

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
 Data File : PL094951.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2025 09:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/01/2025
 Supervised By : mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 02:11:17 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	145.1E6	197.7E6	51.243	55.376
28)	SA Decachlor...	9.053	7.902	111.0E6	213.2E6	52.677	52.783
Target Compounds							
2)	A alpha-BHC	3.992	3.271	213.2E6	304.3E6	51.345	56.434
3)	MA gamma-BHC...	4.325	3.601	205.1E6	287.1E6	51.402	55.871
4)	MA Heptachlor	4.913	3.938	192.1E6	280.7E6	49.501	53.285
5)	MB Aldrin	5.254	4.218	184.9E6	267.4E6	50.078	54.841
6)	B beta-BHC	4.524	3.902	92937589	123.9E6	50.367	55.761
7)	B delta-BHC	4.771	4.130	203.3E6	285.0E6	52.216	56.976
8)	B Heptachlo...	5.681	4.720	168.4E6	246.8E6	50.355	53.911
9)	A Endosulfan I	6.067	5.090	157.9E6	237.3E6	51.439	54.063
10)	B gamma-Chl...	5.938	4.971	171.5E6	262.1E6	50.888	54.277
11)	B alpha-Chl...	6.016	5.034	169.5E6	257.0E6	51.408	53.847
12)	B 4,4'-DDE	6.190	5.222	167.2E6	261.2E6	56.836	56.195
13)	MA Dieldrin	6.342	5.354	167.3E6	263.5E6	52.323	54.307
14)	MA Endrin	6.572	5.630	135.8E6	232.6E6	48.999	53.303
15)	B Endosulfa...	6.792	5.925	140.4E6	233.0E6	51.726	53.827
16)	A 4,4'-DDD	6.709	5.777	126.5E6	212.4E6	58.406	59.075
17)	MA 4,4'-DDT	7.022	6.028	129.7E6	229.7E6	54.514	56.978
18)	B Endrin al...	6.923	6.104	105.6E6	177.2E6	50.037	52.655
19)	B Endosulfa...	7.157	6.327	124.9E6	220.6E6	51.346	54.156
20)	A Methoxychlor	7.499	6.601	66298568	116.6E6	55.384	54.954m
21)	B Endrin ke...	7.643	6.831	138.8E6	261.3E6	52.523	54.755m
22)	Mirex	8.115	7.010	100.7E6	198.4E6	48.714	52.272m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
Data File : PL094951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2025 09:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

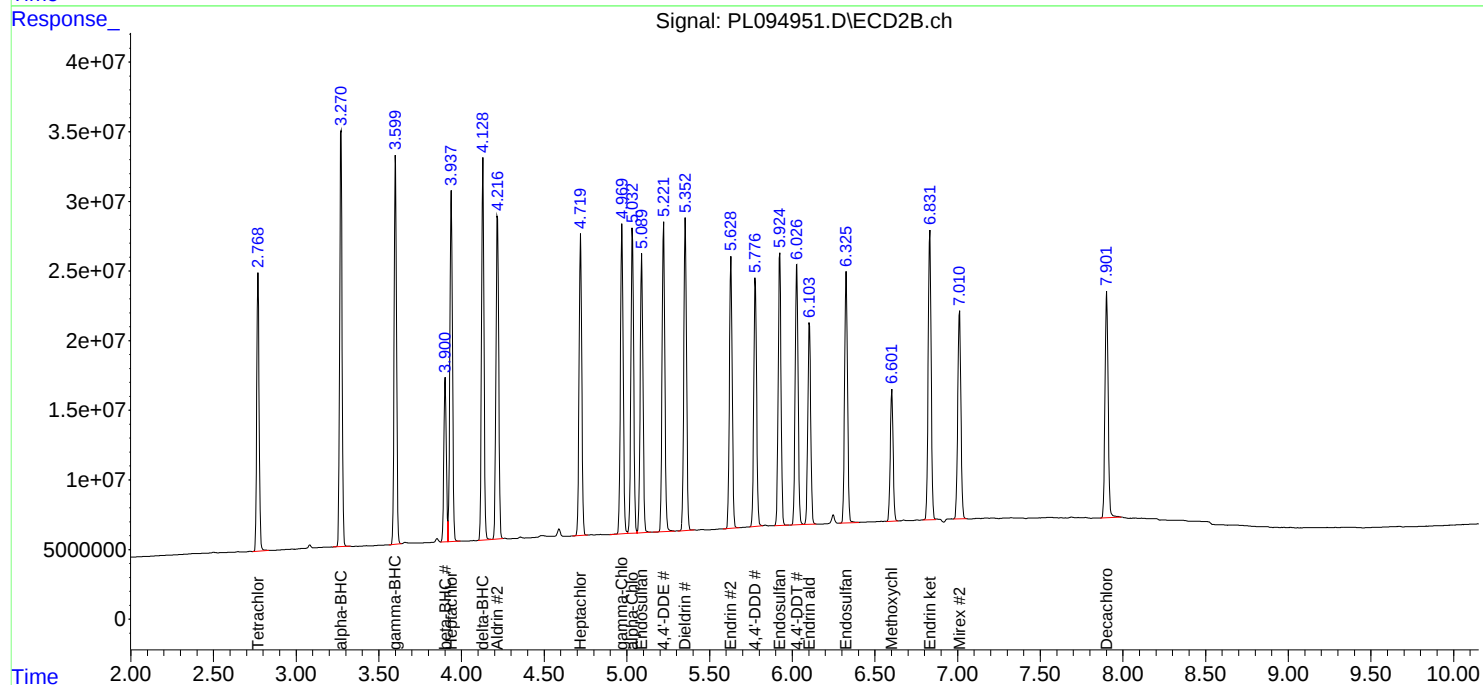
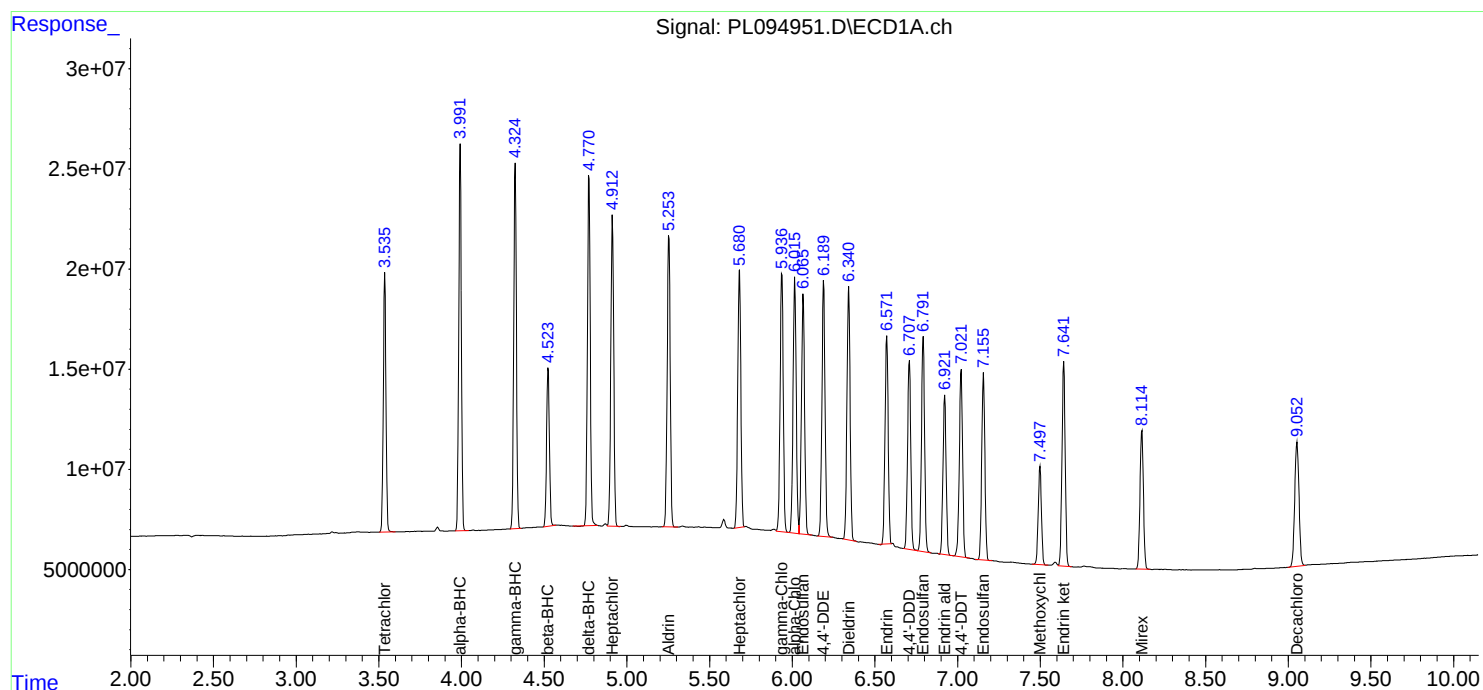
APPROVED

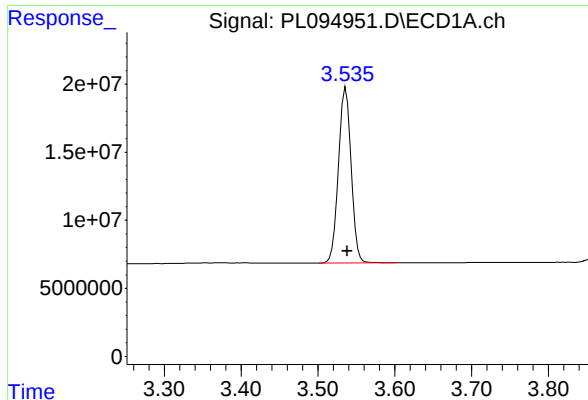
Reviewed By :Abdul Mirza 04/01/2025

Supervised By :mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 02:11:17 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





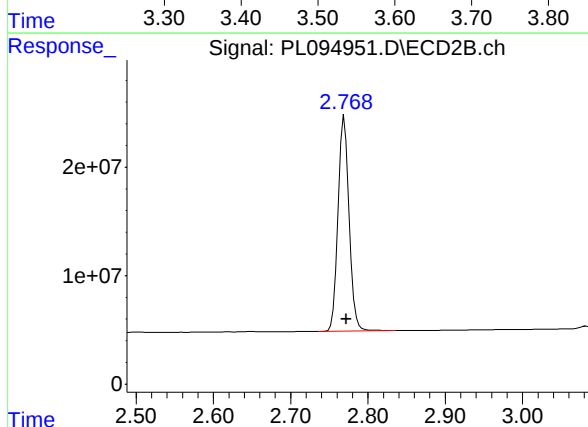
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 145051475
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

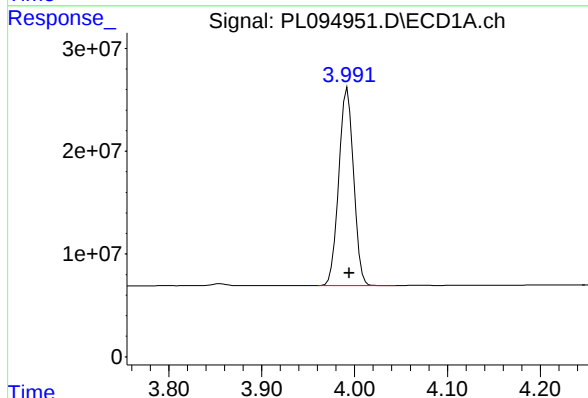
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



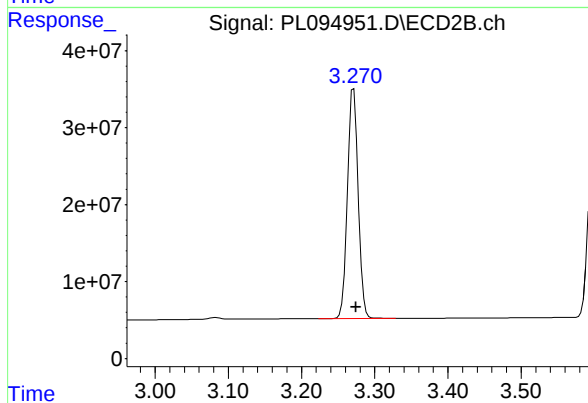
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 197650529
Conc: 55.38 ng/ml



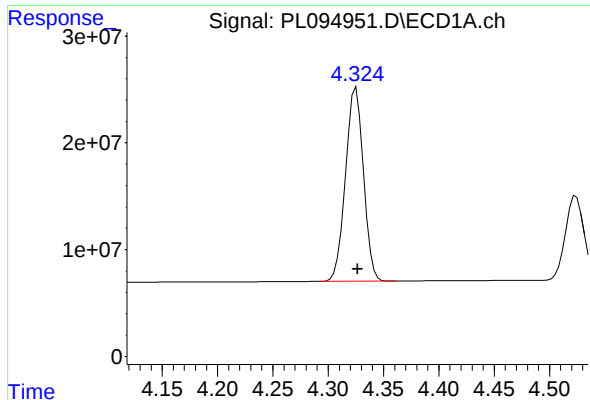
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 213203913
Conc: 51.35 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 304258387
Conc: 56.43 ng/ml



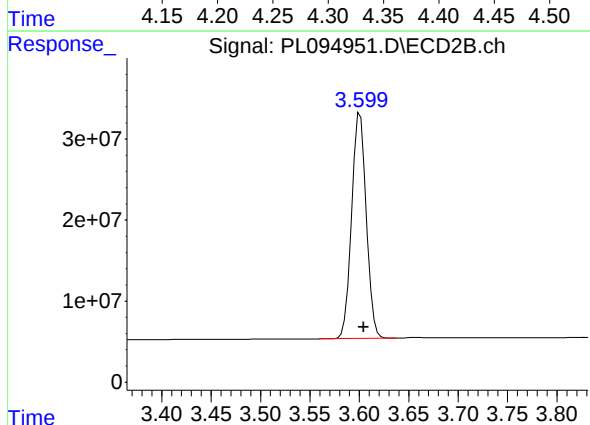
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 205109140
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

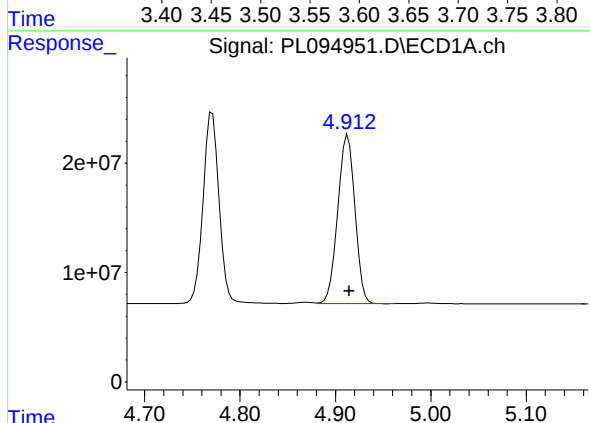
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



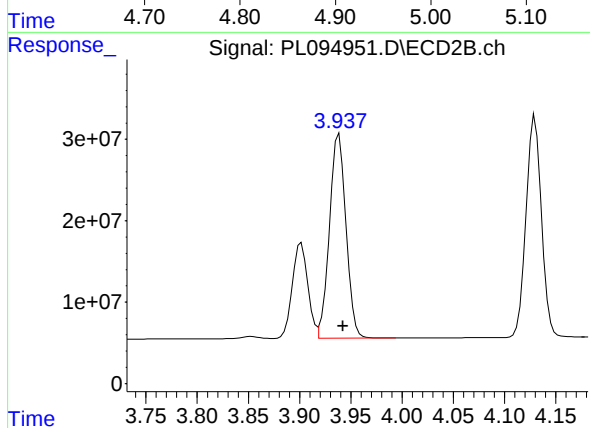
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 287145307
Conc: 55.87 ng/ml



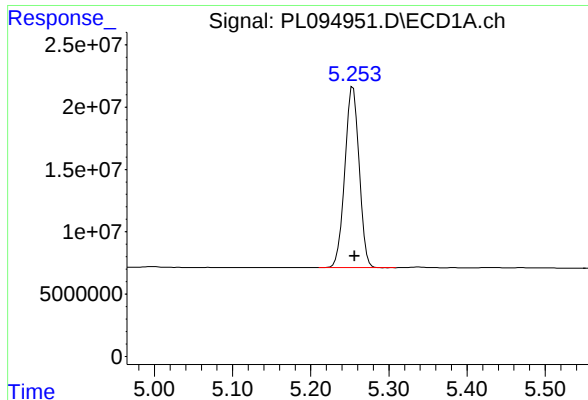
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 192144122
Conc: 49.50 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 280740128
Conc: 53.29 ng/ml



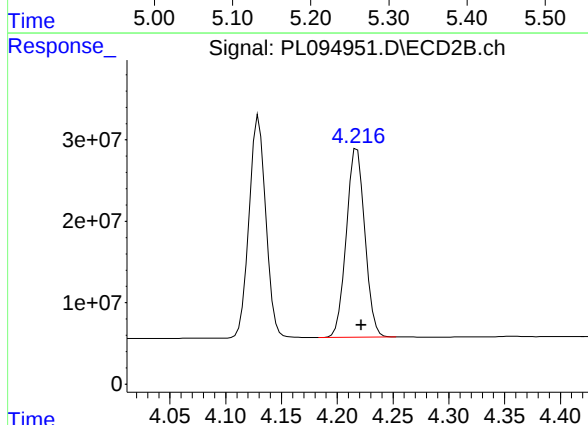
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 184900410
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

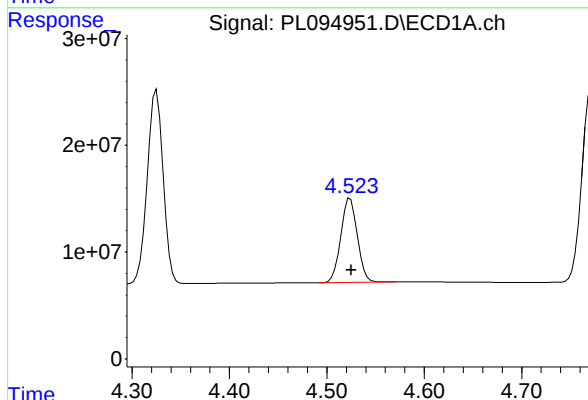
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



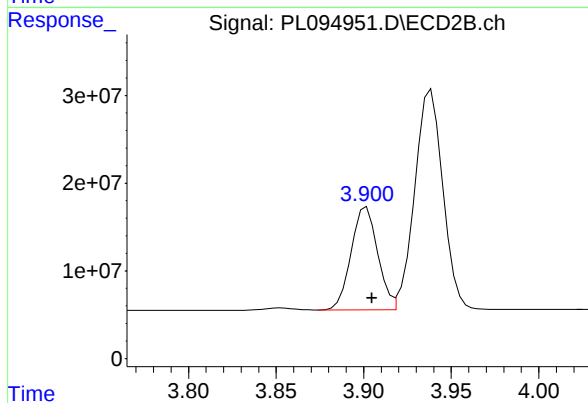
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 267421225
Conc: 54.84 ng/ml



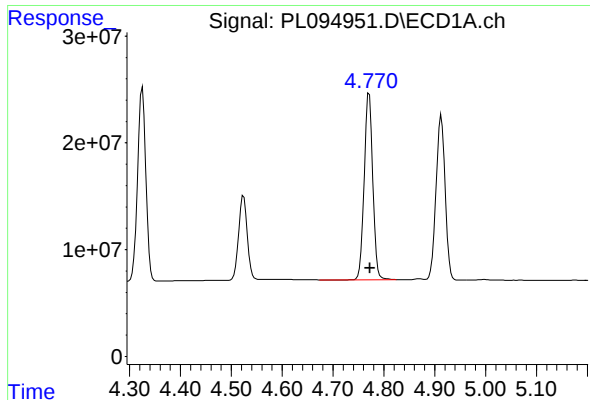
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 92937589
Conc: 50.37 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 123862077
Conc: 55.76 ng/ml



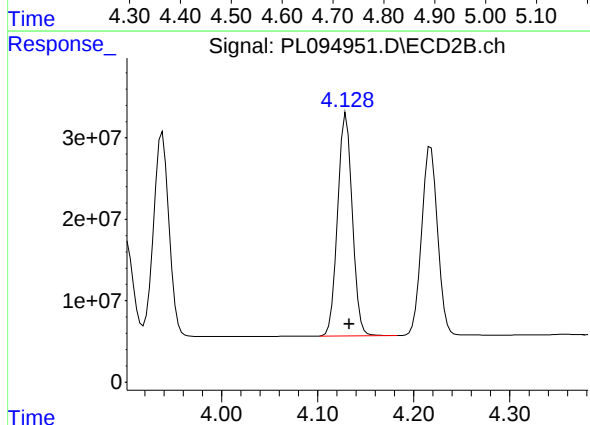
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 203344330
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

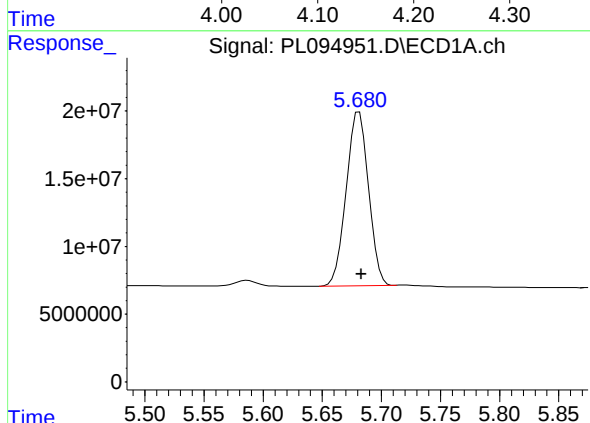
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



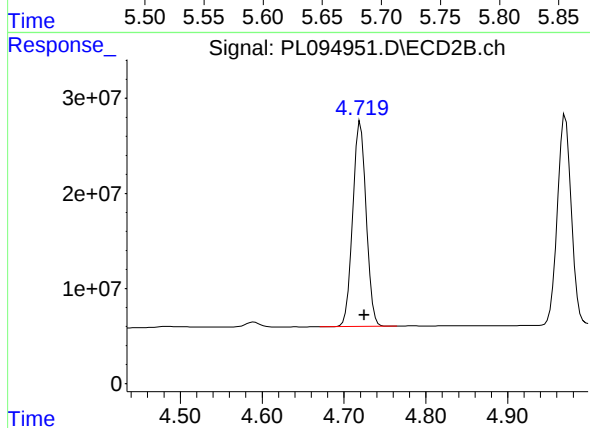
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 284991149
Conc: 56.98 ng/ml



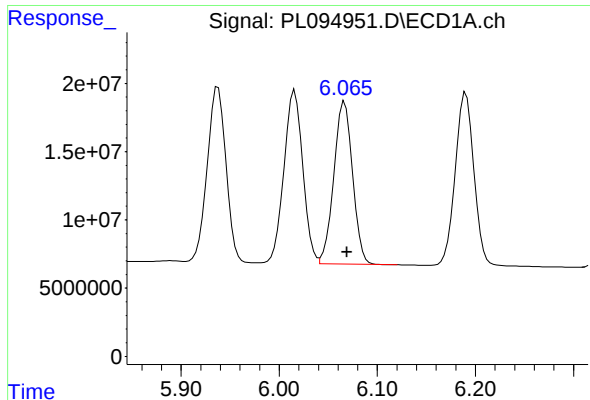
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 168448720
Conc: 50.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.004 min
Response: 246834342
Conc: 53.91 ng/ml



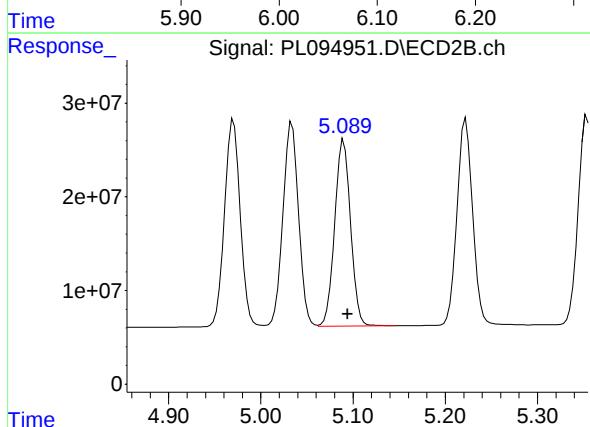
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 157929356
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

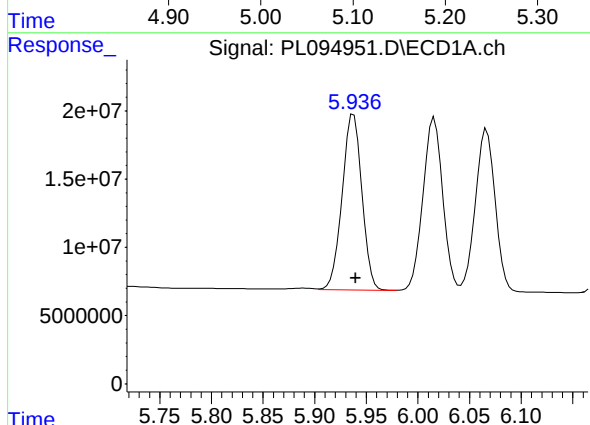
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



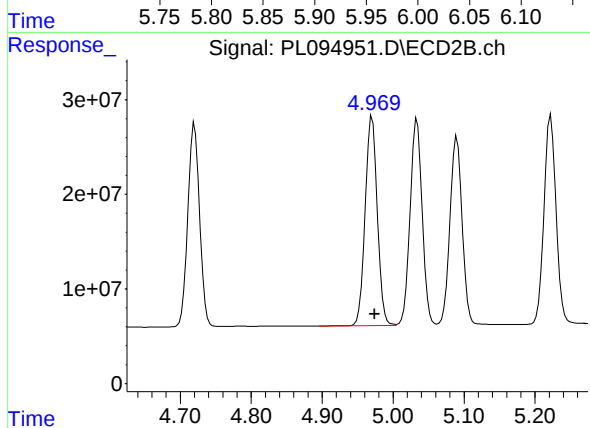
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 237266829
Conc: 54.06 ng/ml



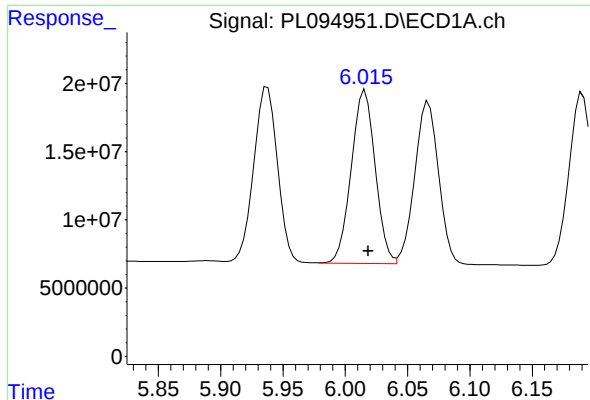
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 171462041
Conc: 50.89 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 262072011
Conc: 54.28 ng/ml



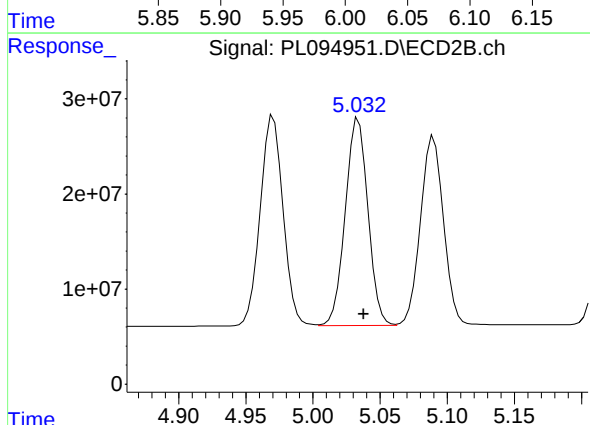
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 169482394
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

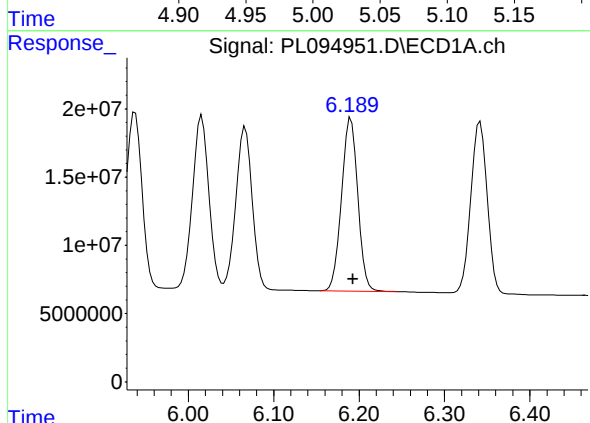
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



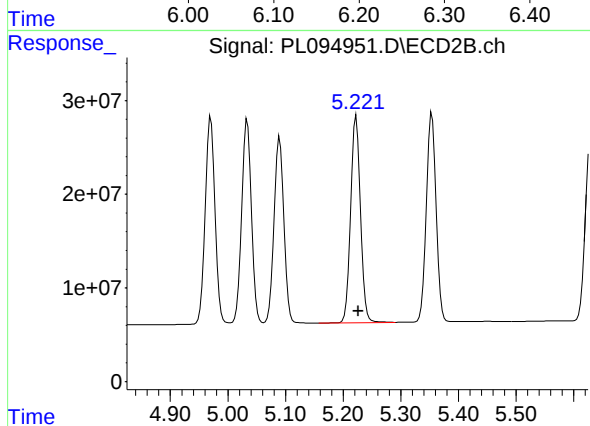
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 257001387
Conc: 53.85 ng/ml



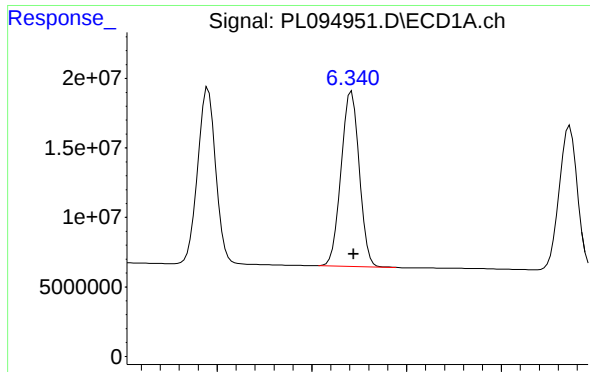
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 167215782
Conc: 56.84 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 261224848
Conc: 56.20 ng/ml



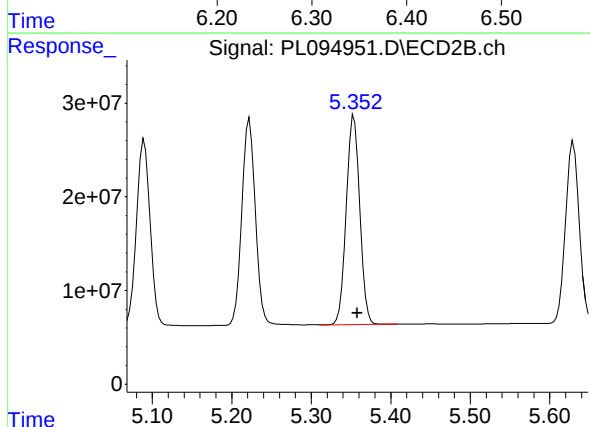
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 167336511
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

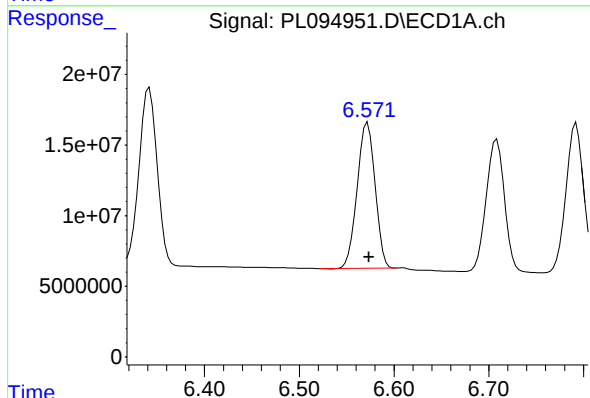
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



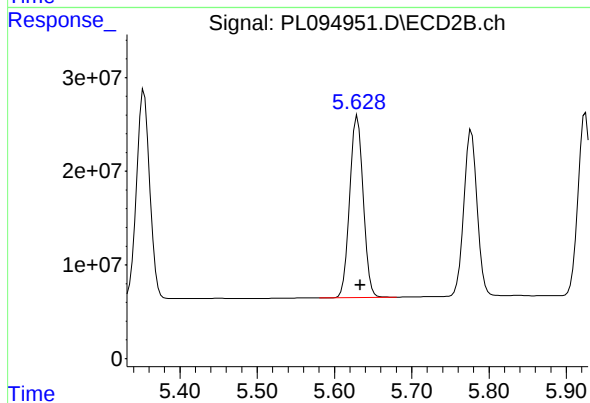
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.005 min
Response: 263488024
Conc: 54.31 ng/ml



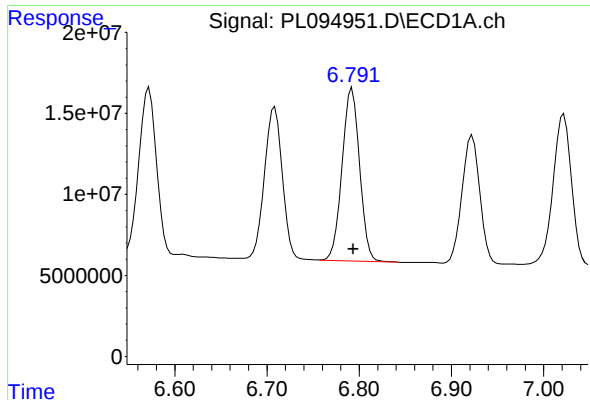
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 135829945
Conc: 49.00 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 232593700
Conc: 53.30 ng/ml



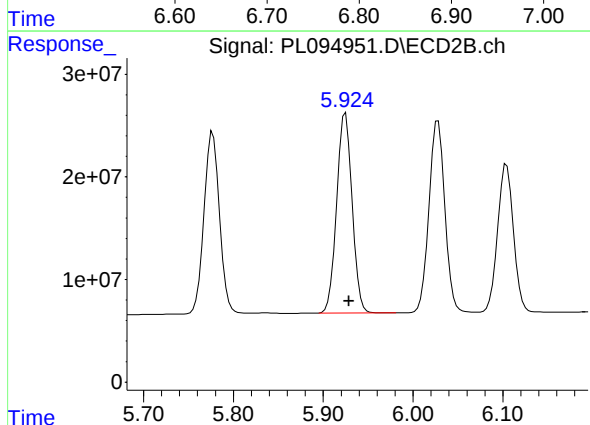
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.001 min
Response: 140422739
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

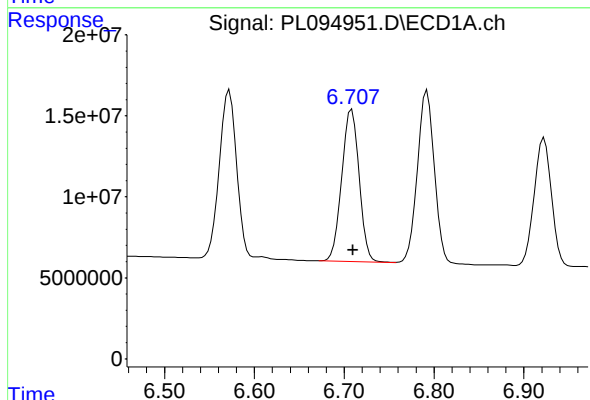
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



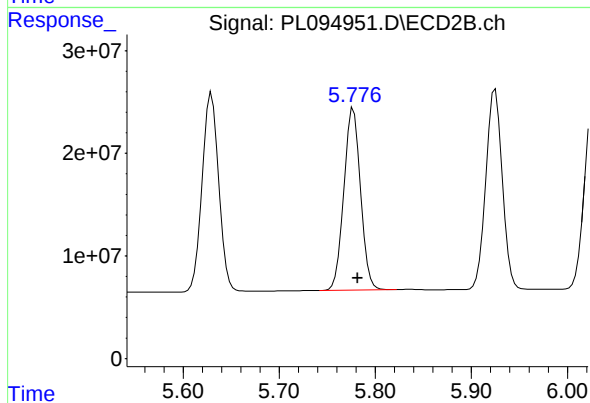
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.004 min
Response: 232977598
Conc: 53.83 ng/ml



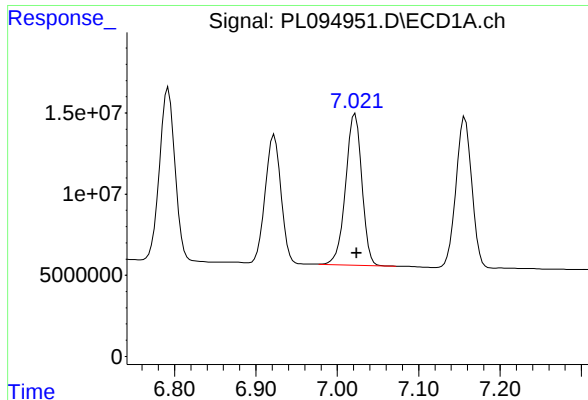
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 126511855
Conc: 58.41 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 212426113
Conc: 59.07 ng/ml



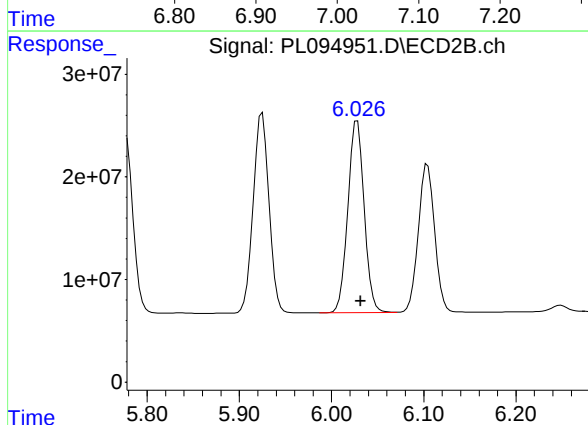
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 129664602
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

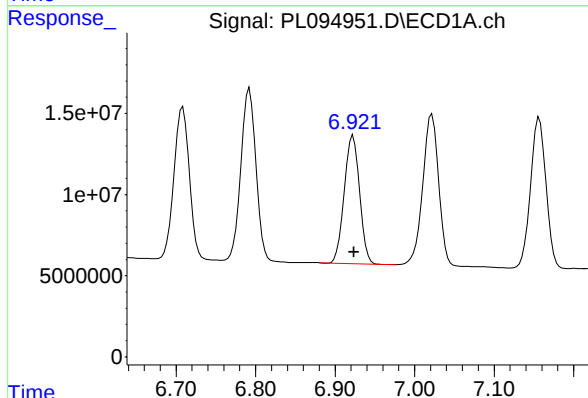
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



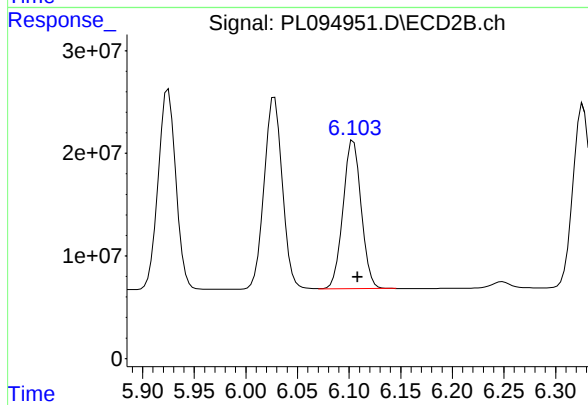
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 229742145
Conc: 56.98 ng/ml



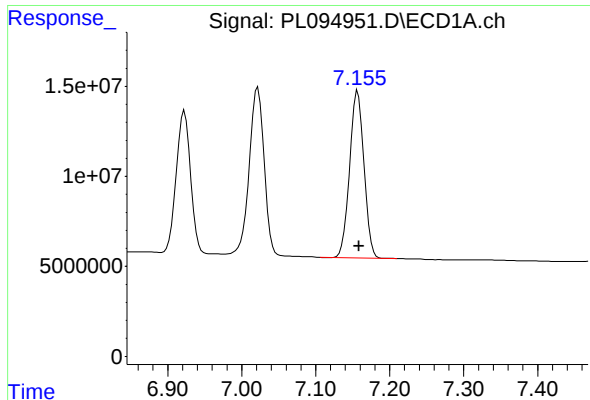
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.001 min
Response: 105627218
Conc: 50.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 177203495
Conc: 52.66 ng/ml



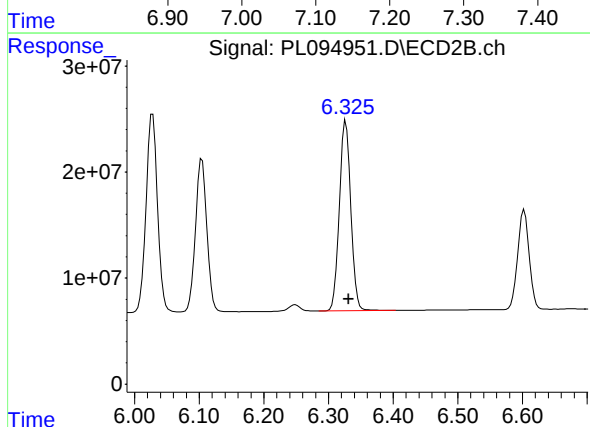
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 124874331
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

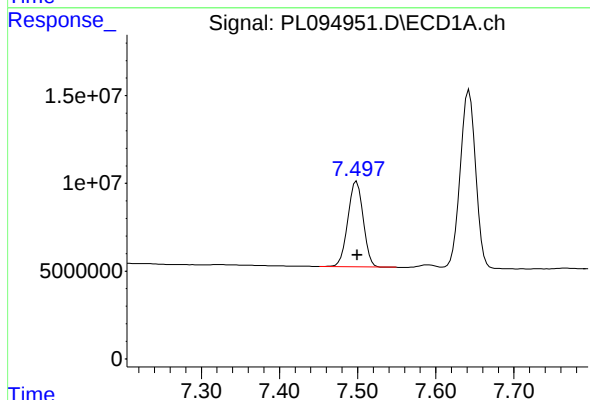
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



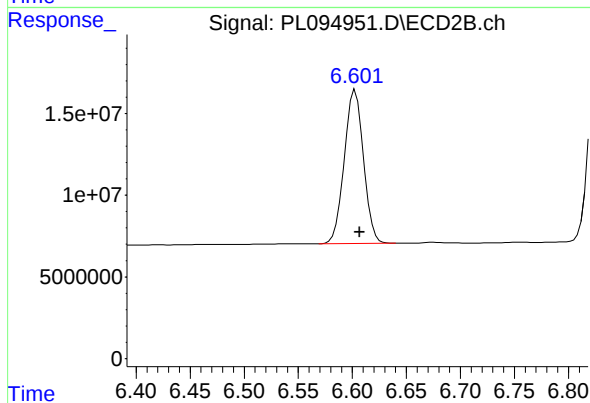
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 220602405
Conc: 54.16 ng/ml



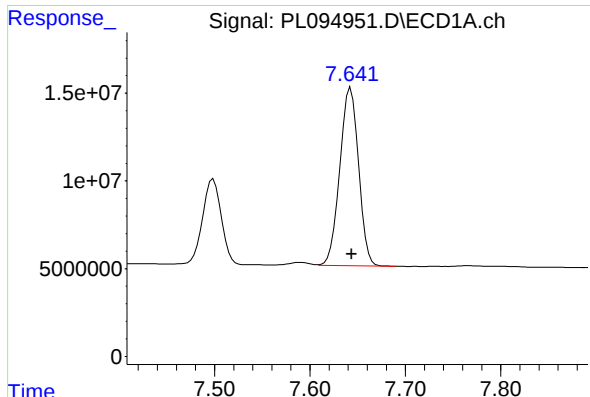
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.001 min
Response: 66298568
Conc: 55.38 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.005 min
Response: 116562059
Conc: 54.95 ng/ml m



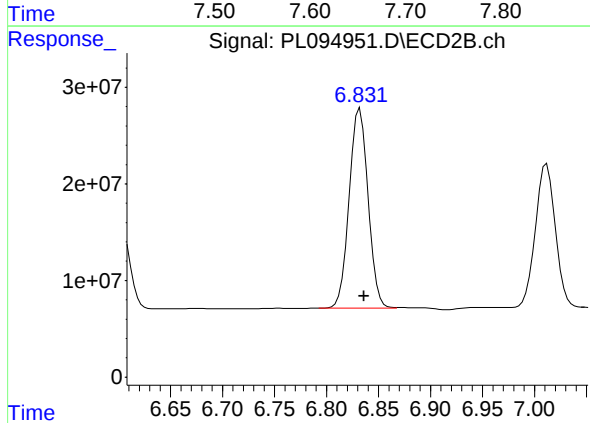
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 138832535
Conc: 52.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

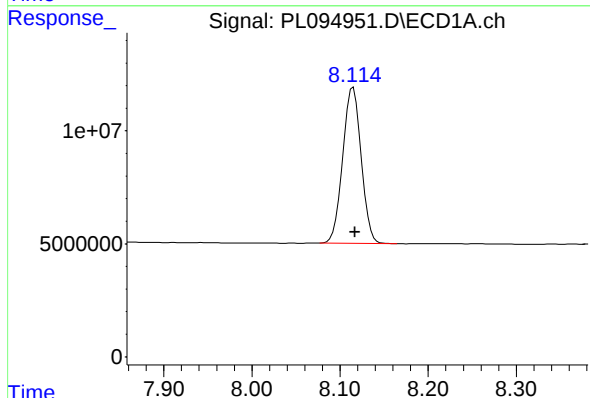
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



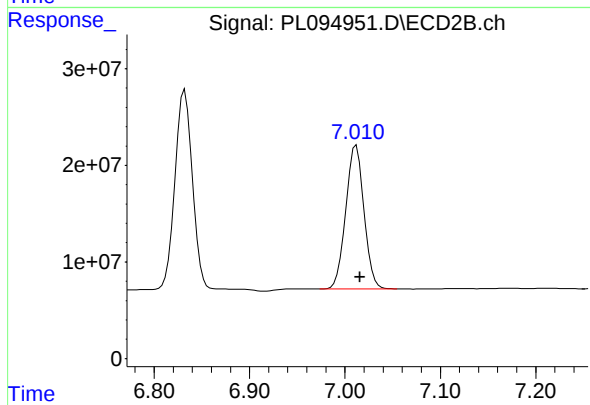
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 261324756
Conc: 54.76 ng/ml m



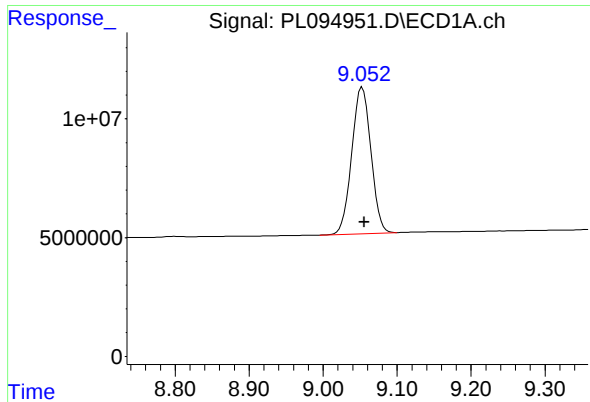
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 100656190
Conc: 48.71 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.005 min
Response: 198389361
Conc: 52.27 ng/ml m



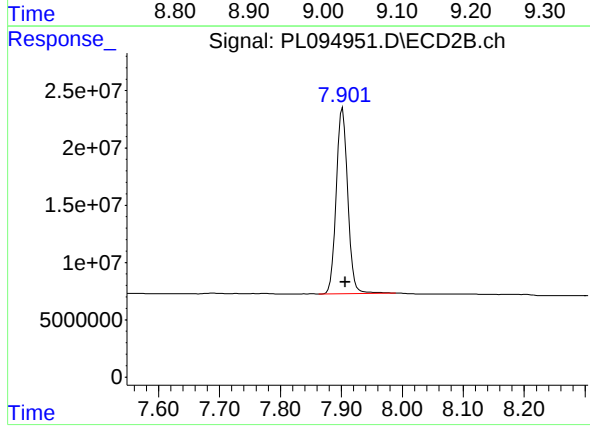
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 111013982
Conc: 52.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 213209455
Conc: 52.78 ng/ml