

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031825\
 Data File : PL094729.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2025 16:34
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/19/2025
 Supervised By : mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 01:42:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.536	2.770	150.0E6	203.3E6	52.976	56.966
2) SA Decachlor...	9.051	7.904	109.5E6	176.8E6	51.944	43.779
Target Compounds						
2) A alpha-BHC	3.992	3.272	217.9E6	311.4E6	52.466	57.751
3) MA gamma-BHC...	4.324	3.601	207.9E6	291.9E6	52.092	56.803
4) MA Heptachlor	4.912	3.939	187.4E6	273.4E6	48.282	51.893
5) MB Aldrin	5.253	4.219	185.9E6	268.6E6	50.336	55.082
6) B beta-BHC	4.523	3.902	95436208	127.3E6	51.721	57.292
7) B delta-BHC	4.770	4.130	206.9E6	289.6E6	53.134	57.903
8) B Heptachlo...	5.680	4.721	169.5E6	248.5E6	50.663	54.275
9) A Endosulfan I	6.066	5.091	155.2E6	238.3E6	50.551	54.305
10) B gamma-Chl...	5.936	4.971	173.4E6	264.2E6	51.469	54.714
11) B alpha-Chl...	6.014	5.034	168.1E6	258.9E6	50.984	54.238
12) B 4,4'-DDE	6.189	5.223	162.2E6	267.3E6	55.118	57.509
13) MA Dieldrin	6.341	5.355	161.8E6	264.4E6	50.579	54.499
14) MA Endrin	6.569	5.629	133.4E6	233.4E6	48.121m	53.478m
15) B Endosulfa...	6.791	5.925	136.0E6	228.1E6	50.089	52.689
16) A 4,4'-DDD	6.707	5.778	124.0E6	213.9E6	57.240	59.478
17) MA 4,4'-DDT	7.020	6.028	115.2E6	200.9E6	48.421	49.831
18) B Endrin al...	6.921	6.105	100.6E6	165.3E6	47.668	49.119
19) B Endosulfa...	7.156	6.328	122.3E6	213.6E6	50.286	52.431
20) A Methoxychlor	7.497	6.603	58753122	102.4E6	49.081	48.299
21) B Endrin ke...	7.641	6.832	136.2E6	235.7E6	51.516	49.392
22) Mirex	8.113	7.012	99260551	177.1E6	48.038	46.656

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031825\
Data File : PL094729.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2025 16:34
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

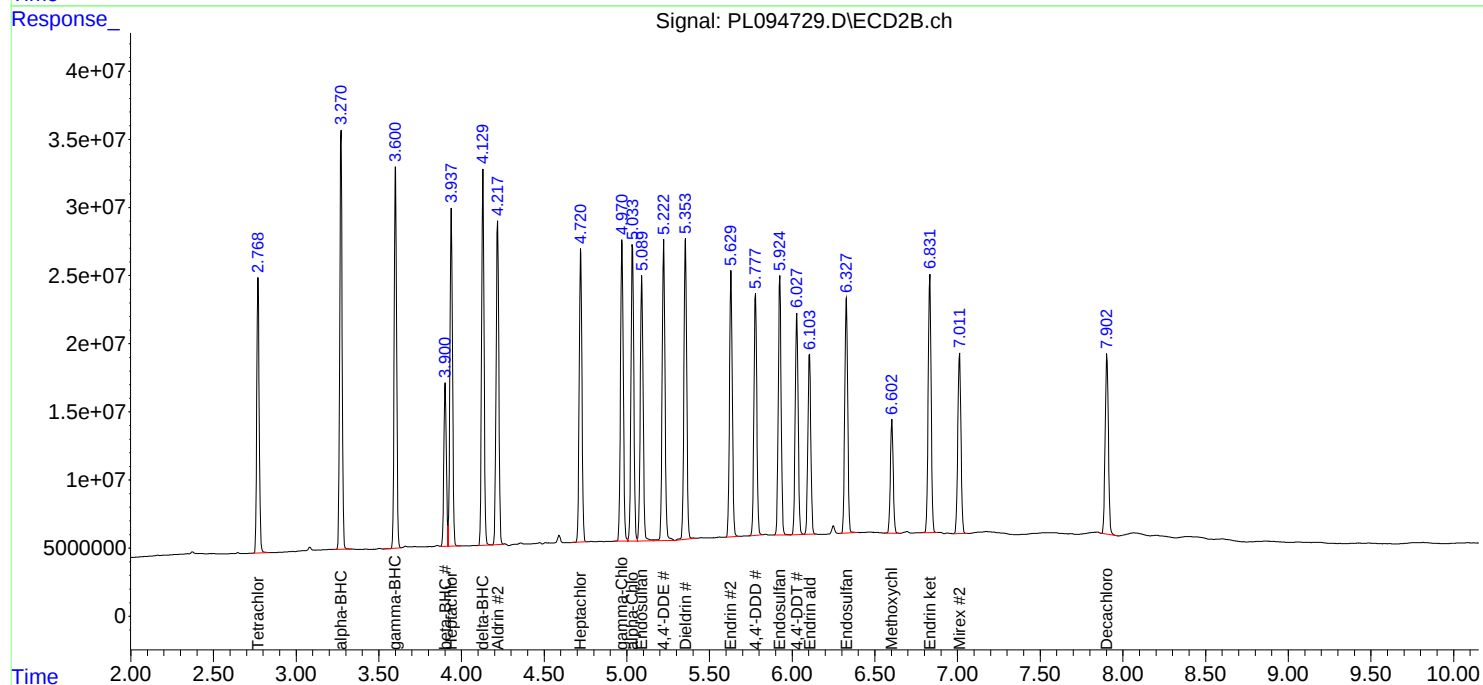
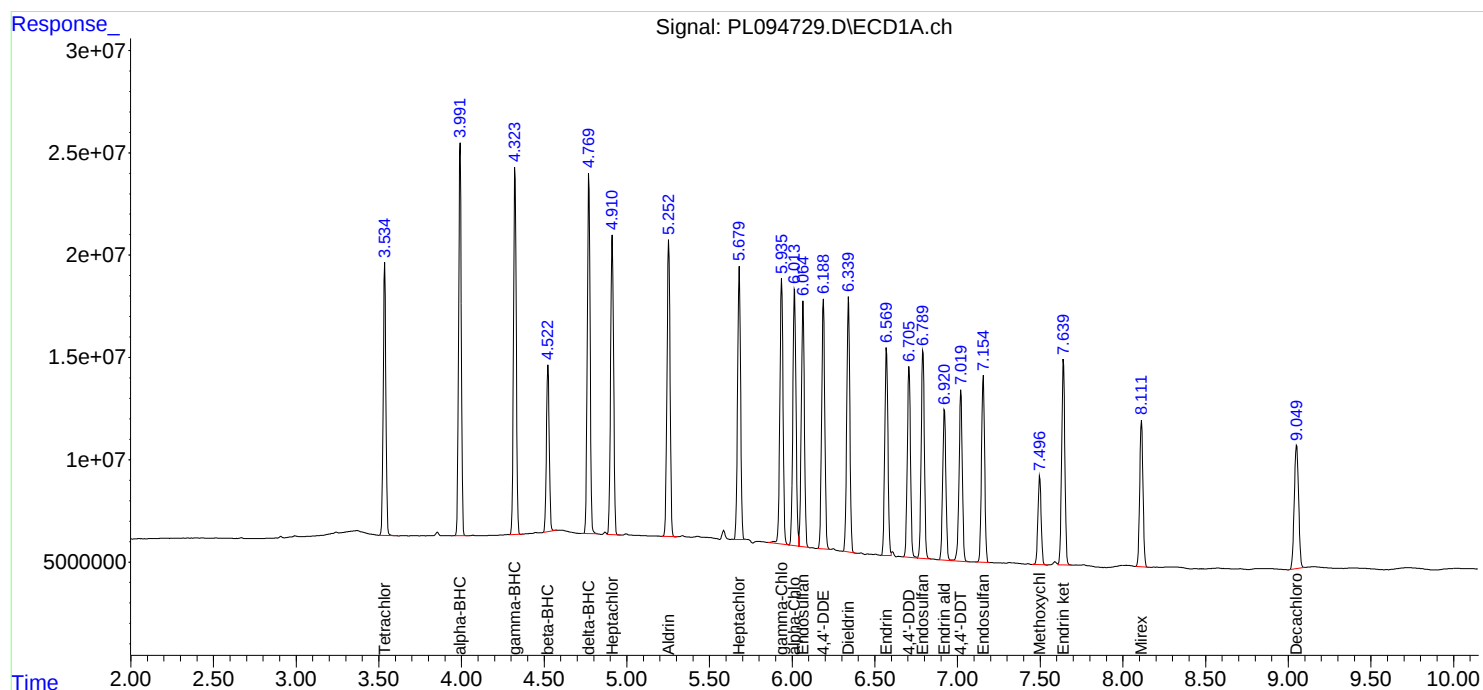
APPROVED

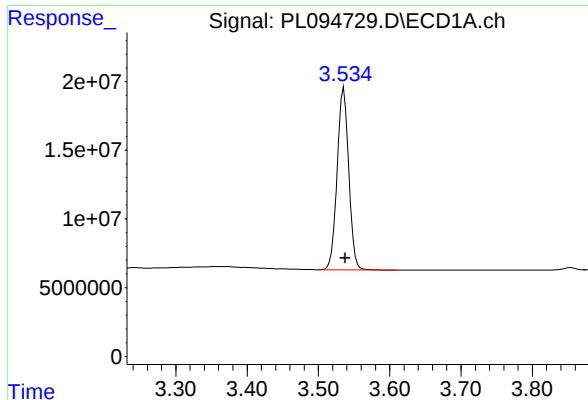
Reviewed By :Abdul Mirza 03/19/2025

Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 01:42:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





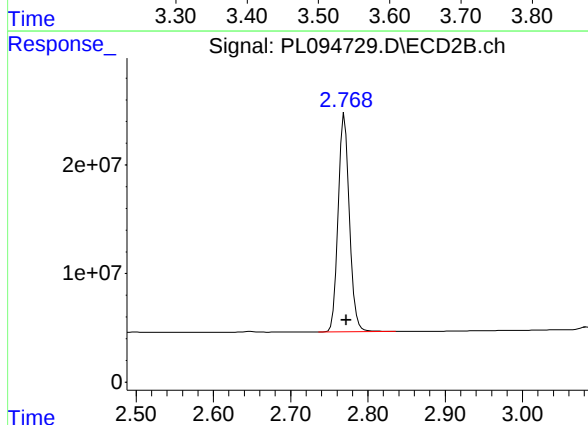
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 149958215
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

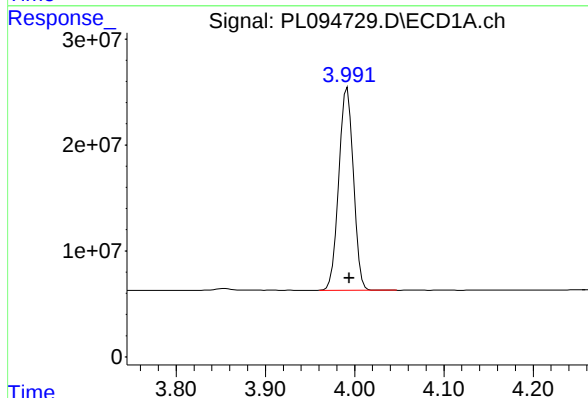
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



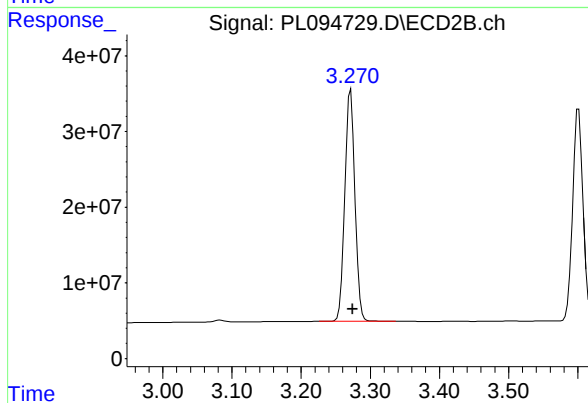
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 203326618
Conc: 56.97 ng/ml



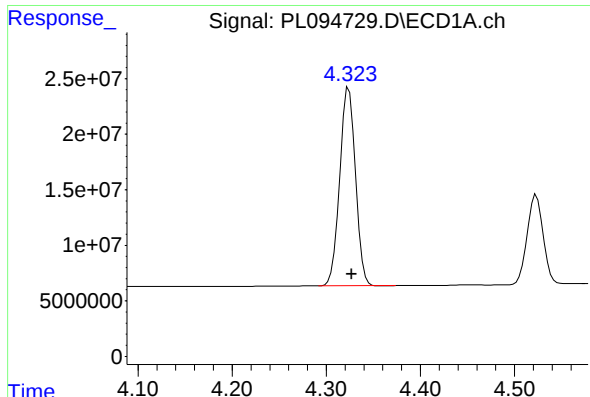
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 217855529
Conc: 52.47 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 311359136
Conc: 57.75 ng/ml



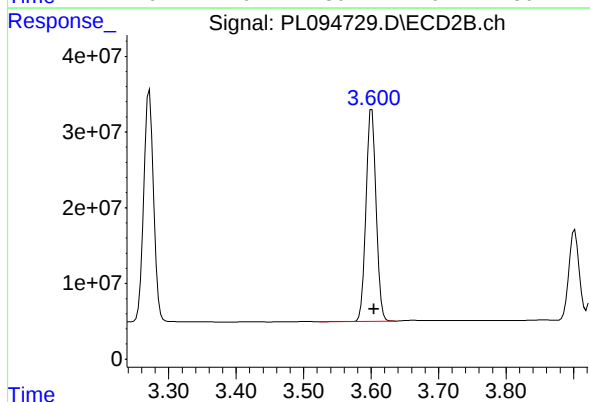
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 207860296
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

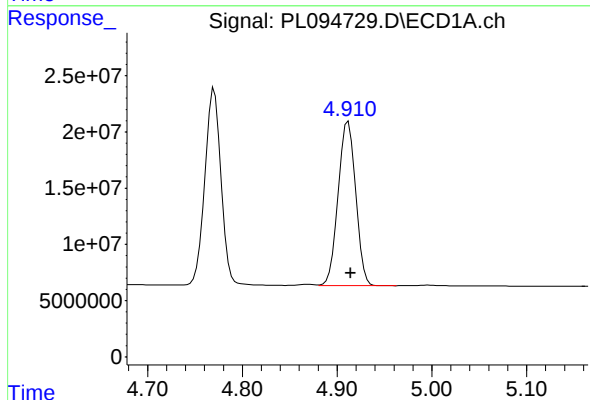
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



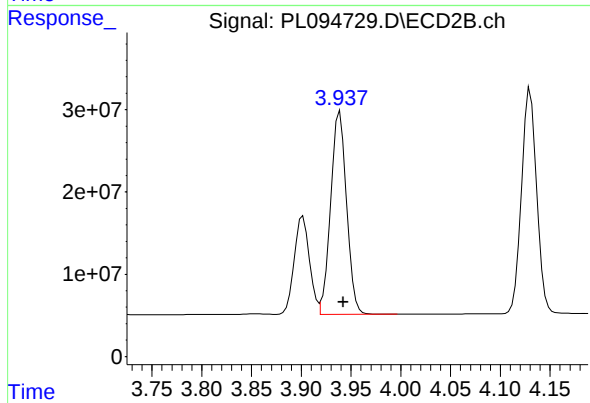
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 291934809
Conc: 56.80 ng/ml



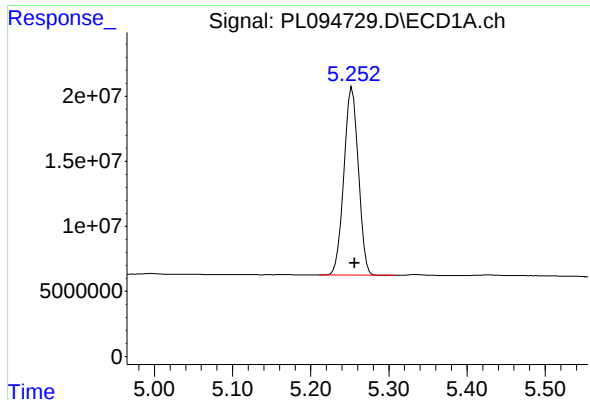
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 187412948
Conc: 48.28 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 273405799
Conc: 51.89 ng/ml



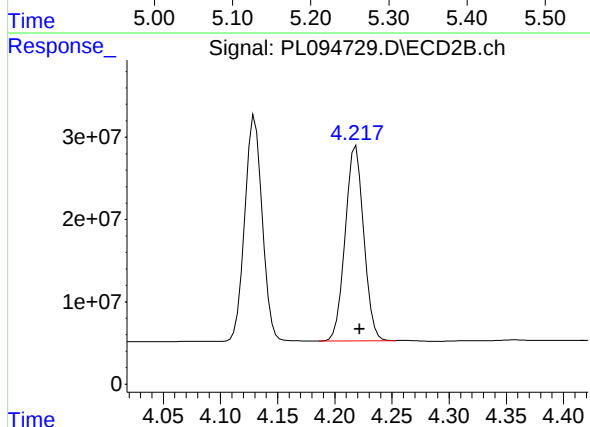
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 185850865
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

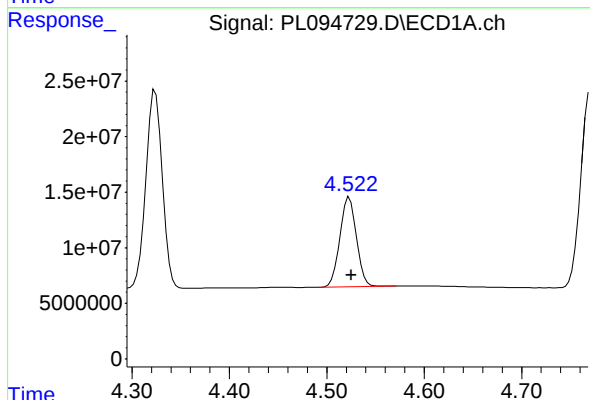
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



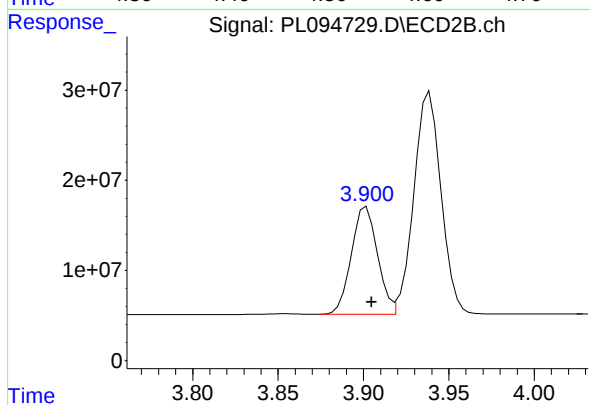
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 268596710
Conc: 55.08 ng/ml



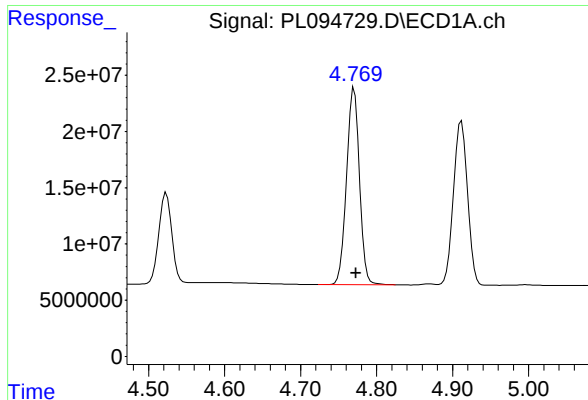
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 95436208
Conc: 51.72 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 127262568
Conc: 57.29 ng/ml



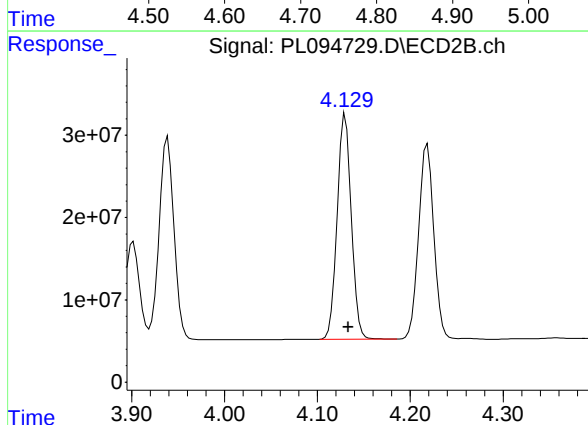
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 206919479
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

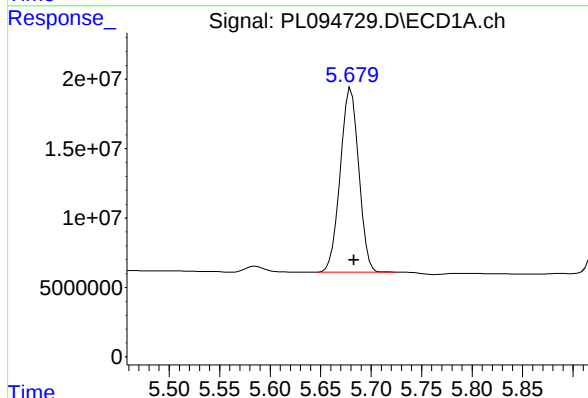
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



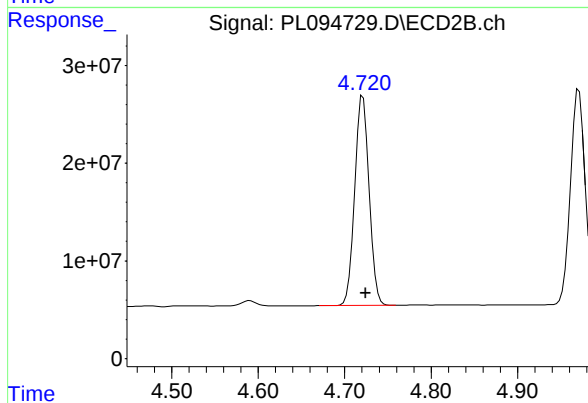
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 289628784
Conc: 57.90 ng/ml



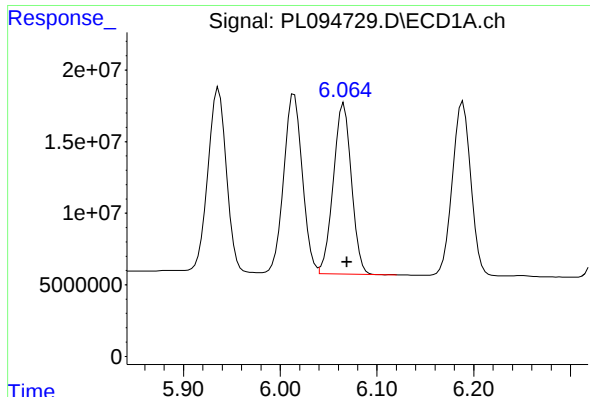
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 169476243
Conc: 50.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 248501846
Conc: 54.27 ng/ml



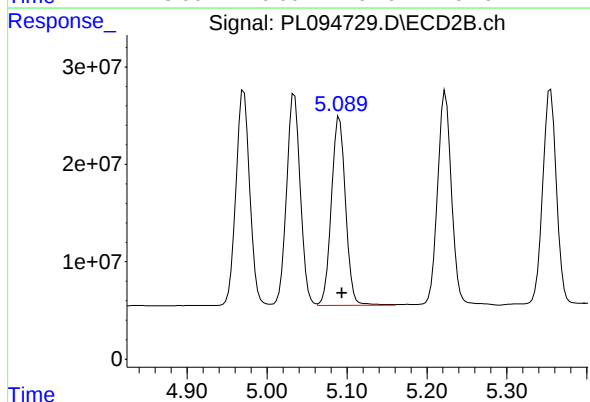
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 155202757
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

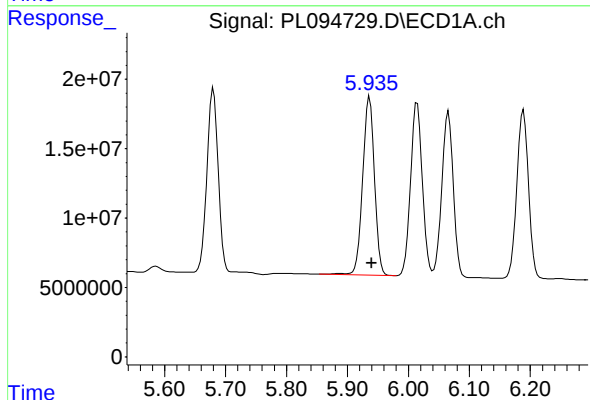
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



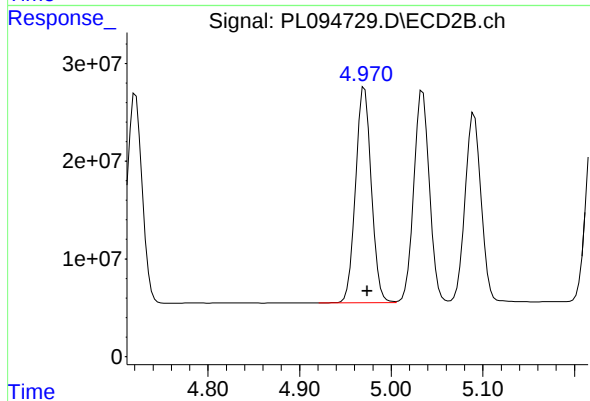
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 238328891
Conc: 54.30 ng/ml



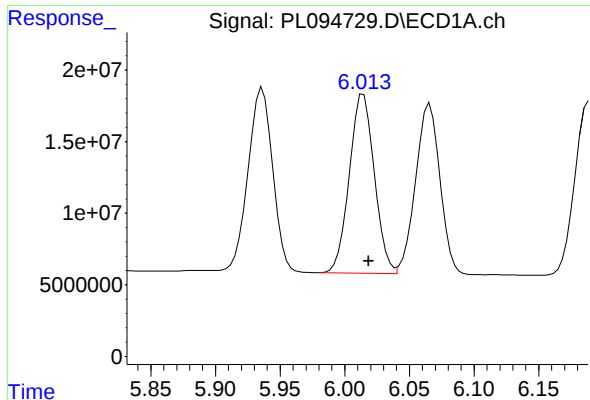
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 173417831
Conc: 51.47 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 264181130
Conc: 54.71 ng/ml



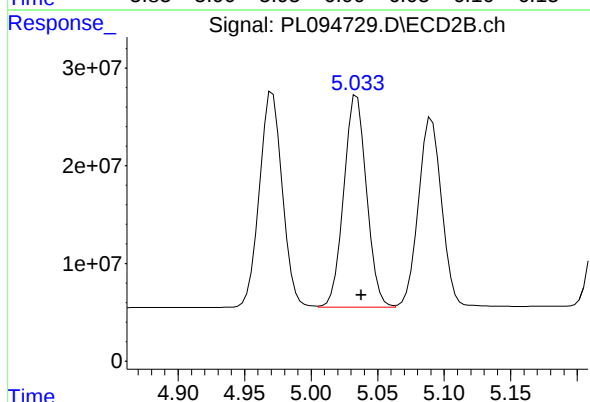
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 168085651
Conc: 50.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

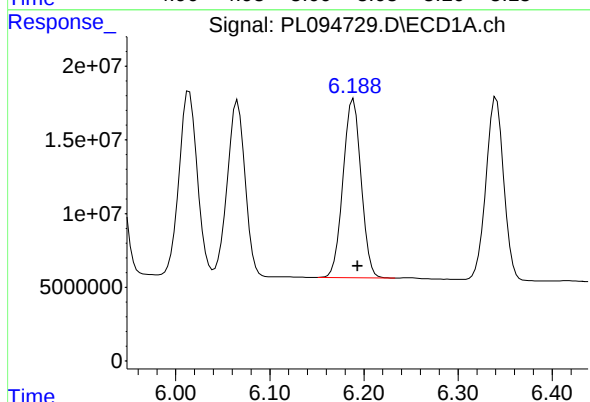
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



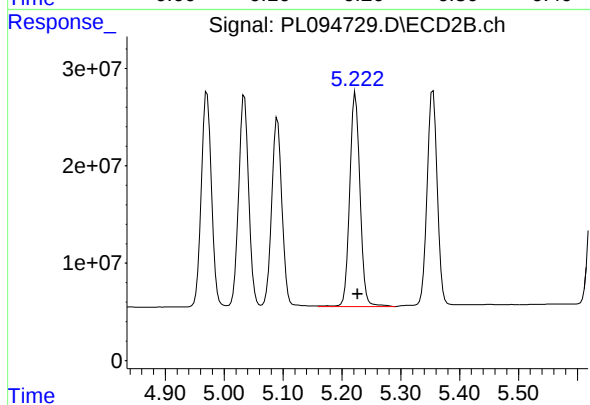
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 258864837
Conc: 54.24 ng/ml



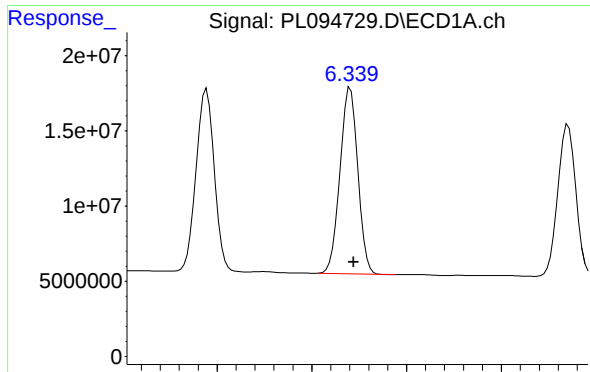
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 162161365
Conc: 55.12 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.003 min
Response: 267331018
Conc: 57.51 ng/ml



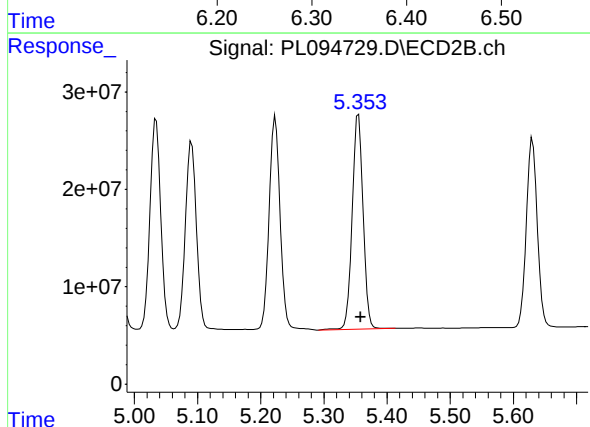
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 161757230
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

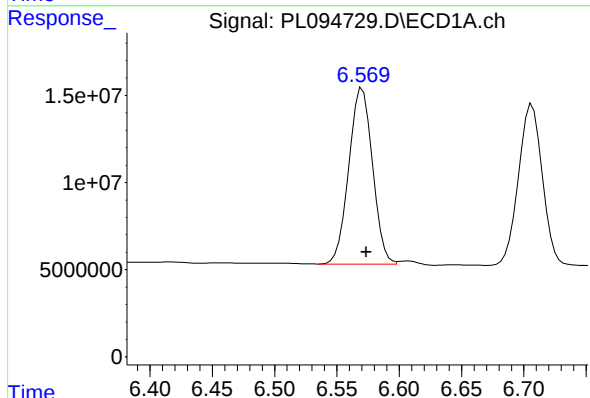
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



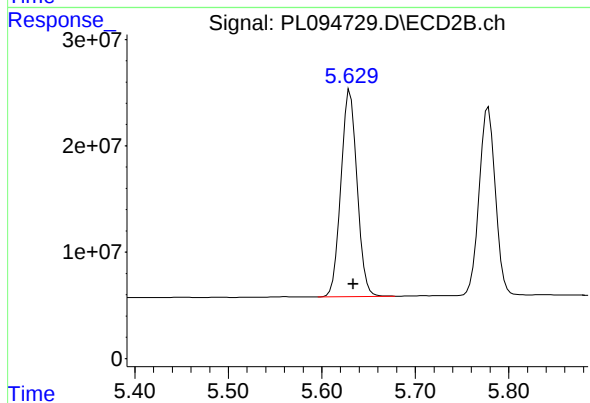
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.004 min
Response: 264419475
Conc: 54.50 ng/ml



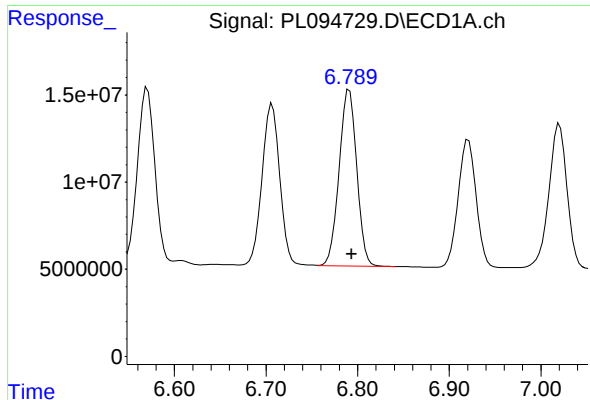
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 133395925
Conc: 48.12 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 233359150
Conc: 53.48 ng/ml m



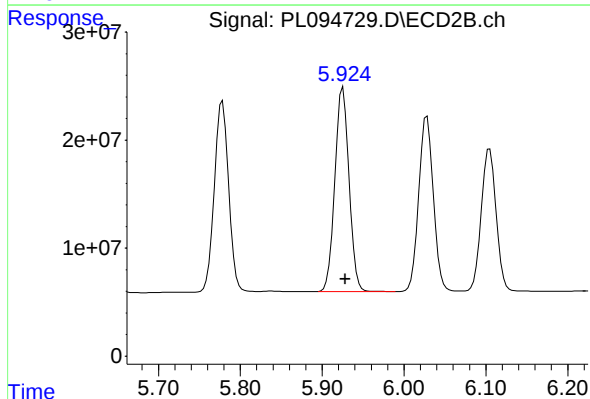
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 135979625
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

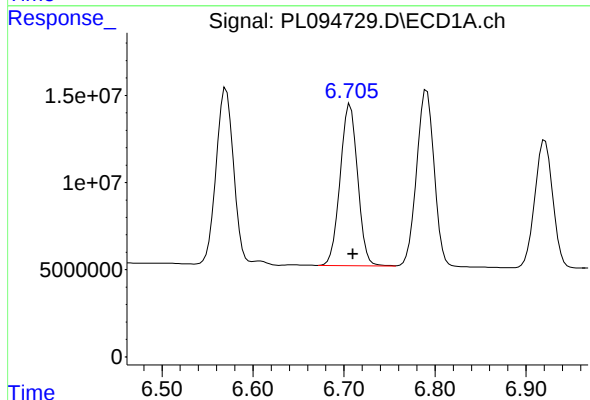
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



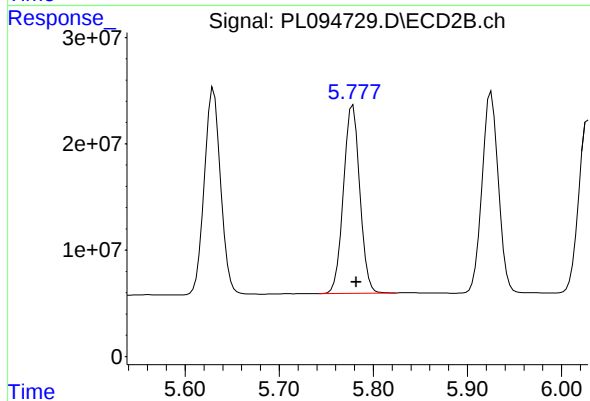
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 228050213
Conc: 52.69 ng/ml



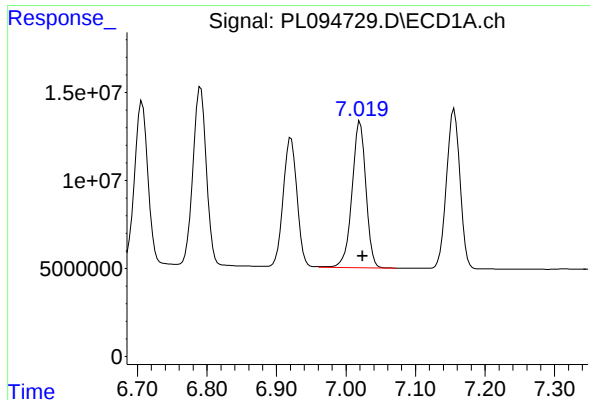
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 123986057
Conc: 57.24 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 213875375
Conc: 59.48 ng/ml



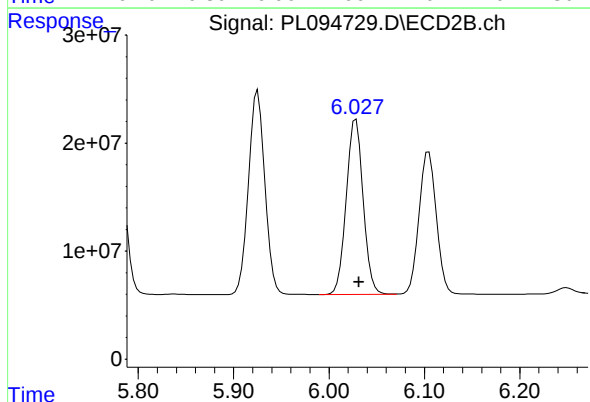
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 115172281
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

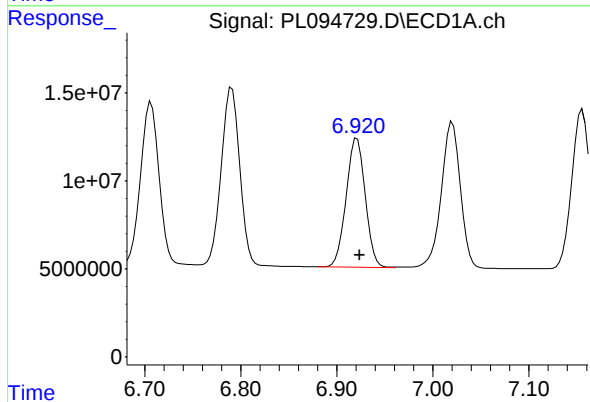
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



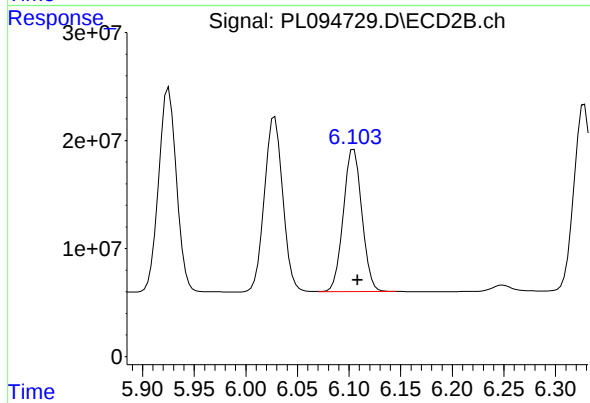
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 200924105
Conc: 49.83 ng/ml



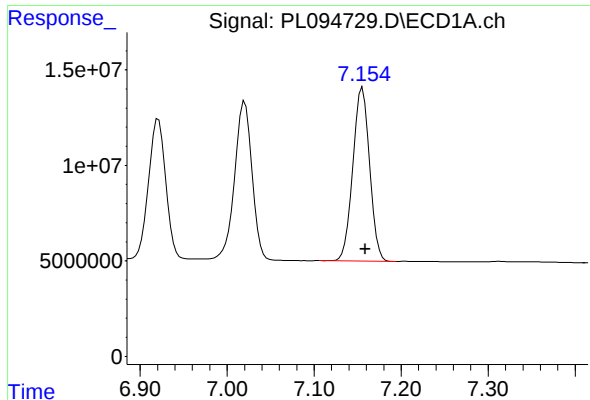
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 100626448
Conc: 47.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 165304824
Conc: 49.12 ng/ml



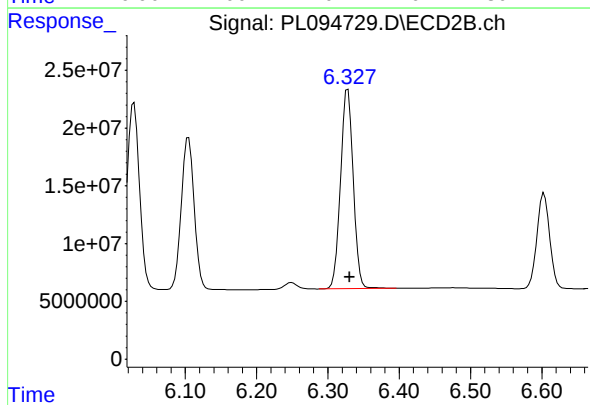
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 122297257
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

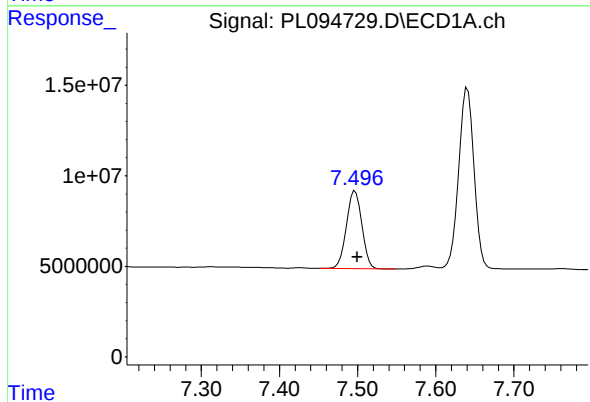
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



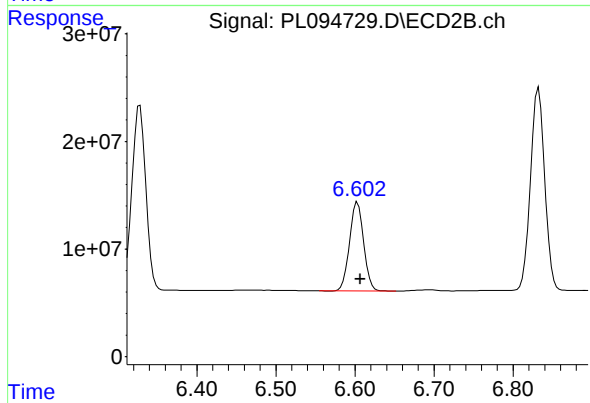
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 213573660
Conc: 52.43 ng/ml



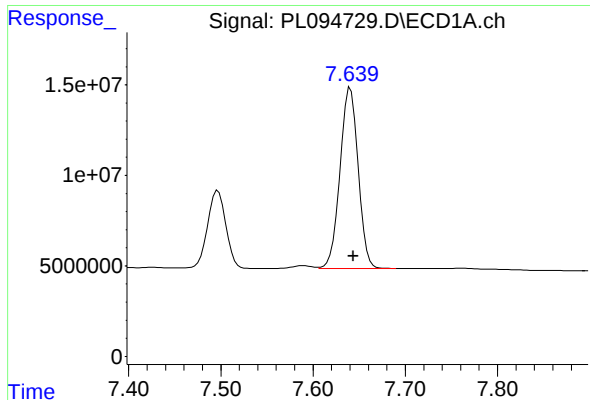
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 58753122
Conc: 49.08 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 102445242
Conc: 48.30 ng/ml



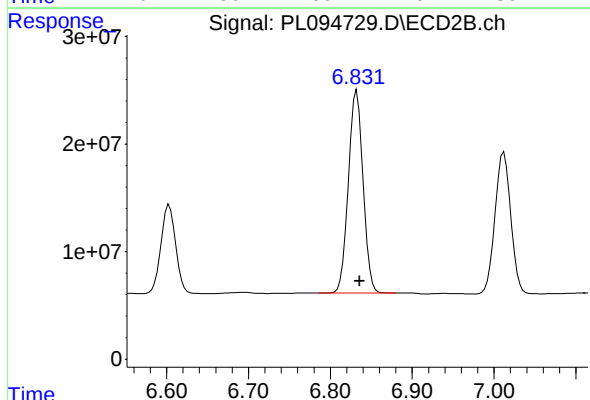
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 136170958
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

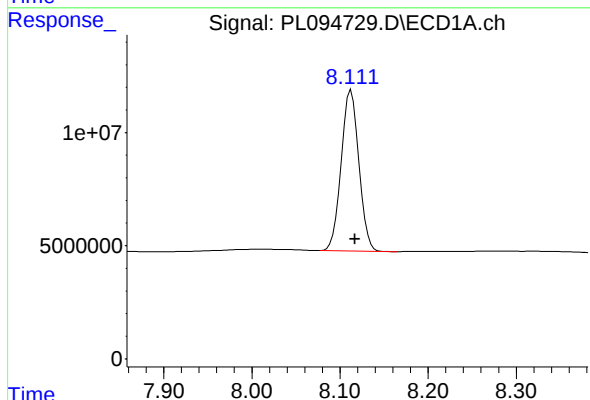
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



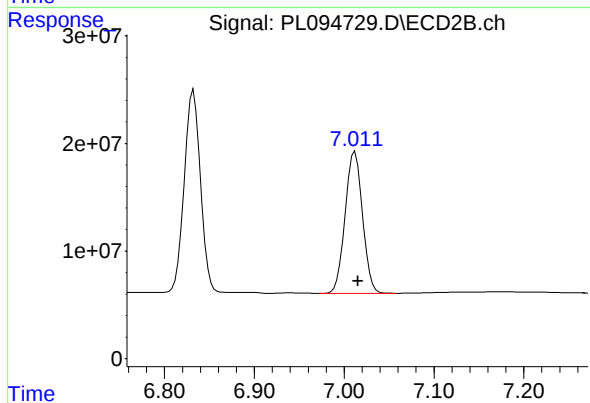
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 235726060
Conc: 49.39 ng/ml



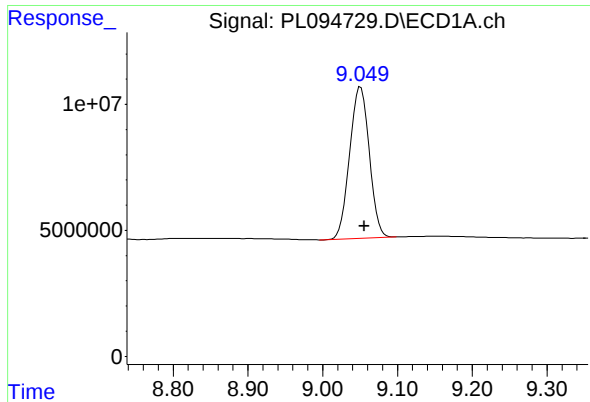
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 99260551
Conc: 48.04 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 177073589
Conc: 46.66 ng/ml



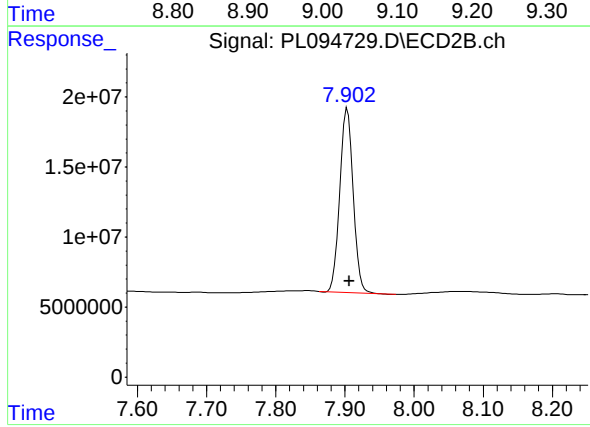
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 109469244
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 176837643
Conc: 43.78 ng/ml