

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060522\  
 Data File : PD070113.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2022 04:14  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/06/2022  
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 21:14:04 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...          | 3.442 | 4.170 | 49522637 | 440.5E6 | 46.535  | 49.986   |
| 28) SA Decachlor...         | 8.194 | 9.363 | 49622701 | 280.7E6 | 45.495  | 51.895   |
| Target Compounds            |       |       |          |         |         |          |
| 2) A alpha-BHC              | 3.880 | 4.566 | 76502689 | 671.7E6 | 46.684  | 51.296   |
| 3) MA gamma-BHC...          | 4.164 | 4.856 | 72006152 | 627.5E6 | 41.720  | 50.869   |
| 4) MA Heptachlor            | 4.460 | 5.383 | 68359679 | 601.7E6 | 45.789  | 51.687   |
| 5) MB Aldrin                | 4.707 | 5.695 | 67793971 | 601.7E6 | 46.779  | 52.158   |
| 6) B beta-BHC               | 4.414 | 5.020 | 31300913 | 276.9E6 | 44.974  | 52.719   |
| 7) B delta-BHC              | 4.617 | 5.246 | 70447310 | 555.7E6 | 46.238  | 58.415 # |
| 8) B Heptachlo...           | 5.151 | 6.084 | 63635543 | 533.0E6 | 47.653  | 67.729 # |
| 9) A Endosulfan I           | 5.490 | 6.446 | 59995473 | 497.2E6 | 47.882  | 54.517   |
| 10) B gamma-Chl...          | 5.376 | 6.320 | 63856404 | 539.8E6 | 47.191  | 54.466   |
| 11) B alpha-Chl...          | 5.436 | 6.395 | 62836588 | 526.0E6 | 47.199  | 54.124   |
| 12) B 4,4'-DDE              | 5.601 | 6.545 | 59089497 | 486.6E6 | 46.639  | 53.780   |
| 13) MA Dieldrin             | 5.732 | 6.705 | 62610615 | 510.0E6 | 47.565  | 54.054   |
| 14) MA Endrin               | 5.991 | 6.924 | 50309491 | 334.2E6 | 43.570  | 49.520   |
| 15) B Endosulfa...          | 6.265 | 7.130 | 52931239 | 400.4E6 | 47.586  | 53.909   |
| 16) A 4,4'-DDD              | 6.118 | 7.037 | 54281950 | 423.0E6 | 50.168  | 57.125   |
| 17) MA 4,4'-DDT             | 6.358 | 7.339 | 43844509 | 360.5E6 | 44.240  | 49.262   |
| 18) B Endrin al...          | 6.434 | 7.254 | 41694825 | 313.2E6 | 48.528  | 54.548   |
| 19) B Endosulfa...          | 6.647 | 7.480 | 55416360 | 390.9E6 | 48.074  | 53.012   |
| 20) A Methoxychlor          | 6.908 | 7.793 | 26128587 | 150.3E6 | 46.058  | 42.164   |
| 21) B Endrin ke...          | 7.139 | 7.954 | 74651220 | 428.2E6 | 56.021m | 53.780   |
| 22) Mirex                   | 7.322 | 8.420 | 48750381 | 280.1E6 | 48.483  | 52.439   |
| -----                       |       |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060522\  
Data File : PD070113.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jun 2022 04:14  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

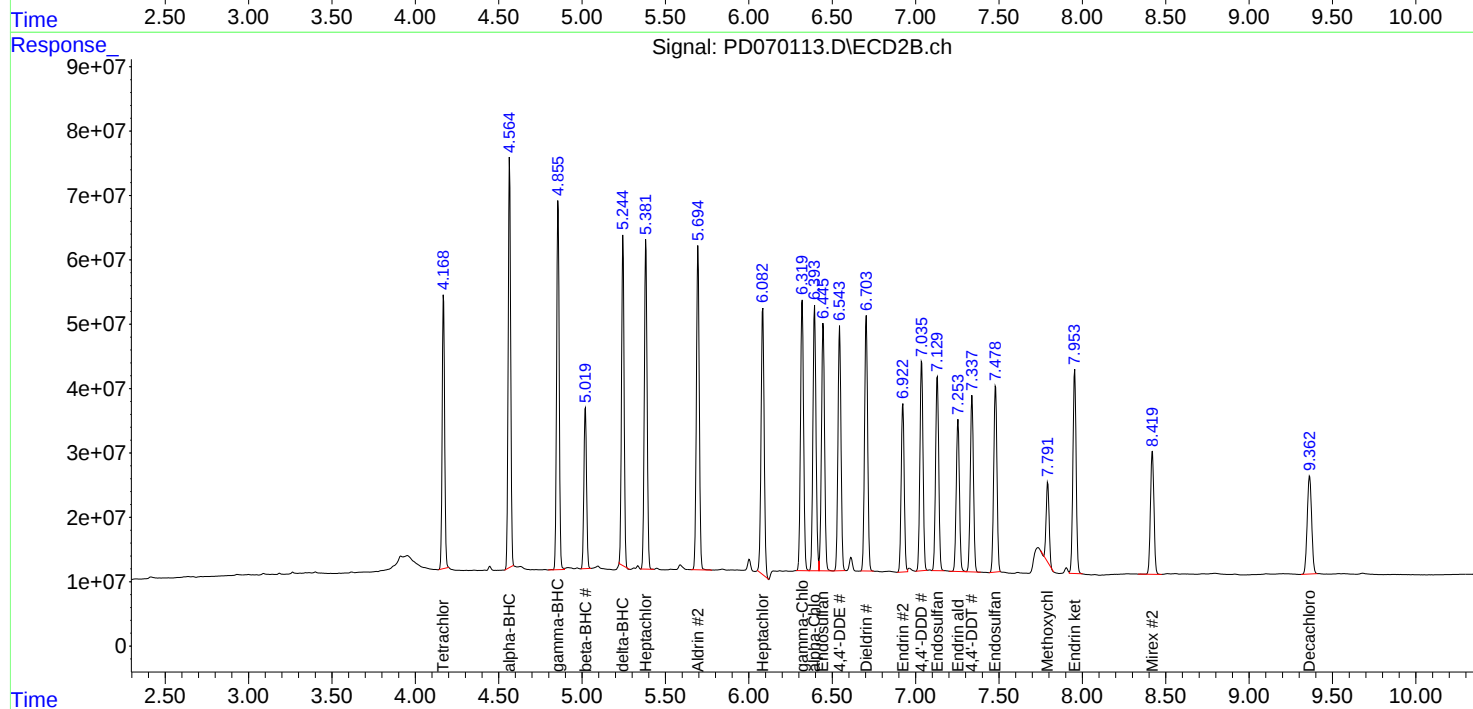
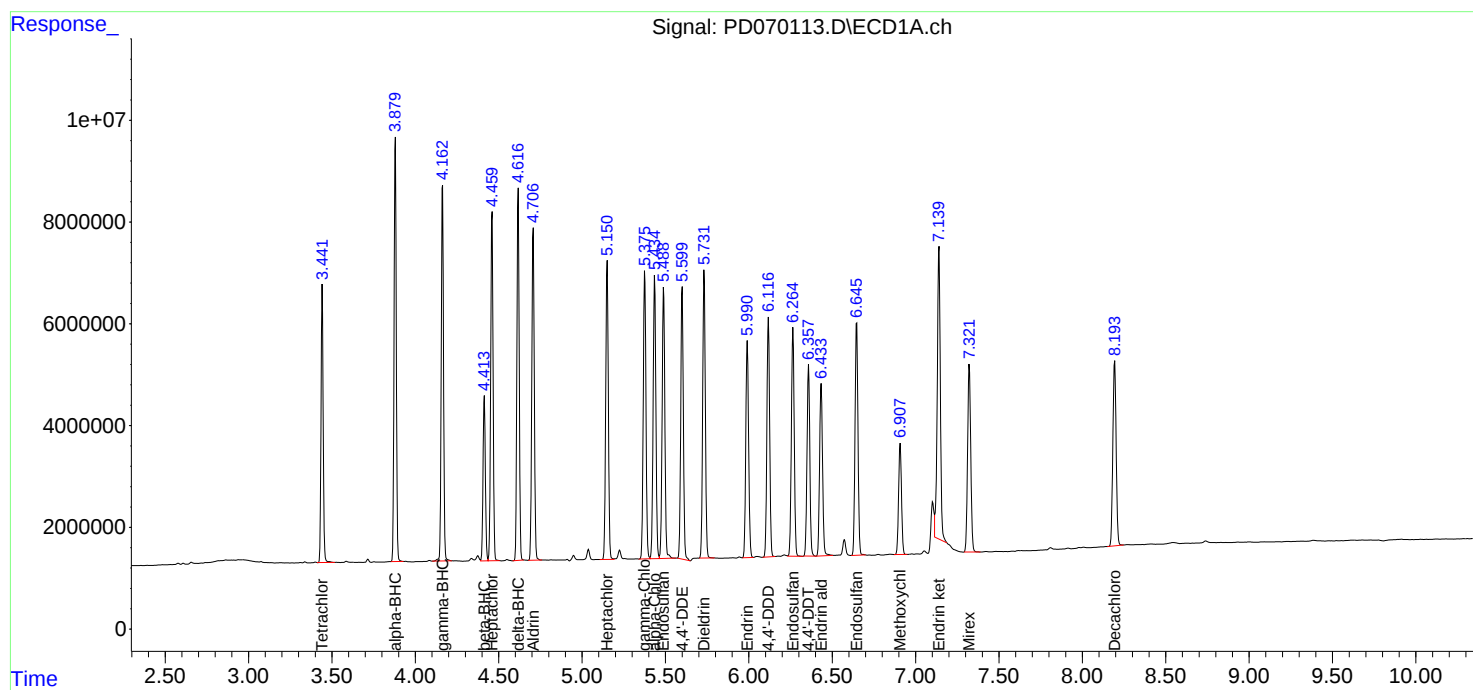
## Manual Integrations

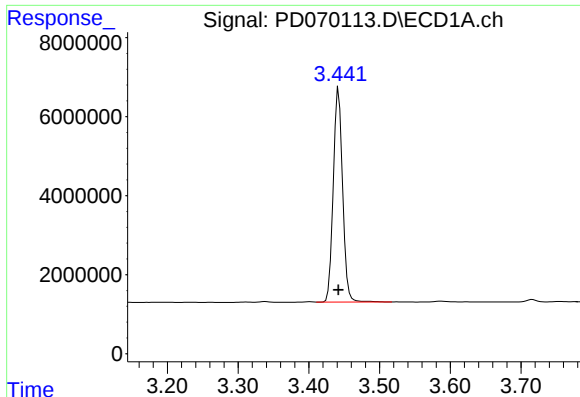
## APPROVED

Reviewed By : Abdul Mirza 06/06/2022  
Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 21:14:04 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





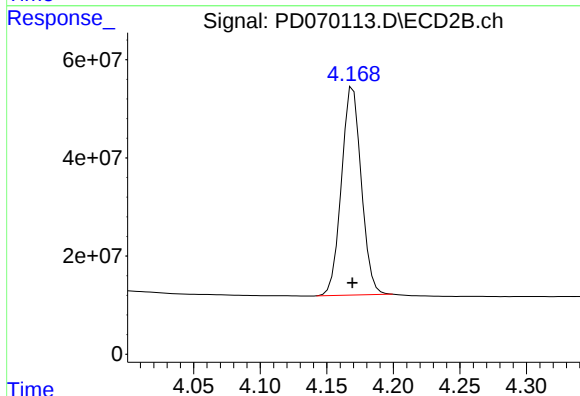
#1 Tetrachloro-m-xylene

R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 49522637  
Conc: 46.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

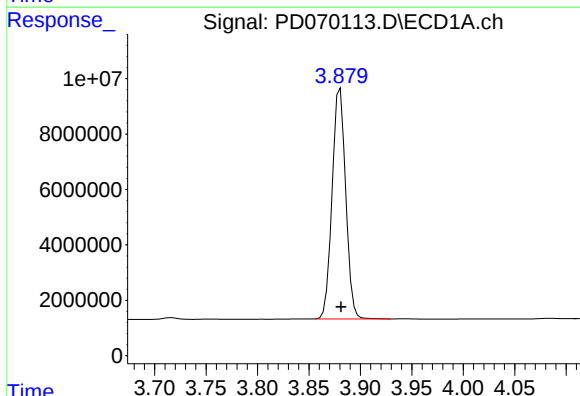
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



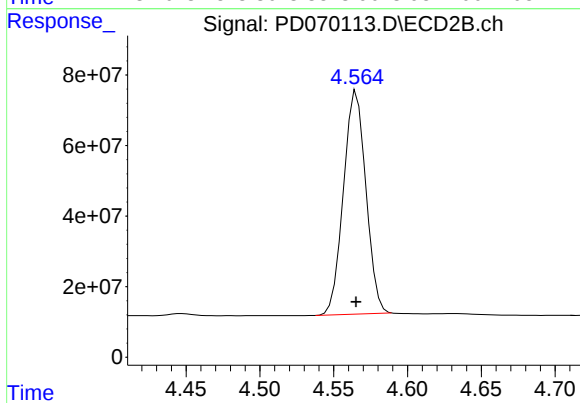
#1 Tetrachloro-m-xylene

R.T.: 4.170 min  
Delta R.T.: 0.000 min  
Response: 440459020  
Conc: 49.99 ng/ml



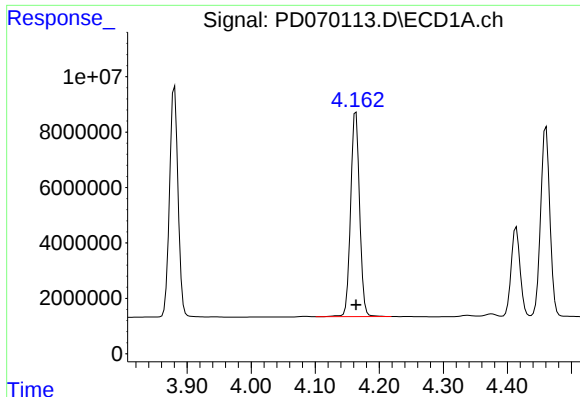
#2 alpha-BHC

R.T.: 3.880 min  
Delta R.T.: 0.000 min  
Response: 76502689  
Conc: 46.68 ng/ml



#2 alpha-BHC

R.T.: 4.566 min  
Delta R.T.: 0.000 min  
Response: 671724134  
Conc: 51.30 ng/ml



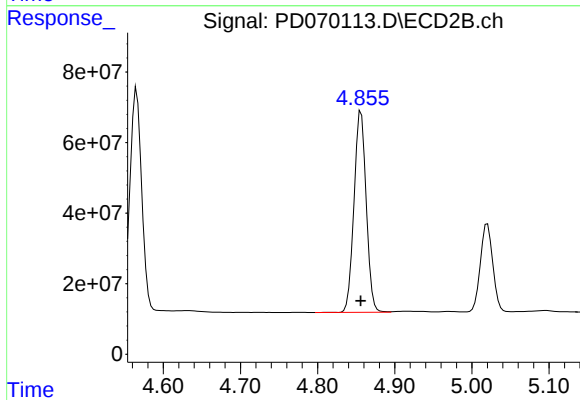
#3 gamma-BHC (Lindane)

R.T.: 4.164 min  
Delta R.T.: 0.000 min  
Response: 72006152  
Conc: 41.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

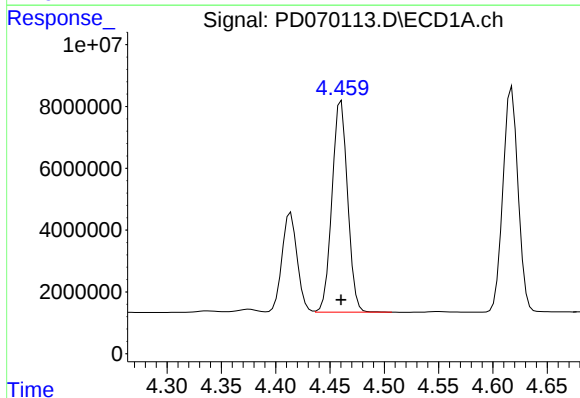
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



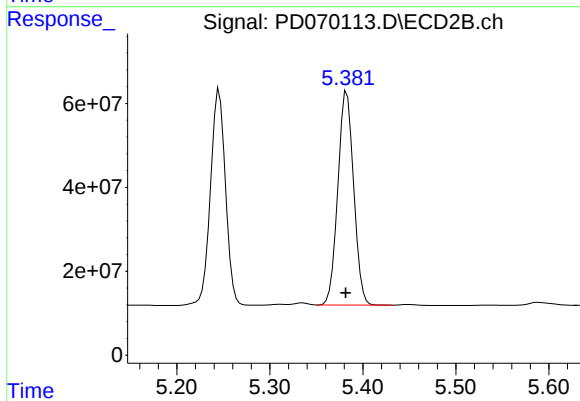
#3 gamma-BHC (Lindane)

R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 627519811  
Conc: 50.87 ng/ml



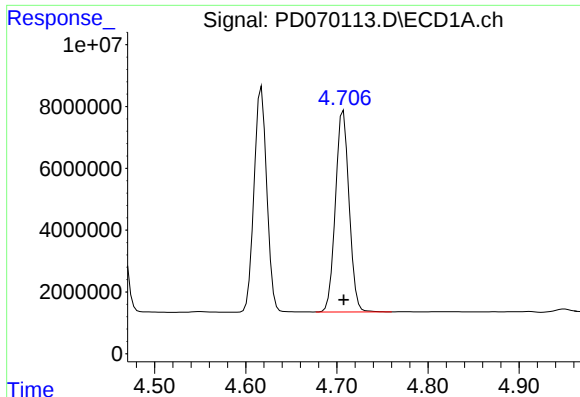
#4 Heptachlor

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 68359679  
Conc: 45.79 ng/ml



#4 Heptachlor

R.T.: 5.383 min  
Delta R.T.: 0.001 min  
Response: 601717469  
Conc: 51.69 ng/ml



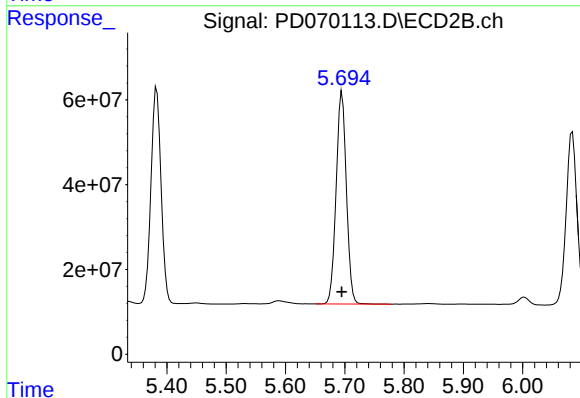
#5 Aldrin

R.T.: 4.707 min  
Delta R.T.: 0.000 min  
Response: 67793971  
Conc: 46.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

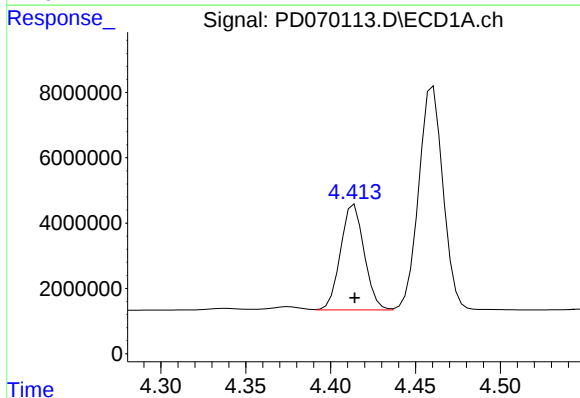
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



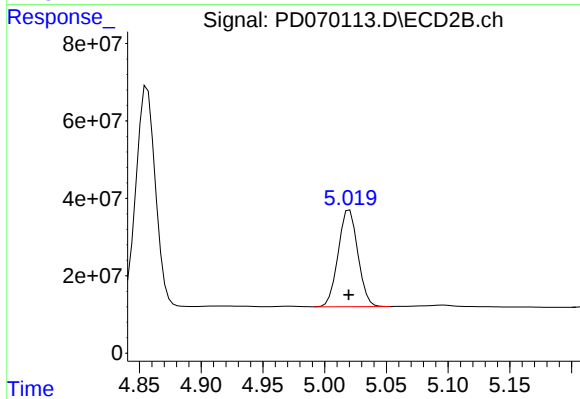
#5 Aldrin

R.T.: 5.695 min  
Delta R.T.: 0.000 min  
Response: 601690361  
Conc: 52.16 ng/ml



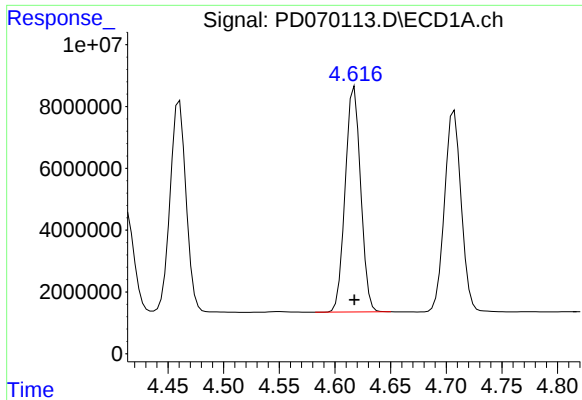
#6 beta-BHC

R.T.: 4.414 min  
Delta R.T.: 0.000 min  
Response: 31300913  
Conc: 44.97 ng/ml



#6 beta-BHC

R.T.: 5.020 min  
Delta R.T.: 0.000 min  
Response: 276930674  
Conc: 52.72 ng/ml



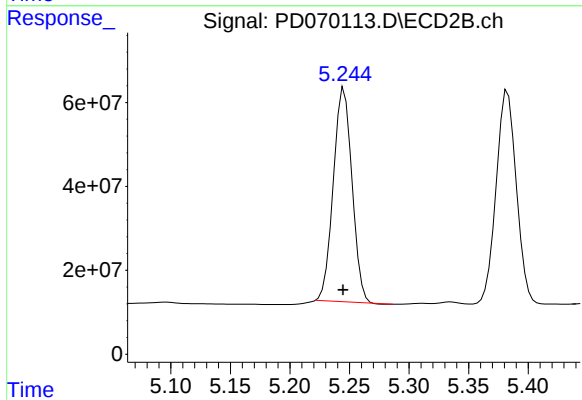
#7 delta-BHC

R.T.: 4.617 min  
Delta R.T.: 0.000 min  
Response: 70447310  
Conc: 46.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

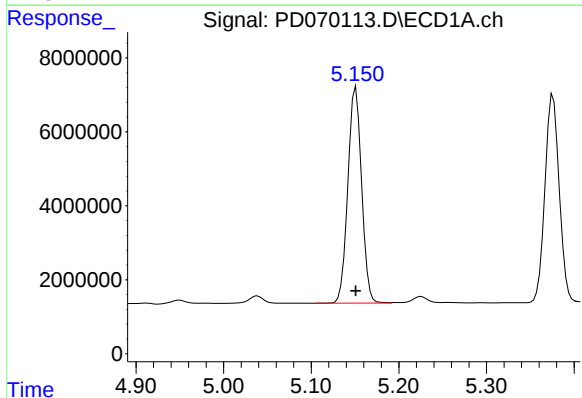
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



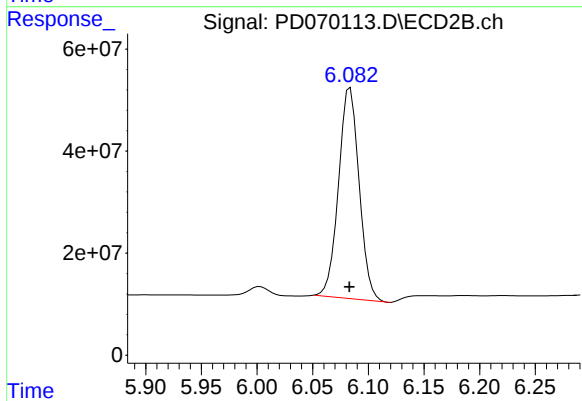
#7 delta-BHC

R.T.: 5.246 min  
Delta R.T.: 0.000 min  
Response: 555714053  
Conc: 58.41 ng/ml



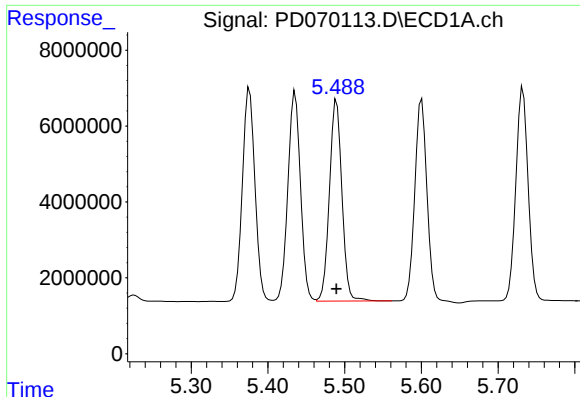
#8 Heptachlor epoxide

R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 63635543  
Conc: 47.65 ng/ml



#8 Heptachlor epoxide

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 532952698  
Conc: 67.73 ng/ml



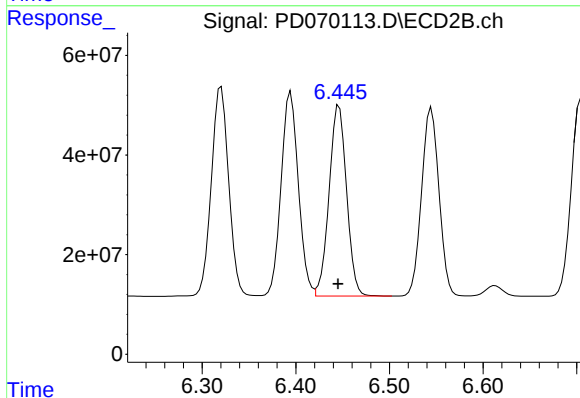
#9 Endosulfan I

R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 59995473  
Conc: 47.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

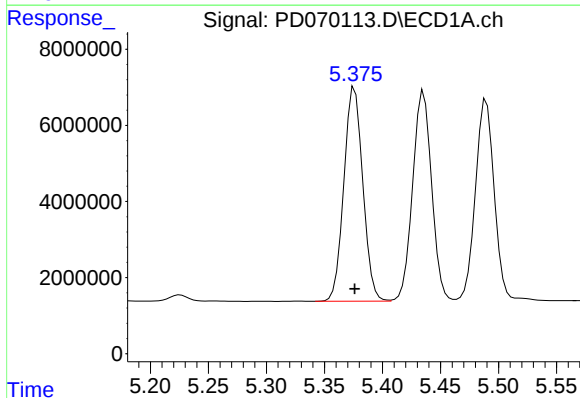
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



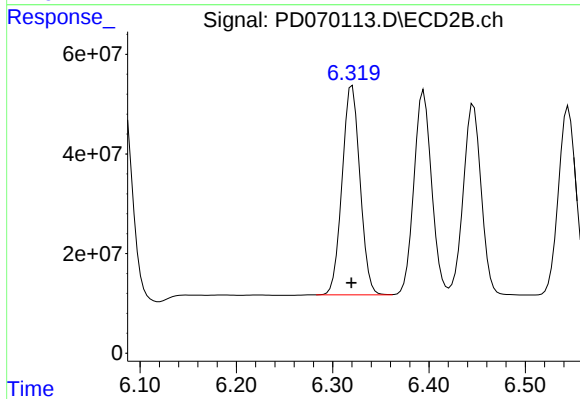
#9 Endosulfan I

R.T.: 6.446 min  
Delta R.T.: 0.001 min  
Response: 497222794  
Conc: 54.52 ng/ml



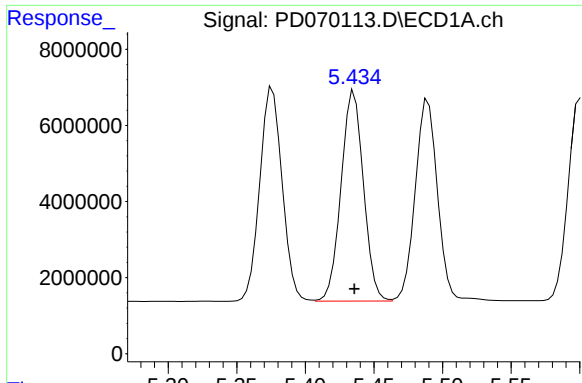
#10 gamma-Chlordane

R.T.: 5.376 min  
Delta R.T.: 0.000 min  
Response: 63856404  
Conc: 47.19 ng/ml



#10 gamma-Chlordane

R.T.: 6.320 min  
Delta R.T.: 0.000 min  
Response: 539764282  
Conc: 54.47 ng/ml



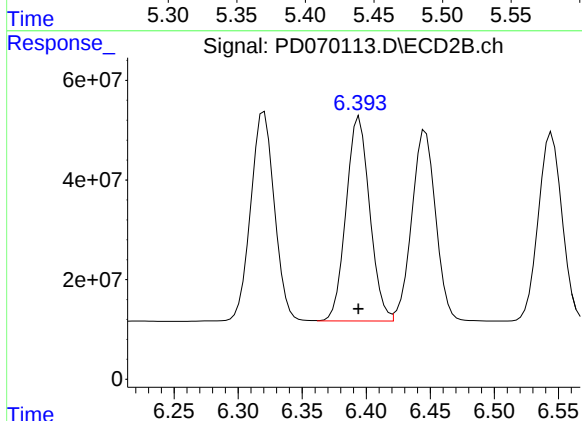
#11 alpha-Chlordane

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 62836588  
Conc: 47.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

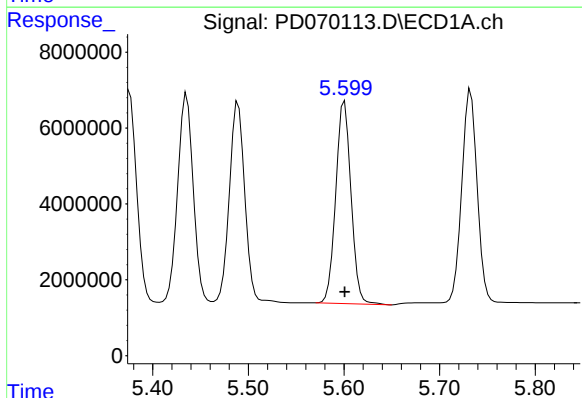
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



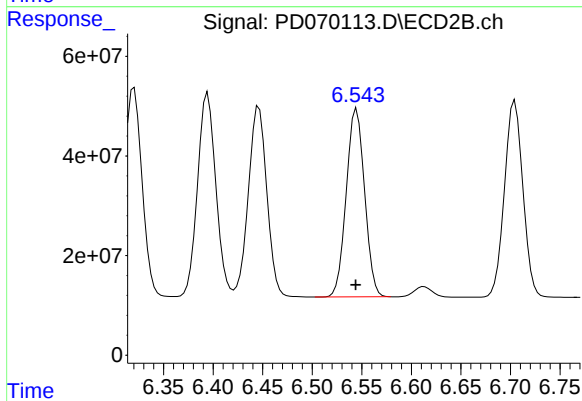
#11 alpha-Chlordane

R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 526020452  
Conc: 54.12 ng/ml



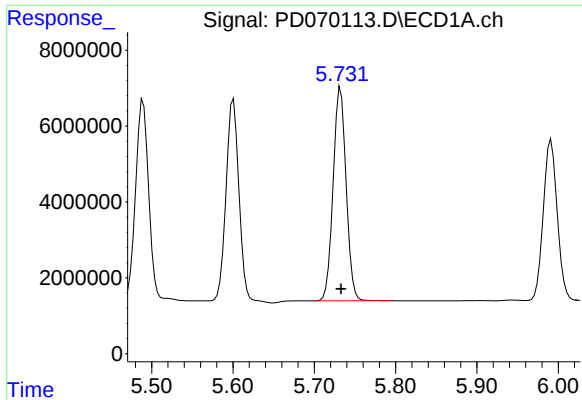
#12 4,4'-DDE

R.T.: 5.601 min  
Delta R.T.: 0.000 min  
Response: 59089497  
Conc: 46.64 ng/ml



#12 4,4'-DDE

R.T.: 6.545 min  
Delta R.T.: 0.000 min  
Response: 486587162  
Conc: 53.78 ng/ml



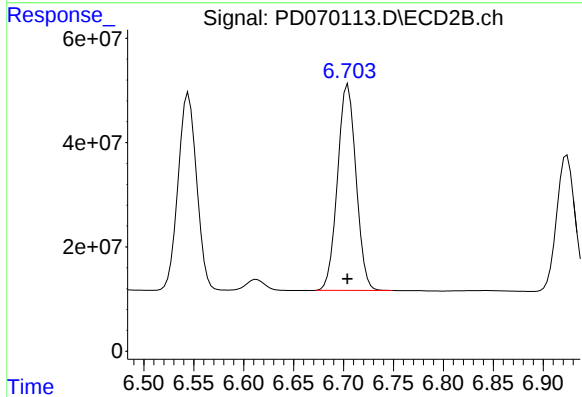
#13 Dieldrin

R.T.: 5.732 min  
Delta R.T.: 0.000 min  
Response: 62610615  
Conc: 47.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

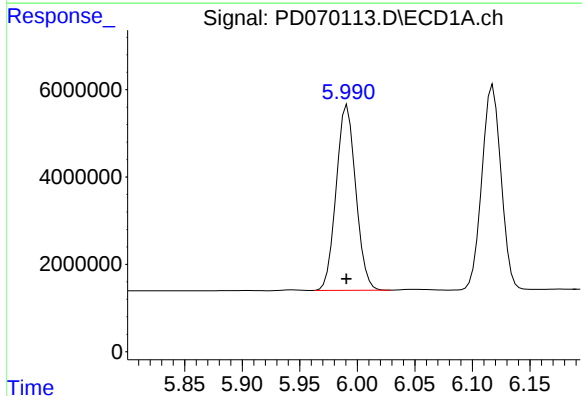
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



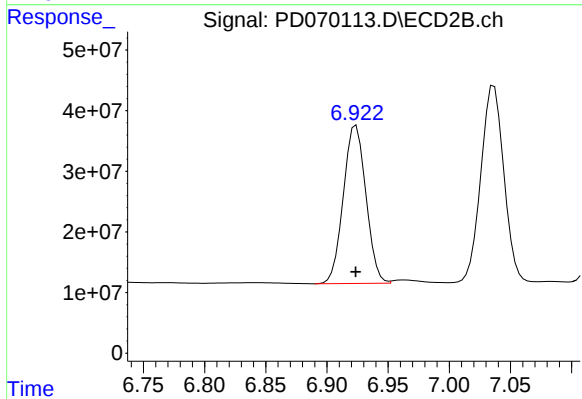
#13 Dieldrin

R.T.: 6.705 min  
Delta R.T.: 0.000 min  
Response: 509967015  
Conc: 54.05 ng/ml



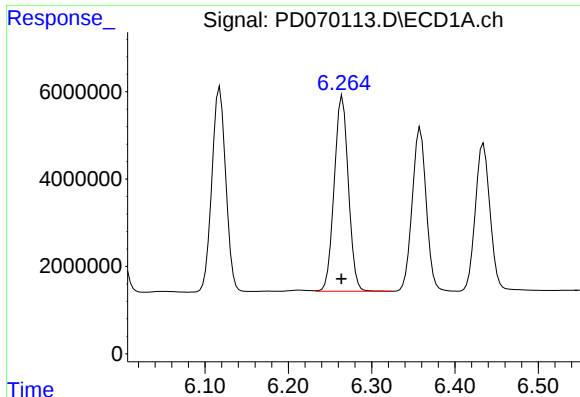
#14 Endrin

R.T.: 5.991 min  
Delta R.T.: 0.000 min  
Response: 50309491  
Conc: 43.57 ng/ml



#14 Endrin

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 334217248  
Conc: 49.52 ng/ml



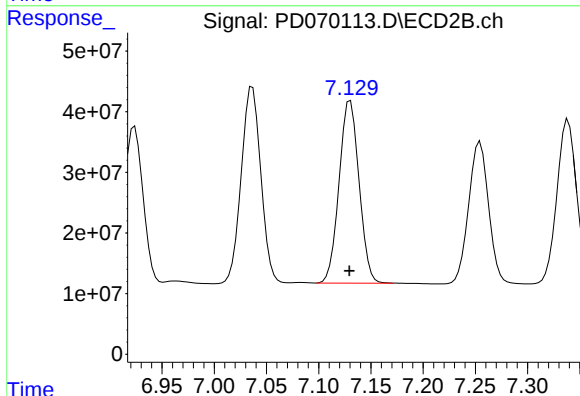
#15 Endosulfan II

R.T.: 6.265 min  
Delta R.T.: 0.001 min  
Response: 52931239  
Conc: 47.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

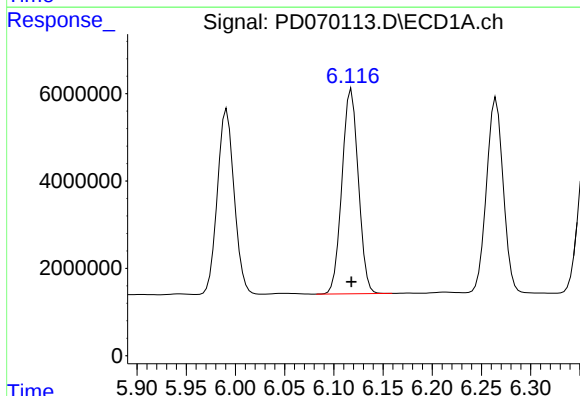
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



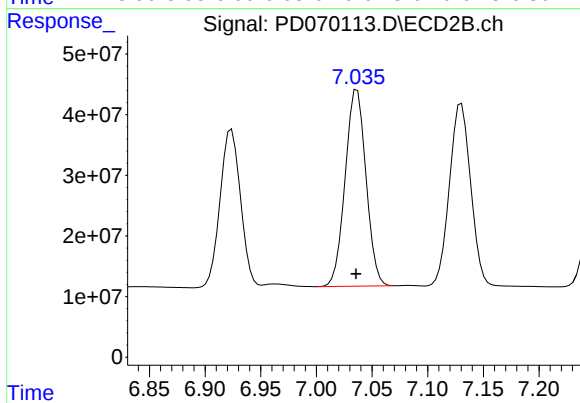
#15 Endosulfan II

R.T.: 7.130 min  
Delta R.T.: 0.000 min  
Response: 400428868  
Conc: 53.91 ng/ml



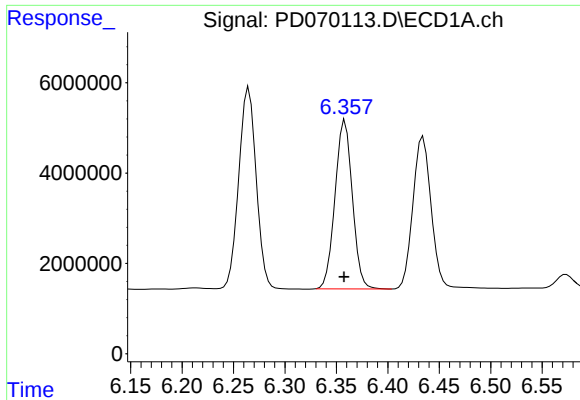
#16 4,4'-DDD

R.T.: 6.118 min  
Delta R.T.: 0.000 min  
Response: 54281950  
Conc: 50.17 ng/ml



#16 4,4'-DDD

R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 423029905  
Conc: 57.13 ng/ml



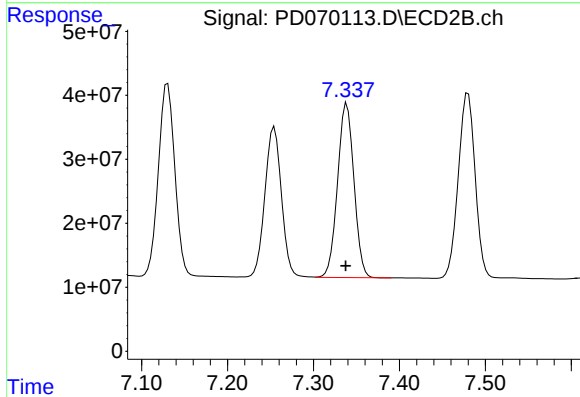
#17 4,4'-DDT

R.T.: 6.358 min  
Delta R.T.: 0.001 min  
Response: 43844509  
Conc: 44.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

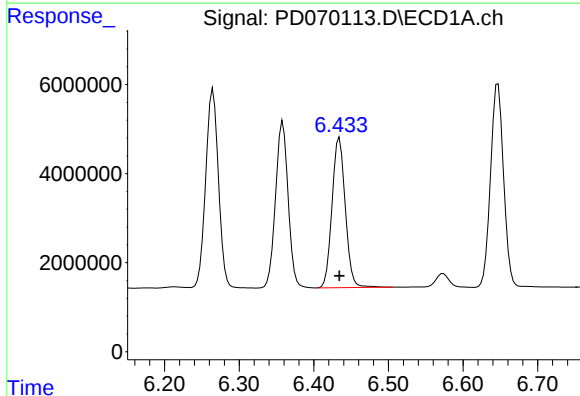
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



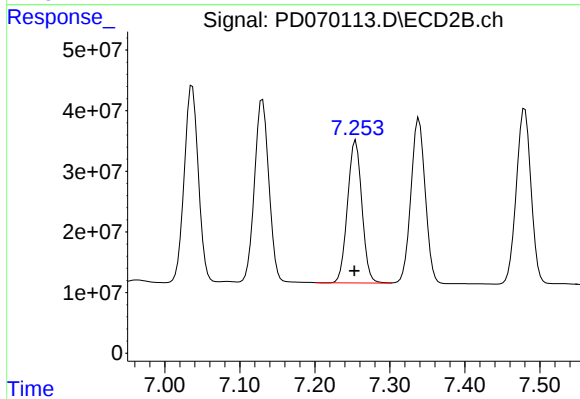
#17 4,4'-DDT

R.T.: 7.339 min  
Delta R.T.: 0.001 min  
Response: 360504651  
Conc: 49.26 ng/ml



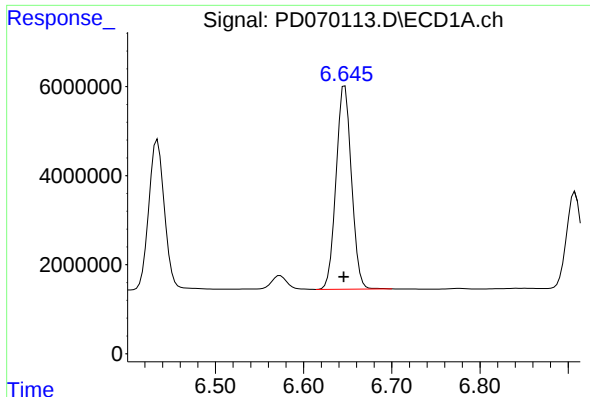
#18 Endrin aldehyde

R.T.: 6.434 min  
Delta R.T.: 0.000 min  
Response: 41694825  
Conc: 48.53 ng/ml



#18 Endrin aldehyde

R.T.: 7.254 min  
Delta R.T.: 0.002 min  
Response: 313203036  
Conc: 54.55 ng/ml



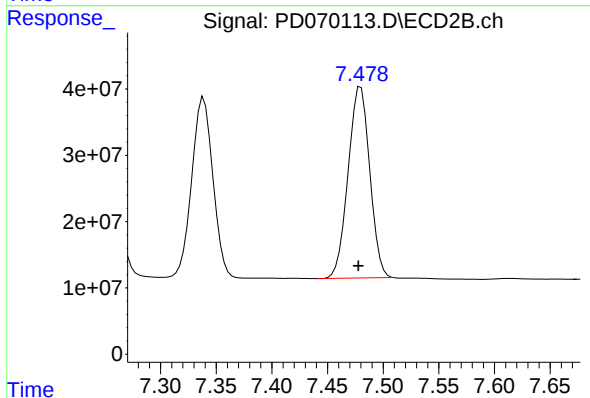
#19 Endosulfan Sulfate

R.T.: 6.647 min  
Delta R.T.: 0.001 min  
Response: 55416360  
Conc: 48.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

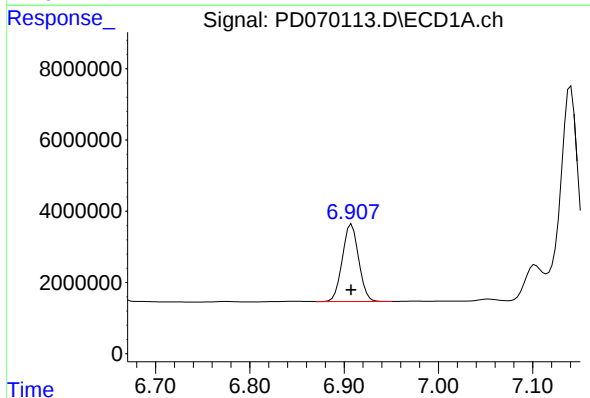
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



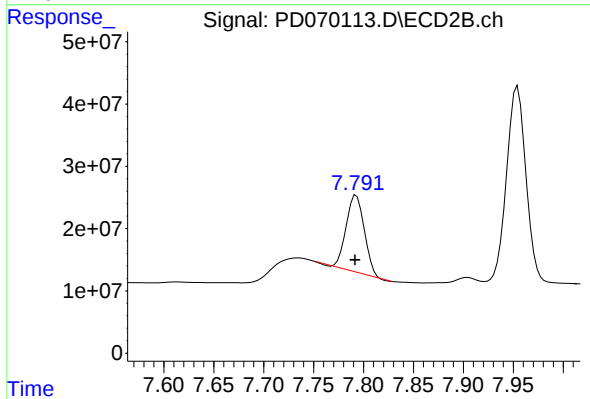
#19 Endosulfan Sulfate

R.T.: 7.480 min  
Delta R.T.: 0.002 min  
Response: 390858998  
Conc: 53.01 ng/ml



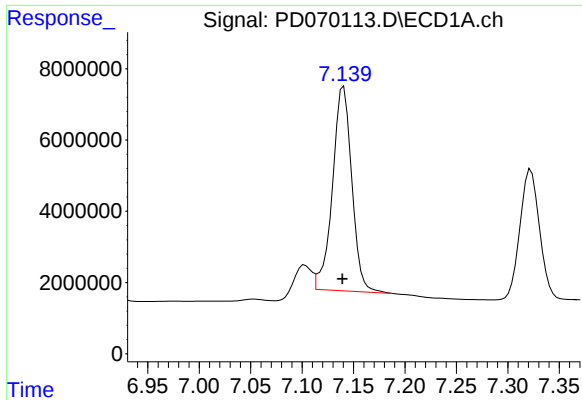
#20 Methoxychlor

R.T.: 6.908 min  
Delta R.T.: 0.000 min  
Response: 26128587  
Conc: 46.06 ng/ml



#20 Methoxychlor

R.T.: 7.793 min  
Delta R.T.: 0.001 min  
Response: 150341403  
Conc: 42.16 ng/ml



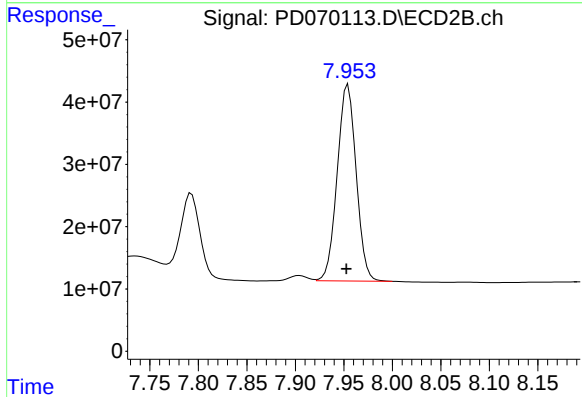
#21 Endrin ketone

R.T.: 7.139 min  
Delta R.T.: 0.000 min  
Response: 74651220  
Conc: 56.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

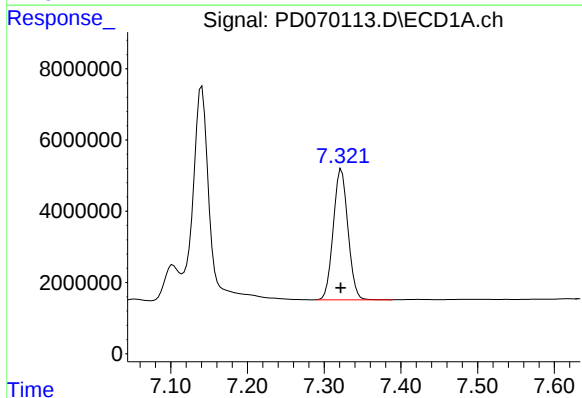
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



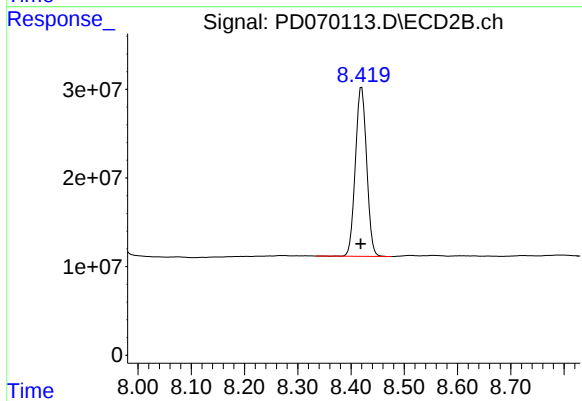
#21 Endrin ketone

R.T.: 7.954 min  
Delta R.T.: 0.002 min  
Response: 428159581  
Conc: 53.78 ng/ml



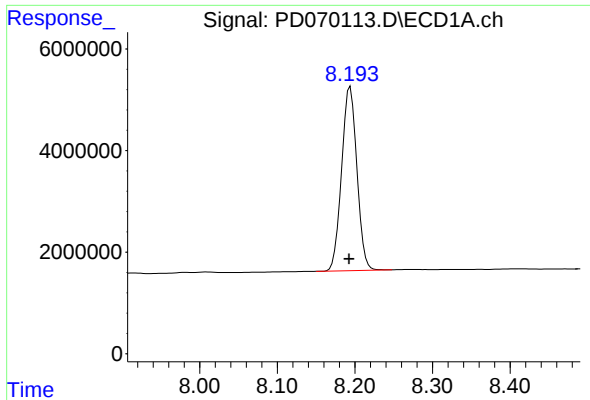
#22 Mirex

R.T.: 7.322 min  
Delta R.T.: 0.000 min  
Response: 48750381  
Conc: 48.48 ng/ml



#22 Mirex

R.T.: 8.420 min  
Delta R.T.: 0.002 min  
Response: 280139126  
Conc: 52.44 ng/ml



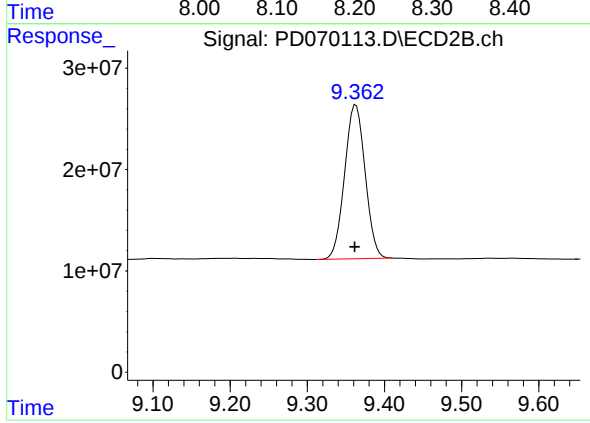
#28 Decachlorobiphenyl

R.T.: 8.194 min  
Delta R.T.: 0.002 min  
Response: 49622701  
Conc: 45.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/06/2022  
Supervised By :Ankita Jodhani 06/07/2022



#28 Decachlorobiphenyl

R.T.: 9.363 min  
Delta R.T.: 0.002 min  
Response: 280656042  
Conc: 51.90 ng/ml