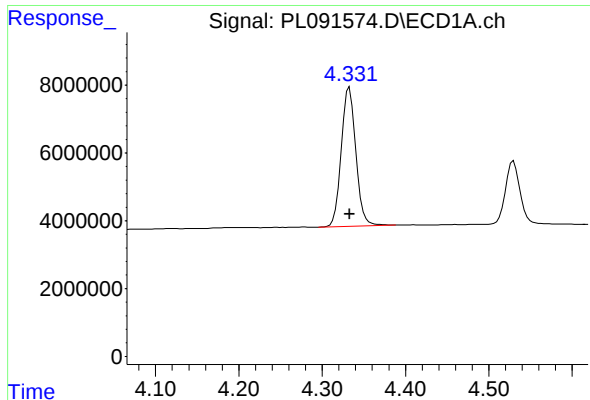
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.000 min  
Response: 51774120  
Conc: 24.20 ng/ml



#2 alpha-BHC

R.T.: 3.287 min  
Delta R.T.: 0.000 min  
Response: 62629335  
Conc: 23.13 ng/ml



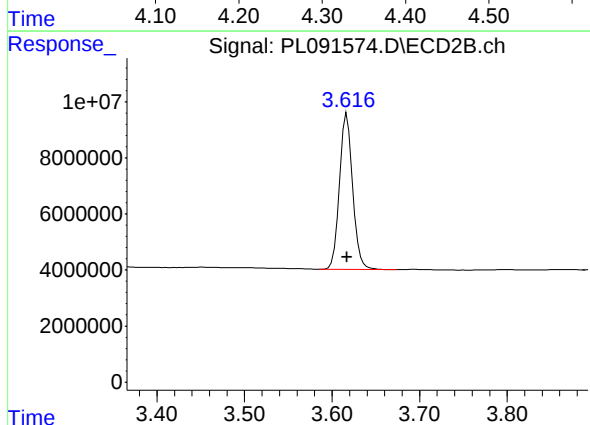
#3 gamma-BHC (Lindane)

R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 49613892  
Conc: 24.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

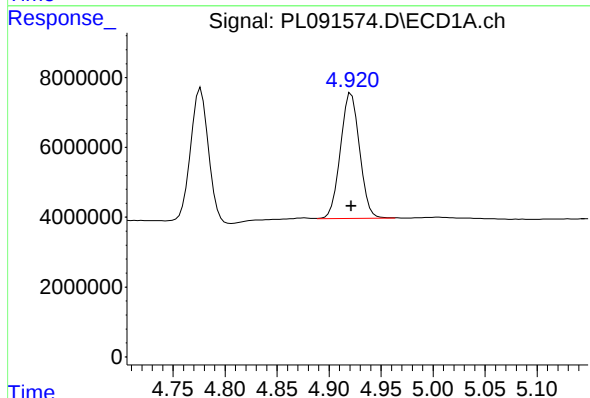
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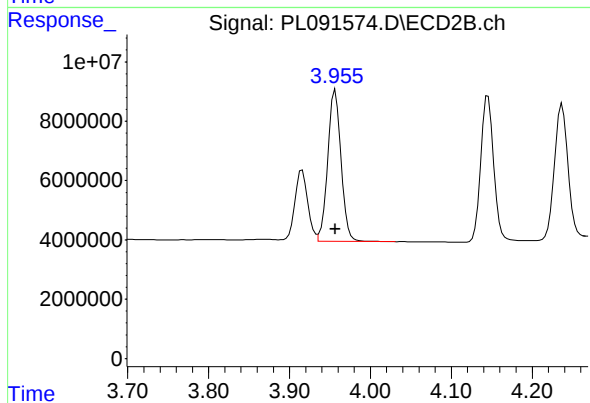
#3 gamma-BHC (Lindane)

R.T.: 3.617 min  
Delta R.T.: 0.000 min  
Response: 58600915  
Conc: 23.48 ng/ml



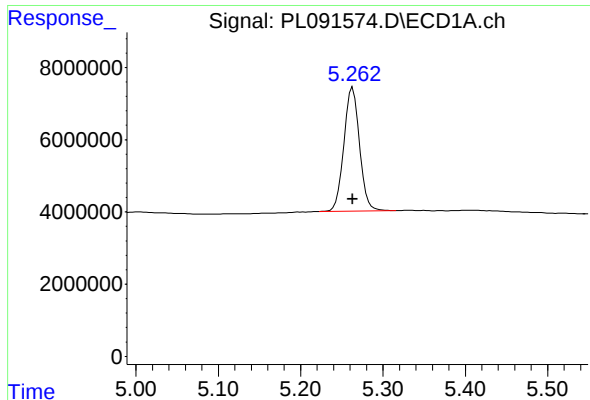
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: -0.001 min  
Response: 45944744  
Conc: 24.73 ng/ml m



#4 Heptachlor

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 58068921  
Conc: 24.00 ng/ml



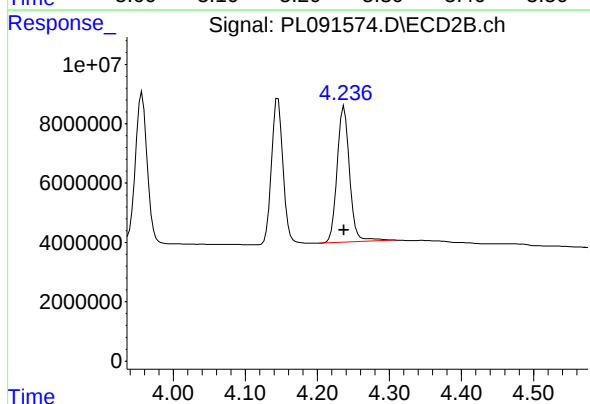
#5 Aldrin

R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 45056011  
Conc: 25.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

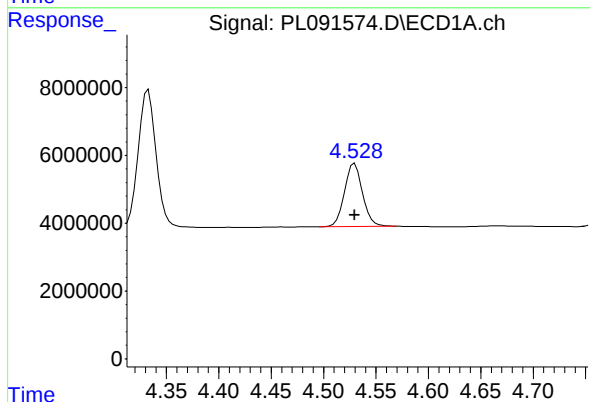
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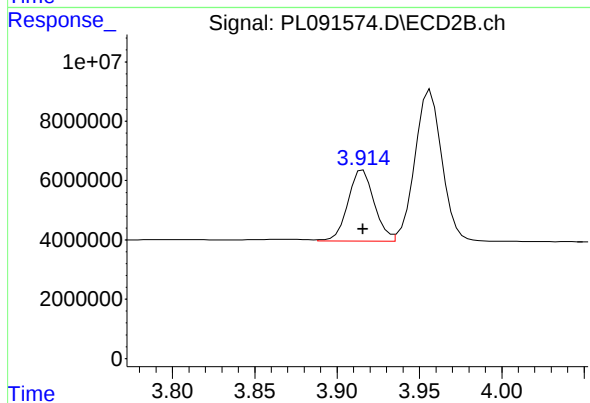
#5 Aldrin

R.T.: 4.237 min  
Delta R.T.: 0.000 min  
Response: 54747157  
Conc: 23.85 ng/ml



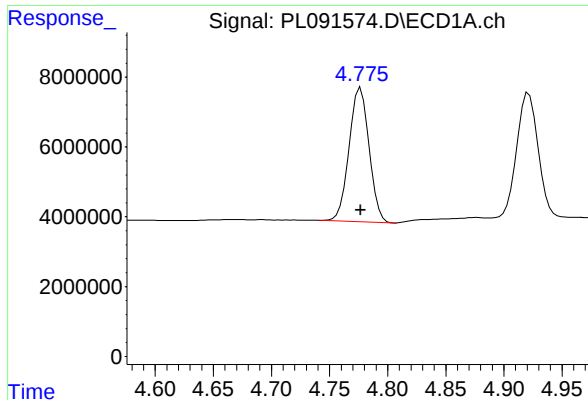
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 22357922  
Conc: 25.41 ng/ml



#6 beta-BHC

R.T.: 3.916 min  
Delta R.T.: 0.000 min  
Response: 26493121  
Conc: 25.08 ng/ml



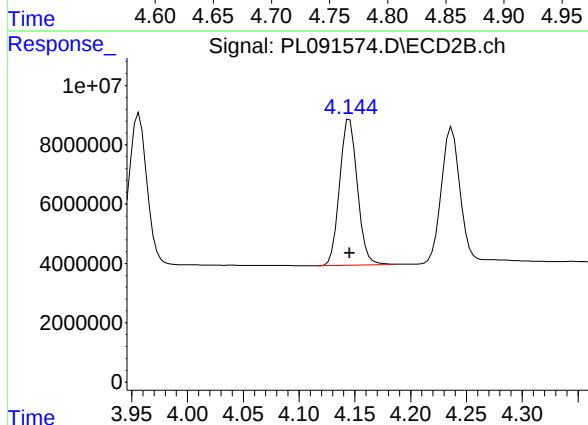
#7 delta-BHC

R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 45832423  
Conc: 24.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

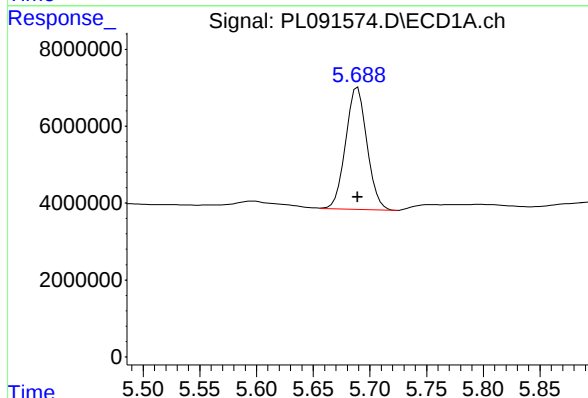
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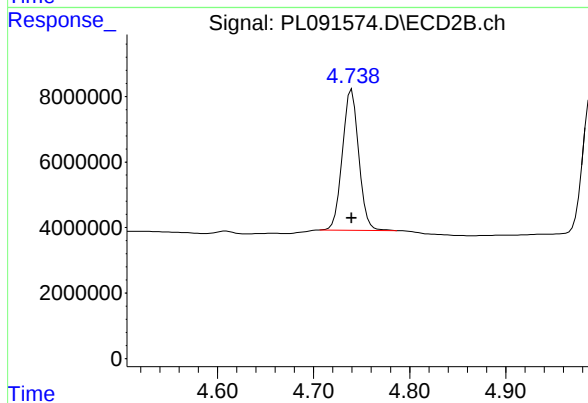
#7 delta-BHC

R.T.: 4.145 min  
Delta R.T.: 0.000 min  
Response: 54493997  
Conc: 23.27 ng/ml



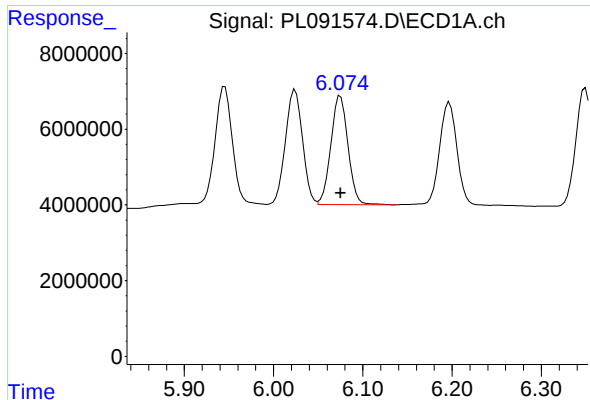
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 41569964  
Conc: 25.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.738 min  
Delta R.T.: -0.001 min  
Response: 50296810  
Conc: 24.18 ng/ml m



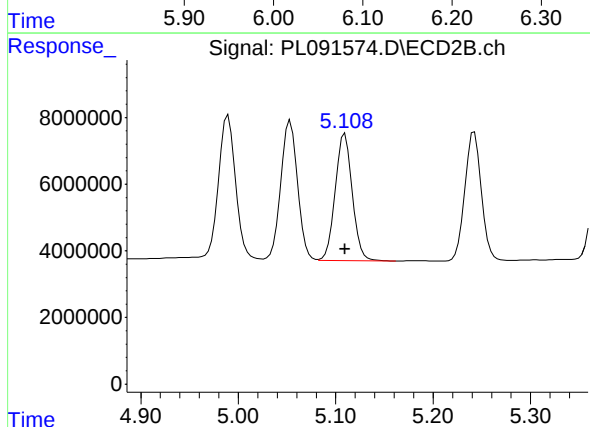
#9 Endosulfan I

R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 38466605  
Conc: 25.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

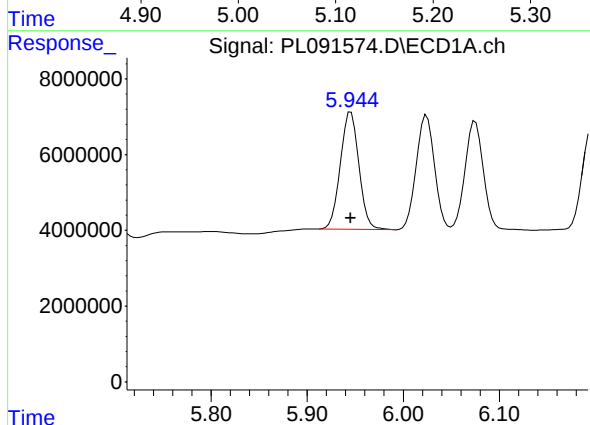
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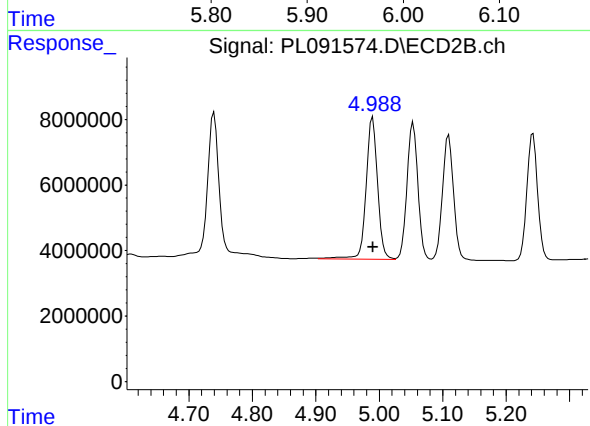
#9 Endosulfan I

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 46309768  
Conc: 24.38 ng/ml



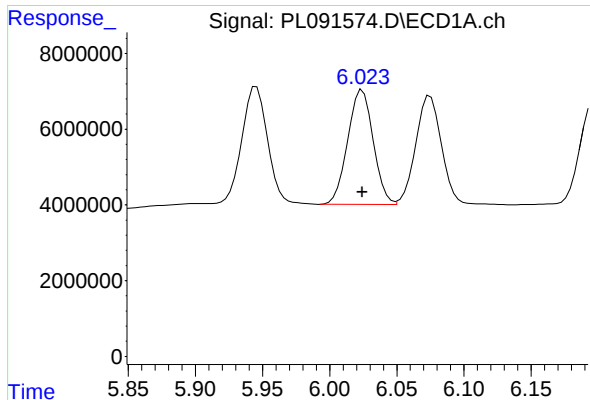
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 41293121  
Conc: 25.39 ng/ml



#10 gamma-Chlordane

R.T.: 4.990 min  
Delta R.T.: 0.000 min  
Response: 54744702  
Conc: 25.16 ng/ml



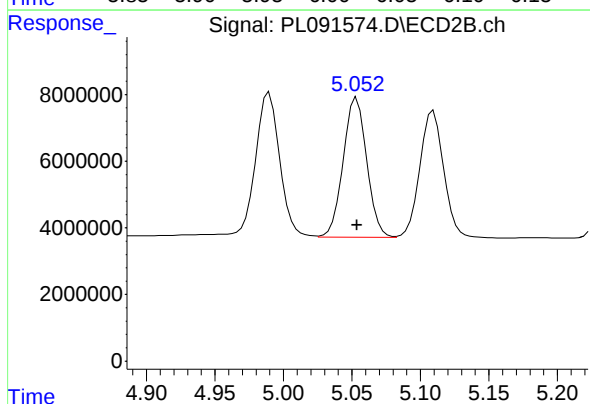
#11 alpha-Chlordane

R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 40240057  
Conc: 25.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

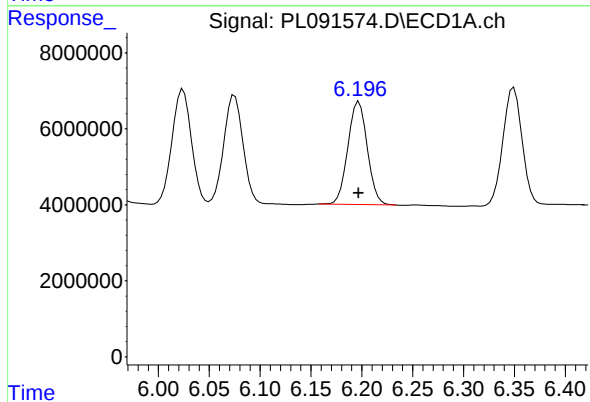
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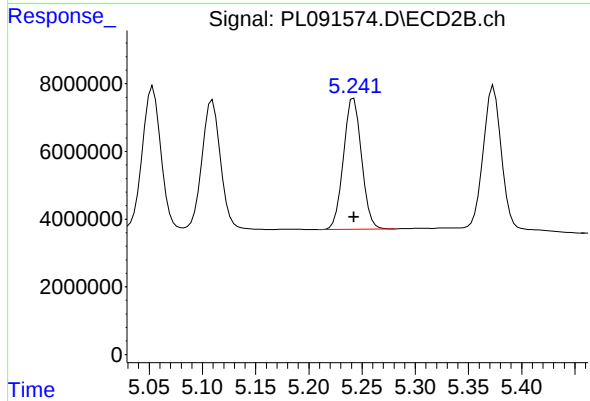
#11 alpha-Chlordane

R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 50217956  
Conc: 24.26 ng/ml



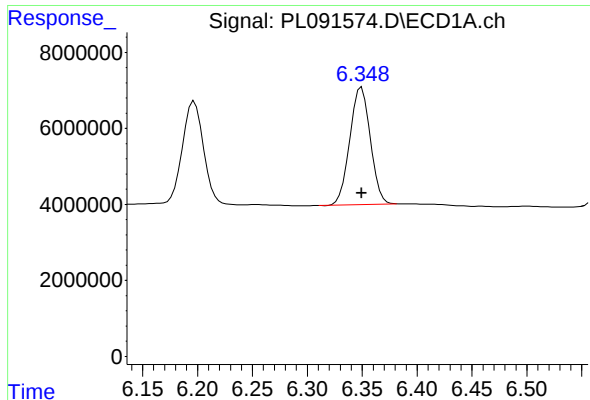
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 36033055  
Conc: 24.99 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 45504345  
Conc: 23.68 ng/ml



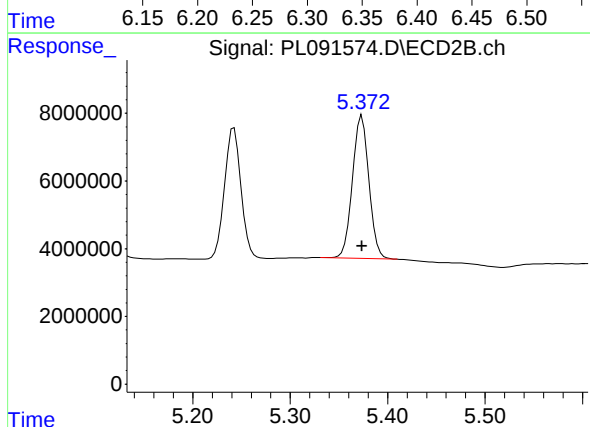
#13 Dieldrin

R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 40291241  
Conc: 25.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

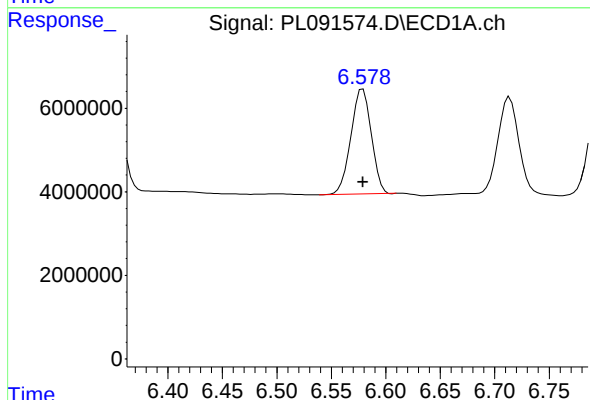
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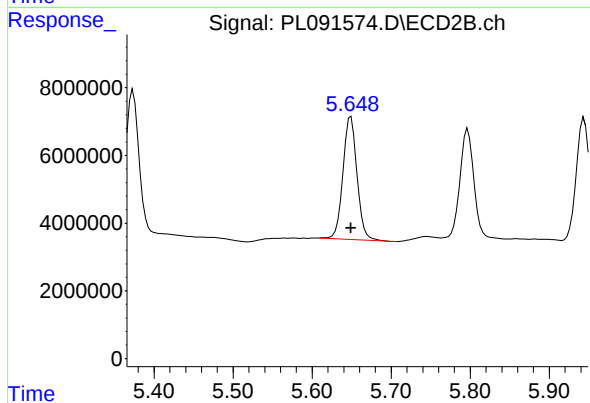
#13 Dieldrin

R.T.: 5.374 min  
Delta R.T.: 0.000 min  
Response: 49413665  
Conc: 23.91 ng/ml



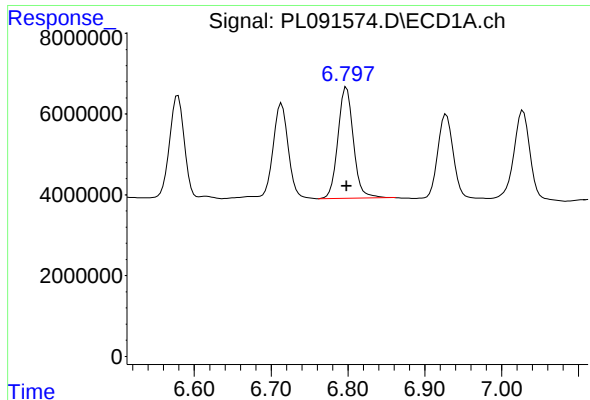
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 32800448  
Conc: 25.14 ng/ml



#14 Endrin

R.T.: 5.649 min  
Delta R.T.: 0.000 min  
Response: 44726926  
Conc: 24.42 ng/ml



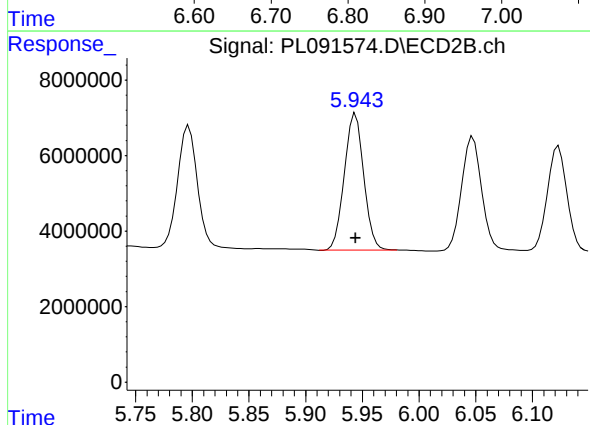
#15 Endosulfan II

R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 37884948  
Conc: 26.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

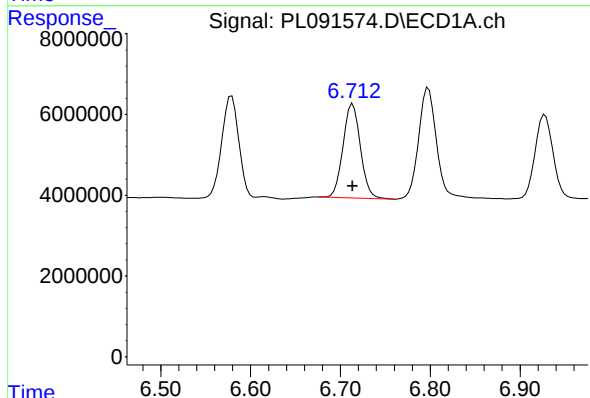
Manual Integrations  
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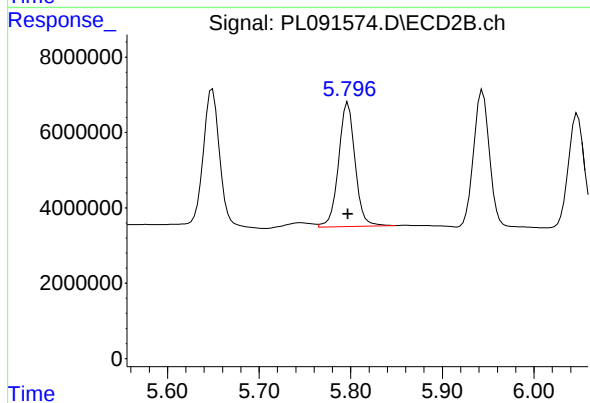
#15 Endosulfan II

R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 43021147  
Conc: 24.25 ng/ml



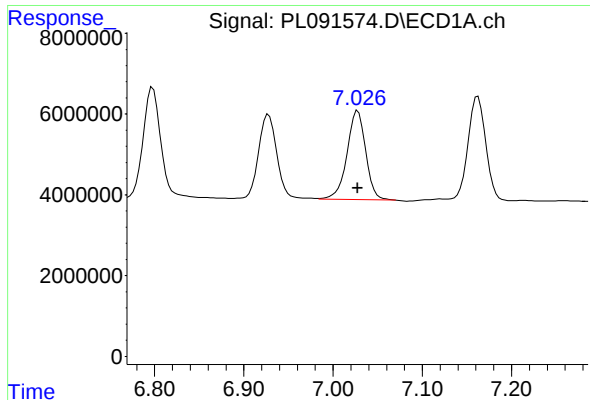
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 31265818  
Conc: 25.24 ng/ml



#16 4,4'-DDD

R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 41368041  
Conc: 24.92 ng/ml



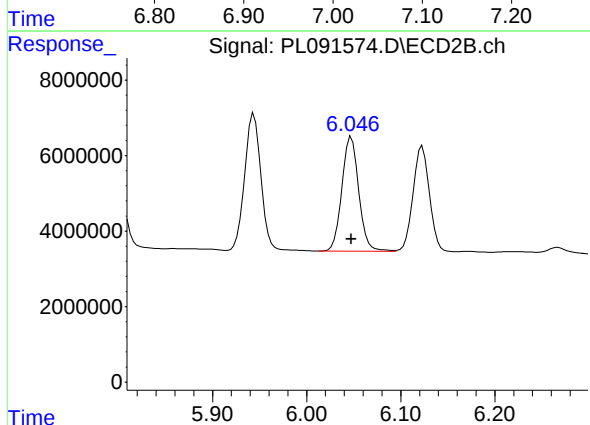
#17 4,4'-DDT

R.T.: 7.028 min  
Delta R.T.: 0.000 min  
Response: 32112615  
Conc: 25.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

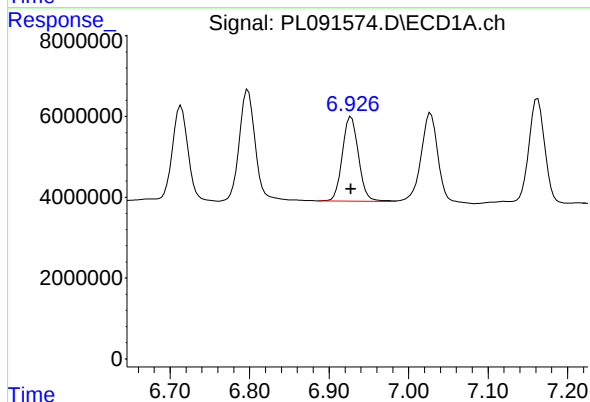
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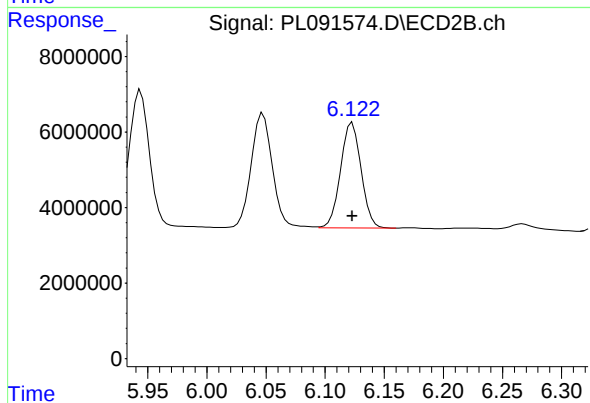
#17 4,4'-DDT

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 37889474  
Conc: 23.78 ng/ml



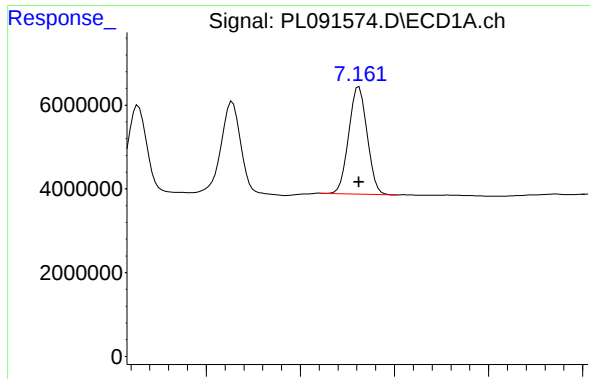
#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: 0.000 min  
Response: 29584661  
Conc: 26.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 33689787  
Conc: 24.74 ng/ml



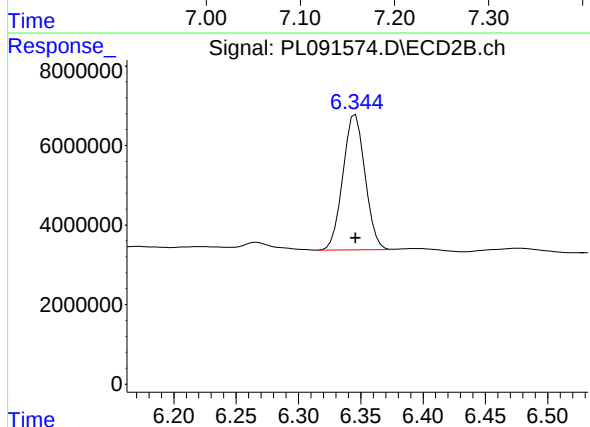
#19 Endosulfan Sulfate

R.T.: 7.162 min  
Delta R.T.: 0.000 min  
Response: 34977060  
Conc: 26.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

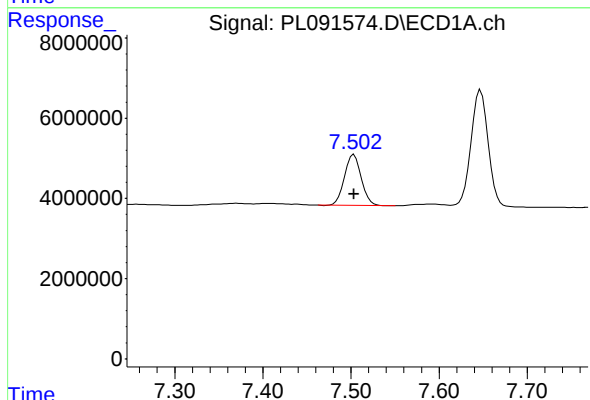
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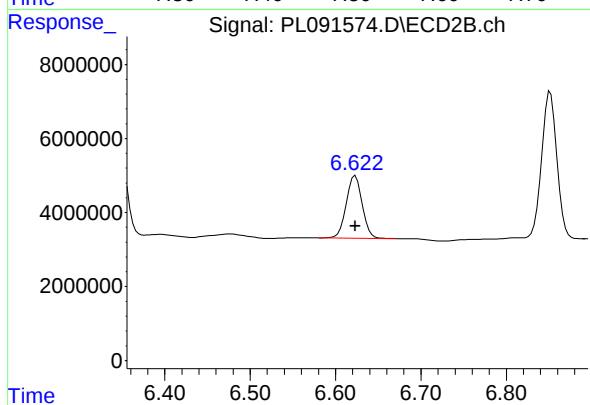
#19 Endosulfan Sulfate

R.T.: 6.346 min  
Delta R.T.: 0.000 min  
Response: 41929421  
Conc: 24.55 ng/ml



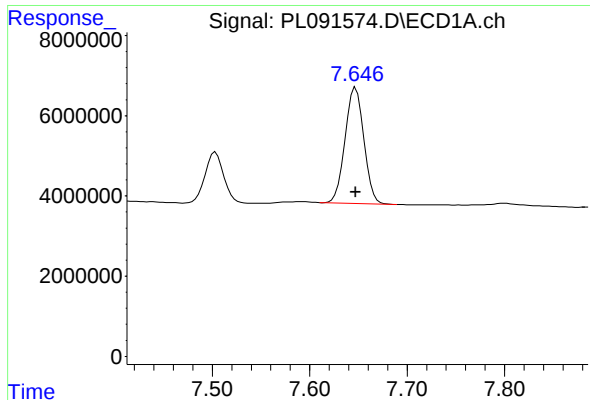
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 16748564  
Conc: 25.38 ng/ml



#20 Methoxychlor

R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 21956443  
Conc: 25.19 ng/ml



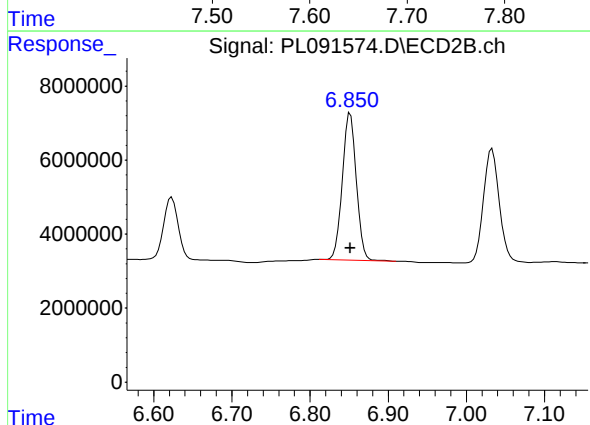
#21 Endrin ketone

R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 38720354  
Conc: 25.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

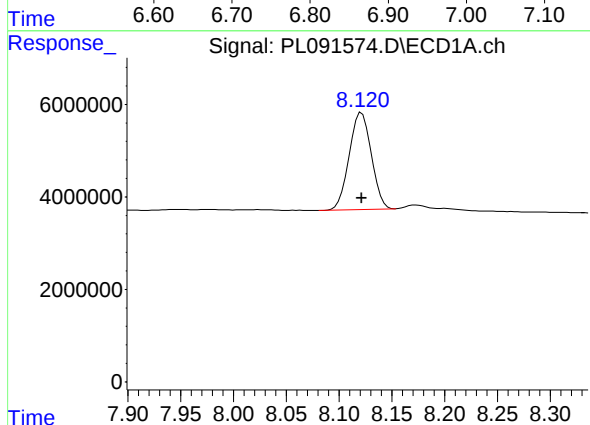
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2024  
Supervised By :Ankita Jodhani 09/11/2024



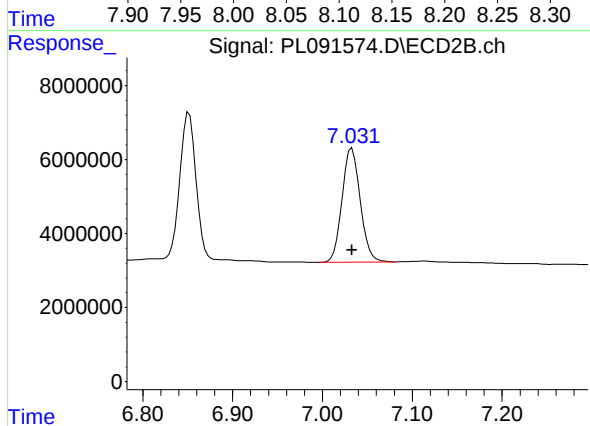
#21 Endrin ketone

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 49510310  
Conc: 24.56 ng/ml



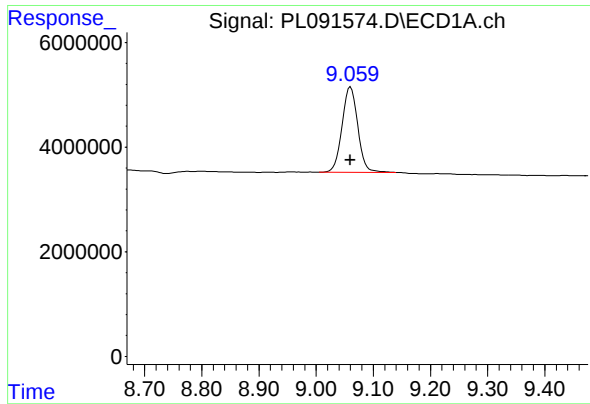
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: 0.000 min  
Response: 30592366  
Conc: 26.39 ng/ml



#22 Mirex

R.T.: 7.033 min  
Delta R.T.: 0.000 min  
Response: 43256877  
Conc: 26.39 ng/ml



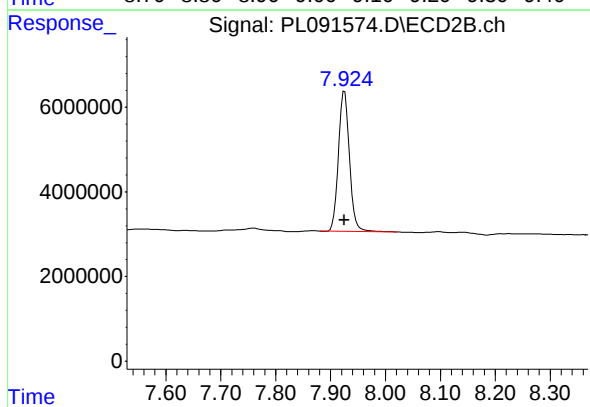
#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 31298985  
Conc: 26.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2024  
Supervised By :Ankita Jodhani 09/11/2024



#28 Decachlorobiphenyl

R.T.: 7.925 min  
Delta R.T.: 0.000 min  
Response: 46252542  
Conc: 25.77 ng/ml