

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111922\  
 Data File : PL079288.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2022 16:57  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/21/2022  
 Supervised By :Ankita Jodhani 11/21/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 23:34:25 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111622.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 16 15:31:11 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... | 3.325 | 2.565 | 101.8E6  | 116.8E6  | 48.905  | 45.871 |
| 28)                         | SA Decachlor... | 8.777 | 7.637 | 77686930 | 91010245 | 46.443  | 43.871 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.785 | 3.052 | 159.2E6  | 185.3E6  | 50.509m | 45.815 |
| 3)                          | MA gamma-BHC... | 4.119 | 3.373 | 148.8E6  | 167.4E6  | 49.573  | 47.195 |
| 4)                          | MA Heptachlor   | 4.689 | 3.700 | 151.7E6  | 163.1E6  | 50.693  | 44.888 |
| 5)                          | MB Aldrin       | 5.027 | 3.972 | 140.4E6  | 161.9E6  | 50.187  | 46.347 |
| 6)                          | B beta-BHC      | 4.335 | 3.674 | 61468837 | 64337821 | 46.742  | 46.026 |
| 7)                          | B delta-BHC     | 4.575 | 3.893 | 127.9E6  | 165.5E6  | 56.492  | 46.079 |
| 8)                          | B Heptachlo...  | 5.461 | 4.469 | 128.4E6  | 142.9E6  | 54.314  | 46.019 |
| 9)                          | A Endosulfan I  | 5.845 | 4.831 | 119.5E6  | 136.8E6  | 49.766  | 46.288 |
| 10)                         | B gamma-Chl...  | 5.717 | 4.716 | 131.3E6  | 144.6E6  | 51.367  | 46.672 |
| 11)                         | B alpha-Chl...  | 5.793 | 4.778 | 129.6E6  | 142.1E6  | 50.381  | 46.541 |
| 12)                         | B 4,4'-DDE      | 5.977 | 4.974 | 111.0E6  | 133.5E6  | 48.576  | 46.610 |
| 13)                         | MA Dieldrin     | 6.123 | 5.093 | 118.6E6  | 142.8E6  | 48.892  | 46.438 |
| 14)                         | MA Endrin       | 6.353 | 5.364 | 101.6E6  | 125.3E6  | 45.936  | 47.972 |
| 15)                         | B Endosulfa...  | 6.583 | 5.661 | 95142219 | 116.3E6  | 42.179  | 43.466 |
| 16)                         | A 4,4'-DDD      | 6.502 | 5.525 | 90003949 | 112.2E6  | 51.247  | 47.971 |
| 17)                         | MA 4,4'-DDT     | 6.811 | 5.771 | 95470716 | 110.1E6  | 45.801  | 45.107 |
| 18)                         | B Endrin al...  | 6.715 | 5.840 | 79705604 | 91631625 | 49.866  | 43.900 |
| 19)                         | B Endosulfa...  | 6.948 | 6.063 | 99274954 | 117.8E6  | 49.392  | 45.136 |
| 20)                         | A Methoxychlor  | 7.296 | 6.349 | 50201130 | 57284883 | 47.090  | 43.363 |
| 21)                         | B Endrin ke...  | 7.435 | 6.559 | 105.2E6  | 129.1E6  | 50.533  | 45.635 |
| 22)                         | Mirex           | 7.890 | 6.731 | 78460243 | 95165662 | 49.267  | 44.905 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111922\  
Data File : PL079288.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Nov 2022 16:57  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

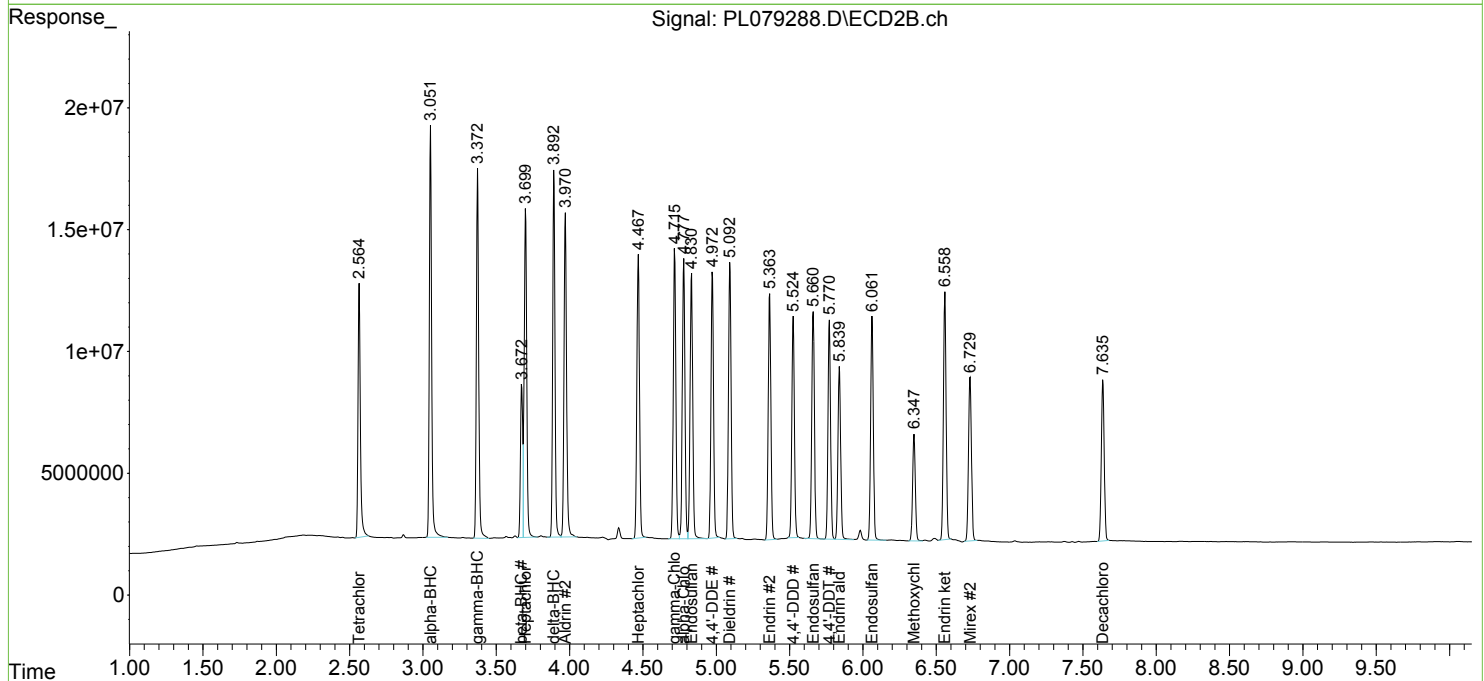
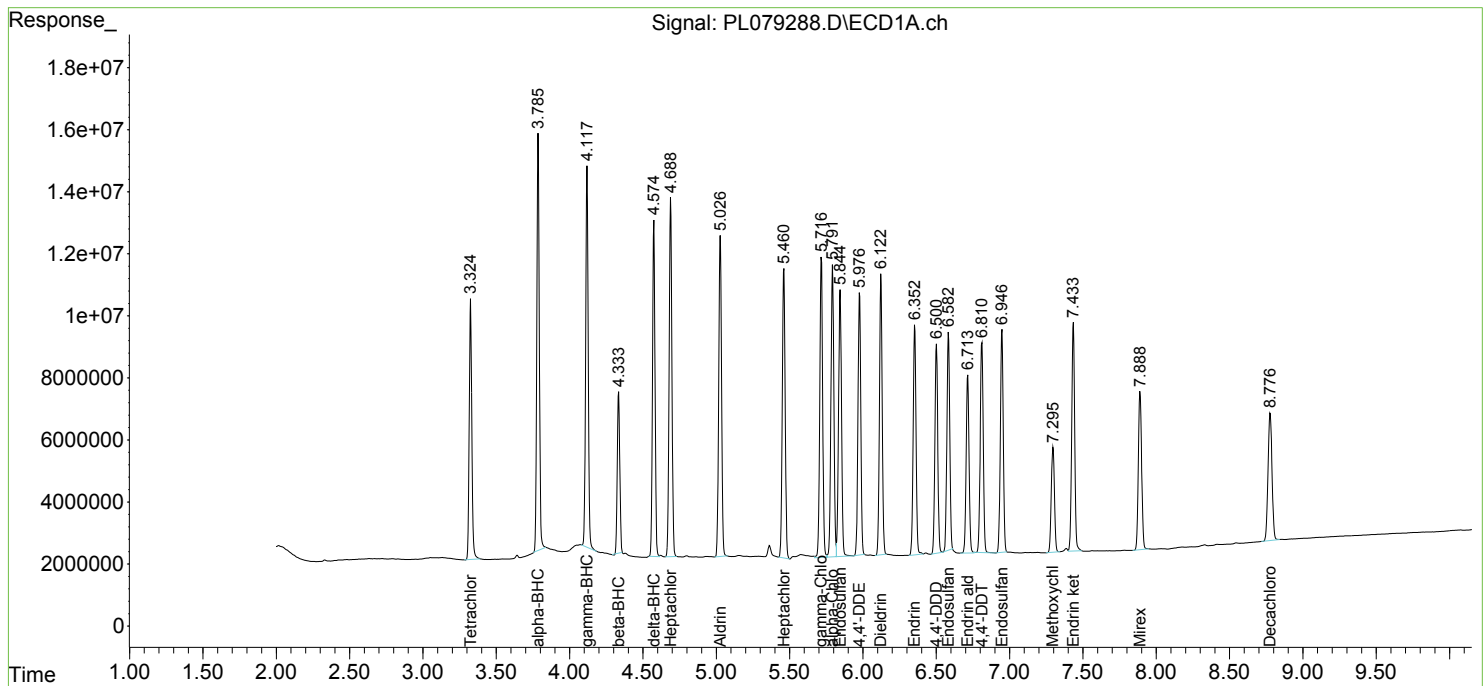
## APPROVED

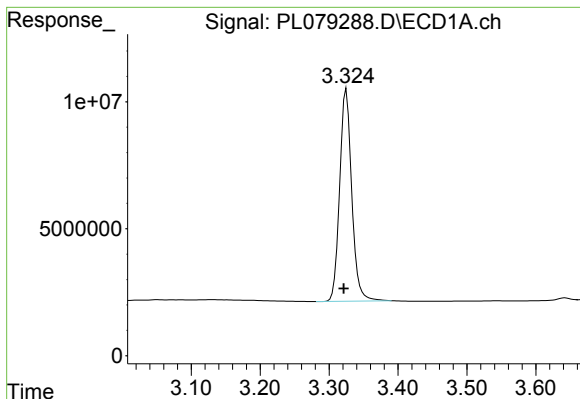
Reviewed By :Abdul Mirza 11/21/2022

Supervised By :Ankita Jodhani 11/21/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 23:34:25 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111622.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 16 15:31:11 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





#1 Tetrachloro-m-xylene

R.T.: 3.325 min  
Delta R.T.: 0.004 min  
Response: 101839411  
Conc: 48.90 ng/ml

Instrument :

ECD\_L

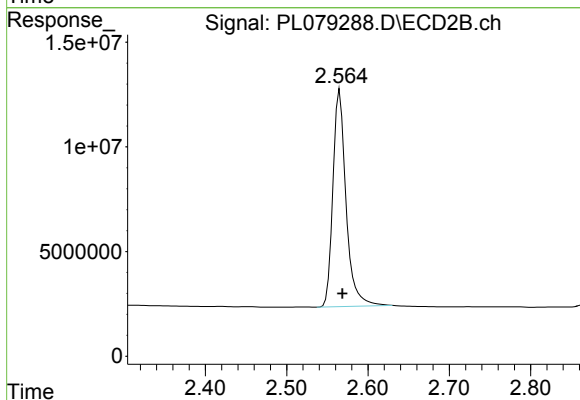
ClientSampleId :

PSTDCCC050

Manual Integrations

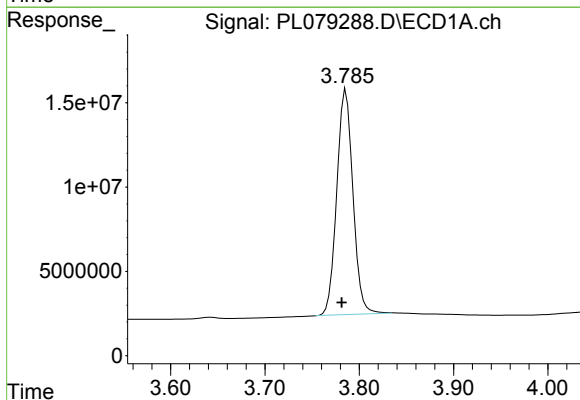
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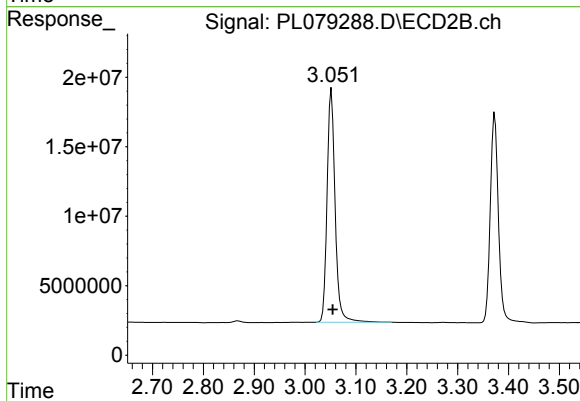
#1 Tetrachloro-m-xylene

R.T.: 2.565 min  
Delta R.T.: -0.003 min  
Response: 116827723  
Conc: 45.87 ng/ml



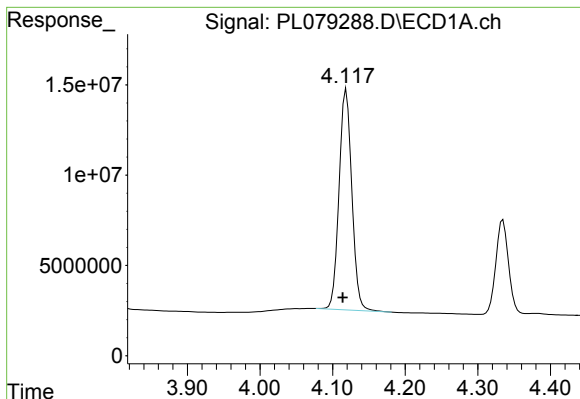
#2 alpha-BHC

R.T.: 3.785 min  
Delta R.T.: 0.003 min  
Response: 159160574  
Conc: 50.51 ng/ml m



#2 alpha-BHC

R.T.: 3.052 min  
Delta R.T.: -0.003 min  
Response: 185258415  
Conc: 45.81 ng/ml



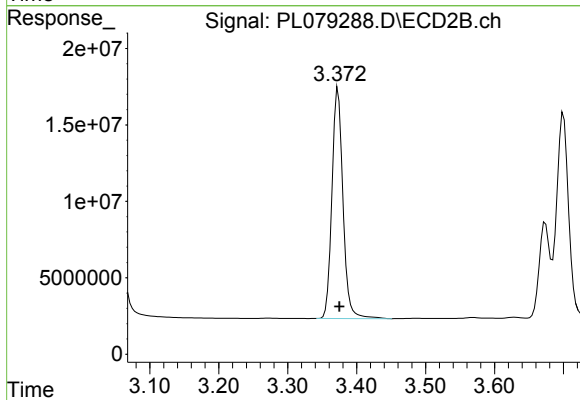
#3 gamma-BHC (Lindane)

R.T.: 4.119 min  
Delta R.T.: 0.005 min  
Response: 148794426  
Conc: 49.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

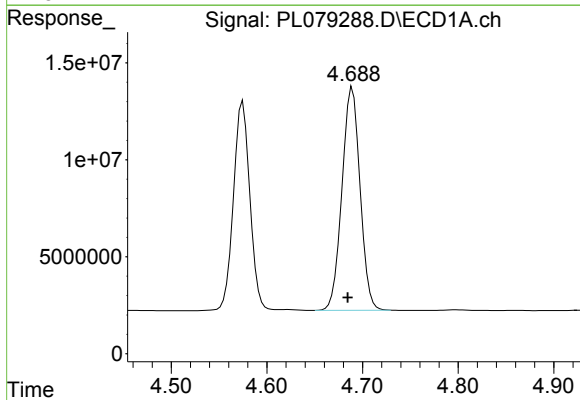
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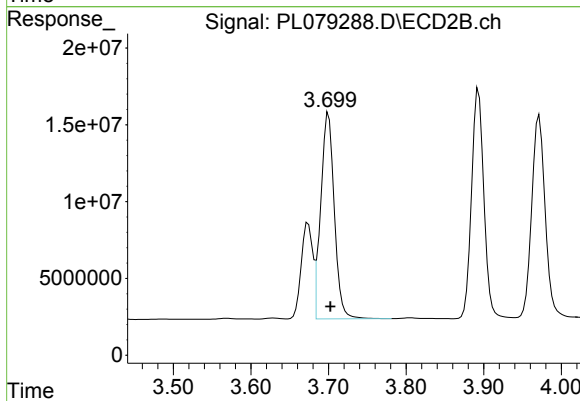
#3 gamma-BHC (Lindane)

R.T.: 3.373 min  
Delta R.T.: -0.002 min  
Response: 167445595  
Conc: 47.20 ng/ml



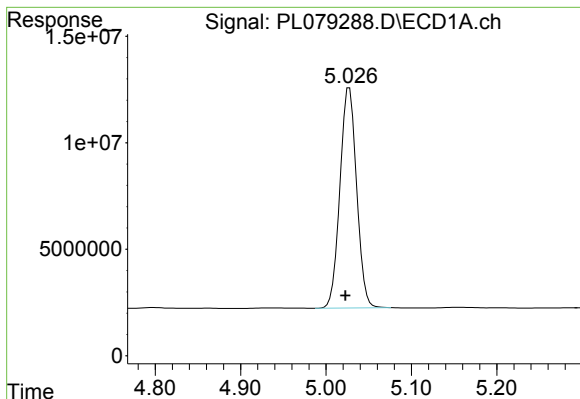
#4 Heptachlor

R.T.: 4.689 min  
Delta R.T.: 0.005 min  
Response: 151656179  
Conc: 50.69 ng/ml



#4 Heptachlor

R.T.: 3.700 min  
Delta R.T.: -0.002 min  
Response: 163069234  
Conc: 44.89 ng/ml



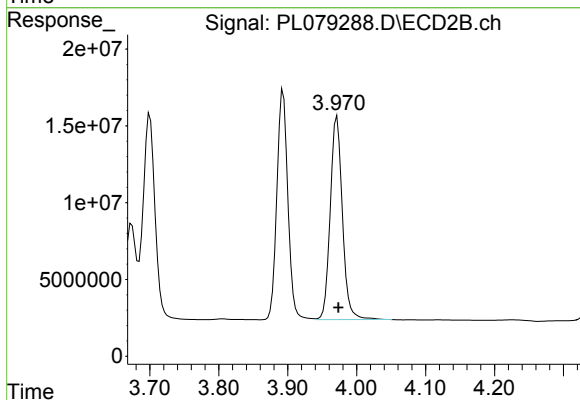
#5 Aldrin

R.T.: 5.027 min  
Delta R.T.: 0.005 min  
Response: 140438558  
Conc: 50.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

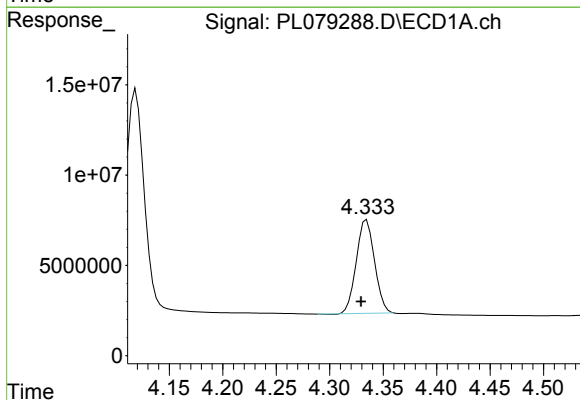
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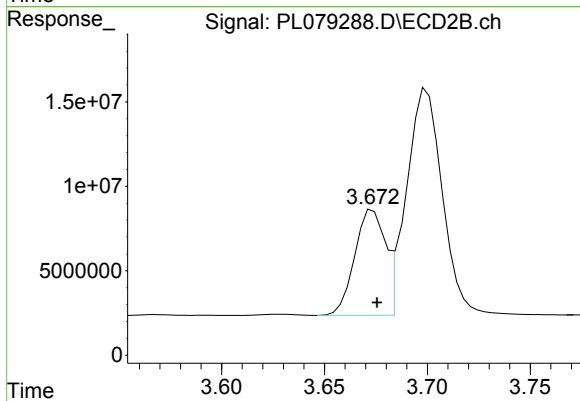
#5 Aldrin

R.T.: 3.972 min  
Delta R.T.: -0.002 min  
Response: 161889034  
Conc: 46.35 ng/ml



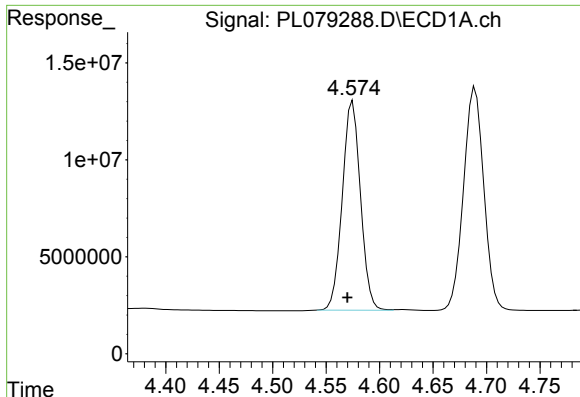
#6 beta-BHC

R.T.: 4.335 min  
Delta R.T.: 0.005 min  
Response: 61468837  
Conc: 46.74 ng/ml



#6 beta-BHC

R.T.: 3.674 min  
Delta R.T.: -0.002 min  
Response: 64337821  
Conc: 46.03 ng/ml



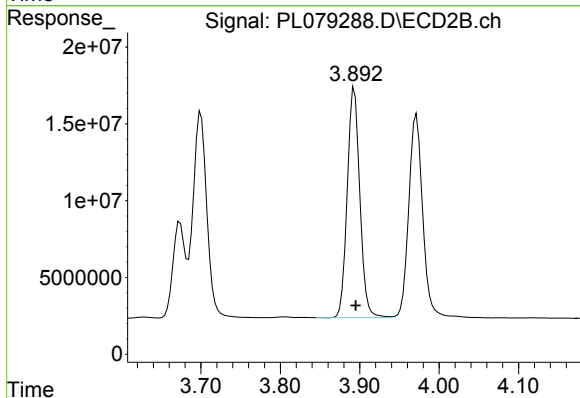
#7 delta-BHC

R.T.: 4.575 min  
Delta R.T.: 0.005 min  
Response: 127928217  
Conc: 56.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

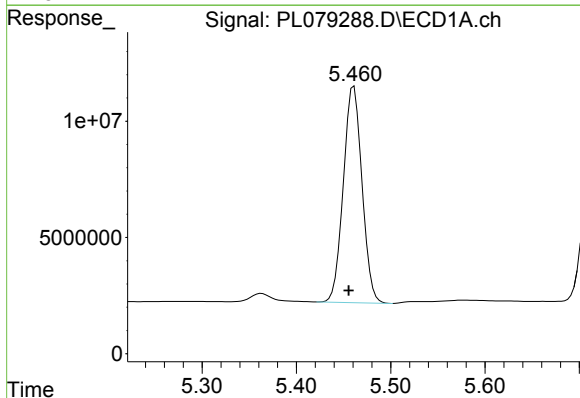
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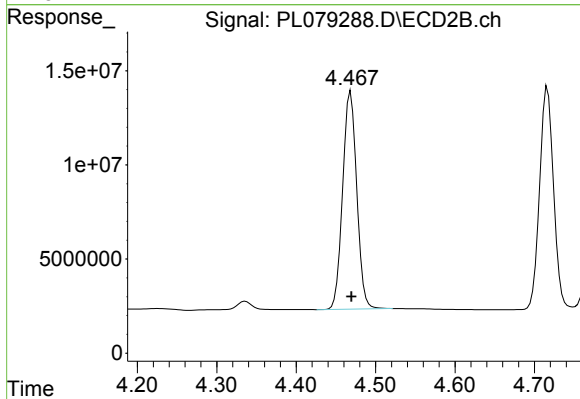
#7 delta-BHC

R.T.: 3.893 min  
Delta R.T.: -0.002 min  
Response: 165458357  
Conc: 46.08 ng/ml



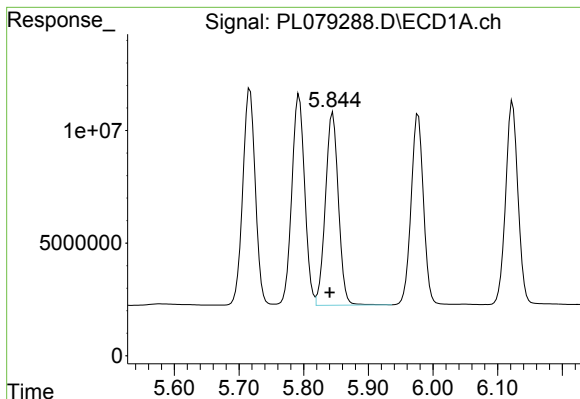
#8 Heptachlor epoxide

R.T.: 5.461 min  
Delta R.T.: 0.006 min  
Response: 128367823  
Conc: 54.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.469 min  
Delta R.T.: -0.001 min  
Response: 142883598  
Conc: 46.02 ng/ml



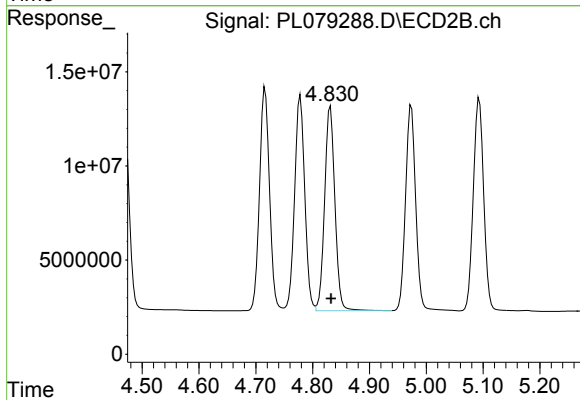
#9 Endosulfan I

R.T.: 5.845 min  
Delta R.T.: 0.004 min  
Response: 119513522  
Conc: 49.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

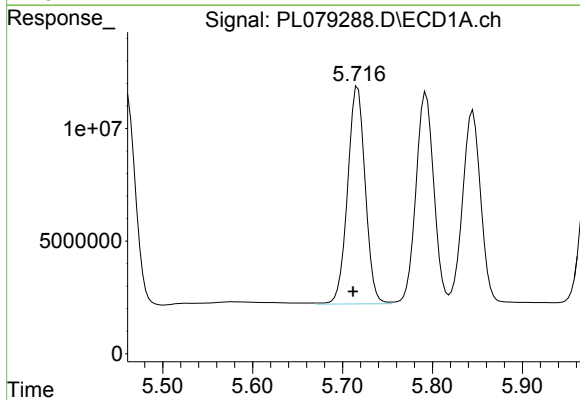
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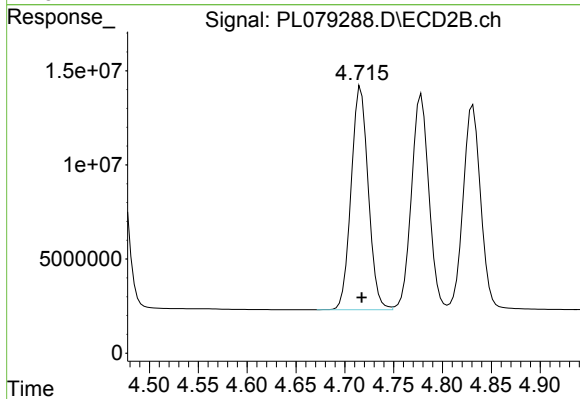
#9 Endosulfan I

R.T.: 4.831 min  
Delta R.T.: -0.001 min  
Response: 136797166  
Conc: 46.29 ng/ml



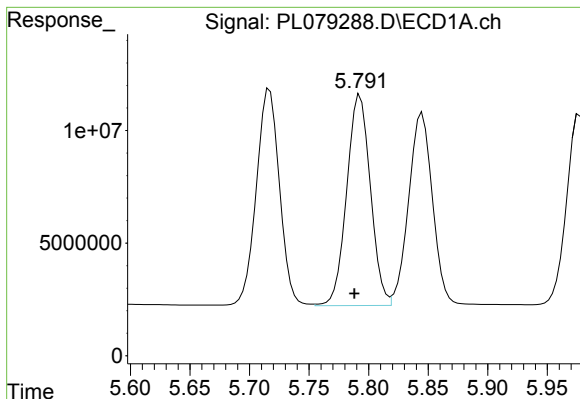
#10 gamma-Chlordane

R.T.: 5.717 min  
Delta R.T.: 0.005 min  
Response: 131297888  
Conc: 51.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.716 min  
Delta R.T.: -0.001 min  
Response: 144607890  
Conc: 46.67 ng/ml



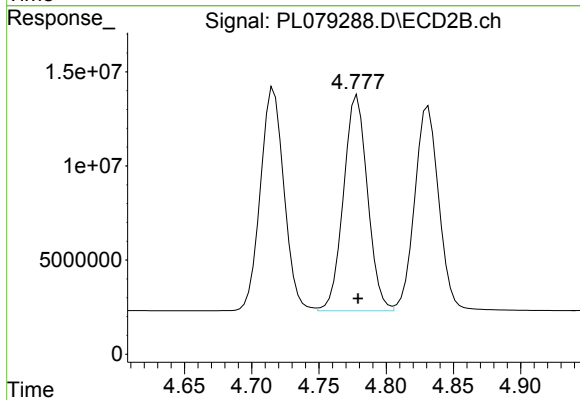
#11 alpha-Chlordane

R.T.: 5.793 min  
Delta R.T.: 0.005 min  
Response: 129616476  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

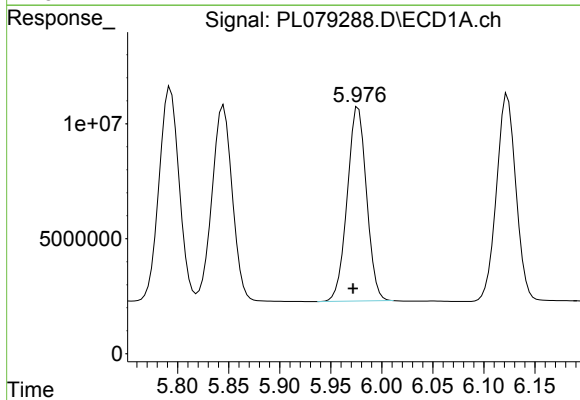
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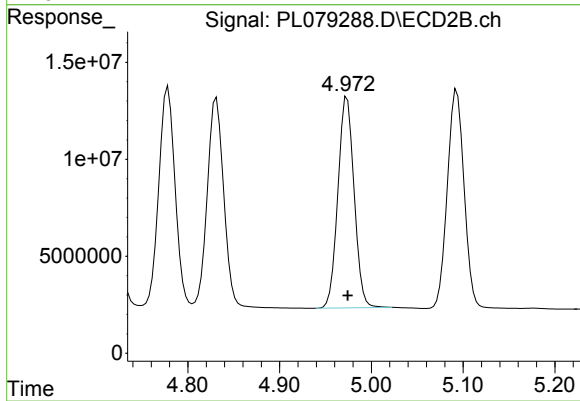
#11 alpha-Chlordane

R.T.: 4.778 min  
Delta R.T.: 0.000 min  
Response: 142066428  
Conc: 46.54 ng/ml



#12 4,4'-DDE

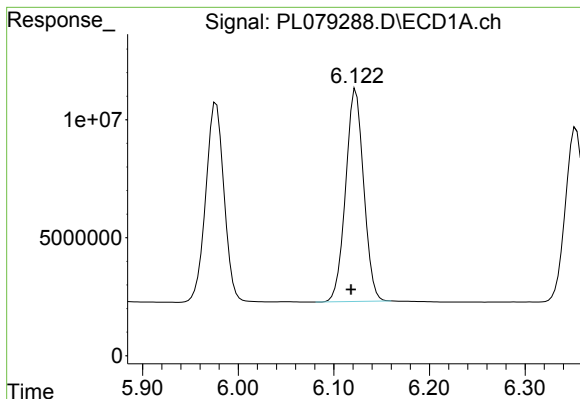
R.T.: 5.977 min  
Delta R.T.: 0.005 min  
Response: 110978087  
Conc: 48.58 ng/ml



#12 4,4'-DDE

R.T.: 4.974 min  
Delta R.T.: 0.000 min  
Response: 133493718  
Conc: 46.61 ng/ml





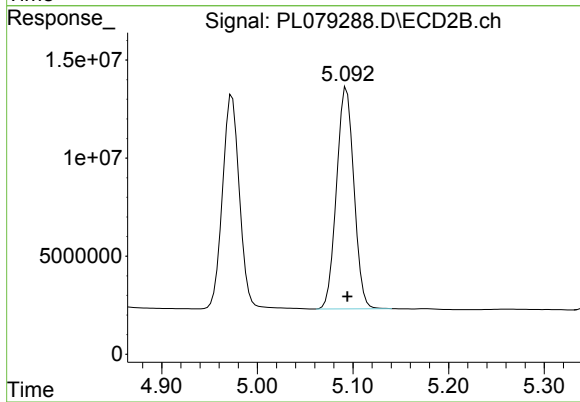
#13 Dieldrin

R.T.: 6.123 min  
Delta R.T.: 0.005 min  
Response: 118606433  
Conc: 48.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

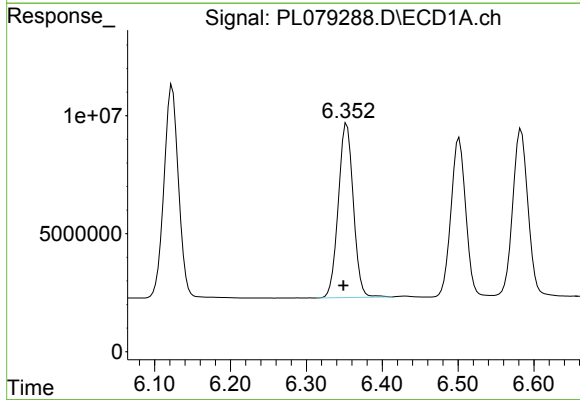
Manual Integrations  
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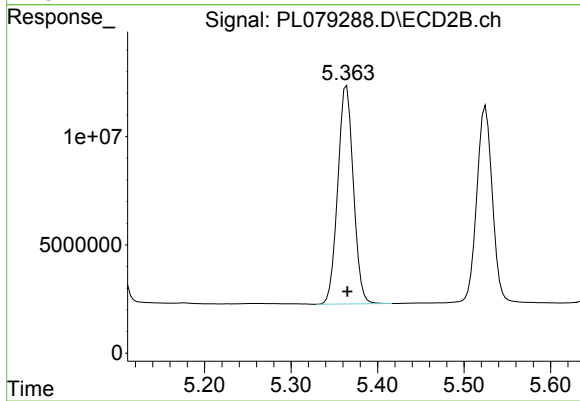
#13 Dieldrin

R.T.: 5.093 min  
Delta R.T.: 0.000 min  
Response: 142802472  
Conc: 46.44 ng/ml



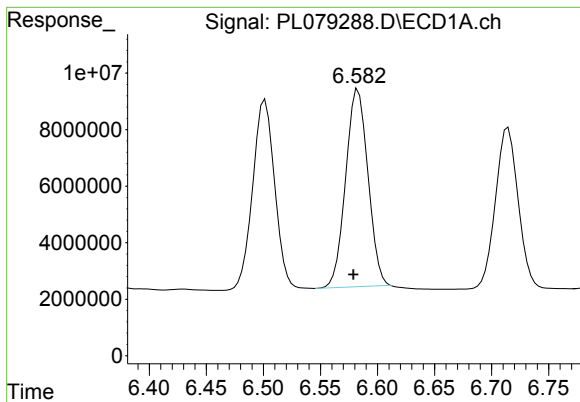
#14 Endrin

R.T.: 6.353 min  
Delta R.T.: 0.004 min  
Response: 101649721  
Conc: 45.94 ng/ml



#14 Endrin

R.T.: 5.364 min  
Delta R.T.: 0.000 min  
Response: 125293065  
Conc: 47.97 ng/ml



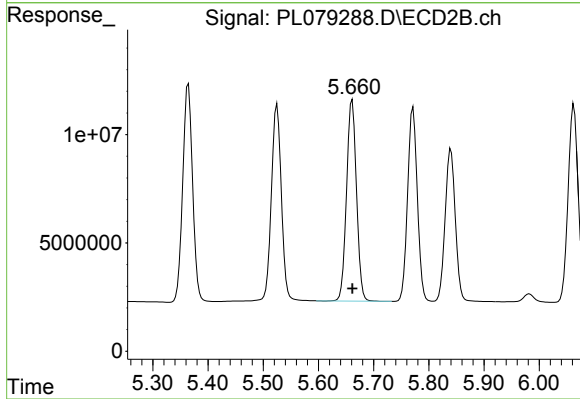
#15 Endosulfan II

R.T.: 6.583 min  
Delta R.T.: 0.004 min  
Response: 95142219  
Conc: 42.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

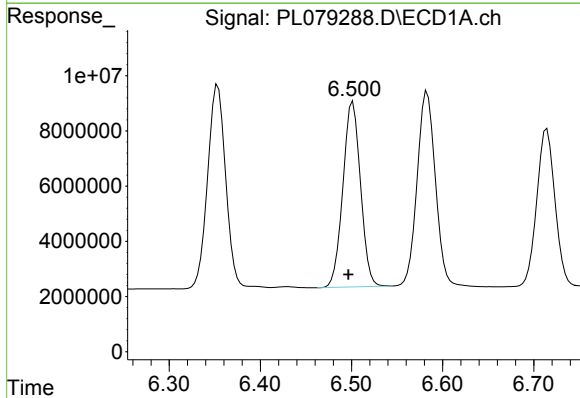
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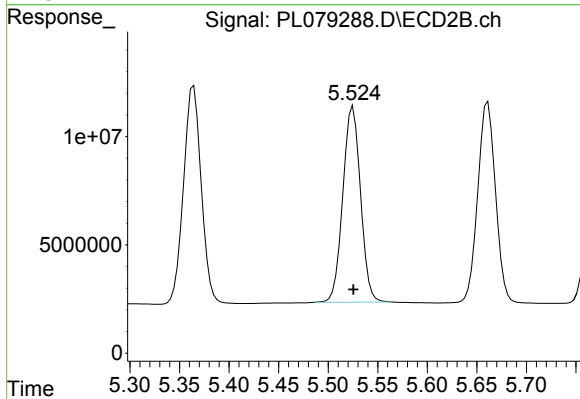
#15 Endosulfan II

R.T.: 5.661 min  
Delta R.T.: 0.000 min  
Response: 116348448  
Conc: 43.47 ng/ml



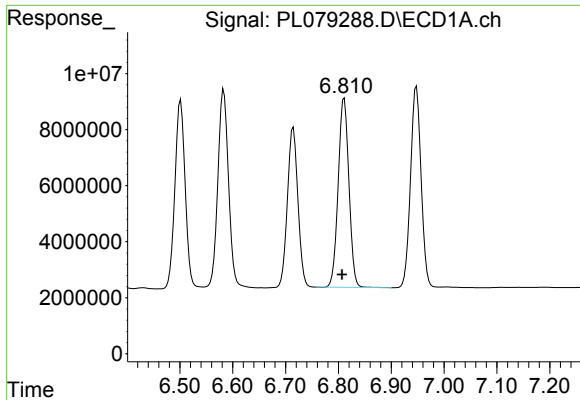
#16 4,4'-DDD

R.T.: 6.502 min  
Delta R.T.: 0.005 min  
Response: 90003949  
Conc: 51.25 ng/ml



#16 4,4'-DDD

R.T.: 5.525 min  
Delta R.T.: 0.000 min  
Response: 112179808  
Conc: 47.97 ng/ml



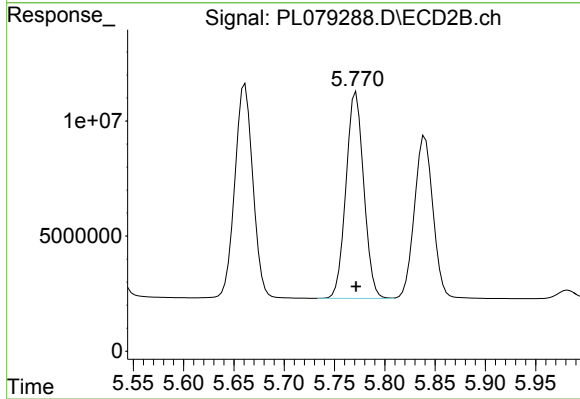
#17 4,4'-DDT

R.T.: 6.811 min  
Delta R.T.: 0.004 min  
Response: 95470716  
Conc: 45.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

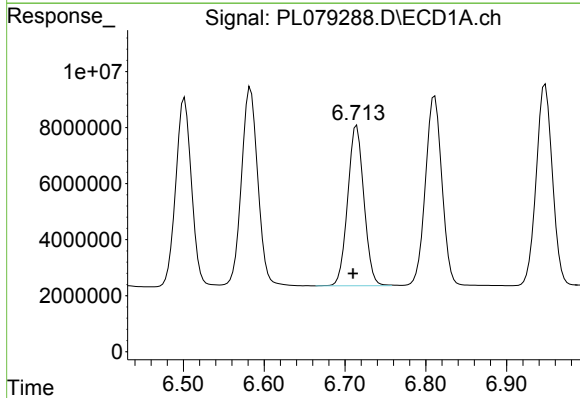
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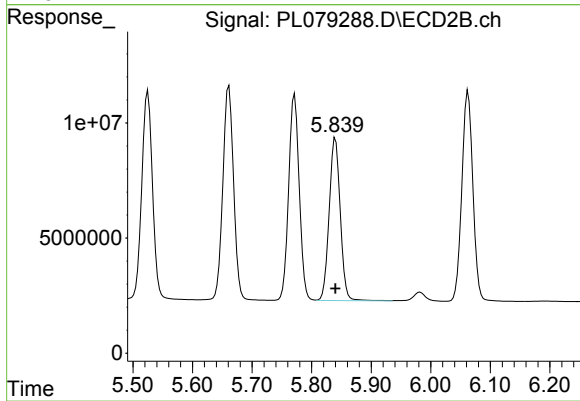
#17 4,4'-DDT

R.T.: 5.771 min  
Delta R.T.: 0.000 min  
Response: 110097162  
Conc: 45.11 ng/ml



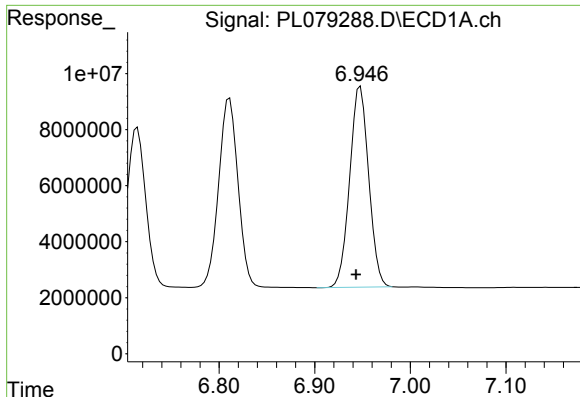
#18 Endrin aldehyde

R.T.: 6.715 min  
Delta R.T.: 0.004 min  
Response: 79705604  
Conc: 49.87 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min  
Delta R.T.: 0.000 min  
Response: 91631625  
Conc: 43.90 ng/ml



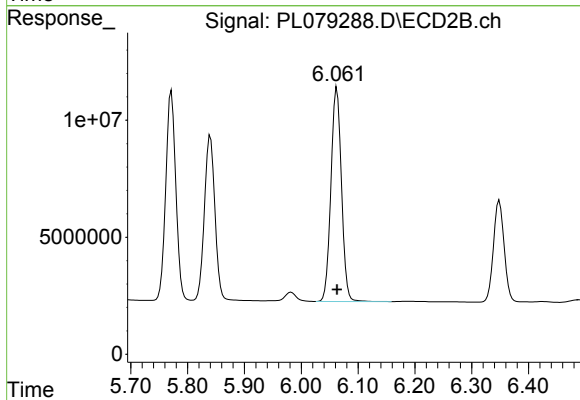
#19 Endosulfan Sulfate

R.T.: 6.948 min  
Delta R.T.: 0.005 min  
Response: 99274954  
Conc: 49.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

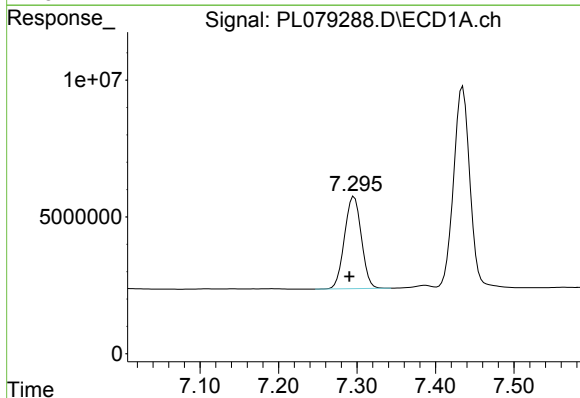
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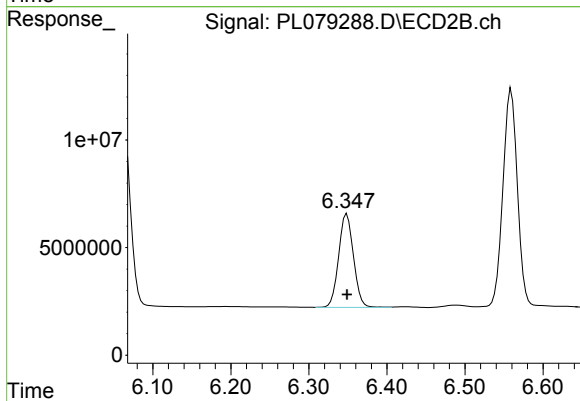
#19 Endosulfan Sulfate

R.T.: 6.063 min  
Delta R.T.: 0.000 min  
Response: 117764049  
Conc: 45.14 ng/ml



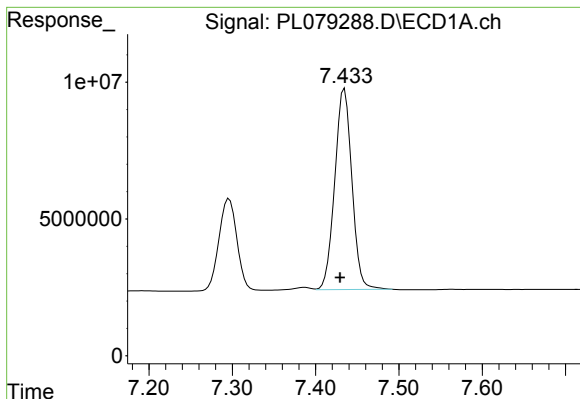
#20 Methoxychlor

R.T.: 7.296 min  
Delta R.T.: 0.006 min  
Response: 50201130  
Conc: 47.09 ng/ml



#20 Methoxychlor

R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 57284883  
Conc: 43.36 ng/ml



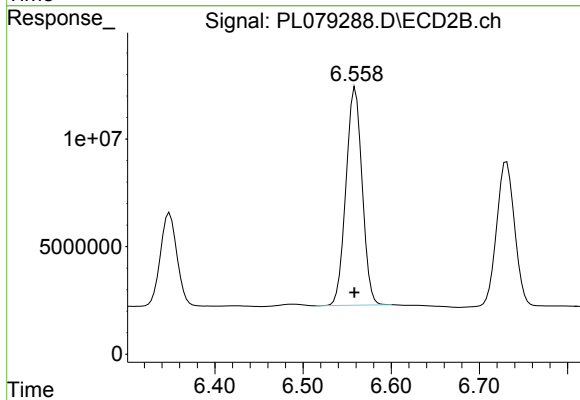
#21 Endrin ketone

R.T.: 7.435 min  
Delta R.T.: 0.006 min  
Response: 105211395  
Conc: 50.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

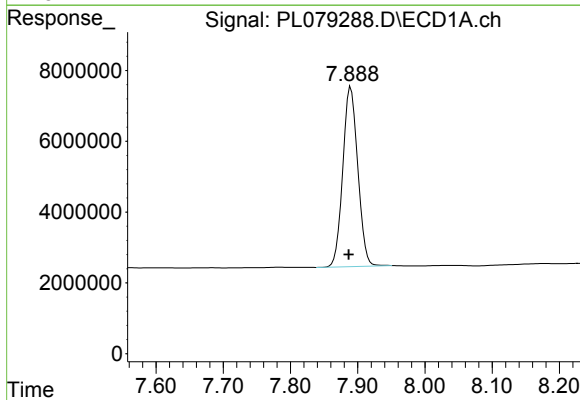
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/21/2022  
Supervised By :Ankita Jodhani 11/21/2022



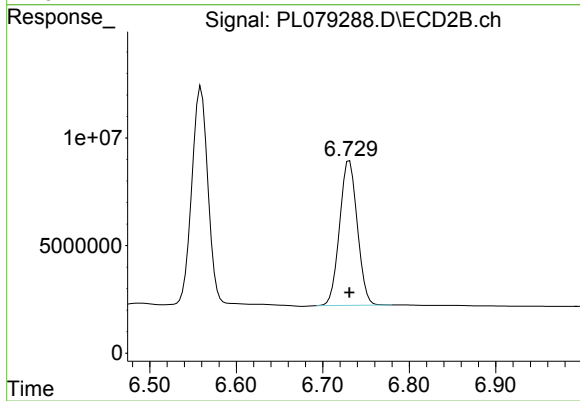
#21 Endrin ketone

R.T.: 6.559 min  
Delta R.T.: 0.001 min  
Response: 129079881  
Conc: 45.63 ng/ml



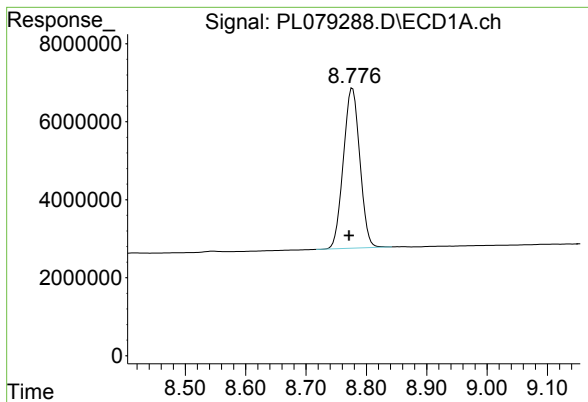
#22 Mirex

R.T.: 7.890 min  
Delta R.T.: 0.003 min  
Response: 78460243  
Conc: 49.27 ng/ml



#22 Mirex

R.T.: 6.731 min  
Delta R.T.: 0.000 min  
Response: 95165662  
Conc: 44.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.777 min  
Delta R.T.: 0.005 min  
Response: 77686930  
Conc: 46.44 ng/ml

Instrument :

ECD\_L

ClientSampleId :

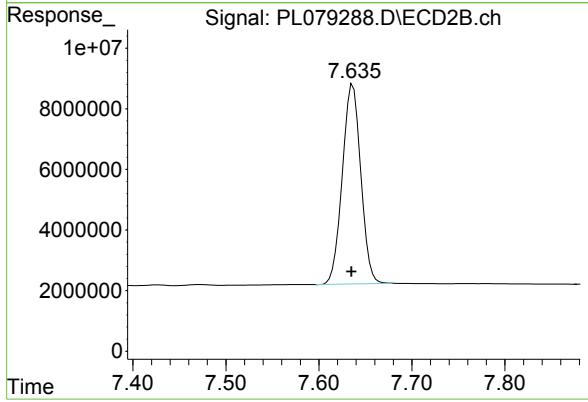
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/21/2022

Supervised By :Ankita Jodhani 11/21/2022



#28 Decachlorobiphenyl

R.T.: 7.637 min  
Delta R.T.: 0.002 min  
Response: 91010245  
Conc: 43.87 ng/ml