

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021724\  
 Data File : PD081463.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Feb 2024 11:03  
 Operator : AR\AJ  
 Sample : P1483-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 RT-2327MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
 Supervised By :Ankita Jodhani 02/19/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 16 11:27:03 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 11:14:56 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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... | 3.565 | 2.794 | 24110235 | 47957007 | 16.984  | 20.048  |
| 28)                         | SA Decachlor... | 9.114 | 7.932 | 29027668 | 43643035 | 14.424  | 16.385  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.022 | 3.296 | 104.2E6  | 166.4E6  | 41.970  | 43.355  |
| 3)                          | MA gamma-BHC... | 4.354 | 3.626 | 106.6E6  | 181.2E6  | 43.554m | 48.464  |
| 4)                          | MA Heptachlor   | 4.948 | 3.966 | 114.7E6  | 167.9E6  | 46.509  | 48.702  |
| 5)                          | MB Aldrin       | 5.292 | 4.245 | 114.1E6  | 163.5E6  | 46.472  | 44.887m |
| 6)                          | B beta-BHC      | 4.551 | 3.921 | 41837243 | 74349317 | 41.347  | 47.581  |
| 7)                          | B delta-BHC     | 4.799 | 4.151 | 105.0E6  | 176.3E6  | 41.861  | 46.988  |
| 8)                          | B Heptachlo...  | 5.717 | 4.747 | 104.9E6  | 155.0E6  | 46.851m | 46.288  |
| 9)                          | A Endosulfan I  | 6.104 | 5.118 | 98988053 | 118.2E6  | 47.727m | 38.588  |
| 10)                         | B gamma-Chl...  | 5.974 | 4.997 | 111.7E6  | 165.1E6  | 51.009m | 50.462  |
| 11)                         | B alpha-Chl...  | 6.054 | 5.062 | 113.4E6  | 156.3E6  | 52.092  | 47.802  |
| 12)                         | B 4,4'-DDE      | 6.225 | 5.250 | 86801169 | 154.8E6  | 42.657  | 50.520  |
| 13)                         | MA Dieldrin     | 6.381 | 5.382 | 98455412 | 173.4E6  | 44.556  | 50.987  |
| 14)                         | MA Endrin       | 6.612 | 5.658 | 93151168 | 168.8E6  | 49.873  | 56.947  |
| 15)                         | B Endosulfa...  | 6.830 | 5.950 | 93187988 | 144.4E6  | 48.124  | 50.219  |
| 16)                         | A 4,4'-DDD      | 6.743 | 5.804 | 80412181 | 121.8E6  | 48.939  | 46.397  |
| 17)                         | MA 4,4'-DDT     | 7.058 | 6.055 | 89584396 | 133.3E6  | 50.303  | 50.239  |
| 18)                         | B Endrin al...  | 6.960 | 6.129 | 67165335 | 100.2E6  | 44.154  | 44.455  |
| 19)                         | B Endosulfa...  | 7.195 | 6.352 | 86936124 | 132.8E6  | 45.786  | 47.594  |
| 20)                         | A Methoxychlor  | 7.533 | 6.629 | 44326534 | 70513153 | 43.066  | 45.049  |
| 21)                         | B Endrin ke...  | 7.682 | 6.858 | 94596105 | 144.8E6  | 45.235  | 44.877  |
| 22)                         | Mirex           | 8.158 | 7.041 | 70383684 | 108.0E6  | 42.673  | 42.866  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021724\  
Data File : PD081463.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Feb 2024 11:03  
Operator : AR\AJ  
Sample : P1483-01MS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

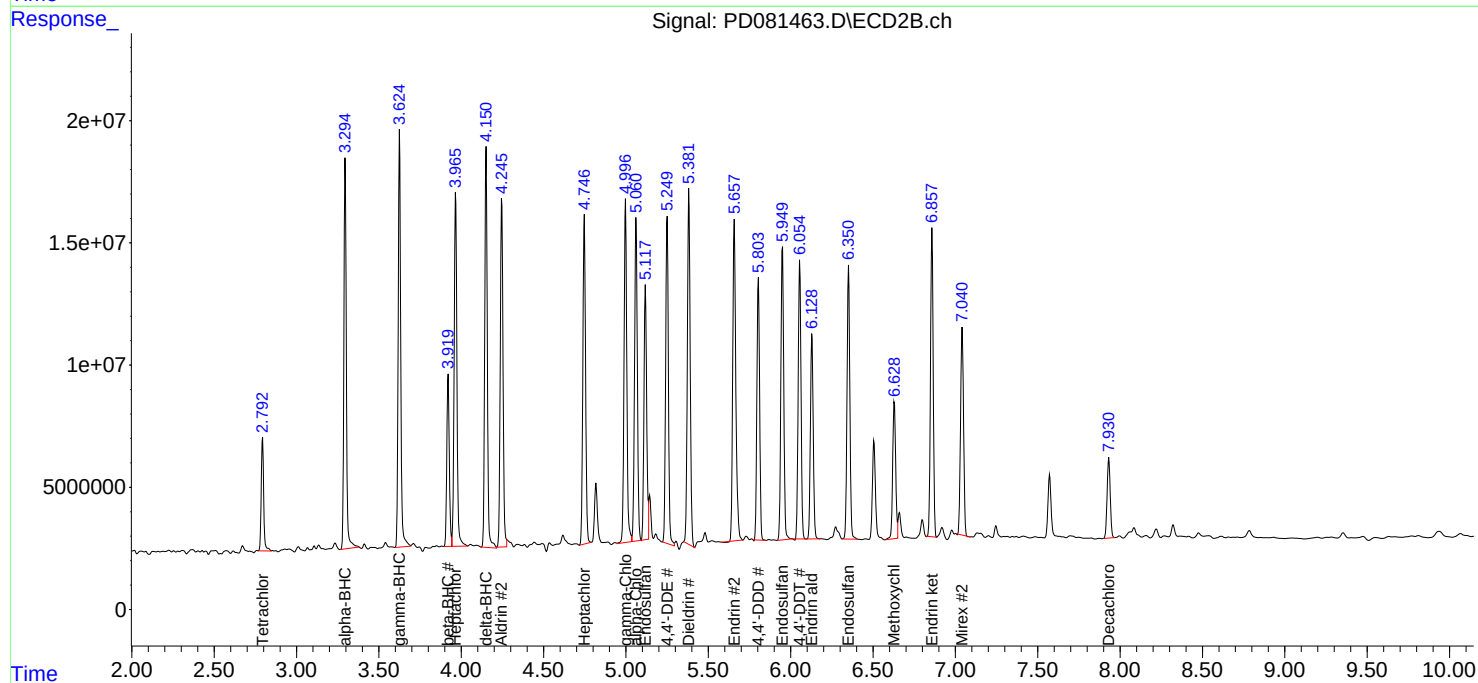
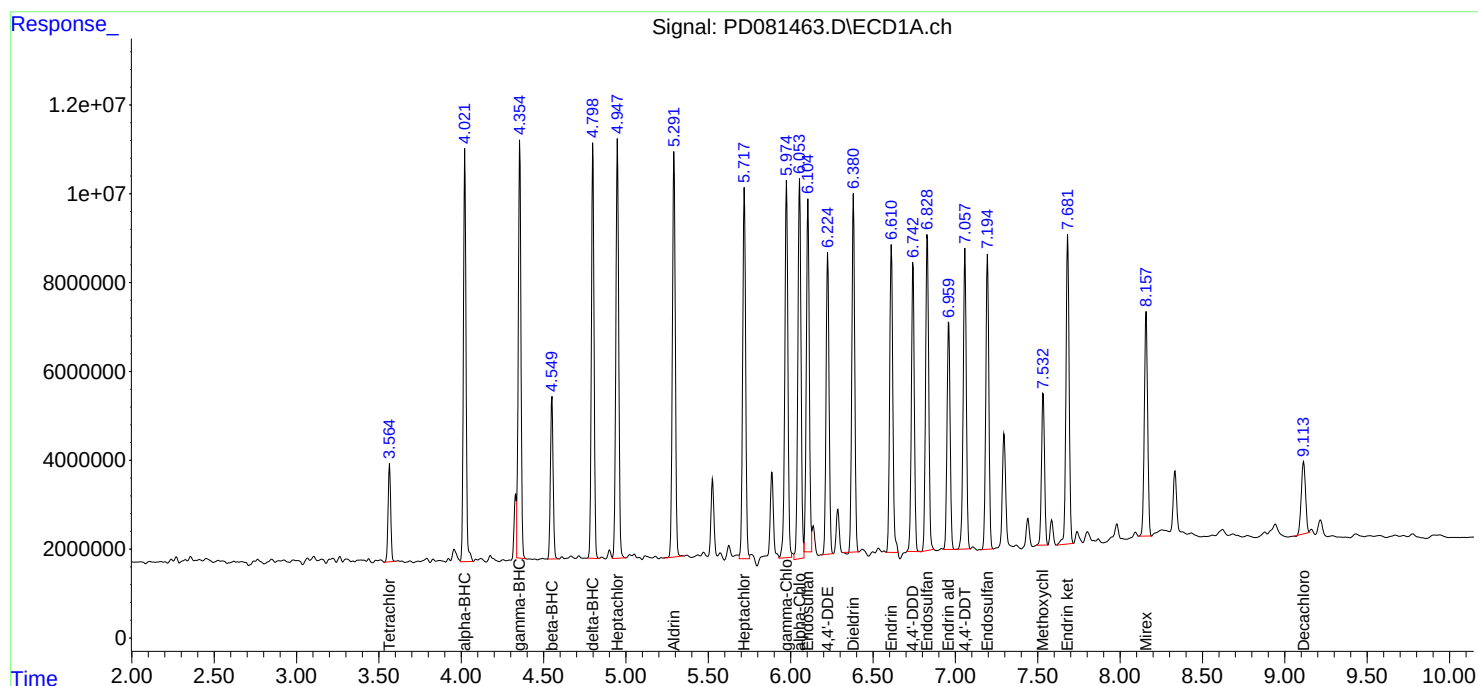
Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

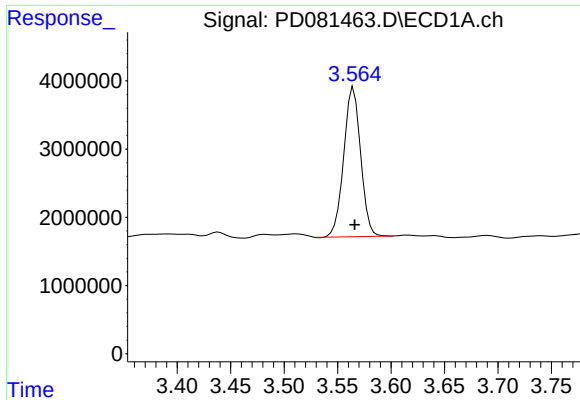
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 16 11:27:03 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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





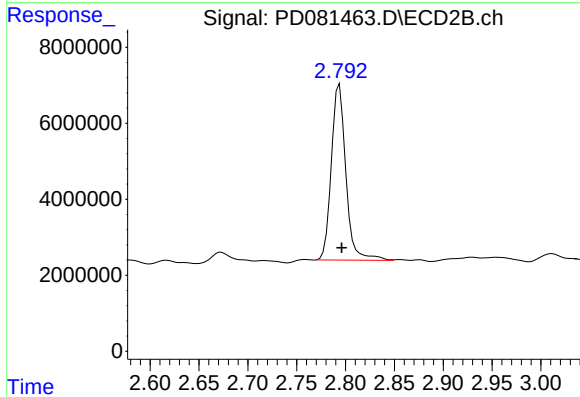
#1 Tetrachloro-m-xylene

R.T.: 3.565 min  
Delta R.T.: -0.001 min  
Response: 24110235  
Conc: 16.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

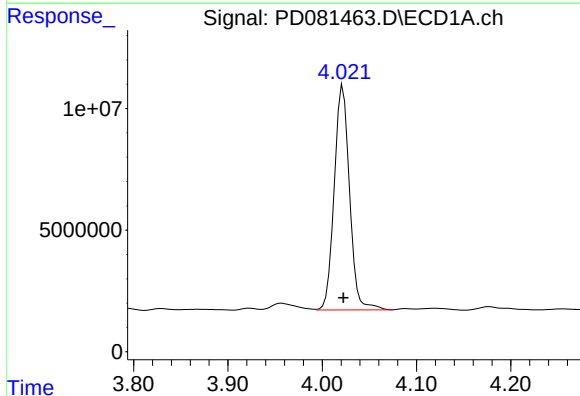
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



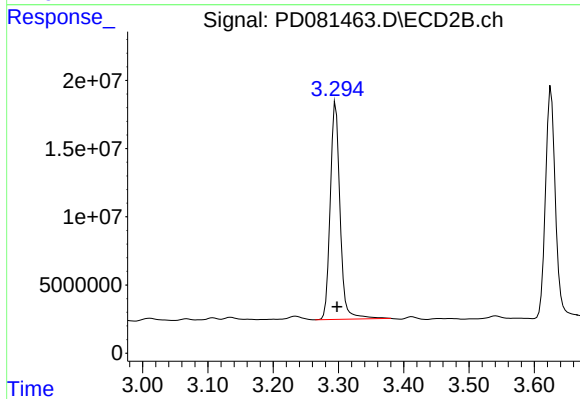
#1 Tetrachloro-m-xylene

R.T.: 2.794 min  
Delta R.T.: -0.002 min  
Response: 47957007  
Conc: 20.05 ng/ml



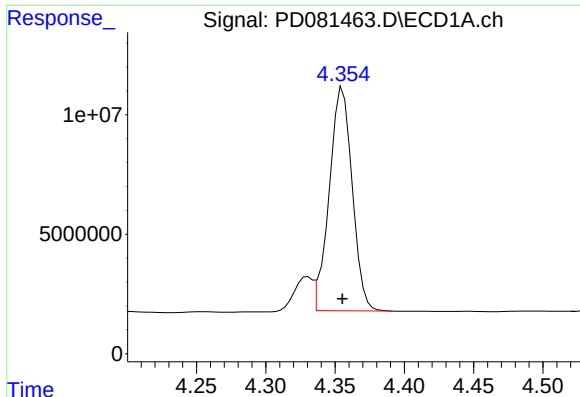
#2 alpha-BHC

R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 104246810  
Conc: 41.97 ng/ml



#2 alpha-BHC

R.T.: 3.296 min  
Delta R.T.: -0.002 min  
Response: 166355228  
Conc: 43.35 ng/ml



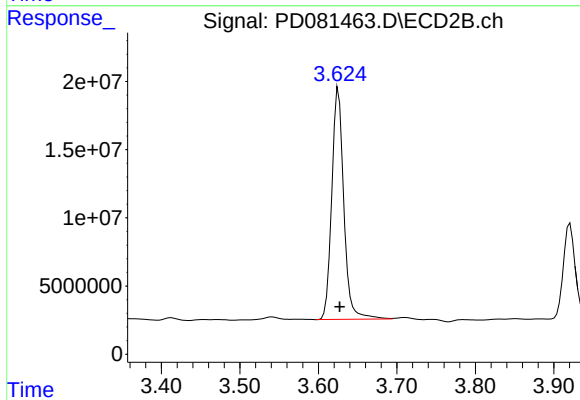
#3 gamma-BHC (Lindane)

R.T.: 4.354 min  
Delta R.T.: -0.001 min  
Response: 106604053  
Conc: 43.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

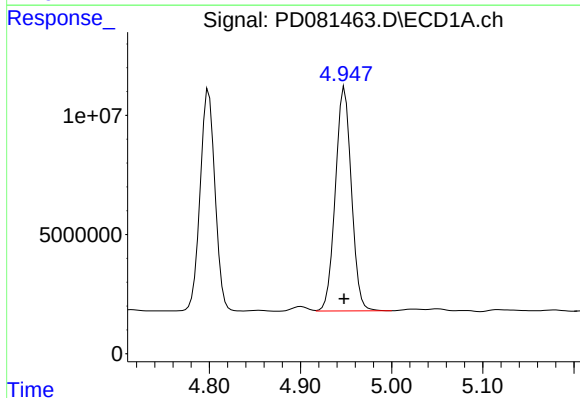
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



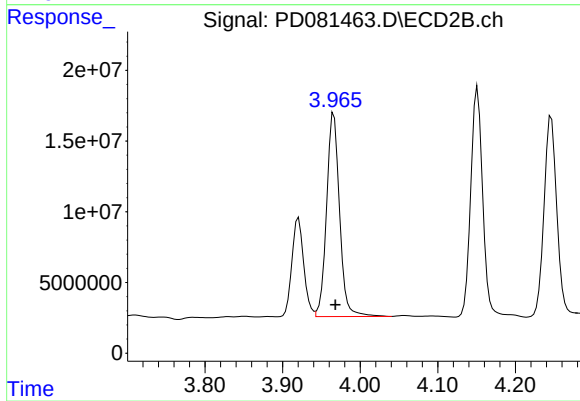
#3 gamma-BHC (Lindane)

R.T.: 3.626 min  
Delta R.T.: -0.001 min  
Response: 181203568  
Conc: 48.46 ng/ml



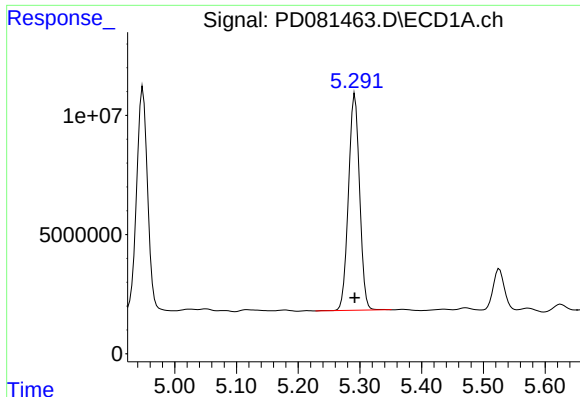
#4 Heptachlor

R.T.: 4.948 min  
Delta R.T.: 0.000 min  
Response: 114709151  
Conc: 46.51 ng/ml



#4 Heptachlor

R.T.: 3.966 min  
Delta R.T.: -0.002 min  
Response: 167930040  
Conc: 48.70 ng/ml



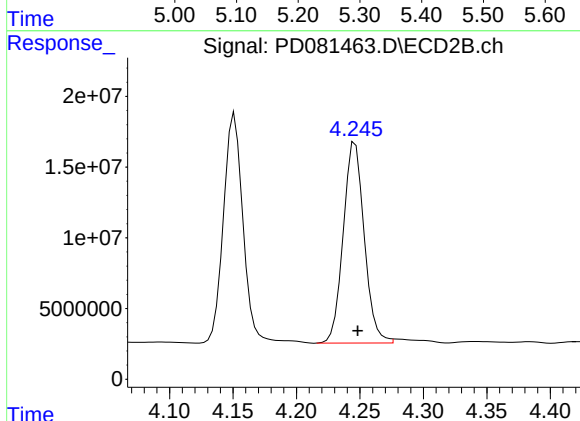
#5 Aldrin

R.T.: 5.292 min  
Delta R.T.: 0.000 min  
Response: 114071999  
Conc: 46.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

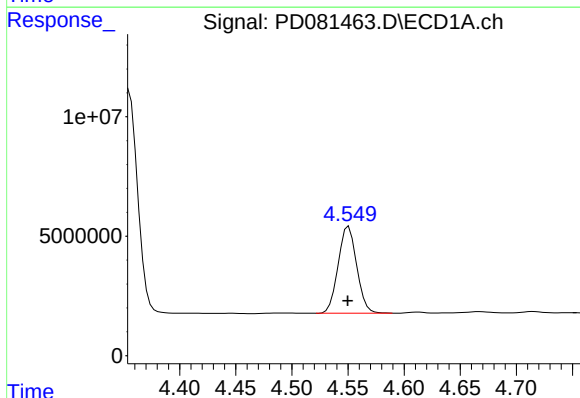
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



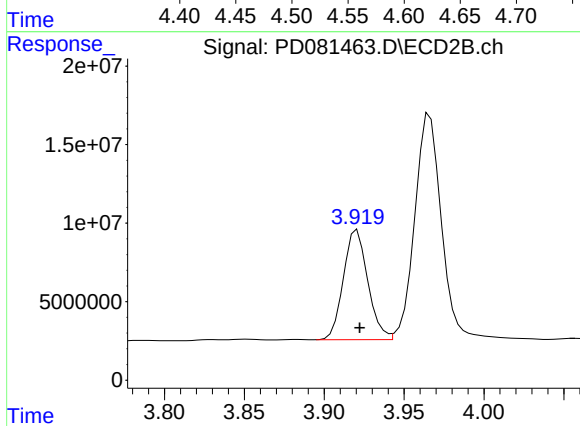
#5 Aldrin

R.T.: 4.245 min  
Delta R.T.: -0.004 min  
Response: 163480086  
Conc: 44.89 ng/ml m



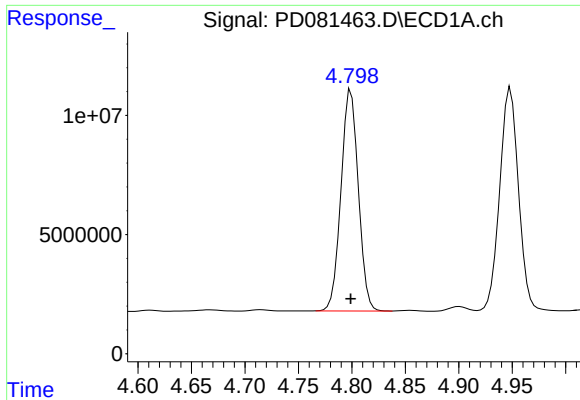
#6 beta-BHC

R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 41837243  
Conc: 41.35 ng/ml



#6 beta-BHC

R.T.: 3.921 min  
Delta R.T.: -0.002 min  
Response: 74349317  
Conc: 47.58 ng/ml



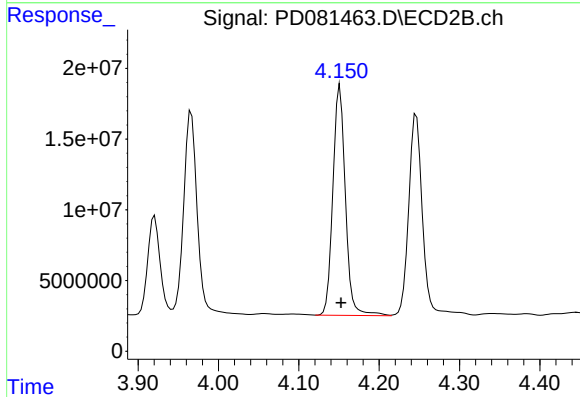
#7 delta-BHC

R.T.: 4.799 min  
Delta R.T.: 0.000 min  
Response: 105020932  
Conc: 41.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

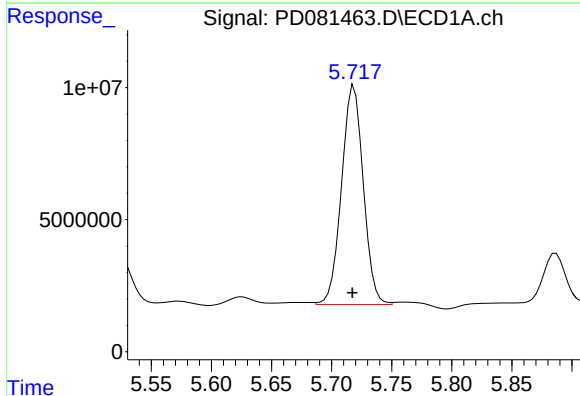
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



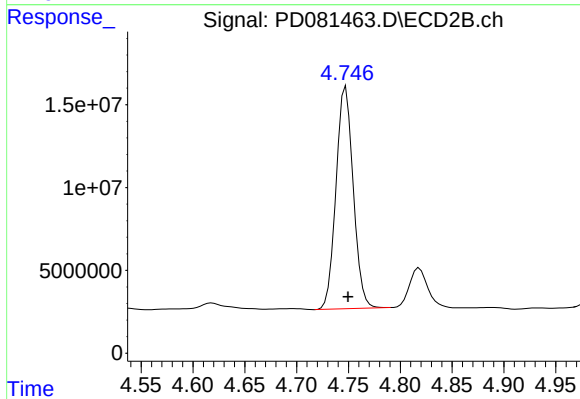
#7 delta-BHC

R.T.: 4.151 min  
Delta R.T.: -0.002 min  
Response: 176348277  
Conc: 46.99 ng/ml



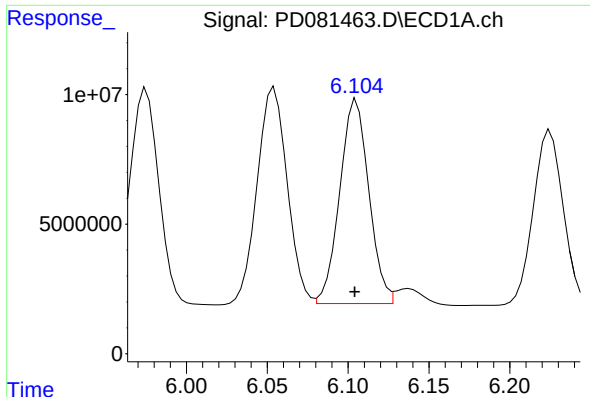
#8 Heptachlor epoxide

R.T.: 5.717 min  
Delta R.T.: 0.000 min  
Response: 104908825  
Conc: 46.85 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.747 min  
Delta R.T.: -0.002 min  
Response: 155042079  
Conc: 46.29 ng/ml



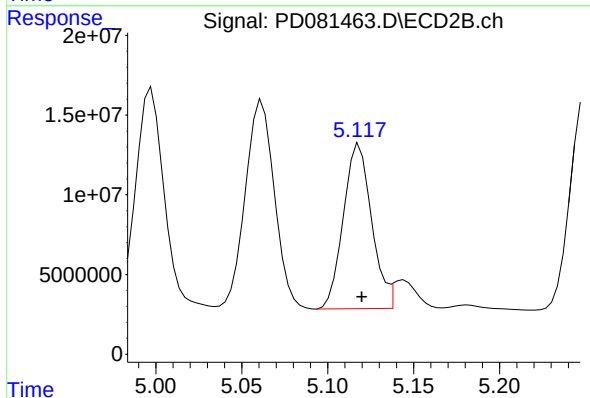
#9 Endosulfan I

R.T.: 6.104 min  
Delta R.T.: 0.000 min  
Response: 98988053  
Conc: 47.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

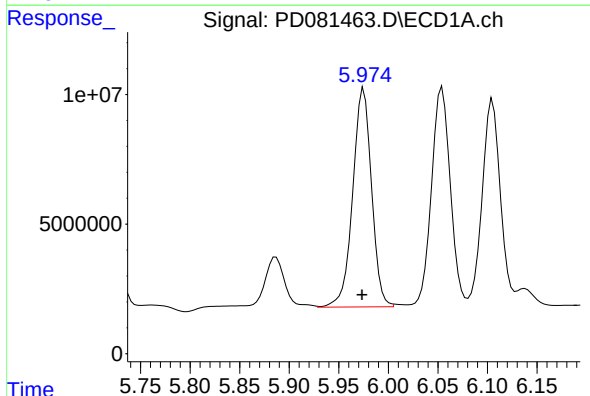
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



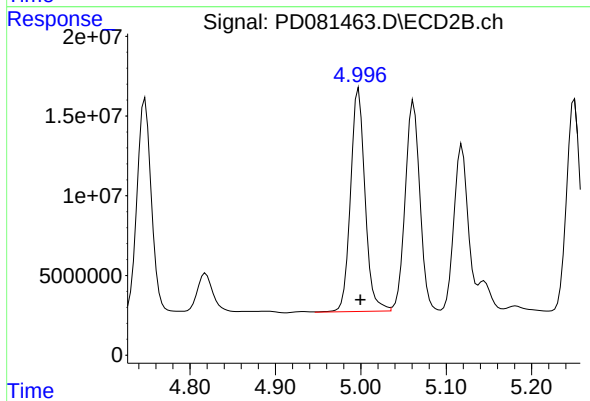
#9 Endosulfan I

R.T.: 5.118 min  
Delta R.T.: -0.001 min  
Response: 118186390  
Conc: 38.59 ng/ml



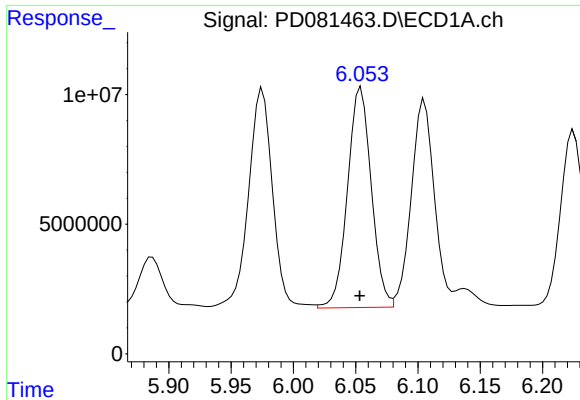
#10 gamma-Chlordane

R.T.: 5.974 min  
Delta R.T.: 0.000 min  
Response: 111665361  
Conc: 51.01 ng/ml m



#10 gamma-Chlordane

R.T.: 4.997 min  
Delta R.T.: -0.002 min  
Response: 165063330  
Conc: 50.46 ng/ml



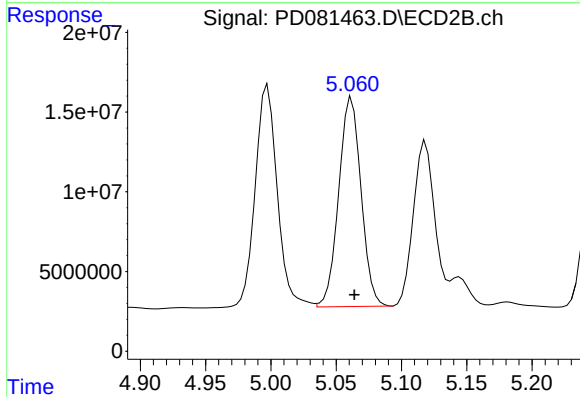
#11 alpha-Chlordane

R.T.: 6.054 min  
Delta R.T.: 0.001 min  
Response: 113425528  
Conc: 52.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

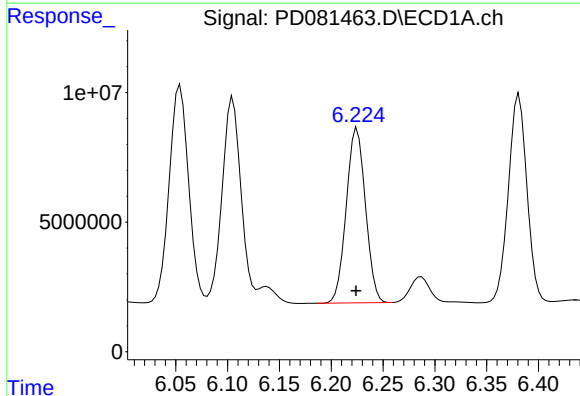
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



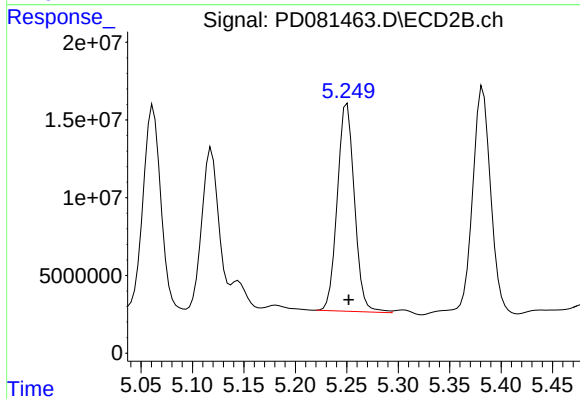
#11 alpha-Chlordane

R.T.: 5.062 min  
Delta R.T.: -0.002 min  
Response: 156288640  
Conc: 47.80 ng/ml



#12 4,4'-DDE

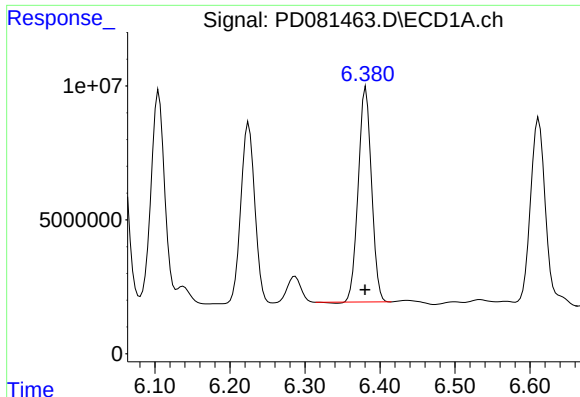
R.T.: 6.225 min  
Delta R.T.: 0.000 min  
Response: 86801169  
Conc: 42.66 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min  
Delta R.T.: -0.002 min  
Response: 154754360  
Conc: 50.52 ng/ml





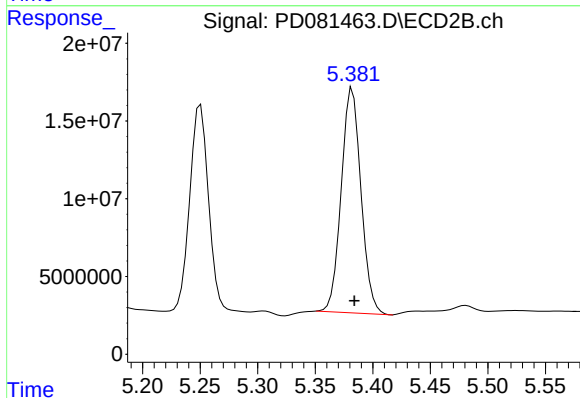
#13 Dieldrin

R.T.: 6.381 min  
Delta R.T.: 0.001 min  
Response: 98455412  
Conc: 44.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

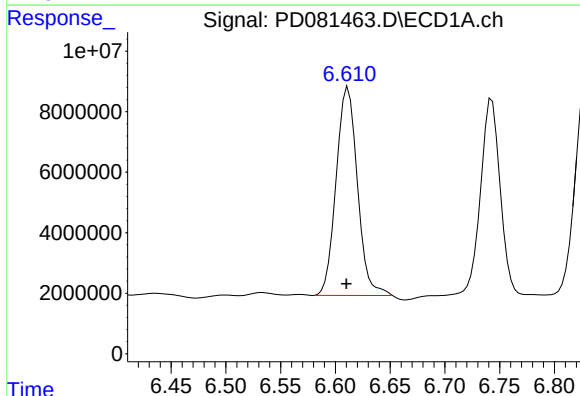
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



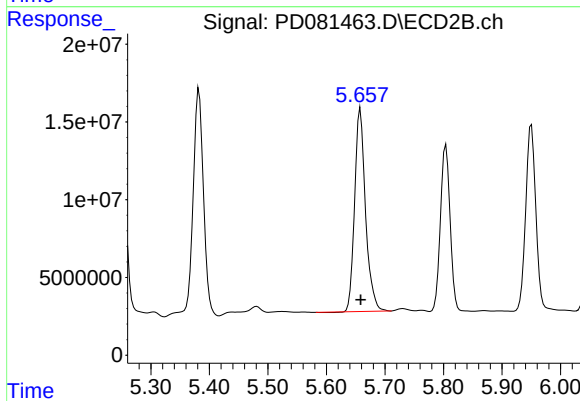
#13 Dieldrin

R.T.: 5.382 min  
Delta R.T.: -0.002 min  
Response: 173397797  
Conc: 50.99 ng/ml



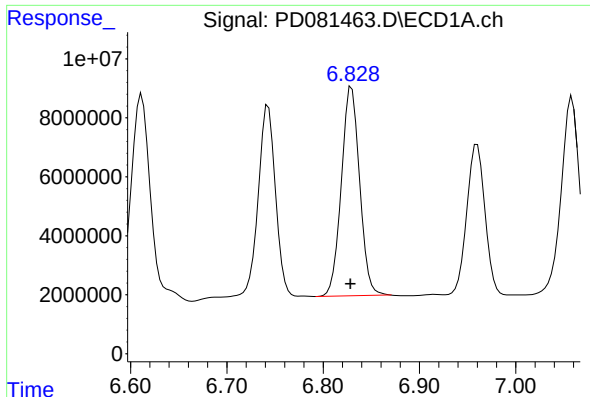
#14 Endrin

R.T.: 6.612 min  
Delta R.T.: 0.002 min  
Response: 93151168  
Conc: 49.87 ng/ml



#14 Endrin

R.T.: 5.658 min  
Delta R.T.: 0.000 min  
Response: 168755103  
Conc: 56.95 ng/ml



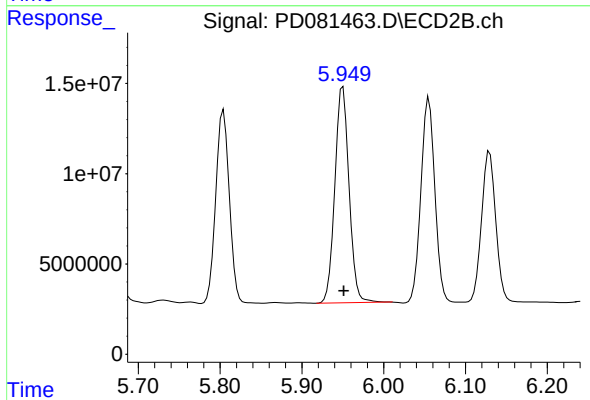
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: 0.001 min  
Response: 93187988  
Conc: 48.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

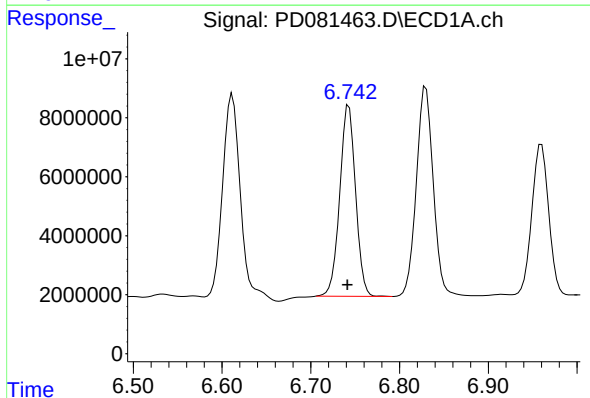
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



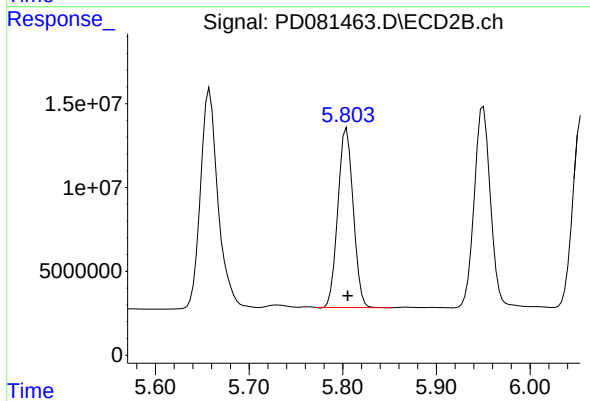
#15 Endosulfan II

R.T.: 5.950 min  
Delta R.T.: -0.001 min  
Response: 144425800  
Conc: 50.22 ng/ml



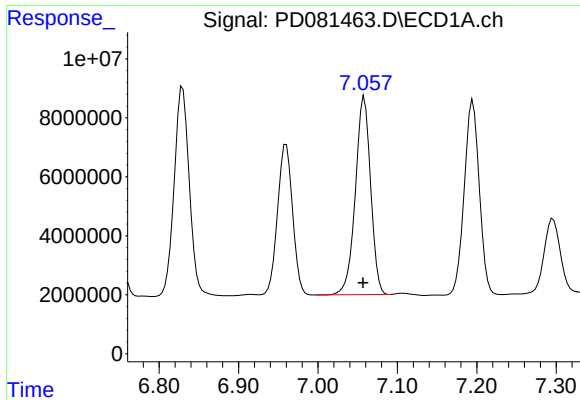
#16 4,4'-DDD

R.T.: 6.743 min  
Delta R.T.: 0.002 min  
Response: 80412181  
Conc: 48.94 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min  
Delta R.T.: -0.001 min  
Response: 121803929  
Conc: 46.40 ng/ml



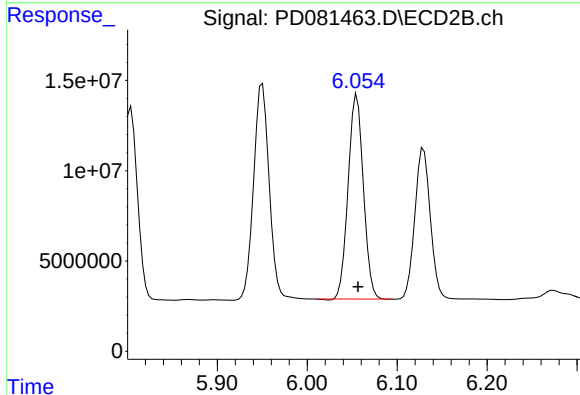
#17 4,4'-DDT

R.T.: 7.058 min  
Delta R.T.: 0.002 min  
Response: 89584396  
Conc: 50.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

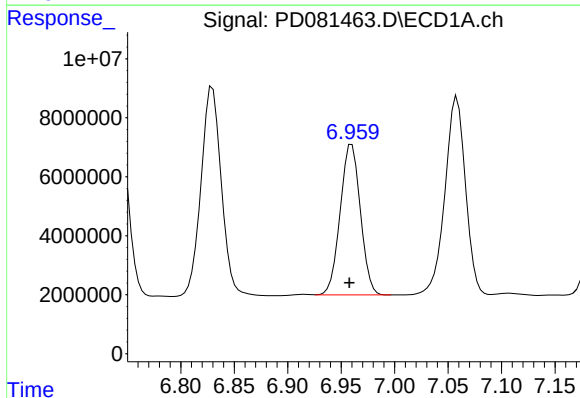
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



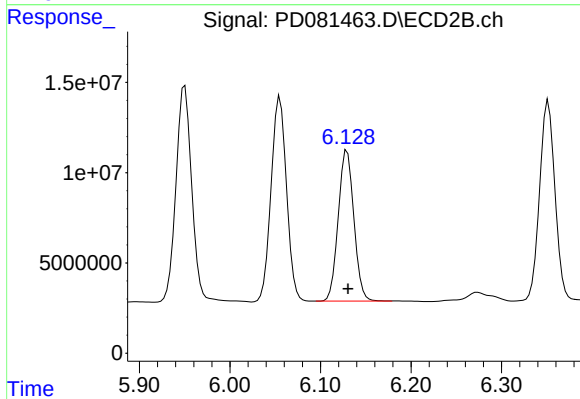
#17 4,4'-DDT

R.T.: 6.055 min  
Delta R.T.: -0.001 min  
Response: 133286459  
Conc: 50.24 ng/ml



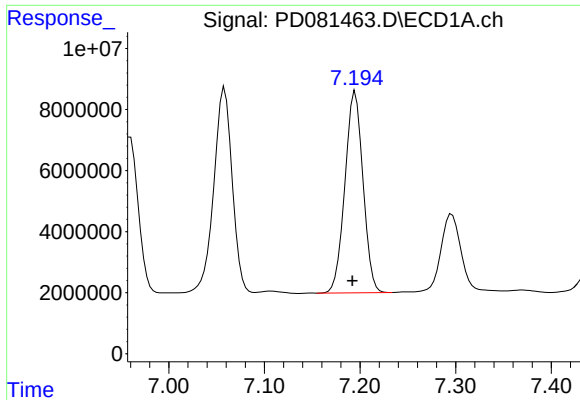
#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: 0.002 min  
Response: 67165335  
Conc: 44.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min  
Delta R.T.: -0.001 min  
Response: 100229840  
Conc: 44.45 ng/ml



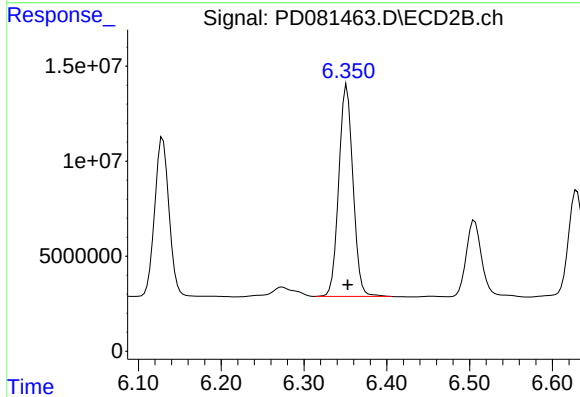
#19 Endosulfan Sulfate

R.T.: 7.195 min  
Delta R.T.: 0.003 min  
Response: 86936124  
Conc: 45.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

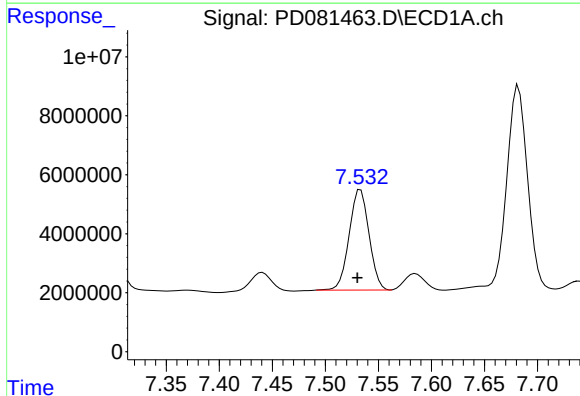
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



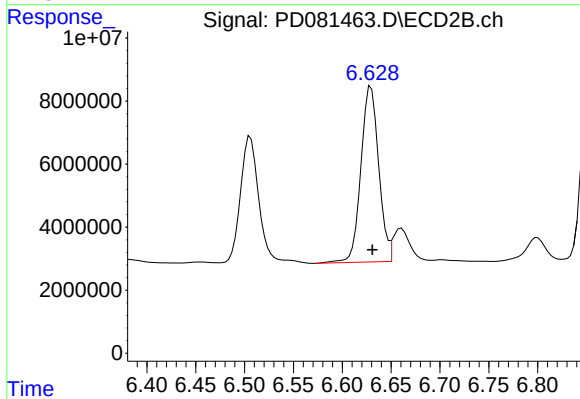
#19 Endosulfan Sulfate

R.T.: 6.352 min  
Delta R.T.: -0.001 min  
Response: 132756997  
Conc: 47.59 ng/ml



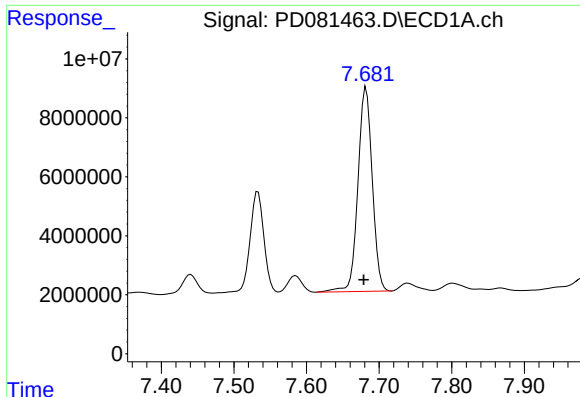
#20 Methoxychlor

R.T.: 7.533 min  
Delta R.T.: 0.003 min  
Response: 44326534  
Conc: 43.07 ng/ml



#20 Methoxychlor

R.T.: 6.629 min  
Delta R.T.: -0.001 min  
Response: 70513153  
Conc: 45.05 ng/ml



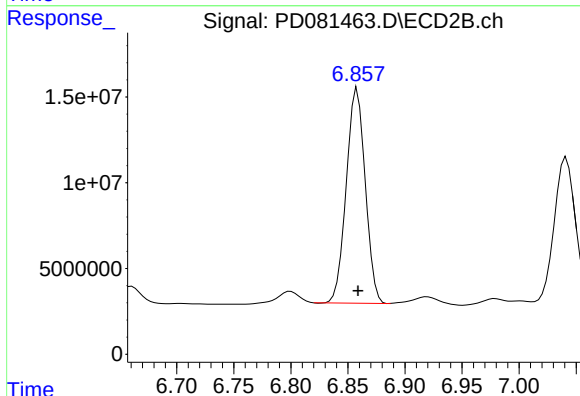
#21 Endrin ketone

R.T.: 7.682 min  
Delta R.T.: 0.003 min  
Response: 94596105  
Conc: 45.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

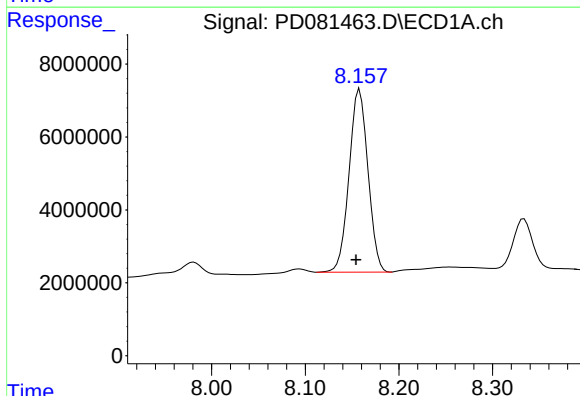
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



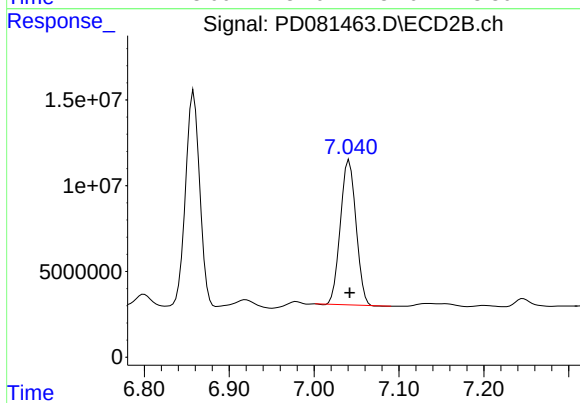
#21 Endrin ketone

R.T.: 6.858 min  
Delta R.T.: 0.000 min  
Response: 144818585  
Conc: 44.88 ng/ml



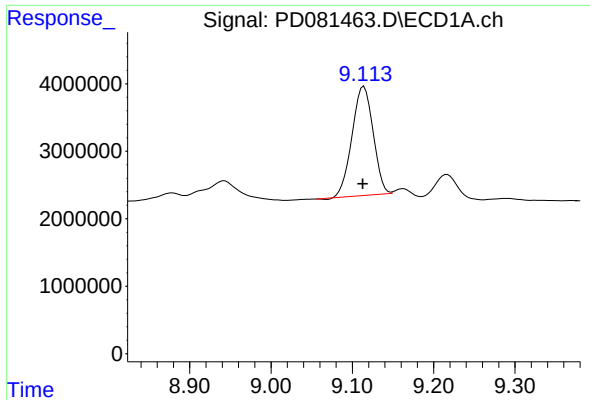
#22 Mirex

R.T.: 8.158 min  
Delta R.T.: 0.004 min  
Response: 70383684  
Conc: 42.67 ng/ml



#22 Mirex

R.T.: 7.041 min  
Delta R.T.: 0.000 min  
Response: 108019879  
Conc: 42.87 ng/ml



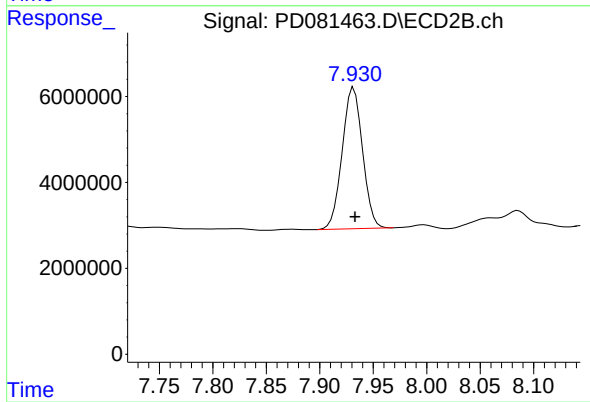
#28 Decachlorobiphenyl

R.T.: 9.114 min  
Delta R.T.: 0.001 min  
Response: 29027668  
Conc: 14.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RT-2327MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
Supervised By :Ankita Jodhani 02/19/2024



#28 Decachlorobiphenyl

R.T.: 7.932 min  
Delta R.T.: -0.001 min  
Response: 43643035  
Conc: 16.38 ng/ml