

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062923\  
 Data File : PD076215.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jun 2023 10:37  
 Operator : AR\AJ  
 Sample : PB153728BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB153728BSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
 Supervised By :Ankita Jodhani 06/30/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 29 20:21:53 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.552 | 2.765 | 41415565 | 21575923 | 19.443  | 19.887  |
| 28)                         | SA Decachlor... | 9.096 | 7.912 | 49458765 | 21775014 | 19.523  | 22.269  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.009 | 3.268 | 42866595 | 20114534 | 11.610  | 12.574  |
| 3)                          | MA gamma-BHC... | 4.343 | 3.598 | 39546160 | 19009845 | 11.753  | 12.902  |
| 4)                          | MA Heptachlor   | 4.934 | 3.938 | 42423228 | 19612864 | 11.828  | 12.913  |
| 5)                          | MB Aldrin       | 5.277 | 4.217 | 41302409 | 18869625 | 11.786  | 12.654m |
| 6)                          | B beta-BHC      | 4.540 | 3.895 | 18278435 | 9140913  | 12.713  | 14.341  |
| 7)                          | B delta-BHC     | 4.787 | 4.125 | 42254068 | 19444664 | 12.713  | 13.420  |
| 8)                          | B Heptachlo...  | 5.704 | 4.721 | 43834805 | 17774318 | 13.604  | 12.940  |
| 9)                          | A Endosulfan I  | 6.091 | 5.092 | 37242326 | 16237849 | 12.416  | 12.704  |
| 10)                         | B gamma-Chl...  | 5.960 | 4.972 | 38657506 | 18098334 | 12.000m | 13.190  |
| 11)                         | B alpha-Chl...  | 6.039 | 5.036 | 39300311 | 18255055 | 12.156m | 13.308  |
| 12)                         | B 4,4'-DDE      | 6.213 | 5.226 | 33906905 | 15857463 | 11.863  | 14.207  |
| 13)                         | MA Dieldrin     | 6.367 | 5.357 | 37134164 | 18010784 | 11.883  | 13.350  |
| 14)                         | MA Endrin       | 6.598 | 5.633 | 29890169 | 15978528 | 11.177  | 13.130  |
| 15)                         | B Endosulfa...  | 6.816 | 5.927 | 31257549 | 14646589 | 12.098  | 13.576  |
| 16)                         | A 4,4'-DDD      | 6.730 | 5.781 | 28652131 | 13441047 | 12.591  | 15.252  |
| 17)                         | MA 4,4'-DDT     | 7.046 | 6.032 | 26042428 | 10672778 | 11.476  | 13.139  |
| 18)                         | B Endrin al...  | 6.947 | 6.107 | 24377752 | 11800246 | 12.149  | 13.634  |
| 19)                         | B Endosulfa...  | 7.181 | 6.330 | 31298698 | 15097015 | 12.423  | 13.971  |
| 20)                         | A Methoxychlor  | 7.521 | 6.608 | 15886835 | 6658435  | 12.274  | 14.386  |
| 21)                         | B Endrin ke...  | 7.668 | 6.837 | 37411514 | 16531817 | 13.429  | 13.607  |
| 22)                         | Mirex           | 8.143 | 7.019 | 27148871 | 14537909 | 12.671  | 13.869  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062923\  
Data File : PD076215.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jun 2023 10:37  
Operator : AR\AJ  
Sample : PB153728BSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

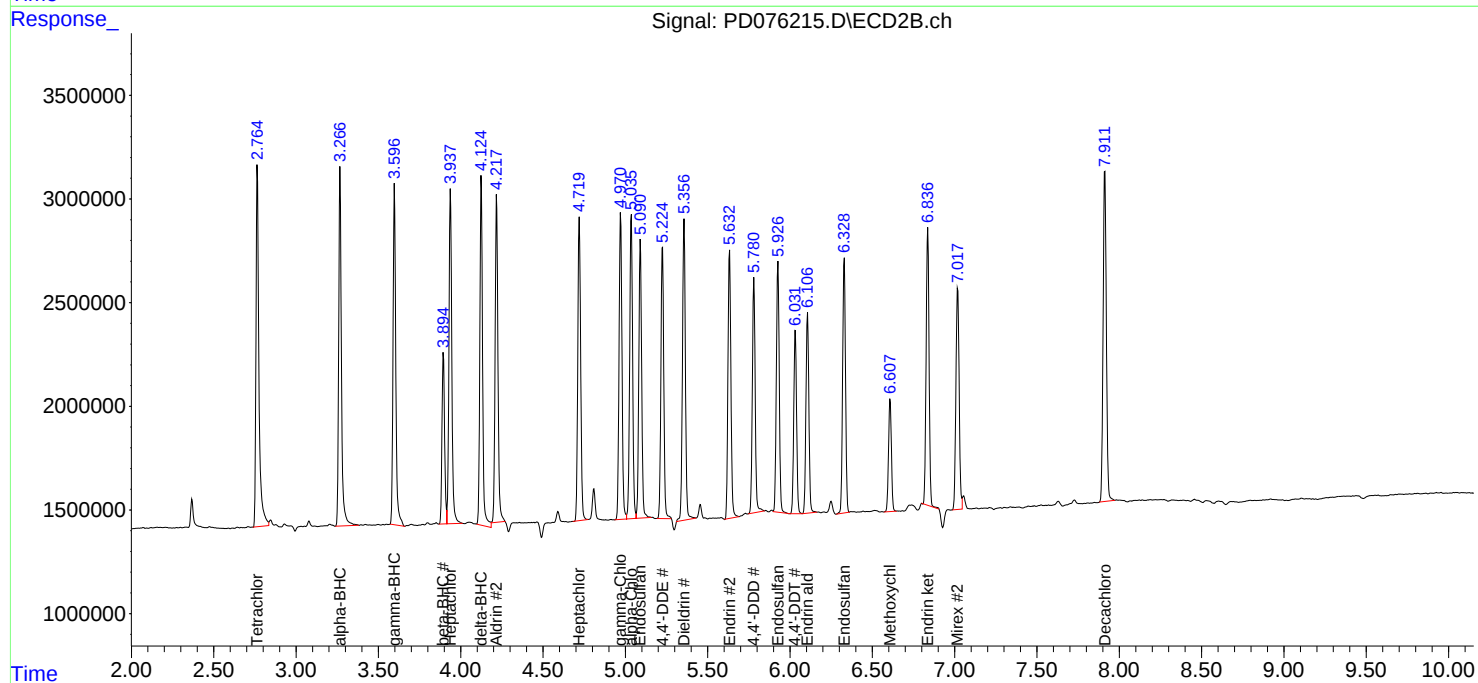
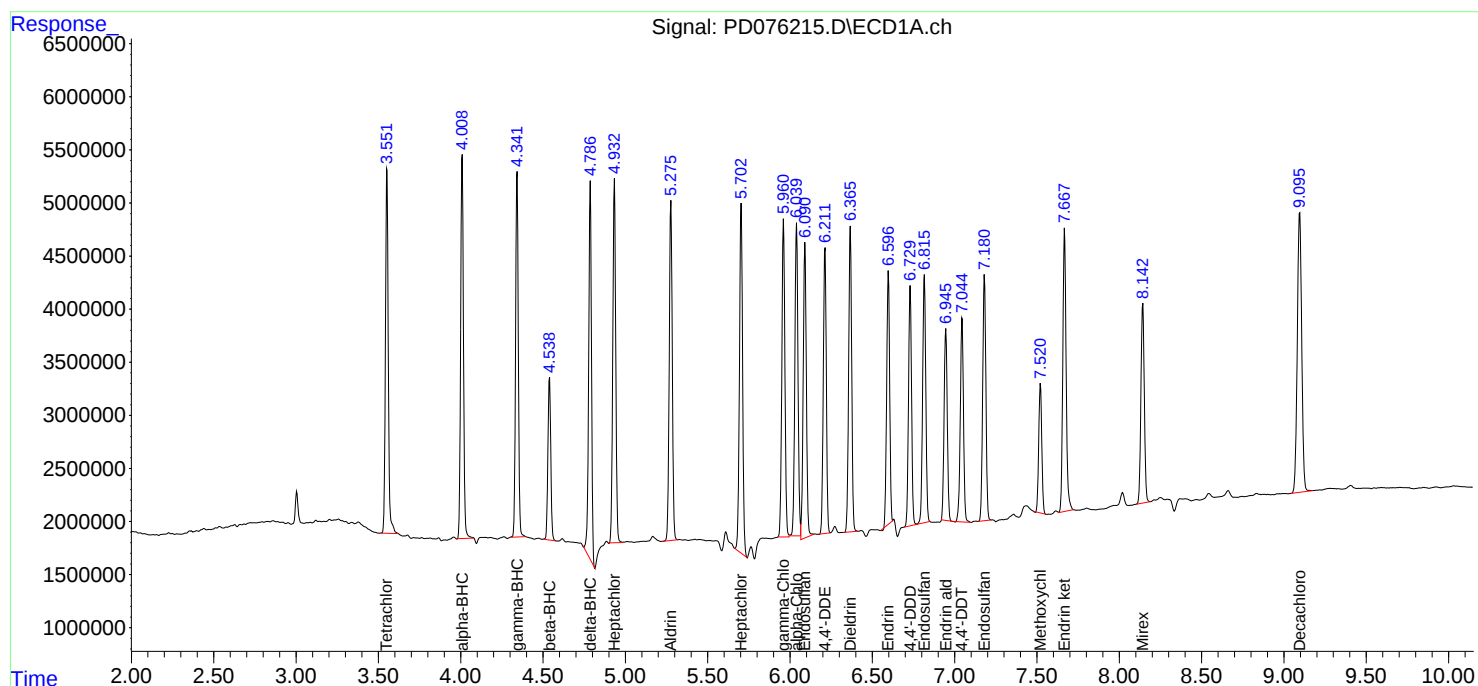
Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

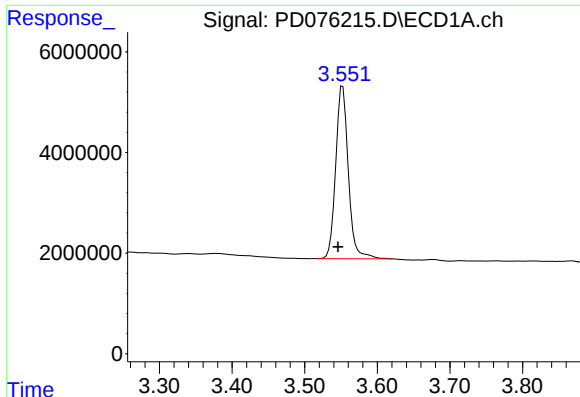
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 29 20:21:53 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





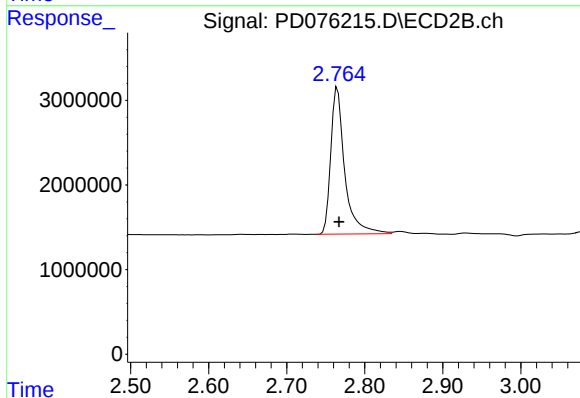
#1 Tetrachloro-m-xylene

R.T.: 3.552 min  
Delta R.T.: 0.006 min  
Response: 41415565  
Conc: 19.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

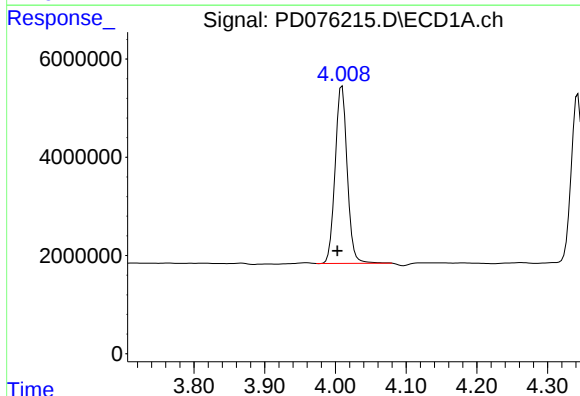
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



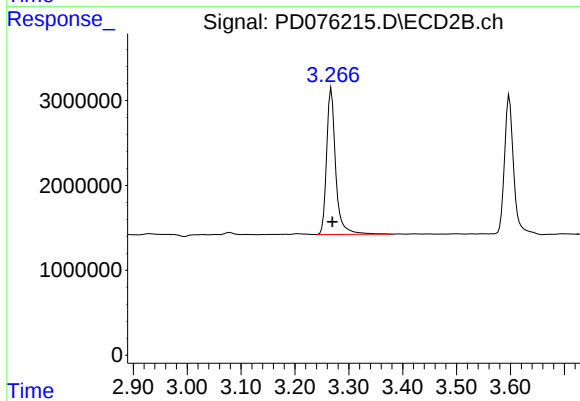
#1 Tetrachloro-m-xylene

R.T.: 2.765 min  
Delta R.T.: -0.002 min  
Response: 21575923  
Conc: 19.89 ng/ml



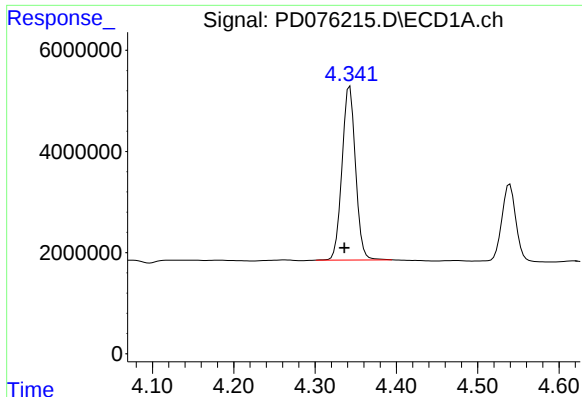
#2 alpha-BHC

R.T.: 4.009 min  
Delta R.T.: 0.007 min  
Response: 42866595  
Conc: 11.61 ng/ml



#2 alpha-BHC

R.T.: 3.268 min  
Delta R.T.: -0.002 min  
Response: 20114534  
Conc: 12.57 ng/ml



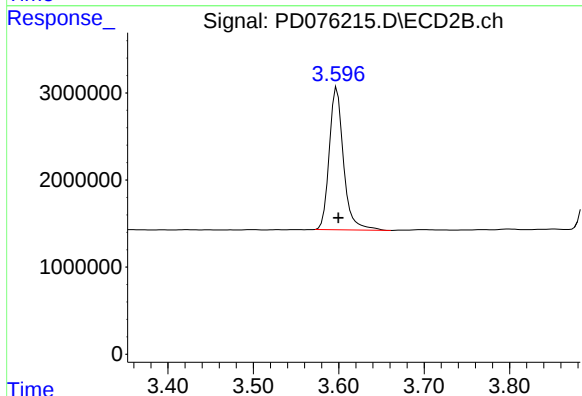
#3 gamma-BHC (Lindane)

R.T.: 4.343 min  
Delta R.T.: 0.007 min  
Response: 39546160  
Conc: 11.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

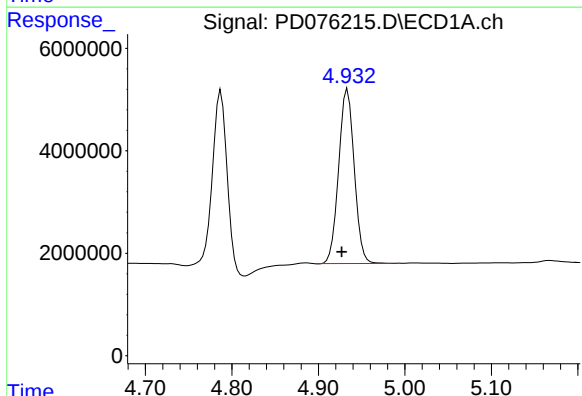
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



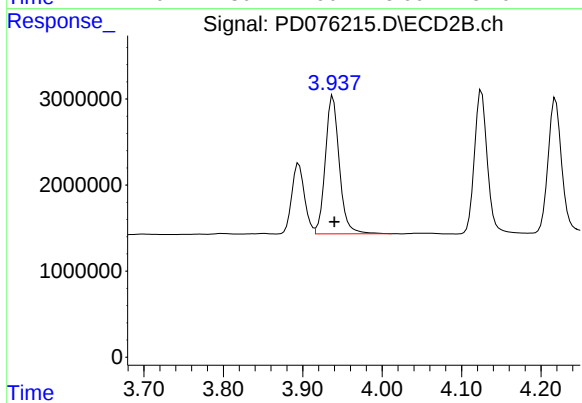
#3 gamma-BHC (Lindane)

R.T.: 3.598 min  
Delta R.T.: -0.002 min  
Response: 19009845  
Conc: 12.90 ng/ml



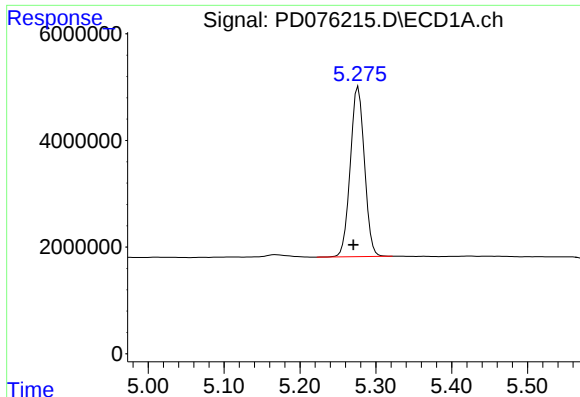
#4 Heptachlor

R.T.: 4.934 min  
Delta R.T.: 0.007 min  
Response: 42423228  
Conc: 11.83 ng/ml



#4 Heptachlor

R.T.: 3.938 min  
Delta R.T.: -0.002 min  
Response: 19612864  
Conc: 12.91 ng/ml



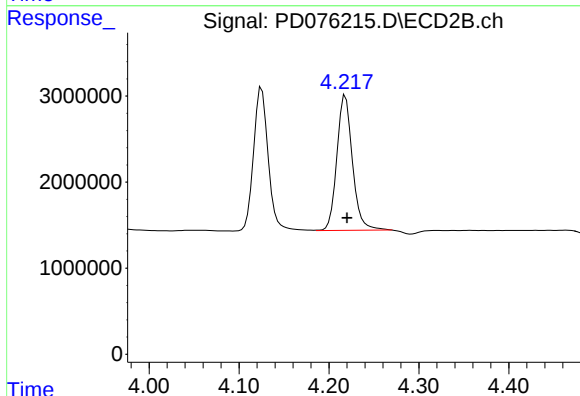
#5 Aldrin

R.T.: 5.277 min  
Delta R.T.: 0.006 min  
Response: 41302409  
Conc: 11.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

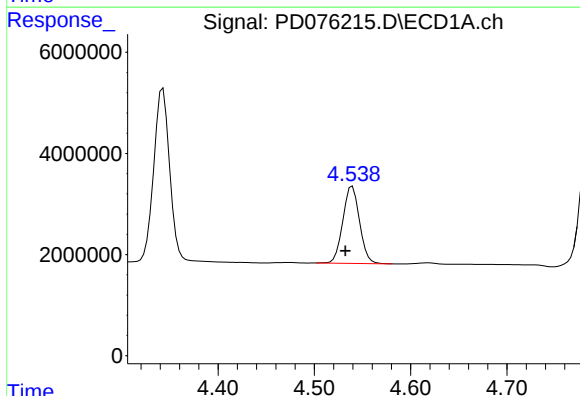
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



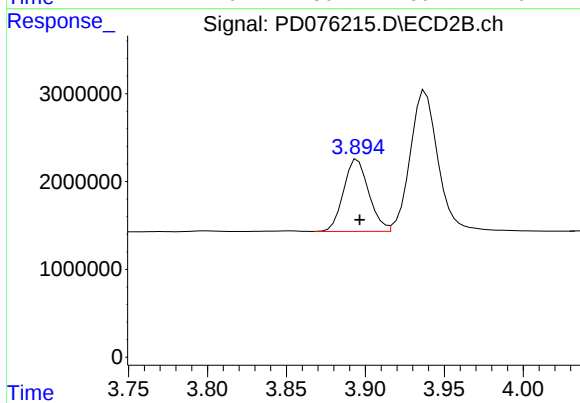
#5 Aldrin

R.T.: 4.217 min  
Delta R.T.: -0.003 min  
Response: 18869625  
Conc: 12.65 ng/ml m



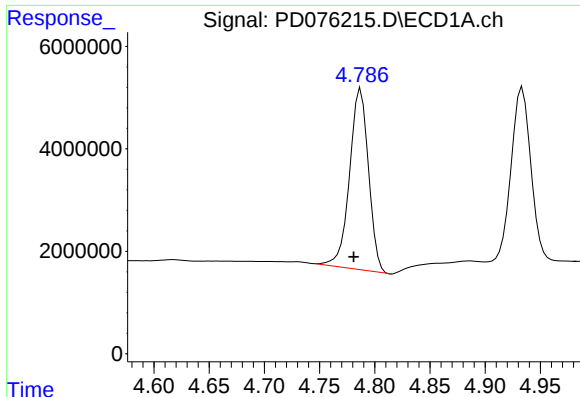
#6 beta-BHC

R.T.: 4.540 min  
Delta R.T.: 0.007 min  
Response: 18278435  
Conc: 12.71 ng/ml



#6 beta-BHC

R.T.: 3.895 min  
Delta R.T.: -0.001 min  
Response: 9140913  
Conc: 14.34 ng/ml



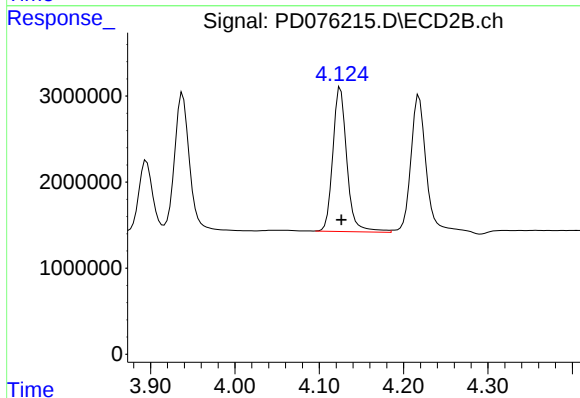
#7 delta-BHC

R.T.: 4.787 min  
Delta R.T.: 0.007 min  
Response: 42254068  
Conc: 12.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

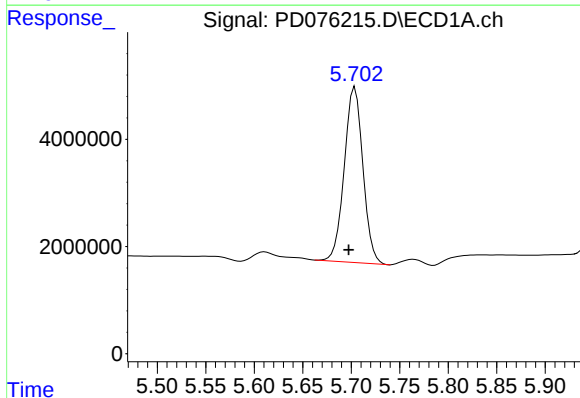
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



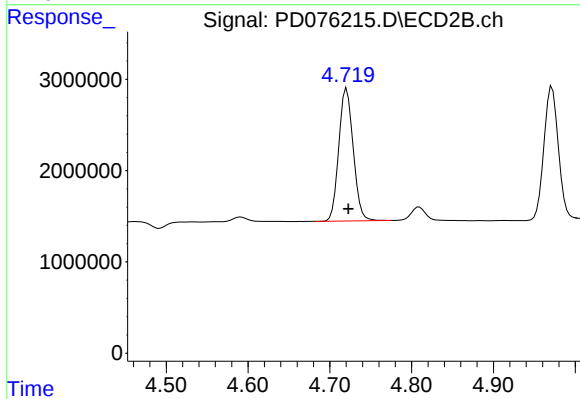
#7 delta-BHC

R.T.: 4.125 min  
Delta R.T.: -0.001 min  
Response: 19444664  
Conc: 13.42 ng/ml



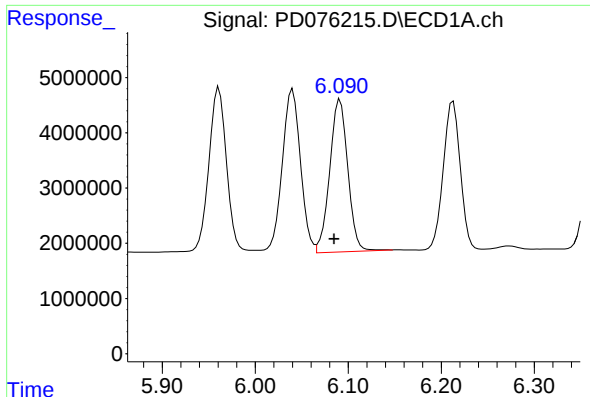
#8 Heptachlor epoxide

R.T.: 5.704 min  
Delta R.T.: 0.006 min  
Response: 43834805  
Conc: 13.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min  
Delta R.T.: -0.002 min  
Response: 17774318  
Conc: 12.94 ng/ml



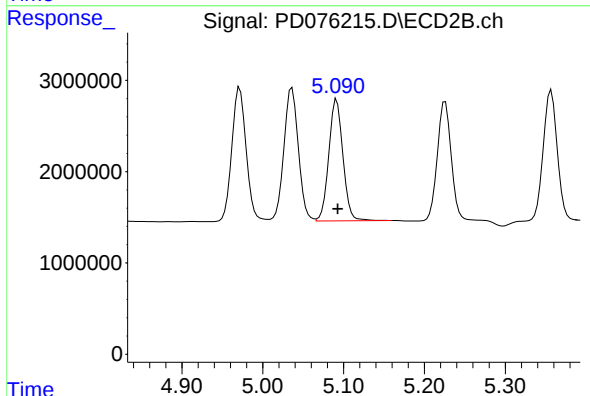
#9 Endosulfan I

R.T.: 6.091 min  
Delta R.T.: 0.006 min  
Response: 37242326  
Conc: 12.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

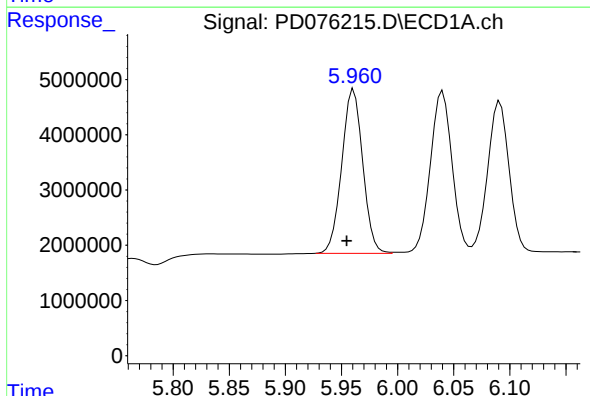
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



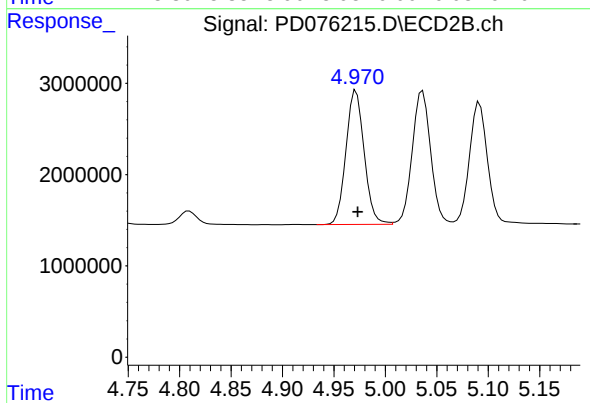
#9 Endosulfan I

R.T.: 5.092 min  
Delta R.T.: -0.001 min  
Response: 16237849  
Conc: 12.70 ng/ml



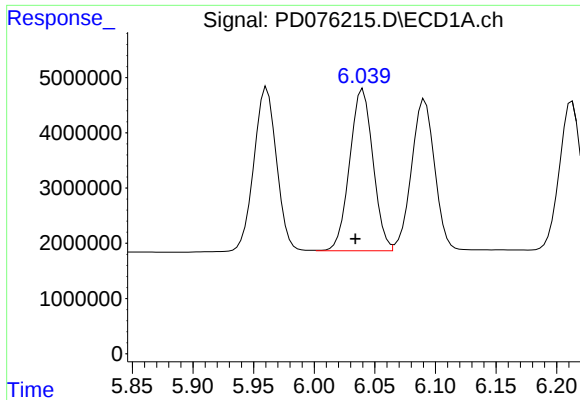
#10 gamma-Chlordane

R.T.: 5.960 min  
Delta R.T.: 0.005 min  
Response: 38657506  
Conc: 12.00 ng/ml m



#10 gamma-Chlordane

R.T.: 4.972 min  
Delta R.T.: -0.002 min  
Response: 18098334  
Conc: 13.19 ng/ml



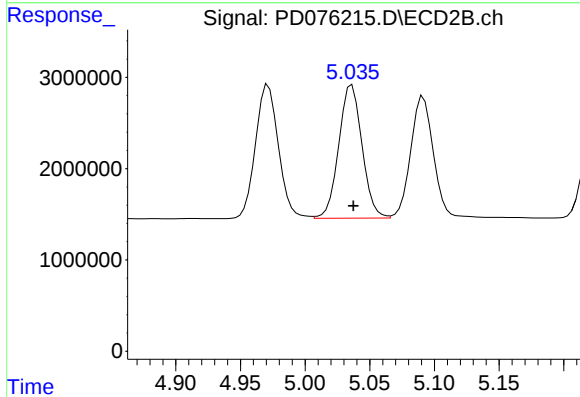
#11 alpha-Chlordane

R.T.: 6.039 min  
Delta R.T.: 0.005 min  
Response: 39300311  
Conc: 12.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

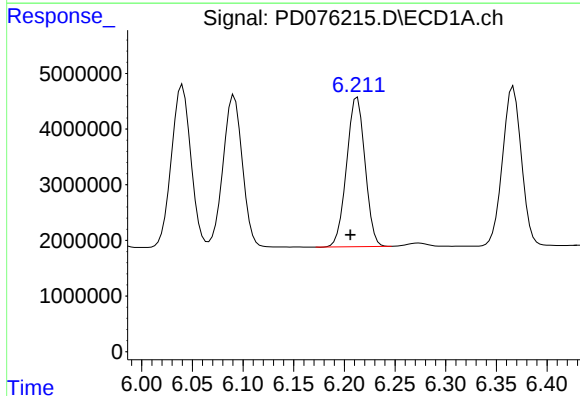
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



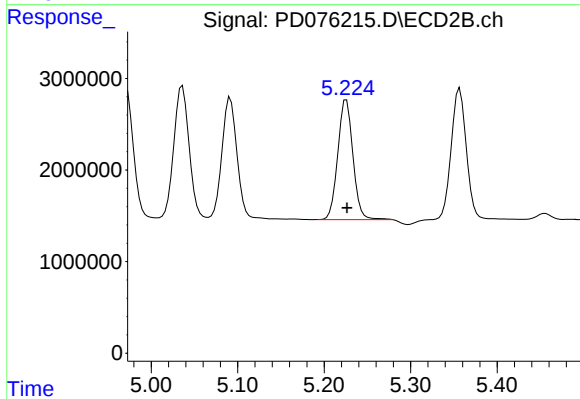
#11 alpha-Chlordane

R.T.: 5.036 min  
Delta R.T.: -0.001 min  
Response: 18255055  
Conc: 13.31 ng/ml



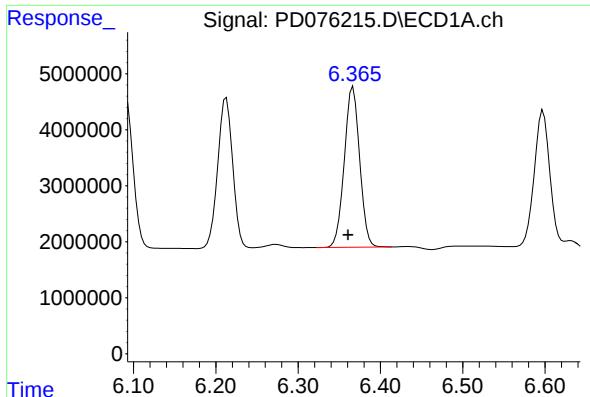
#12 4,4'-DDE

R.T.: 6.213 min  
Delta R.T.: 0.007 min  
Response: 33906905  
Conc: 11.86 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 15857463  
Conc: 14.21 ng/ml



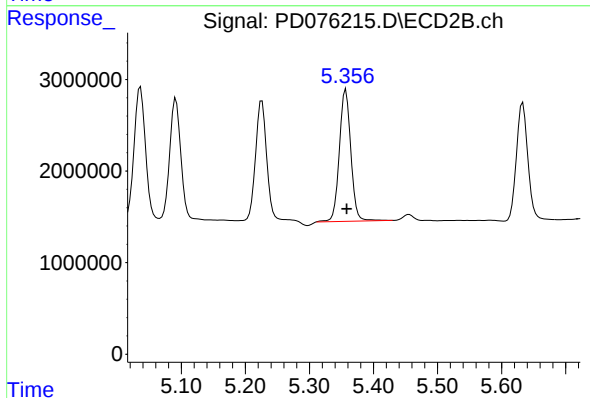
#13 Dieldrin

R.T.: 6.367 min  
Delta R.T.: 0.006 min  
Response: 37134164  
Conc: 11.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

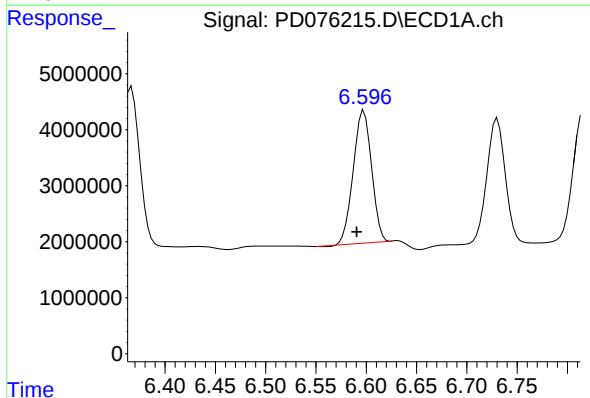
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



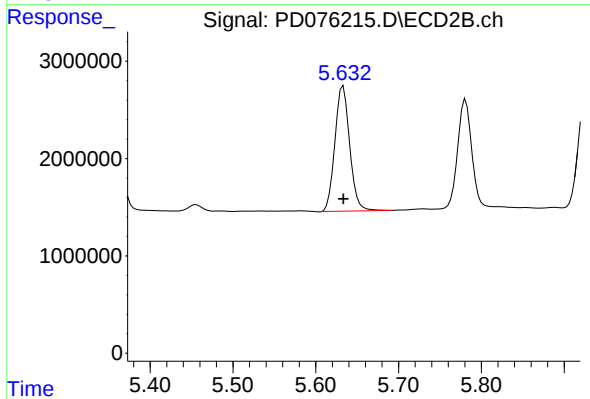
#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: -0.001 min  
Response: 18010784  
Conc: 13.35 ng/ml



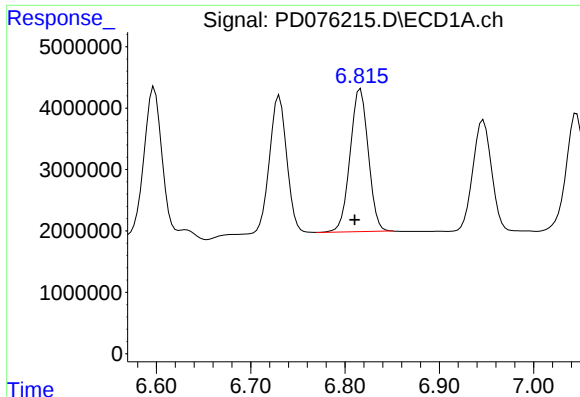
#14 Endrin

R.T.: 6.598 min  
Delta R.T.: 0.007 min  
Response: 29890169  
Conc: 11.18 ng/ml



#14 Endrin

R.T.: 5.633 min  
Delta R.T.: 0.000 min  
Response: 15978528  
Conc: 13.13 ng/ml



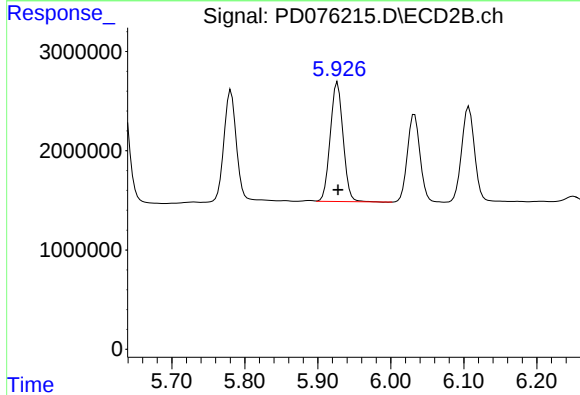
#15 Endosulfan II

R.T.: 6.816 min  
Delta R.T.: 0.006 min  
Response: 31257549  
Conc: 12.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

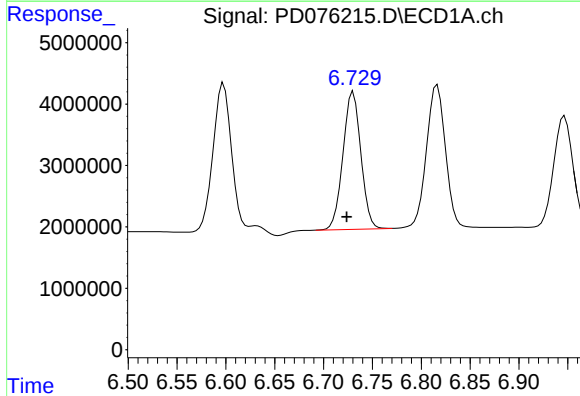
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



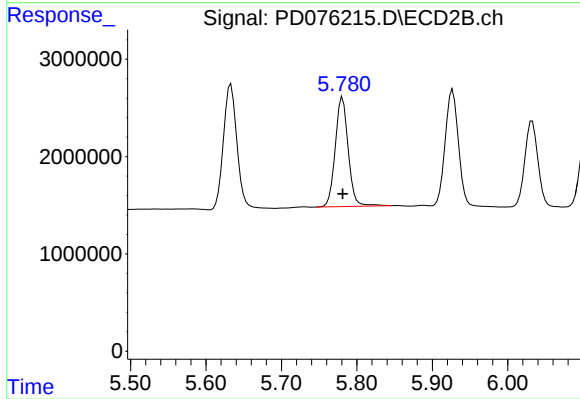
#15 Endosulfan II

R.T.: 5.927 min  
Delta R.T.: 0.000 min  
Response: 14646589  
Conc: 13.58 ng/ml



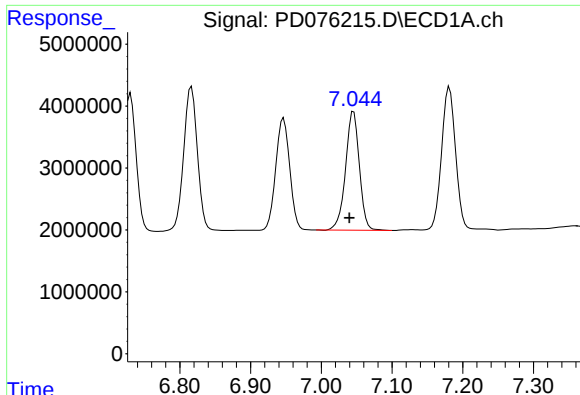
#16 4,4'-DDD

R.T.: 6.730 min  
Delta R.T.: 0.007 min  
Response: 28652131  
Conc: 12.59 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min  
Delta R.T.: 0.000 min  
Response: 13441047  
Conc: 15.25 ng/ml



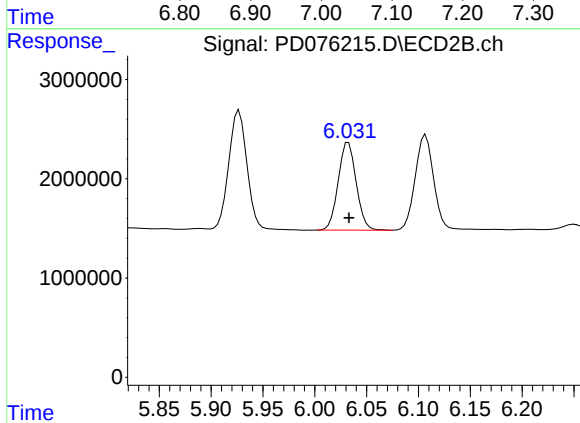
#17 4,4'-DDT

R.T.: 7.046 min  
Delta R.T.: 0.006 min  
Response: 26042428  
Conc: 11.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

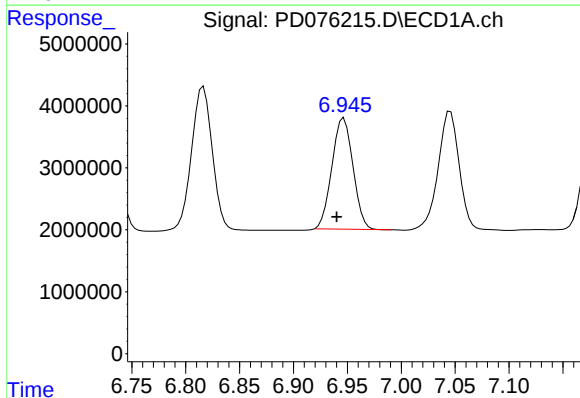
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



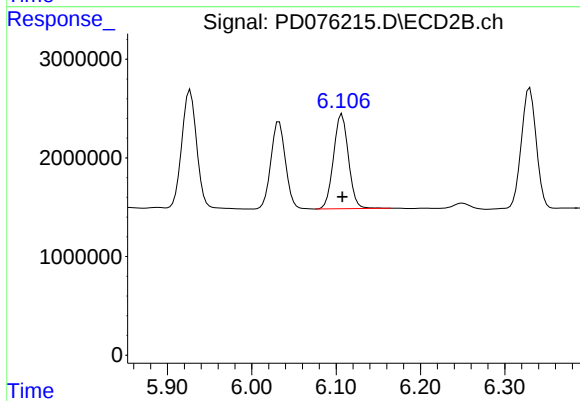
#17 4,4'-DDT

R.T.: 6.032 min  
Delta R.T.: 0.000 min  
Response: 10672778  
Conc: 13.14 ng/ml



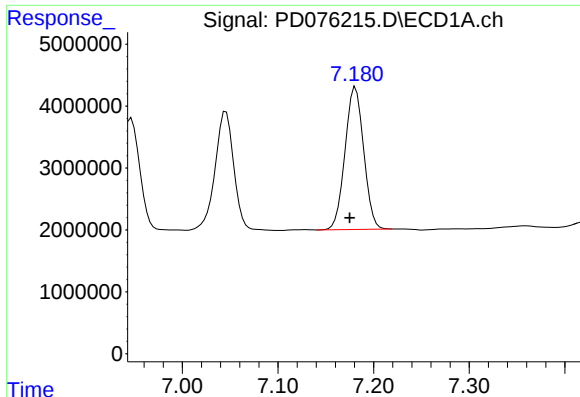
#18 Endrin aldehyde

R.T.: 6.947 min  
Delta R.T.: 0.007 min  
Response: 24377752  
Conc: 12.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 11800246  
Conc: 13.63 ng/ml



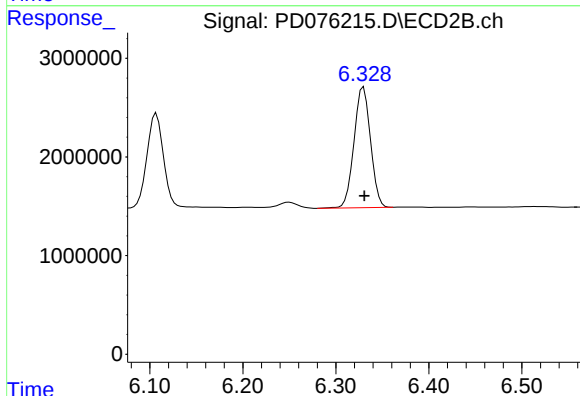
#19 Endosulfan Sulfate

R.T.: 7.181 min  
Delta R.T.: 0.006 min  
Response: 31298698  
Conc: 12.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

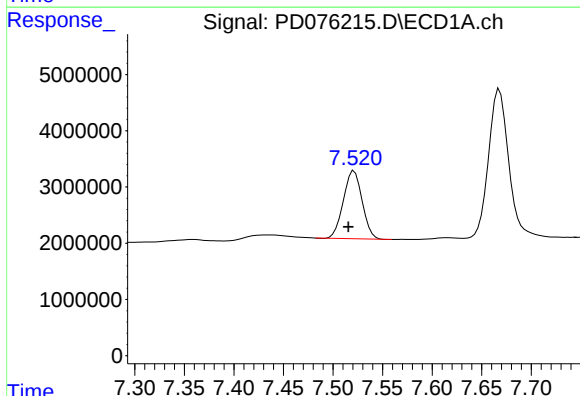
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



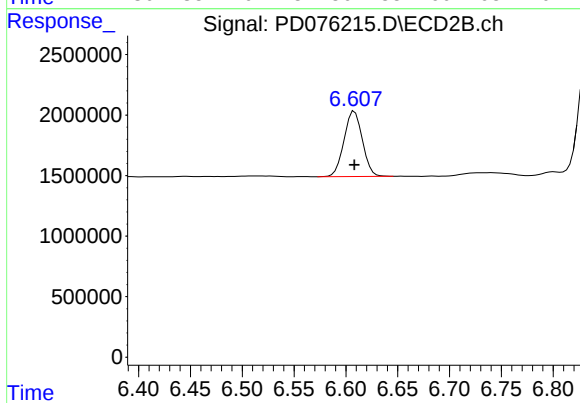
#19 Endosulfan Sulfate

R.T.: 6.330 min  
Delta R.T.: 0.000 min  
Response: 15097015  
Conc: 13.97 ng/ml



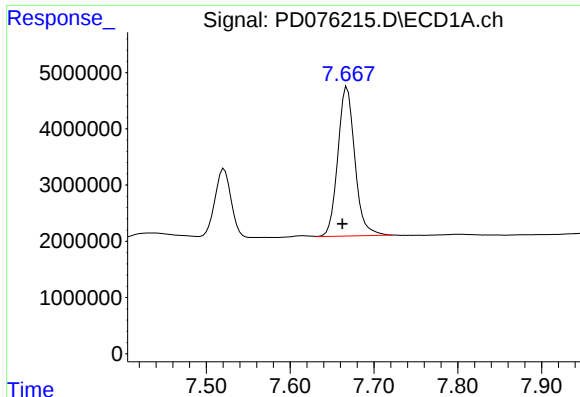
#20 Methoxychlor

R.T.: 7.521 min  
Delta R.T.: 0.006 min  
Response: 15886835  
Conc: 12.27 ng/ml



#20 Methoxychlor

R.T.: 6.608 min  
Delta R.T.: 0.000 min  
Response: 6658435  
Conc: 14.39 ng/ml



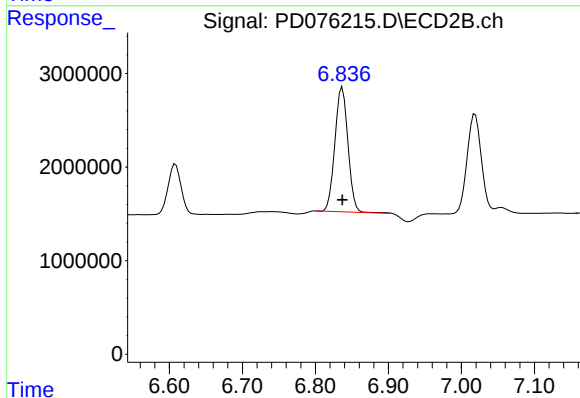
#21 Endrin ketone

R.T.: 7.668 min  
Delta R.T.: 0.005 min  
Response: 37411514  
Conc: 13.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

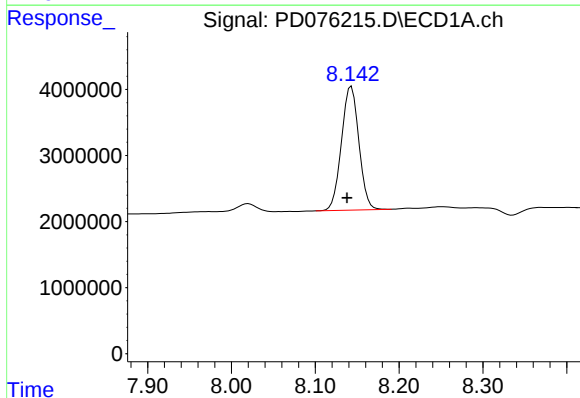
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



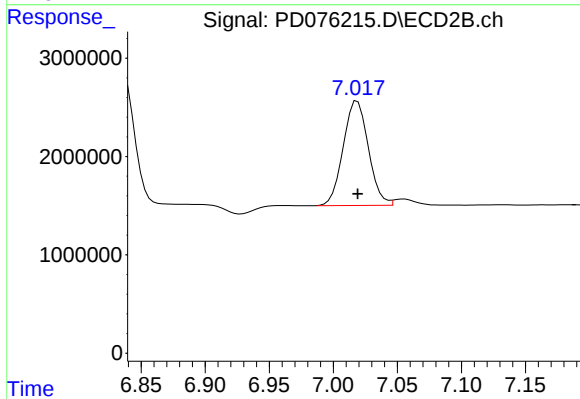
#21 Endrin ketone

R.T.: 6.837 min  
Delta R.T.: 0.000 min  
Response: 16531817  
Conc: 13.61 ng/ml



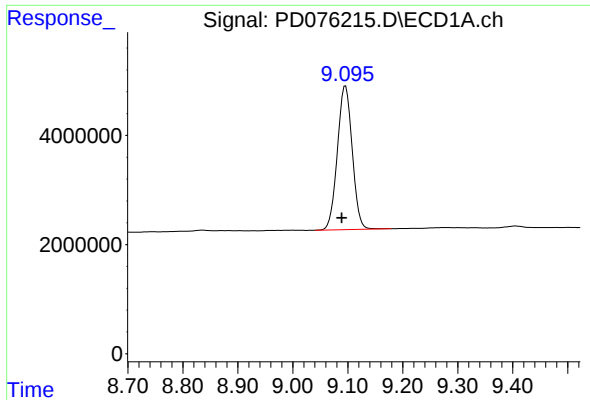
#22 Mirex

R.T.: 8.143 min  
Delta R.T.: 0.005 min  
Response: 27148871  
Conc: 12.67 ng/ml



#22 Mirex

R.T.: 7.019 min  
Delta R.T.: 0.000 min  
Response: 14537909  
Conc: 13.87 ng/ml



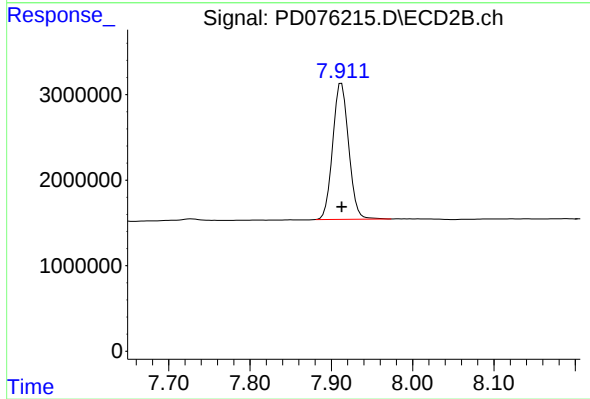
#28 Decachlorobiphenyl

R.T.: 9.096 min  
Delta R.T.: 0.007 min  
Response: 49458765  
Conc: 19.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153728BSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2023  
Supervised By :Ankita Jodhani 06/30/2023



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: 0.000 min  
Response: 21775014  
Conc: 22.27 ng/ml