

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123022\  
 Data File : PL079962.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Dec 2022 15:07  
 Operator : AR\AJ  
 Sample : PSTDICC075  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDICC075

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 12/30/2022  
 Supervised By : Ankita Jodhani 12/30/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 29 16:50:24 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 29 16:49:36 2022  
 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... | 3.363 | 2.696 | 103.9E6  | 139.4E6  | 74.708 | 75.333  |
| 28)                         | SA Decachlor... | 8.802 | 7.858 | 100.0E6  | 122.9E6  | 71.925 | 73.233  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.811 | 3.198 | 149.7E6  | 200.5E6  | 76.847 | 77.862  |
| 3)                          | MA gamma-BHC... | 4.140 | 3.527 | 134.4E6  | 187.7E6  | 75.785 | 77.023  |
| 4)                          | MA Heptachlor   | 4.724 | 3.871 | 133.4E6  | 165.5E6  | 74.911 | 76.419  |
| 5)                          | MB Aldrin       | 5.063 | 4.151 | 128.6E6  | 179.1E6  | 75.952 | 77.201  |
| 6)                          | B beta-BHC      | 4.335 | 3.822 | 60206763 | 80865515 | 72.811 | 74.386  |
| 7)                          | B delta-BHC     | 4.578 | 4.053 | 132.3E6  | 181.2E6  | 76.558 | 77.347  |
| 8)                          | B Heptachlo...  | 5.487 | 4.654 | 122.8E6  | 161.2E6  | 74.690 | 76.117  |
| 9)                          | A Endosulfan I  | 5.869 | 5.024 | 115.7E6  | 151.8E6  | 74.537 | 76.112  |
| 10)                         | B gamma-Chl...  | 5.741 | 4.906 | 124.0E6  | 163.9E6  | 74.786 | 76.399  |
| 11)                         | B alpha-Chl...  | 5.821 | 4.970 | 122.8E6  | 162.2E6  | 74.477 | 75.841  |
| 12)                         | B 4,4'-DDE      | 5.998 | 5.164 | 111.1E6  | 141.8E6  | 75.922 | 76.717  |
| 13)                         | MA Dieldrin     | 6.143 | 5.290 | 119.9E6  | 154.6E6  | 75.878 | 77.175  |
| 14)                         | MA Endrin       | 6.370 | 5.564 | 95969559 | 116.8E6  | 74.983 | 75.722  |
| 15)                         | B Endosulfa...  | 6.588 | 5.857 | 107.4E6  | 127.5E6  | 72.813 | 75.608m |
| 16)                         | A 4,4'-DDD      | 6.512 | 5.718 | 94385498 | 118.1E6  | 75.037 | 76.609  |
| 17)                         | MA 4,4'-DDT     | 6.825 | 5.971 | 93241843 | 99640099 | 73.572 | 75.183  |
| 18)                         | B Endrin al...  | 6.718 | 6.039 | 79565043 | 97881084 | 73.098 | 74.775  |
| 19)                         | B Endosulfa...  | 6.952 | 6.263 | 106.4E6  | 129.1E6  | 73.107 | 75.506  |
| 20)                         | A Methoxychlor  | 7.302 | 6.551 | 52163519 | 57918279 | 72.503 | 73.828  |
| 21)                         | B Endrin ke...  | 7.433 | 6.767 | 115.4E6  | 143.2E6  | 74.344 | 75.625  |
| 22)                         | Mirex           | 7.905 | 6.954 | 93549008 | 113.6E6  | 71.874 | 73.685  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123022\  
 Data File : PL079962.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Dec 2022 15:07  
 Operator : AR\AJ  
 Sample : PSTDICC075  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDICC075

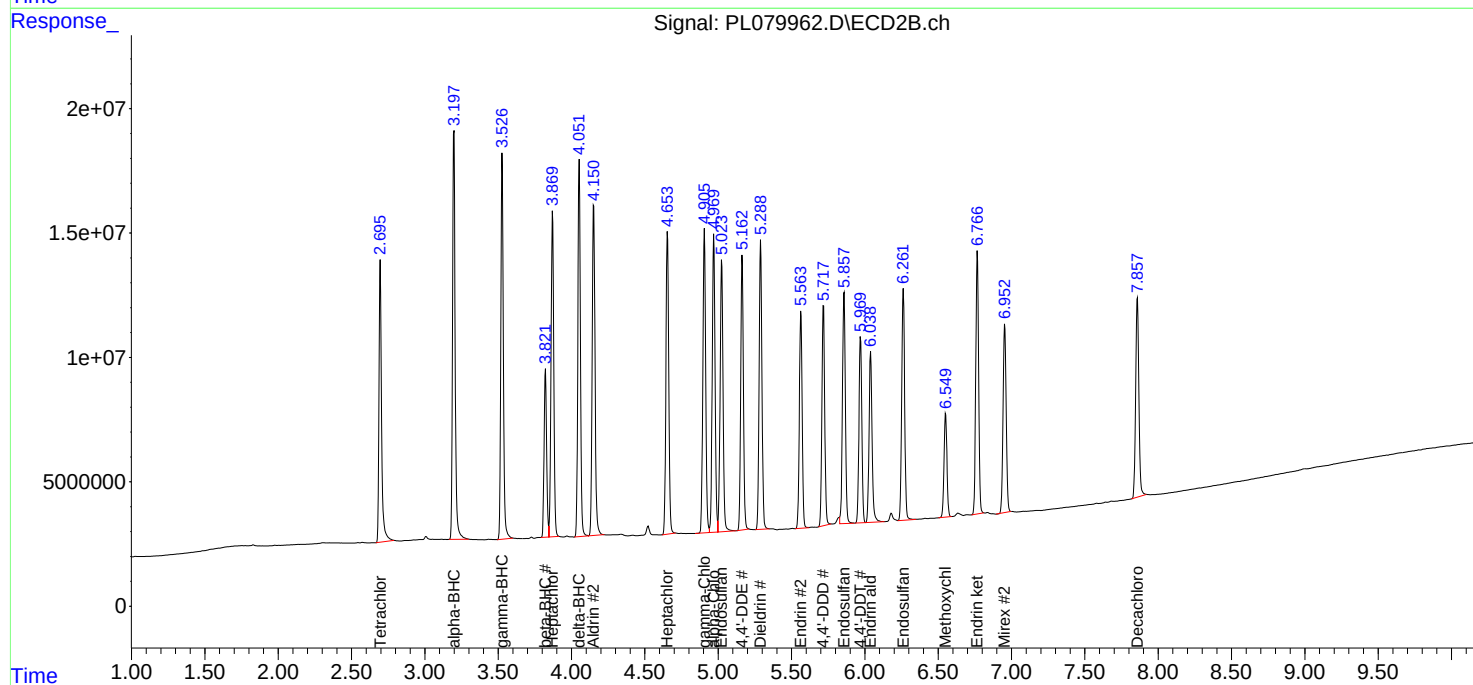
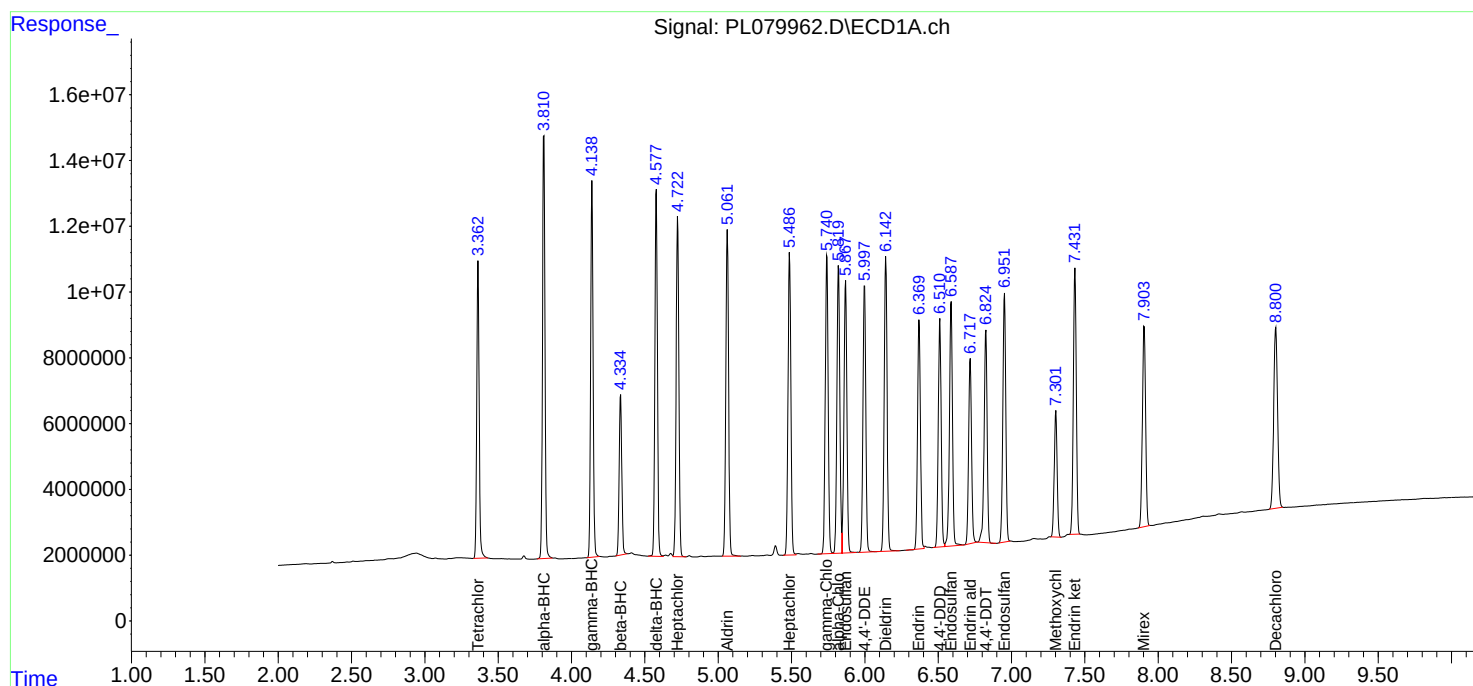
## Manual Integrations

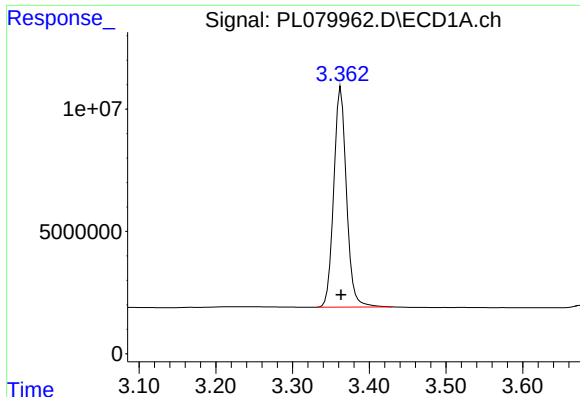
## APPROVED

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 29 16:50:24 2022  
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Volume Inj. : 1 µl  
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





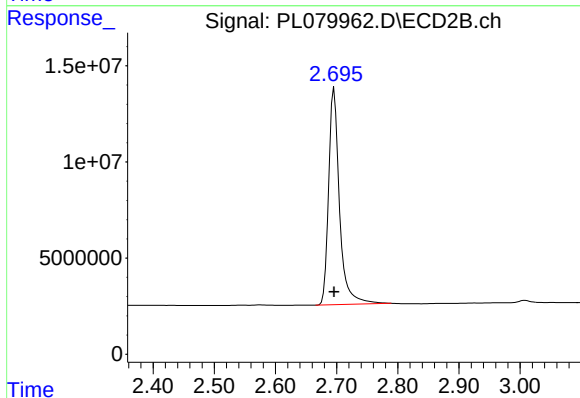
#1 Tetrachloro-m-xylene

R.T.: 3.363 min  
Delta R.T.: 0.000 min  
Response: 103923829  
Conc: 74.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

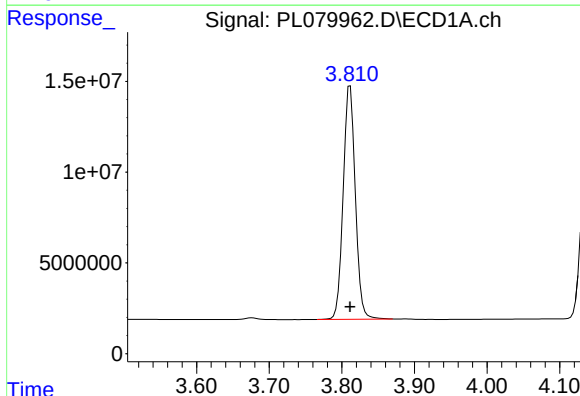
Manual Integrations  
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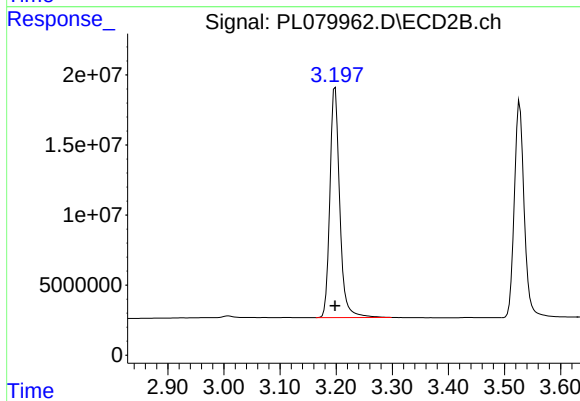
#1 Tetrachloro-m-xylene

R.T.: 2.696 min  
Delta R.T.: 0.000 min  
Response: 139367602  
Conc: 75.33 ng/ml



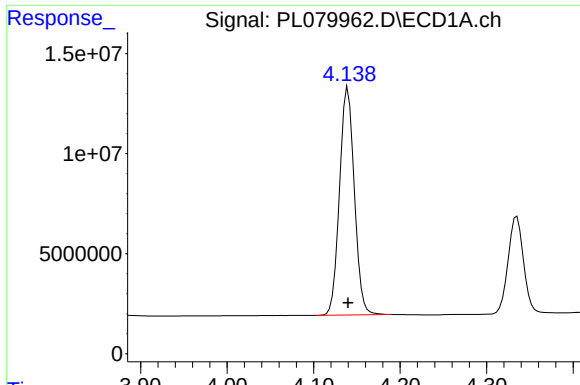
#2 alpha-BHC

R.T.: 3.811 min  
Delta R.T.: 0.000 min  
Response: 149659231  
Conc: 76.85 ng/ml



#2 alpha-BHC

R.T.: 3.198 min  
Delta R.T.: 0.000 min  
Response: 200472705  
Conc: 77.86 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 134447070  
Conc: 75.78 ng/ml

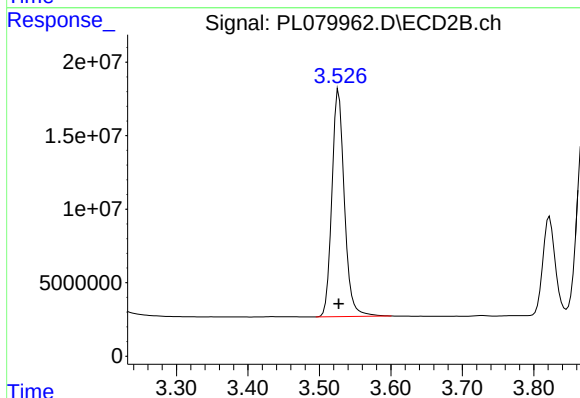
Instrument :

ECD\_L

ClientSampleId :  
PSTDICC075

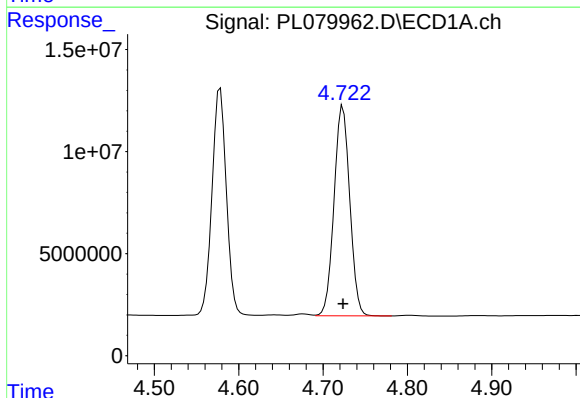
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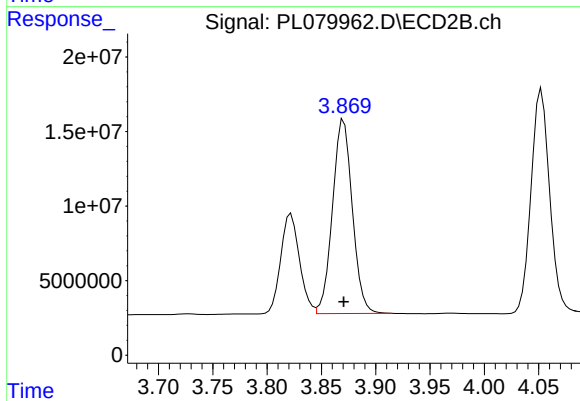
#3 gamma-BHC (Lindane)

R.T.: 3.527 min  
Delta R.T.: 0.000 min  
Response: 187729848  
Conc: 77.02 ng/ml



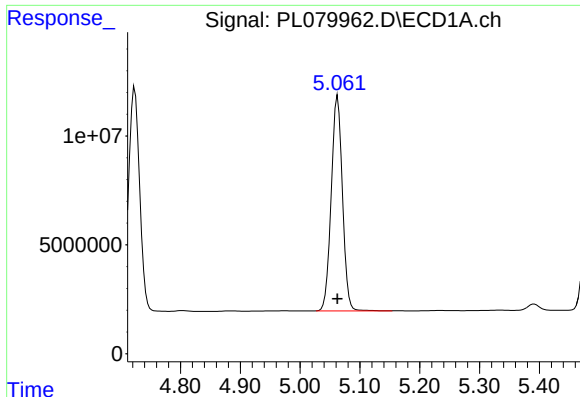
#4 Heptachlor

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 133360335  
Conc: 74.91 ng/ml



#4 Heptachlor

R.T.: 3.871 min  
Delta R.T.: 0.000 min  
Response: 165456008  
Conc: 76.42 ng/ml



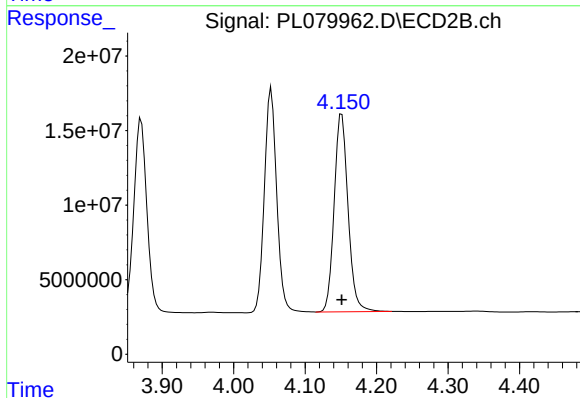
#5 Aldrin

R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 128616096  
Conc: 75.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

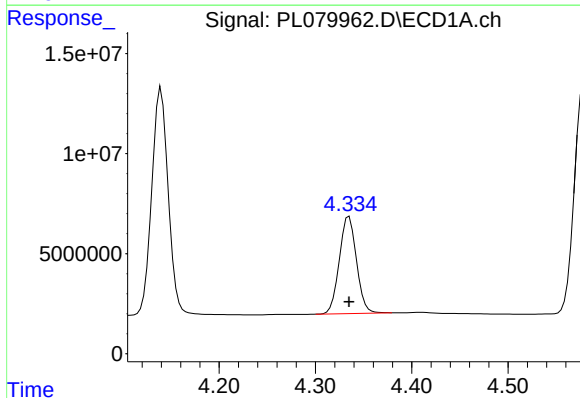
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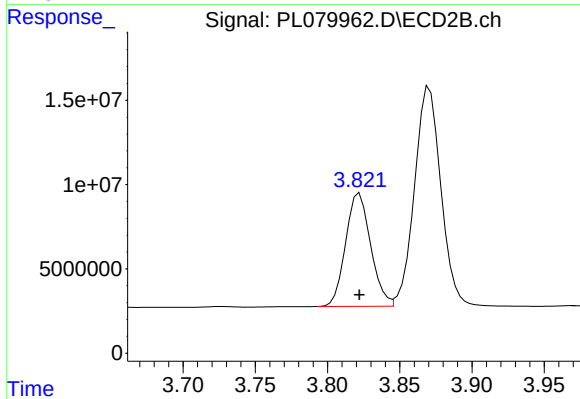
#5 Aldrin

R.T.: 4.151 min  
Delta R.T.: 0.000 min  
Response: 179104041  
Conc: 77.20 ng/ml



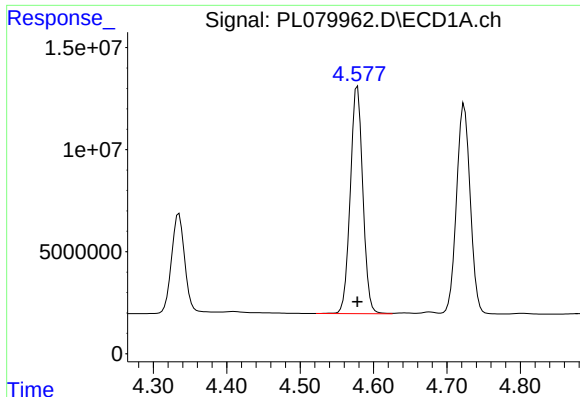
#6 beta-BHC

R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 60206763  
Conc: 72.81 ng/ml



#6 beta-BHC

R.T.: 3.822 min  
Delta R.T.: 0.000 min  
Response: 80865515  
Conc: 74.39 ng/ml



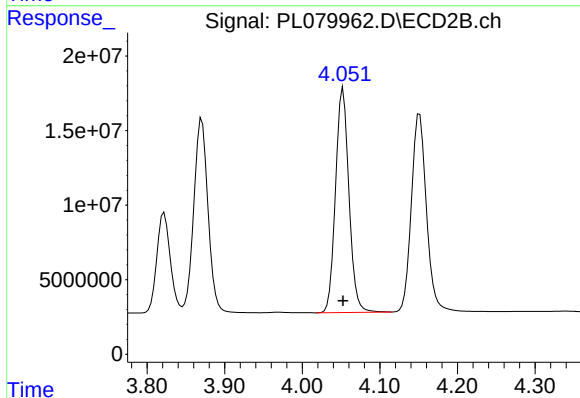
#7 delta-BHC

R.T.: 4.578 min  
Delta R.T.: 0.000 min  
Response: 132272964  
Conc: 76.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

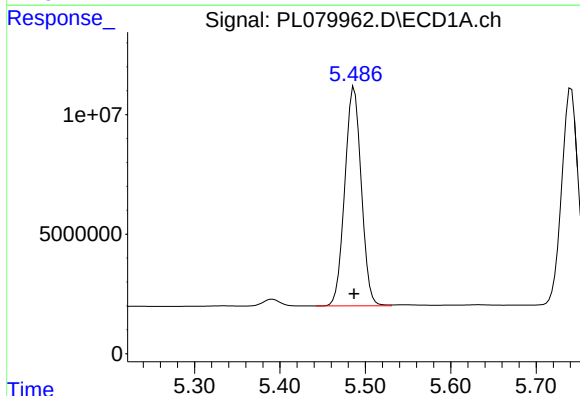
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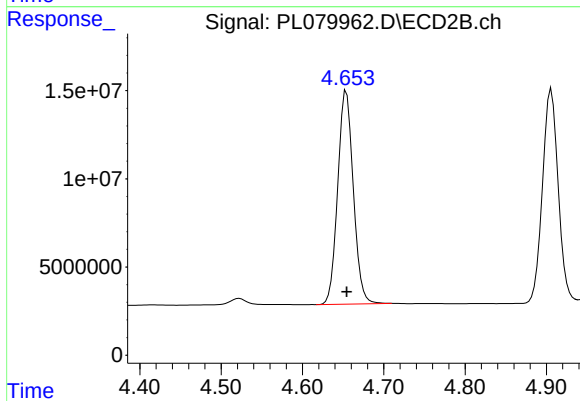
#7 delta-BHC

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 181160597  
Conc: 77.35 ng/ml



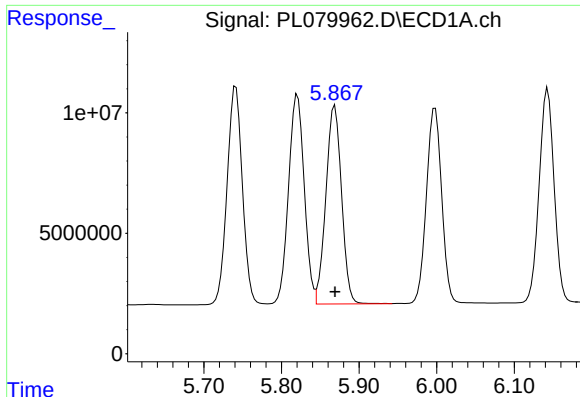
#8 Heptachlor epoxide

R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 122800028  
Conc: 74.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 161218880  
Conc: 76.12 ng/ml



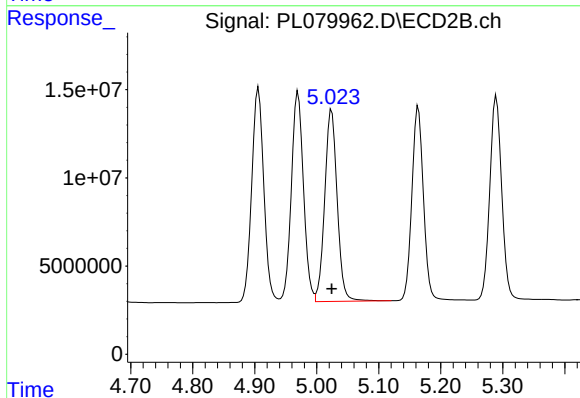
#9 Endosulfan I

R.T.: 5.869 min  
Delta R.T.: 0.000 min  
Response: 115670947  
Conc: 74.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

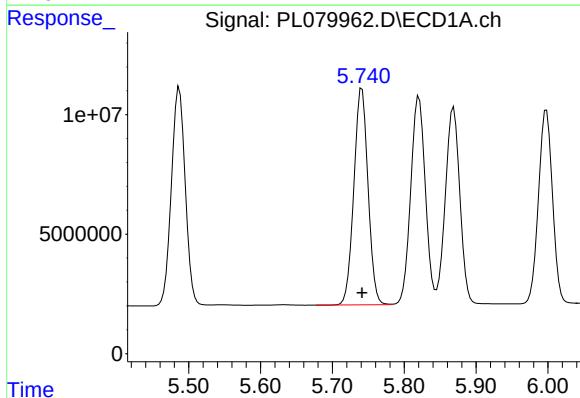
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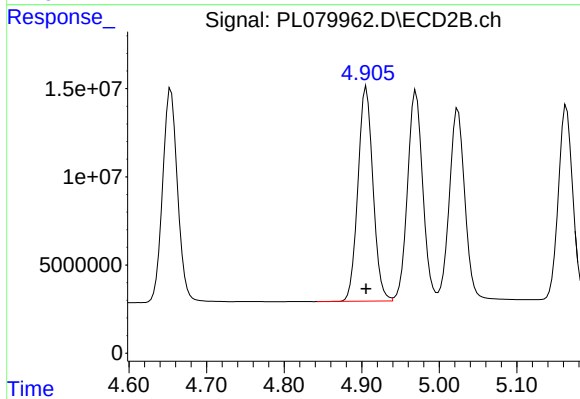
#9 Endosulfan I

R.T.: 5.024 min  
Delta R.T.: 0.000 min  
Response: 151757724  
Conc: 76.11 ng/ml



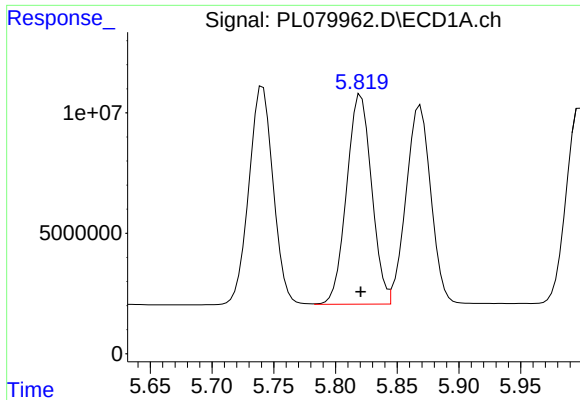
#10 gamma-Chlordane

R.T.: 5.741 min  
Delta R.T.: 0.000 min  
Response: 124048741  
Conc: 74.79 ng/ml



#10 gamma-Chlordane

R.T.: 4.906 min  
Delta R.T.: 0.000 min  
Response: 163876365  
Conc: 76.40 ng/ml



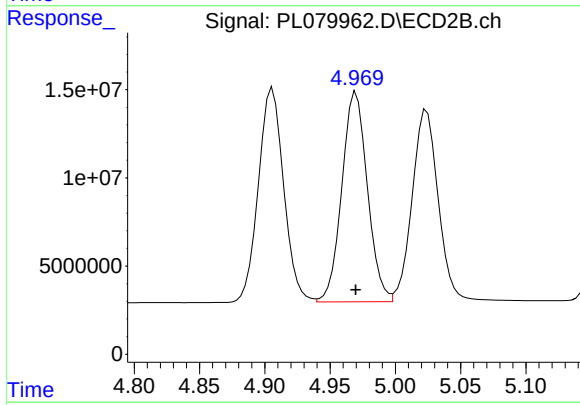
#11 alpha-Chlordane

R.T.: 5.821 min  
Delta R.T.: 0.000 min  
Response: 122806794  
Conc: 74.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

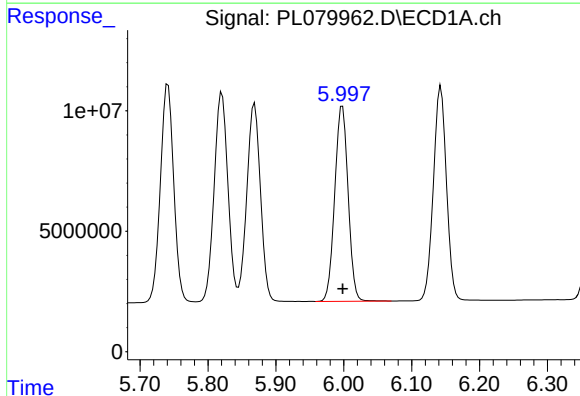
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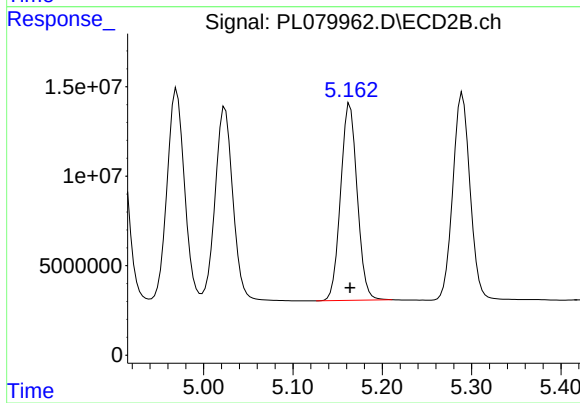
#11 alpha-Chlordane

R.T.: 4.970 min  
Delta R.T.: 0.000 min  
Response: 162224334  
Conc: 75.84 ng/ml



#12 4,4'-DDE

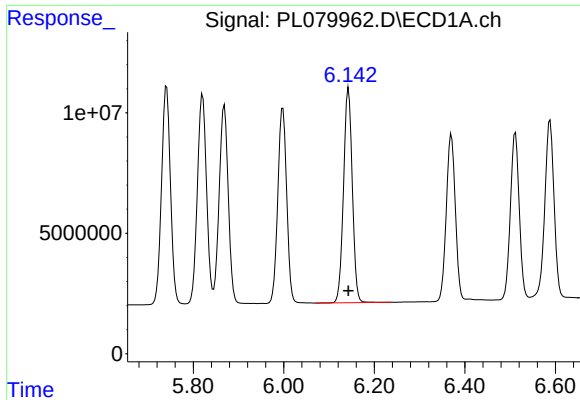
R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 111091485  
Conc: 75.92 ng/ml



#12 4,4'-DDE

R.T.: 5.164 min  
Delta R.T.: 0.000 min  
Response: 141821678  
Conc: 76.72 ng/ml





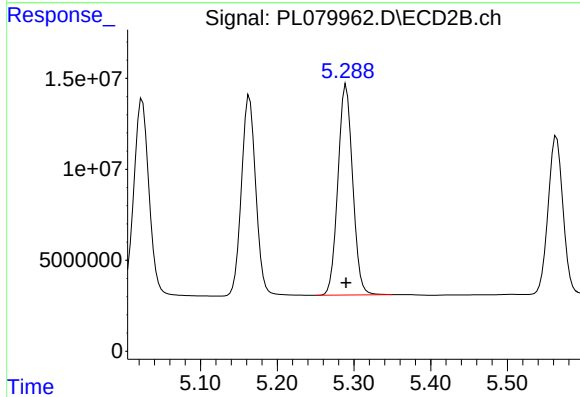
#13 Dieldrin

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 119941796  
Conc: 75.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

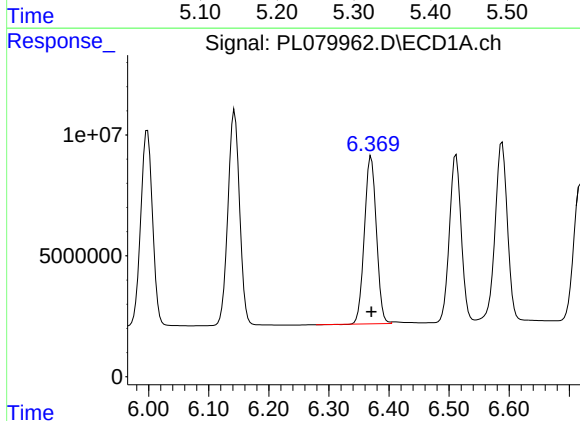
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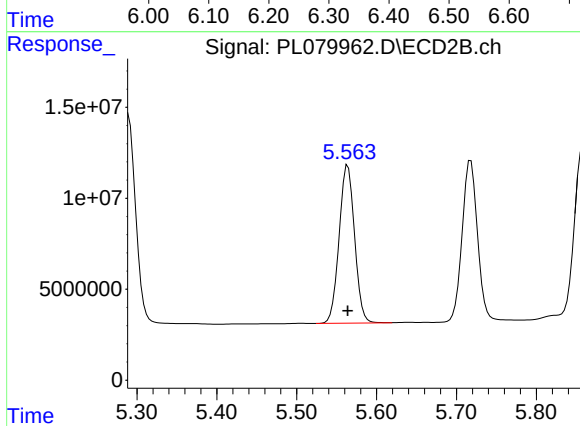
#13 Dieldrin

R.T.: 5.290 min  
Delta R.T.: 0.000 min  
Response: 154558013  
Conc: 77.18 ng/ml



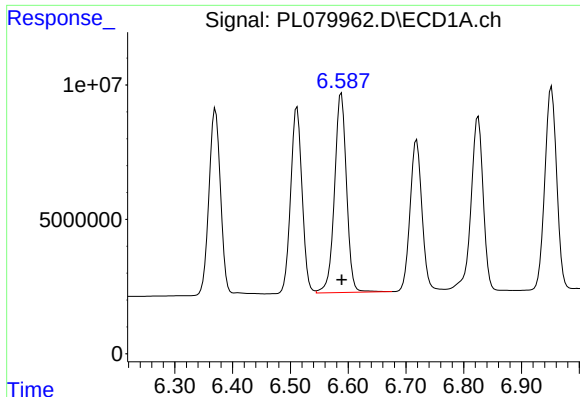
#14 Endrin

R.T.: 6.370 min  
Delta R.T.: 0.000 min  
Response: 95969559  
Conc: 74.98 ng/ml



#14 Endrin

R.T.: 5.564 min  
Delta R.T.: 0.000 min  
Response: 116817635  
Conc: 75.72 ng/ml



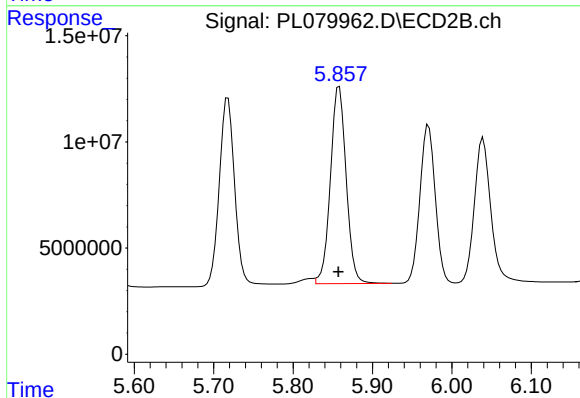
#15 Endosulfan II

R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 107362875  
Conc: 72.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

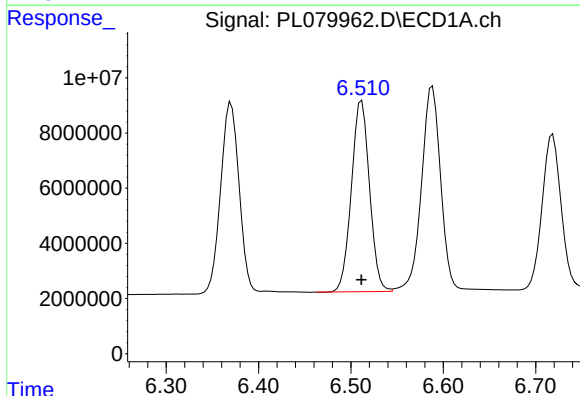
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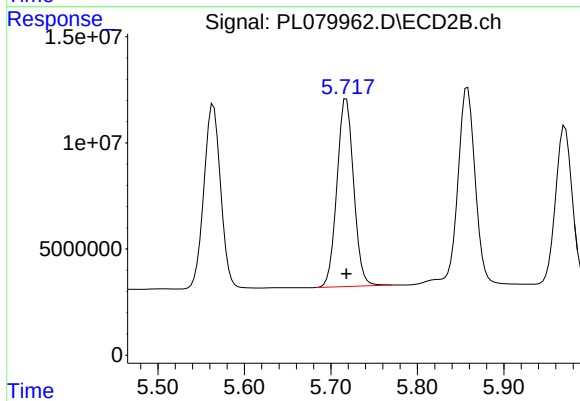
#15 Endosulfan II

R.T.: 5.857 min  
Delta R.T.: 0.000 min  
Response: 127516793  
Conc: 75.61 ng/ml m



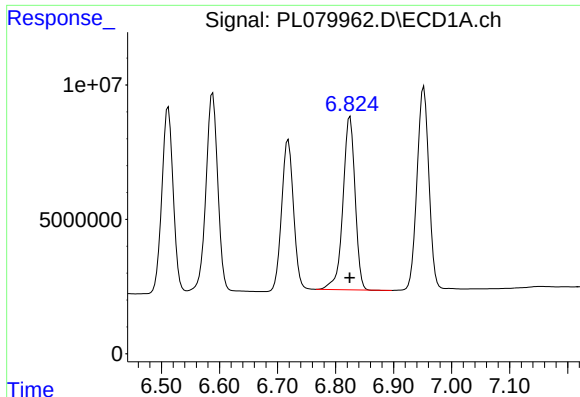
#16 4,4'-DDD

R.T.: 6.512 min  
Delta R.T.: 0.000 min  
Response: 94385498  
Conc: 75.04 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min  
Delta R.T.: 0.000 min  
Response: 118105198  
Conc: 76.61 ng/ml



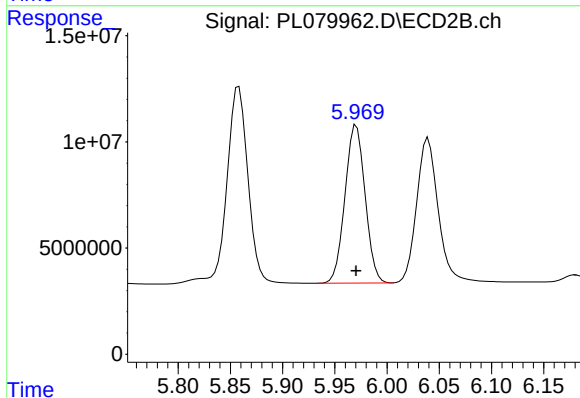
#17 4,4'-DDT

R.T.: 6.825 min  
Delta R.T.: 0.000 min  
Response: 93241843  
Conc: 73.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

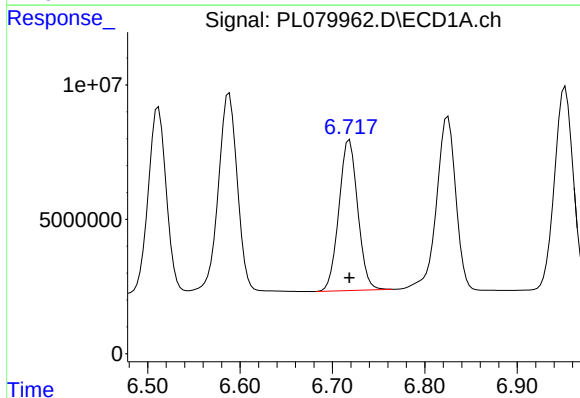
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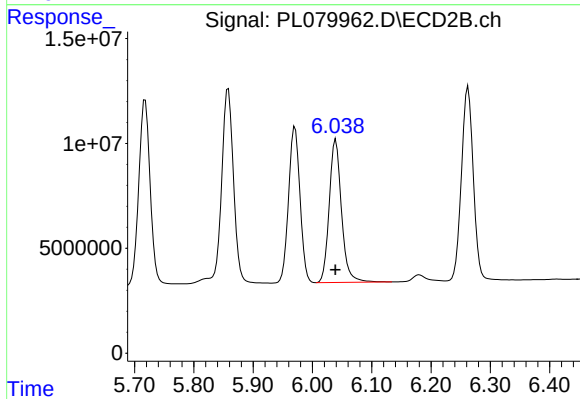
#17 4,4'-DDT

R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 99640099  
Conc: 75.18 ng/ml



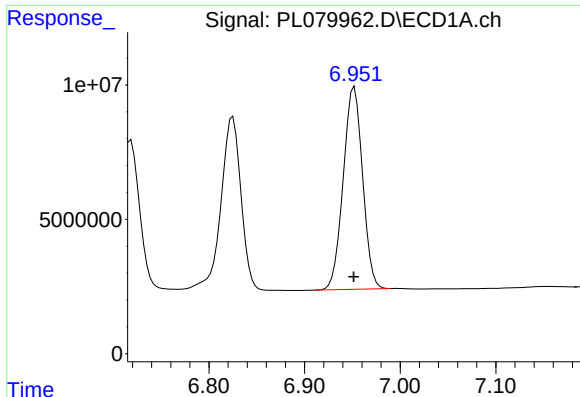
#18 Endrin aldehyde

R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 79565043  
Conc: 73.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.039 min  
Delta R.T.: 0.000 min  
Response: 97881084  
Conc: 74.78 ng/ml



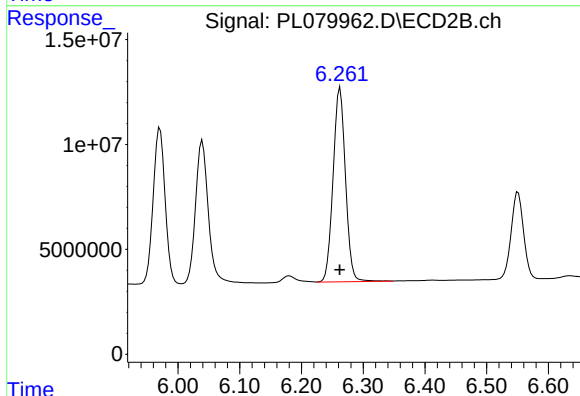
#19 Endosulfan Sulfate

R.T.: 6.952 min  
Delta R.T.: 0.000 min  
Response: 106400618  
Conc: 73.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

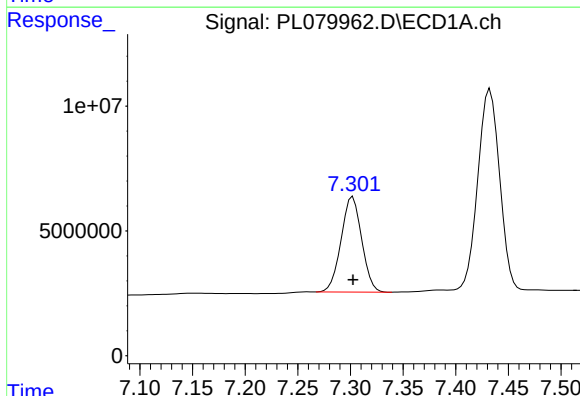
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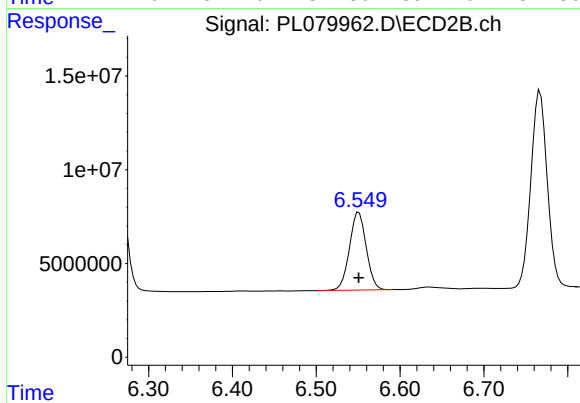
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: 0.000 min  
Response: 129054143  
Conc: 75.51 ng/ml



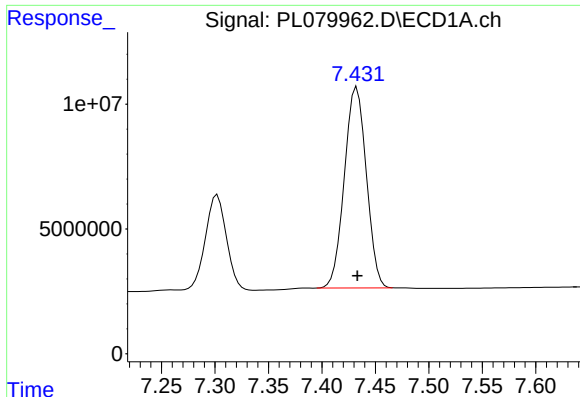
#20 Methoxychlor

R.T.: 7.302 min  
Delta R.T.: 0.000 min  
Response: 52163519  
Conc: 72.50 ng/ml



#20 Methoxychlor

R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 57918279  
Conc: 73.83 ng/ml



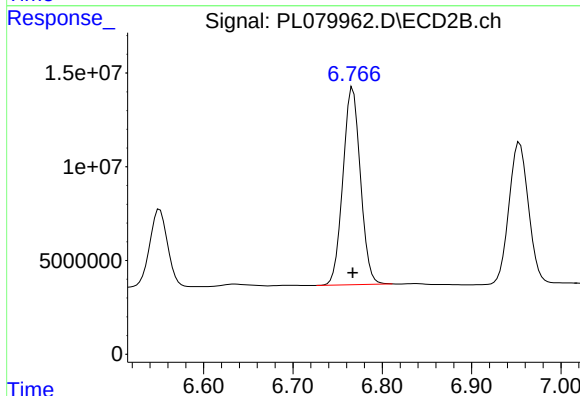
#21 Endrin ketone

R.T.: 7.433 min  
Delta R.T.: 0.000 min  
Response: 115437450  
Conc: 74.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

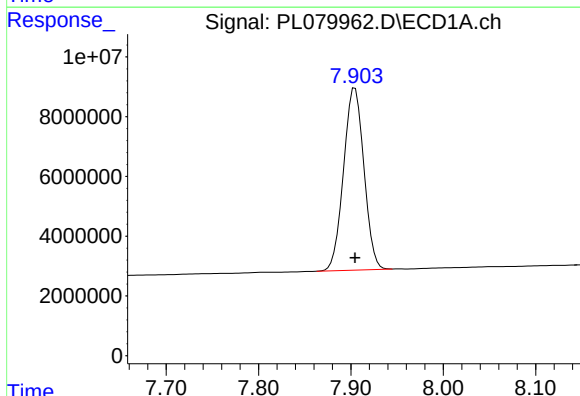
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



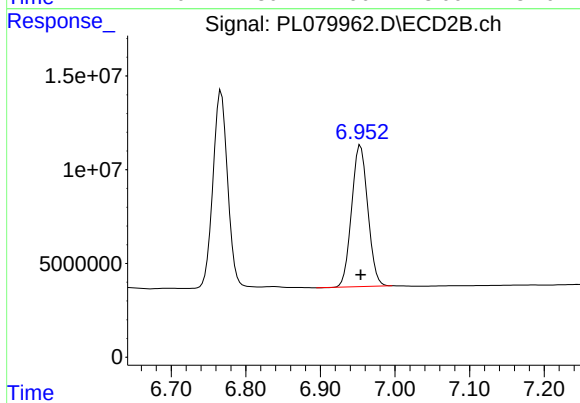
#21 Endrin ketone

R.T.: 6.767 min  
Delta R.T.: 0.000 min  
Response: 143152051  
Conc: 75.63 ng/ml



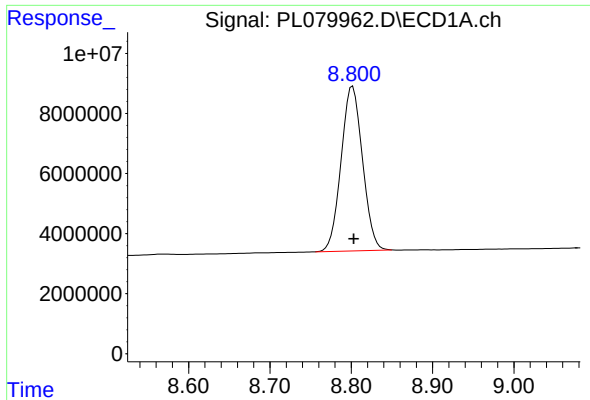
#22 Mirex

R.T.: 7.905 min  
Delta R.T.: 0.000 min  
Response: 93549008  
Conc: 71.87 ng/ml



#22 Mirex

R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 113607606  
Conc: 73.68 ng/ml



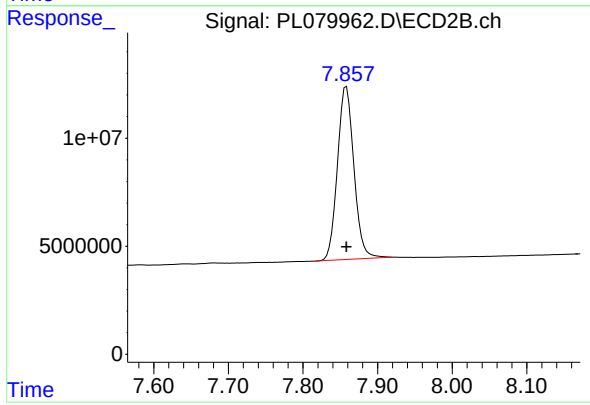
#28 Decachlorobiphenyl

R.T.: 8.802 min  
Delta R.T.: -0.001 min  
Response: 100017738  
Conc: 71.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



#28 Decachlorobiphenyl

R.T.: 7.858 min  
Delta R.T.: 0.000 min  
Response: 122948399  
Conc: 73.23 ng/ml