

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081624\  
 Data File : PL091137.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Aug 2024 11:10  
 Operator : AR\AJ  
 Sample : PB162486BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB162486BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 08/19/2024  
 Supervised By : Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 11:51:35 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 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...          | 3.546 | 2.786 | 38852818 | 35632390 | 18.095  | 18.254 |
| 28) SA Decachlor...         | 9.061 | 7.929 | 30559739 | 35510484 | 20.045  | 18.748 |
| Target Compounds            |       |       |          |          |         |        |
| 2) A alpha-BHC              | 4.001 | 3.290 | 136.0E6  | 136.4E6  | 45.358  | 49.173 |
| 3) MA gamma-BHC...          | 4.333 | 3.620 | 129.6E6  | 129.1E6  | 45.175m | 49.025 |
| 4) MA Heptachlor            | 4.923 | 3.960 | 118.1E6  | 122.2E6  | 44.334  | 47.326 |
| 5) MB Aldrin                | 5.265 | 4.240 | 117.2E6  | 119.8E6  | 45.402  | 48.704 |
| 6) B beta-BHC               | 4.530 | 3.919 | 60918288 | 56781775 | 45.046  | 48.240 |
| 7) B delta-BHC              | 4.777 | 4.148 | 124.2E6  | 125.1E6  | 45.615  | 49.354 |
| 8) B Heptachlo...           | 5.691 | 4.743 | 110.5E6  | 111.2E6  | 45.161  | 49.326 |
| 9) A Endosulfan I           | 6.076 | 5.113 | 101.4E6  | 104.4E6  | 45.174  | 49.485 |
| 10) B gamma-Chl...          | 5.946 | 4.993 | 110.6E6  | 116.0E6  | 45.750  | 49.072 |
| 11) B alpha-Chl...          | 6.026 | 5.057 | 108.7E6  | 114.8E6  | 45.152  | 48.797 |
| 12) B 4,4'-DDE              | 6.199 | 5.246 | 96333379 | 104.8E6  | 46.046  | 50.175 |
| 13) MA Dieldrin             | 6.352 | 5.377 | 106.4E6  | 112.5E6  | 45.181  | 49.408 |
| 14) MA Endrin               | 6.581 | 5.653 | 86734507 | 98541626 | 44.726  | 48.372 |
| 15) B Endosulfa...          | 6.800 | 5.947 | 92416681 | 98481619 | 45.668  | 50.903 |
| 16) A 4,4'-DDD              | 6.716 | 5.801 | 81963679 | 88732400 | 54.231  | 53.752 |
| 17) MA 4,4'-DDT             | 7.030 | 6.051 | 80811983 | 85849156 | 45.526  | 48.327 |
| 18) B Endrin al...          | 6.930 | 6.126 | 73726266 | 77317653 | 46.183  | 49.636 |
| 19) B Endosulfa...          | 7.164 | 6.349 | 87594672 | 93861219 | 45.655  | 48.683 |
| 20) A Methoxychlor          | 7.505 | 6.627 | 44527287 | 46112110 | 47.356  | 46.438 |
| 21) B Endrin ke...          | 7.647 | 6.855 | 96201615 | 105.2E6  | 45.816m | 48.313 |
| 22) Mirex                   | 8.123 | 7.037 | 75508631 | 85943267 | 44.387  | 46.047 |
| -----                       |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081624\  
Data File : PL091137.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Aug 2024 11:10  
Operator : AR\AJ  
Sample : PB162486BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB162486BS

## Manual Integrations

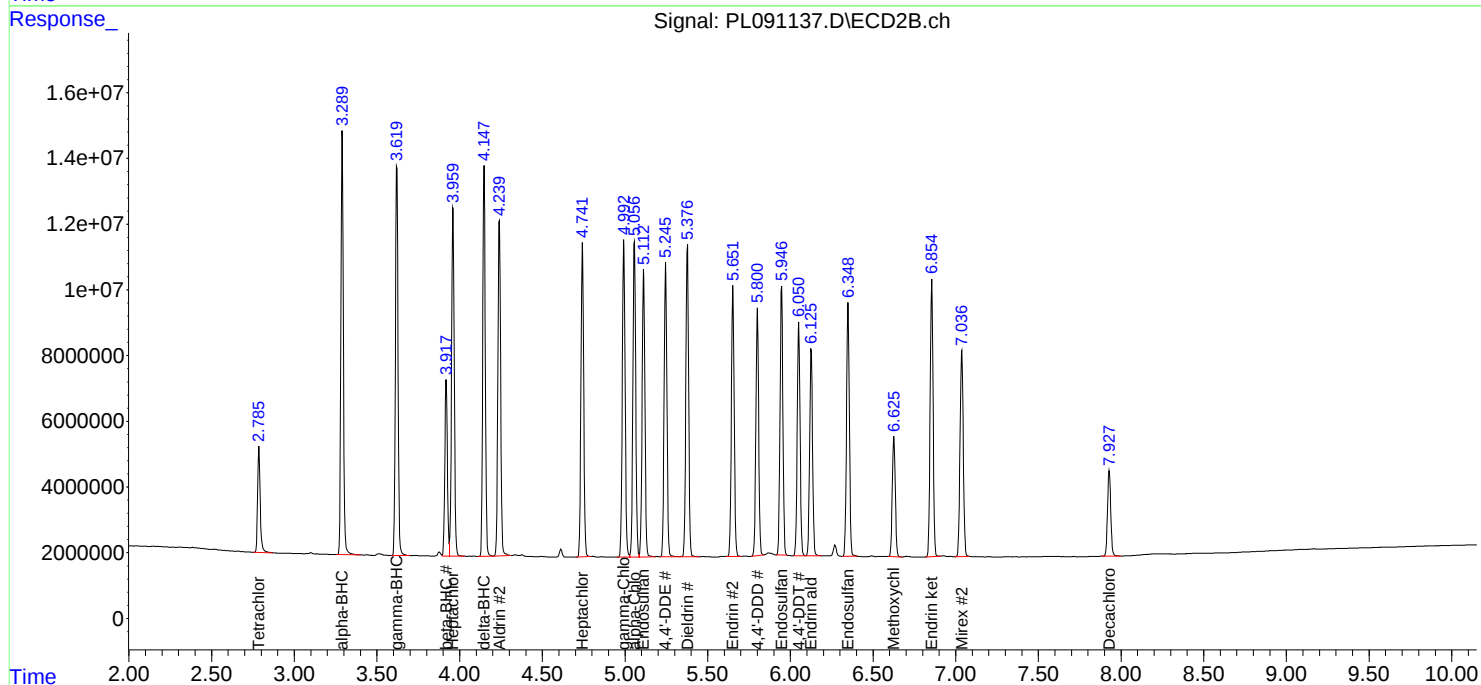
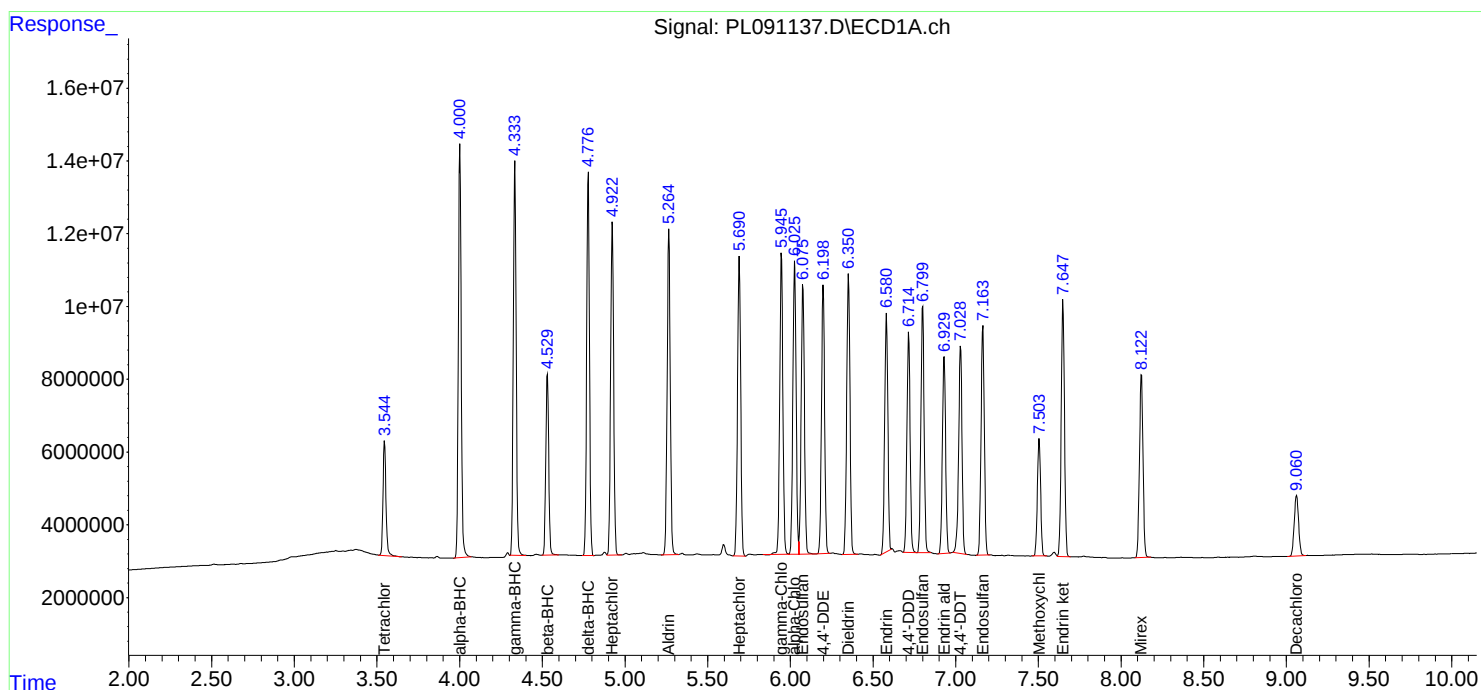
## APPROVED

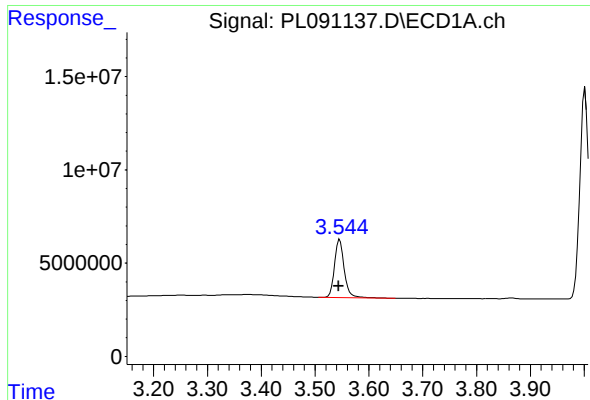
Reviewed By :Abdul Mirza 08/19/2024

Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 11:51:35 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 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.: 3.546 min  
Delta R.T.: 0.002 min  
Response: 38852818  
Conc: 18.09 ng/ml

Instrument :

ECD\_L

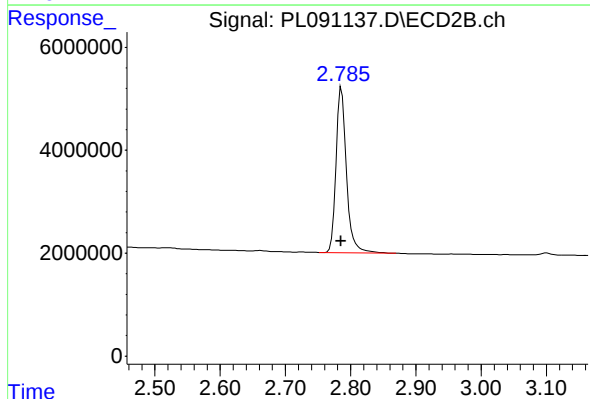
ClientSampleId :

PB162486BS

Manual Integrations

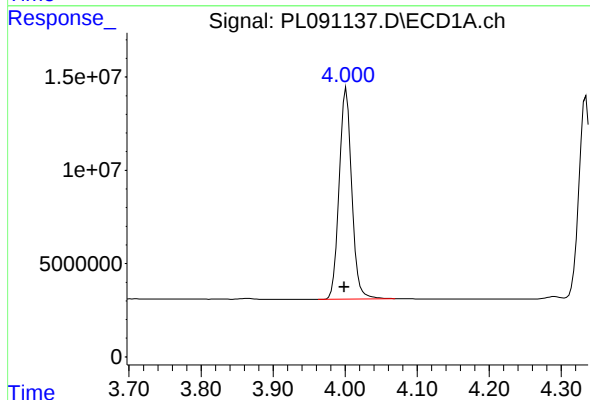
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Reviewed By :Abdul Mirza 08/19/2024  
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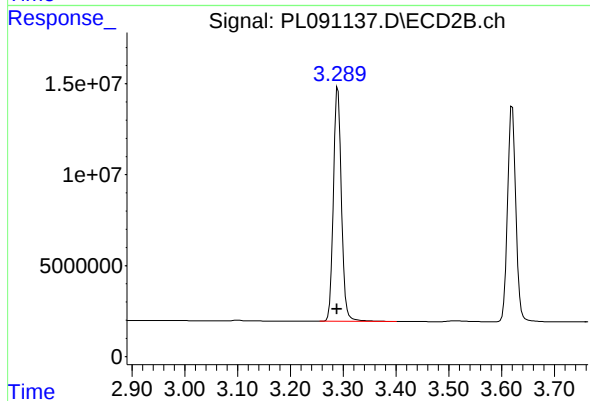
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: 0.001 min  
Response: 35632390  
Conc: 18.25 ng/ml



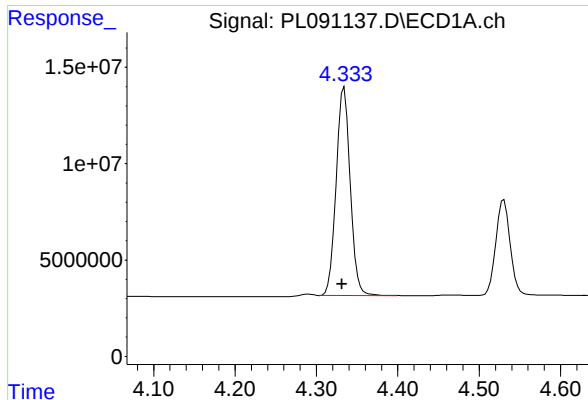
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.002 min  
Response: 135975355  
Conc: 45.36 ng/ml



#2 alpha-BHC

R.T.: 3.290 min  
Delta R.T.: 0.001 min  
Response: 136379000  
Conc: 49.17 ng/ml



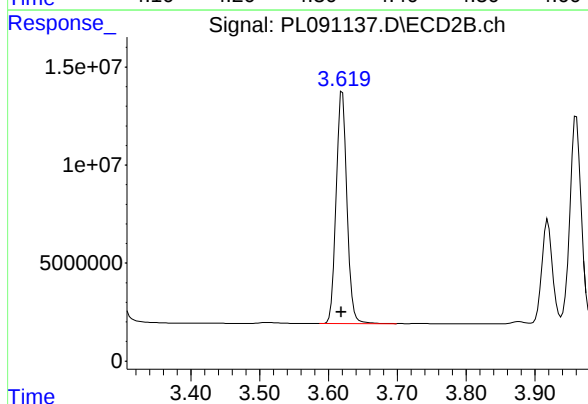
#3 gamma-BHC (Lindane)

R.T.: 4.333 min  
Delta R.T.: 0.001 min  
Response: 129592395  
Conc: 45.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162486BS

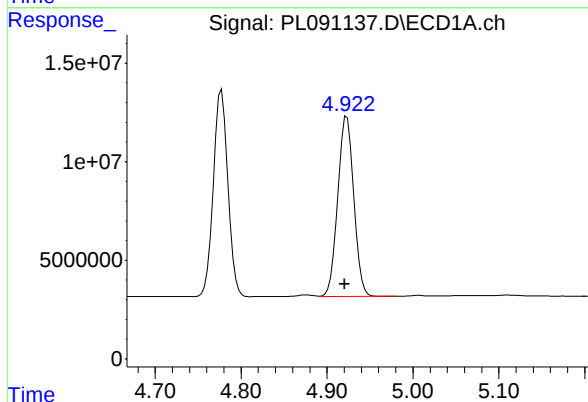
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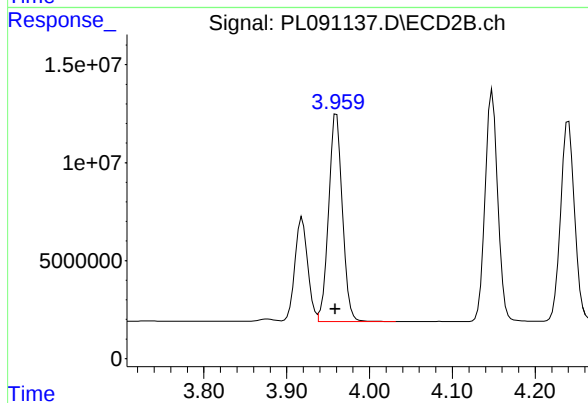
#3 gamma-BHC (Lindane)

R.T.: 3.620 min  
Delta R.T.: 0.002 min  
Response: 129129307  
Conc: 49.03 ng/ml



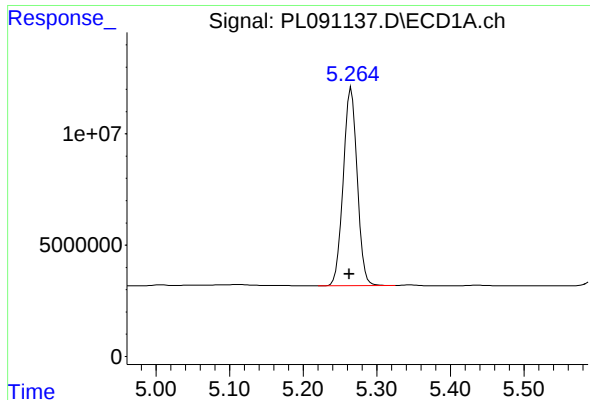
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.003 min  
Response: 118063133  
Conc: 44.33 ng/ml



#4 Heptachlor

R.T.: 3.960 min  
Delta R.T.: 0.001 min  
Response: 122228010  
Conc: 47.33 ng/ml



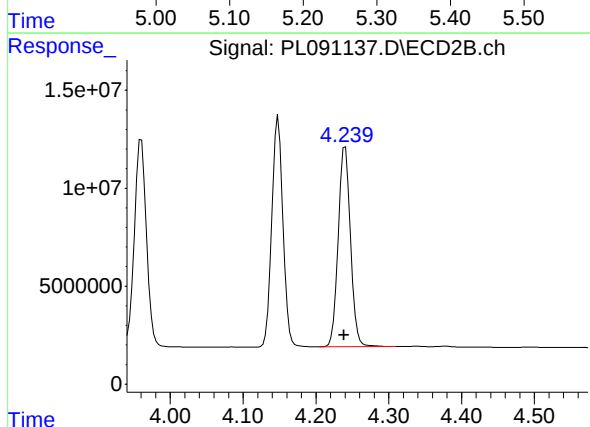
#5 Aldrin

R.T.: 5.265 min  
Delta R.T.: 0.003 min  
Response: 117175611  
Conc: 45.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162486BS

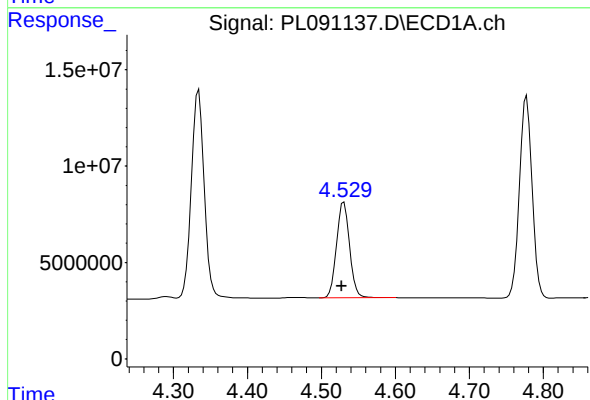
Manual Integrations  
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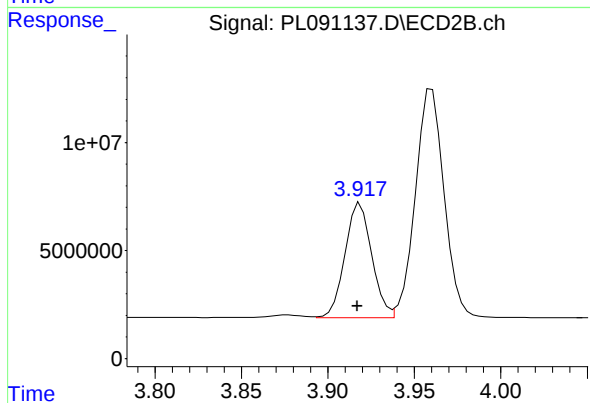
#5 Aldrin

R.T.: 4.240 min  
Delta R.T.: 0.001 min  
Response: 119772007  
Conc: 48.70 ng/ml



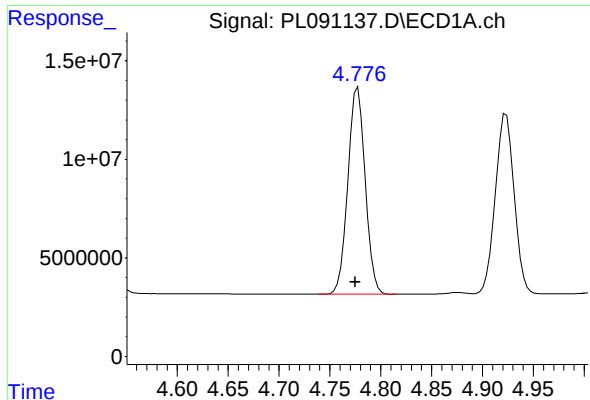
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.003 min  
Response: 60918288  
Conc: 45.05 ng/ml



#6 beta-BHC

R.T.: 3.919 min  
Delta R.T.: 0.002 min  
Response: 56781775  
Conc: 48.24 ng/ml



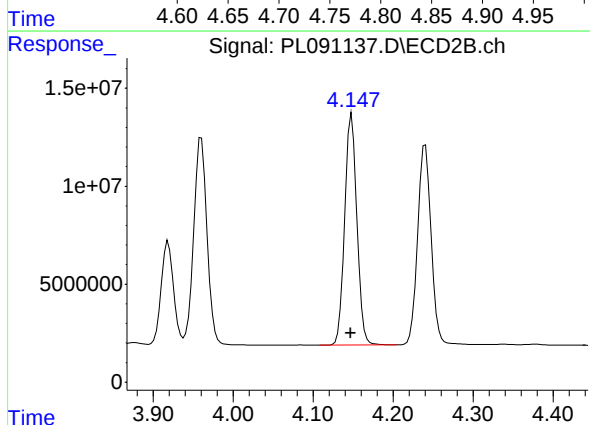
#7 delta-BHC

R.T.: 4.777 min  
Delta R.T.: 0.002 min  
Response: 124185759  
Conc: 45.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162486BS

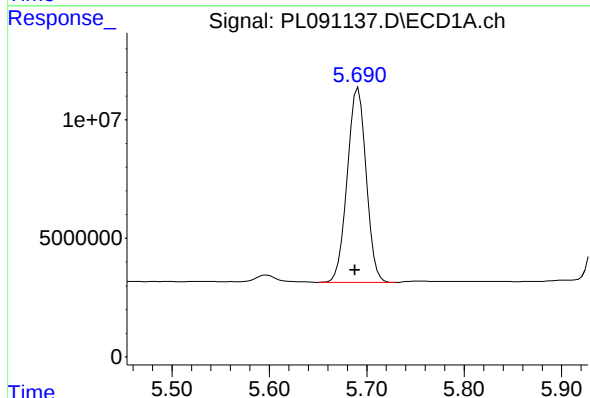
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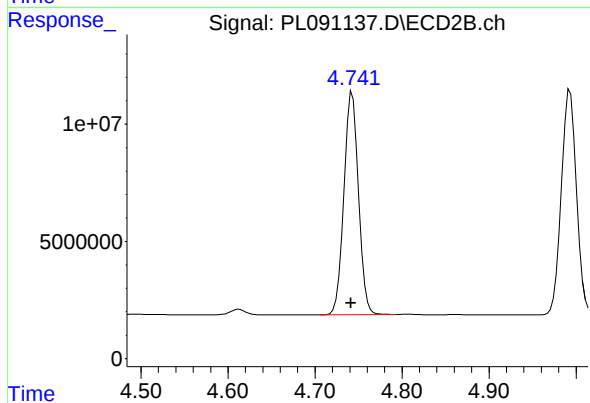
#7 delta-BHC

R.T.: 4.148 min  
Delta R.T.: 0.001 min  
Response: 125073398  
Conc: 49.35 ng/ml



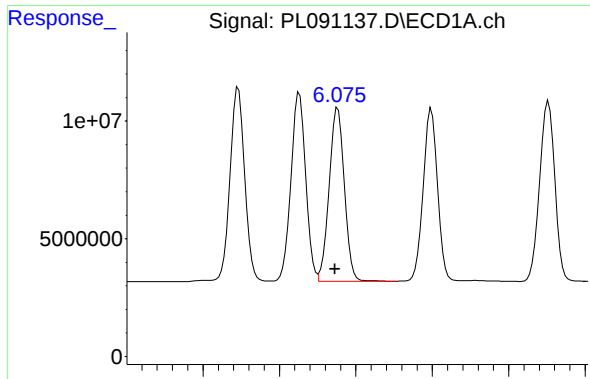
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: 0.003 min  
Response: 110489240  
Conc: 45.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.743 min  
Delta R.T.: 0.001 min  
Response: 111222381  
Conc: 49.33 ng/ml



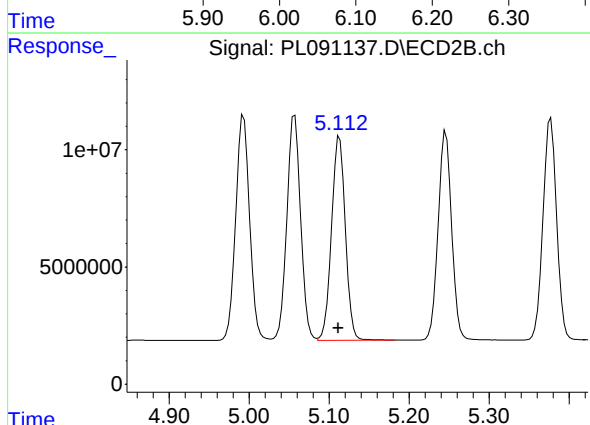
#9 Endosulfan I

R.T.: 6.076 min  
Delta R.T.: 0.003 min  
Response: 101432074  
Conc: 45.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162486BS

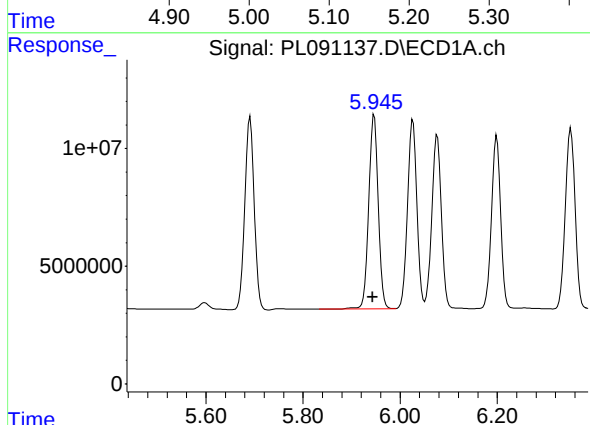
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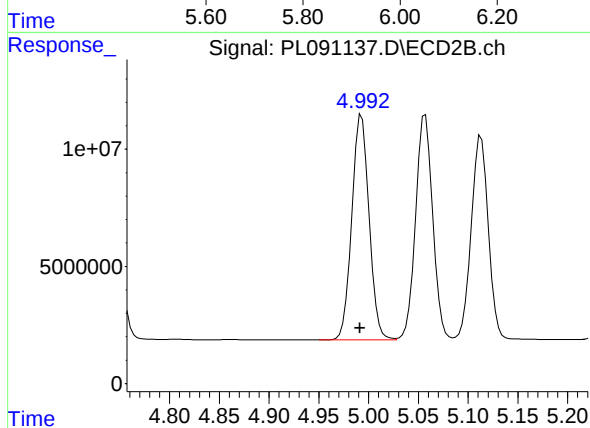
#9 Endosulfan I

R.T.: 5.113 min  
Delta R.T.: 0.002 min  
Response: 104422810  
Conc: 49.49 ng/ml



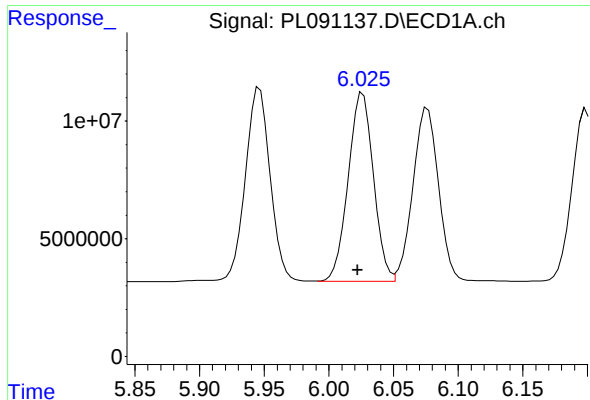
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: 0.003 min  
Response: 110550561  
Conc: 45.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.993 min  
Delta R.T.: 0.002 min  
Response: 116003275  
Conc: 49.07 ng/ml



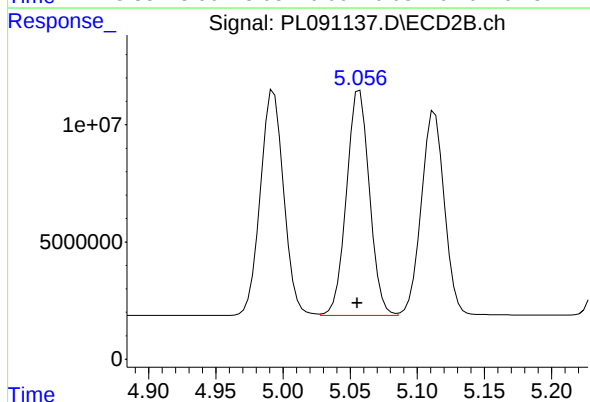
#11 alpha-Chlordane

R.T.: 6.026 min  
Delta R.T.: 0.004 min  
Response: 108713536  
Conc: 45.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162486BS

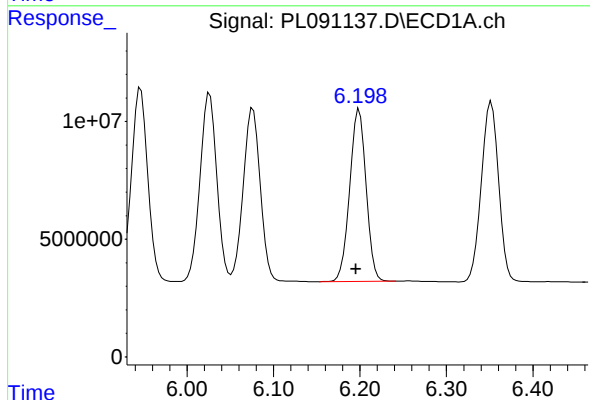
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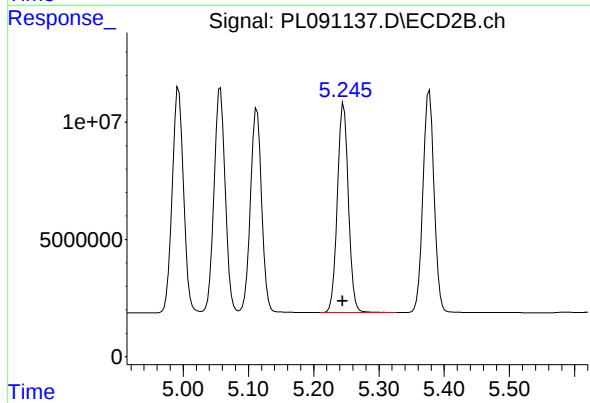
#11 alpha-Chlordane

R.T.: 5.057 min  
Delta R.T.: 0.002 min  
Response: 114798508  
Conc: 48.80 ng/ml



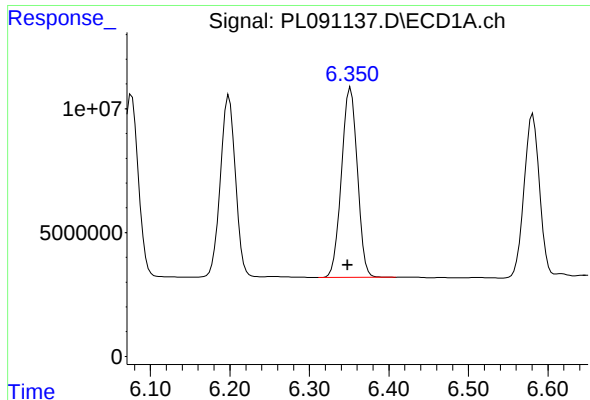
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: 0.004 min  
Response: 96333379  
Conc: 46.05 ng/ml



#12 4,4'-DDE

R.T.: 5.246 min  
Delta R.T.: 0.001 min  
Response: 104835544  
Conc: 50.17 ng/ml



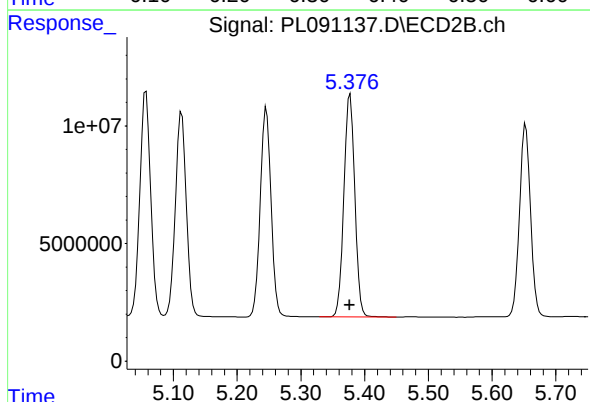
#13 Dieldrin

R.T.: 6.352 min  
Delta R.T.: 0.004 min  
Response: 106412436  
Conc: 45.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162486BS

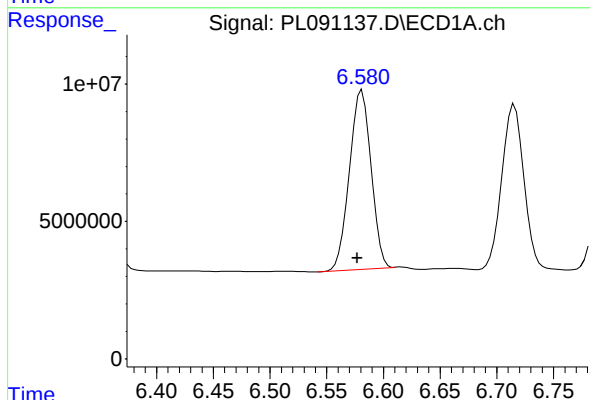
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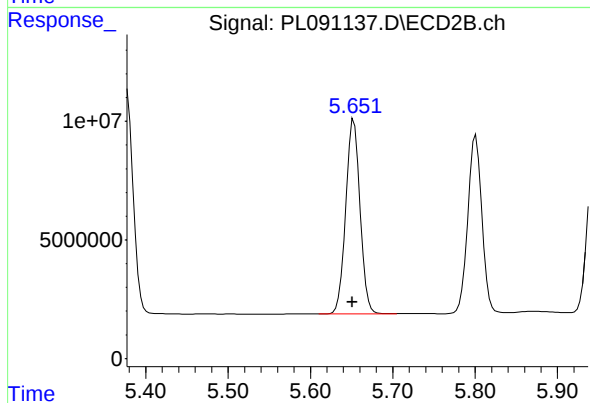
#13 Dieldrin

R.T.: 5.377 min  
Delta R.T.: 0.001 min  
Response: 112527267  
Conc: 49.41 ng/ml



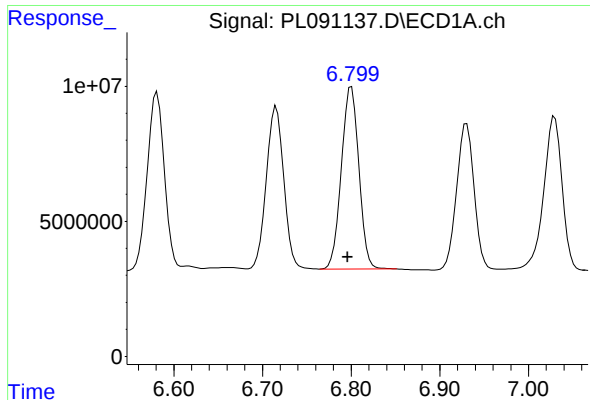
#14 Endrin

R.T.: 6.581 min  
Delta R.T.: 0.004 min  
Response: 86734507  
Conc: 44.73 ng/ml



#14 Endrin

R.T.: 5.653 min  
Delta R.T.: 0.002 min  
Response: 98541626  
Conc: 48.37 ng/ml



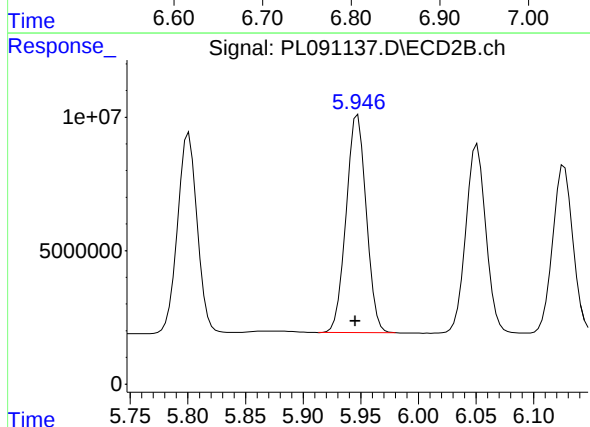
#15 Endosulfan II

R.T.: 6.800 min  
Delta R.T.: 0.004 min  
Response: 92416681  
Conc: 45.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162486BS

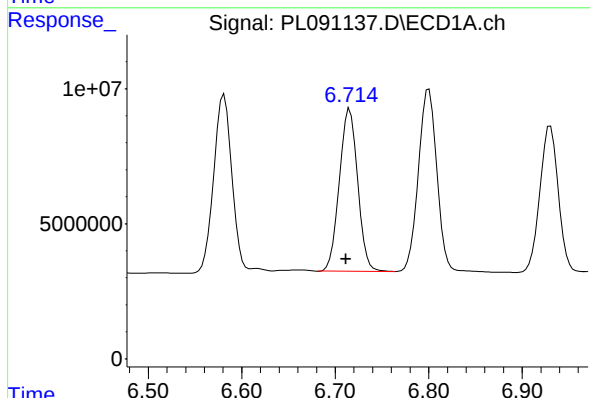
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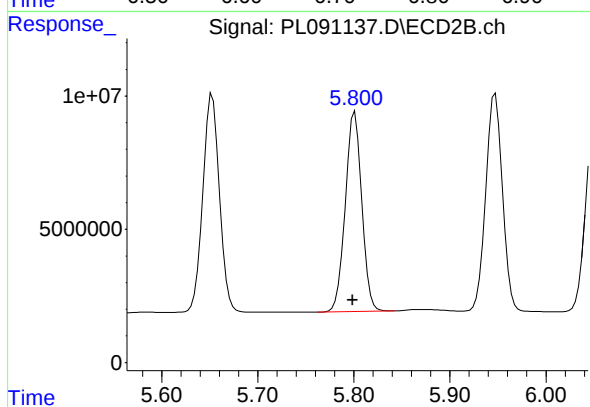
#15 Endosulfan II

R.T.: 5.947 min  
Delta R.T.: 0.002 min  
Response: 98481619  
Conc: 50.90 ng/ml



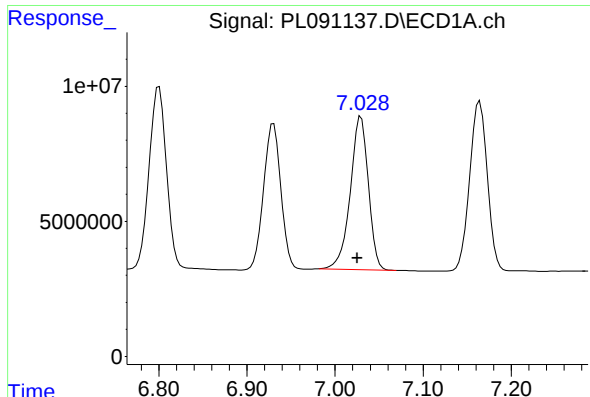
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: 0.004 min  
Response: 81963679  
Conc: 54.23 ng/ml



#16 4,4'-DDD

R.T.: 5.801 min  
Delta R.T.: 0.002 min  
Response: 88732400  
Conc: 53.75 ng/ml



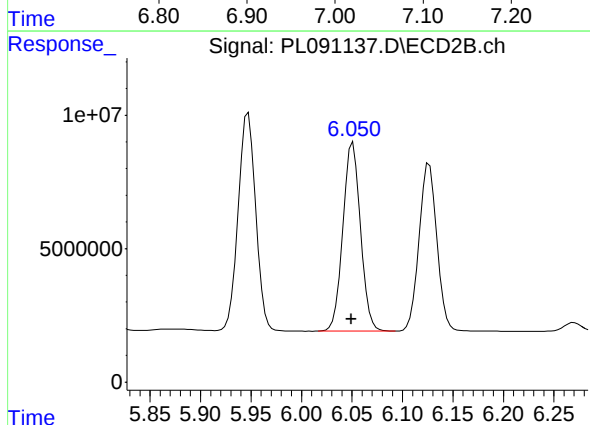
#17 4,4'-DDT

R.T.: 7.030 min  
Delta R.T.: 0.005 min  
Response: 80811983  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162486BS

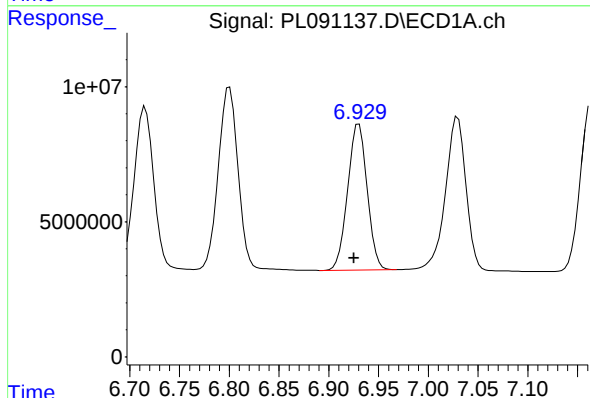
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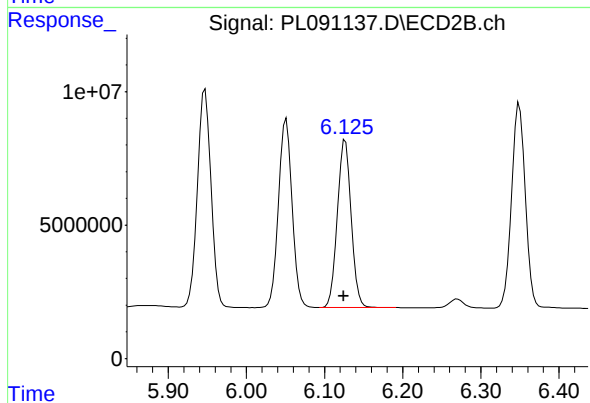
#17 4,4'-DDT

R.T.: 6.051 min  
Delta R.T.: 0.002 min  
Response: 85849156  
Conc: 48.33 ng/ml



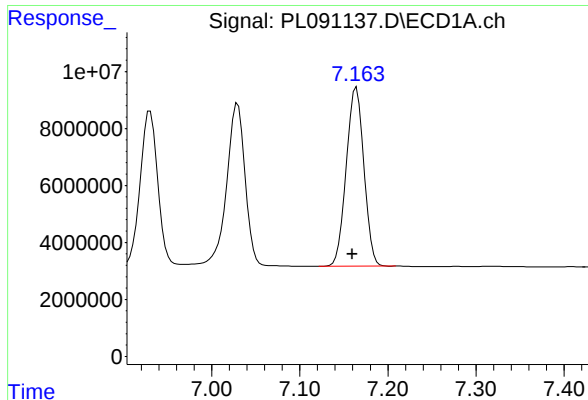
#18 Endrin aldehyde

R.T.: 6.930 min  
Delta R.T.: 0.005 min  
Response: 73726266  
Conc: 46.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.126 min  
Delta R.T.: 0.002 min  
Response: 77317653  
Conc: 49.64 ng/ml



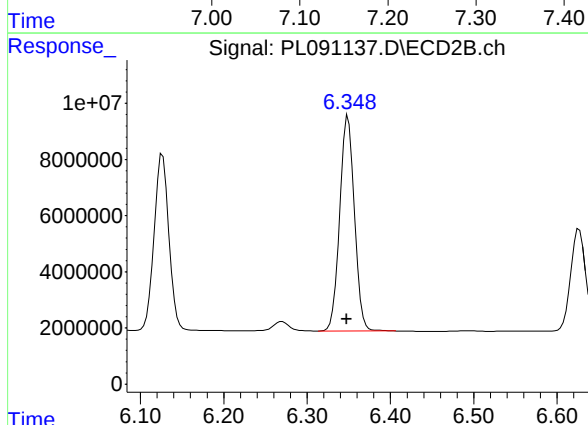
#19 Endosulfan Sulfate

R.T.: 7.164 min  
Delta R.T.: 0.005 min  
Response: 87594672  
Conc: 45.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162486BS

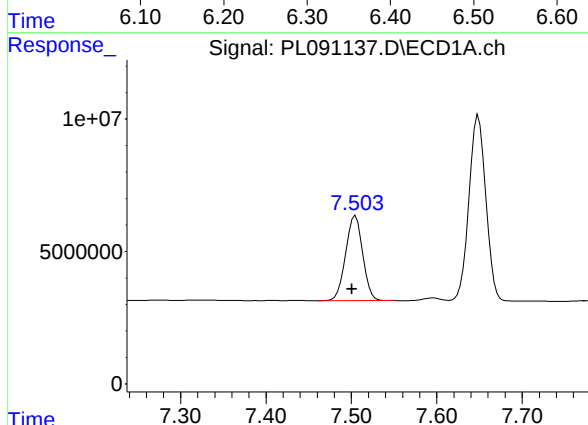
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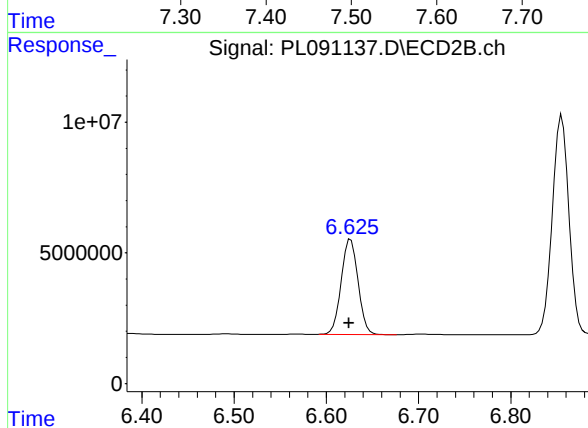
#19 Endosulfan Sulfate

R.T.: 6.349 min  
Delta R.T.: 0.002 min  
Response: 93861219  
Conc: 48.68 ng/ml



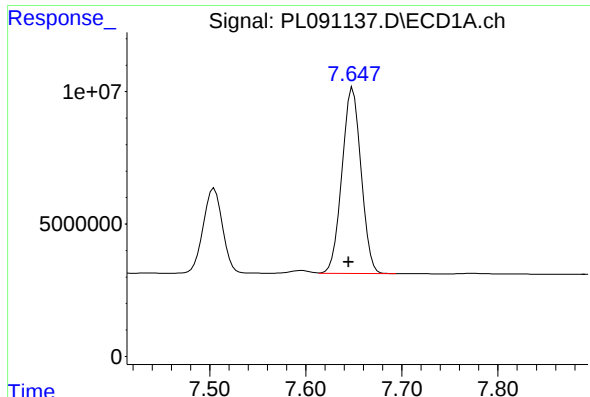
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.004 min  
Response: 44527287  
Conc: 47.36 ng/ml



#20 Methoxychlor

R.T.: 6.627 min  
Delta R.T.: 0.002 min  
Response: 46112110  
Conc: 46.44 ng/ml



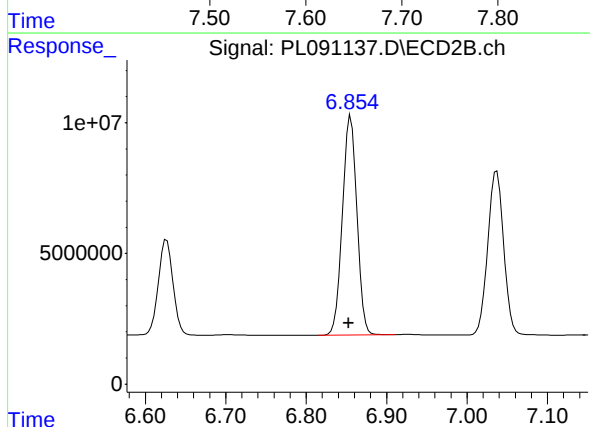
#21 Endrin ketone

R.T.: 7.647 min  
Delta R.T.: 0.003 min  
Response: 96201615  
Conc: 45.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162486BS

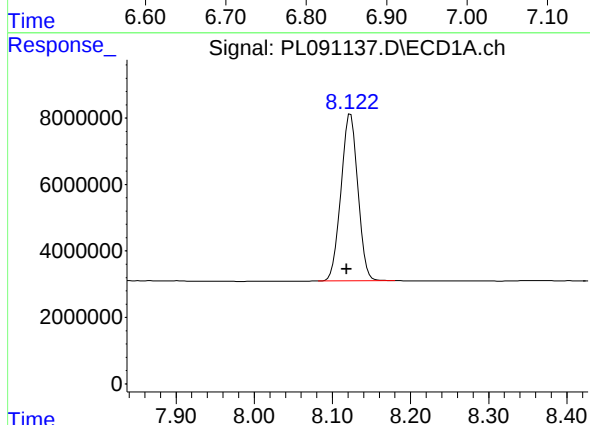
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/19/2024  
Supervised By :Ankita Jodhani 08/19/2024



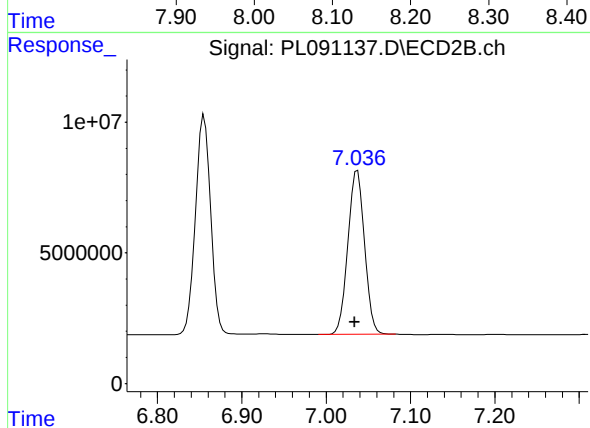
#21 Endrin ketone

R.T.: 6.855 min  
Delta R.T.: 0.003 min  
Response: 105223427  
Conc: 48.31 ng/ml



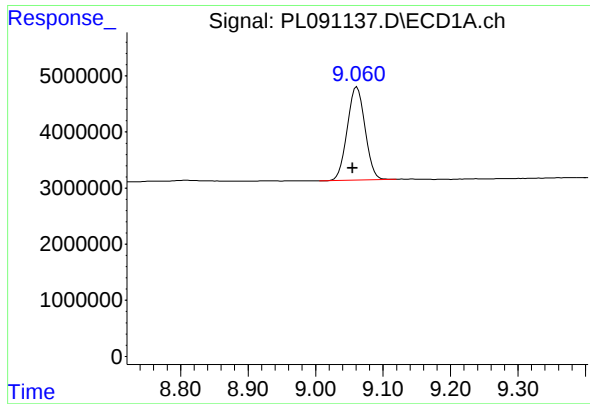
#22 Mirex

R.T.: 8.123 min  
Delta R.T.: 0.005 min  
Response: 75508631  
Conc: 44.39 ng/ml



#22 Mirex

R.T.: 7.037 min  
Delta R.T.: 0.003 min  
Response: 85943267  
Conc: 46.05 ng/ml



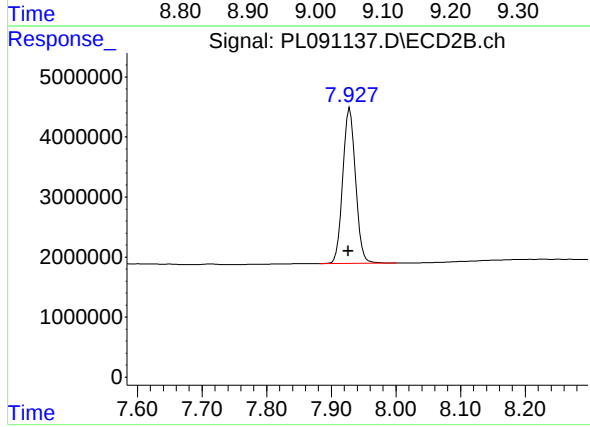
#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.006 min  
Response: 30559739  
Conc: 20.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162486BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/19/2024  
Supervised By :Ankita Jodhani 08/19/2024



#28 Decachlorobiphenyl

R.T.: 7.929 min  
Delta R.T.: 0.003 min  
Response: 35510484  
Conc: 18.75 ng/ml