

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112923\  
 Data File : PL086874.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Nov 2023 07:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023  
 Supervised By :Ankita Jodhani 11/29/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 08:17:43 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 29 06:35:04 2023  
 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... | 3.343 | 2.610 | 166.0E6  | 46821043 | 51.928  | 51.481 |
| 28)                         | SA Decachlor... | 8.841 | 7.760 | 137.7E6  | 56504427 | 51.581  | 51.248 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.797 | 3.108 | 245.7E6  | 67791871 | 53.067  | 53.382 |
| 3)                          | MA gamma-BHC... | 4.128 | 3.436 | 230.9E6  | 64879492 | 52.781  | 53.100 |
| 4)                          | MA Heptachlor   | 4.715 | 3.771 | 208.7E6  | 61721044 | 52.586  | 52.860 |
| 5)                          | MB Aldrin       | 5.055 | 4.047 | 221.3E6  | 64422647 | 52.446  | 52.782 |
| 6)                          | B beta-BHC      | 4.332 | 3.738 | 94279382 | 27481054 | 50.399  | 51.940 |
| 7)                          | B delta-BHC     | 4.575 | 3.963 | 217.8E6  | 62425146 | 51.296  | 53.456 |
| 8)                          | B Heptachlo...  | 5.486 | 4.552 | 194.4E6  | 59633052 | 54.882  | 52.384 |
| 9)                          | A Endosulfan I  | 5.869 | 4.919 | 188.8E6  | 61327253 | 52.396  | 48.001 |
| 10)                         | B gamma-Chl...  | 5.742 | 4.804 | 200.2E6  | 59649641 | 53.248  | 52.037 |
| 11)                         | B alpha-Chl...  | 5.822 | 4.868 | 197.6E6  | 62516601 | 52.477  | 47.012 |
| 12)                         | B 4,4'-DDE      | 6.006 | 5.067 | 158.8E6  | 49277467 | 52.509  | 53.675 |
| 13)                         | MA Dieldrin     | 6.146 | 5.185 | 183.2E6  | 55731895 | 52.782  | 52.040 |
| 14)                         | MA Endrin       | 6.375 | 5.459 | 134.2E6  | 44181683 | 52.072  | 52.422 |
| 15)                         | B Endosulfa...  | 6.598 | 5.758 | 148.4E6  | 49311162 | 52.007  | 53.106 |
| 16)                         | A 4,4'-DDD      | 6.526 | 5.623 | 126.6E6  | 41654294 | 54.061  | 53.934 |
| 17)                         | MA 4,4'-DDT     | 6.841 | 5.874 | 130.5E6  | 42769327 | 50.851  | 53.033 |
| 18)                         | B Endrin al...  | 6.728 | 5.939 | 110.2E6  | 37209720 | 51.675m | 53.262 |
| 19)                         | B Endosulfa...  | 6.965 | 6.163 | 149.2E6  | 49972019 | 52.253  | 52.667 |
| 20)                         | A Methoxychlor  | 7.326 | 6.458 | 68687909 | 26946835 | 52.017  | 52.352 |
| 21)                         | B Endrin ke...  | 7.447 | 6.665 | 159.8E6  | 60921879 | 53.449  | 53.370 |
| 22)                         | Mirex           | 7.919 | 6.841 | 132.7E6  | 53463086 | 51.889  | 51.513 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112923\  
Data File : PL086874.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Nov 2023 07:17  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

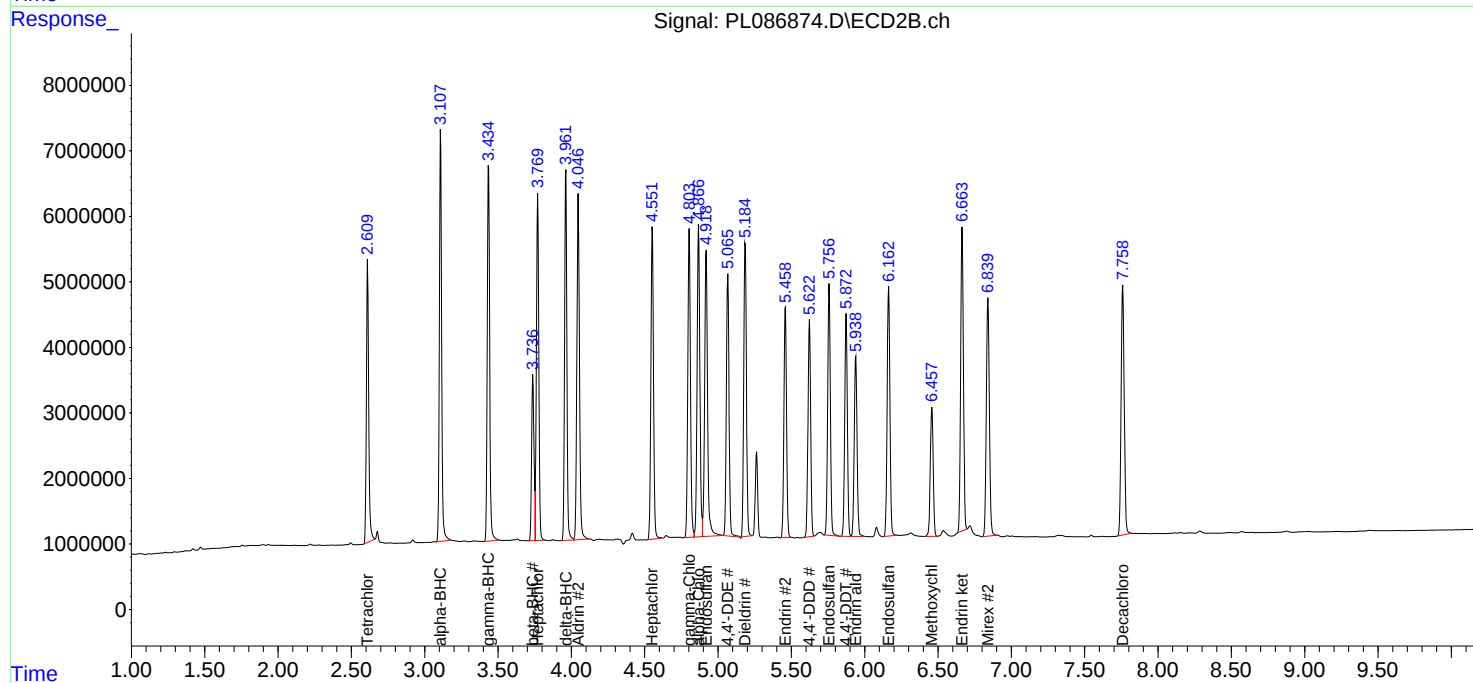
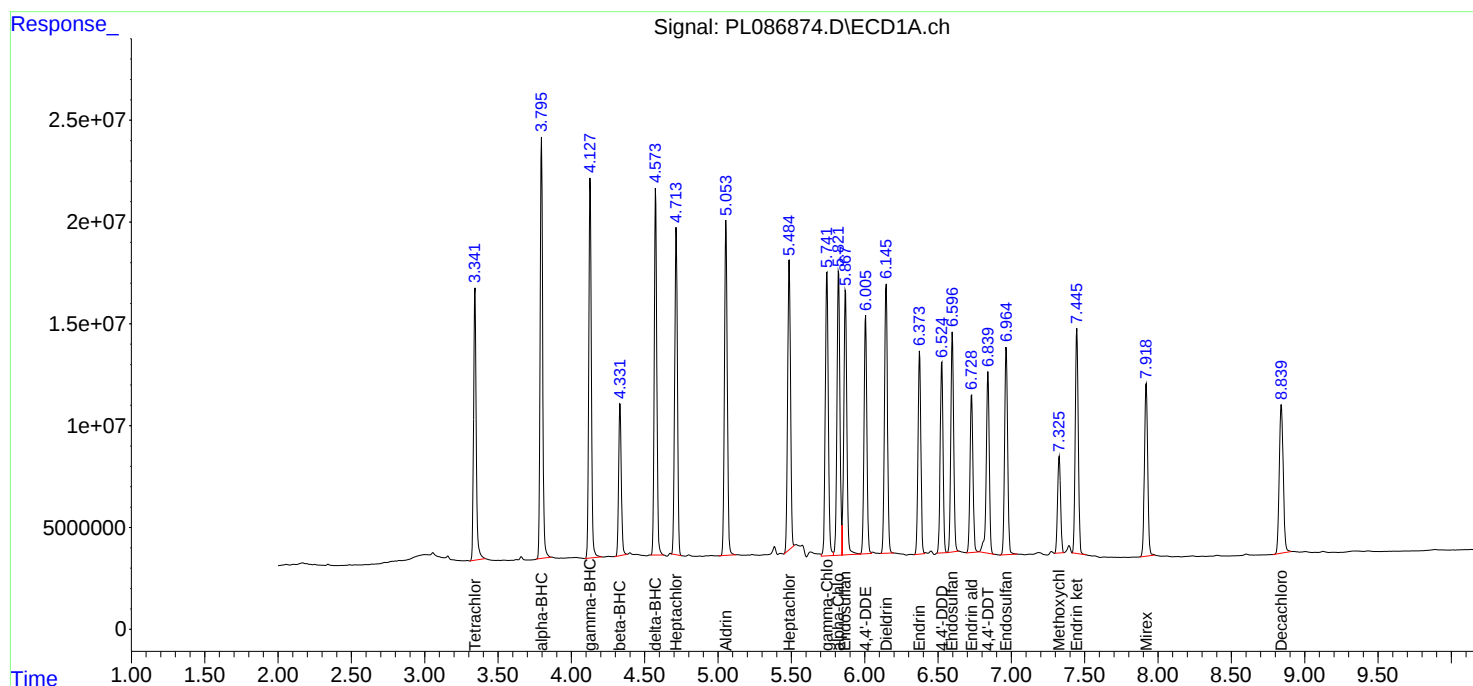
## Manual Integrations

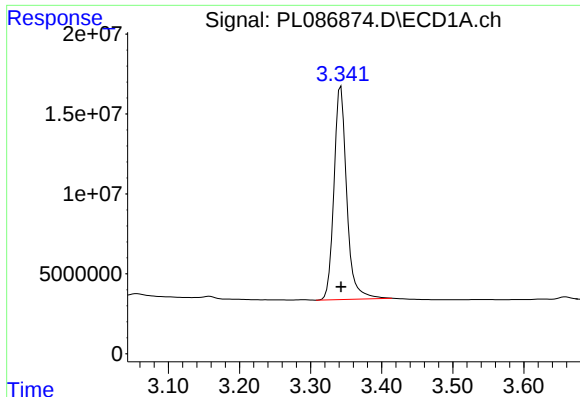
## APPROVED

Reviewed By :Yogesh Patel 11/29/2023  
Supervised By :Ankita Jodhani 11/29/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 29 08:17:43 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 29 06:35:04 2023  
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





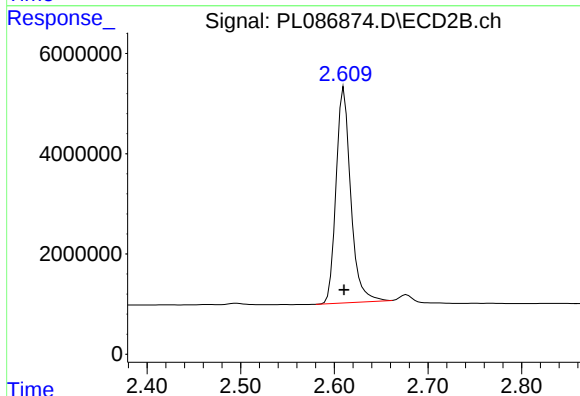
#1 Tetrachloro-m-xylene

R.T.: 3.343 min  
Delta R.T.: 0.000 min  
Response: 166021987  
Conc: 51.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

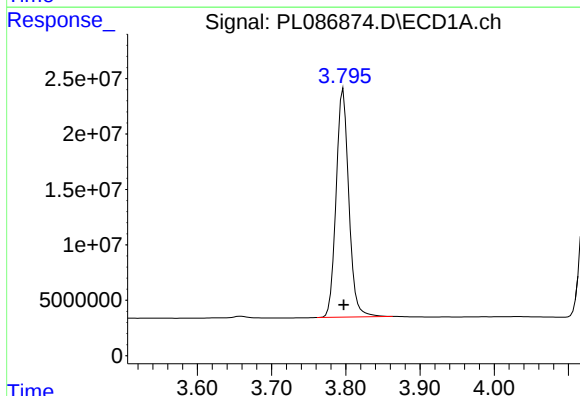
Manual Integrations  
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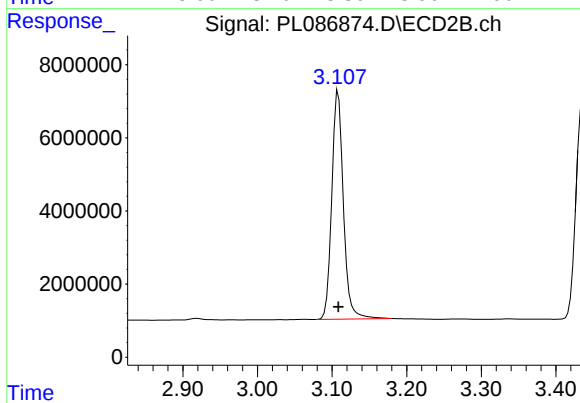
#1 Tetrachloro-m-xylene

R.T.: 2.610 min  
Delta R.T.: 0.000 min  
Response: 46821043  
Conc: 51.48 ng/ml



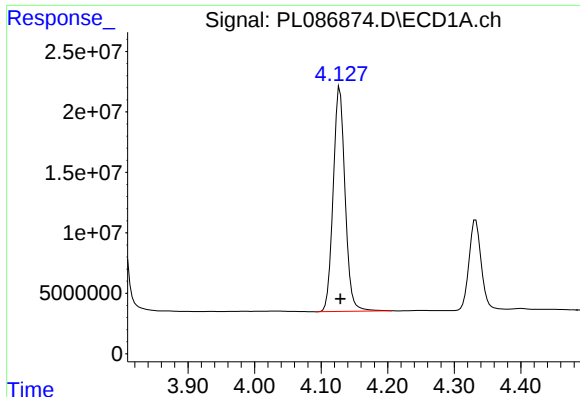
#2 alpha-BHC

R.T.: 3.797 min  
Delta R.T.: 0.000 min  
Response: 245704140  
Conc: 53.07 ng/ml



#2 alpha-BHC

R.T.: 3.108 min  
Delta R.T.: 0.000 min  
Response: 67791871  
Conc: 53.38 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.128 min  
Delta R.T.: 0.000 min  
Response: 230907749  
Conc: 52.78 ng/ml

Instrument :

ECD\_L

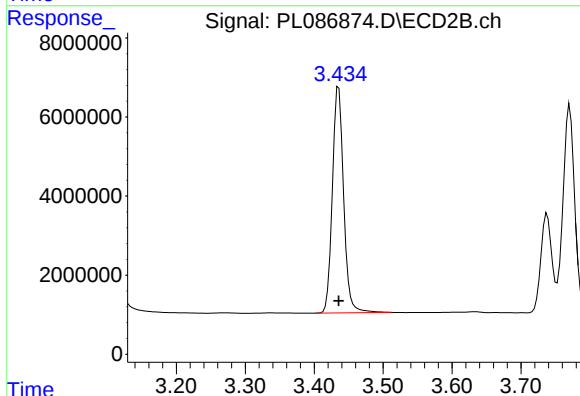
ClientSampleId :

PSTDCCC050

Manual Integrations

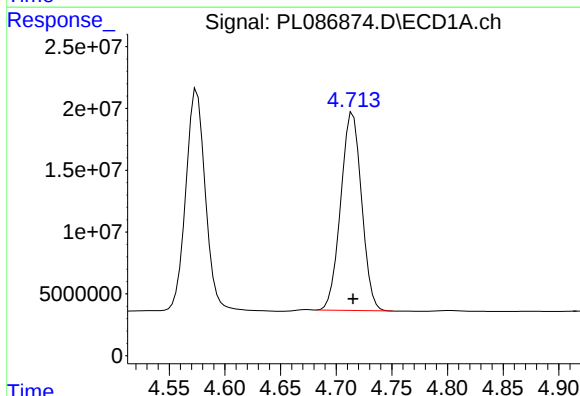
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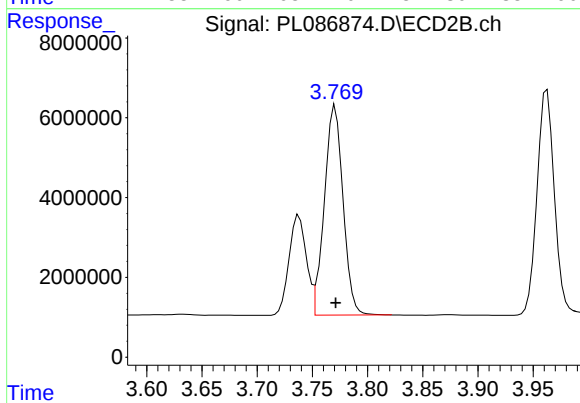
#3 gamma-BHC (Lindane)

R.T.: 3.436 min  
Delta R.T.: 0.000 min  
Response: 64879492  
Conc: 53.10 ng/ml



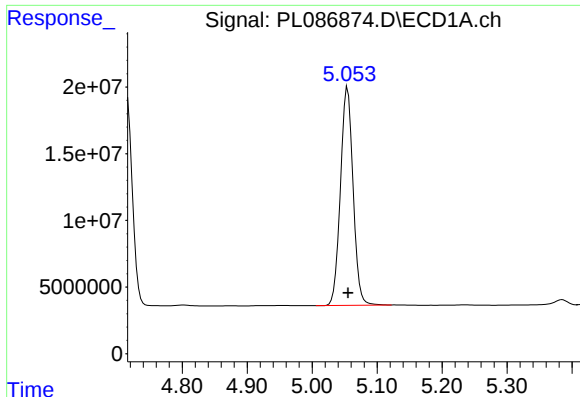
#4 Heptachlor

R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 208702312  
Conc: 52.59 ng/ml



#4 Heptachlor

R.T.: 3.771 min  
Delta R.T.: 0.000 min  
Response: 61721044  
Conc: 52.86 ng/ml



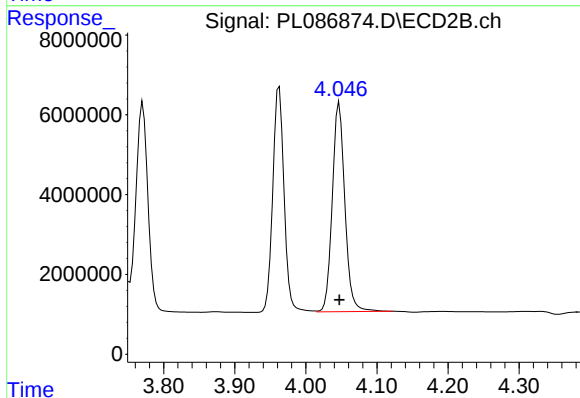
#5 Aldrin

R.T.: 5.055 min  
Delta R.T.: 0.000 min  
Response: 221331987  
Conc: 52.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

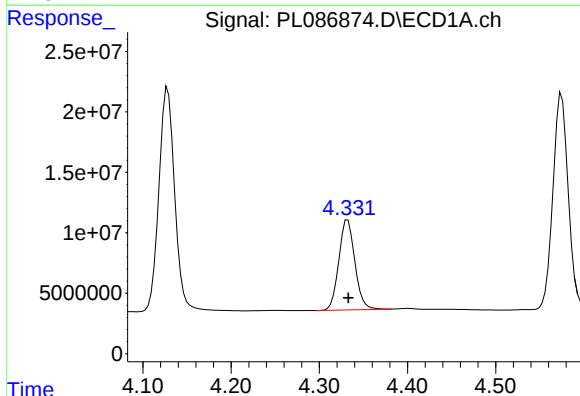
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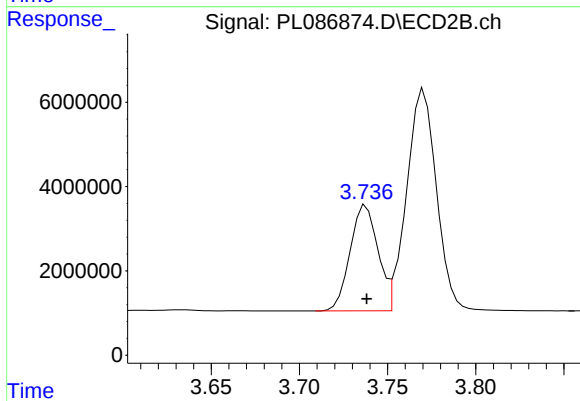
#5 Aldrin

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 64422647  
Conc: 52.78 ng/ml



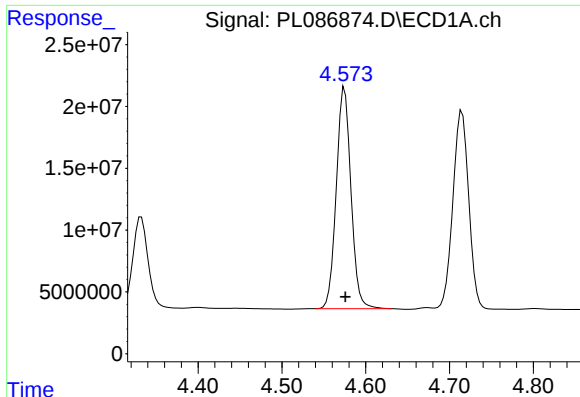
#6 beta-BHC

R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 94279382  
Conc: 50.40 ng/ml



#6 beta-BHC

R.T.: 3.738 min  
Delta R.T.: 0.000 min  
Response: 27481054  
Conc: 51.94 ng/ml



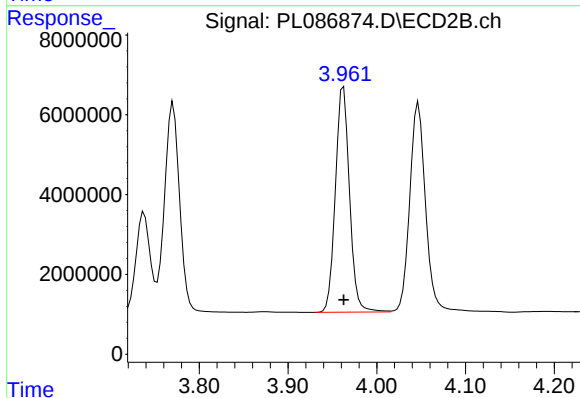
#7 delta-BHC

R.T.: 4.575 min  
Delta R.T.: 0.000 min  
Response: 217759253  
Conc: 51.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

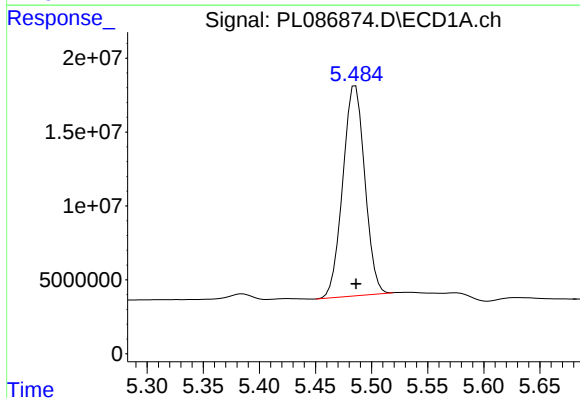
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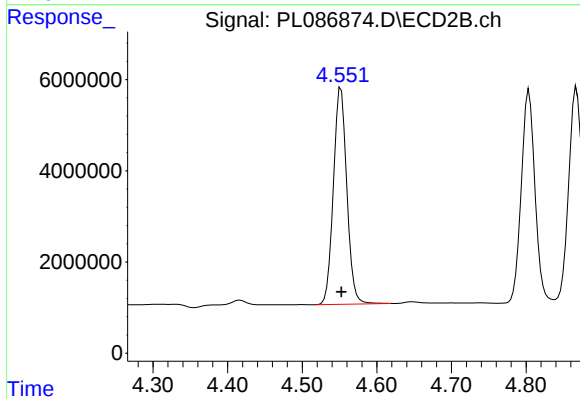
#7 delta-BHC

R.T.: 3.963 min  
Delta R.T.: 0.000 min  
Response: 62425146  
Conc: 53.46 ng/ml



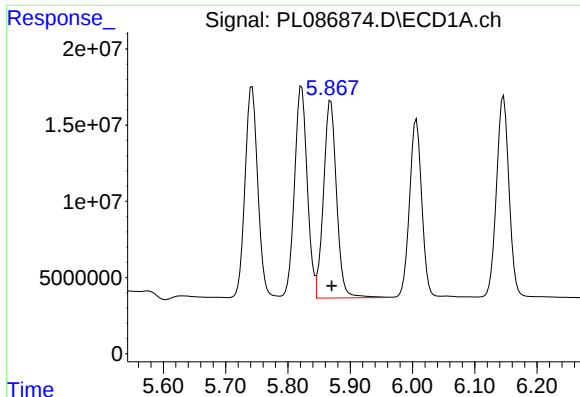
#8 Heptachlor epoxide

R.T.: 5.486 min  
Delta R.T.: 0.000 min  
Response: 194410142  
Conc: 54.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 59633052  
Conc: 52.38 ng/ml



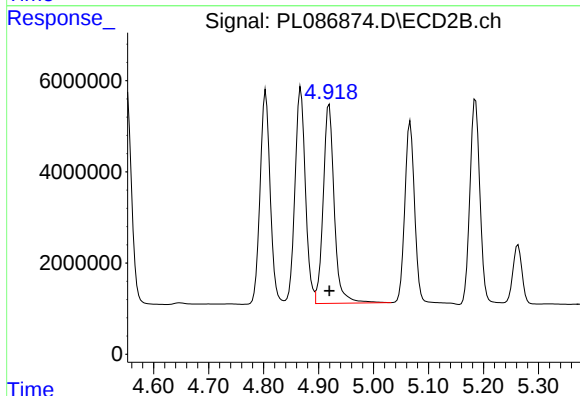
#9 Endosulfan I

R.T.: 5.869 min  
Delta R.T.: -0.002 min  
Response: 188773634  
Conc: 52.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

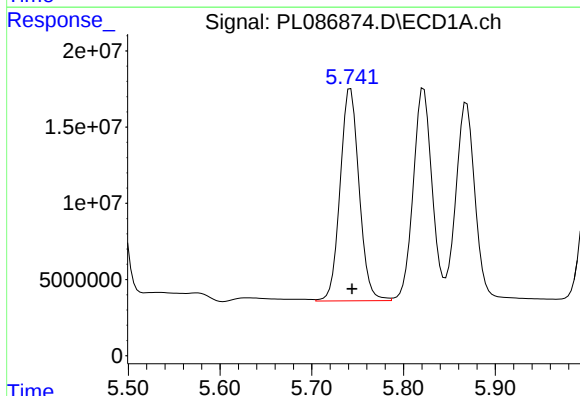
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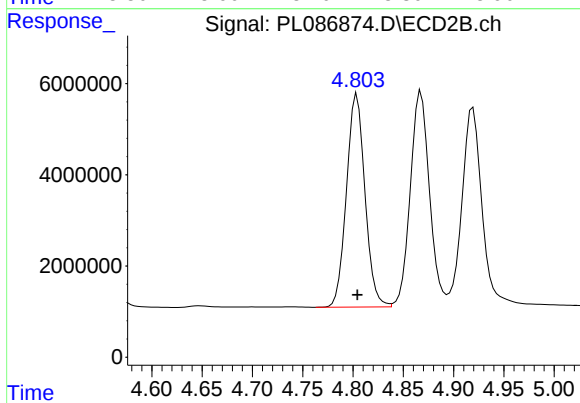
#9 Endosulfan I

R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 61327253  
Conc: 48.00 ng/ml



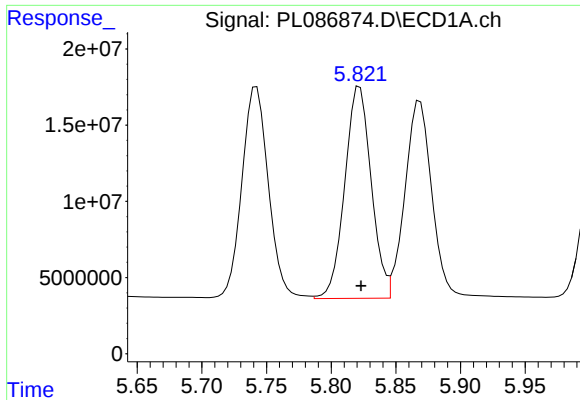
#10 gamma-Chlordane

R.T.: 5.742 min  
Delta R.T.: -0.001 min  
Response: 200206811  
Conc: 53.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.804 min  
Delta R.T.: 0.000 min  
Response: 59649641  
Conc: 52.04 ng/ml



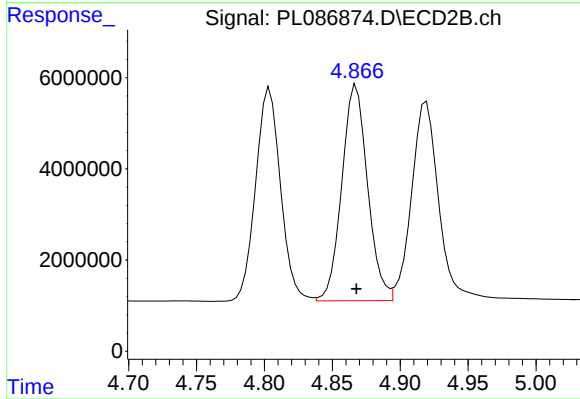
#11 alpha-Chlordane

R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 197553199  
Conc: 52.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

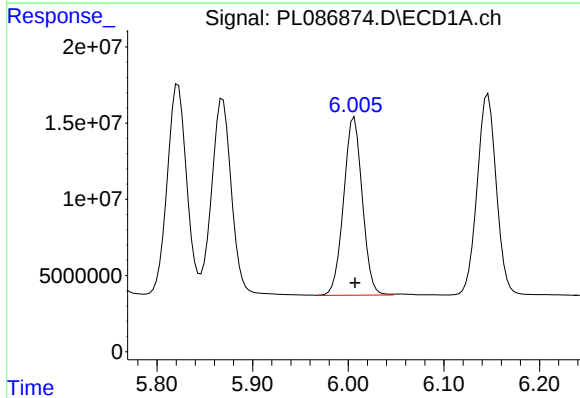
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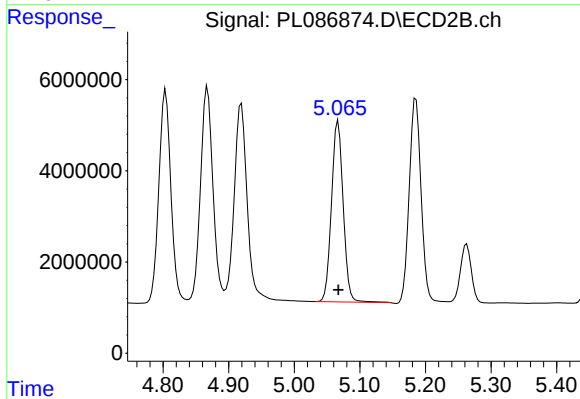
#11 alpha-Chlordane

R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 62516601  
Conc: 47.01 ng/ml



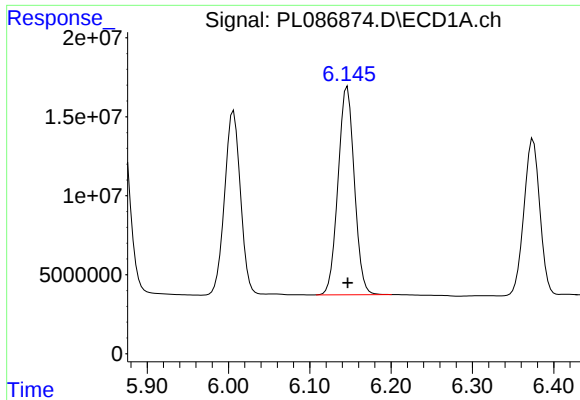
#12 4,4'-DDE

R.T.: 6.006 min  
Delta R.T.: 0.000 min  
Response: 158754420  
Conc: 52.51 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min  
Delta R.T.: 0.000 min  
Response: 49277467  
Conc: 53.67 ng/ml



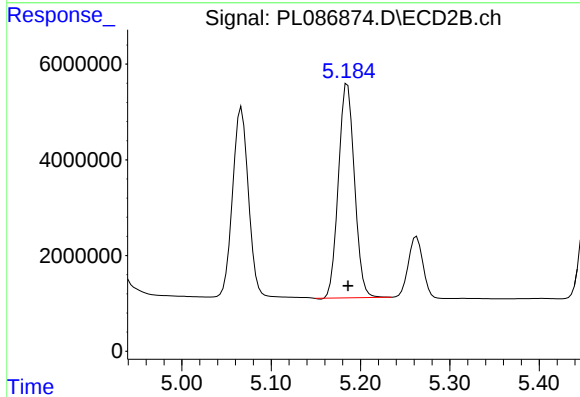
#13 Dieldrin

R.T.: 6.146 min  
Delta R.T.: 0.000 min  
Response: 183240343  
Conc: 52.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

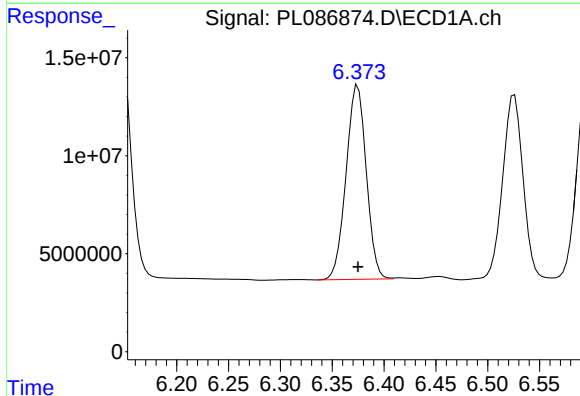
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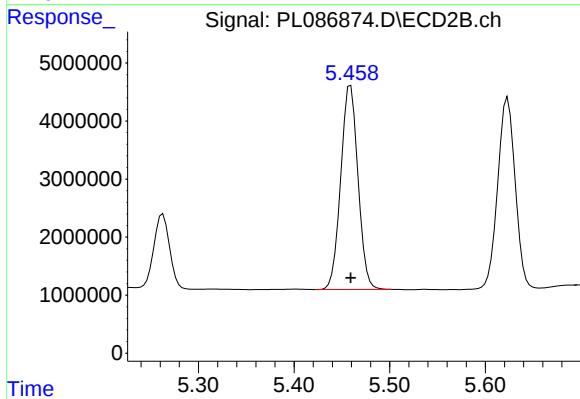
#13 Dieldrin

R.T.: 5.185 min  
Delta R.T.: 0.000 min  
Response: 55731895  
Conc: 52.04 ng/ml



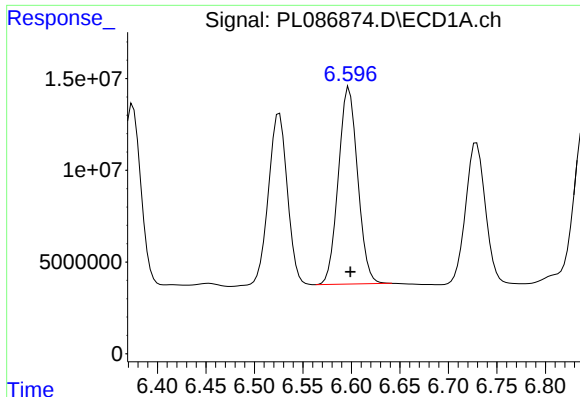
#14 Endrin

R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 134224994  
Conc: 52.07 ng/ml



#14 Endrin

R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 44181683  
Conc: 52.42 ng/ml



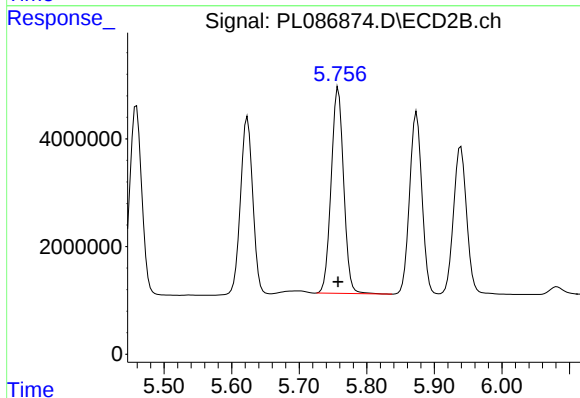
#15 Endosulfan II

R.T.: 6.598 min  
Delta R.T.: -0.001 min  
Response: 148408337  
Conc: 52.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

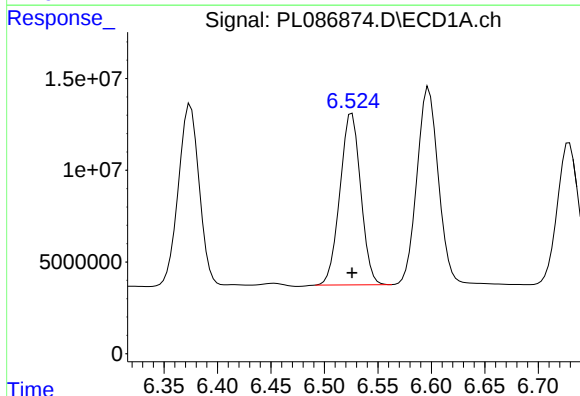
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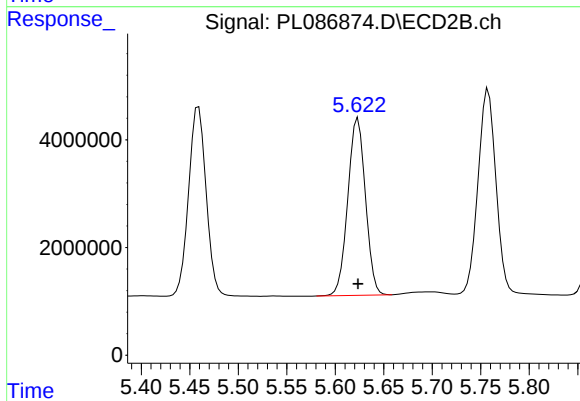
#15 Endosulfan II

R.T.: 5.758 min  
Delta R.T.: 0.000 min  
Response: 49311162  
Conc: 53.11 ng/ml



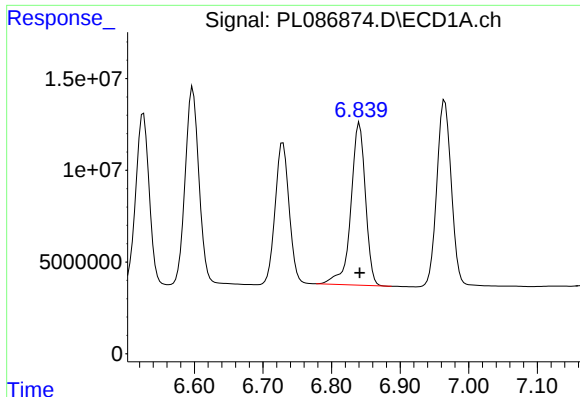
#16 4,4'-DDD

R.T.: 6.526 min  
Delta R.T.: 0.000 min  
Response: 126587913  
Conc: 54.06 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 41654294  
Conc: 53.93 ng/ml



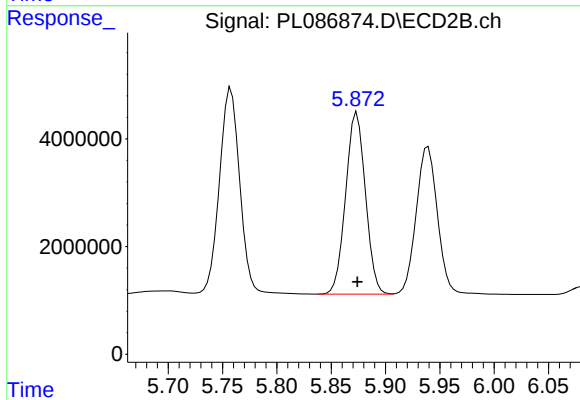
#17 4,4'-DDT

R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 130517801  
Conc: 50.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

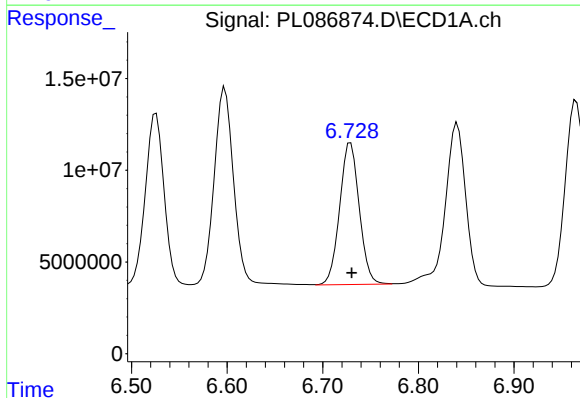
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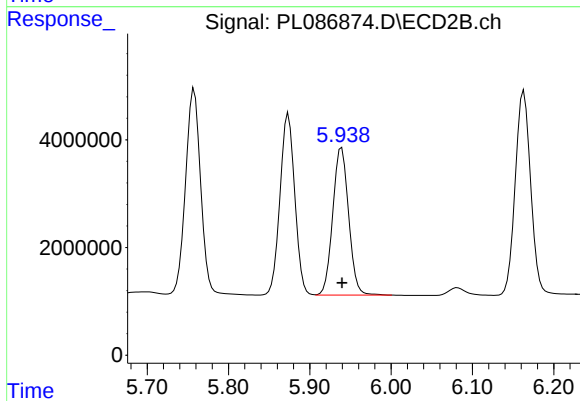
#17 4,4'-DDT

R.T.: 5.874 min  
Delta R.T.: 0.000 min  
Response: 42769327  
Conc: 53.03 ng/ml



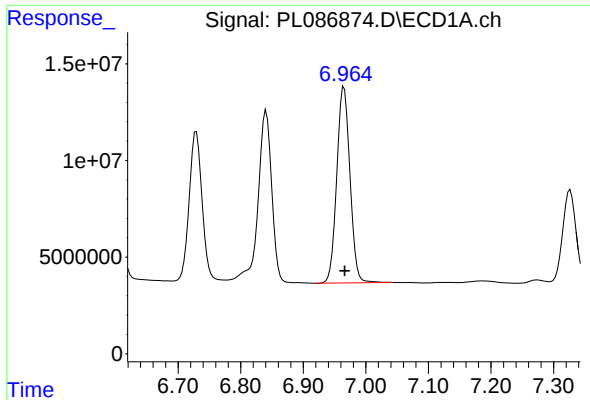
#18 Endrin aldehyde

R.T.: 6.728 min  
Delta R.T.: -0.003 min  
Response: 110232651  
Conc: 51.67 ng/ml m



#18 Endrin aldehyde

R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 37209720  
Conc: 53.26 ng/ml



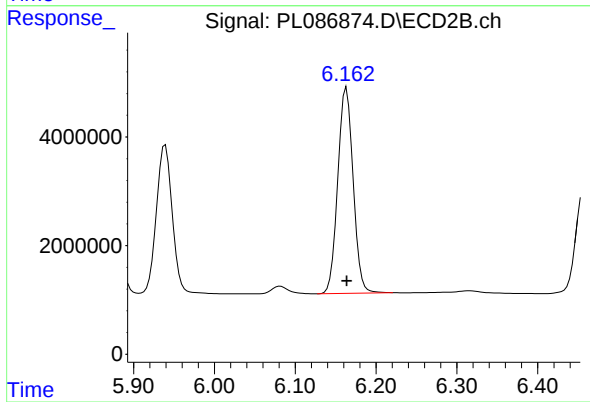
#19 Endosulfan Sulfate

R.T.: 6.965 min  
Delta R.T.: 0.000 min  
Response: 149219555  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

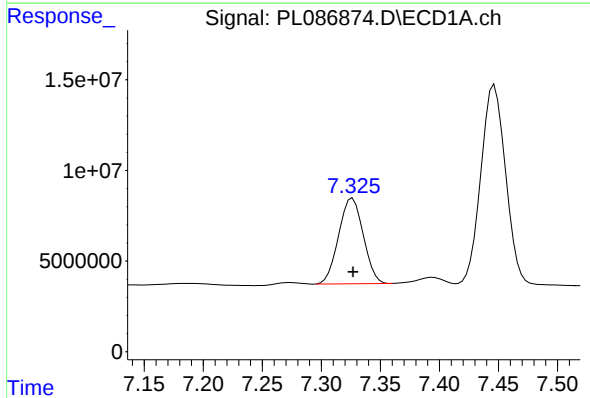
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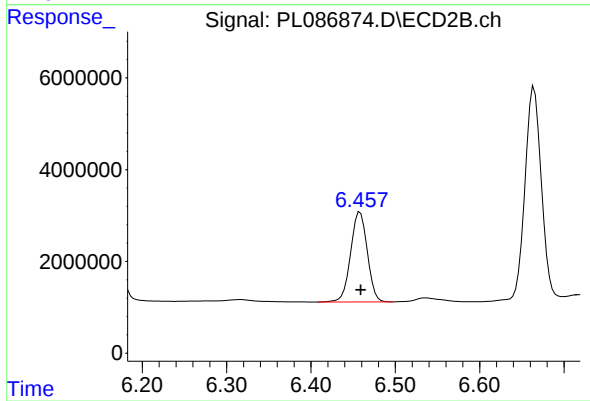
#19 Endosulfan Sulfate

R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 49972019  
Conc: 52.67 ng/ml



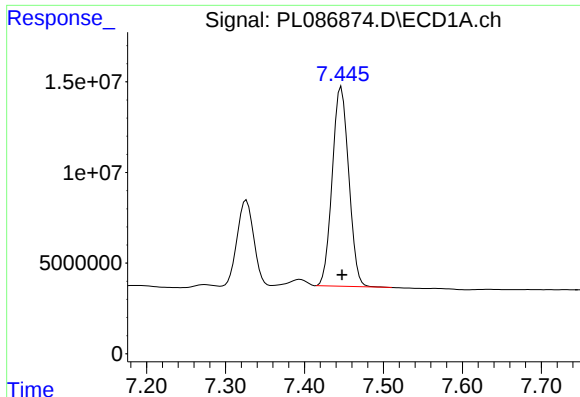
#20 Methoxychlor

R.T.: 7.326 min  
Delta R.T.: 0.000 min  
Response: 68687909  
Conc: 52.02 ng/ml



#20 Methoxychlor

R.T.: 6.458 min  
Delta R.T.: 0.000 min  
Response: 26946835  
Conc: 52.35 ng/ml



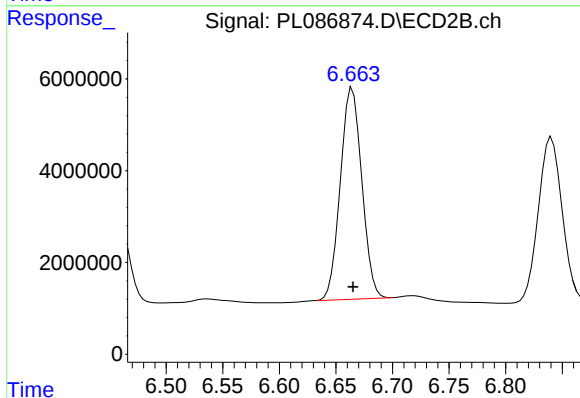
#21 Endrin ketone

R.T.: 7.447 min  
Delta R.T.: -0.001 min  
Response: 159794704  
Conc: 53.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

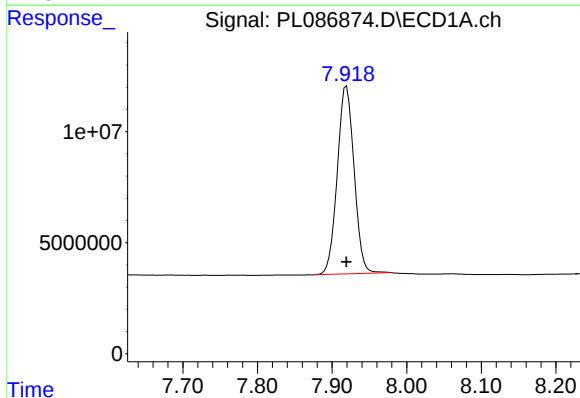
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/29/2023  
Supervised By :Ankita Jodhani 11/29/2023



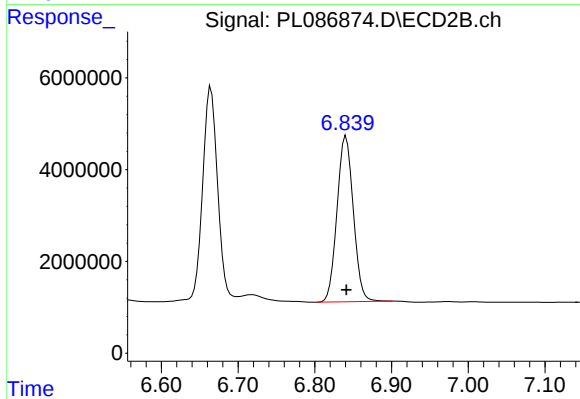
#21 Endrin ketone

R.T.: 6.665 min  
Delta R.T.: 0.000 min  
Response: 60921879  
Conc: 53.37 ng/ml



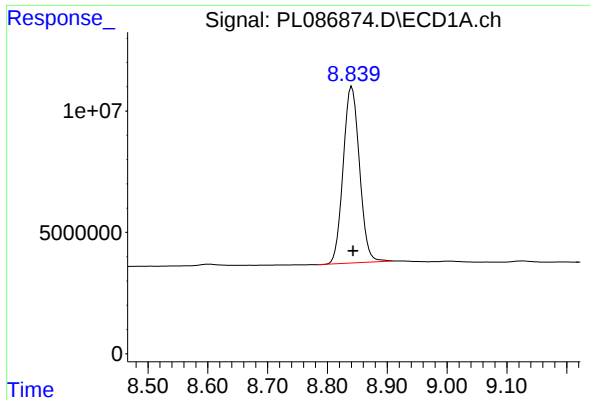
#22 Mirex

R.T.: 7.919 min  
Delta R.T.: 0.000 min  
Response: 132716573  
Conc: 51.89 ng/ml



#22 Mirex

R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 53463086  
Conc: 51.51 ng/ml



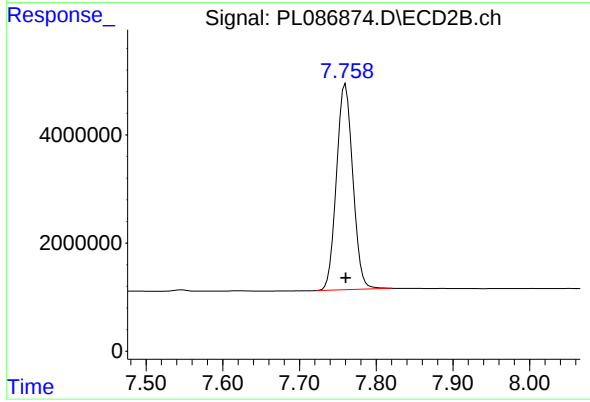
#28 Decachlorobiphenyl

R.T.: 8.841 min  
Delta R.T.: -0.002 min  
Response: 137702651  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/29/2023  
Supervised By :Ankita Jodhani 11/29/2023



#28 Decachlorobiphenyl

R.T.: 7.760 min  
Delta R.T.: 0.000 min  
Response: 56504427  
Conc: 51.25 ng/ml