

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060322\  
 Data File : PD070001.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jun 2022 02:06  
 Operator : AR\AJ  
 Sample : N2986-07MS  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 P027-SS001-1824-01MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/03/2022  
 Supervised By : Ankita Jodhani 06/03/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 03 05:41:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052622.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 26 05:06:06 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... | 3.441 | 4.169 | 18982436 | 187.0E6 | 17.837  | 21.216   |
| 28)                         | SA Decachlor... | 8.194 | 9.364 | 17548052 | 104.7E6 | 16.088  | 19.357   |
| Target Compounds            |                 |       |       |          |         |         |          |
| 2)                          | A alpha-BHC     | 3.880 | 4.564 | 87919194 | 785.8E6 | 53.651  | 60.007   |
| 3)                          | MA gamma-BHC... | 4.163 | 4.855 | 82802128 | 721.4E6 | 47.975  | 58.477   |
| 4)                          | MA Heptachlor   | 4.460 | 5.382 | 77348057 | 679.7E6 | 51.810  | 58.385   |
| 5)                          | MB Aldrin       | 4.707 | 5.695 | 78356291 | 687.5E6 | 54.067  | 59.598   |
| 6)                          | B beta-BHC      | 4.414 | 5.019 | 34643892 | 309.2E6 | 49.777  | 58.872   |
| 7)                          | B delta-BHC     | 4.618 | 5.244 | 77621703 | 619.0E6 | 50.947  | 65.070 # |
| 8)                          | B Heptachlo...  | 5.152 | 6.083 | 72205210 | 592.2E6 | 54.070  | 75.258 # |
| 9)                          | A Endosulfan I  | 5.490 | 6.446 | 66517572 | 537.4E6 | 53.087  | 58.921   |
| 10)                         | B gamma-Chl...  | 5.376 | 6.318 | 71198446 | 590.3E6 | 52.617m | 59.561m  |
| 11)                         | B alpha-Chl...  | 5.436 | 6.394 | 70936083 | 575.1E6 | 53.282  | 59.170   |
| 12)                         | B 4,4'-DDE      | 5.601 | 6.544 | 69682534 | 575.4E6 | 55.000  | 63.590   |
| 13)                         | MA Dieldrin     | 5.734 | 6.703 | 85938369 | 703.5E6 | 65.287  | 74.573   |
| 14)                         | MA Endrin       | 5.991 | 6.924 | 68189588 | 451.8E6 | 59.055  | 66.945   |
| 15)                         | B Endosulfa...  | 6.266 | 7.128 | 62191071 | 502.0E6 | 55.910  | 67.587m  |
| 16)                         | A 4,4'-DDD      | 6.118 | 7.039 | 59922073 | 727.5E6 | 55.381  | 98.235m# |
| 17)                         | MA 4,4'-DDT     | 6.356 | 7.338 | 105.9E6  | 401.5E6 | 106.822 | 54.868 # |
| 18)                         | B Endrin al...  | 6.436 | 7.253 | 61633071 | 390.9E6 | 71.733  | 68.082m  |
| 19)                         | B Endosulfa...  | 6.646 | 7.478 | 94646344 | 445.2E6 | 82.107  | 60.377m# |
| 20)                         | A Methoxychlor  | 6.899 | 7.792 | 28304477 | 201.2E6 | 49.893m | 56.440m  |
| 21)                         | B Endrin ke...  | 7.140 | 7.954 | 75404634 | 459.6E6 | 56.586m | 57.729   |
| 22)                         | Mirex           | 7.324 | 8.420 | 51887768 | 313.7E6 | 51.603  | 58.718   |
| -----                       |                 |       |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060322\  
Data File : PD070001.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jun 2022 02:06  
Operator : AR\AJ  
Sample : N2986-07MS  
Misc :  
ALS Vial : 44 Sample Multiplier: 1

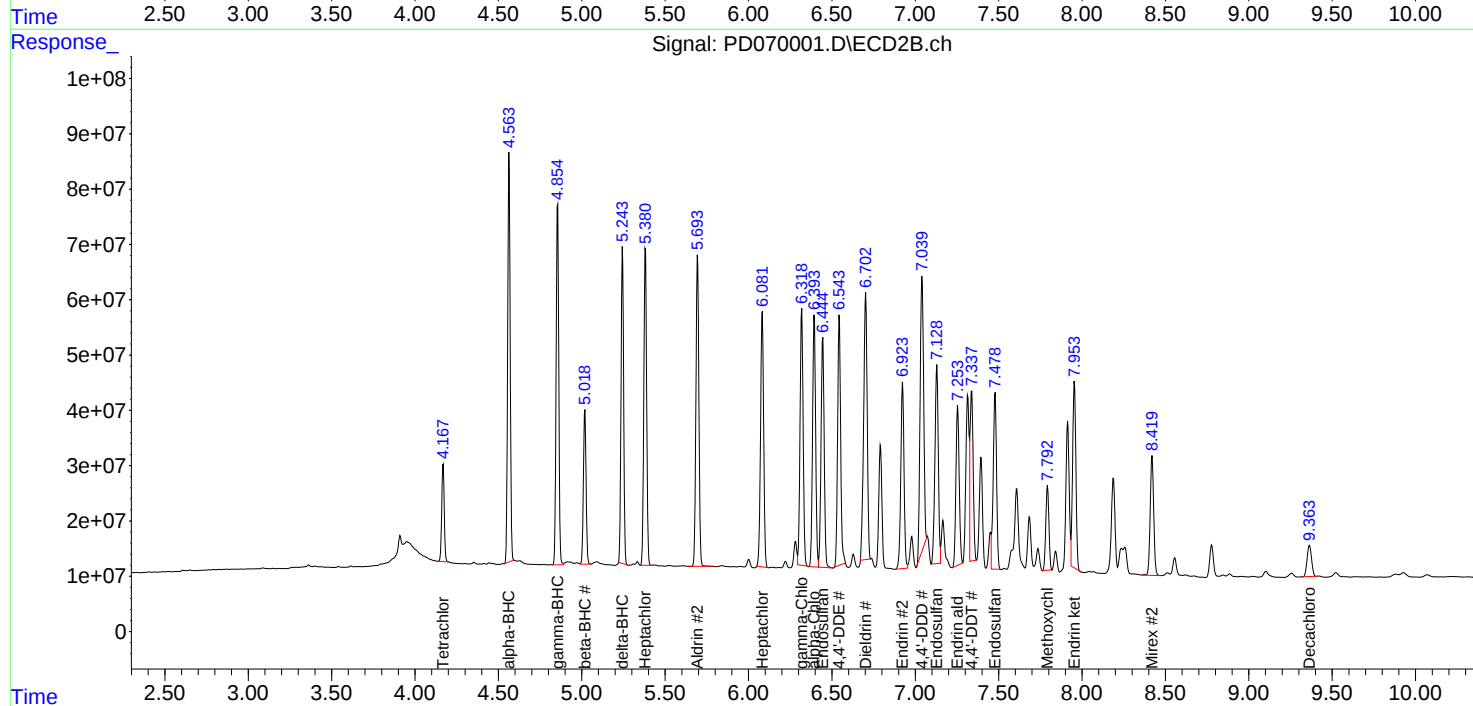
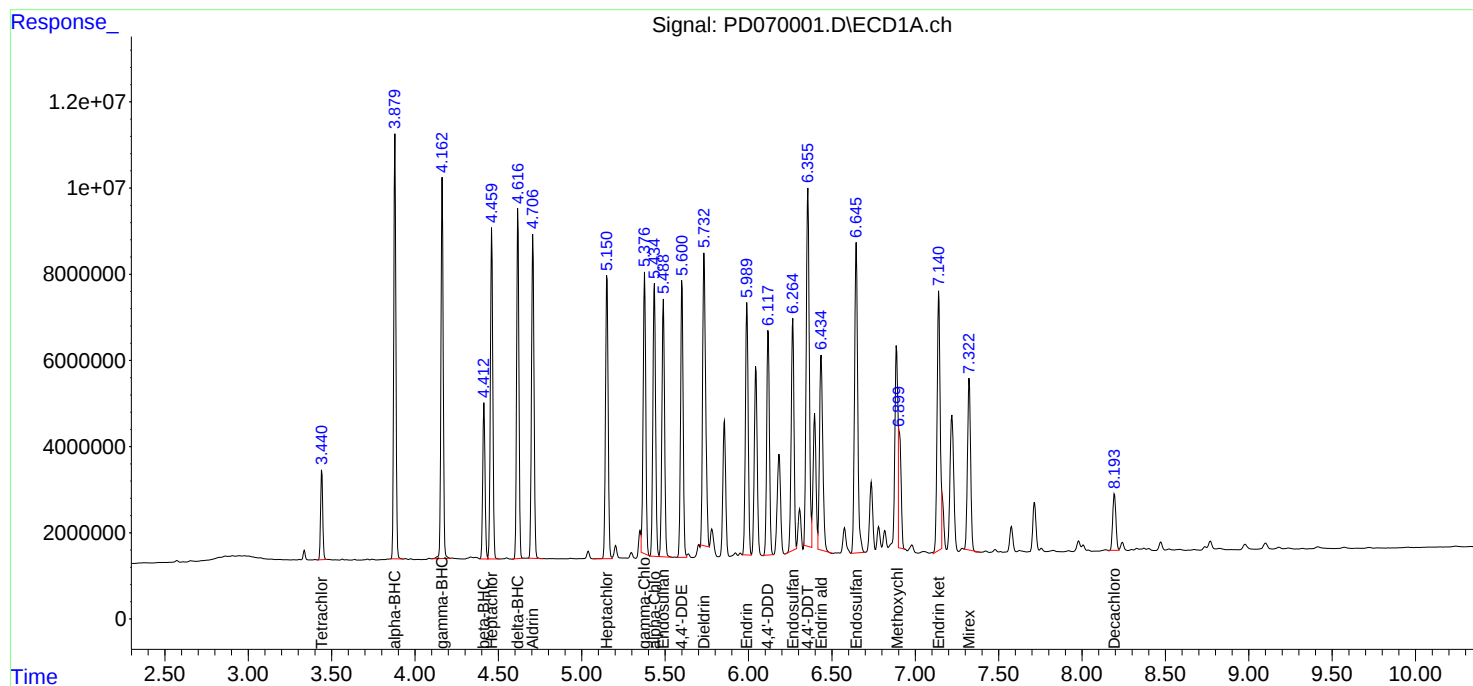
Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

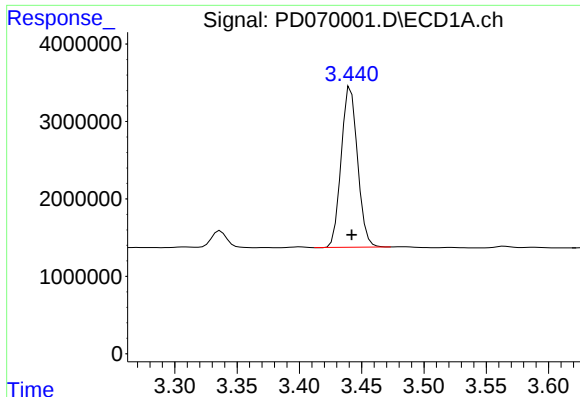
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 06/03/2022  
Supervised By : Ankita Jodhani 06/03/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 03 05:41:54 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052622.M  
Quant Title : GC Extractables  
QLast Update : Thu May 26 05:06:06 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





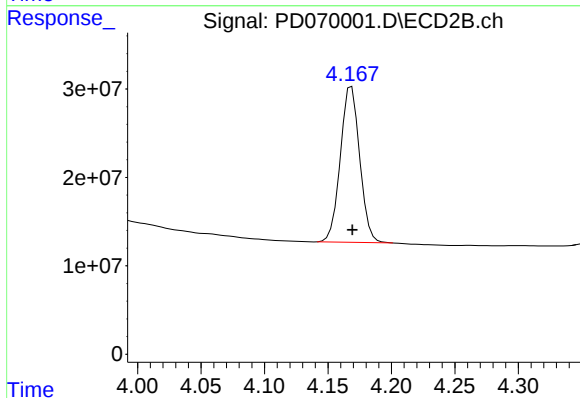
#1 Tetrachloro-m-xylene

R.T.: 3.441 min  
Delta R.T.: 0.000 min  
Response: 18982436  
Conc: 17.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

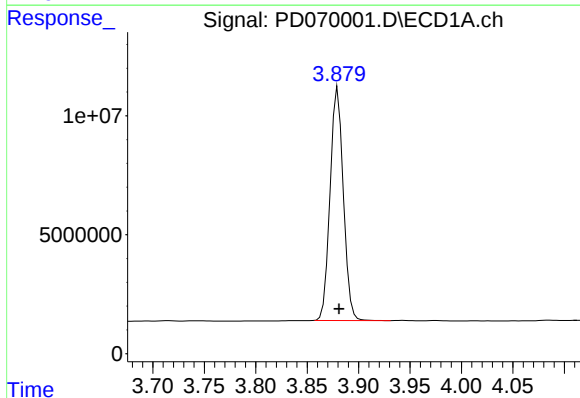
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



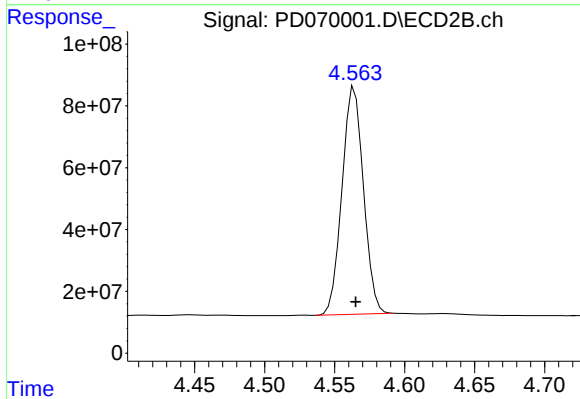
#1 Tetrachloro-m-xylene

R.T.: 4.169 min  
Delta R.T.: 0.000 min  
Response: 186950723  
Conc: 21.22 ng/ml



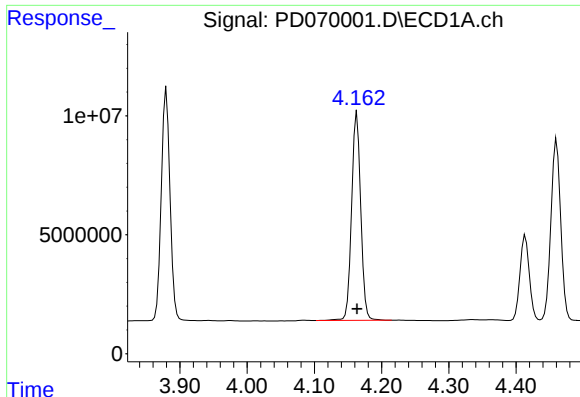
#2 alpha-BHC

R.T.: 3.880 min  
Delta R.T.: -0.001 min  
Response: 87919194  
Conc: 53.65 ng/ml



#2 alpha-BHC

R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 785793038  
Conc: 60.01 ng/ml



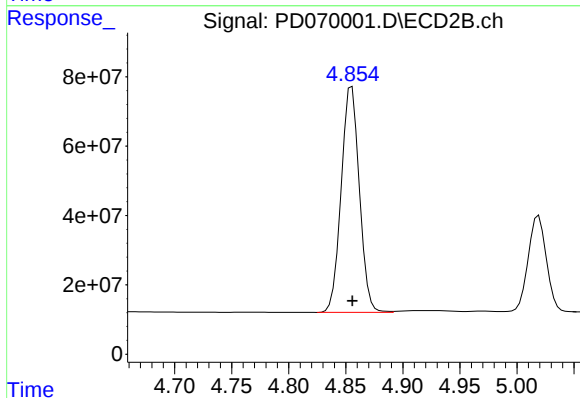
#3 gamma-BHC (Lindane)

R.T.: 4.163 min  
Delta R.T.: 0.000 min  
Response: 82802128  
Conc: 47.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

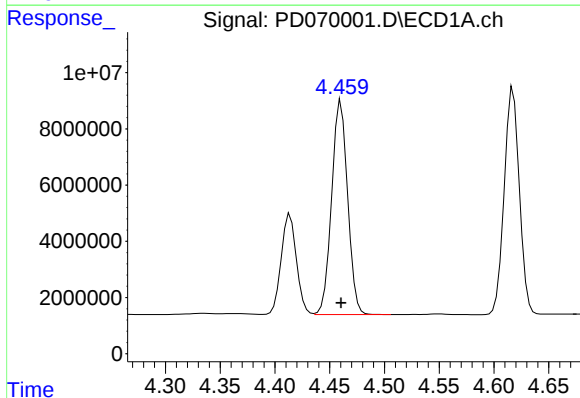
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



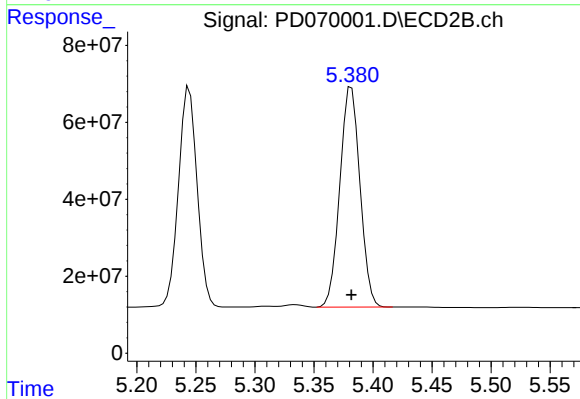
#3 gamma-BHC (Lindane)

R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 721367671  
Conc: 58.48 ng/ml



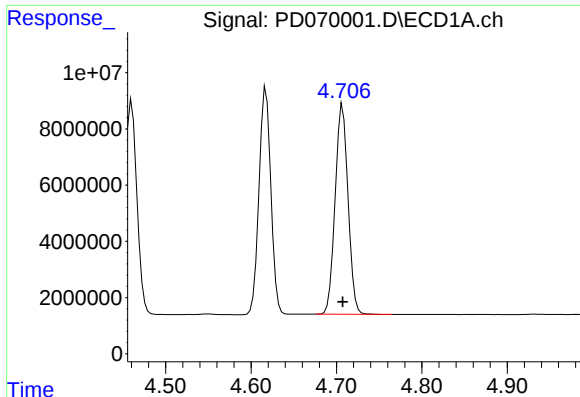
#4 Heptachlor

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 77348057  
Conc: 51.81 ng/ml



#4 Heptachlor

R.T.: 5.382 min  
Delta R.T.: 0.000 min  
Response: 679701339  
Conc: 58.39 ng/ml



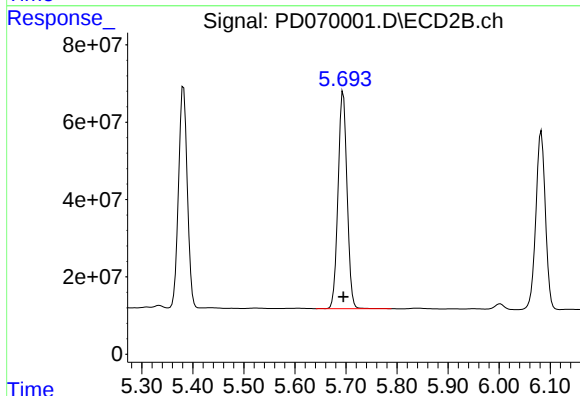
#5 Aldrin

R.T.: 4.707 min  
Delta R.T.: 0.000 min  
Response: 78356291  
Conc: 54.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

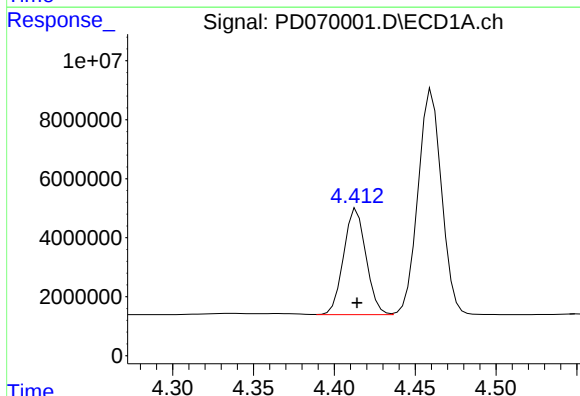
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



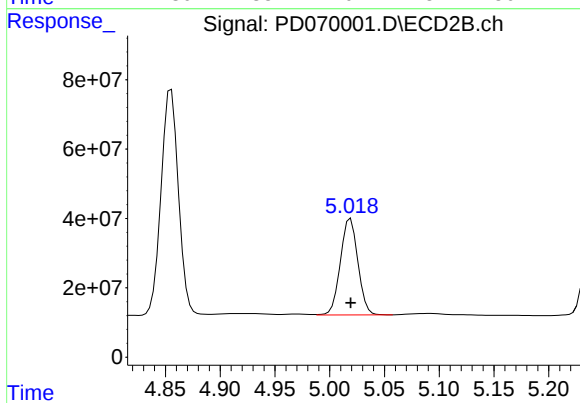
#5 Aldrin

R.T.: 5.695 min  
Delta R.T.: 0.000 min  
Response: 687522807  
Conc: 59.60 ng/ml



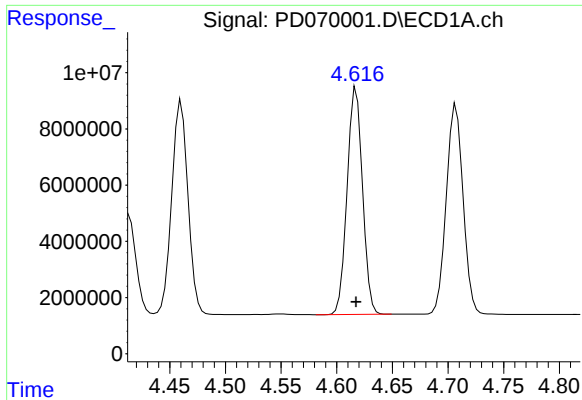
#6 beta-BHC

R.T.: 4.414 min  
Delta R.T.: 0.000 min  
Response: 34643892  
Conc: 49.78 ng/ml



#6 beta-BHC

R.T.: 5.019 min  
Delta R.T.: 0.000 min  
Response: 309249817  
Conc: 58.87 ng/ml



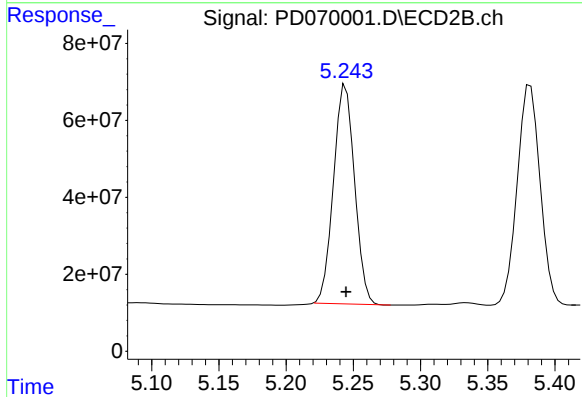
#7 delta-BHC

R.T.: 4.618 min  
Delta R.T.: 0.000 min  
Response: 77621703  
Conc: 50.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

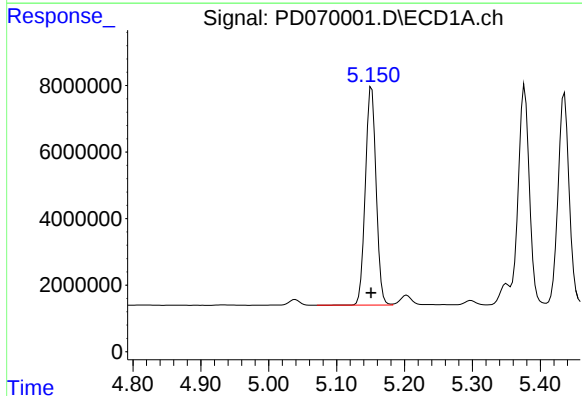
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



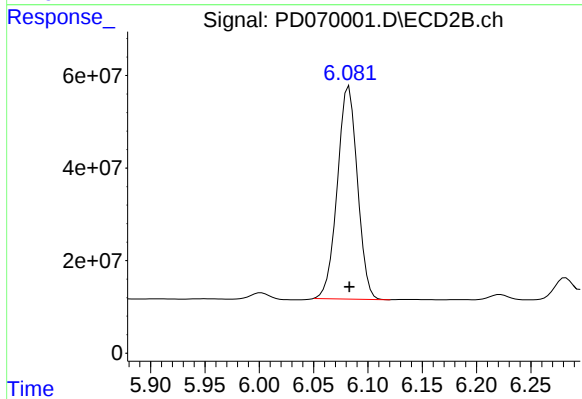
#7 delta-BHC

R.T.: 5.244 min  
Delta R.T.: 0.000 min  
Response: 619033368  
Conc: 65.07 ng/ml



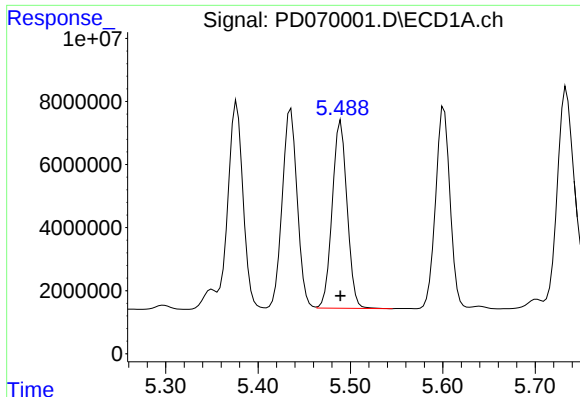
#8 Heptachlor epoxide

R.T.: 5.152 min  
Delta R.T.: 0.000 min  
Response: 72205210  
Conc: 54.07 ng/ml



#8 Heptachlor epoxide

R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 592195904  
Conc: 75.26 ng/ml



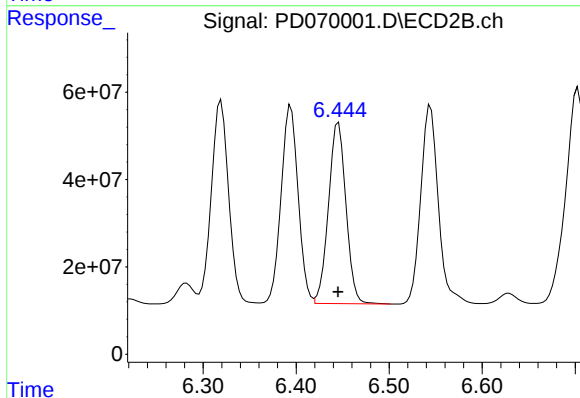
#9 Endosulfan I

R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 66517572  
Conc: 53.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

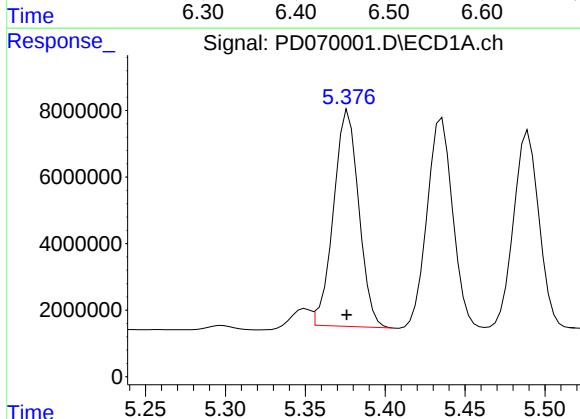
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



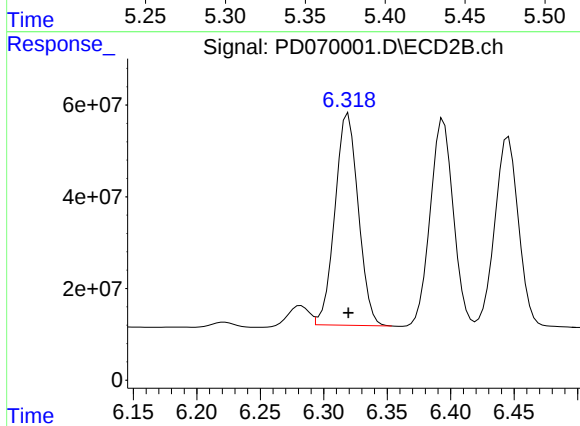
#9 Endosulfan I

R.T.: 6.446 min  
Delta R.T.: 0.000 min  
Response: 537383236  
Conc: 58.92 ng/ml



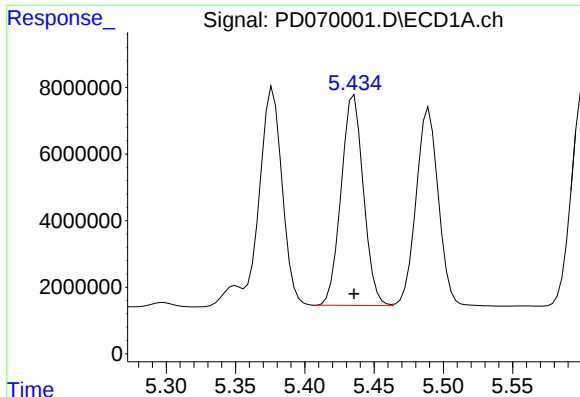
#10 gamma-Chlordane

R.T.: 5.376 min  
Delta R.T.: 0.000 min  
Response: 71198446  
Conc: 52.62 ng/ml m



#10 gamma-Chlordane

R.T.: 6.318 min  
Delta R.T.: -0.002 min  
Response: 590255433  
Conc: 59.56 ng/ml m



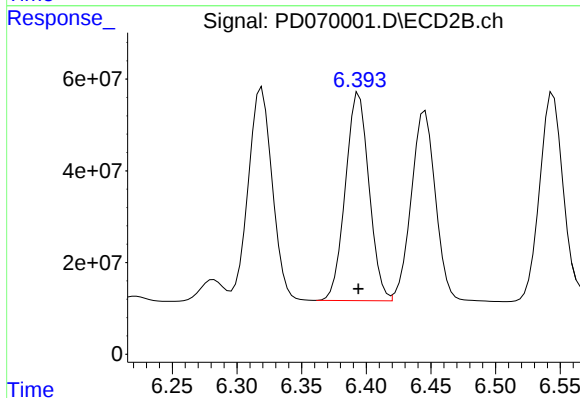
#11 alpha-Chlordane

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 70936083  
Conc: 53.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

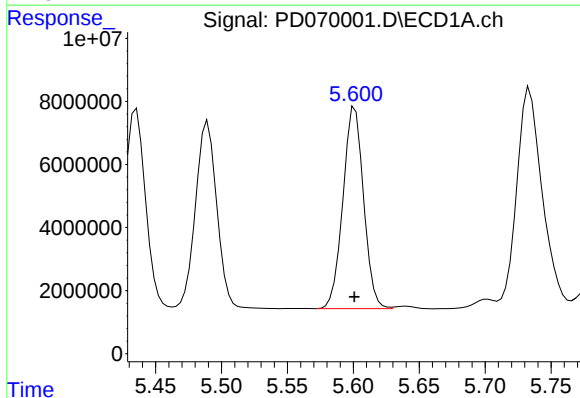
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



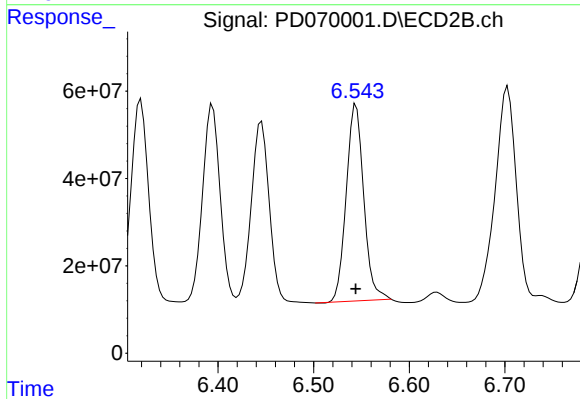
#11 alpha-Chlordane

R.T.: 6.394 min  
Delta R.T.: 0.000 min  
Response: 575059875  
Conc: 59.17 ng/ml



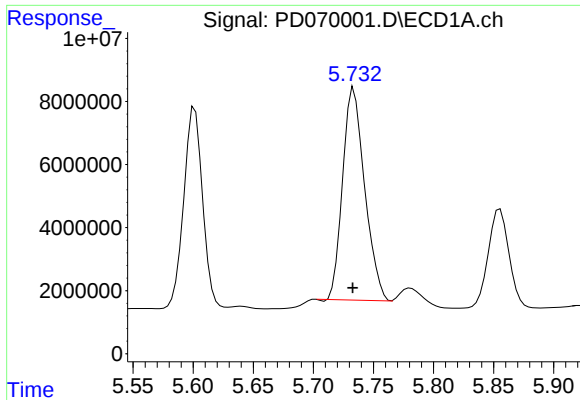
#12 4,4'-DDE

R.T.: 5.601 min  
Delta R.T.: 0.000 min  
Response: 69682534  
Conc: 55.00 ng/ml



#12 4,4'-DDE

R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 575354450  
Conc: 63.59 ng/ml



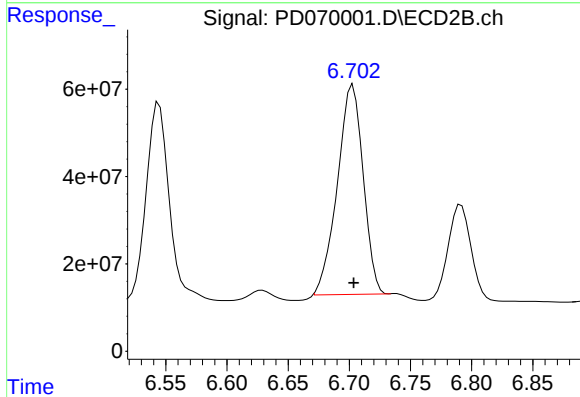
#13 Dieldrin

R.T.: 5.734 min  
Delta R.T.: 0.000 min  
Response: 85938369  
Conc: 65.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

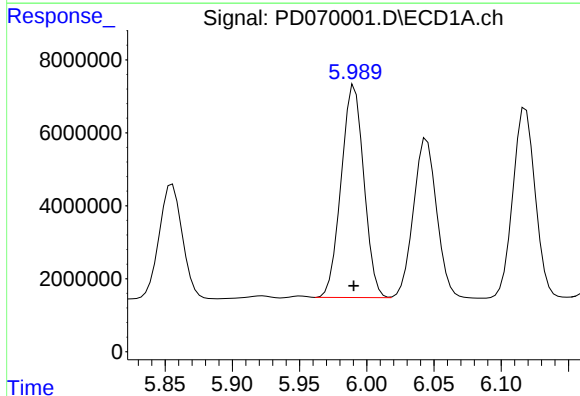
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



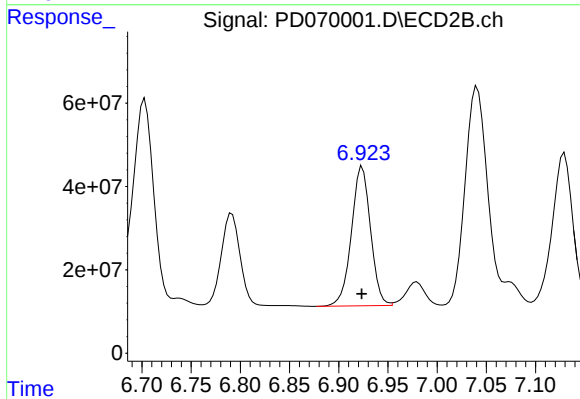
#13 Dieldrin

R.T.: 6.703 min  
Delta R.T.: 0.000 min  
Response: 703549316  
Conc: 74.57 ng/ml



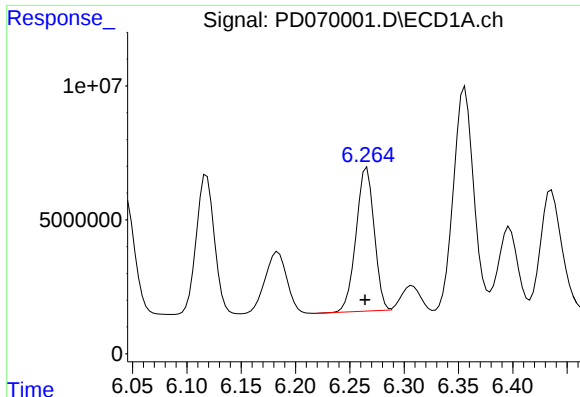
#14 Endrin

R.T.: 5.991 min  
Delta R.T.: 0.000 min  
Response: 68189588  
Conc: 59.06 ng/ml



#14 Endrin

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 451823297  
Conc: 66.94 ng/ml



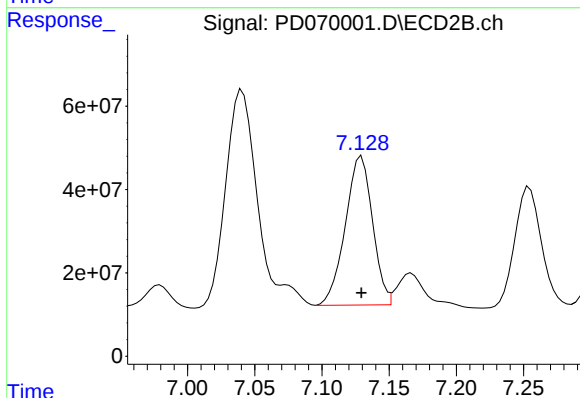
#15 Endosulfan II

R.T.: 6.266 min  
Delta R.T.: 0.002 min  
Response: 62191071  
Conc: 55.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

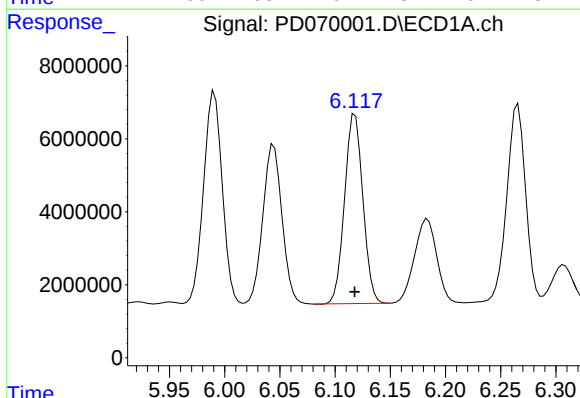
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



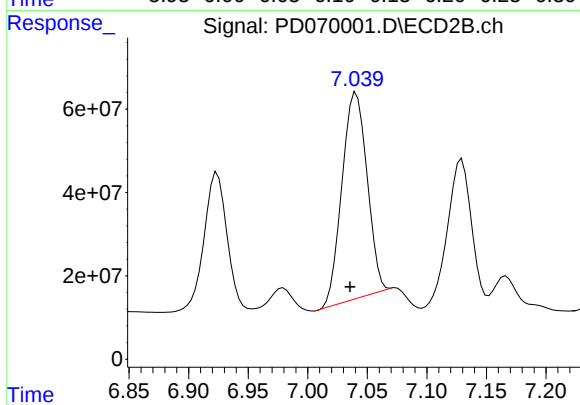
#15 Endosulfan II

R.T.: 7.128 min  
Delta R.T.: -0.002 min  
Response: 502026040  
Conc: 67.59 ng/ml m



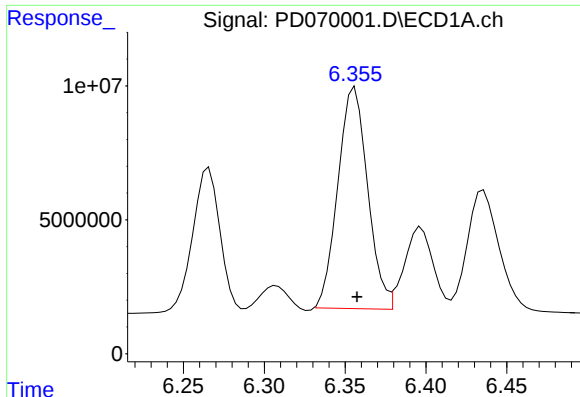
#16 4,4'-DDD

R.T.: 6.118 min  
Delta R.T.: 0.000 min  
Response: 59922073  
Conc: 55.38 ng/ml



#16 4,4'-DDD

R.T.: 7.039 min  
Delta R.T.: 0.004 min  
Response: 727460881  
Conc: 98.24 ng/ml m



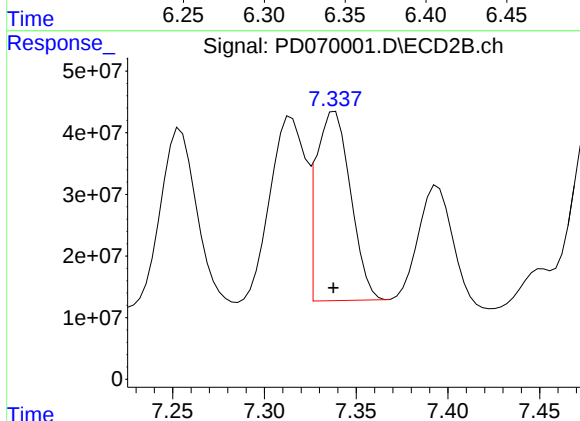
#17 4,4'-DDT

R.T.: 6.356 min  
Delta R.T.: -0.001 min  
Response: 105868124  
Conc: 106.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

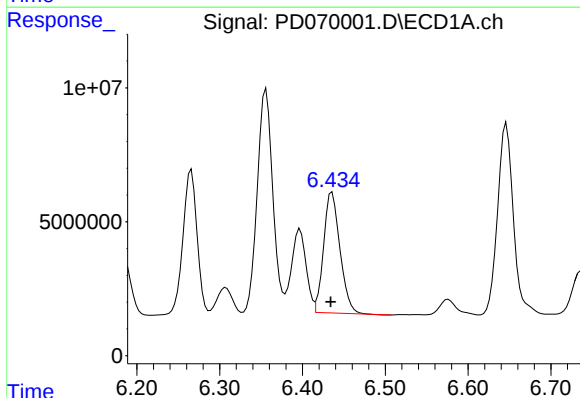
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



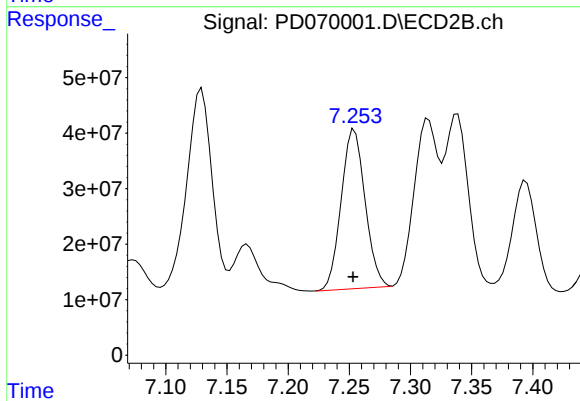
#17 4,4'-DDT

R.T.: 7.338 min  
Delta R.T.: 0.000 min  
Response: 401525595  
Conc: 54.87 ng/ml



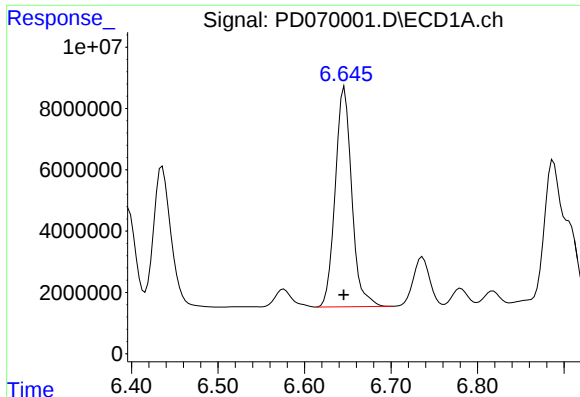
#18 Endrin aldehyde

R.T.: 6.436 min  
Delta R.T.: 0.002 min  
Response: 61633071  
Conc: 71.73 ng/ml



#18 Endrin aldehyde

R.T.: 7.253 min  
Delta R.T.: 0.000 min  
Response: 390912254  
Conc: 68.08 ng/ml m



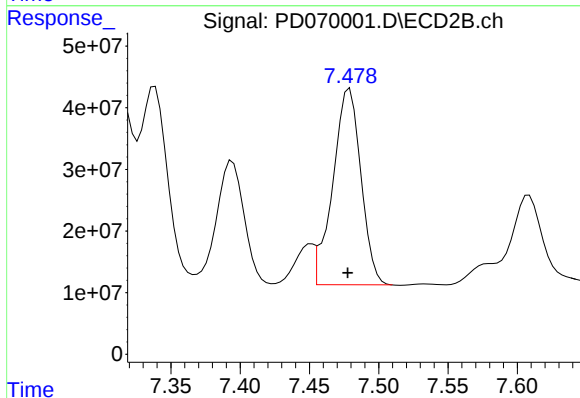
#19 Endosulfan Sulfate

R.T.: 6.646 min  
Delta R.T.: 0.000 min  
Response: 94646344  
Conc: 82.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

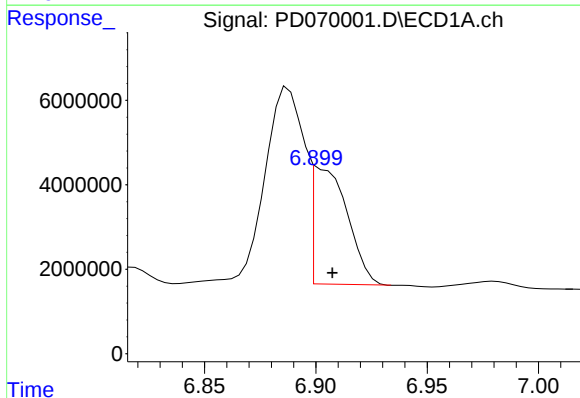
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



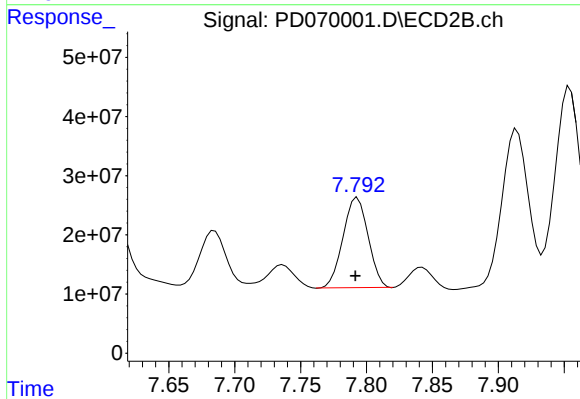
#19 Endosulfan Sulfate

R.T.: 7.478 min  
Delta R.T.: 0.000 min  
Response: 445163863  
Conc: 60.38 ng/ml m



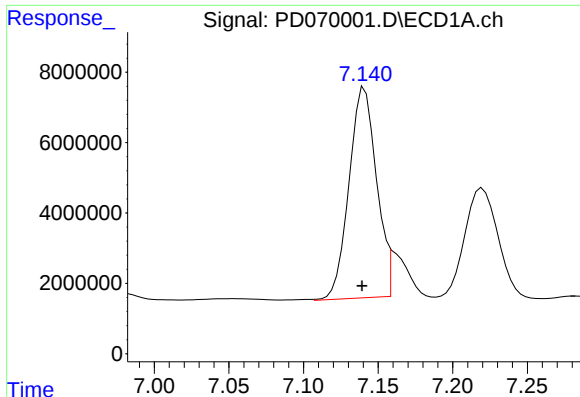
#20 Methoxychlor

R.T.: 6.899 min  
Delta R.T.: -0.009 min  
Response: 28304477  
Conc: 49.89 ng/ml m



#20 Methoxychlor

R.T.: 7.792 min  
Delta R.T.: 0.000 min  
Response: 201241909  
Conc: 56.44 ng/ml m



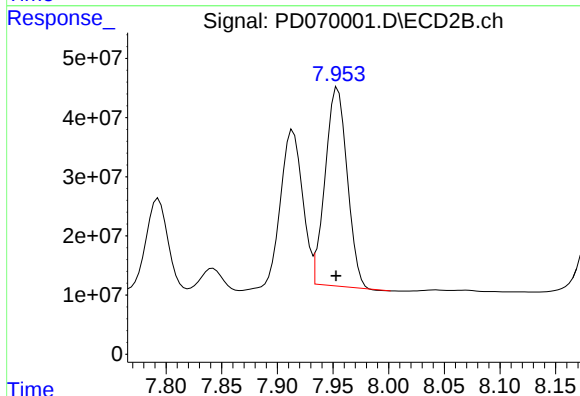
#21 Endrin ketone

R.T.: 7.140 min  
Delta R.T.: 0.000 min  
Response: 75404634  
Conc: 56.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

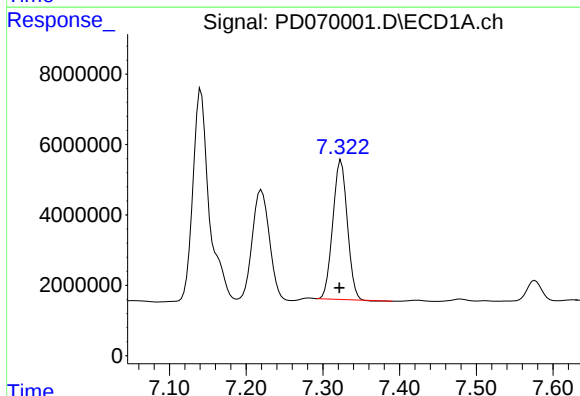
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



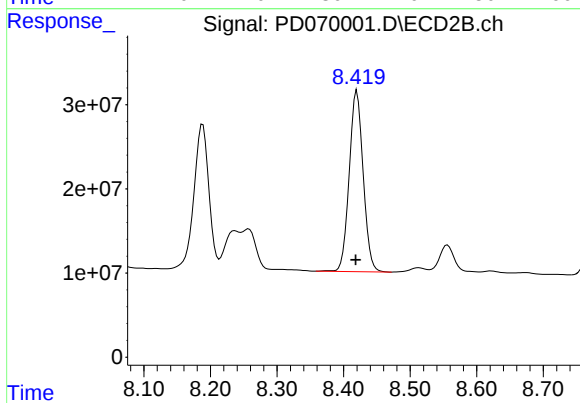
#21 Endrin ketone

R.T.: 7.954 min  
Delta R.T.: 0.002 min  
Response: 459592676  
Conc: 57.73 ng/ml



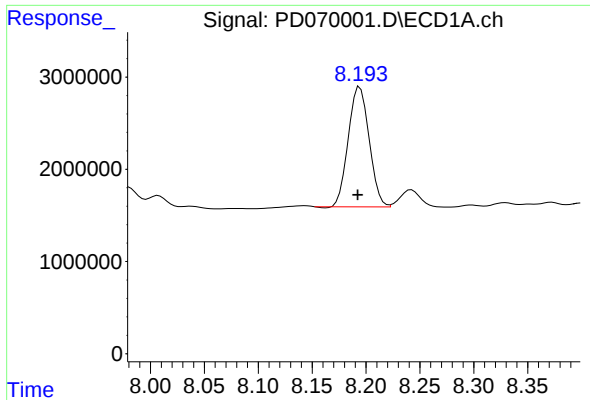
#22 Mirex

R.T.: 7.324 min  
Delta R.T.: 0.002 min  
Response: 51887768  
Conc: 51.60 ng/ml



#22 Mirex

R.T.: 8.420 min  
Delta R.T.: 0.002 min  
Response: 313683327  
Conc: 58.72 ng/ml



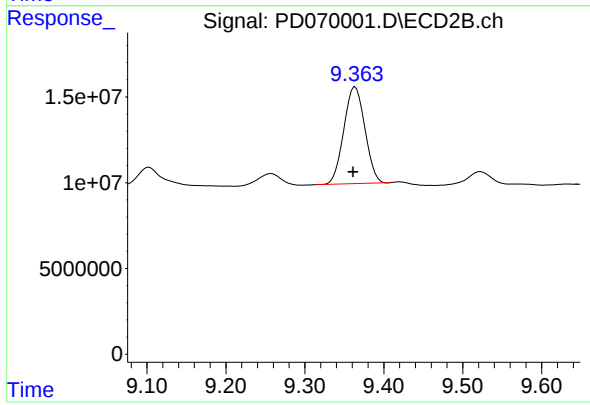
#28 Decachlorobiphenyl

R.T.: 8.194 min  
Delta R.T.: 0.002 min  
Response: 17548052  
Conc: 16.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
P027-SS001-1824-01MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/03/2022  
Supervised By :Ankita Jodhani 06/03/2022



#28 Decachlorobiphenyl

R.T.: 9.364 min  
Delta R.T.: 0.003 min  
Response: 104682425  
Conc: 19.36 ng/ml