

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
 Data File : PL094429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 18:38
 Operator : AR\AJ
 Sample : PB166910BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166910BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/02/2025
 Supervised By : Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 22:15:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 2025
 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 x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.537	2.772	49268150	58964495	19.404	18.477
28) SA Decachlor...	9.053	7.907	40846003	70401488	19.201	18.307
Target Compounds						
2) A alpha-BHC	3.993	3.274	173.4E6	226.2E6	45.843	46.019
3) MA gamma-BHC...	4.326	3.604	166.6E6	216.1E6	45.094	45.875
4) MA Heptachlor	4.914	3.942	162.7E6	225.9E6	47.977	47.859
5) MB Aldrin	5.255	4.221	154.8E6	210.4E6	45.110	45.537
6) B beta-BHC	4.525	3.904	75722798	95867887	47.419	48.201
7) B delta-BHC	4.770	4.133	165.2E6	214.1E6	46.676m	45.202
8) B Heptachlo...	5.682	4.724	140.1E6	201.0E6	46.479	47.234
9) A Endosulfan I	6.067	5.093	129.4E6	189.6E6	47.080	47.556
10) B gamma-Chl...	5.938	4.973	137.9E6	207.7E6	46.981	47.875
11) B alpha-Chl...	6.017	5.037	138.5E6	204.4E6	47.813	47.333
12) B 4,4'-DDE	6.191	5.226	130.9E6	203.0E6	50.111	48.327
13) MA Dieldrin	6.343	5.357	136.0E6	207.4E6	47.720	47.333
14) MA Endrin	6.572	5.633	112.1E6	186.1E6	43.903m	54.671
15) B Endosulfa...	6.793	5.928	115.1E6	189.5E6	45.736	50.676
16) A 4,4'-DDD	6.709	5.781	98638523	167.2E6	53.325	52.477
17) MA 4,4'-DDT	7.022	6.031	106.4E6	182.1E6	50.678	51.193
18) B Endrin al...	6.923	6.107	89500941	146.9E6	45.973	46.486
19) B Endosulfa...	7.158	6.330	104.5E6	176.1E6	46.151	47.669
20) A Methoxychlor	7.499	6.607	54829386	96127922	49.350	49.270
21) B Endrin ke...	7.643	6.835	115.2E6	210.4E6	45.934	49.309
22) Mirex	8.115	7.015	85043926	151.8E6	41.217	43.543

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
Data File : PL094429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 18:38
Operator : AR\AJ
Sample : PB166910BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

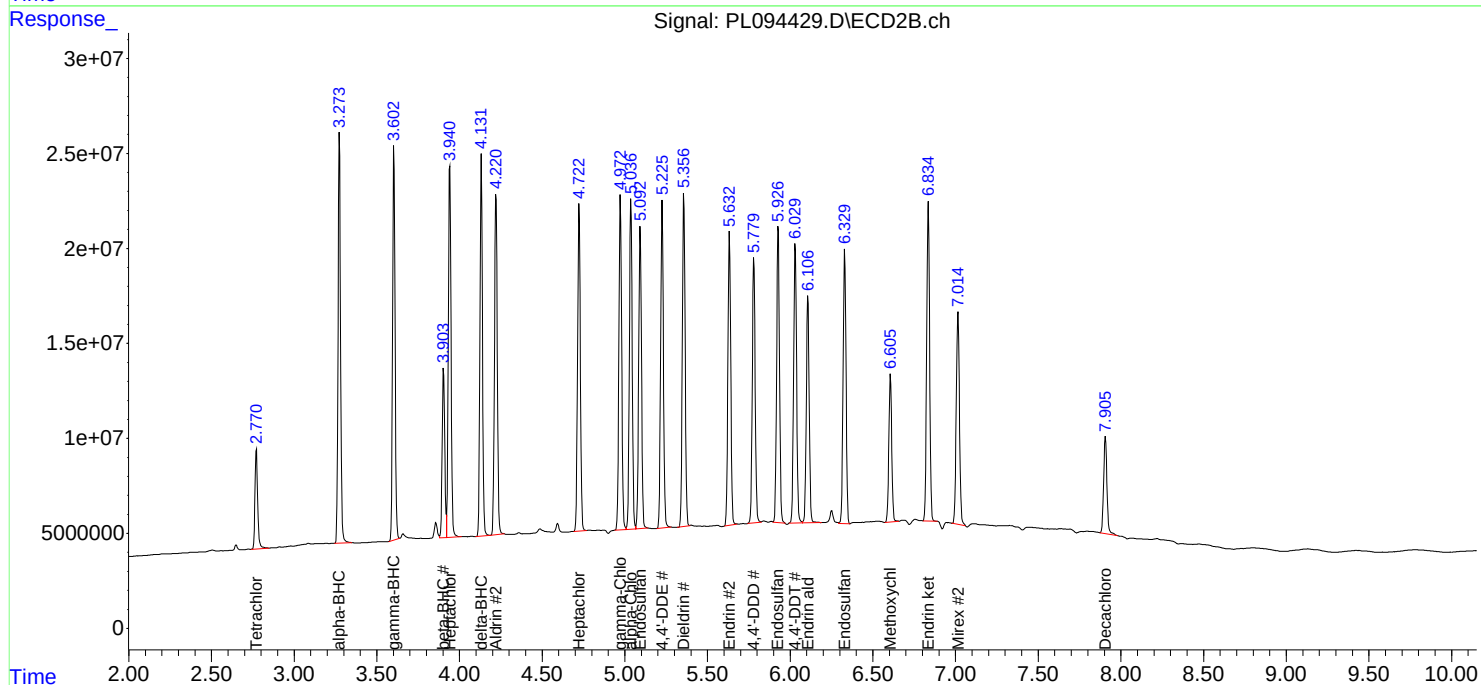
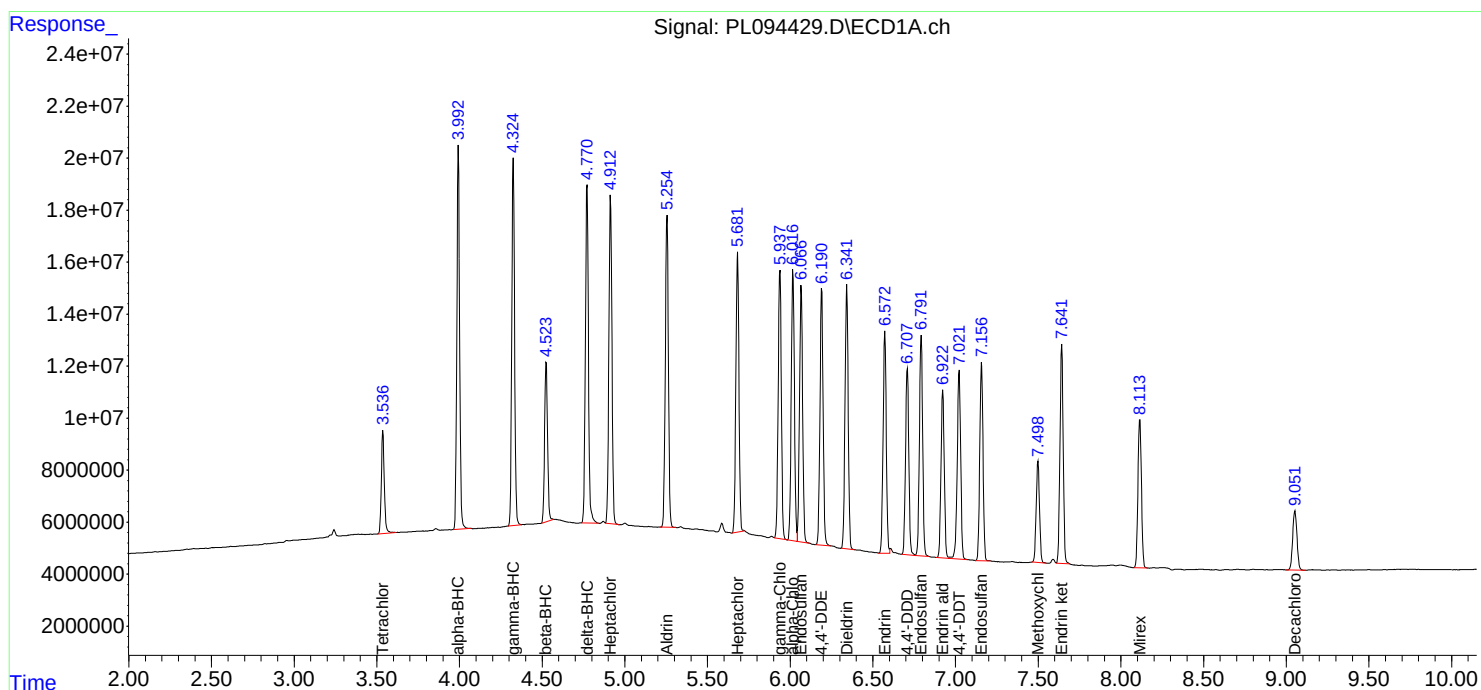
Instrument :
ECD_L
ClientSampleId :
PB166910BSD

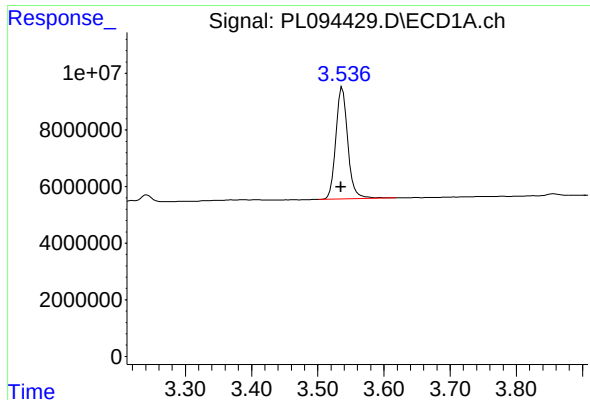
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:15:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 2025
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 x0.25µm





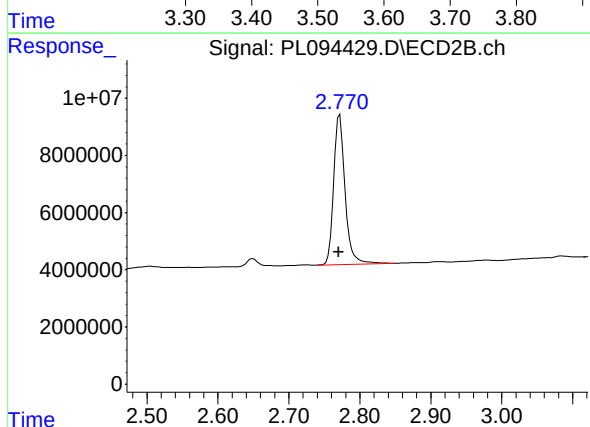
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 49268150
Conc: 19.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BSD

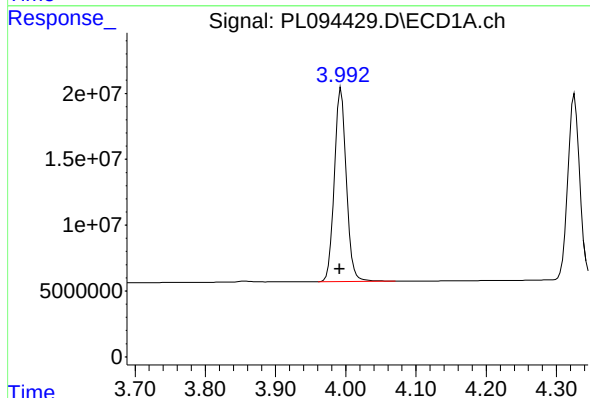
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



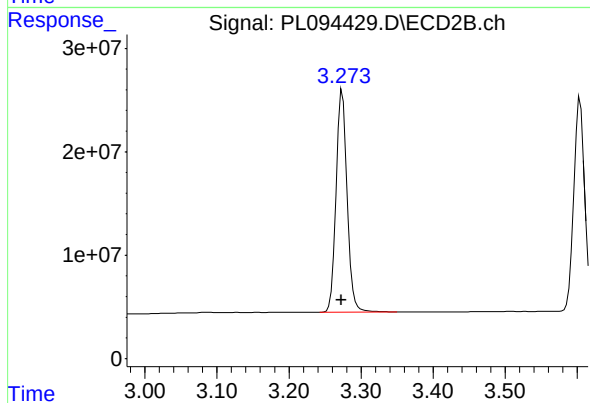
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 58964495
Conc: 18.48 ng/ml



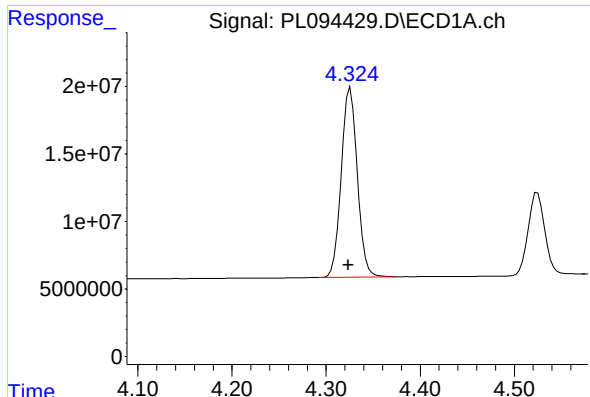
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 173408227
Conc: 45.84 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 226175376
Conc: 46.02 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 166609672
Conc: 45.09 ng/ml

Instrument :

ECD_L

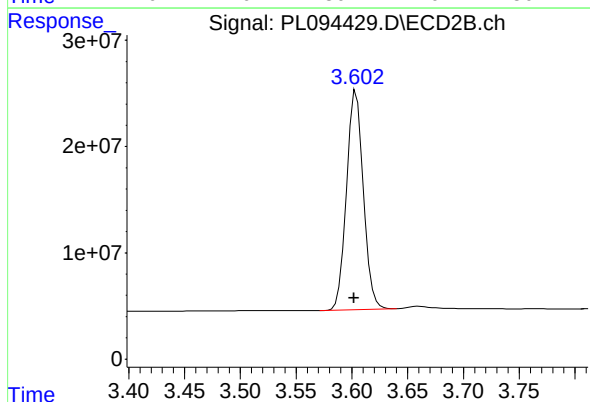
ClientSampleId :

PB166910BSD

Manual Integrations

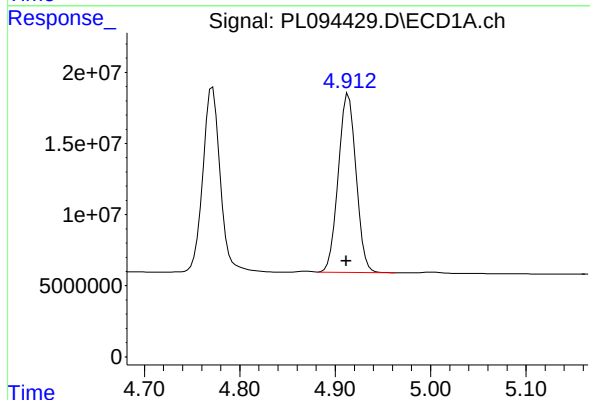
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



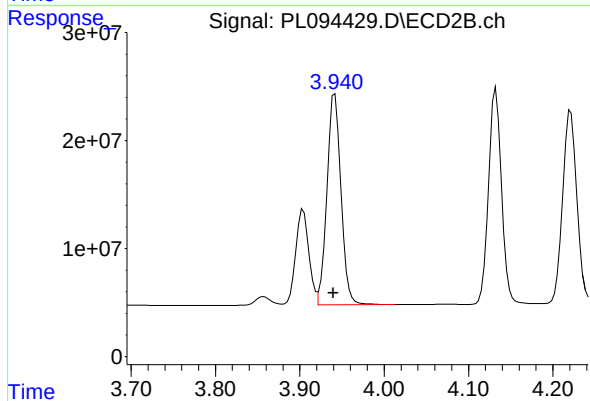
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 216069111
Conc: 45.88 ng/ml



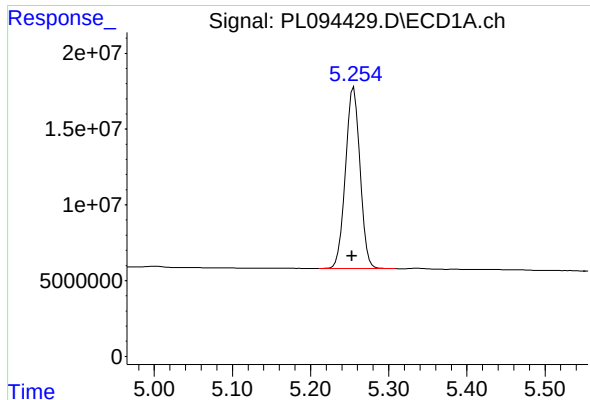
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 162660346
Conc: 47.98 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 225910954
Conc: 47.86 ng/ml



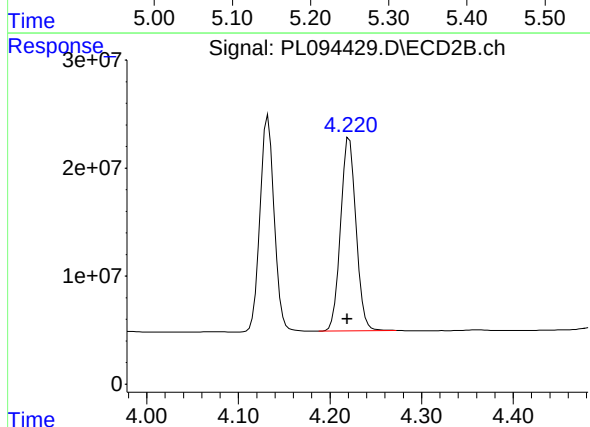
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 154805904
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BSD

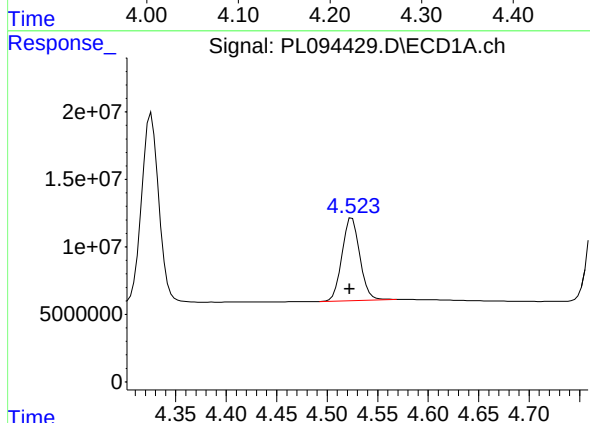
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



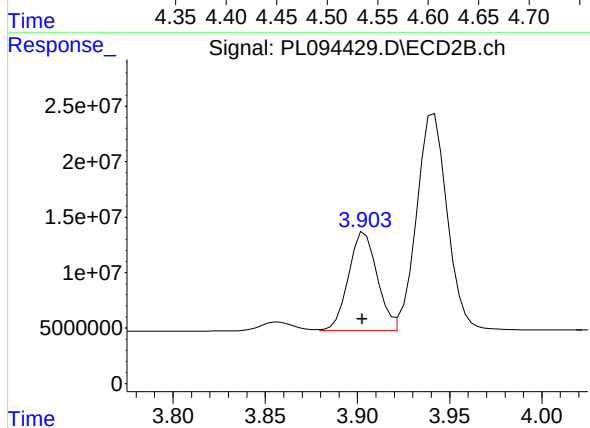
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 210396842
Conc: 45.54 ng/ml



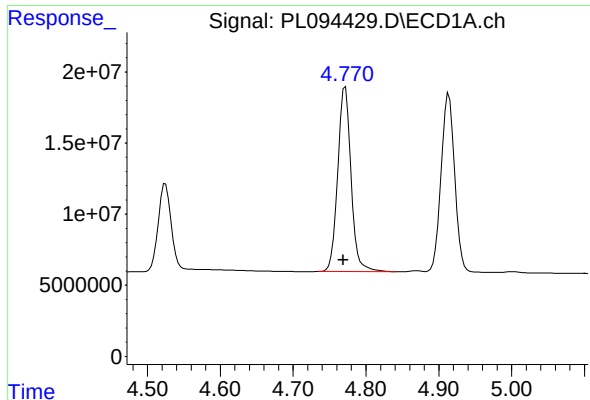
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 75722798
Conc: 47.42 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 95867887
Conc: 48.20 ng/ml



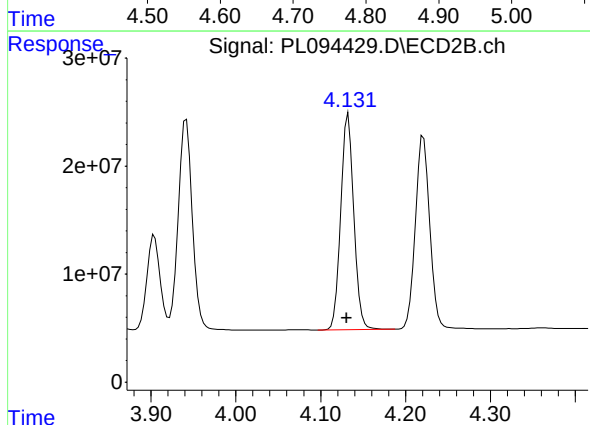
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.001 min
Response: 165153899
Conc: 46.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BSD

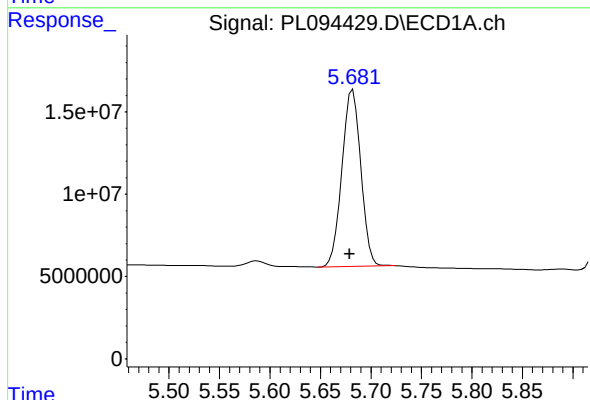
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



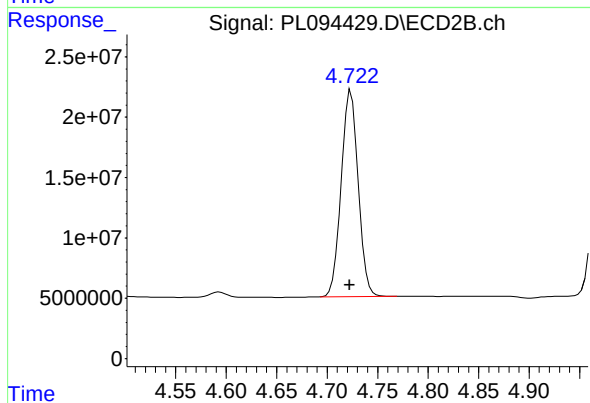
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 214062457
Conc: 45.20 ng/ml



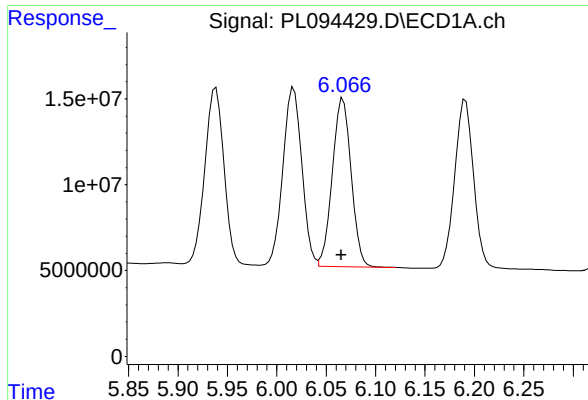
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 140059396
Conc: 46.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 200998797
Conc: 47.23 ng/ml



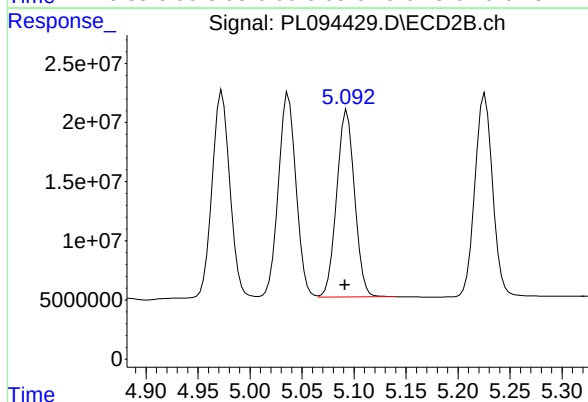
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 129405951
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BSD

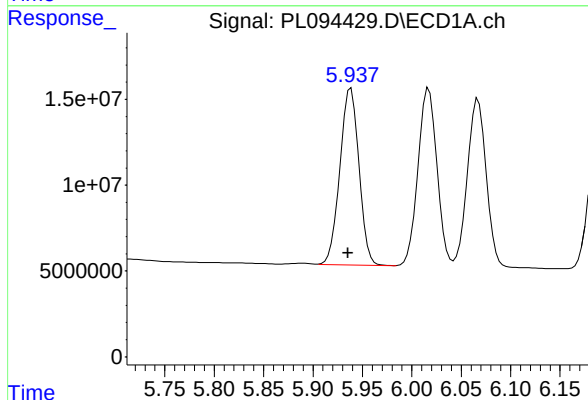
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



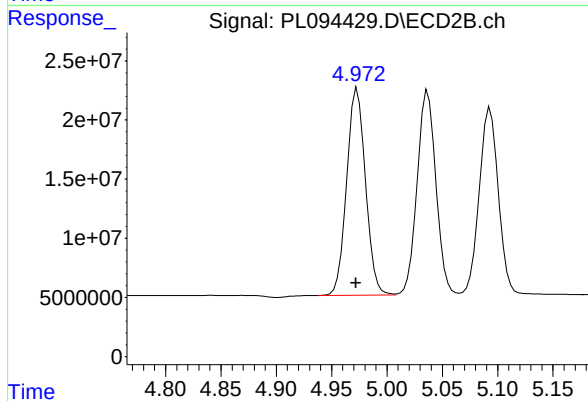
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 189584823
Conc: 47.56 ng/ml



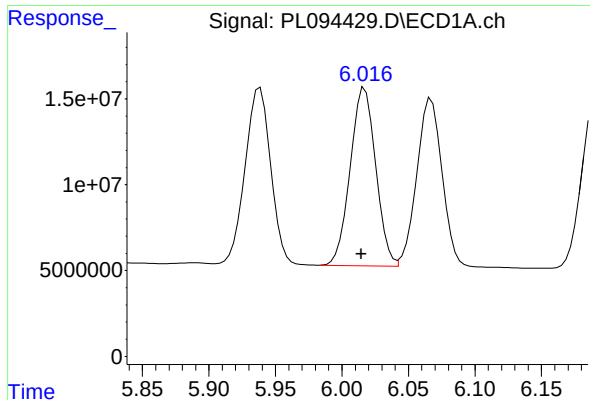
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 137943186
Conc: 46.98 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 207720832
Conc: 47.87 ng/ml



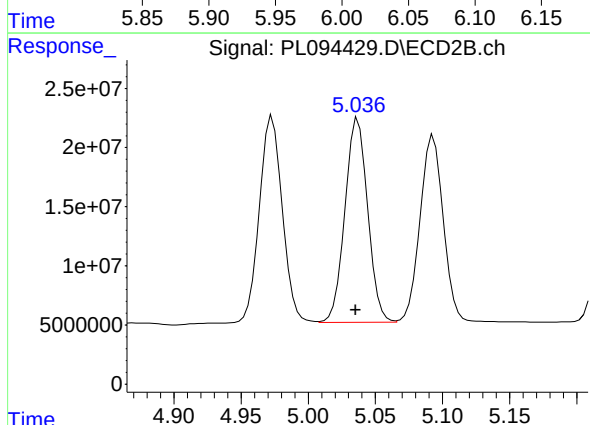
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.003 min
Response: 138517748
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BSD

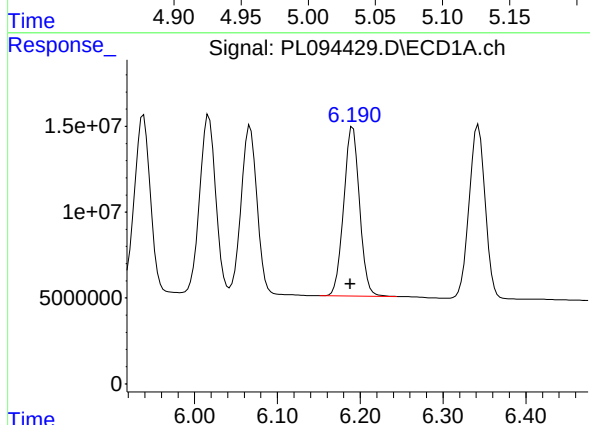
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



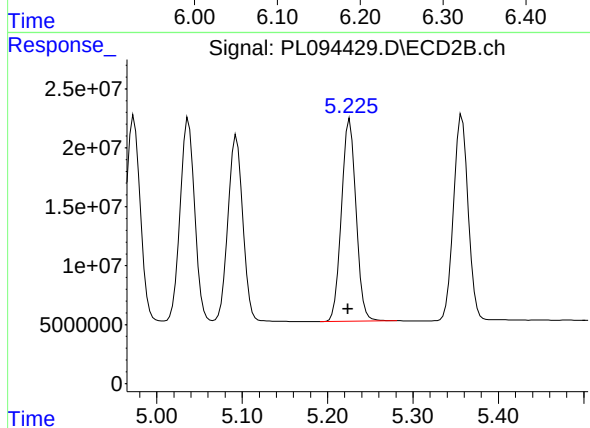
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 204366206
Conc: 47.33 ng/ml



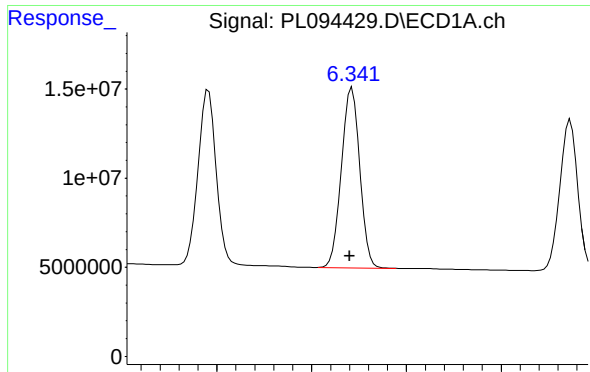
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 130877094
Conc: 50.11 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 202972570
Conc: 48.33 ng/ml



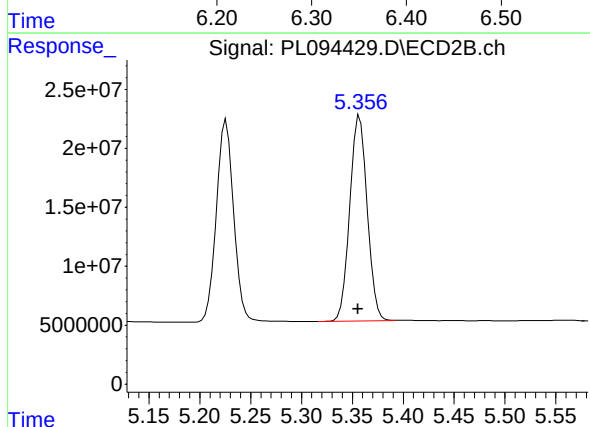
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 135955685
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BSD

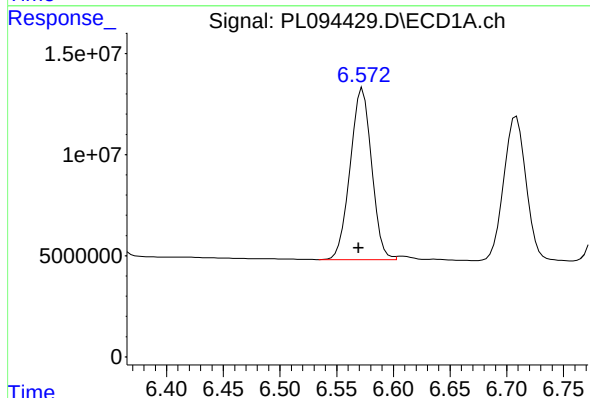
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



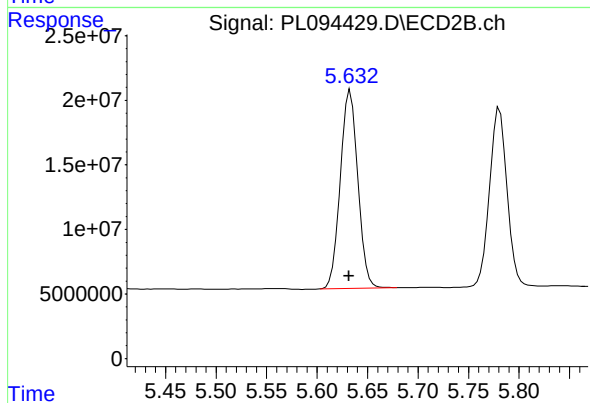
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 207400619
Conc: 47.33 ng/ml



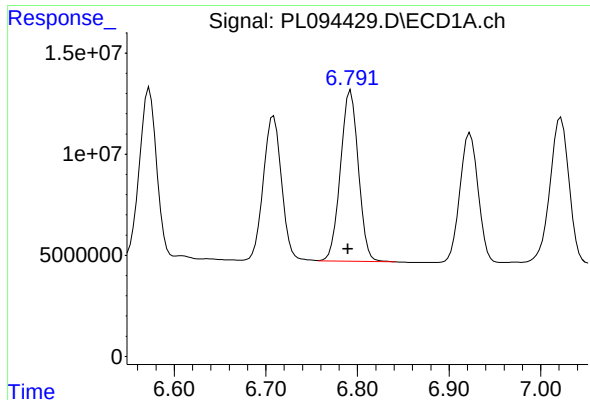
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 112054058
Conc: 43.90 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 186139401
Conc: 54.67 ng/ml



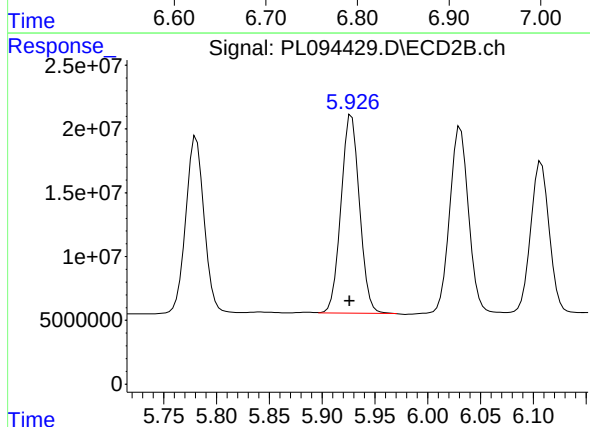
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 115128136
Conc: 45.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BSD

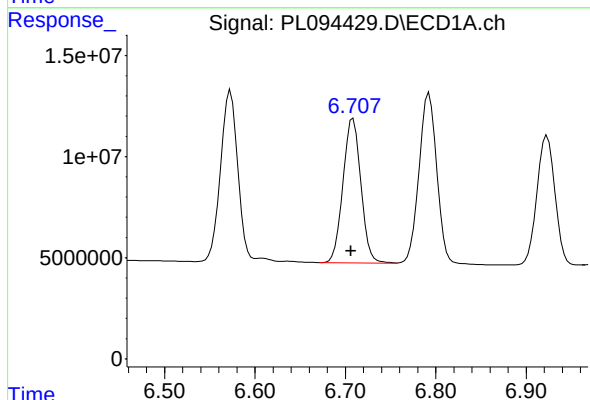
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



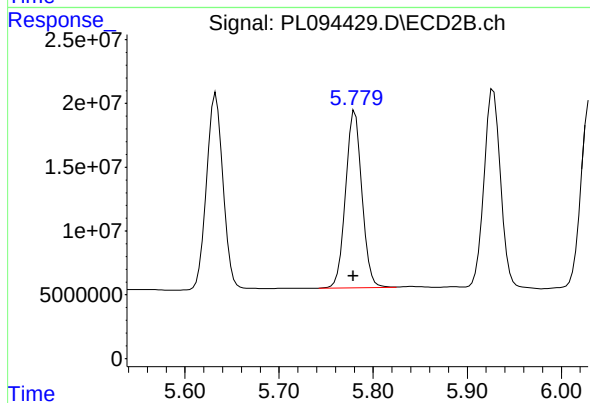
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 189505965
Conc: 50.68 ng/ml



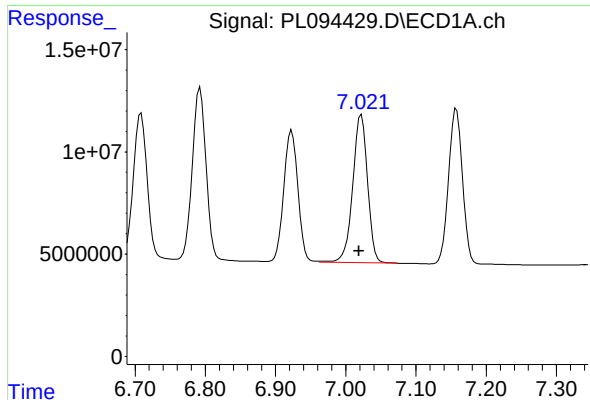
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.002 min
Response: 98638523
Conc: 53.33 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 167154630
Conc: 52.48 ng/ml



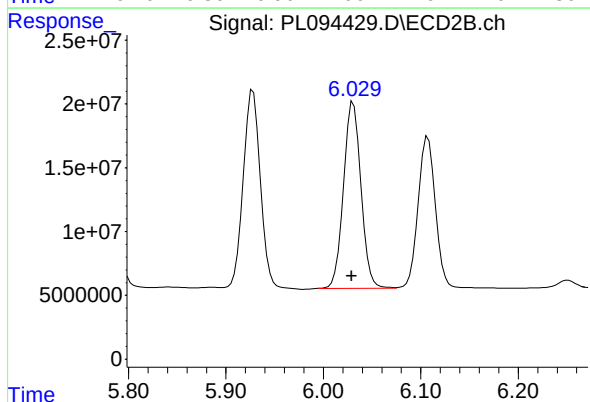
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 106425238
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BSD

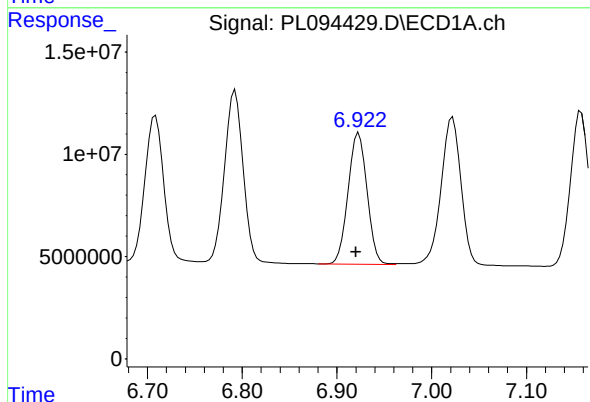
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



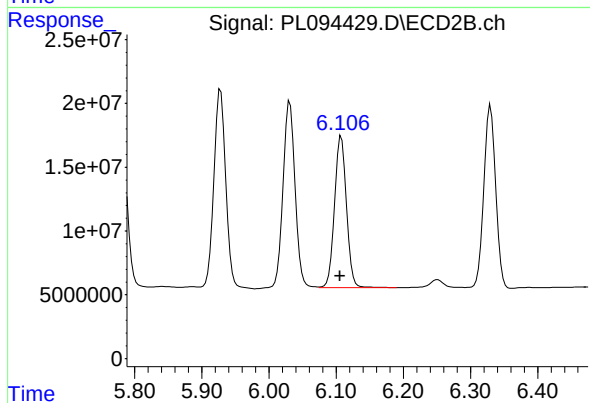
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 182093497
Conc: 51.19 ng/ml



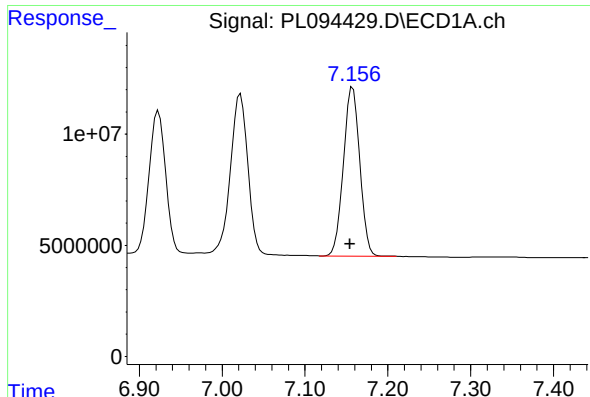
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 89500941
Conc: 45.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 146916634
Conc: 46.49 ng/ml



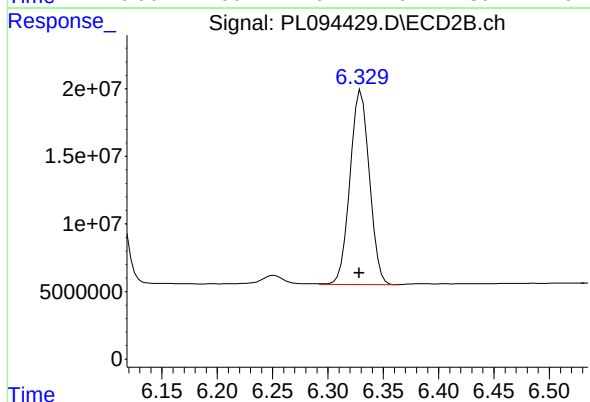
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.003 min
Response: 104479466
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BSD

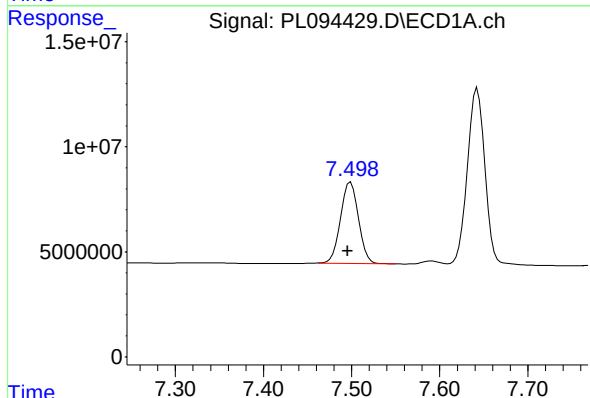
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



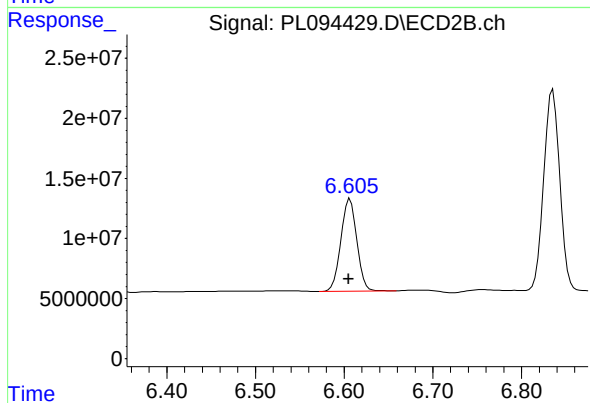
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 176072081
Conc: 47.67 ng/ml



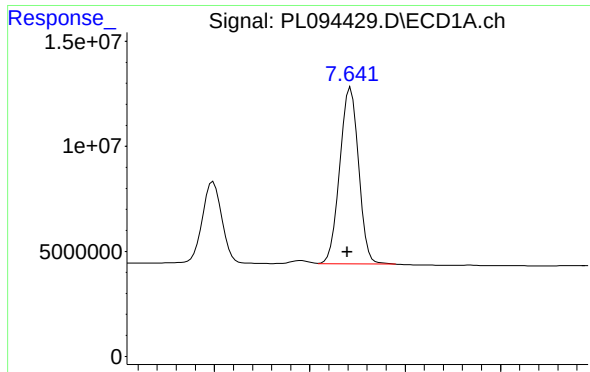
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.003 min
Response: 54829386
Conc: 49.35 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 96127922
Conc: 49.27 ng/ml



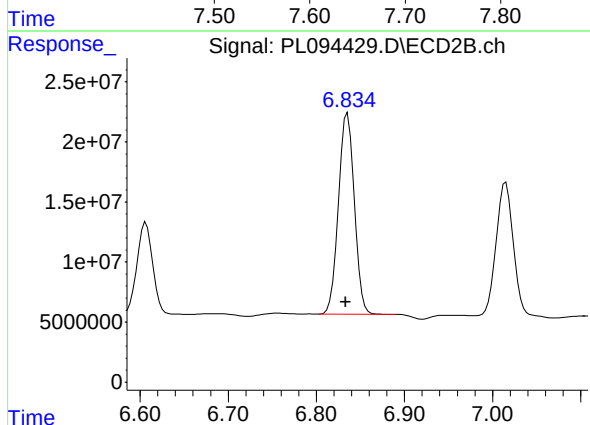
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 115153723
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BSD

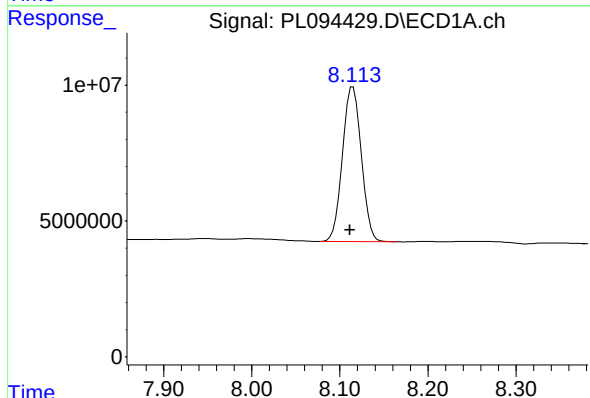
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



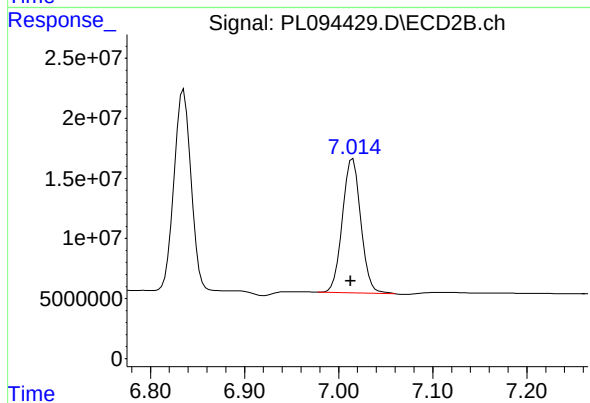
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 210427448
Conc: 49.31 ng/ml



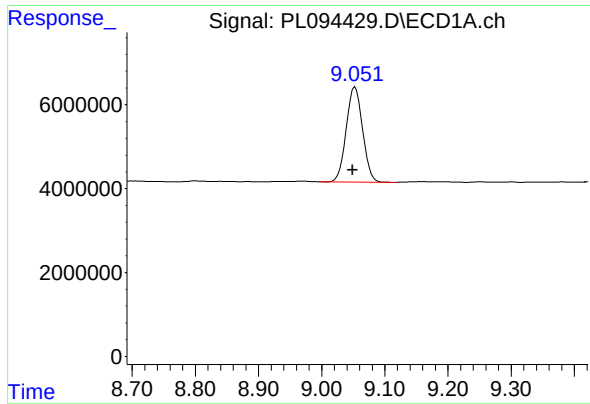
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.003 min
Response: 85043926
Conc: 41.22 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.002 min
Response: 151834389
Conc: 43.54 ng/ml



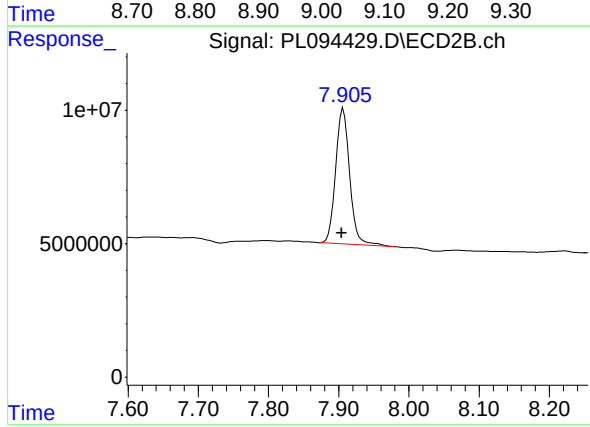
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.004 min
Response: 40846003
Conc: 19.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.002 min
Response: 70401488
Conc: 18.31 ng/ml