

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061723\  
 Data File : PD075871.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jun 2023 20:25  
 Operator : AR\AJ  
 Sample : PB153487BSD  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB153487BSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/19/2023  
 Supervised By :Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 16 22:14:19 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... | 3.547 | 2.768 | 52489003 | 26118392 | 24.641  | 24.074 |
| 28)                         | SA Decachlor... | 9.089 | 7.913 | 64159077 | 26021728 | 25.326  | 26.613 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.003 | 3.270 | 194.0E6  | 80283422 | 52.546  | 50.185 |
| 3)                          | MA gamma-BHC... | 4.336 | 3.599 | 174.1E6  | 74377646 | 51.742  | 50.479 |
| 4)                          | MA Heptachlor   | 4.928 | 3.940 | 179.0E6  | 74193296 | 49.905  | 48.848 |
| 5)                          | MB Aldrin       | 5.271 | 4.220 | 176.0E6  | 73286544 | 50.231  | 49.146 |
| 6)                          | B beta-BHC      | 4.532 | 3.896 | 72473157 | 32181351 | 50.408  | 50.488 |
| 7)                          | B delta-BHC     | 4.781 | 4.127 | 173.8E6  | 74788899 | 52.282  | 51.615 |
| 8)                          | B Heptachlo...  | 5.698 | 4.722 | 157.5E6  | 66749608 | 48.887  | 48.593 |
| 9)                          | A Endosulfan I  | 6.085 | 5.093 | 145.8E6  | 62604269 | 48.610  | 48.978 |
| 10)                         | B gamma-Chl...  | 5.955 | 4.973 | 161.2E6  | 68061007 | 50.034  | 49.603 |
| 11)                         | B alpha-Chl...  | 6.035 | 5.037 | 157.7E6  | 67209240 | 48.794  | 48.995 |
| 12)                         | B 4,4'-DDE      | 6.207 | 5.226 | 145.9E6  | 61246016 | 51.054  | 54.872 |
| 13)                         | MA Dieldrin     | 6.361 | 5.358 | 154.0E6  | 66780568 | 49.272  | 49.498 |
| 14)                         | MA Endrin       | 6.592 | 5.634 | 128.8E6  | 58768198 | 48.159  | 48.290 |
| 15)                         | B Endosulfa...  | 6.811 | 5.928 | 127.1E6  | 55655160 | 49.205  | 51.587 |
| 16)                         | A 4,4'-DDD      | 6.725 | 5.781 | 122.3E6  | 53381292 | 53.764  | 60.573 |
| 17)                         | MA 4,4'-DDT     | 7.040 | 6.033 | 120.4E6  | 48995658 | 53.051  | 60.318 |
| 18)                         | B Endrin al...  | 6.940 | 6.107 | 95166768 | 42945702 | 47.427m | 49.620 |
| 19)                         | B Endosulfa...  | 7.176 | 6.331 | 126.6E6  | 57129647 | 50.247  | 52.868 |
| 20)                         | A Methoxychlor  | 7.516 | 6.609 | 65351979 | 28017742 | 50.488  | 60.534 |
| 21)                         | B Endrin ke...  | 7.663 | 6.837 | 141.8E6  | 64512545 | 50.885  | 53.099 |
| 22)                         | Mirex           | 8.138 | 7.019 | 100.1E6  | 49175003 | 46.718  | 46.913 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061723\  
Data File : PD075871.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jun 2023 20:25  
Operator : AR\AJ  
Sample : PB153487BSD  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

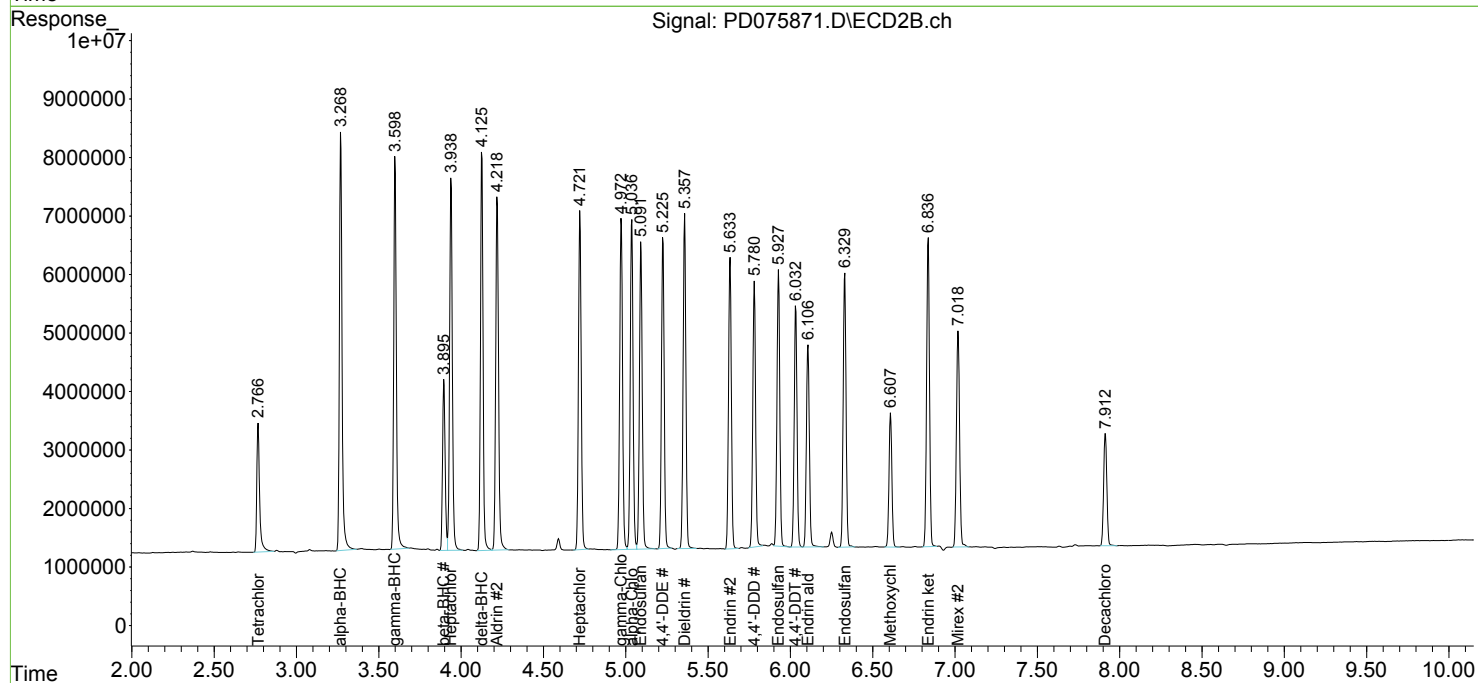
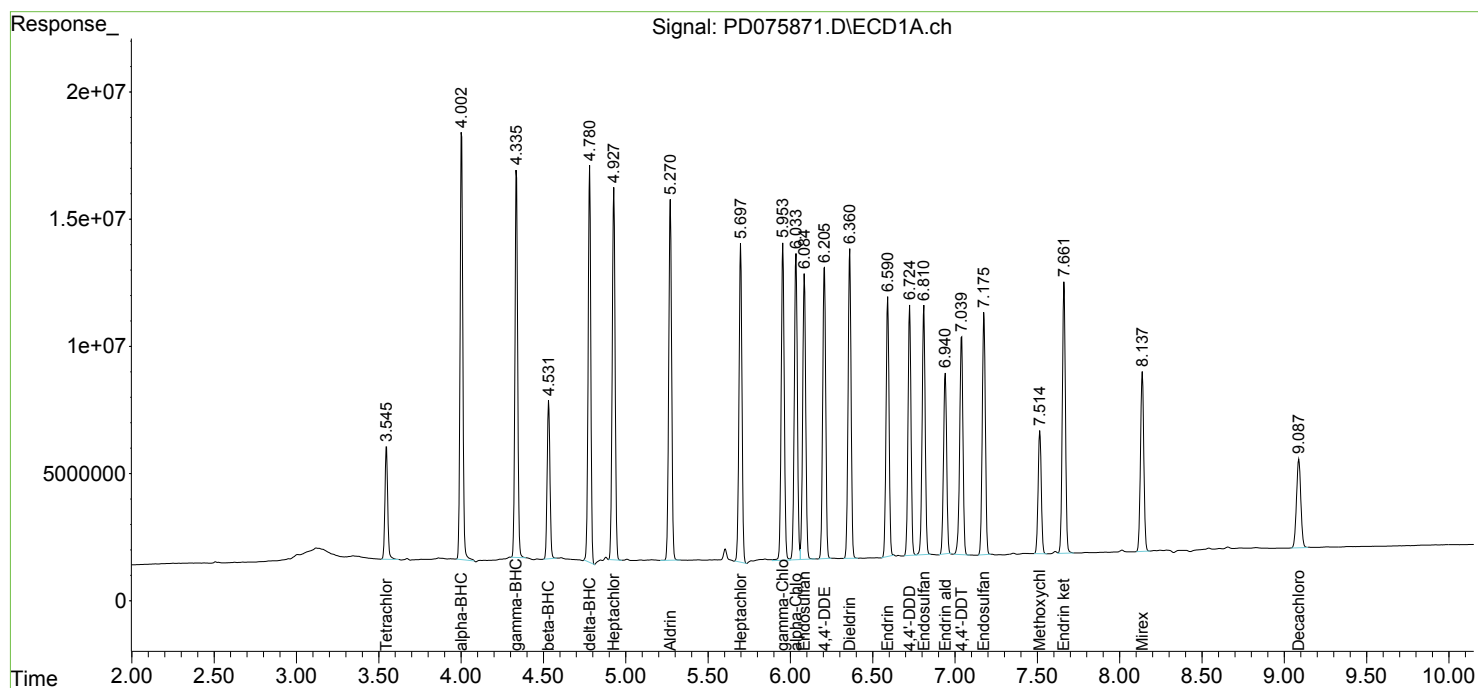
Instrument :  
ECD\_D  
ClientSampleId :  
PB153487BSD

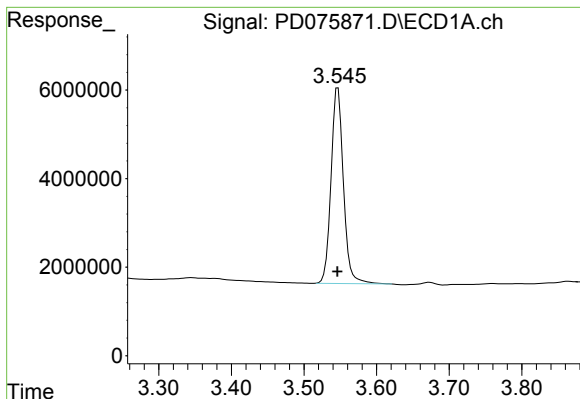
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/19/2023  
Supervised By :Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 16 22:14:19 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





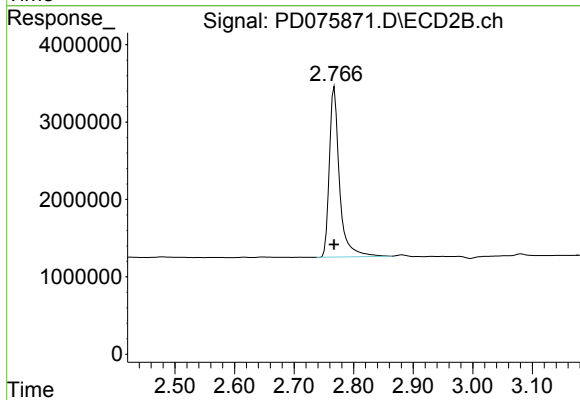
#1 Tetrachloro-m-xylene

R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 52489003  
Conc: 24.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153487BSD

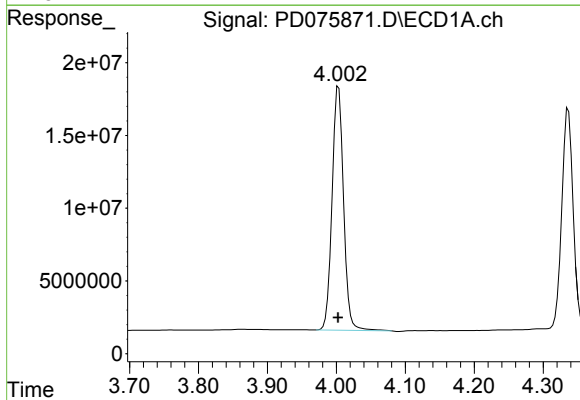
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/19/2023  
Supervised By :Ankita Jodhani 06/19/2023



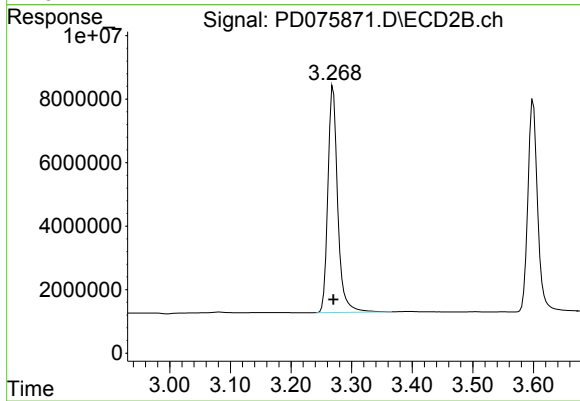
#1 Tetrachloro-m-xylene

R.T.: 2.768 min  
Delta R.T.: 0.000 min  
Response: 26118392  
Conc: 24.07 ng/ml



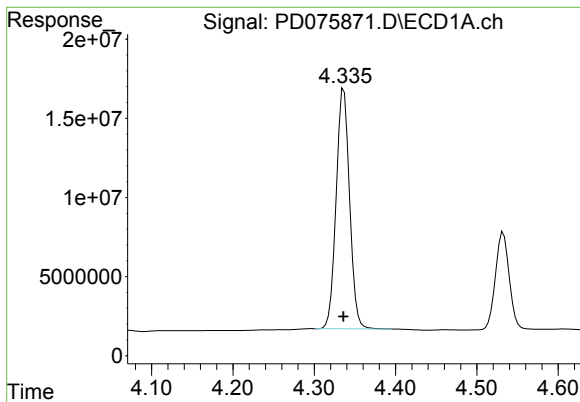
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 194005316  
Conc: 52.55 ng/ml



#2 alpha-BHC

R.T.: 3.270 min  
Delta R.T.: 0.000 min  
Response: 80283422  
Conc: 50.18 ng/ml



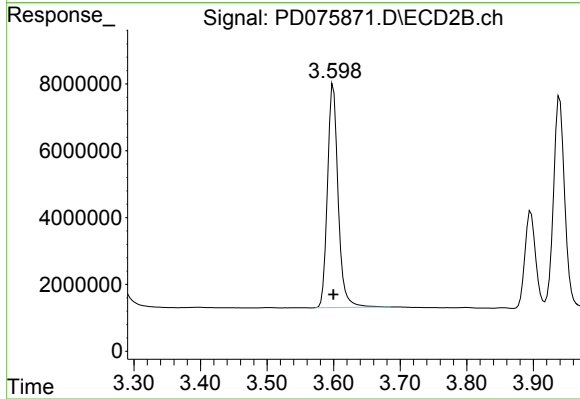
#3 gamma-BHC (Lindane)

R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 174105261  
Conc: 51.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153487BSD

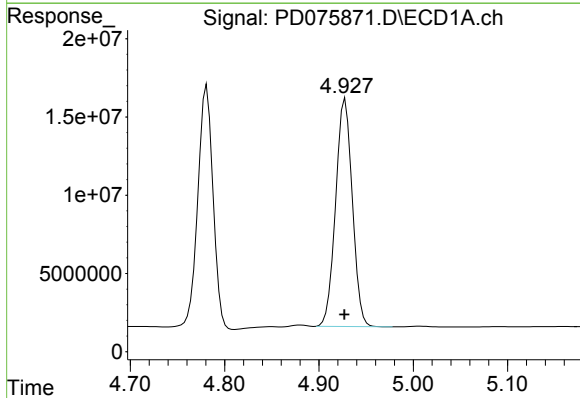
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/19/2023  
Supervised By :Ankita Jodhani 06/19/2023



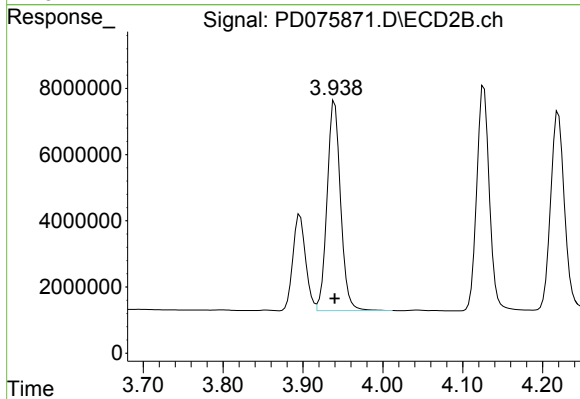
#3 gamma-BHC (Lindane)

R.T.: 3.599 min  
Delta R.T.: 0.000 min  
Response: 74377646  
Conc: 50.48 ng/ml



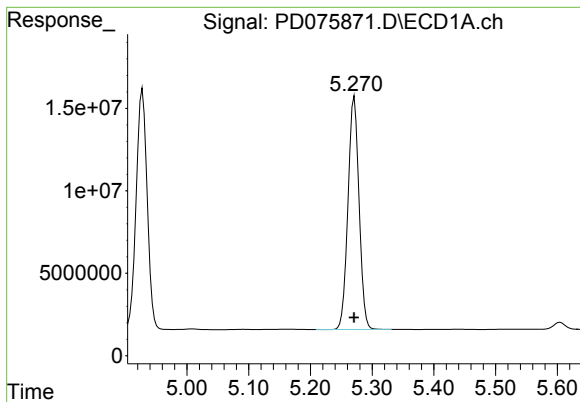
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.000 min  
Response: 178989154  
Conc: 49.90 ng/ml



#4 Heptachlor

R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 74193296  
Conc: 48.85 ng/ml



#5 Aldrin

R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 176020990  
Conc: 50.23 ng/ml

Instrument :

ECD\_D

ClientSampleId :

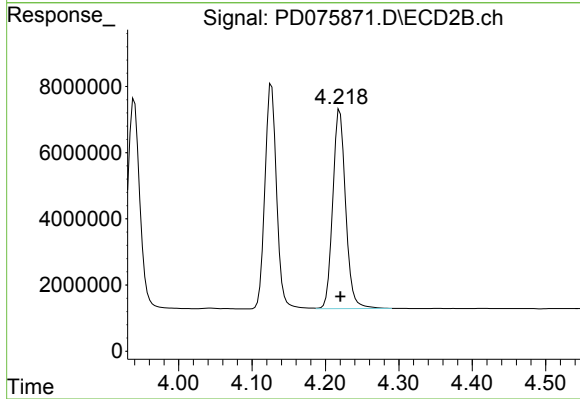
PB153487BSD

Manual Integrations

APPROVED

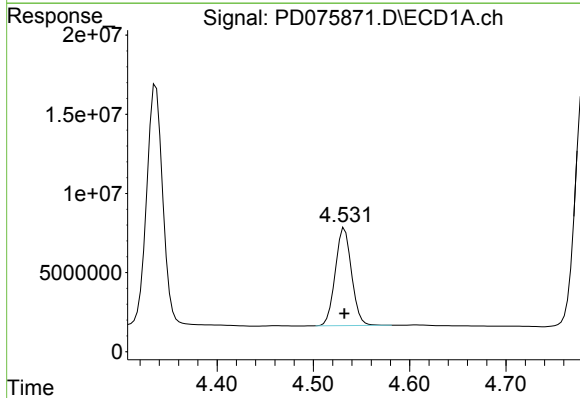
Reviewed By :Abdul Mirza 06/19/2023

Supervised By :Ankita Jodhani 06/19/2023



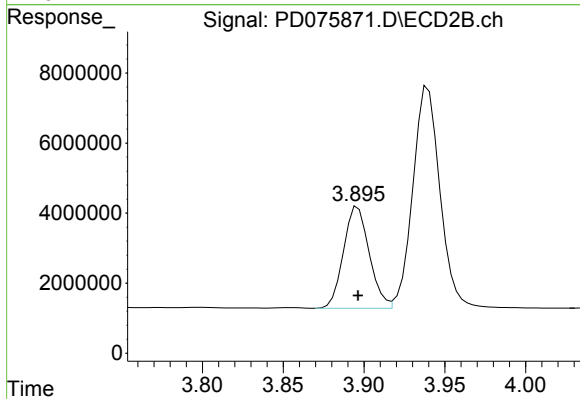
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 73286544  
Conc: 49.15 ng/ml



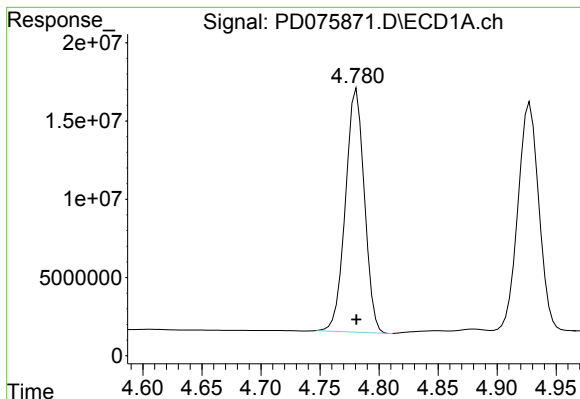
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 72473157  
Conc: 50.41 ng/ml



#6 beta-BHC

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 32181351  
Conc: 50.49 ng/ml



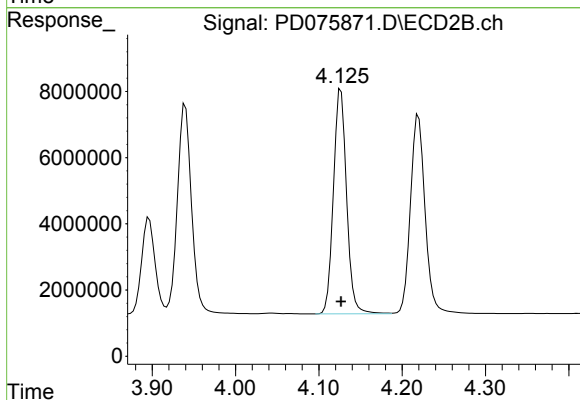
#7 delta-BHC

R.T.: 4.781 min  
Delta R.T.: 0.000 min  
Response: 173768265  
Conc: 52.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153487BSD

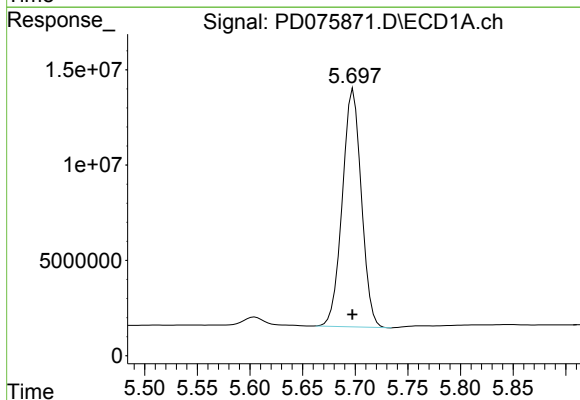
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/19/2023  
Supervised By :Ankita Jodhani 06/19/2023



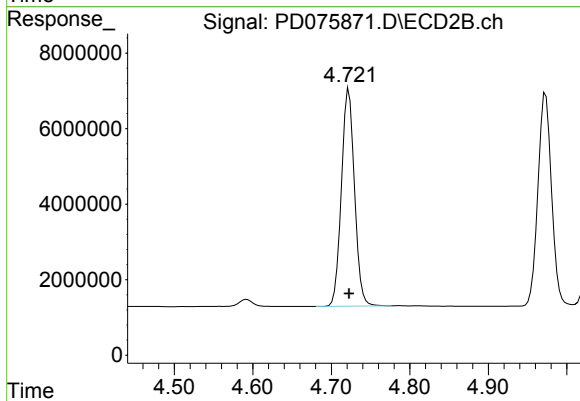
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: 0.000 min  
Response: 74788899  
Conc: 51.61 ng/ml



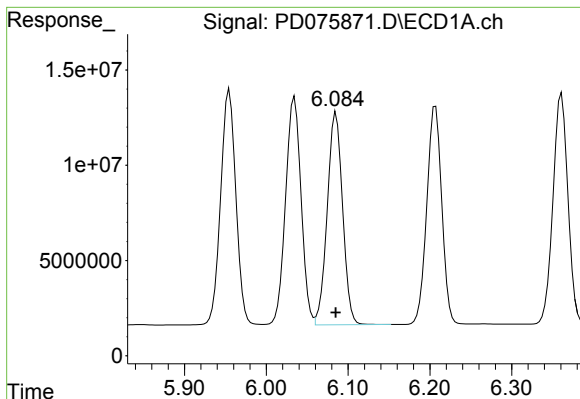
#8 Heptachlor epoxide

R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 157527303  
Conc: 48.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 66749608  
Conc: 48.59 ng/ml



#9 Endosulfan I

R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 145806389  
Conc: 48.61 ng/ml

Instrument :

ECD\_D

ClientSampleId :

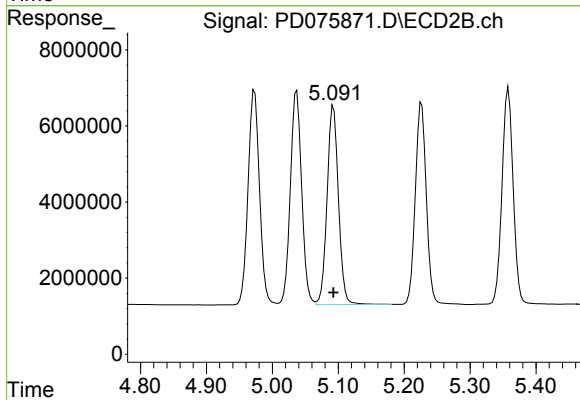
PB153487BSD

Manual Integrations

APPROVED

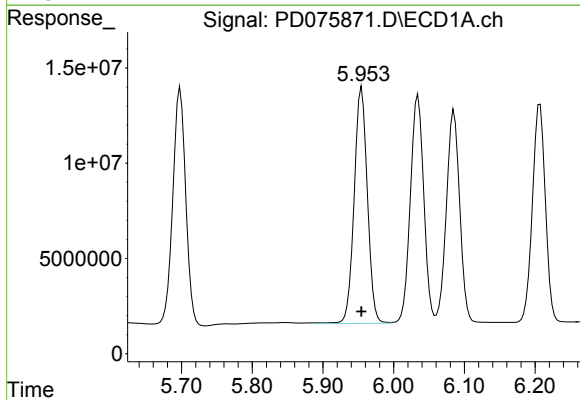
Reviewed By :Abdul Mirza 06/19/2023

Supervised By :Ankita Jodhani 06/19/2023



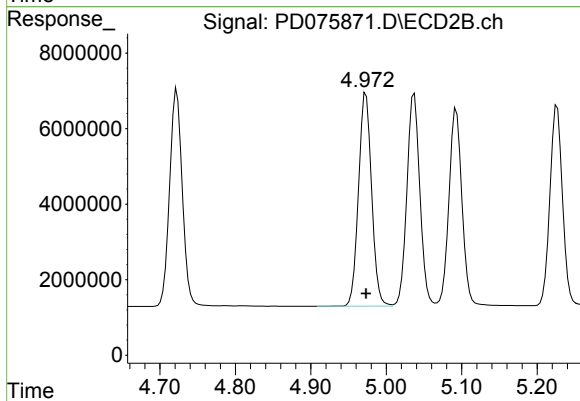
#9 Endosulfan I

R.T.: 5.093 min  
Delta R.T.: 0.000 min  
Response: 62604269  
Conc: 48.98 ng/ml



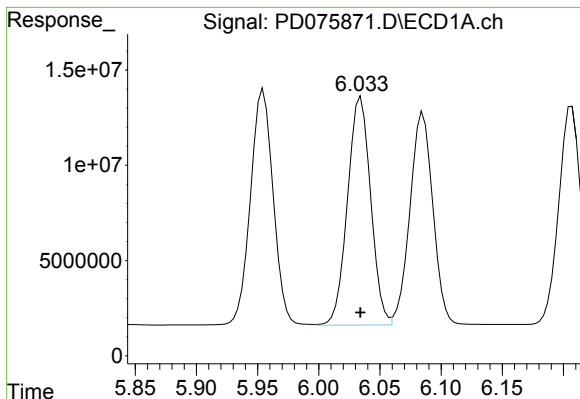
#10 gamma-Chlordane

R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 161175034  
Conc: 50.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 68061007  
Conc: 49.60 ng/ml



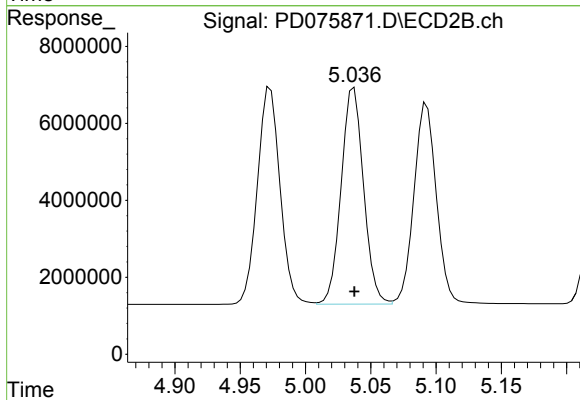
#11 alpha-Chlordane

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 157745132  
Conc: 48.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153487BSD

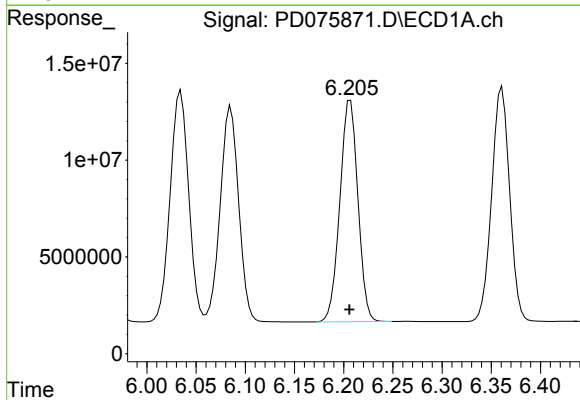
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/19/2023  
Supervised By :Ankita Jodhani 06/19/2023



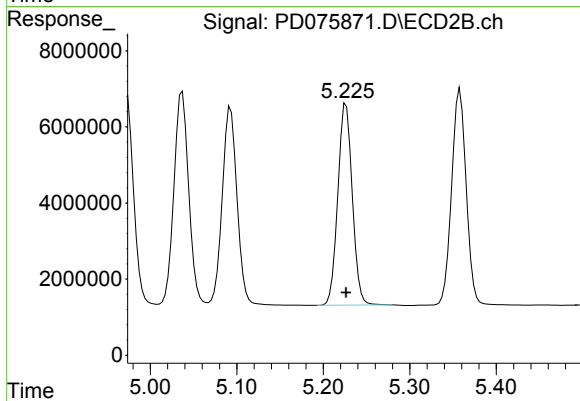
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 67209240  
Conc: 48.99 ng/ml



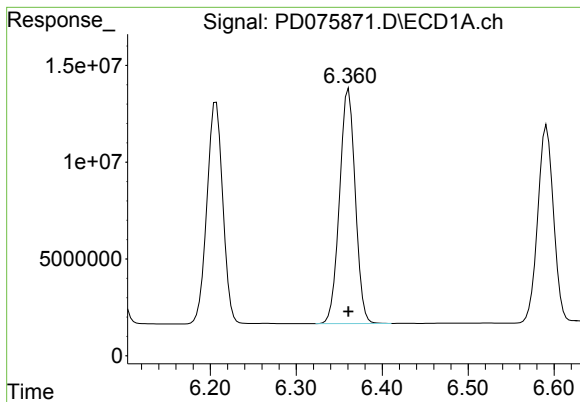
#12 4,4'-DDE

R.T.: 6.207 min  
Delta R.T.: 0.000 min  
Response: 145920101  
Conc: 51.05 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 61246016  
Conc: 54.87 ng/ml



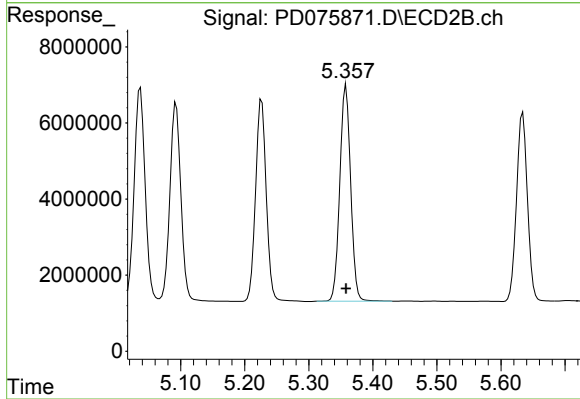
#13 Dieldrin

R.T.: 6.361 min  
Delta R.T.: 0.000 min  
Response: 153973874  
Conc: 49.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153487BSD

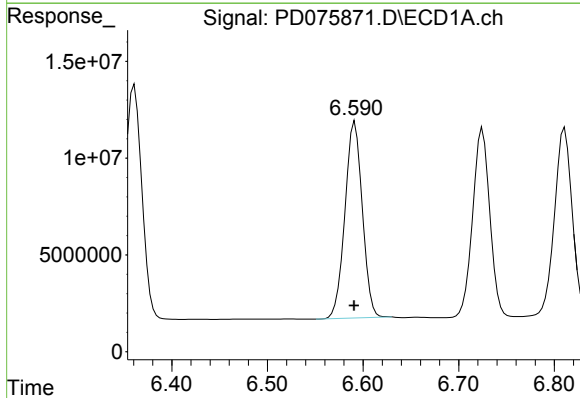
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/19/2023  
Supervised By :Ankita Jodhani 06/19/2023



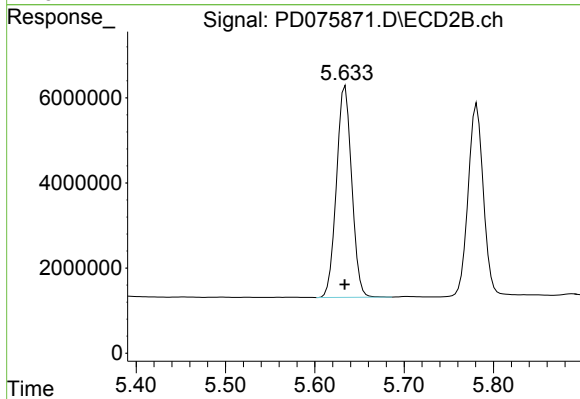
#13 Dieldrin

R.T.: 5.358 min  
Delta R.T.: 0.000 min  
Response: 66780568  
Conc: 49.50 ng/ml



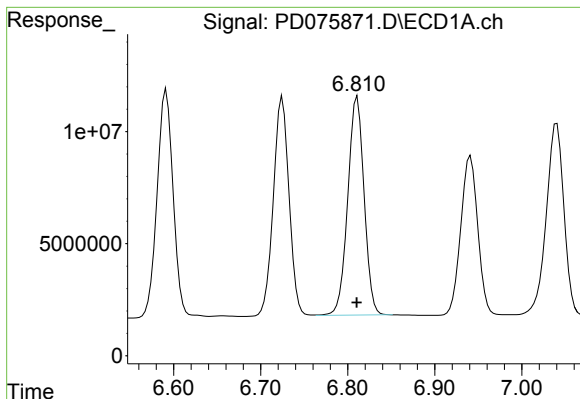
#14 Endrin

R.T.: 6.592 min  
Delta R.T.: 0.000 min  
Response: 128794355  
Conc: 48.16 ng/ml



#14 Endrin

R.T.: 5.634 min  
Delta R.T.: 0.000 min  
Response: 58768198  
Conc: 48.29 ng/ml



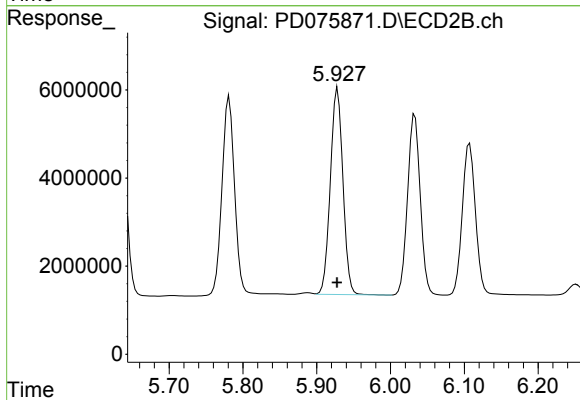
#15 Endosulfan II

R.T.: 6.811 min  
Delta R.T.: 0.000 min  
Response: 127127066  
Conc: 49.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153487BSD

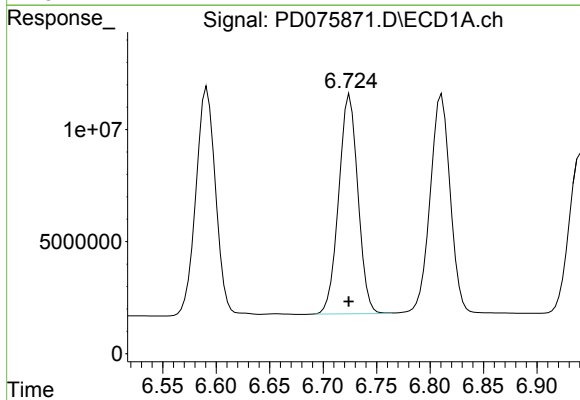
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/19/2023  
Supervised By :Ankita Jodhani 06/19/2023



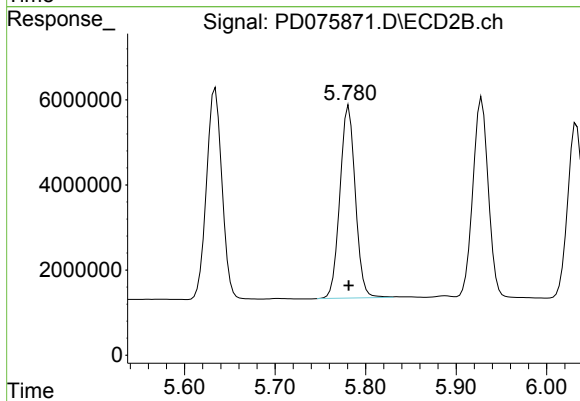
#15 Endosulfan II

R.T.: 5.928 min  
Delta R.T.: 0.000 min  
Response: 55655160  
Conc: 51.59 ng/ml



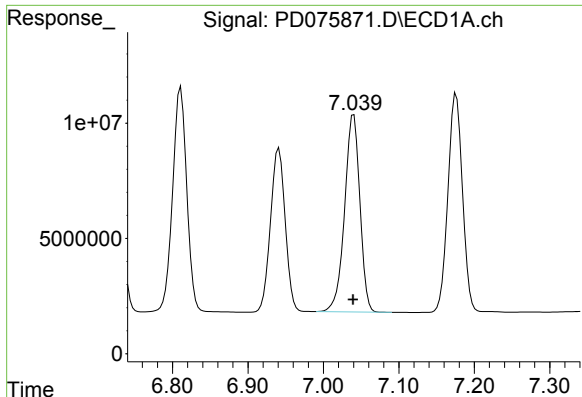
#16 4,4'-DDD

R.T.: 6.725 min  
Delta R.T.: 0.001 min  
Response: 122347025  
Conc: 53.76 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min  
Delta R.T.: 0.000 min  
Response: 53381292  
Conc: 60.57 ng/ml



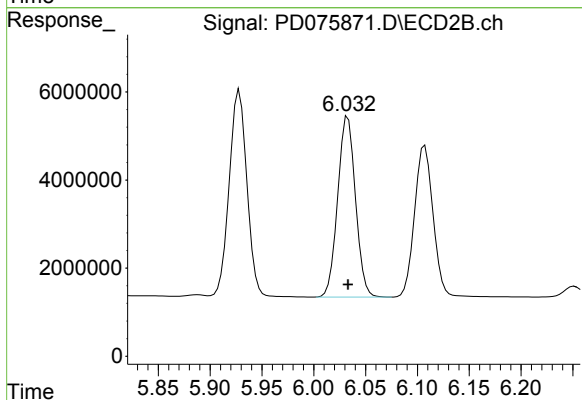
#17 4,4'-DDT

R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 120386077  
Conc: 53.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153487BSD

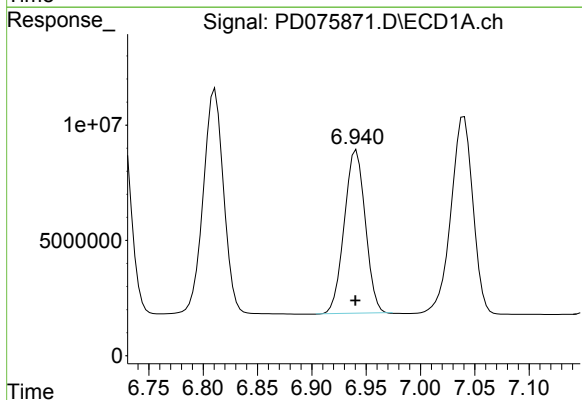
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/19/2023  
Supervised By :Ankita Jodhani 06/19/2023



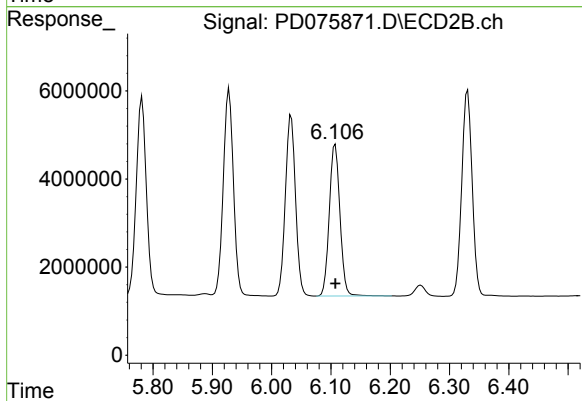
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 48995658  
Conc: 60.32 ng/ml



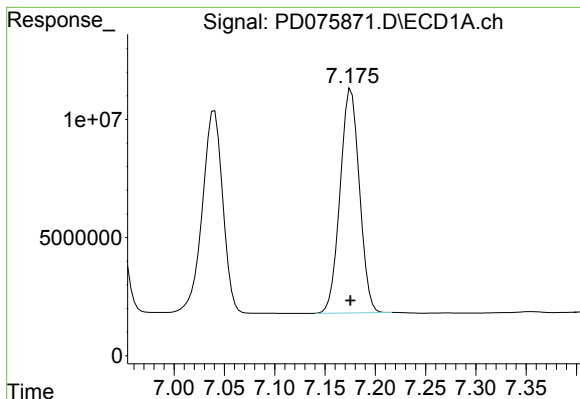
#18 Endrin aldehyde

R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 95166768  
Conc: 47.43 ng/ml m



#18 Endrin aldehyde

R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 42945702  
Conc: 49.62 ng/ml



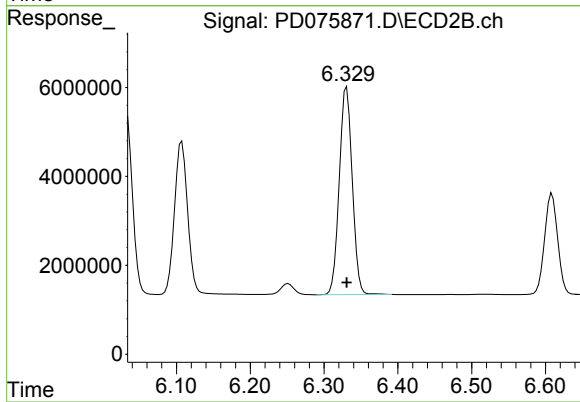
#19 Endosulfan Sulfate

R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 126589669  
Conc: 50.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153487BSD

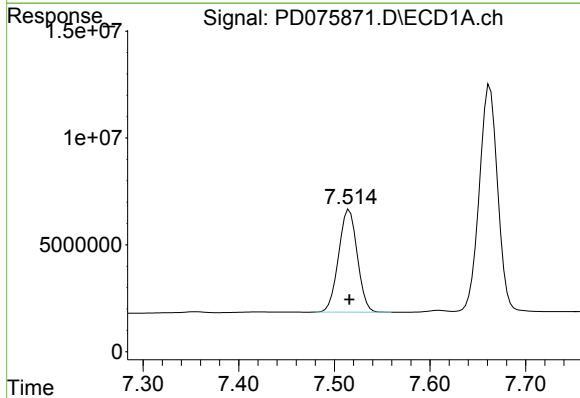
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/19/2023  
Supervised By :Ankita Jodhani 06/19/2023



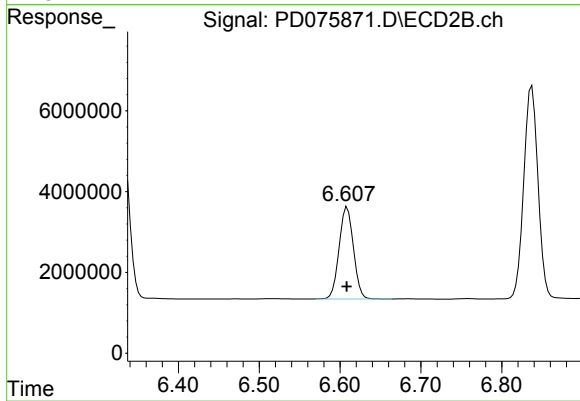
#19 Endosulfan Sulfate

R.T.: 6.331 min  
Delta R.T.: 0.000 min  
Response: 57129647  
Conc: 52.87 ng/ml



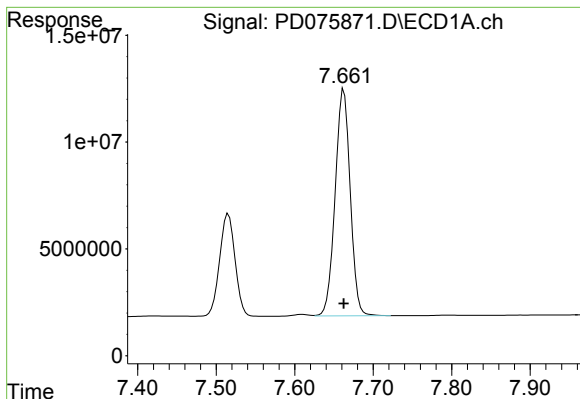
#20 Methoxychlor

R.T.: 7.516 min  
Delta R.T.: 0.000 min  
Response: 65351979  
Conc: 50.49 ng/ml



#20 Methoxychlor

R.T.: 6.609 min  
Delta R.T.: 0.000 min  
Response: 28017742  
Conc: 60.53 ng/ml



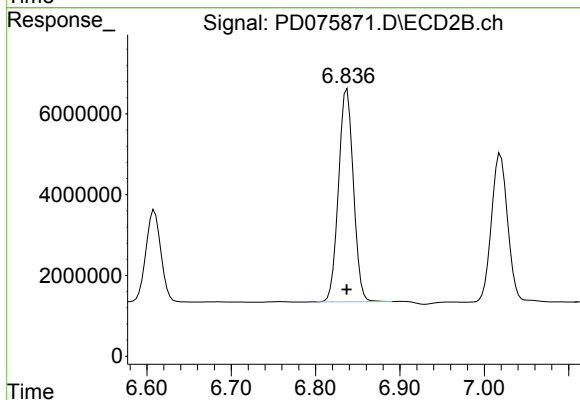
#21 Endrin ketone

R.T.: 7.663 min  
Delta R.T.: 0.000 min  
Response: 141762767  
Conc: 50.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153487BSD

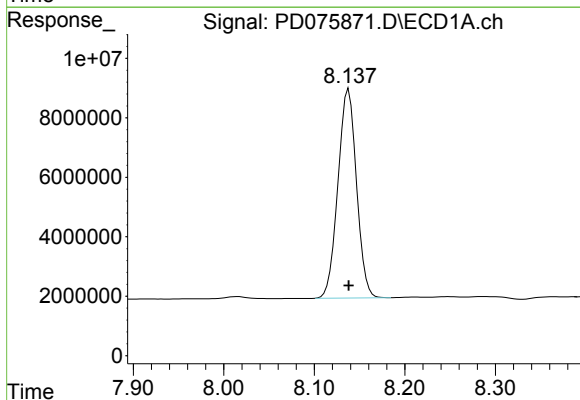
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/19/2023  
Supervised By :Ankita Jodhani 06/19/2023



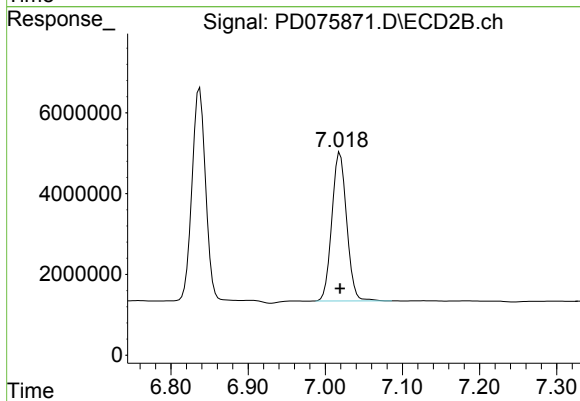
#21 Endrin ketone

R.T.: 6.837 min  
Delta R.T.: 0.000 min  
Response: 64512545  
Conc: 53.10 ng/ml



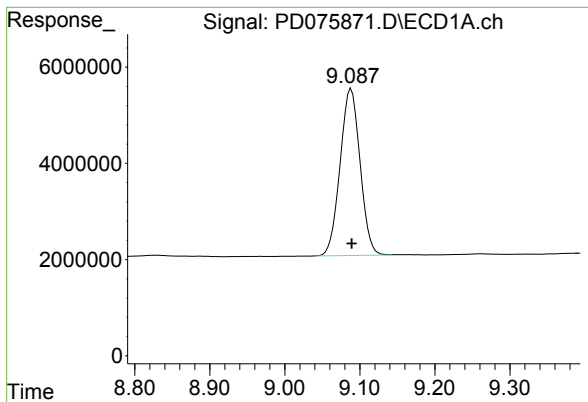
#22 Mirex

R.T.: 8.138 min  
Delta R.T.: 0.000 min  
Response: 100095113  
Conc: 46.72 ng/ml



#22 Mirex

R.T.: 7.019 min  
Delta R.T.: 0.000 min  
Response: 49175003  
Conc: 46.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min  
Delta R.T.: 0.000 min  
Response: 64159077  
Conc: 25.33 ng/ml

Instrument :

ECD\_D

ClientSampleId :

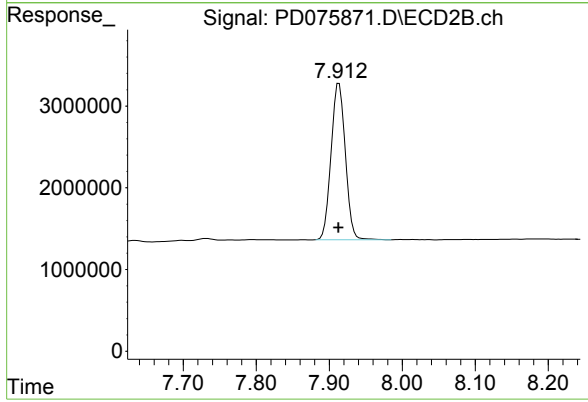
PB153487BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/19/2023

Supervised By :Ankita Jodhani 06/19/2023



#28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: 0.000 min  
Response: 26021728  
Conc: 26.61 ng/ml