

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032724\  
 Data File : PL088811.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Mar 2024 19:44  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/28/2024  
 Supervised By :Ankita Jodhani 03/28/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 28 02:17:43 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 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...          | 3.634 | 2.852 | 131.6E6  | 70448263 | 49.645  | 52.860  |
| 28) SA Decachlor...         | 9.300 | 8.077 | 103.6E6  | 66869460 | 41.929  | 49.317  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 4.099 | 3.366 | 202.0E6  | 107.6E6  | 50.597  | 53.549  |
| 3) MA gamma-BHC...          | 4.437 | 3.702 | 195.2E6  | 103.9E6  | 50.328  | 54.131  |
| 4) MA Heptachlor            | 5.036 | 4.051 | 181.8E6  | 97963556 | 47.872  | 54.432  |
| 5) MB Aldrin                | 5.383 | 4.335 | 181.4E6  | 98348781 | 49.498  | 54.424m |
| 6) B beta-BHC               | 4.634 | 4.004 | 84353980 | 44667336 | 47.565  | 52.106  |
| 7) B delta-BHC              | 4.885 | 4.238 | 188.1E6  | 101.3E6  | 46.688  | 52.931m |
| 8) B Heptachlo...           | 5.814 | 4.846 | 167.9E6  | 89694570 | 48.876m | 54.542  |
| 9) A Endosulfan I           | 6.206 | 5.221 | 150.9E6  | 77590932 | 49.366  | 51.616  |
| 10) B gamma-Chl...          | 6.073 | 5.100 | 163.0E6  | 90697540 | 48.925m | 54.759  |
| 11) B alpha-Chl...          | 6.155 | 5.165 | 168.5E6  | 90492081 | 50.678  | 54.515  |
| 12) B 4,4'-DDE              | 6.329 | 5.357 | 139.5E6  | 82124624 | 46.699  | 56.304  |
| 13) MA Dieldrin             | 6.485 | 5.490 | 154.0E6  | 88967876 | 47.490  | 54.778  |
| 14) MA Endrin               | 6.715 | 5.769 | 123.0E6  | 74801301 | 44.999m | 51.894  |
| 15) B Endosulfa...          | 6.936 | 6.066 | 132.9E6  | 73929698 | 46.398m | 51.416  |
| 16) A 4,4'-DDD              | 6.850 | 5.919 | 122.8E6  | 69473148 | 48.217m | 55.785  |
| 17) MA 4,4'-DDT             | 7.170 | 6.174 | 113.3E6  | 64918765 | 42.513  | 48.368  |
| 18) B Endrin al...          | 7.067 | 6.249 | 101.1E6  | 57709544 | 48.420m | 55.069  |
| 19) B Endosulfa...          | 7.306 | 6.473 | 126.1E6  | 72144165 | 45.675  | 51.998  |
| 20) A Methoxychlor          | 7.651 | 6.757 | 61164986 | 37983718 | 40.600  | 47.357  |
| 21) B Endrin ke...          | 7.797 | 6.986 | 137.8E6  | 85426324 | 46.610  | 51.751  |
| 22) Mirex                   | 8.280 | 7.172 | 105.1E6  | 67763784 | 44.818  | 50.254  |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032724\  
Data File : PL088811.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Mar 2024 19:44  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

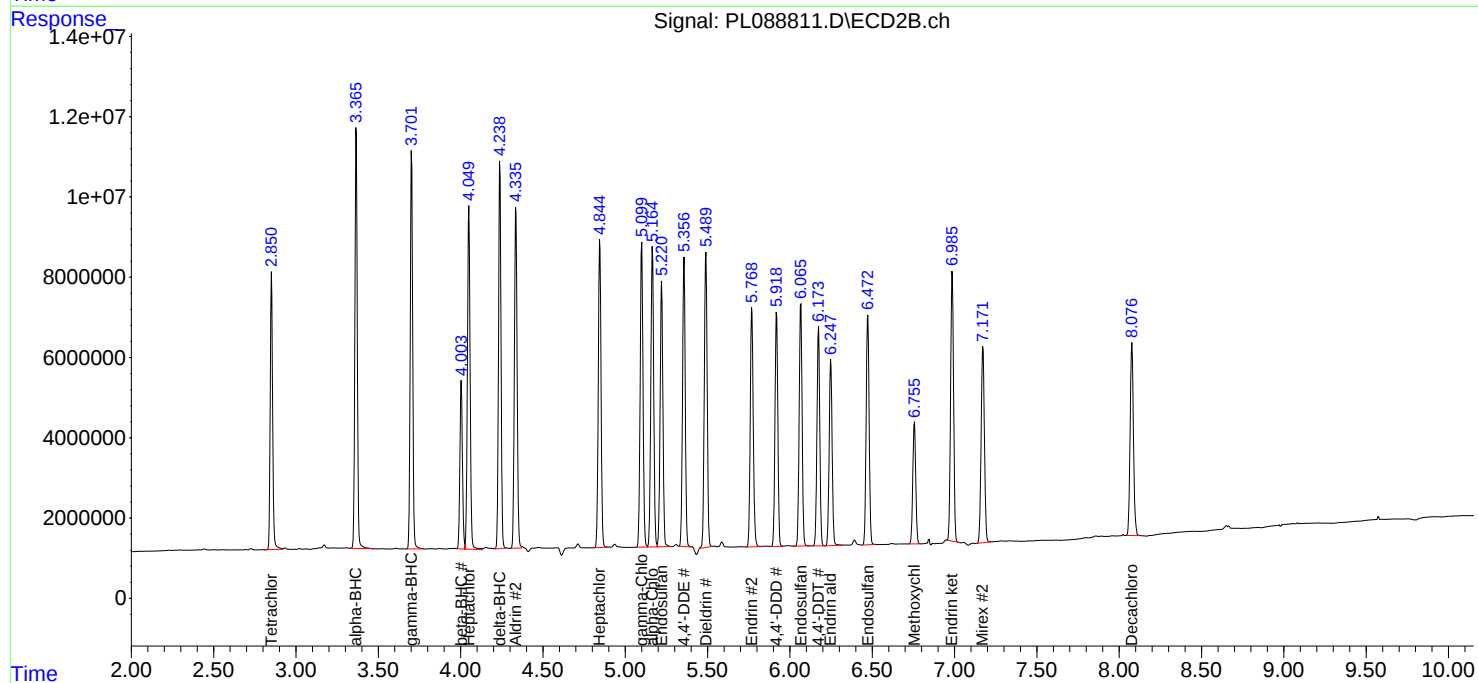
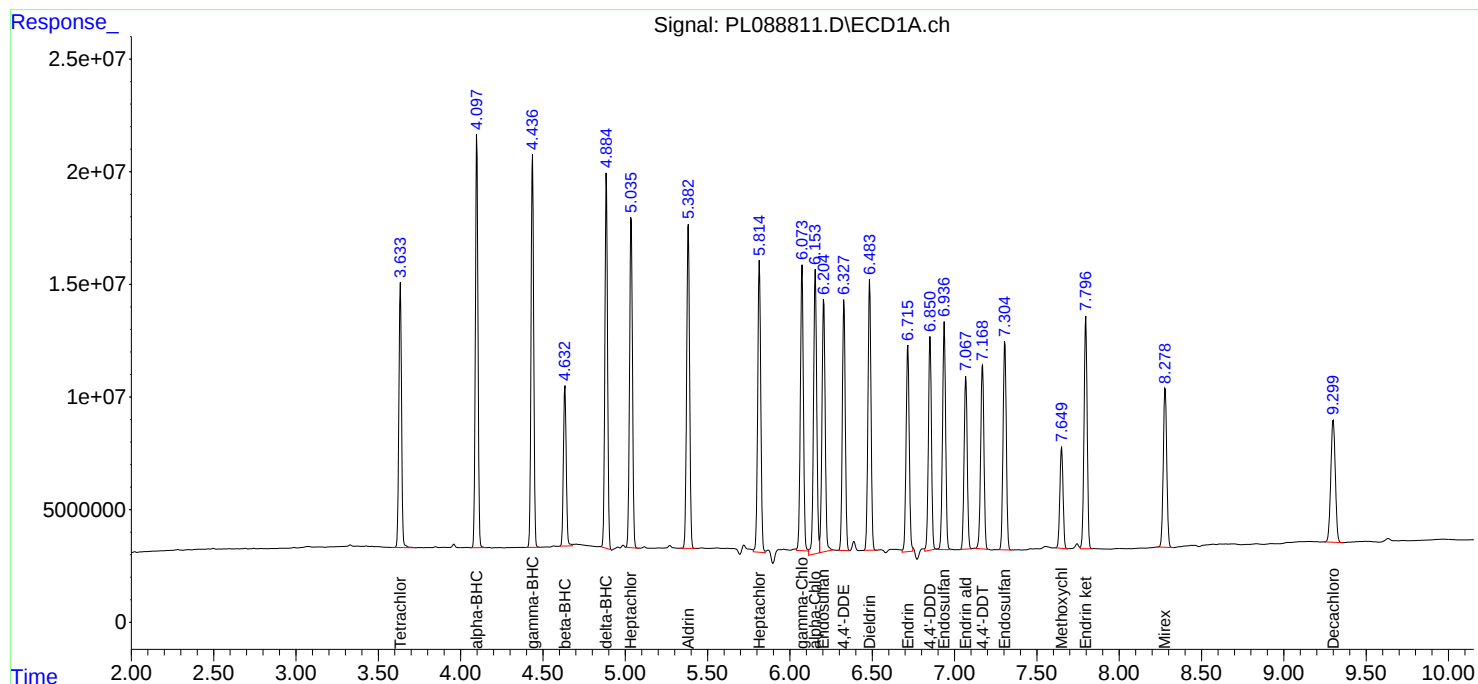
## APPROVED

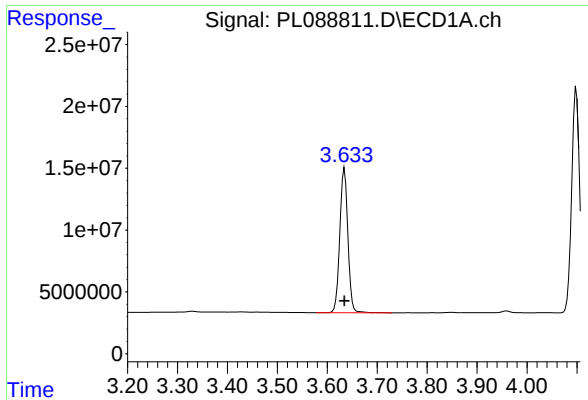
Reviewed By :Abdul Mirza 03/28/2024

Supervised By :Ankita Jodhani 03/28/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 28 02:17:43 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 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





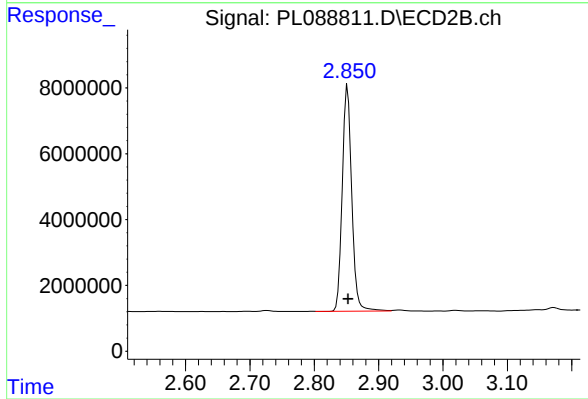
#1 Tetrachloro-m-xylene

R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 131558186  
Conc: 49.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

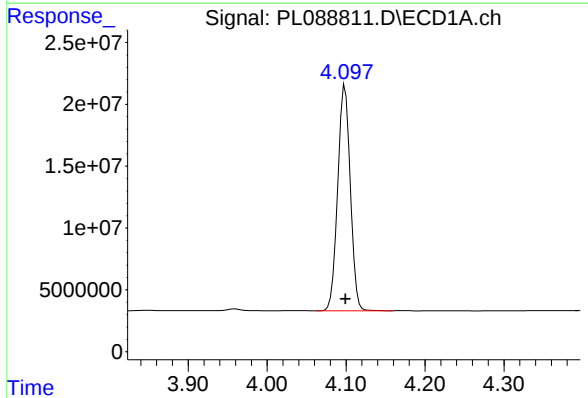
Manual Integrations  
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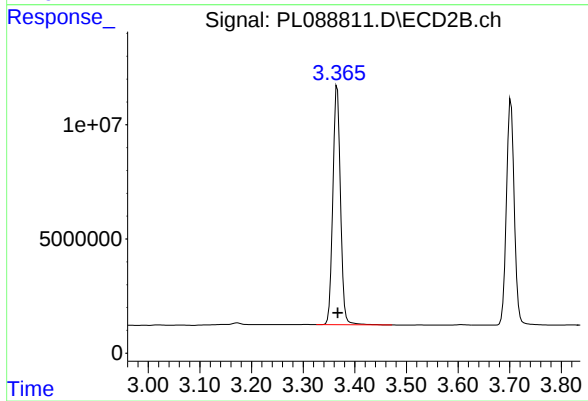
#1 Tetrachloro-m-xylene

R.T.: 2.852 min  
Delta R.T.: 0.000 min  
Response: 70448263  
Conc: 52.86 ng/ml



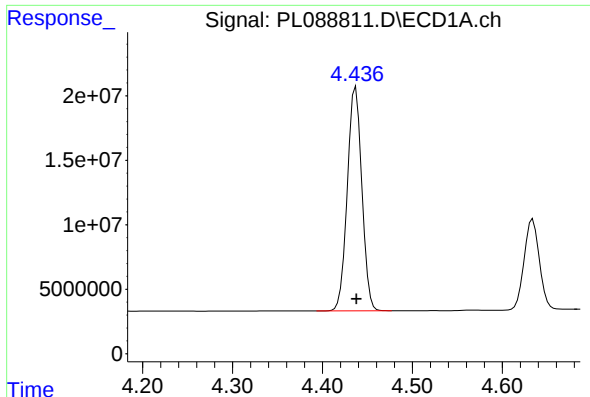
#2 alpha-BHC

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 201969526  
Conc: 50.60 ng/ml



#2 alpha-BHC

R.T.: 3.366 min  
Delta R.T.: -0.001 min  
Response: 107604169  
Conc: 53.55 ng/ml



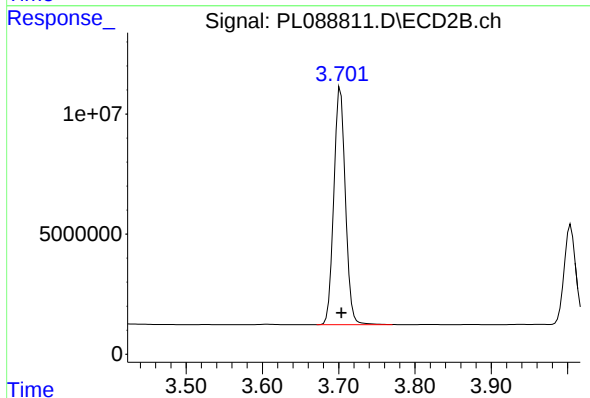
#3 gamma-BHC (Lindane)

R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 195183679  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

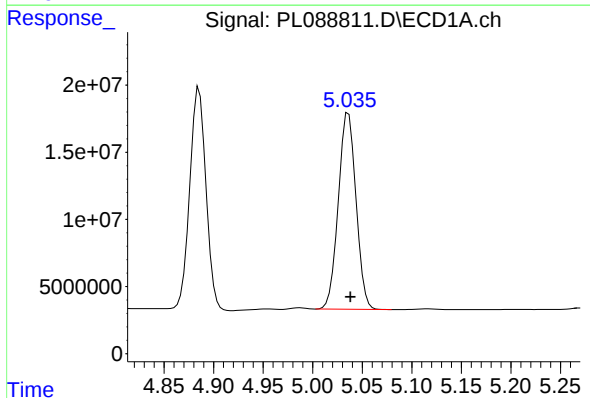
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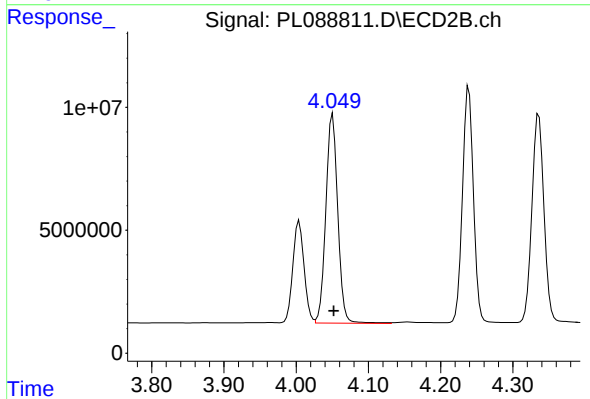
#3 gamma-BHC (Lindane)

R.T.: 3.702 min  
Delta R.T.: -0.001 min  
Response: 103884071  
Conc: 54.13 ng/ml



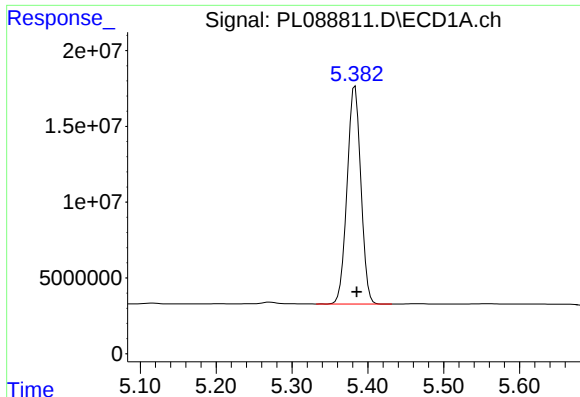
#4 Heptachlor

R.T.: 5.036 min  
Delta R.T.: -0.002 min  
Response: 181790941  
Conc: 47.87 ng/ml



#4 Heptachlor

R.T.: 4.051 min  
Delta R.T.: -0.002 min  
Response: 97963556  
Conc: 54.43 ng/ml



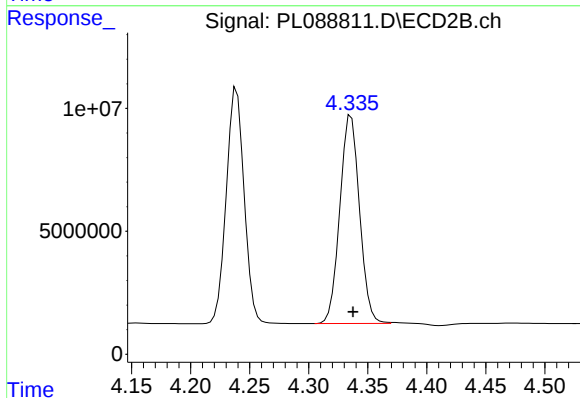
#5 Aldrin

R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 181383476  
Conc: 49.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

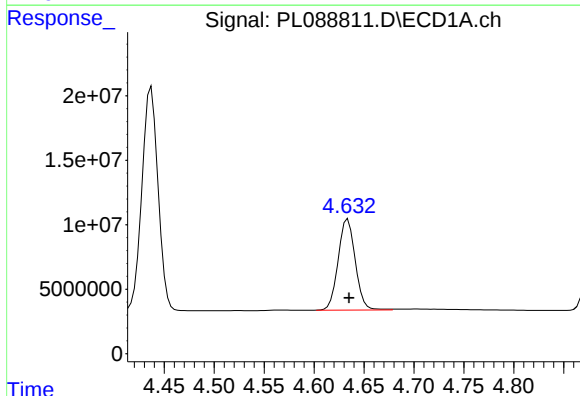
Manual Integrations  
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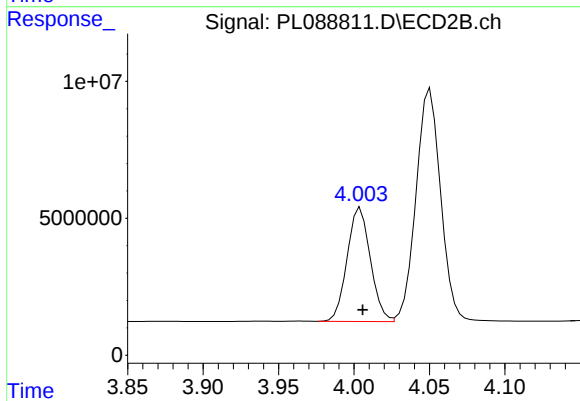
#5 Aldrin

R.T.: 4.335 min  
Delta R.T.: -0.003 min  
Response: 98348781  
Conc: 54.42 ng/ml m



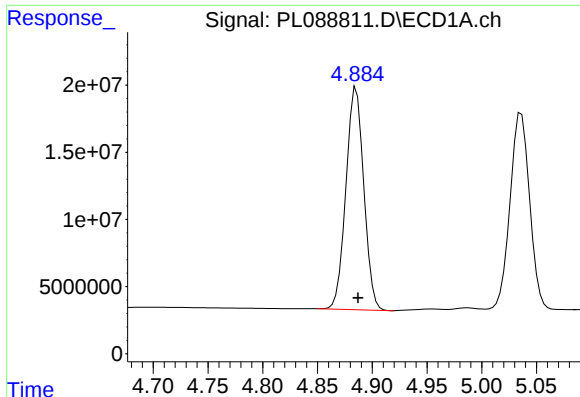
#6 beta-BHC

R.T.: 4.634 min  
Delta R.T.: -0.001 min  
Response: 84353980  
Conc: 47.57 ng/ml



#6 beta-BHC

R.T.: 4.004 min  
Delta R.T.: -0.002 min  
Response: 44667336  
Conc: 52.11 ng/ml



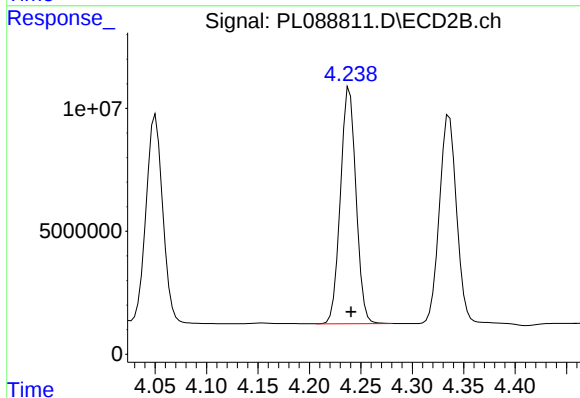
#7 delta-BHC

R.T.: 4.885 min  
Delta R.T.: -0.002 min  
Response: 188069665  
Conc: 46.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

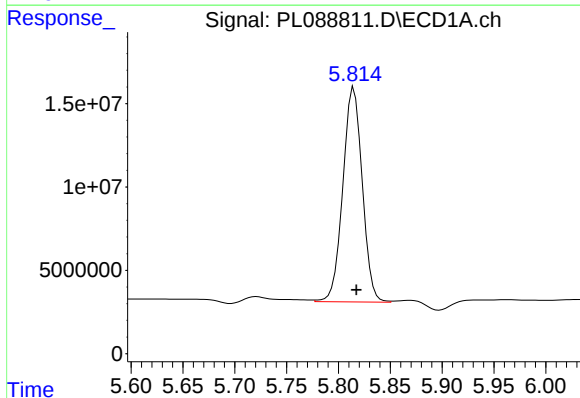
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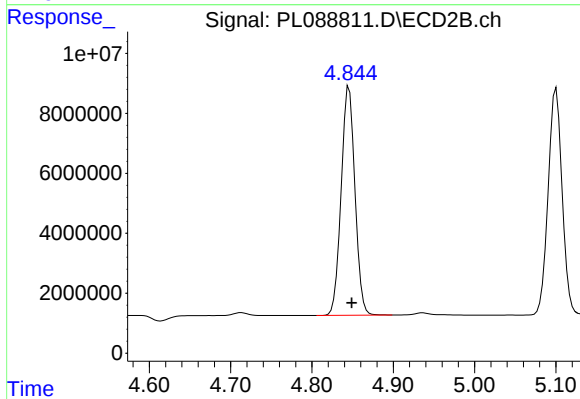
#7 delta-BHC

R.T.: 4.238 min  
Delta R.T.: -0.003 min  
Response: 101260431  
Conc: 52.93 ng/ml m



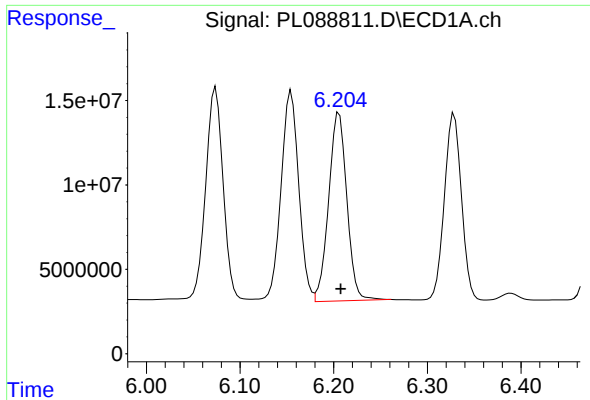
#8 Heptachlor epoxide

R.T.: 5.814 min  
Delta R.T.: -0.004 min  
Response: 167886832  
Conc: 48.88 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.846 min  
Delta R.T.: -0.003 min  
Response: 89694570  
Conc: 54.54 ng/ml



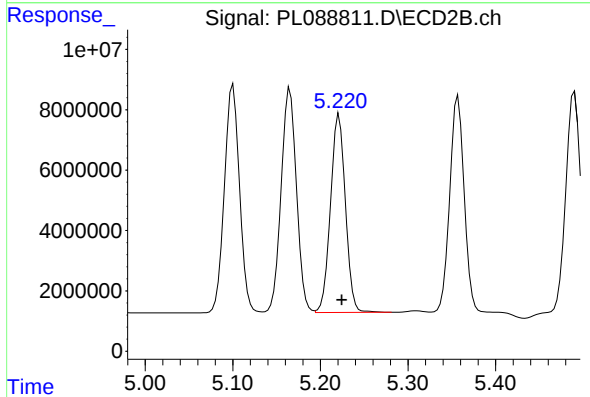
#9 Endosulfan I

R.T.: 6.206 min  
Delta R.T.: -0.002 min  
Response: 150886805  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

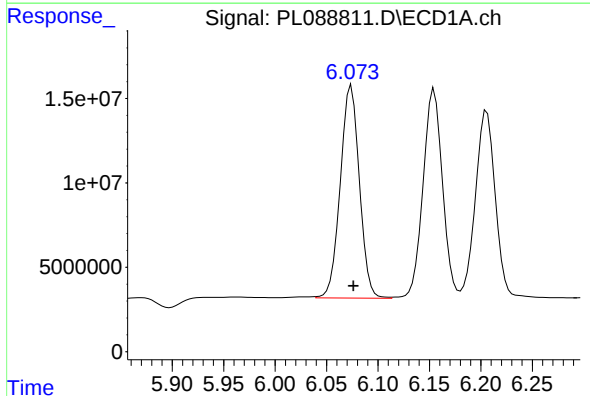
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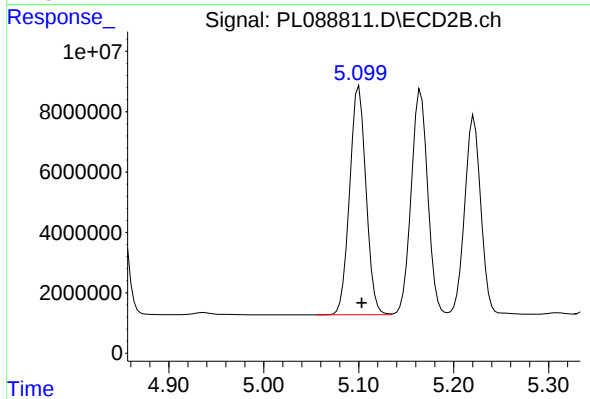
#9 Endosulfan I

R.T.: 5.221 min  
Delta R.T.: -0.003 min  
Response: 77590932  
Conc: 51.62 ng/ml



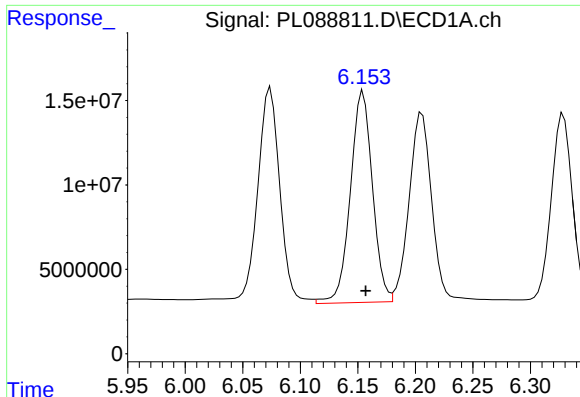
#10 gamma-Chlordane

R.T.: 6.073 min  
Delta R.T.: -0.003 min  
Response: 162959214  
Conc: 48.92 ng/ml m



#10 gamma-Chlordane

R.T.: 5.100 min  
Delta R.T.: -0.003 min  
Response: 90697540  
Conc: 54.76 ng/ml



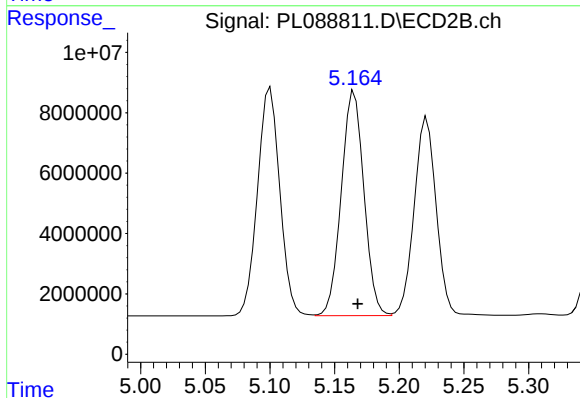
#11 alpha-Chlordane

R.T.: 6.155 min  
Delta R.T.: -0.002 min  
Response: 168455845  
Conc: 50.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

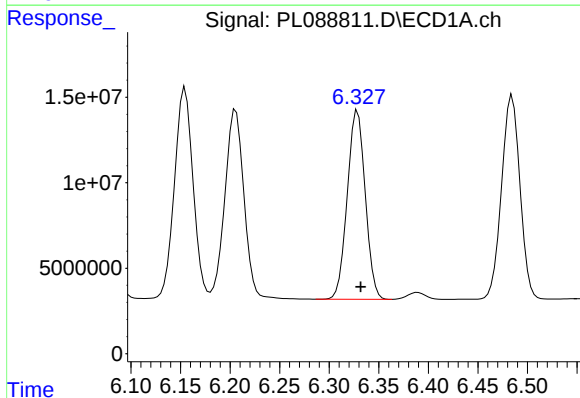
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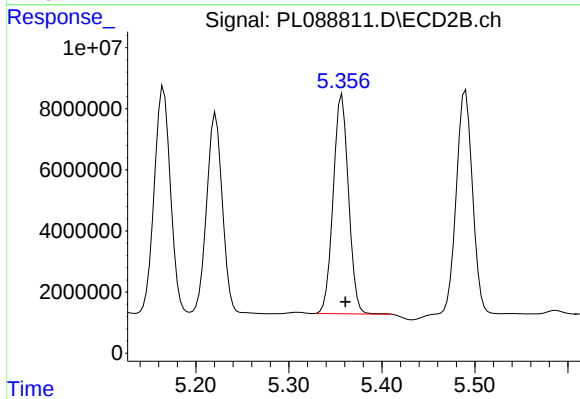
#11 alpha-Chlordane

R.T.: 5.165 min  
Delta R.T.: -0.003 min  
Response: 90492081  
Conc: 54.52 ng/ml



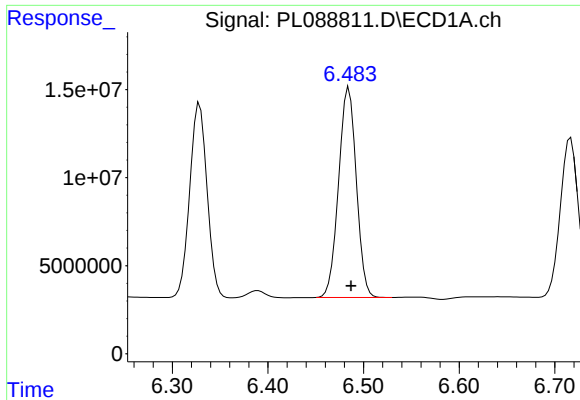
#12 4,4'-DDE

R.T.: 6.329 min  
Delta R.T.: -0.003 min  
Response: 139522114  
Conc: 46.70 ng/ml



#12 4,4'-DDE

R.T.: 5.357 min  
Delta R.T.: -0.004 min  
Response: 82124624  
Conc: 56.30 ng/ml



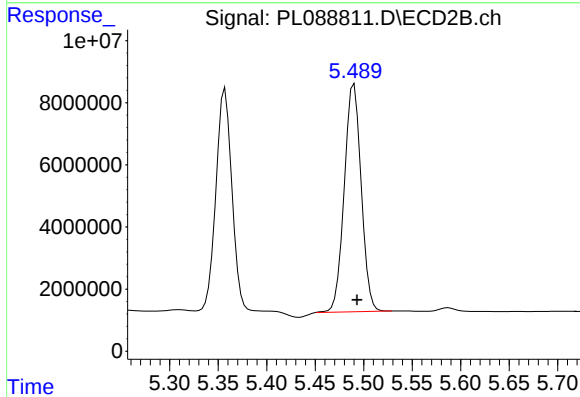
#13 Dieldrin

R.T.: 6.485 min  
Delta R.T.: -0.002 min  
Response: 153994495  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

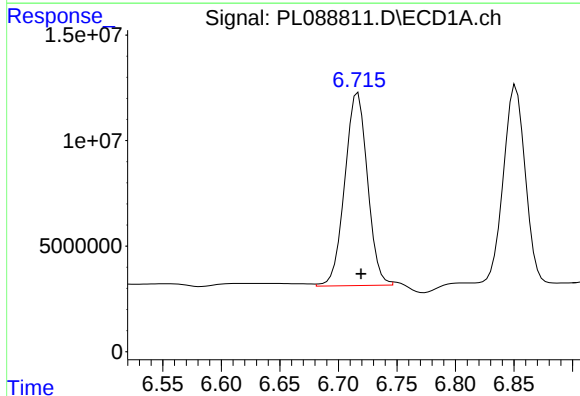
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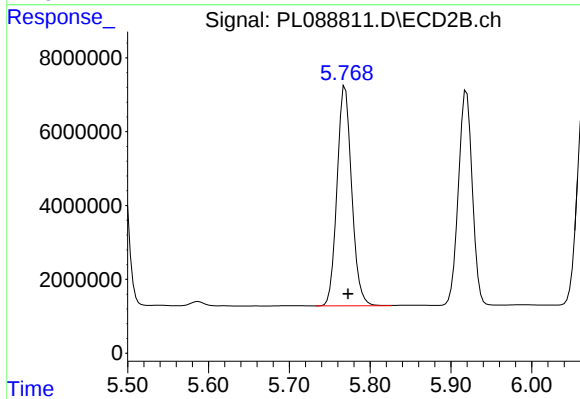
#13 Dieldrin

R.T.: 5.490 min  
Delta R.T.: -0.003 min  
Response: 88967876  
Conc: 54.78 ng/ml



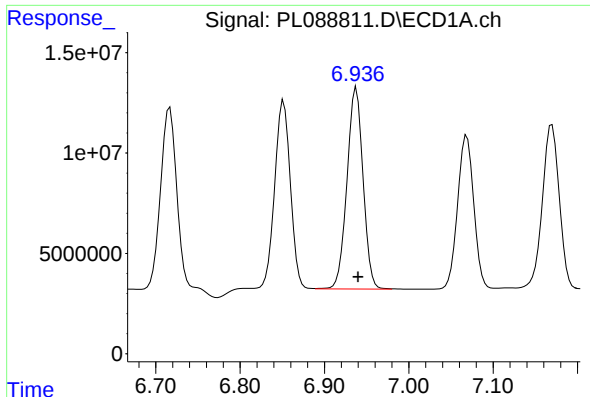
#14 Endrin

R.T.: 6.715 min  
Delta R.T.: -0.004 min  
Response: 123013972  
Conc: 45.00 ng/ml m



#14 Endrin

R.T.: 5.769 min  
Delta R.T.: -0.004 min  
Response: 74801301  
Conc: 51.89 ng/ml



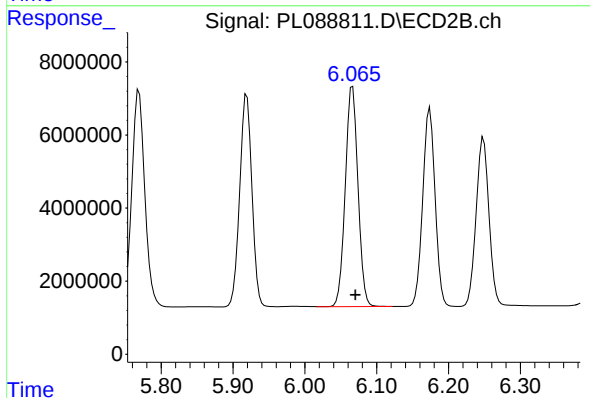
#15 Endosulfan II

R.T.: 6.936 min  
Delta R.T.: -0.004 min  
Response: 132892772  
Conc: 46.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

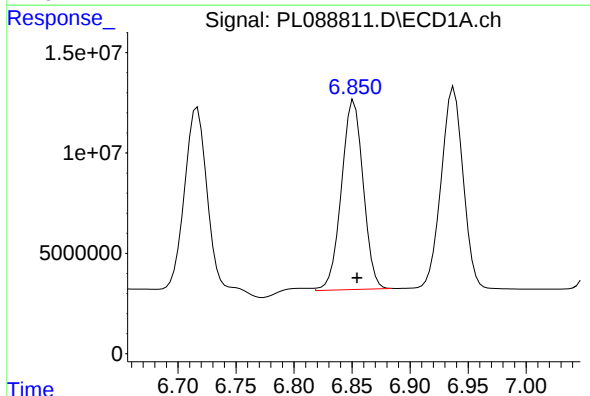
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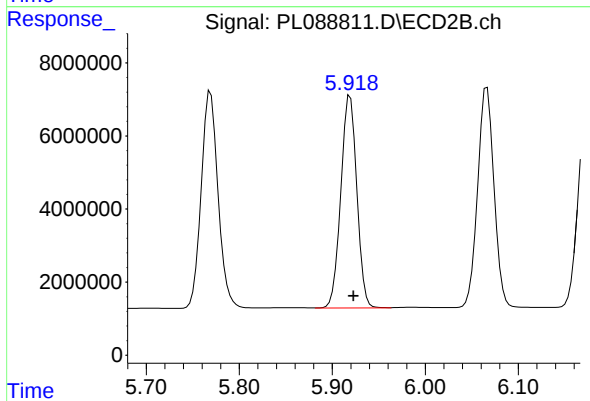
#15 Endosulfan II

R.T.: 6.066 min  
Delta R.T.: -0.004 min  
Response: 73929698  
Conc: 51.42 ng/ml



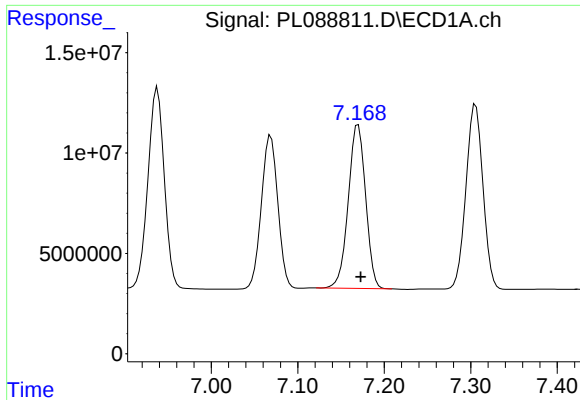
#16 4,4'-DDD

R.T.: 6.850 min  
Delta R.T.: -0.004 min  
Response: 122797242  
Conc: 48.22 ng/ml m



#16 4,4'-DDD

R.T.: 5.919 min  
Delta R.T.: -0.003 min  
Response: 69473148  
Conc: 55.79 ng/ml



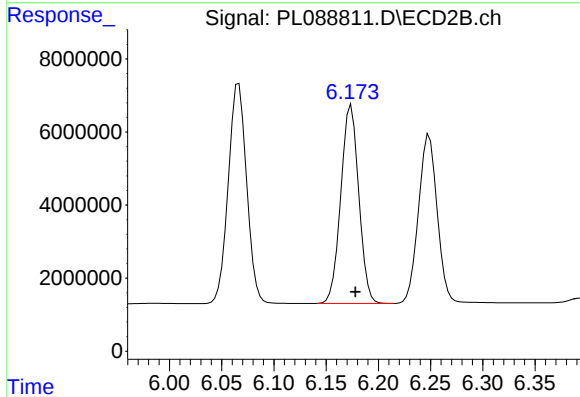
#17 4,4'-DDT

R.T.: 7.170 min  
Delta R.T.: -0.003 min  
Response: 113318361  
Conc: 42.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

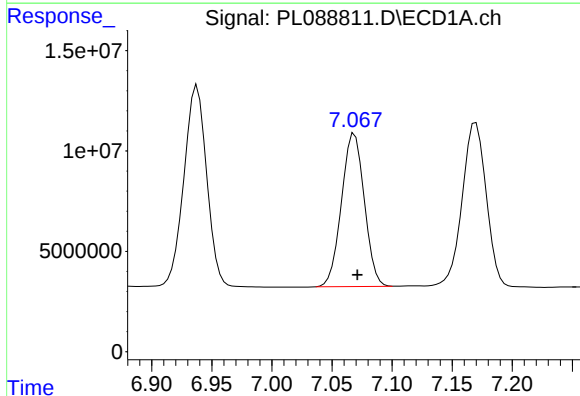
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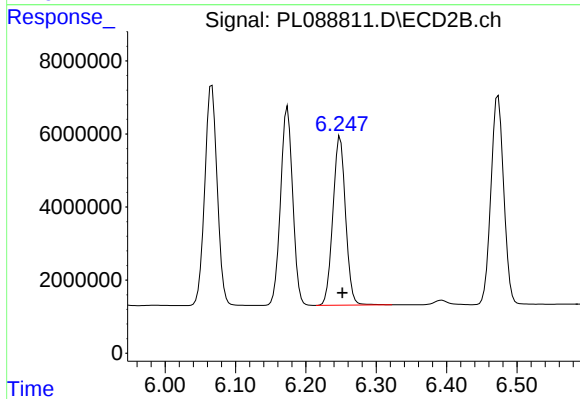
#17 4,4'-DDT

R.T.: 6.174 min  
Delta R.T.: -0.004 min  
Response: 64918765  
Conc: 48.37 ng/ml



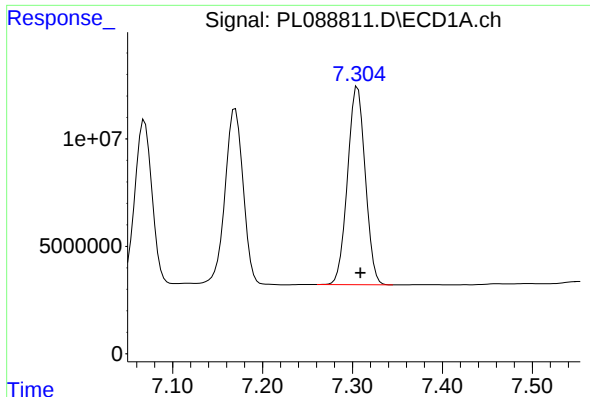
#18 Endrin aldehyde

R.T.: 7.067 min  
Delta R.T.: -0.004 min  
Response: 101092142  
Conc: 48.42 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min  
Delta R.T.: -0.003 min  
Response: 57709544  
Conc: 55.07 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.306 min  
Delta R.T.: -0.003 min  
Response: 126121127  
Conc: 45.67 ng/ml

Instrument :

ECD\_L

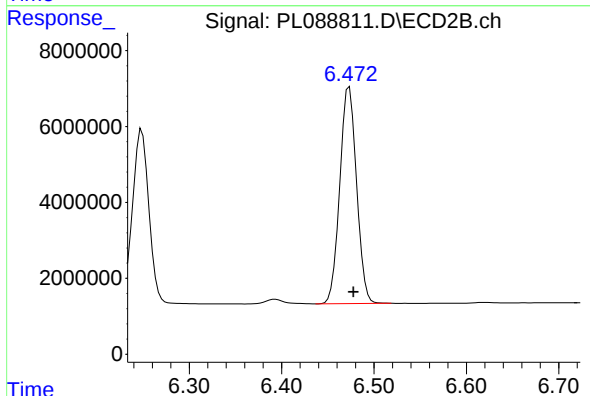
ClientSampleId :

PSTDCCC050

Manual Integrations

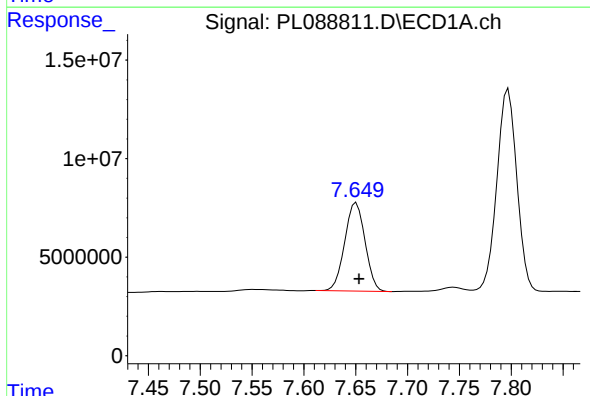
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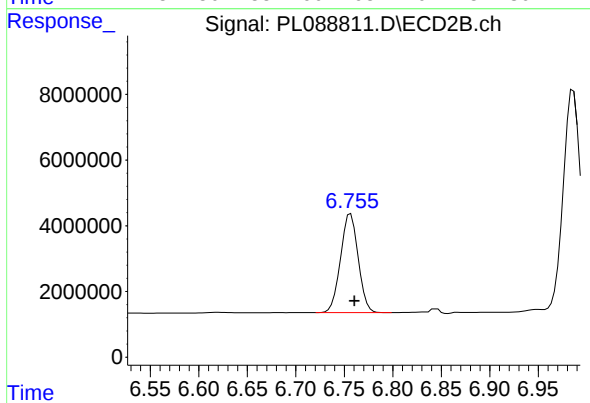
#19 Endosulfan Sulfate

R.T.: 6.473 min  
Delta R.T.: -0.004 min  
Response: 72144165  
Conc: 52.00 ng/ml



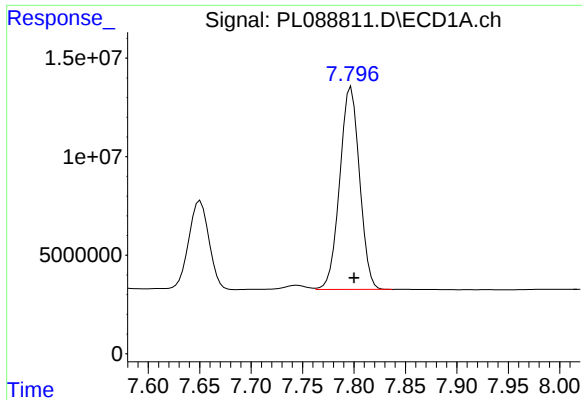
#20 Methoxychlor

R.T.: 7.651 min  
Delta R.T.: -0.003 min  
Response: 61164986  
Conc: 40.60 ng/ml



#20 Methoxychlor

R.T.: 6.757 min  
Delta R.T.: -0.004 min  
Response: 37983718  
Conc: 47.36 ng/ml



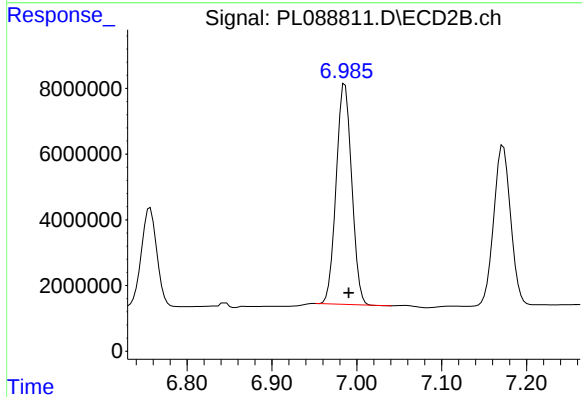
#21 Endrin ketone

R.T.: 7.797 min  
Delta R.T.: -0.003 min  
Response: 137798288  
Conc: 46.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

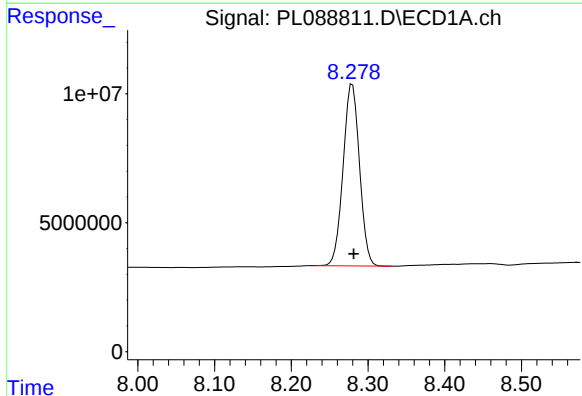
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/28/2024  
Supervised By :Ankita Jodhani 03/28/2024



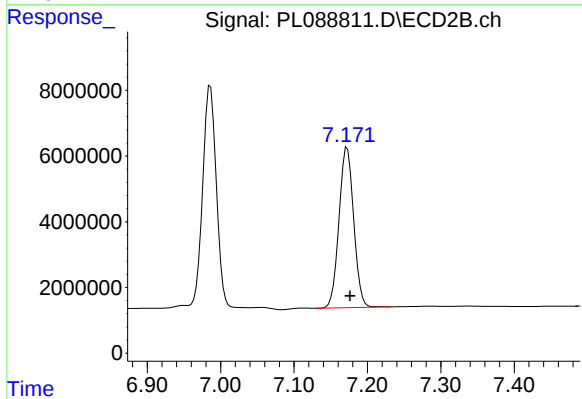
#21 Endrin ketone

R.T.: 6.986 min  
Delta R.T.: -0.004 min  
Response: 85426324  
Conc: 51.75 ng/ml



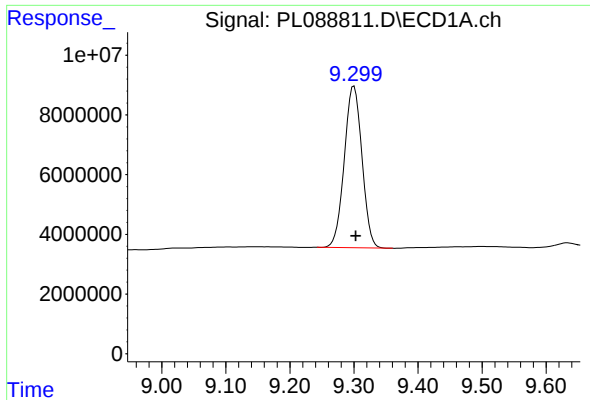
#22 Mirex

R.T.: 8.280 min  
Delta R.T.: -0.002 min  
Response: 105076993  
Conc: 44.82 ng/ml



#22 Mirex

R.T.: 7.172 min  
Delta R.T.: -0.004 min  
Response: 67763784  
Conc: 50.25 ng/ml



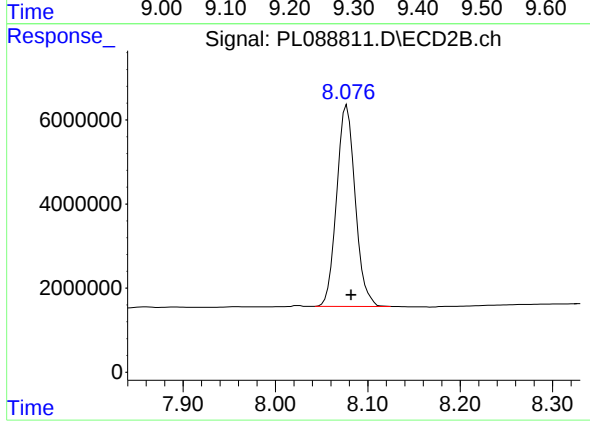
#28 Decachlorobiphenyl

R.T.: 9.300 min  
Delta R.T.: -0.003 min  
Response: 103644594  
Conc: 41.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/28/2024  
Supervised By :Ankita Jodhani 03/28/2024



#28 Decachlorobiphenyl

R.T.: 8.077 min  
Delta R.T.: -0.004 min  
Response: 66869460  
Conc: 49.32 ng/ml