

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060525\
 Data File : PL095945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 14:03
 Operator : AR\AJ
 Sample : PB168299BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168299BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/06/2025
 Supervised By : mohammad ahmed 06/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 00:50:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.572	2.884	64440826	79575661	20.423	20.331
28)	SA Decachlor...	9.098	8.059	43585342	79031234	18.497	18.067
Target Compounds							
2)	A alpha-BHC	4.024	3.394	242.3E6	303.8E6	49.984	51.870
3)	MA gamma-BHC...	4.355	3.727	222.3E6	287.1E6	49.702	51.261
4)	MA Heptachlor	4.953	4.080	182.4E6	273.4E6	48.193	48.748
5)	MB Aldrin	5.295	4.365	213.5E6	276.2E6	49.912	52.051
6)	B beta-BHC	4.543	4.023	96509670	122.8E6	48.956	49.577
7)	B delta-BHC	4.791	4.258	216.7E6	287.7E6	48.885	50.936
8)	B Heptachlo...	5.717	4.866	189.6E6	253.5E6	49.676	51.340
9)	A Endosulfan I	6.099	5.239	176.6E6	238.0E6	48.187	49.942
10)	B gamma-Chl...	5.970	5.119	188.5E6	269.7E6	48.425m	51.346
11)	B alpha-Chl...	6.052	5.183	190.0E6	264.6E6	48.125	50.861
12)	B 4,4'-DDE	6.222	5.370	171.2E6	266.3E6	46.682	49.667
13)	MA Dieldrin	6.373	5.504	186.5E6	268.0E6	48.329	50.560
14)	MA Endrin	6.601	5.777	132.8E6	216.0E6	41.154	44.299m
15)	B Endosulfa...	6.814	6.069	150.0E6	231.9E6	43.540	48.810
16)	A 4,4'-DDD	6.733	5.922	146.5E6	233.8E6	49.993	53.311
17)	MA 4,4'-DDT	7.048	6.176	108.3E6	189.7E6	40.025	39.672
18)	B Endrin al...	6.942	6.247	112.8E6	169.2E6	46.644	48.994
19)	B Endosulfa...	7.176	6.470	137.6E6	213.4E6	46.076	47.478
20)	A Methoxychlor	7.520	6.746	50553467	97184808	39.640	37.149
21)	B Endrin ke...	7.657	6.975	154.3E6	256.0E6	48.724	49.476
22)	Mirex	8.138	7.169	105.3E6	181.0E6	45.489	44.577

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060525\
Data File : PL095945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 14:03
Operator : AR\AJ
Sample : PB168299BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB168299BS

Manual Integrations

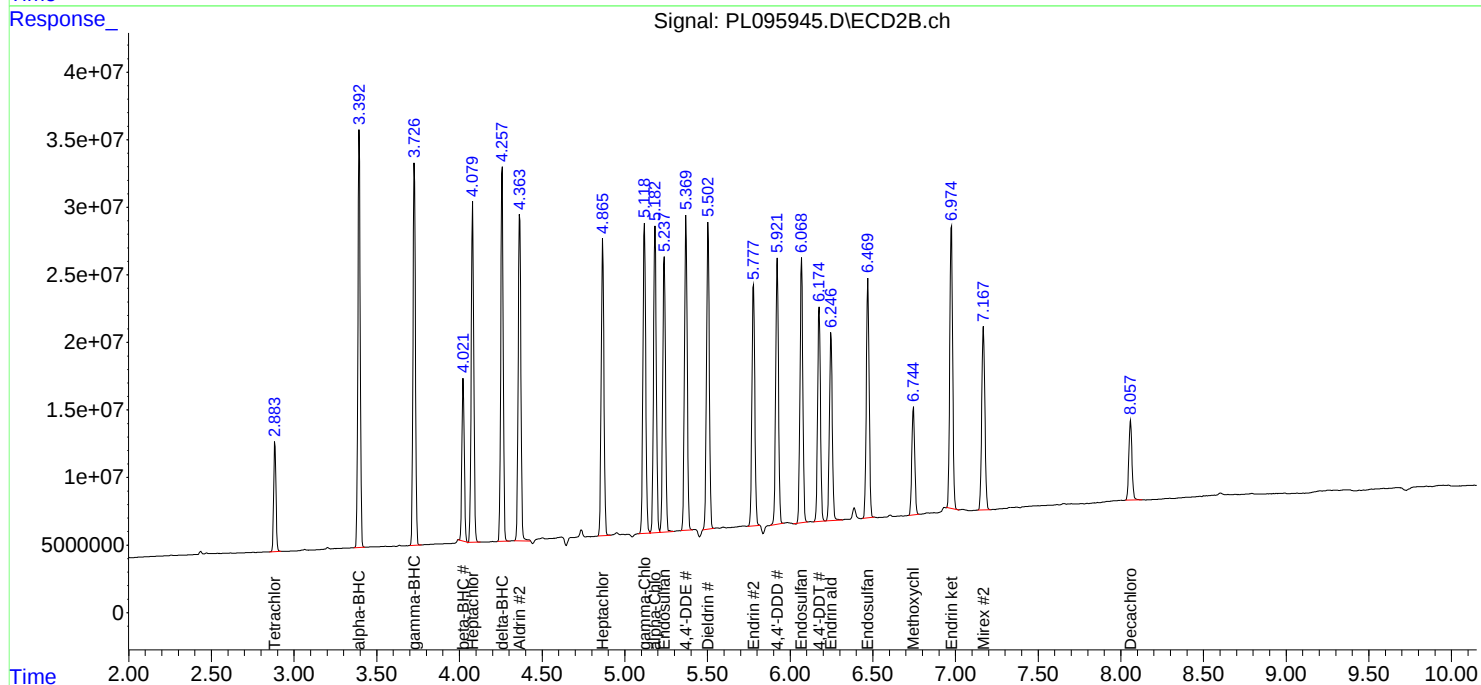
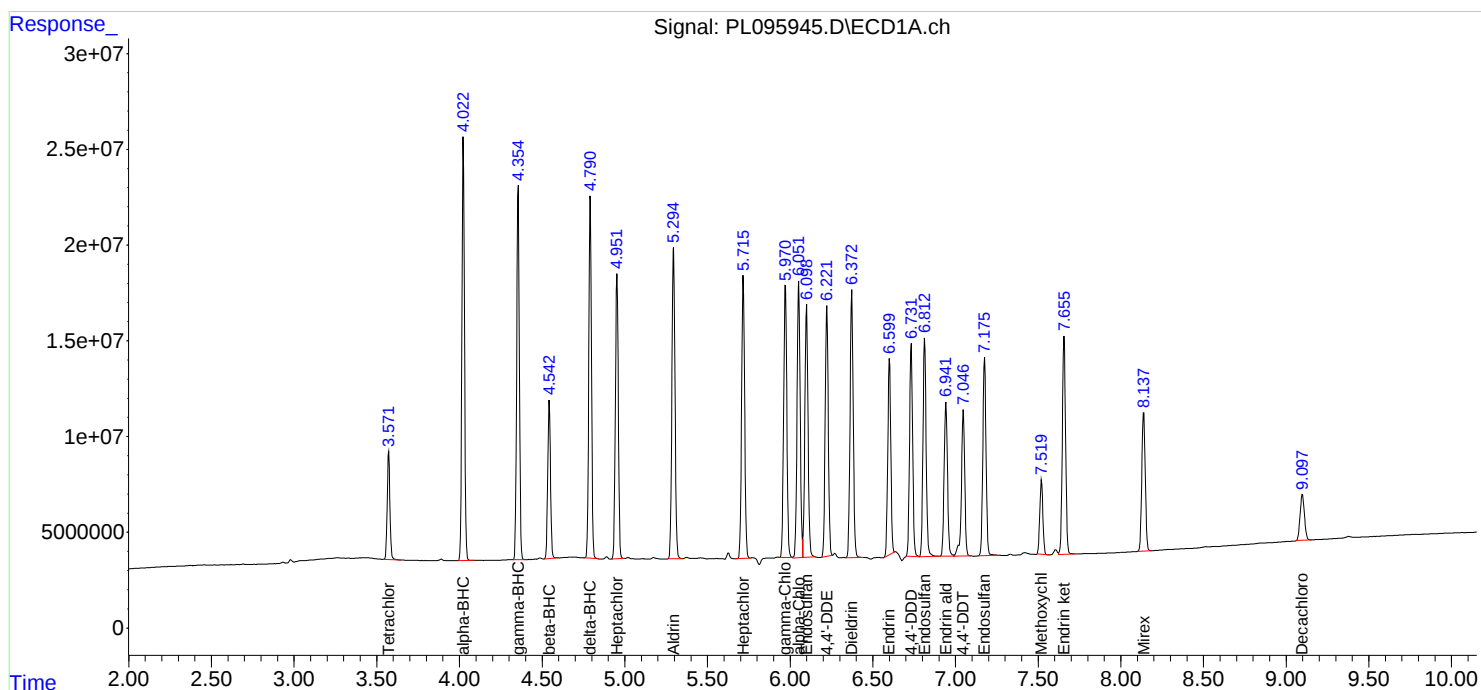
APPROVED

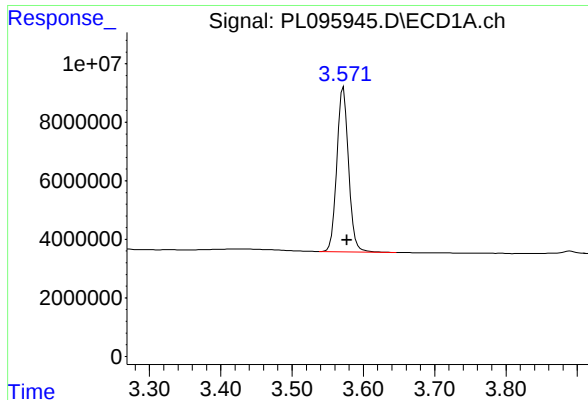
Reviewed By :Abdul Mirza 06/06/2025

Supervised By :mohammad ahmed 06/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 00:50:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





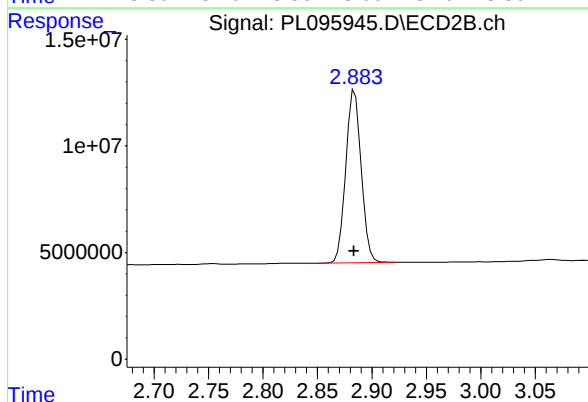
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 64440826
Conc: 20.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

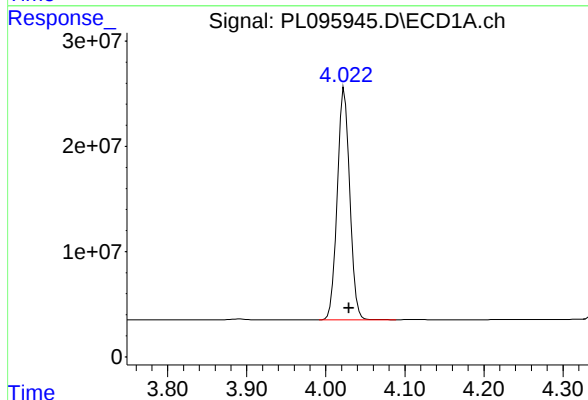
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Supervised By :mohammad ahmed 06/09/2025



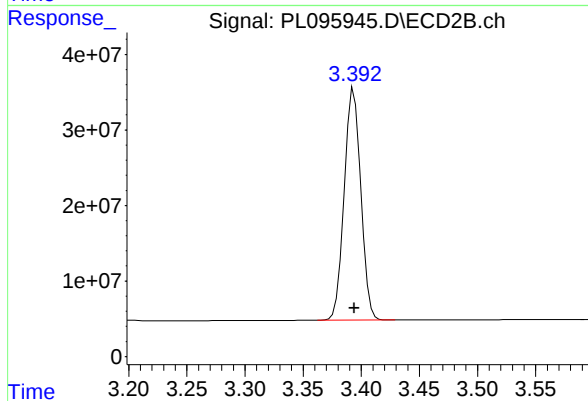
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 79575661
Conc: 20.33 ng/ml



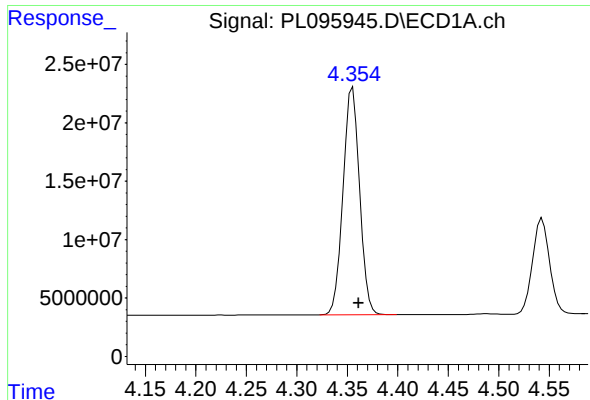
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 242318889
Conc: 49.98 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 303819318
Conc: 51.87 ng/ml



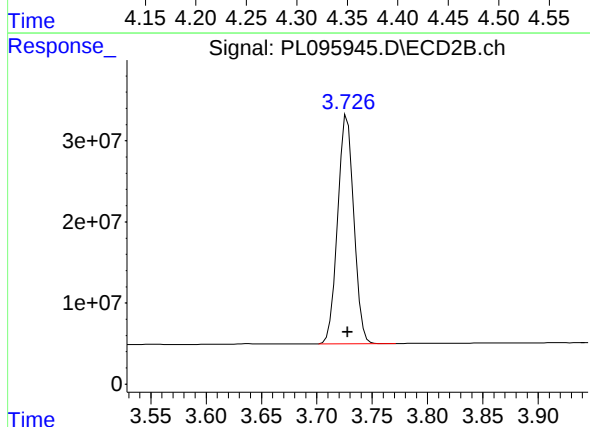
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 222257869
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

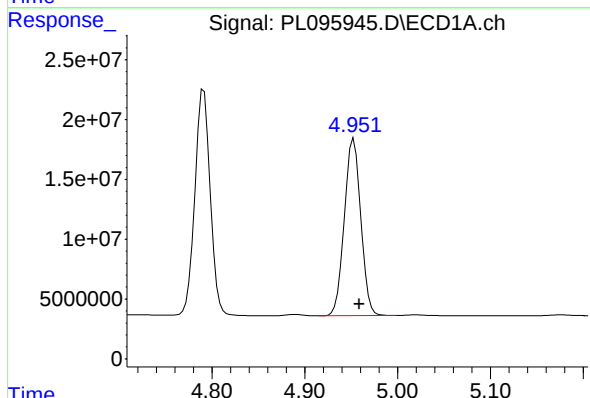
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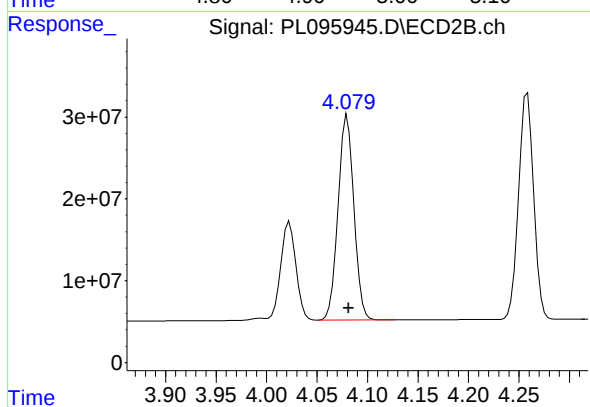
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 287126302
Conc: 51.26 ng/ml



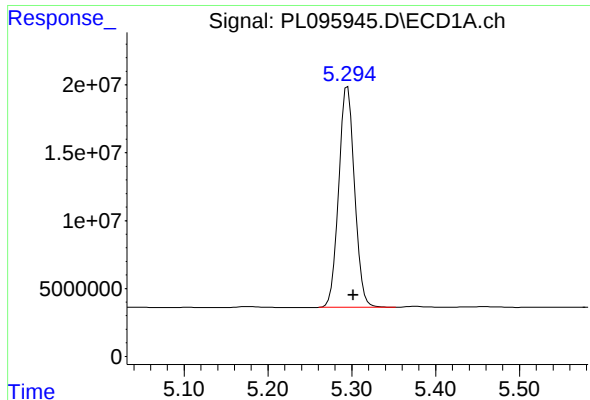
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 182413870
Conc: 48.19 ng/ml



#4 Heptachlor

R.T.: 4.080 min
Delta R.T.: -0.001 min
Response: 273431314
Conc: 48.75 ng/ml



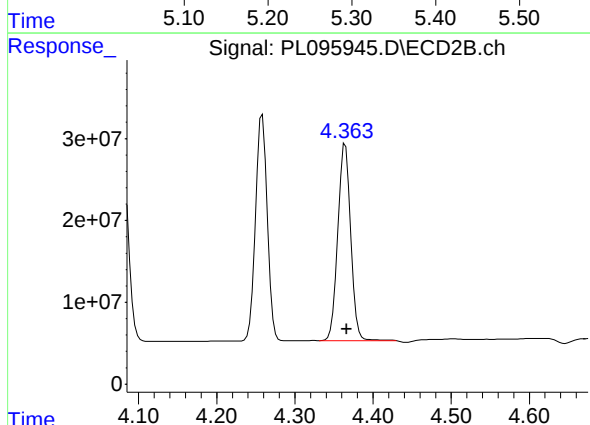
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 213512047
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

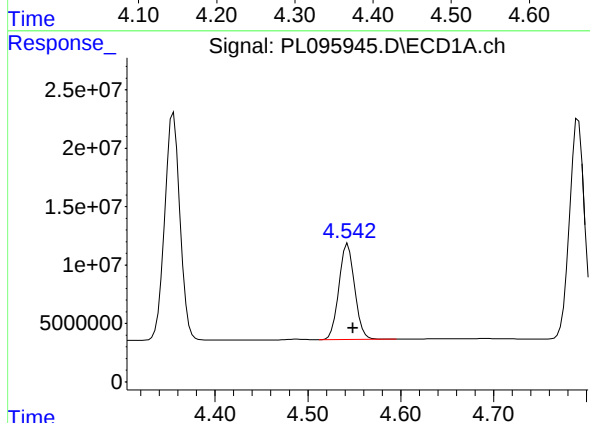
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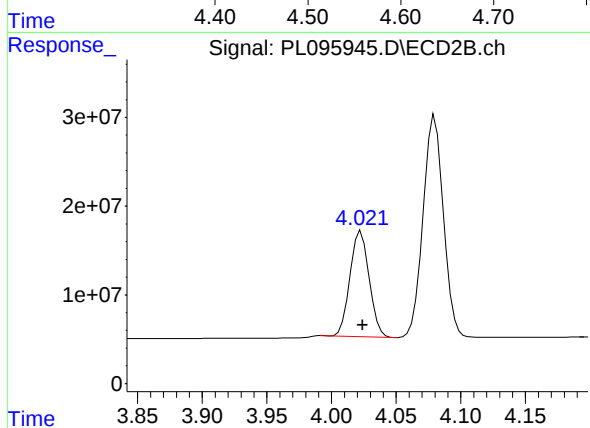
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.002 min
Response: 276238302
Conc: 52.05 ng/ml



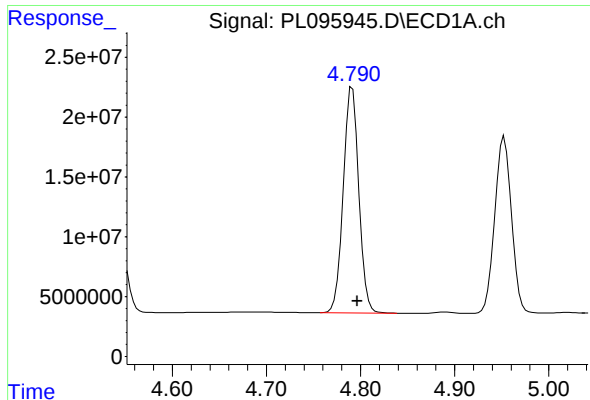
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 96509670
Conc: 48.96 ng/ml



#6 beta-BHC

R.T.: 4.023 min
Delta R.T.: -0.001 min
Response: 122828517
Conc: 49.58 ng/ml



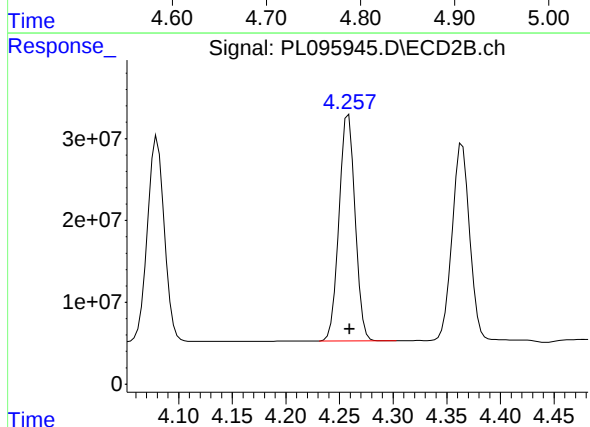
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.005 min
Response: 216737090
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

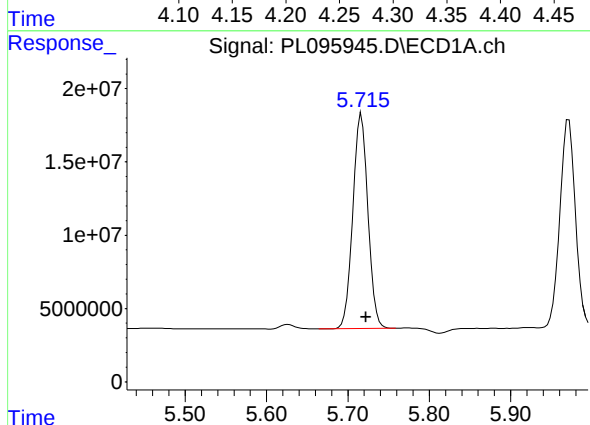
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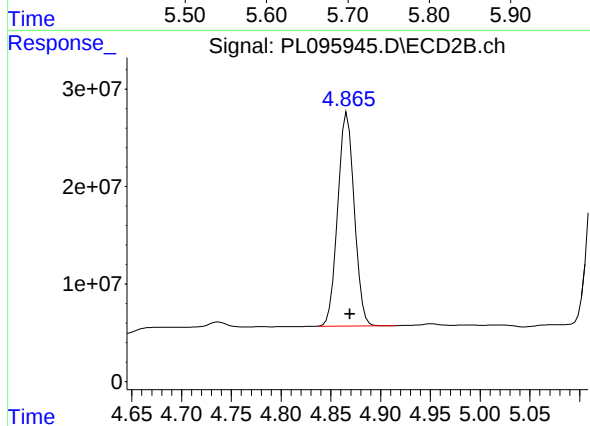
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.001 min
Response: 287656170
Conc: 50.94 ng/ml



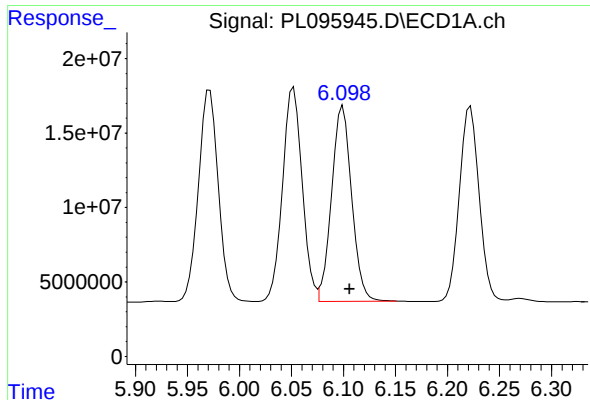
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.006 min
Response: 189607933
Conc: 49.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: -0.003 min
Response: 253486091
Conc: 51.34 ng/ml



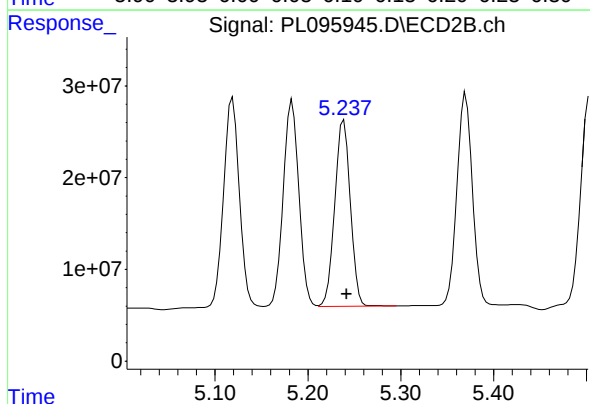
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 176598133
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

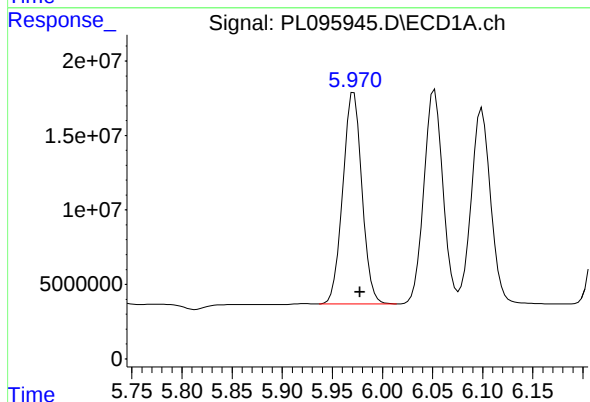
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Reviewed By :Abdul Mirza 06/06/2025
Supervised By :mohammad ahmed 06/09/2025



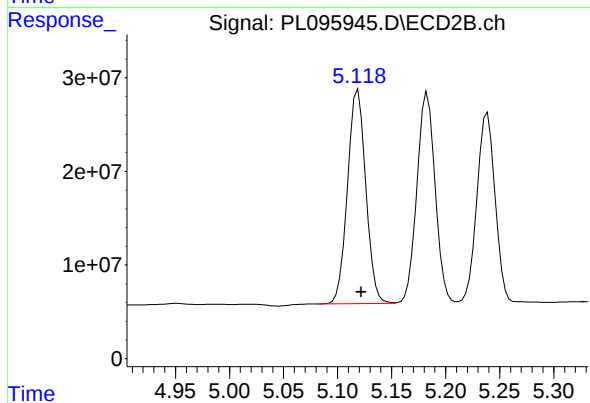
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 237971488
Conc: 49.94 ng/ml



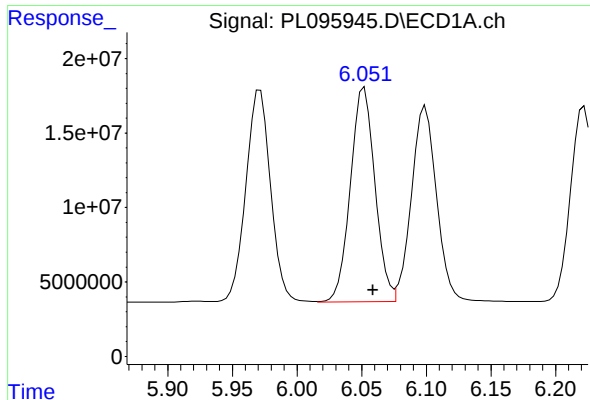
#10 gamma-Chlordane

R.T.: 5.970 min
Delta R.T.: -0.007 min
Response: 188474625
Conc: 48.43 ng/ml m



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 269702219
Conc: 51.35 ng/ml



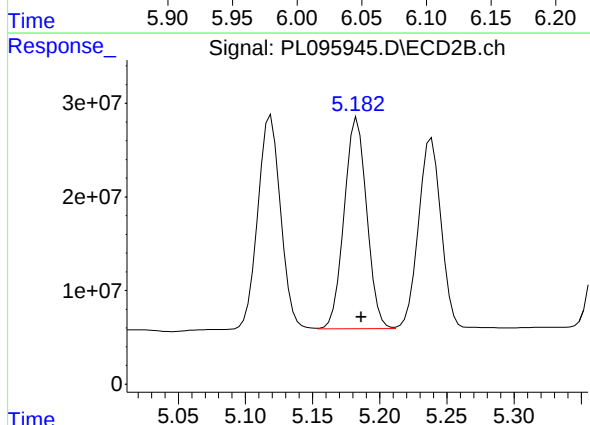
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 190007289
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

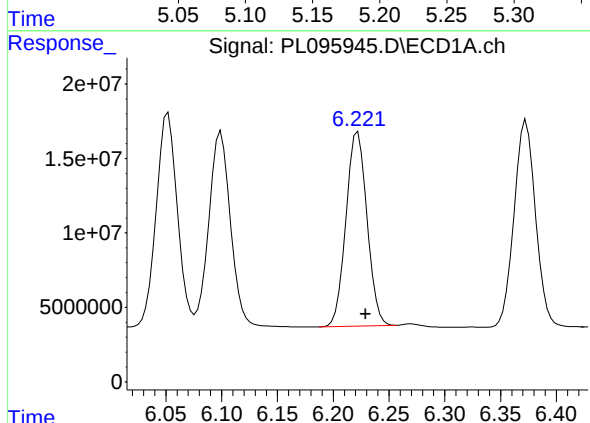
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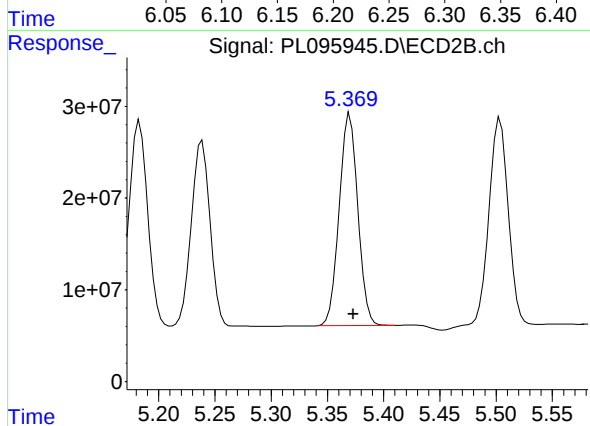
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 264615916
Conc: 50.86 ng/ml



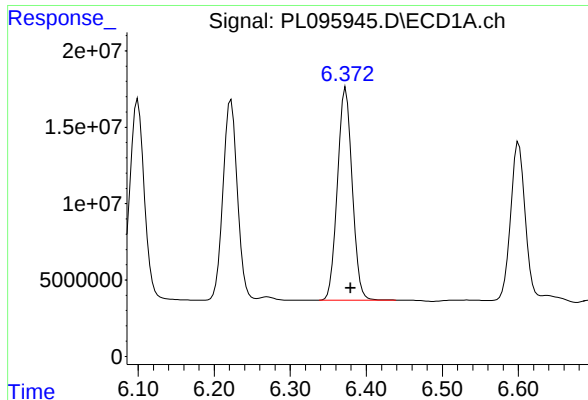
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 171223360
Conc: 46.68 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 266321859
Conc: 49.67 ng/ml



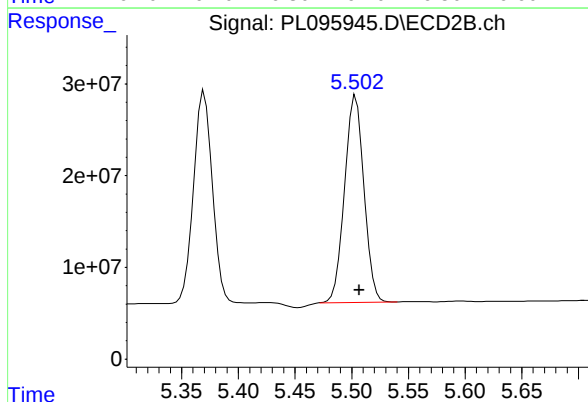
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.006 min
Response: 186509742
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

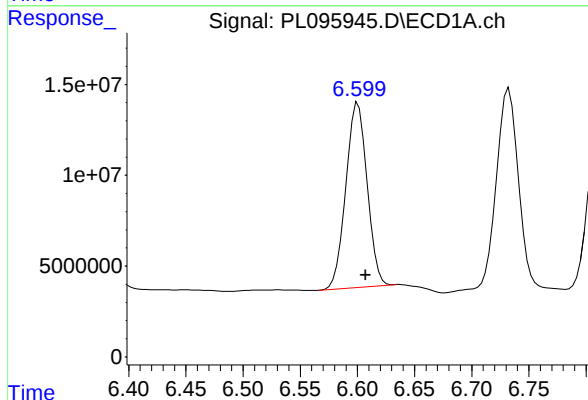
Manual Integrations
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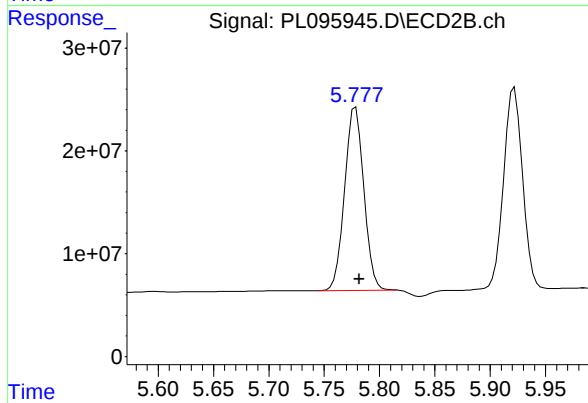
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 267973468
Conc: 50.56 ng/ml



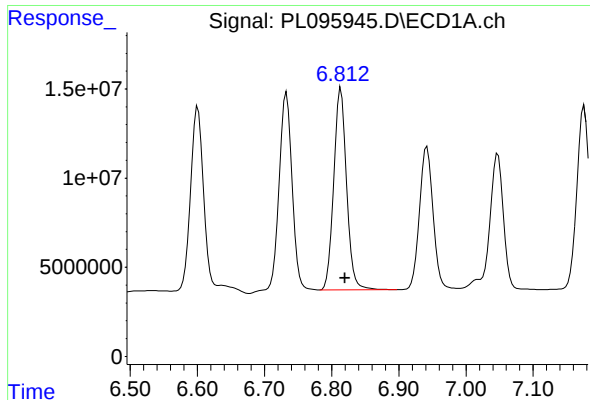
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 132794617
Conc: 41.15 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 216005415
Conc: 44.30 ng/ml m



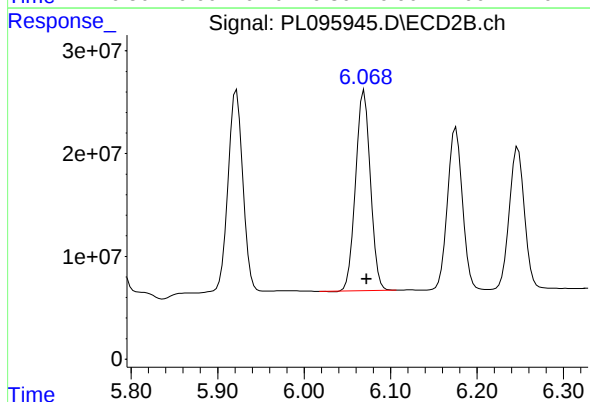
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 150042230
Conc: 43.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

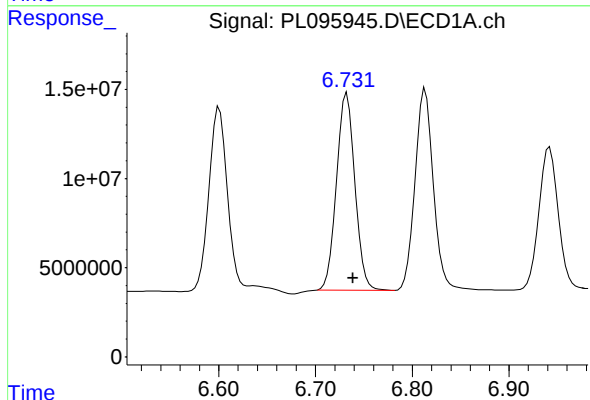
Manual Integrations
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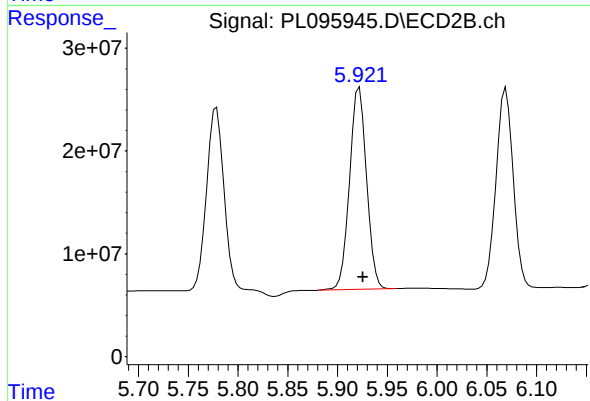
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 231936203
Conc: 48.81 ng/ml



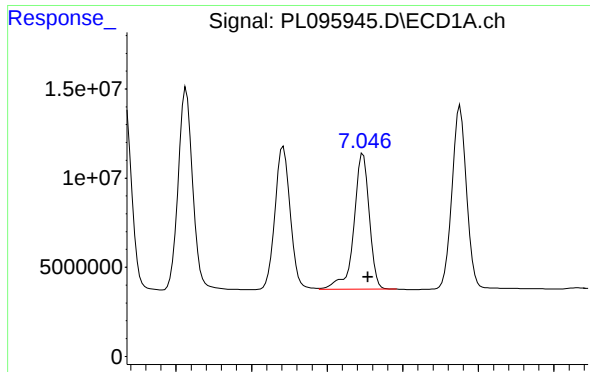
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 146510893
Conc: 49.99 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.004 min
Response: 233766235
Conc: 53.31 ng/ml



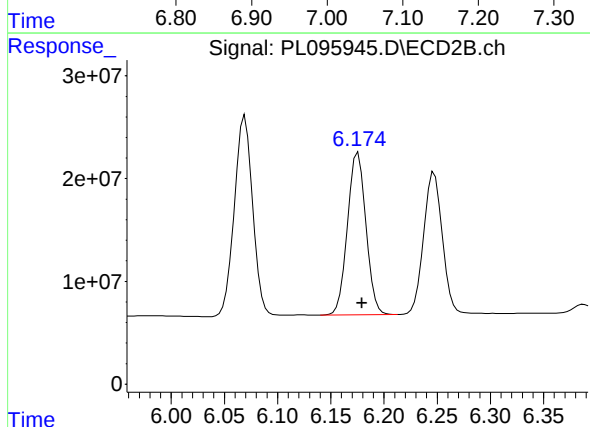
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 108274179
Conc: 40.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

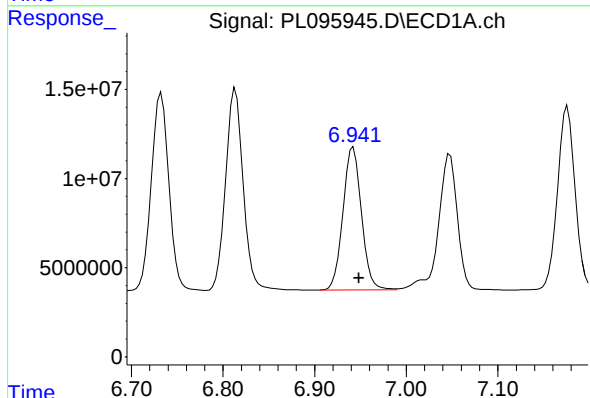
Manual Integrations
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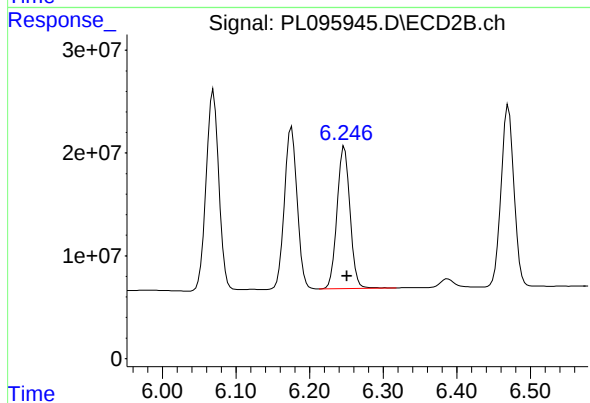
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.004 min
Response: 189735127
Conc: 39.67 ng/ml



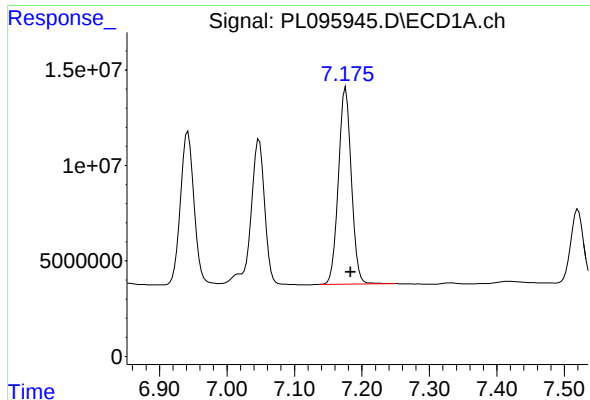
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.007 min
Response: 112768186
Conc: 46.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 169240139
Conc: 48.99 ng/ml



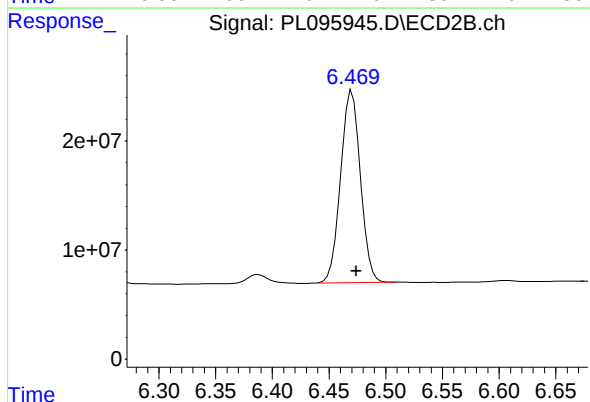
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.007 min
Response: 137626458
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

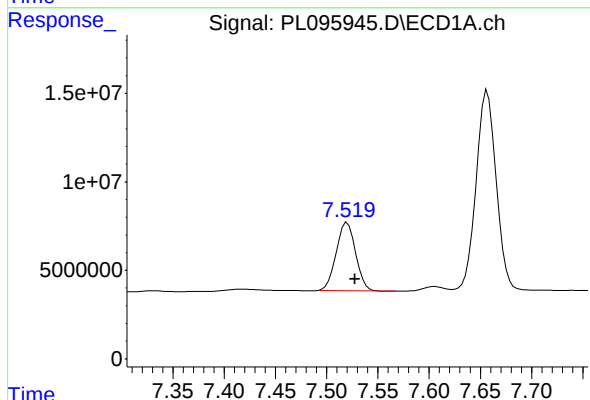
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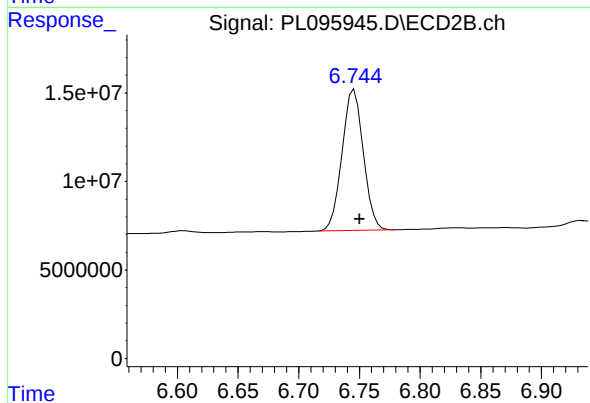
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 213403736
Conc: 47.48 ng/ml



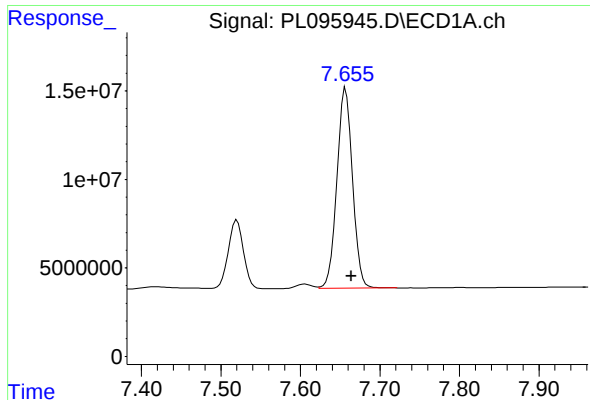
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.007 min
Response: 50553467
Conc: 39.64 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 97184808
Conc: 37.15 ng/ml



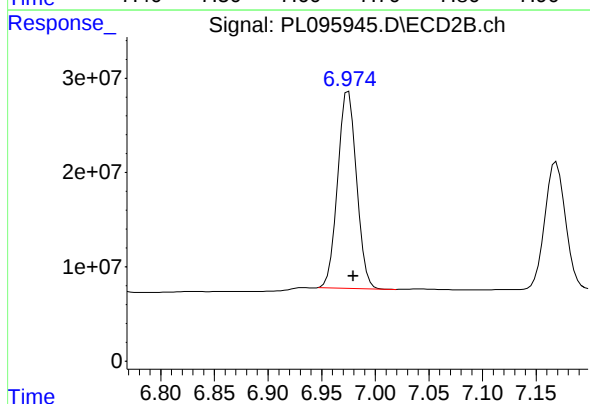
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.007 min
Response: 154303752
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

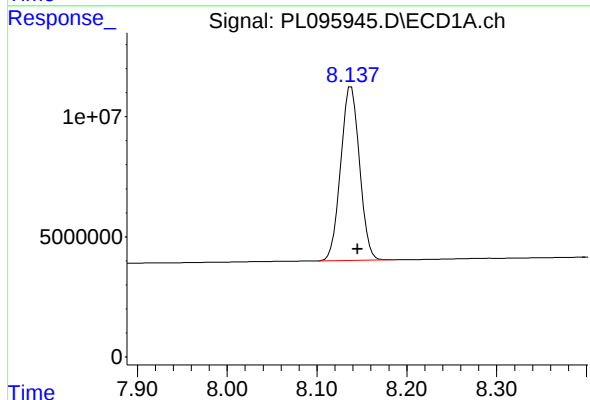
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2025
Supervised By :mohammad ahmed 06/09/2025



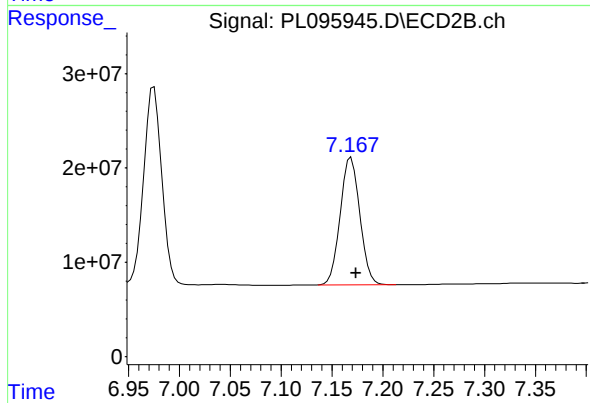
#21 Endrin ketone

R.T.: 6.975 min
Delta R.T.: -0.005 min
Response: 255981150
Conc: 49.48 ng/ml



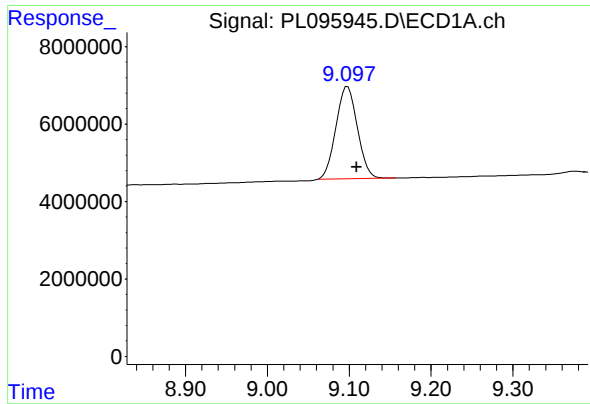
#22 Mirex

R.T.: 8.138 min
Delta R.T.: -0.007 min
Response: 105250432
Conc: 45.49 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.005 min
Response: 181004647
Conc: 44.58 ng/ml



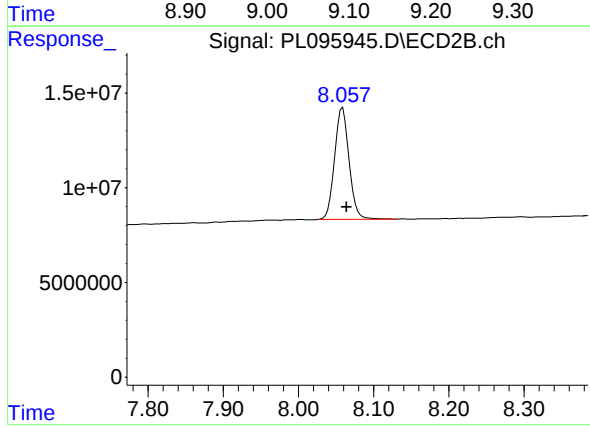
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.011 min
Response: 43585342
Conc: 18.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168299BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2025
Supervised By :mohammad ahmed 06/09/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 79031234
Conc: 18.07 ng/ml