

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030322\  
 Data File : PD068283.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Mar 2022 12:42  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/03/2022  
 Supervised By : Ankita Jodhani 03/03/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 03 00:27:52 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 01 06:48:49 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|---------|--------|
| -----                       |                 |       |       |          |         |         |        |
| System Monitoring Compounds |                 |       |       |          |         |         |        |
| 1)                          | SA Tetrachlo... | 3.457 | 4.178 | 65640444 | 504.9E6 | 55.995  | 52.601 |
| 28)                         | SA Decachlor... | 8.223 | 9.378 | 67323506 | 319.1E6 | 57.852  | 53.826 |
| Target Compounds            |                 |       |       |          |         |         |        |
| 2)                          | A alpha-BHC     | 3.898 | 4.574 | 101.1E6  | 742.1E6 | 58.925  | 54.086 |
| 3)                          | MA gamma-BHC... | 4.182 | 4.865 | 93222137 | 667.6E6 | 58.540  | 53.838 |
| 4)                          | MA Heptachlor   | 4.481 | 5.393 | 85839572 | 604.6E6 | 56.861  | 53.375 |
| 5)                          | MB Aldrin       | 4.730 | 5.706 | 91201827 | 636.1E6 | 58.232  | 53.801 |
| 6)                          | B beta-BHC      | 4.431 | 5.028 | 39122097 | 288.3E6 | 55.757m | 53.340 |
| 7)                          | B delta-BHC     | 4.637 | 5.254 | 94302840 | 669.1E6 | 58.447  | 53.793 |
| 8)                          | B Heptachlo...  | 5.175 | 6.094 | 83667601 | 570.2E6 | 57.390  | 53.203 |
| 9)                          | A Endosulfan I  | 5.514 | 6.457 | 78196849 | 519.8E6 | 57.339  | 53.865 |
| 10)                         | B gamma-Chl...  | 5.401 | 6.331 | 85570996 | 569.7E6 | 57.482  | 53.877 |
| 11)                         | B alpha-Chl...  | 5.460 | 6.406 | 84148097 | 553.1E6 | 57.266  | 53.656 |
| 12)                         | B 4,4'-DDE      | 5.626 | 6.556 | 80344126 | 526.5E6 | 58.903  | 53.858 |
| 13)                         | MA Dieldrin     | 5.757 | 6.716 | 85230995 | 552.9E6 | 57.961  | 53.654 |
| 14)                         | MA Endrin       | 6.015 | 6.937 | 68241024 | 390.5E6 | 55.241  | 50.777 |
| 15)                         | B Endosulfa...  | 6.289 | 7.141 | 72895274 | 439.6E6 | 57.293  | 53.500 |
| 16)                         | A 4,4'-DDD      | 6.143 | 7.047 | 68882519 | 421.4E6 | 58.083  | 53.545 |
| 17)                         | MA 4,4'-DDT     | 6.385 | 7.350 | 63784434 | 378.1E6 | 57.840  | 53.435 |
| 18)                         | B Endrin al...  | 6.459 | 7.265 | 51976624 | 326.5E6 | 56.711  | 54.254 |
| 19)                         | B Endosulfa...  | 6.672 | 7.490 | 71132936 | 412.7E6 | 56.445  | 53.042 |
| 20)                         | A Methoxychlor  | 6.936 | 7.803 | 35135330 | 181.6E6 | 54.146  | 52.257 |
| 21)                         | B Endrin ke...  | 7.165 | 7.966 | 85489756 | 454.0E6 | 58.067  | 54.087 |
| 22)                         | Mirex           | 7.351 | 8.432 | 69344822 | 335.9E6 | 54.709  | 52.526 |
| -----                       |                 |       |       |          |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030322\  
 Data File : PD068283.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Mar 2022 12:42  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

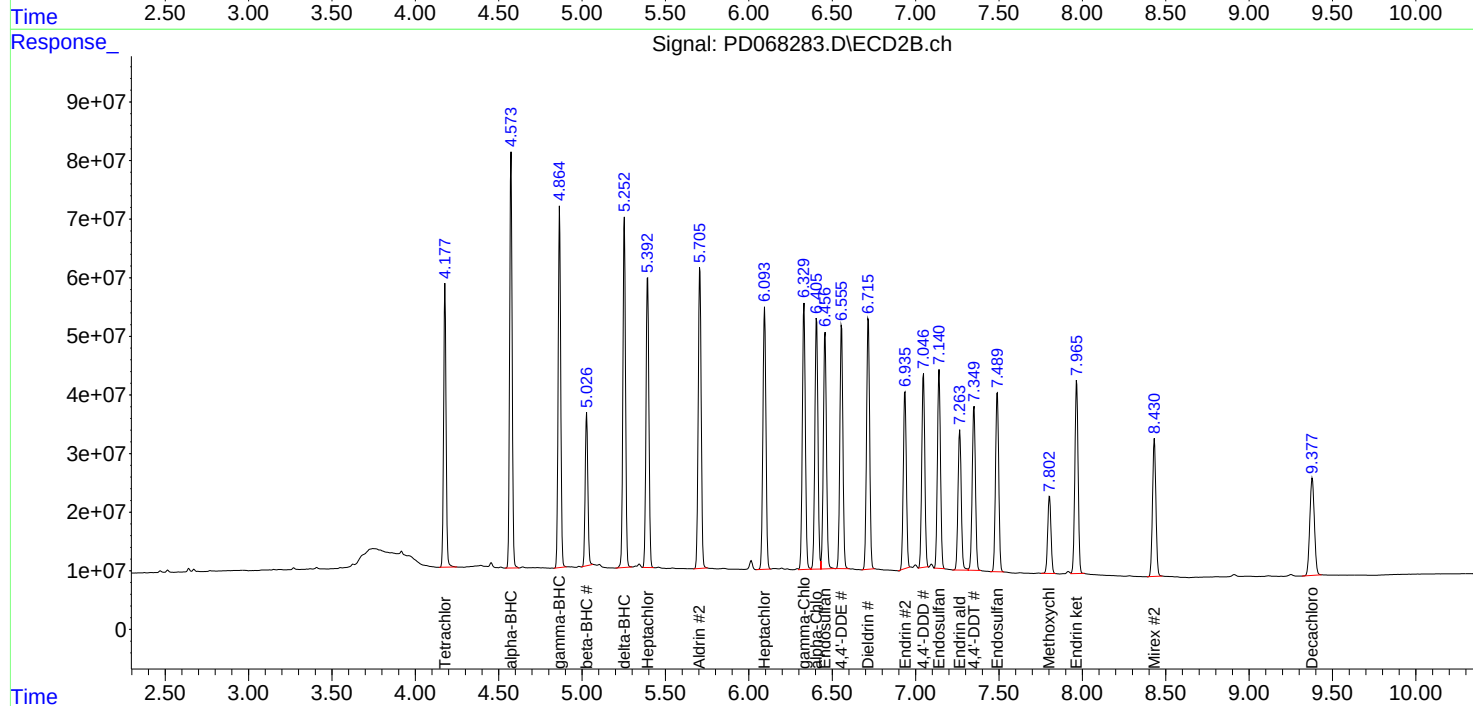
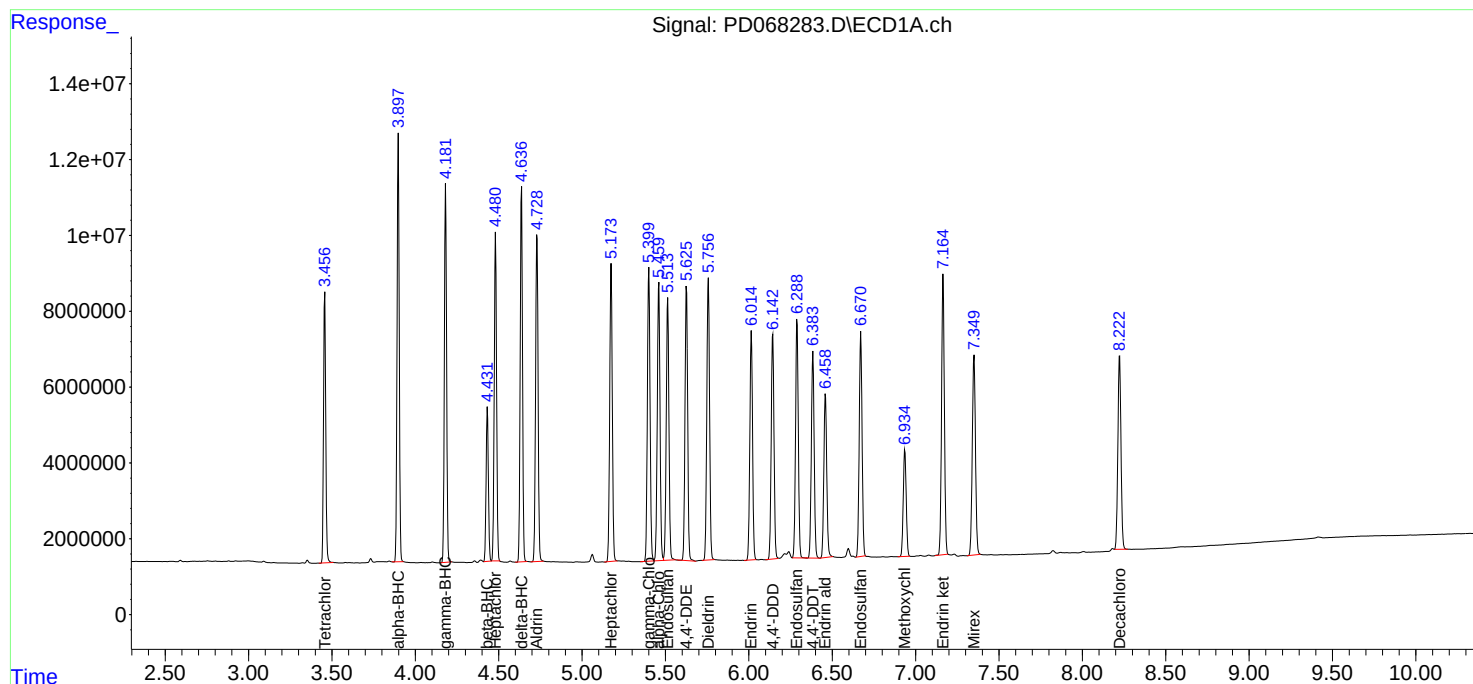
## APPROVED

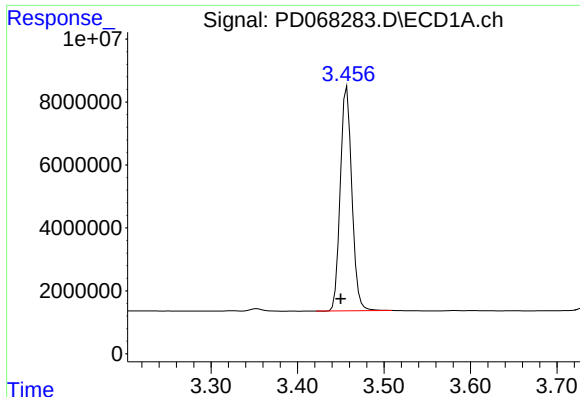
Reviewed By :Abdul Mirza 03/03/2022

Supervised By :Ankita Jodhani 03/03/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 03 00:27:52 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
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Volume Inj. : 2 µl  
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





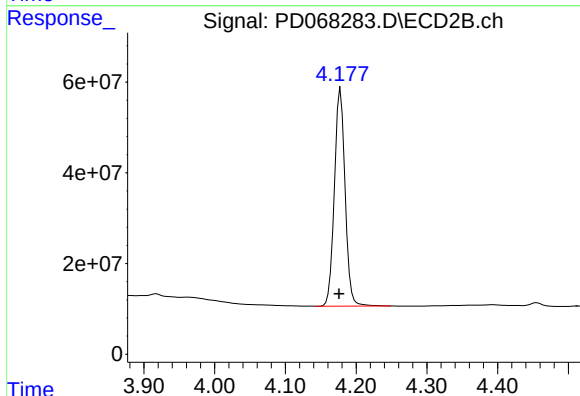
#1 Tetrachloro-m-xylene

R.T.: 3.457 min  
Delta R.T.: 0.007 min  
Response: 65640444  
Conc: 56.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

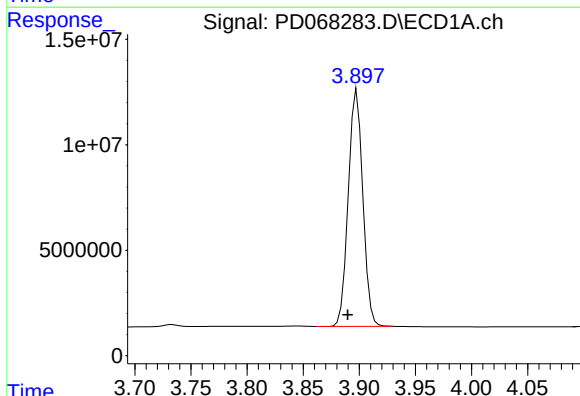
Manual Integrations  
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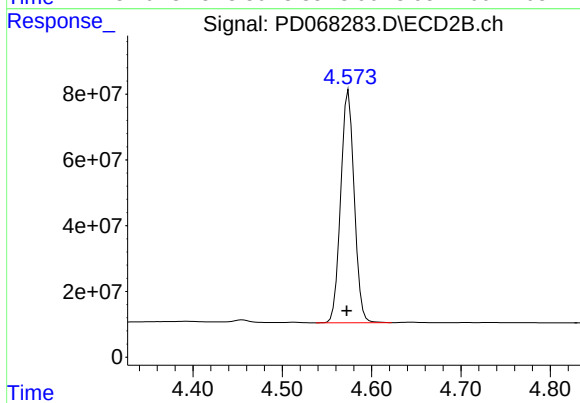
#1 Tetrachloro-m-xylene

R.T.: 4.178 min  
Delta R.T.: 0.002 min  
Response: 504865062  
Conc: 52.60 ng/ml



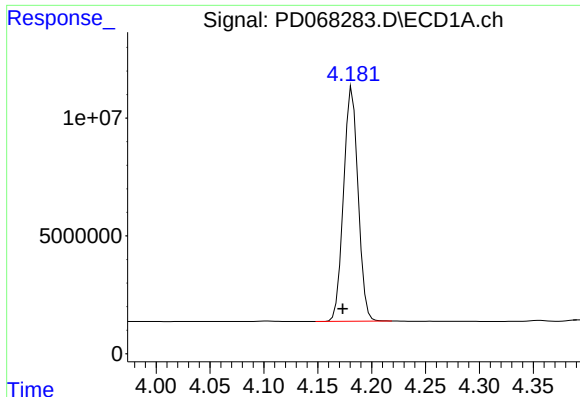
#2 alpha-BHC

R.T.: 3.898 min  
Delta R.T.: 0.008 min  
Response: 101110647  
Conc: 58.93 ng/ml



#2 alpha-BHC

R.T.: 4.574 min  
Delta R.T.: 0.002 min  
Response: 742148282  
Conc: 54.09 ng/ml



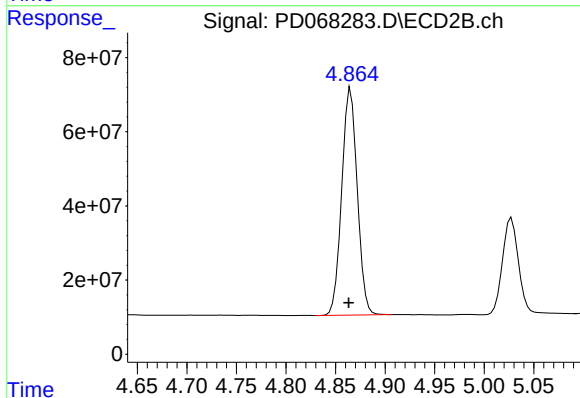
#3 gamma-BHC (Lindane)

R.T.: 4.182 min  
Delta R.T.: 0.009 min  
Response: 93222137  
Conc: 58.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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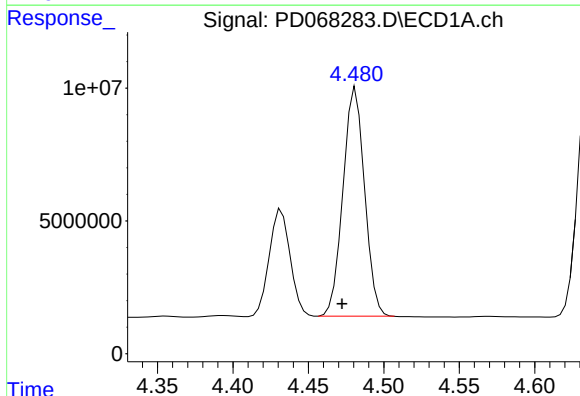
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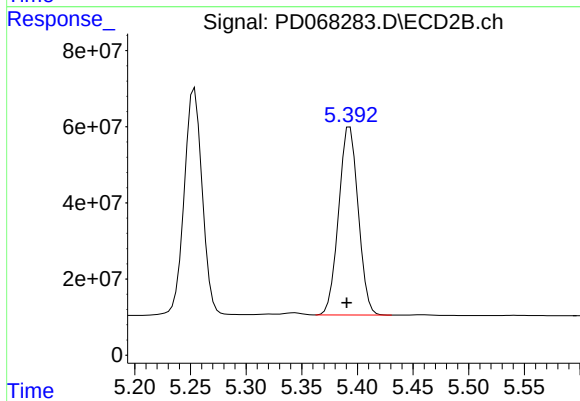
#3 gamma-BHC (Lindane)

R.T.: 4.865 min  
Delta R.T.: 0.002 min  
Response: 667570959  
Conc: 53.84 ng/ml



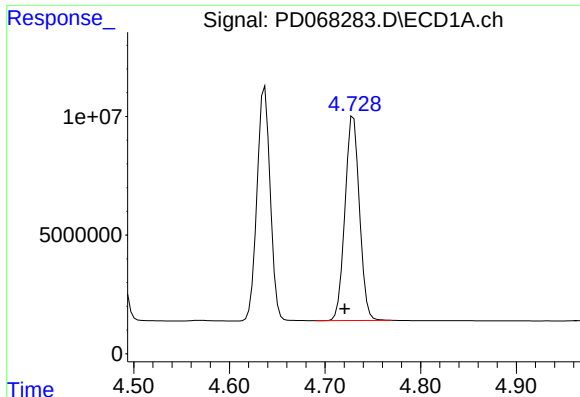
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: 0.009 min  
Response: 85839572  
Conc: 56.86 ng/ml



#4 Heptachlor

R.T.: 5.393 min  
Delta R.T.: 0.003 min  
Response: 604571136  
Conc: 53.38 ng/ml



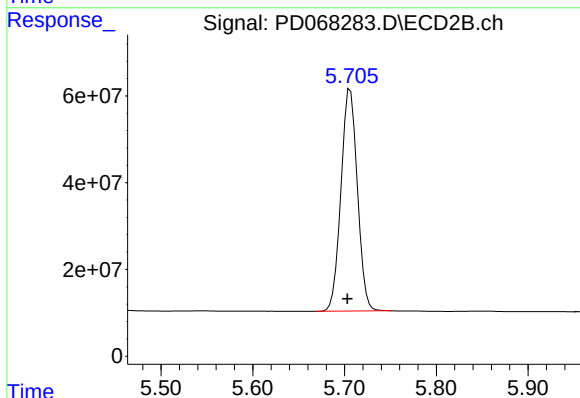
#5 Aldrin

R.T.: 4.730 min  
Delta R.T.: 0.009 min  
Response: 91201827  
Conc: 58.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

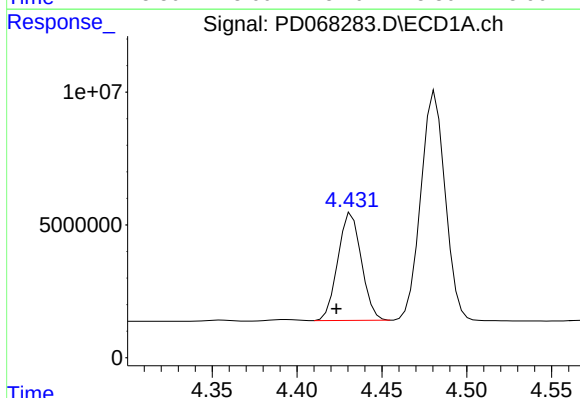
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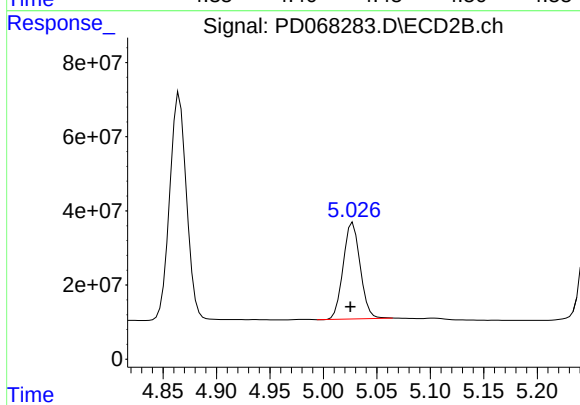
#5 Aldrin

R.T.: 5.706 min  
Delta R.T.: 0.003 min  
Response: 636119260  
Conc: 53.80 ng/ml



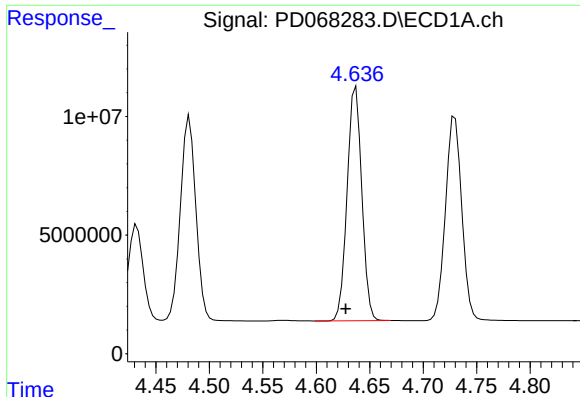
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.008 min  
Response: 39122097  
Conc: 55.76 ng/ml m



#6 beta-BHC

R.T.: 5.028 min  
Delta R.T.: 0.002 min  
Response: 288329136  
Conc: 53.34 ng/ml



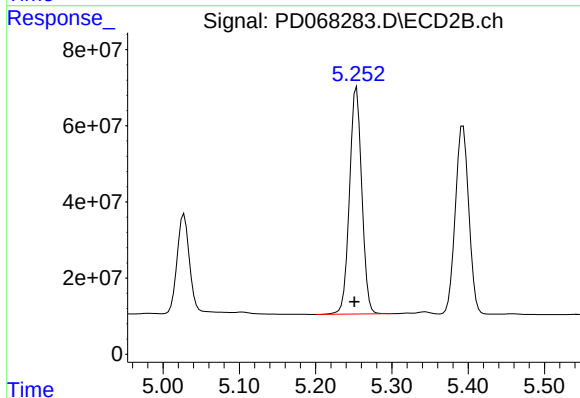
#7 delta-BHC

R.T.: 4.637 min  
Delta R.T.: 0.009 min  
Response: 94302840  
Conc: 58.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

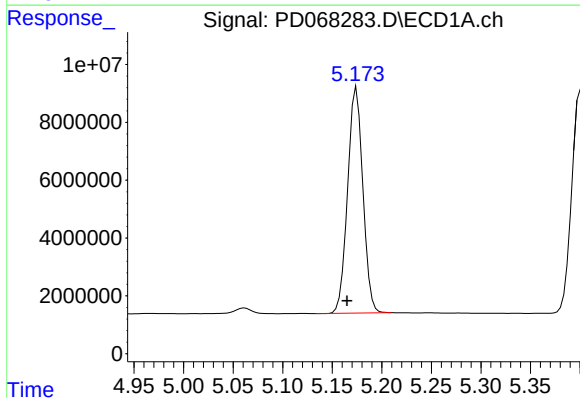
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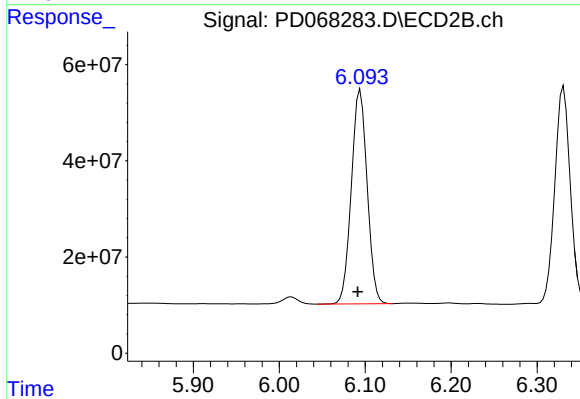
#7 delta-BHC

R.T.: 5.254 min  
Delta R.T.: 0.003 min  
Response: 669087341  
Conc: 53.79 ng/ml



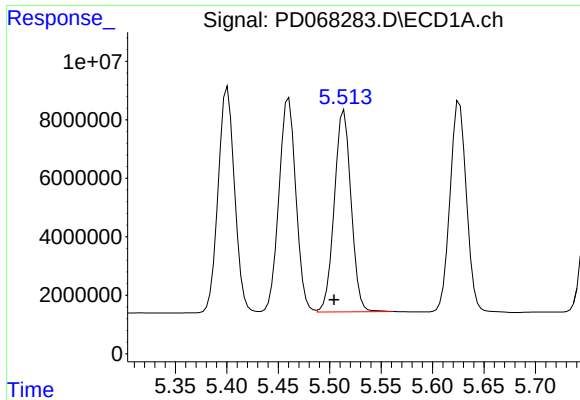
#8 Heptachlor epoxide

R.T.: 5.175 min  
Delta R.T.: 0.010 min  
Response: 83667601  
Conc: 57.39 ng/ml



#8 Heptachlor epoxide

R.T.: 6.094 min  
Delta R.T.: 0.003 min  
Response: 570211498  
Conc: 53.20 ng/ml



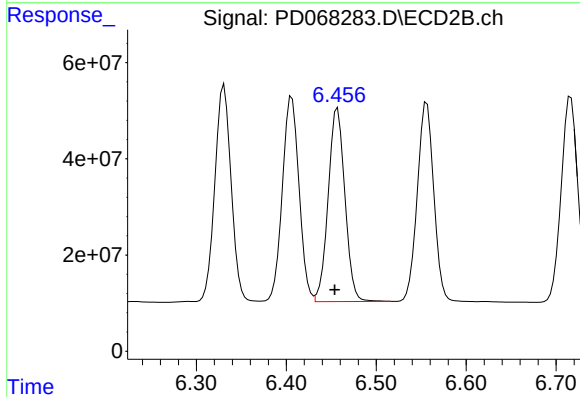
#9 Endosulfan I

R.T.: 5.514 min  
Delta R.T.: 0.010 min  
Response: 78196849  
Conc: 57.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

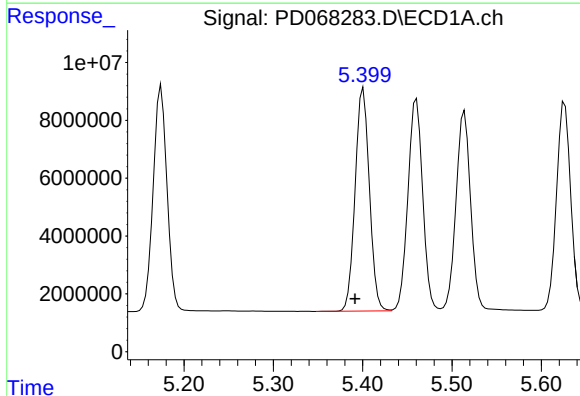
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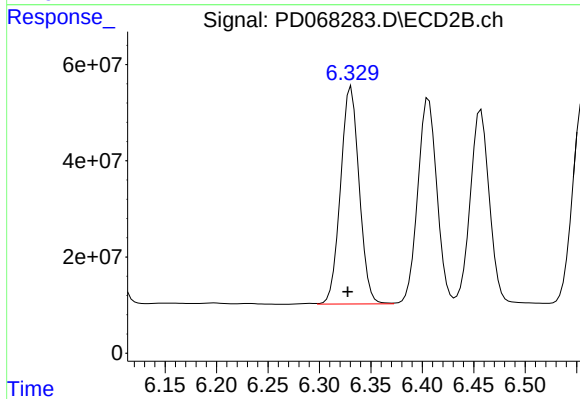
#9 Endosulfan I

R.T.: 6.457 min  
Delta R.T.: 0.003 min  
Response: 519750236  
Conc: 53.86 ng/ml



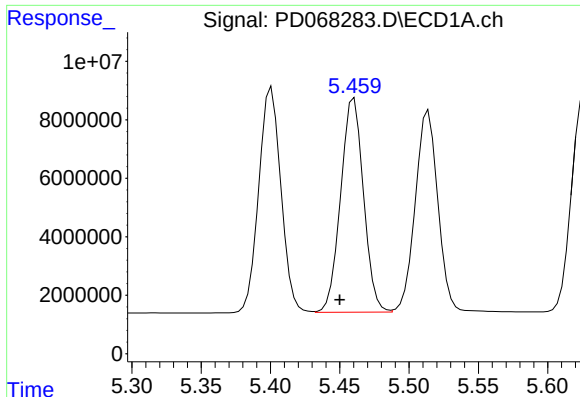
#10 gamma-Chlordane

R.T.: 5.401 min  
Delta R.T.: 0.009 min  
Response: 85570996  
Conc: 57.48 ng/ml



#10 gamma-Chlordane

R.T.: 6.331 min  
Delta R.T.: 0.003 min  
Response: 569695816  
Conc: 53.88 ng/ml



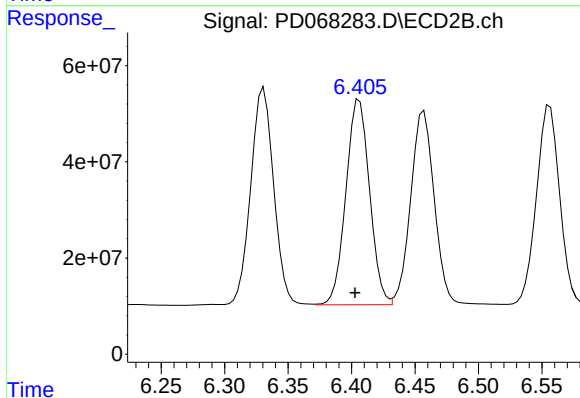
#11 alpha-Chlordane

R.T.: 5.460 min  
Delta R.T.: 0.010 min  
Response: 84148097  
Conc: 57.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

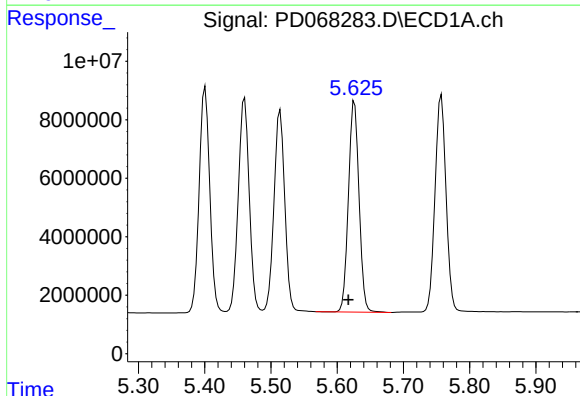
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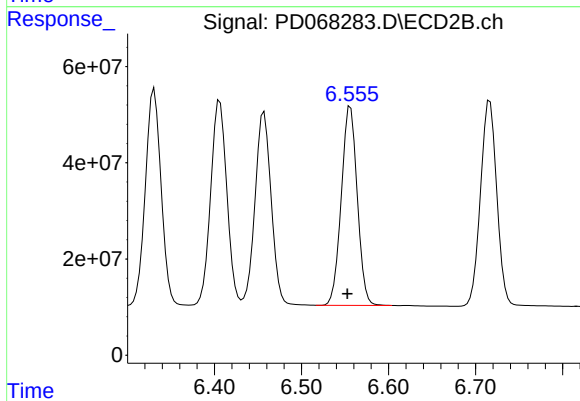
#11 alpha-Chlordane

R.T.: 6.406 min  
Delta R.T.: 0.003 min  
Response: 553056386  
Conc: 53.66 ng/ml



#12 4,4'-DDE

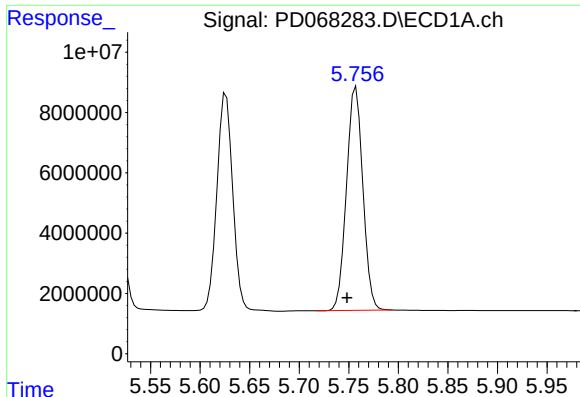
R.T.: 5.626 min  
Delta R.T.: 0.010 min  
Response: 80344126  
Conc: 58.90 ng/ml



#12 4,4'-DDE

R.T.: 6.556 min  
Delta R.T.: 0.004 min  
Response: 526529674  
Conc: 53.86 ng/ml





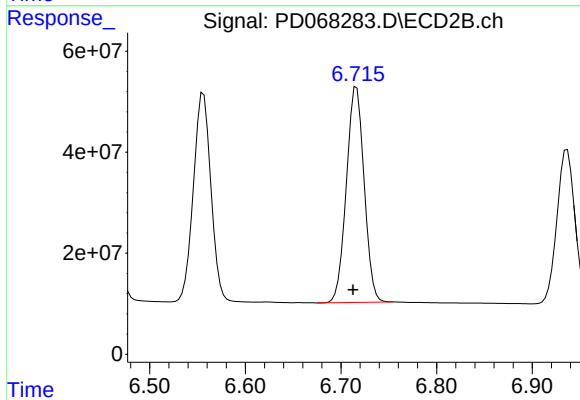
#13 Dieldrin

R.T.: 5.757 min  
Delta R.T.: 0.009 min  
Response: 85230995  
Conc: 57.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

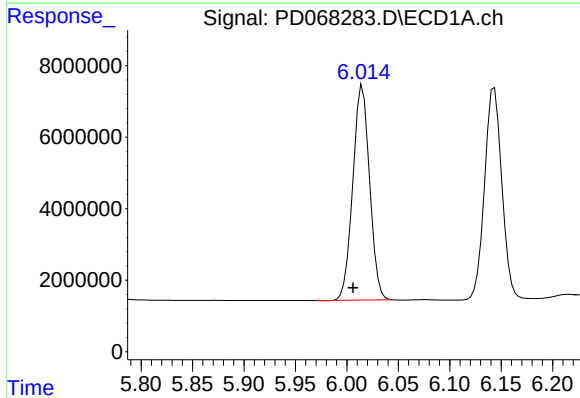
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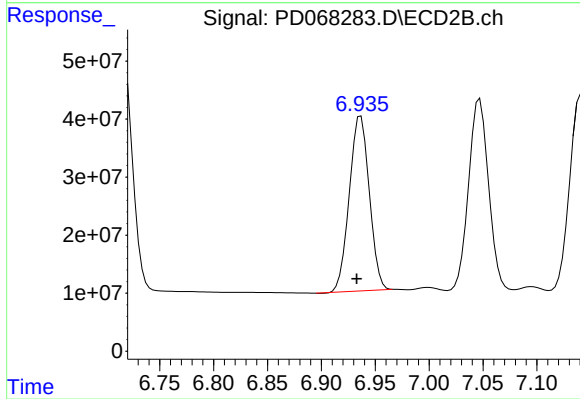
#13 Dieldrin

R.T.: 6.716 min  
Delta R.T.: 0.004 min  
Response: 552921078  
Conc: 53.65 ng/ml



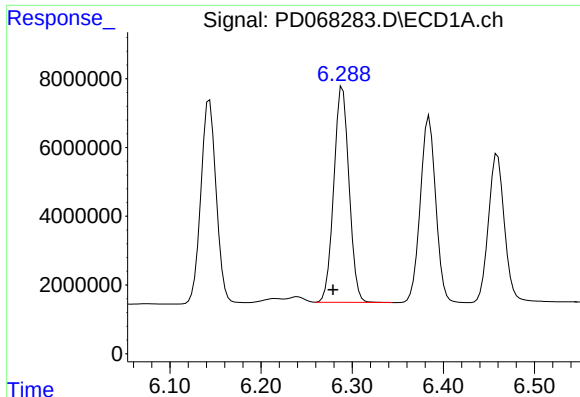
#14 Endrin

R.T.: 6.015 min  
Delta R.T.: 0.009 min  
Response: 68241024  
Conc: 55.24 ng/ml



#14 Endrin

R.T.: 6.937 min  
Delta R.T.: 0.004 min  
Response: 390500236  
Conc: 50.78 ng/ml



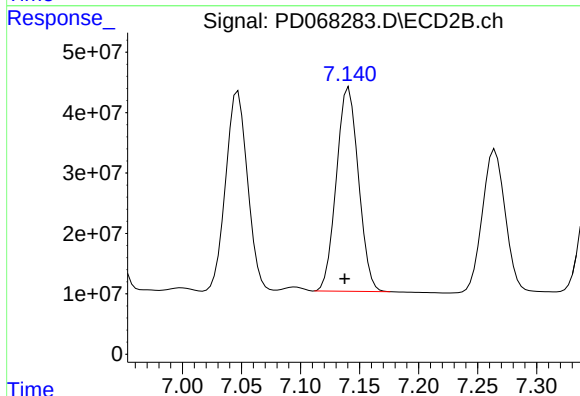
#15 Endosulfan II

R.T.: 6.289 min  
Delta R.T.: 0.010 min  
Response: 72895274  
Conc: 57.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

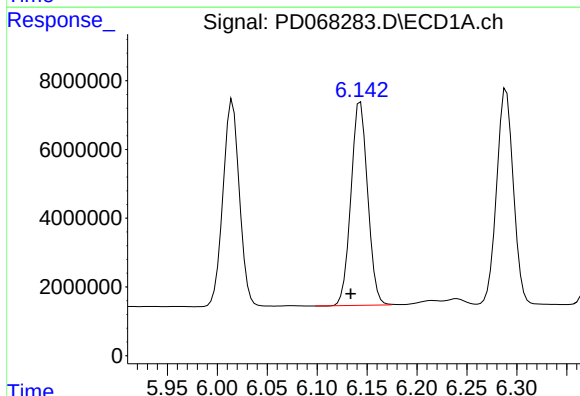
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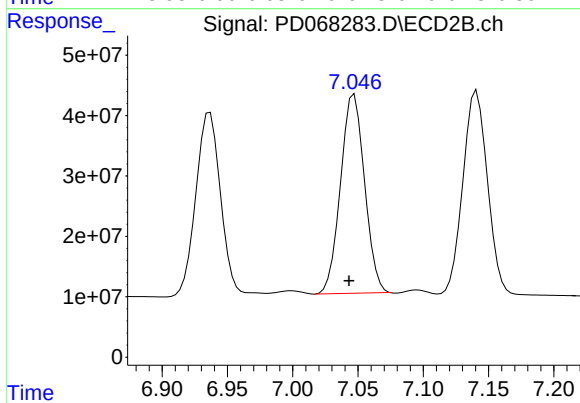
#15 Endosulfan II

R.T.: 7.141 min  
Delta R.T.: 0.004 min  
Response: 439619141  
Conc: 53.50 ng/ml



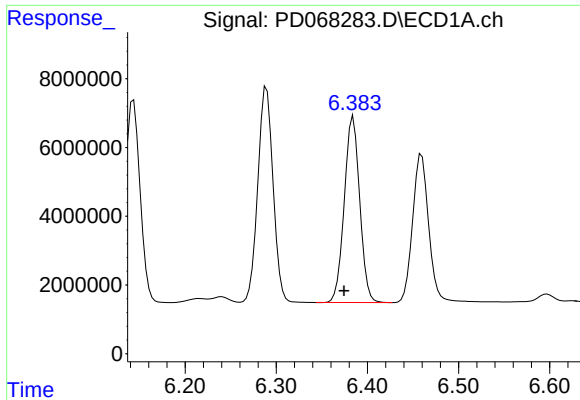
#16 4,4'-DDD

R.T.: 6.143 min  
Delta R.T.: 0.010 min  
Response: 68882519  
Conc: 58.08 ng/ml



#16 4,4'-DDD

R.T.: 7.047 min  
Delta R.T.: 0.004 min  
Response: 421408173  
Conc: 53.55 ng/ml



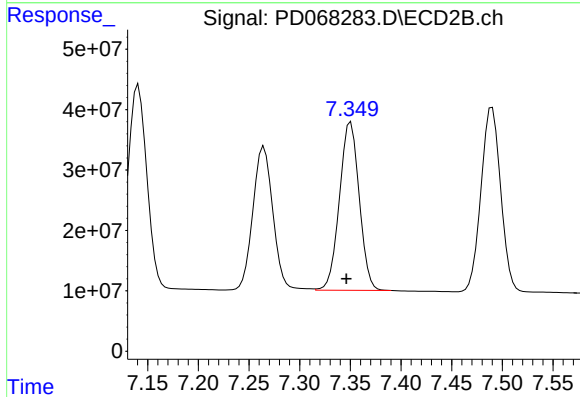
#17 4,4'-DDT

R.T.: 6.385 min  
Delta R.T.: 0.010 min  
Response: 63784434  
Conc: 57.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

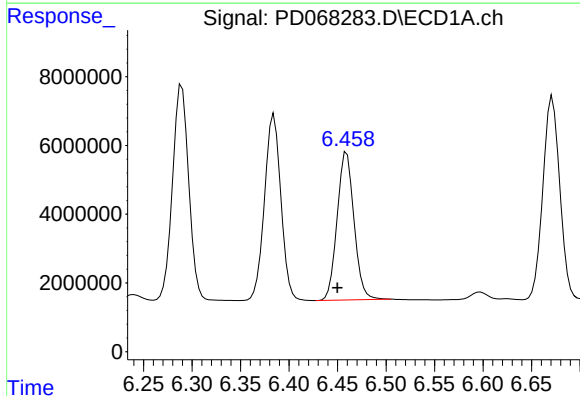
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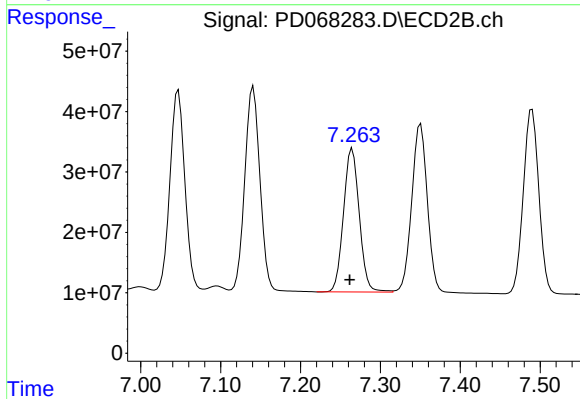
#17 4,4'-DDT

R.T.: 7.350 min  
Delta R.T.: 0.004 min  
Response: 378077449  
Conc: 53.43 ng/ml



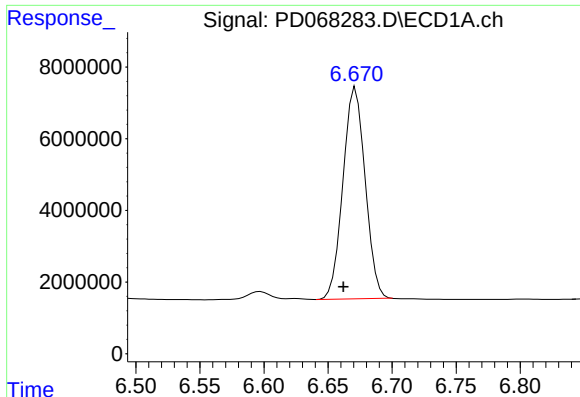
#18 Endrin aldehyde

R.T.: 6.459 min  
Delta R.T.: 0.010 min  
Response: 51976624  
Conc: 56.71 ng/ml



#18 Endrin aldehyde

R.T.: 7.265 min  
Delta R.T.: 0.003 min  
Response: 326472710  
Conc: 54.25 ng/ml



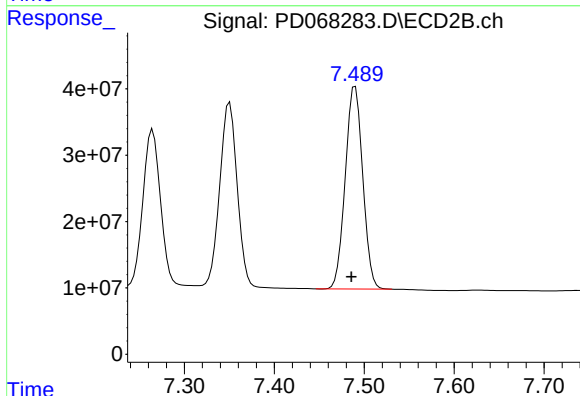
#19 Endosulfan Sulfate

R.T.: 6.672 min  
Delta R.T.: 0.010 min  
Response: 71132936  
Conc: 56.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

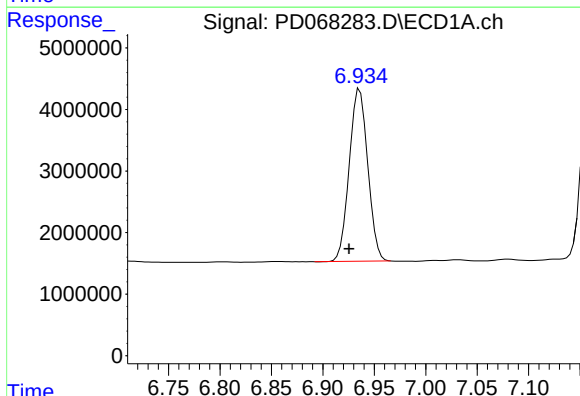
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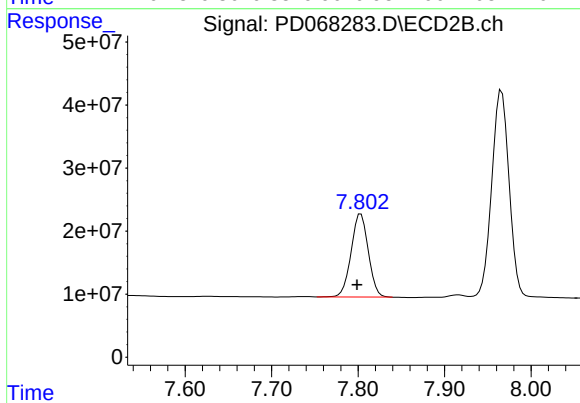
#19 Endosulfan Sulfate

R.T.: 7.490 min  
Delta R.T.: 0.004 min  
Response: 412681980  
Conc: 53.04 ng/ml



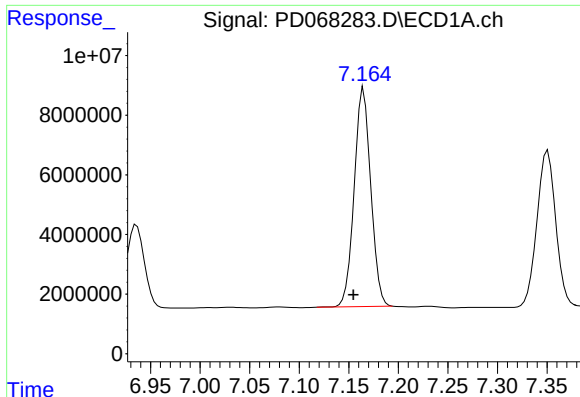
#20 Methoxychlor

R.T.: 6.936 min  
Delta R.T.: 0.010 min  
Response: 35135330  
Conc: 54.15 ng/ml



#20 Methoxychlor

R.T.: 7.803 min  
Delta R.T.: 0.004 min  
Response: 181564152  
Conc: 52.26 ng/ml



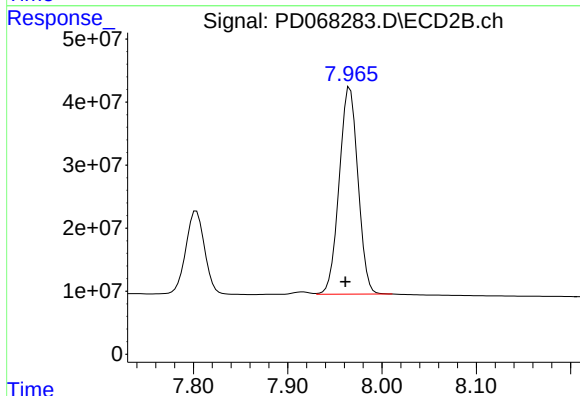
#21 Endrin ketone

R.T.: 7.165 min  
Delta R.T.: 0.010 min  
Response: 85489756  
Conc: 58.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

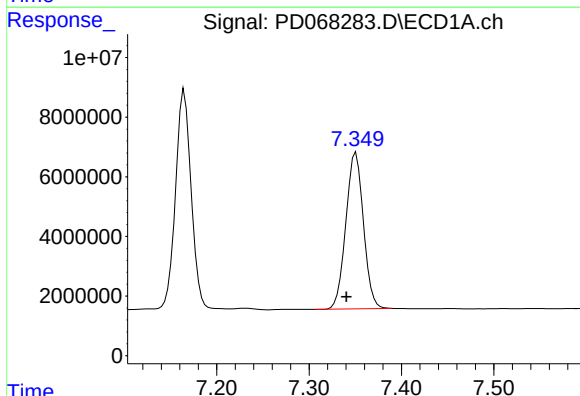
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/03/2022  
Supervised By :Ankita Jodhani 03/03/2022



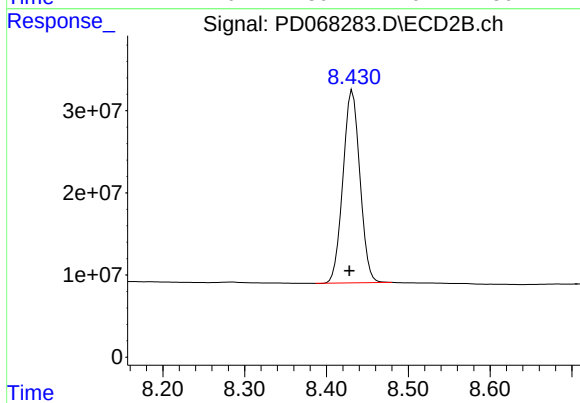
#21 Endrin ketone

R.T.: 7.966 min  
Delta R.T.: 0.005 min  
Response: 454045960  
Conc: 54.09 ng/ml



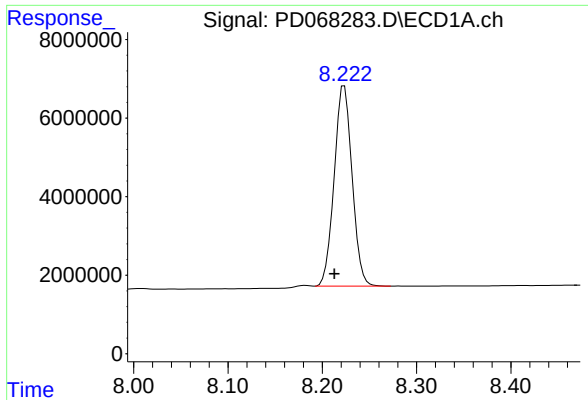
#22 Mirex

R.T.: 7.351 min  
Delta R.T.: 0.010 min  
Response: 69344822  
Conc: 54.71 ng/ml



#22 Mirex

R.T.: 8.432 min  
Delta R.T.: 0.004 min  
Response: 335941282  
Conc: 52.53 ng/ml



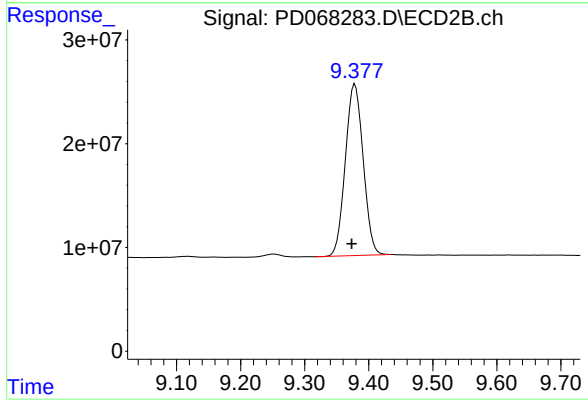
#28 Decachlorobiphenyl

R.T.: 8.223 min  
Delta R.T.: 0.011 min  
Response: 67323506  
Conc: 57.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/03/2022  
Supervised By :Ankita Jodhani 03/03/2022



#28 Decachlorobiphenyl

R.T.: 9.378 min  
Delta R.T.: 0.005 min  
Response: 319121218  
Conc: 53.83 ng/ml