

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121124\
 Data File : PL093373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2024 16:14
 Operator : AR\AJ
 Sample : PB165569BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165569BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/12/2024
 Supervised By :Ankita Jodhani 12/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 02:05:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 25 15:18:43 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.540	2.776	50690351	52159730	19.504	18.086
2) SA Decachlor...	9.063	7.917	40994591	61080917	23.580	21.383
Target Compounds						
2) A alpha-BHC	3.997	3.279	173.6E6	209.3E6	48.637	49.030
3) MA gamma-BHC...	4.329	3.609	161.2E6	200.2E6	47.725	48.362
4) MA Heptachlor	4.918	3.948	152.0E6	208.4E6	49.739	51.509
5) MB Aldrin	5.261	4.228	144.2E6	194.6E6	47.962	48.919
6) B beta-BHC	4.528	3.909	72761127	87368935	48.195	49.115
7) B delta-BHC	4.775	4.138	149.7E6	195.6E6	45.247	45.843
8) B Heptachlo...	5.687	4.731	132.9E6	184.8E6	47.857	50.734
9) A Endosulfan I	6.073	5.101	122.2E6	169.3E6	50.218	50.645
10) B gamma-Chl...	5.944	4.980	130.4E6	192.6E6	50.622	51.987m
11) B alpha-Chl...	6.023	5.045	131.1E6	189.4E6	50.583	52.172
12) B 4,4'-DDE	6.196	5.234	117.9E6	184.0E6	50.397	51.390
13) MA Dieldrin	6.348	5.365	129.4E6	191.2E6	50.492	51.892
14) MA Endrin	6.577	5.641	108.3E6	167.9E6	51.628m	52.653
15) B Endosulfa...	6.798	5.936	113.1E6	168.6E6	51.850	53.207
16) A 4,4'-DDD	6.714	5.789	98727489	147.2E6	53.882	52.493
17) MA 4,4'-DDT	7.028	6.039	103.6E6	157.8E6	53.713	53.287
18) B Endrin al...	6.929	6.115	89501586	130.7E6	49.541	49.850
19) B Endosulfa...	7.163	6.338	105.3E6	157.2E6	50.807	51.724
20) A Methoxychlor	7.505	6.615	53868546	80297826	51.555	52.587
21) B Endrin ke...	7.649	6.844	118.2E6	182.4E6	52.089	54.345
22) Mirex	8.123	7.024	89491328	133.6E6	49.546	49.711

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121124\
Data File : PL093373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2024 16:14
Operator : AR\AJ
Sample : PB165569BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB165569BS

Manual Integrations

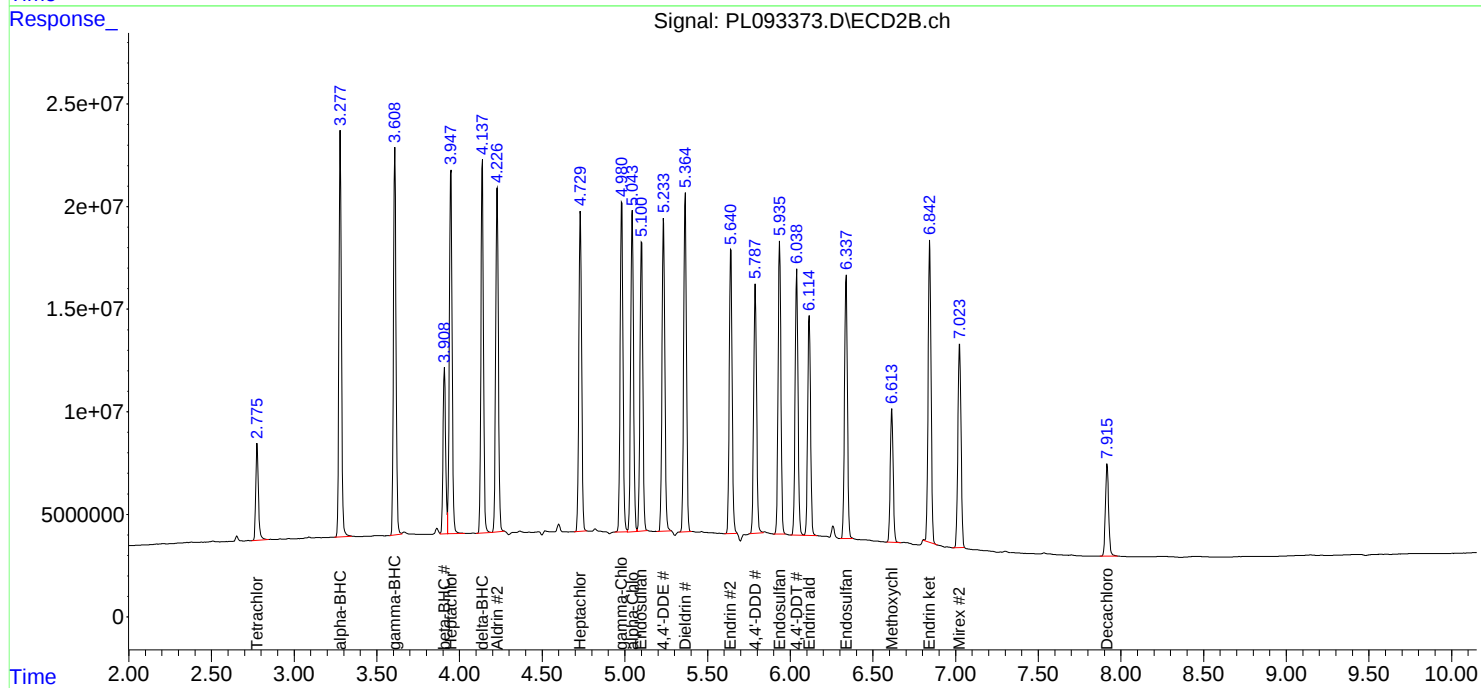
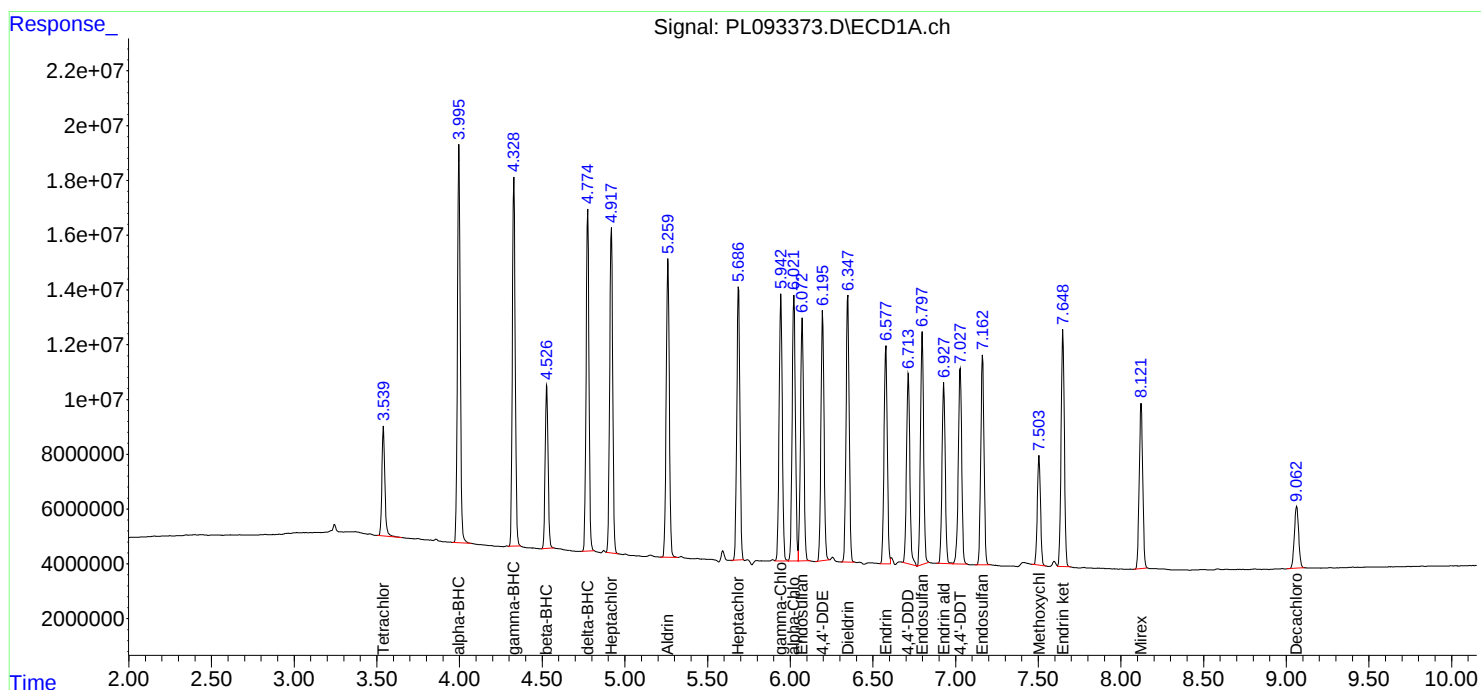
APPROVED

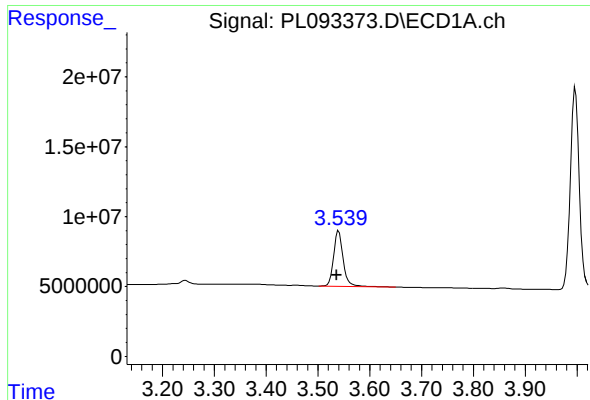
Reviewed By :Abdul Mirza 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 02:05:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
Quant Title : GC Extractables
QLast Update : Mon Nov 25 15:18:43 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





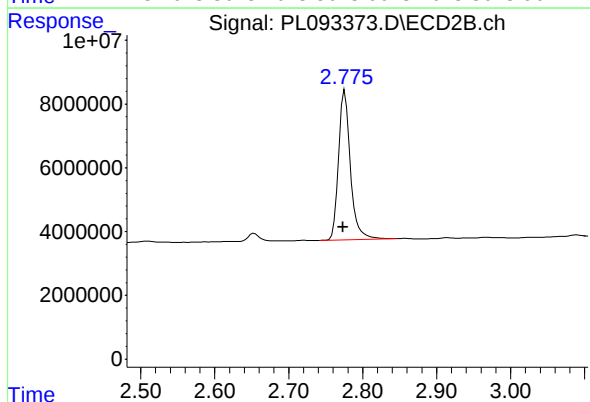
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.004 min
Response: 50690351
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BS

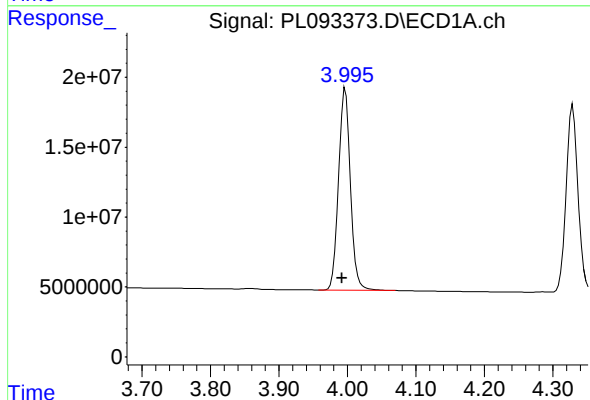
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



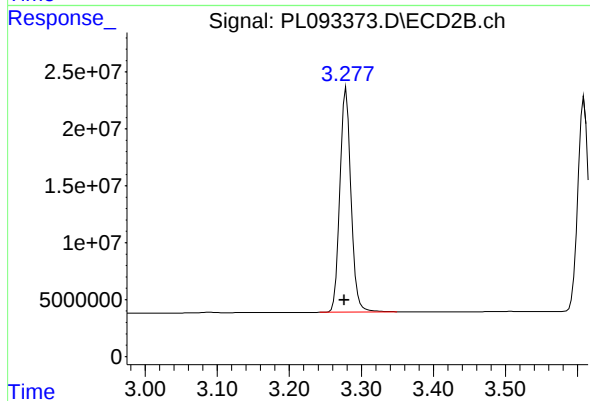
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.002 min
Response: 52159730
Conc: 18.09 ng/ml



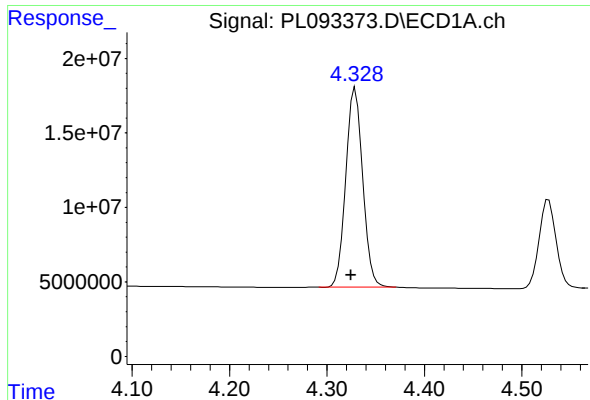
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.005 min
Response: 173557216
Conc: 48.64 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: 0.002 min
Response: 209328341
Conc: 49.03 ng/ml



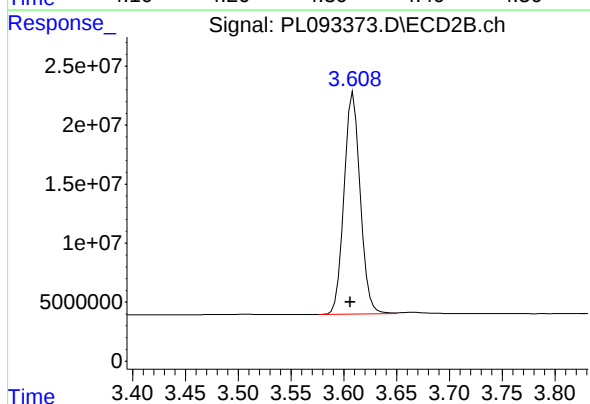
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.004 min
Response: 161248246
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BS

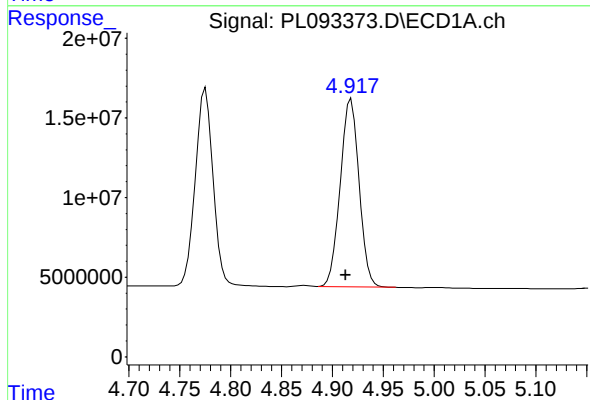
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



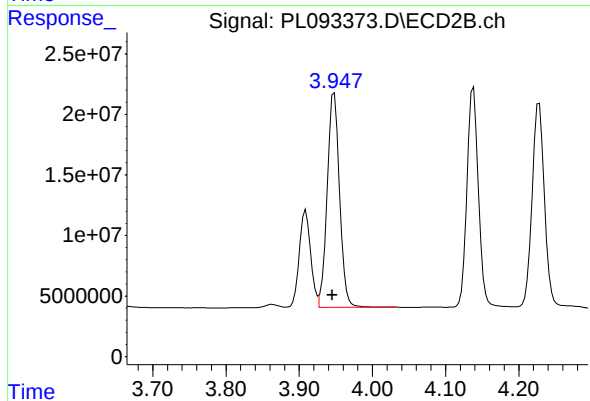
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.003 min
Response: 200206670
Conc: 48.36 ng/ml



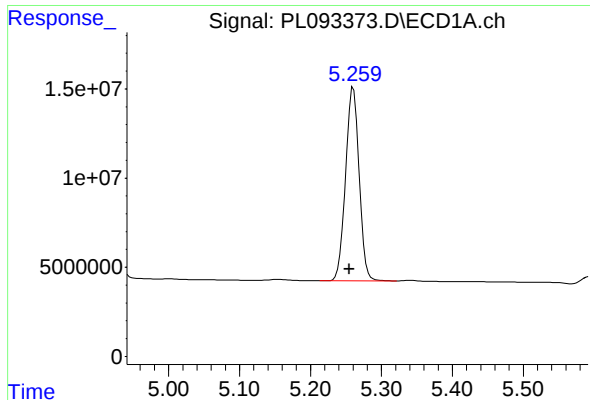
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.005 min
Response: 152007774
Conc: 49.74 ng/ml



#4 Heptachlor

R.T.: 3.948 min
Delta R.T.: 0.003 min
Response: 208381958
Conc: 51.51 ng/ml



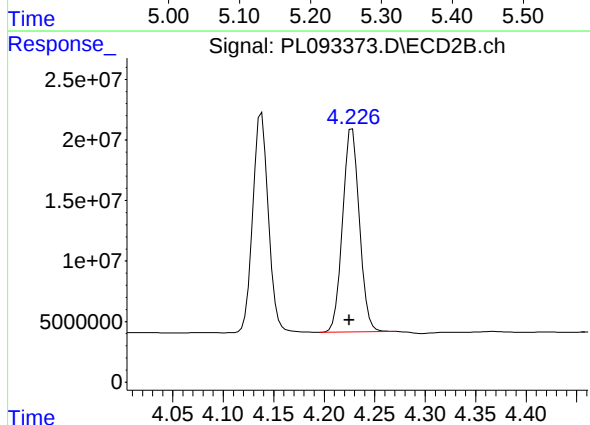
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.006 min
Response: 144228532
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BS

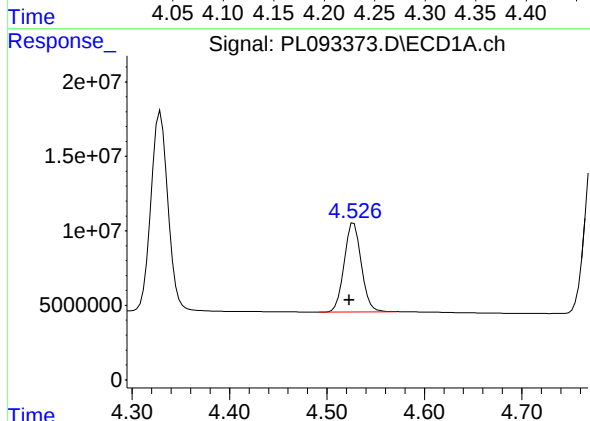
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



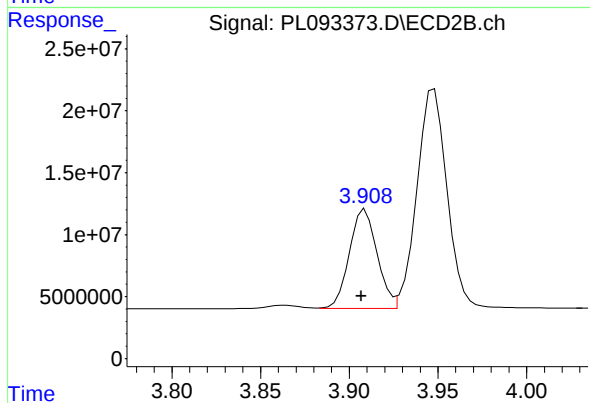
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: 0.003 min
Response: 194640787
Conc: 48.92 ng/ml



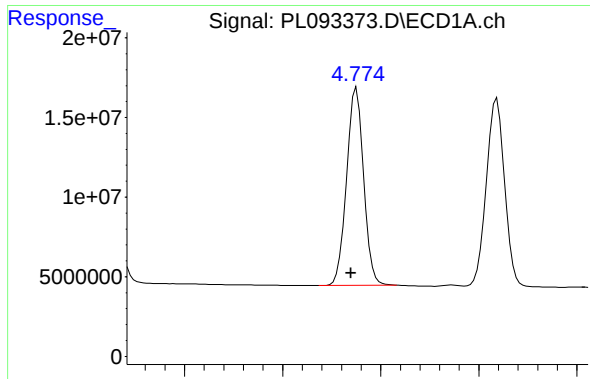
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.005 min
Response: 72761127
Conc: 48.19 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: 0.002 min
Response: 87368935
Conc: 49.11 ng/ml



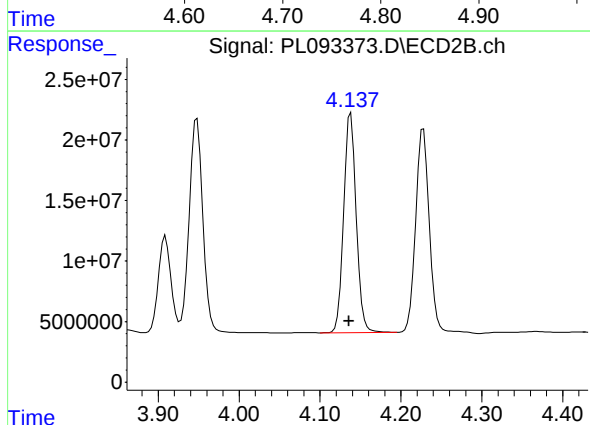
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.006 min
Response: 149703441
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BS

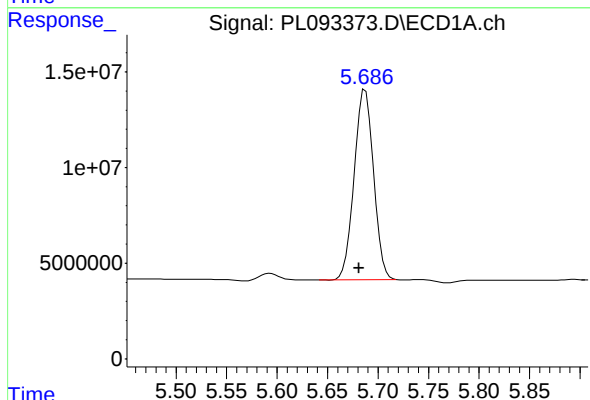
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



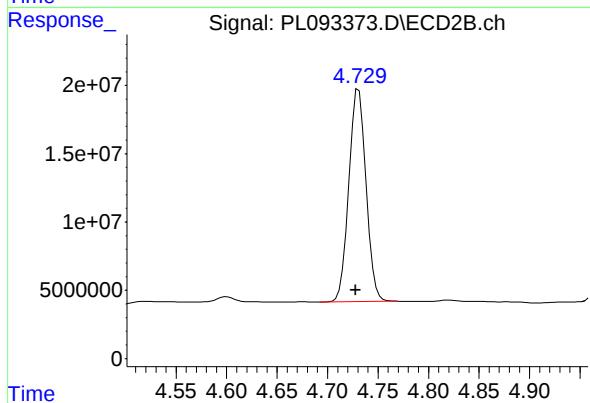
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: 0.003 min
Response: 195588979
Conc: 45.84 ng/ml



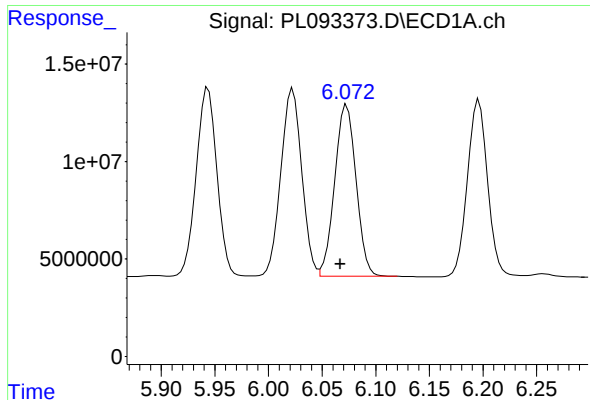
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.006 min
Response: 132883572
Conc: 47.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: 0.003 min
Response: 184783749
Conc: 50.73 ng/ml



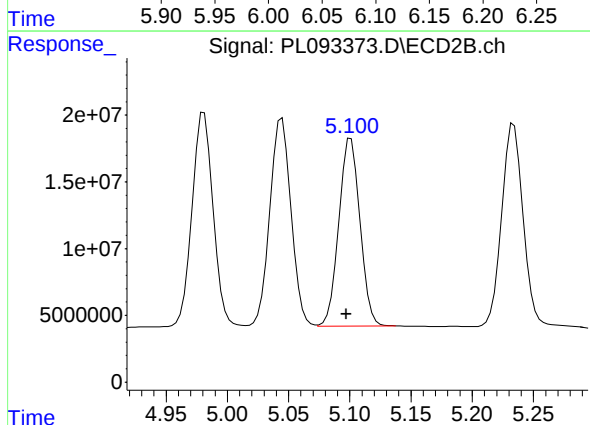
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.006 min
Response: 122239249
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BS

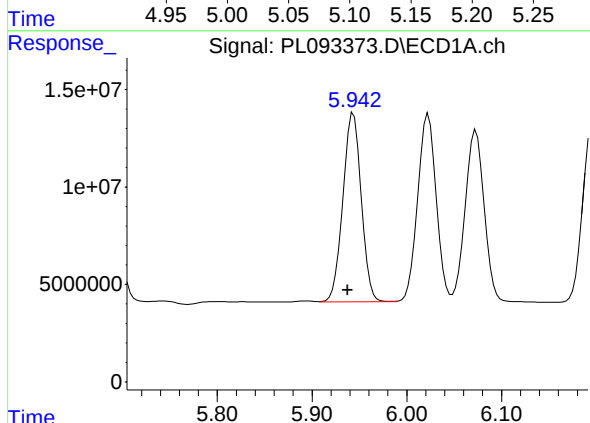
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



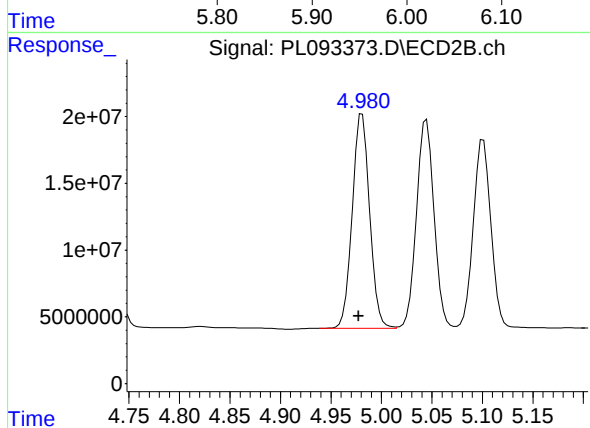
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: 0.004 min
Response: 169305987
Conc: 50.65 ng/ml



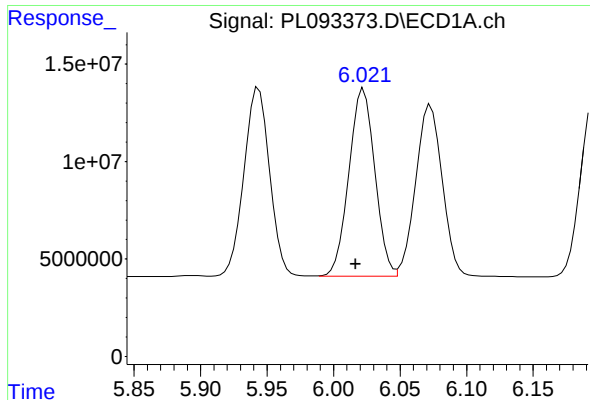
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.006 min
Response: 130419887
Conc: 50.62 ng/ml



#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: 0.002 min
Response: 192616937
Conc: 51.99 ng/ml m



#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.006 min
Response: 131064969
Conc: 50.58 ng/ml

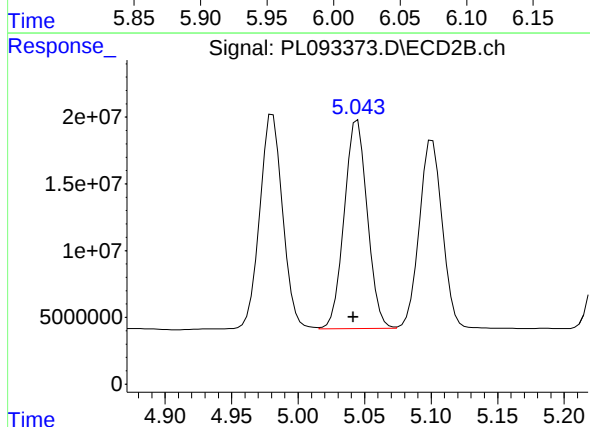
Instrument :

ECD_L

ClientSampleId :
PB165569BS

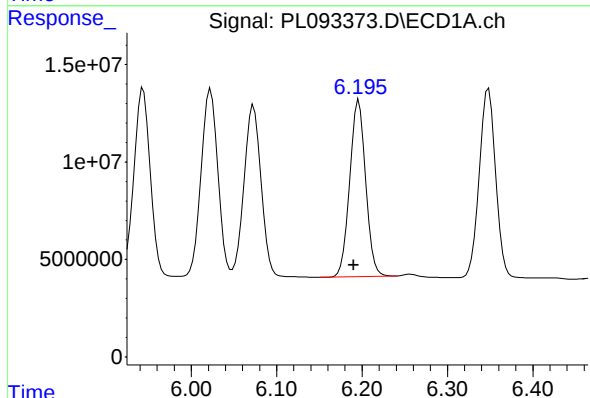
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



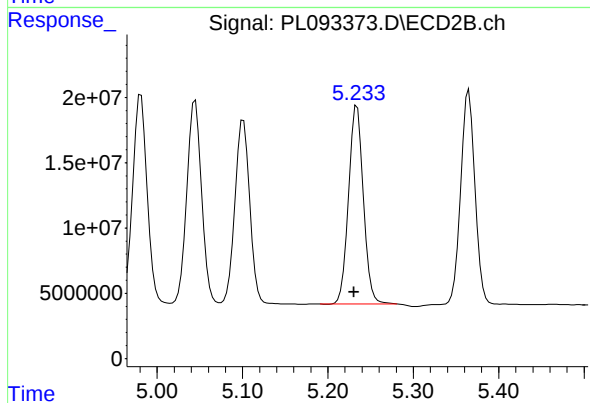
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.003 min
Response: 189396806
Conc: 52.17 ng/ml



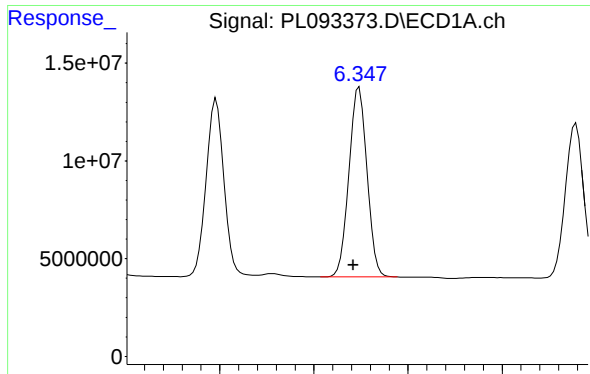
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.006 min
Response: 117893806
Conc: 50.40 ng/ml



#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: 0.004 min
Response: 183976507
Conc: 51.39 ng/ml



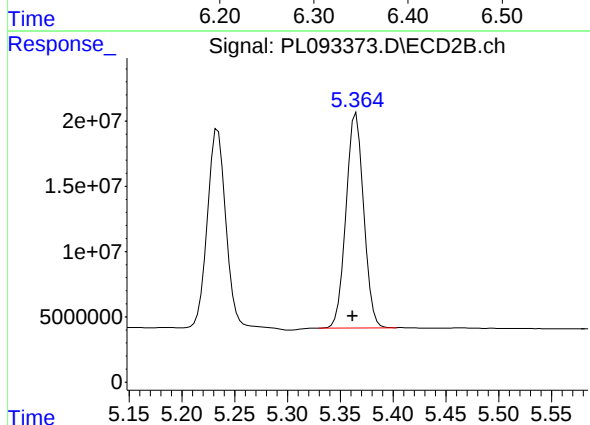
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.006 min
Response: 129417572
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BS

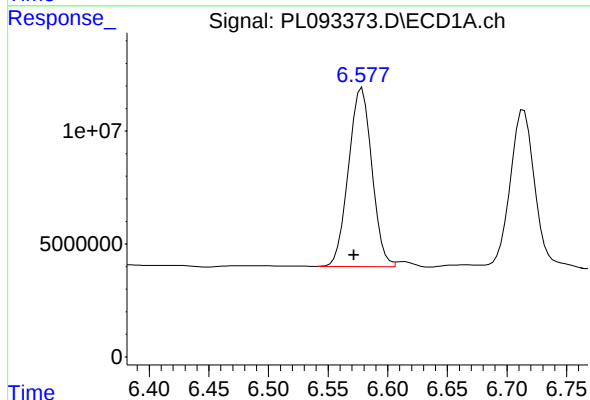
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



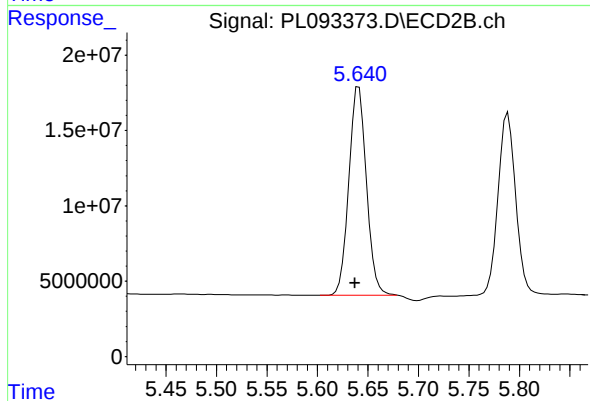
#13 Dieldrin

R.T.: 5.365 min
Delta R.T.: 0.003 min
Response: 191247965
Conc: 51.89 ng/ml



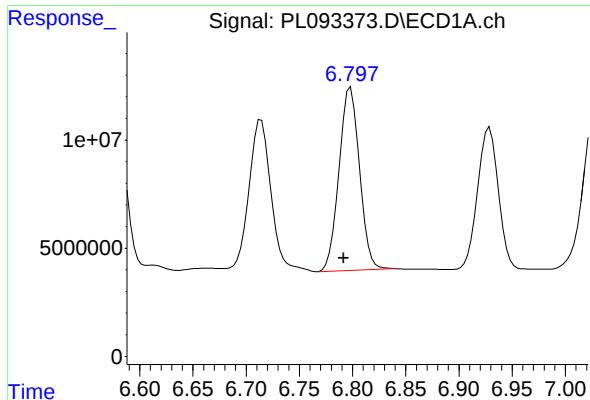
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.005 min
Response: 108288825
Conc: 51.63 ng/ml m



#14 Endrin

R.T.: 5.641 min
Delta R.T.: 0.004 min
Response: 167924884
Conc: 52.65 ng/ml



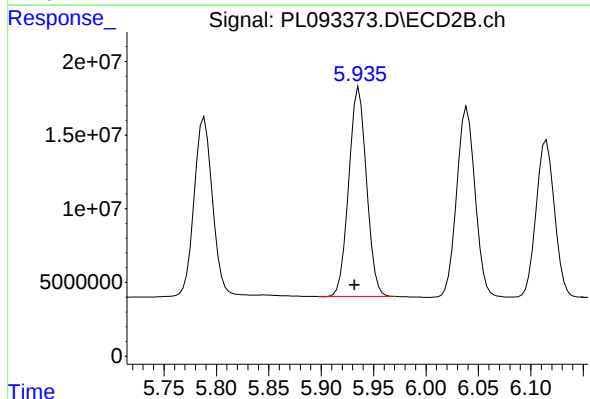
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.006 min
Response: 113058743
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BS

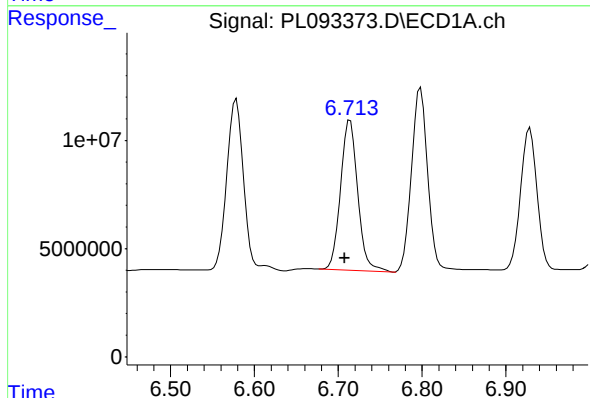
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



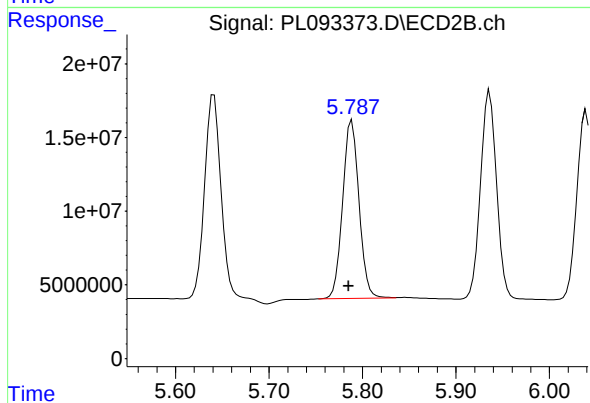
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: 0.004 min
Response: 168611942
Conc: 53.21 ng/ml



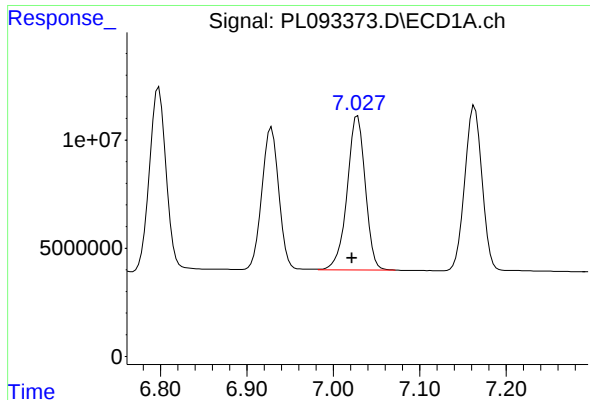
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.006 min
Response: 98727489
Conc: 53.88 ng/ml



#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.003 min
Response: 147161461
Conc: 52.49 ng/ml



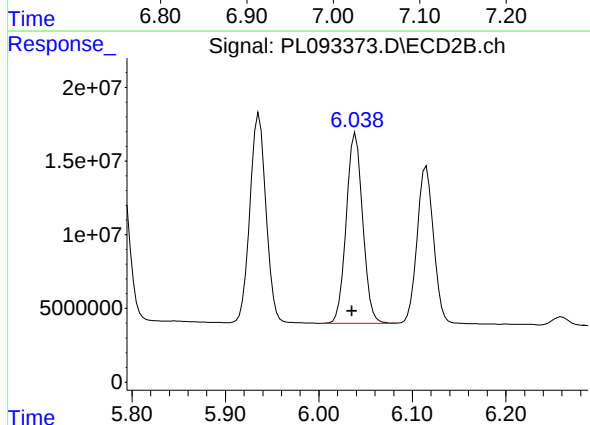
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.006 min
Response: 103550109
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BS

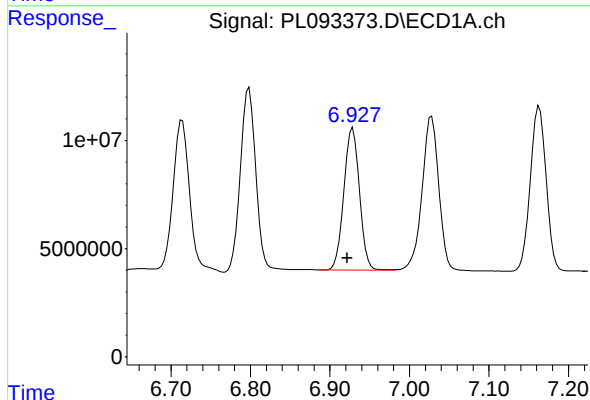
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



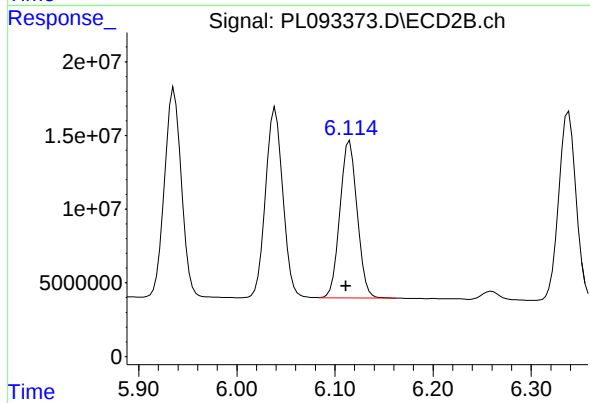
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: 0.004 min
Response: 157824321
Conc: 53.29 ng/ml



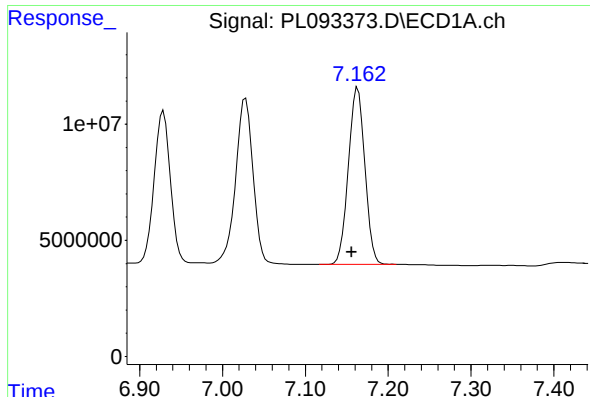
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.007 min
Response: 89501586
Conc: 49.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.004 min
Response: 130723731
Conc: 49.85 ng/ml



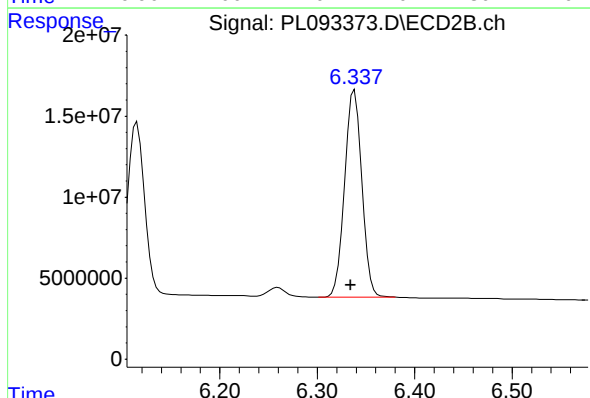
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.007 min
Response: 105306350
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BS

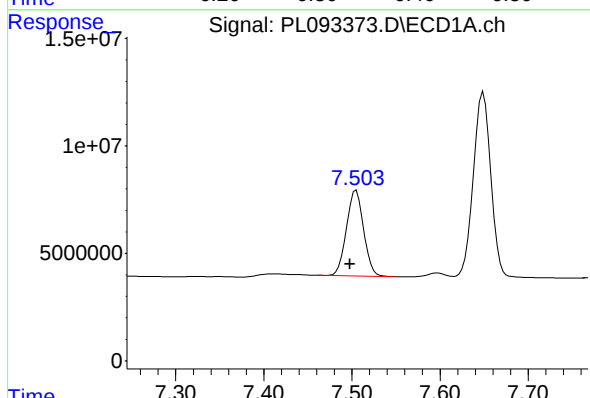
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



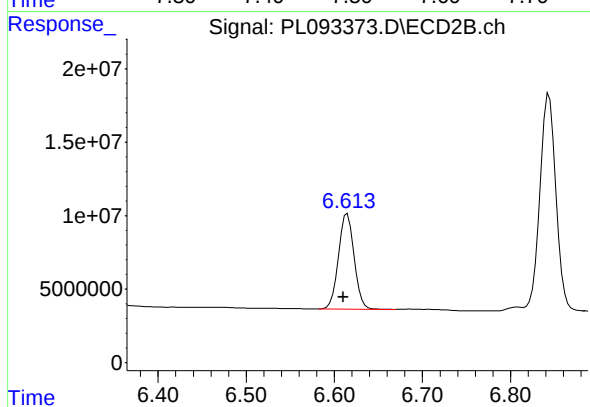
#19 Endosulfan Sulfate

R.T.: 6.338 min
Delta R.T.: 0.004 min
Response: 157224251
Conc: 51.72 ng/ml



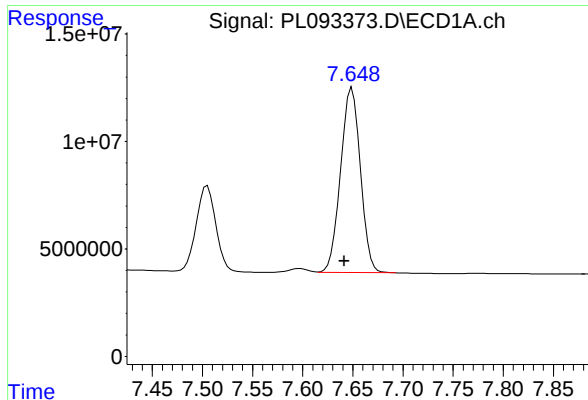
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.007 min
Response: 53868546
Conc: 51.55 ng/ml



#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: 0.004 min
Response: 80297826
Conc: 52.59 ng/ml



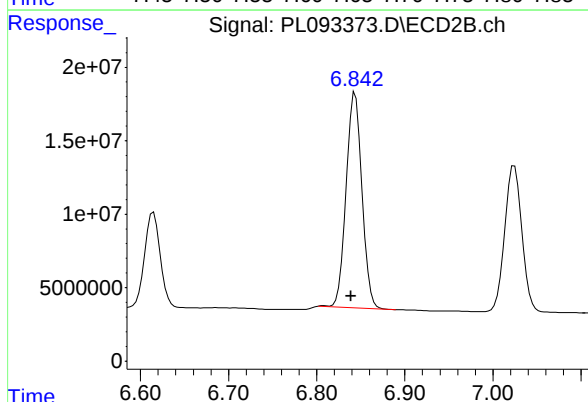
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.008 min
Response: 118204421
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BS

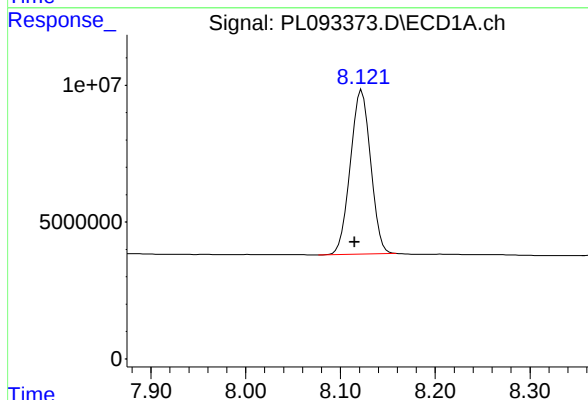
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



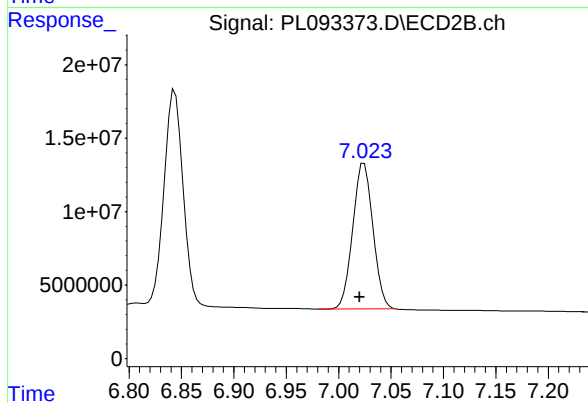
#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: 0.004 min
Response: 182435174
Conc: 54.34 ng/ml



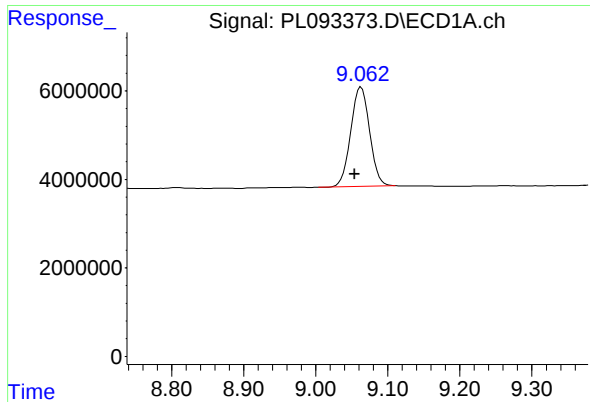
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.008 min
Response: 89491328
Conc: 49.55 ng/ml



#22 Mirex

R.T.: 7.024 min
Delta R.T.: 0.004 min
Response: 133550935
Conc: 49.71 ng/ml



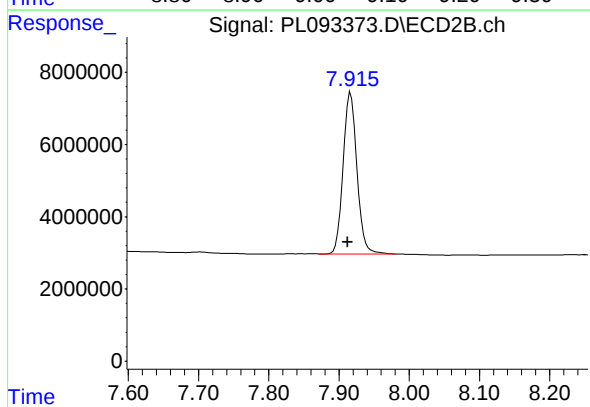
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.009 min
Response: 40994591
Conc: 23.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: 0.004 min
Response: 61080917
Conc: 21.38 ng/ml