

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094629.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 11:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/13/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 13:27:46 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...	3.544	2.772	134.8E6	177.3E6	47.628	49.666
28)	SA Decachlor...	9.061	7.908	105.3E6	203.2E6	49.944	50.302
Target Compounds							
2)	A alpha-BHC	4.000	3.274	197.2E6	270.0E6	47.480	50.076
3)	MA gamma-BHC...	4.331	3.603	186.7E6	255.4E6	46.791m	49.700m
4)	MA Heptachlor	4.921	3.942	178.6E6	255.0E6	46.005	48.403
5)	MB Aldrin	5.262	4.222	172.8E6	242.3E6	46.791	49.681
6)	B beta-BHC	4.532	3.905	83500486	109.9E6	45.252	49.467
7)	B delta-BHC	4.779	4.133	180.8E6	252.4E6	46.422	50.455
8)	B Heptachlo...	5.687	4.725	157.9E6	227.1E6	47.199m	49.593
9)	A Endosulfan I	6.074	5.094	147.1E6	206.8E6	47.908	47.116
10)	B gamma-Chl...	5.943	4.974	157.2E6	241.4E6	46.650m	49.994
11)	B alpha-Chl...	6.023	5.038	159.6E6	237.3E6	48.405	49.729
12)	B 4,4'-DDE	6.198	5.225	142.4E6	231.0E6	48.413	49.693m
13)	MA Dieldrin	6.349	5.357	149.6E6	239.8E6	46.769	49.427m
14)	MA Endrin	6.577	5.635	122.7E6	212.4E6	44.250m	48.678
15)	B Endosulfa...	6.798	5.929	128.6E6	215.7E6	47.372m	49.829
16)	A 4,4'-DDD	6.713	5.783	109.8E6	189.6E6	50.679m	52.714
17)	MA 4,4'-DDT	7.029	6.032	115.5E6	195.3E6	48.551	48.435
18)	B Endrin al...	6.929	6.109	102.0E6	161.2E6	48.303	47.895
19)	B Endosulfa...	7.164	6.331	115.6E6	202.7E6	47.552	49.753
20)	A Methoxychlor	7.504	6.608	58089782	102.4E6	48.527	48.277
21)	B Endrin ke...	7.648	6.837	128.9E6	243.6E6	48.784	51.051
22)	Mirex	8.120	7.016	97780853	184.7E6	47.322	48.669

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 11:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

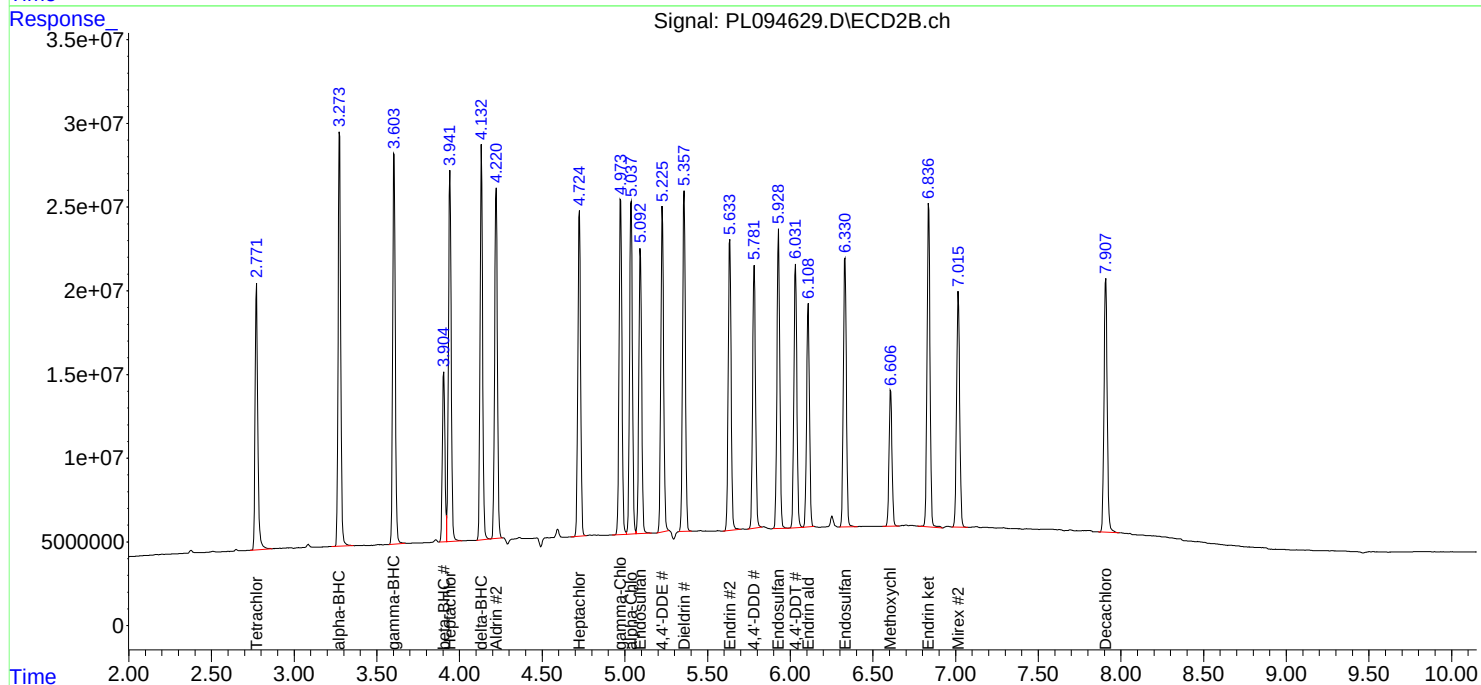
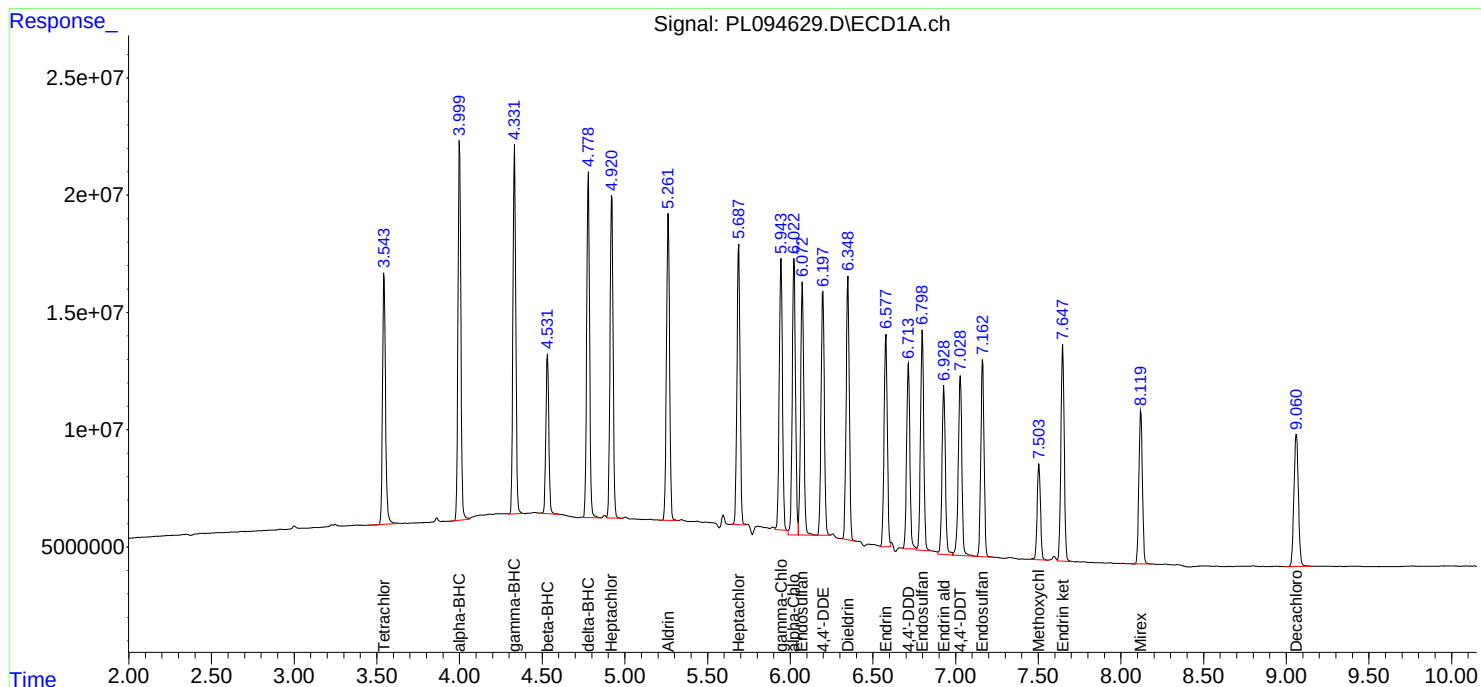
APPROVED

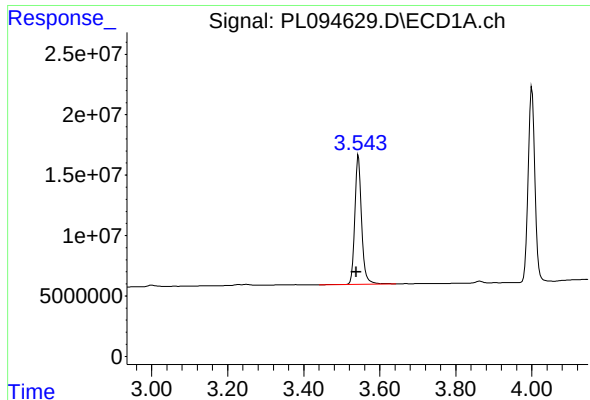
Reviewed By :Abdul Mirza 03/13/2025

Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 13:27:46 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





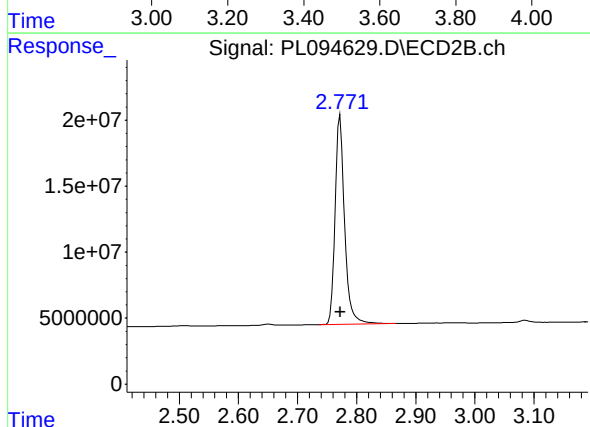
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.006 min
Response: 134818234
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

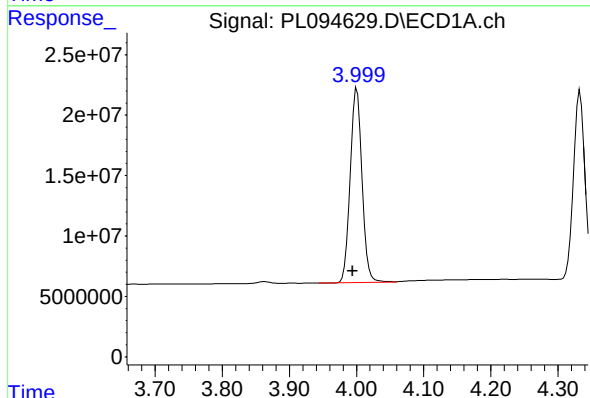
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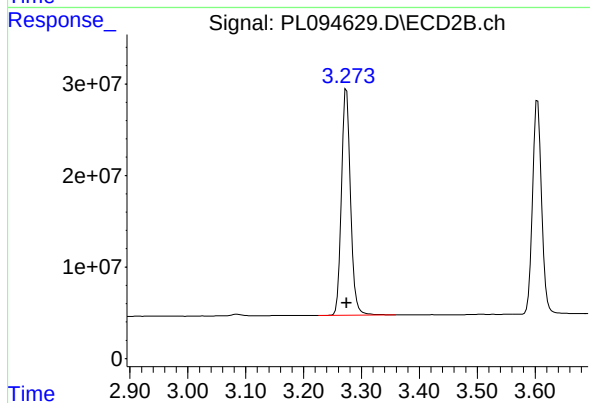
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 177270509
Conc: 49.67 ng/ml



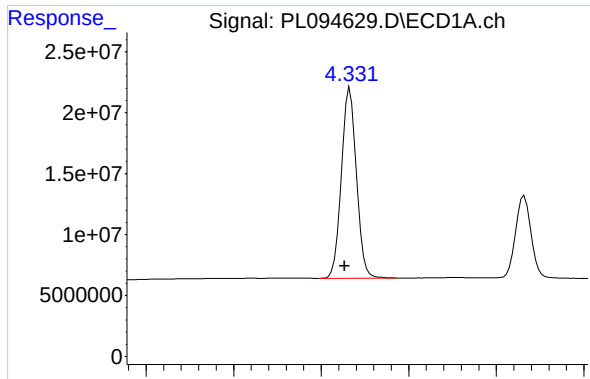
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.006 min
Response: 197154288
Conc: 47.48 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 269980855
Conc: 50.08 ng/ml



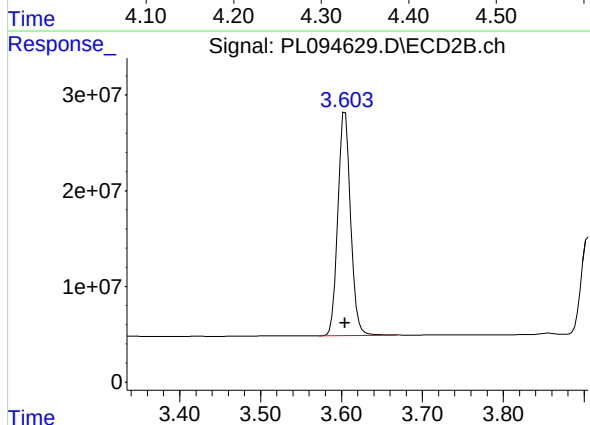
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.005 min
Response: 186708737
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

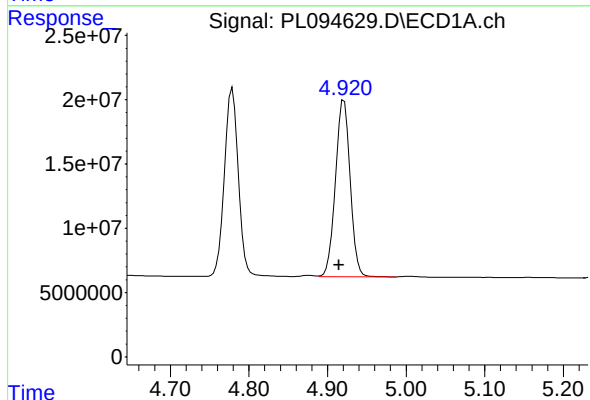
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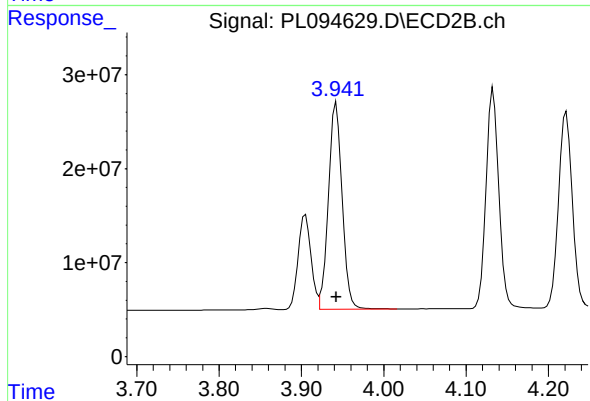
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.001 min
Response: 255432688
Conc: 49.70 ng/ml



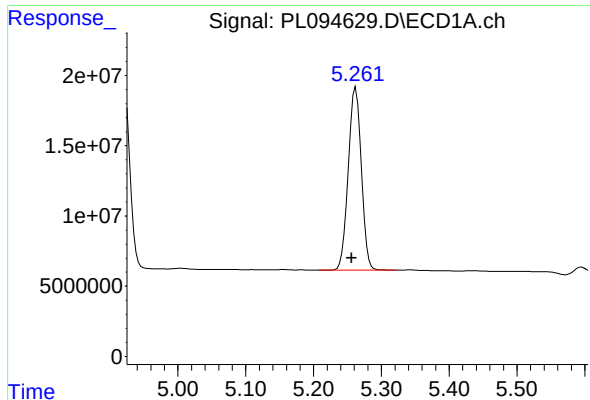
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.006 min
Response: 178574691
Conc: 46.01 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 255017901
Conc: 48.40 ng/ml



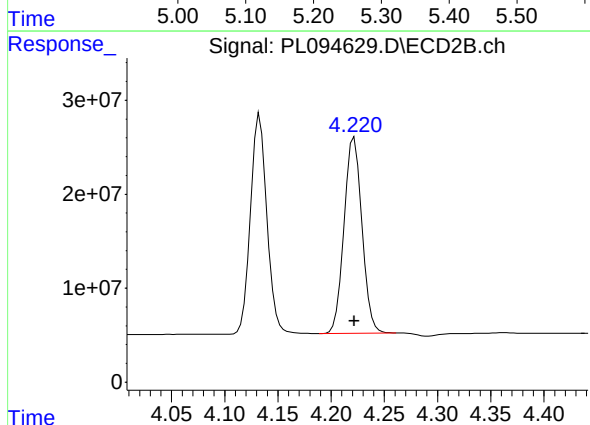
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.006 min
Response: 172762618
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

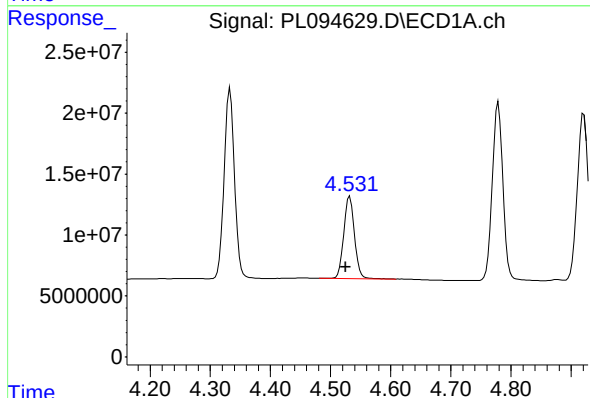
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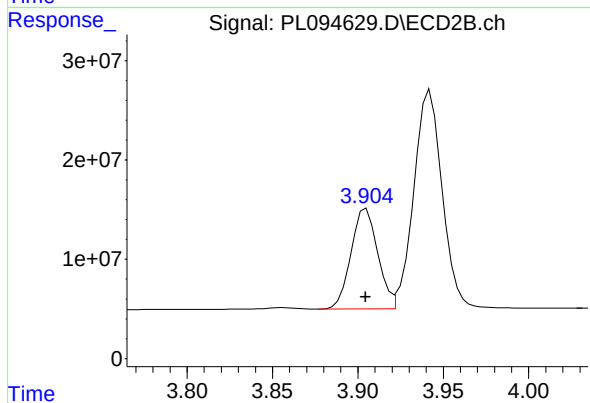
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 242261094
Conc: 49.68 ng/ml



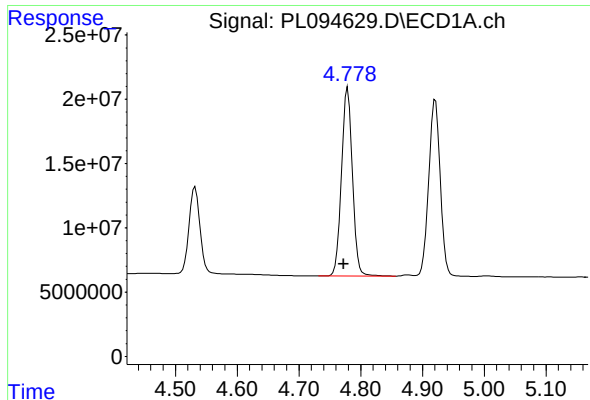
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.007 min
Response: 83500486
Conc: 45.25 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 109880172
Conc: 49.47 ng/ml



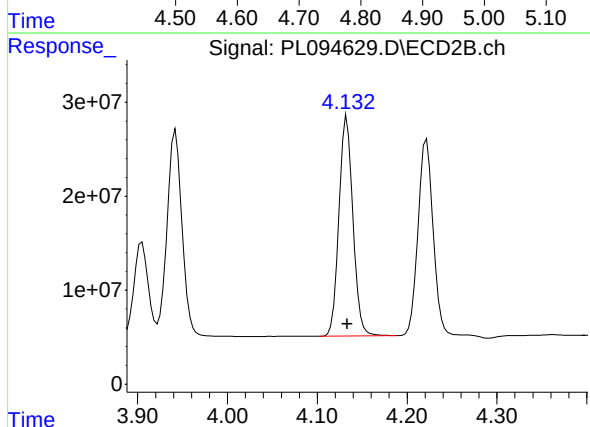
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.006 min
Response: 180780260
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

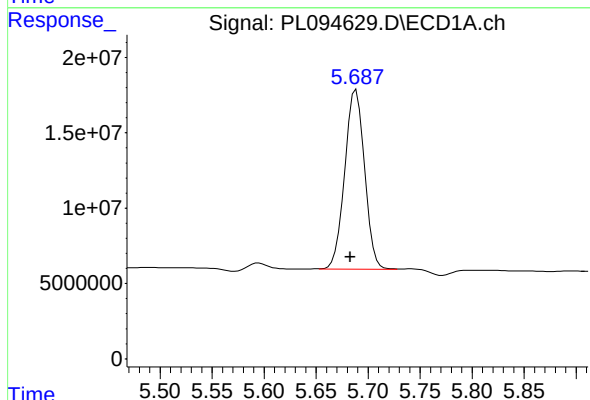
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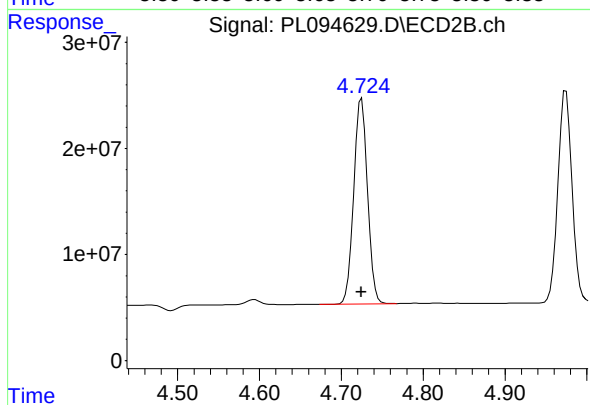
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.000 min
Response: 252373516
Conc: 50.45 ng/ml



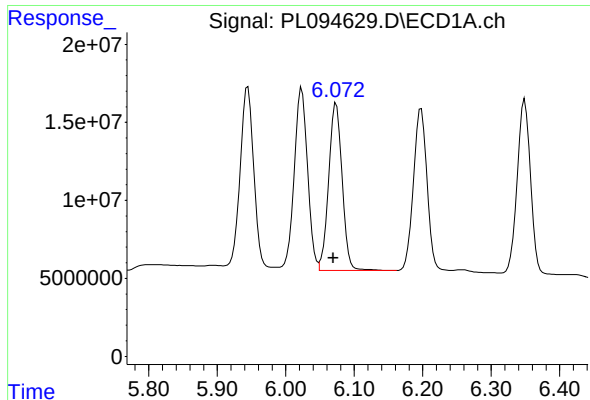
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.004 min
Response: 157888334
Conc: 47.20 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 227066442
Conc: 49.59 ng/ml



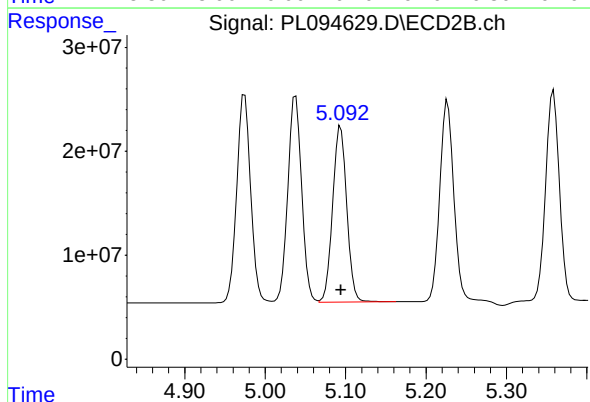
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.005 min
Response: 147087282
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

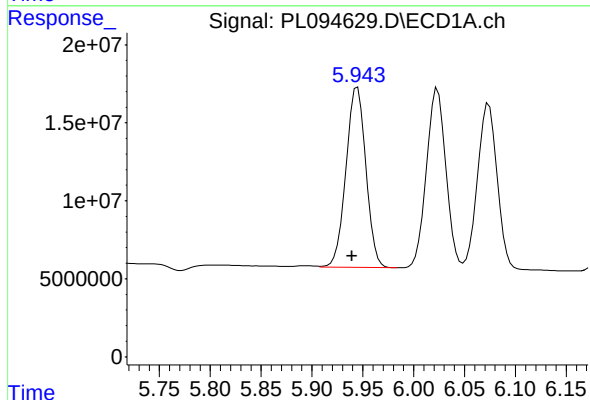
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Supervised By :mohammad ahmed 03/28/2025



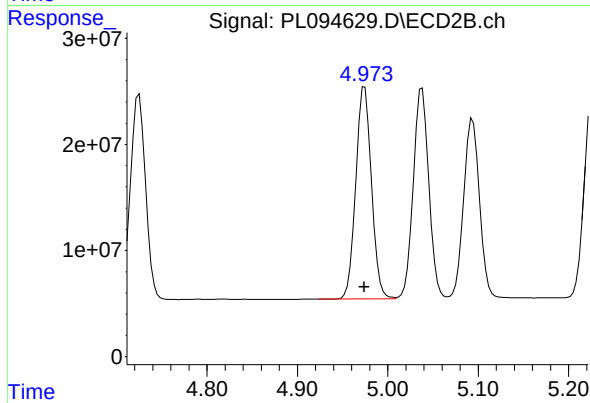
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 206780340
Conc: 47.12 ng/ml



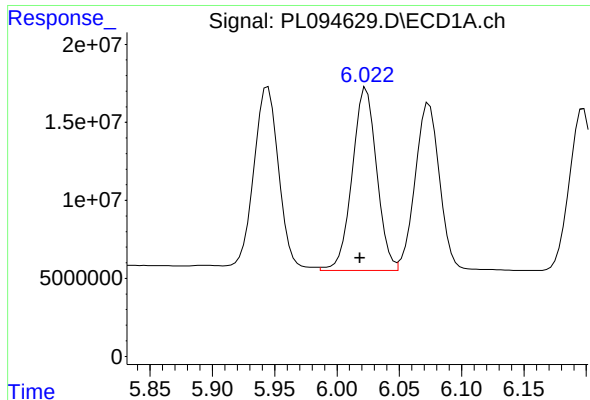
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.004 min
Response: 157180262
Conc: 46.65 ng/ml m



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 241393947
Conc: 49.99 ng/ml



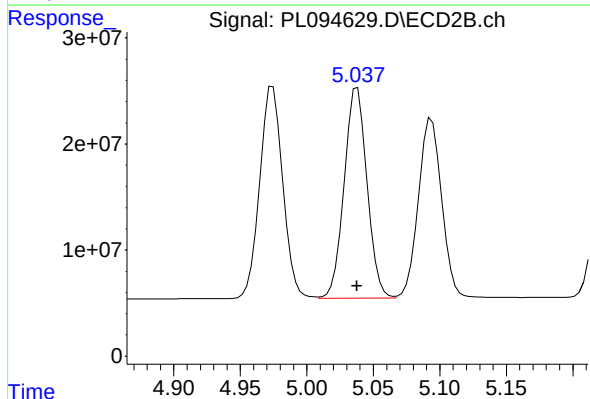
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.005 min
Response: 159582146
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

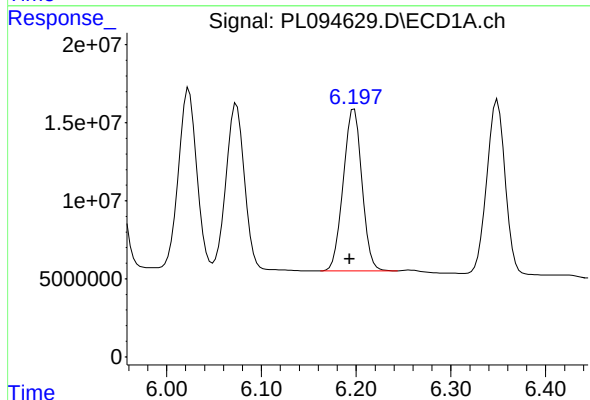
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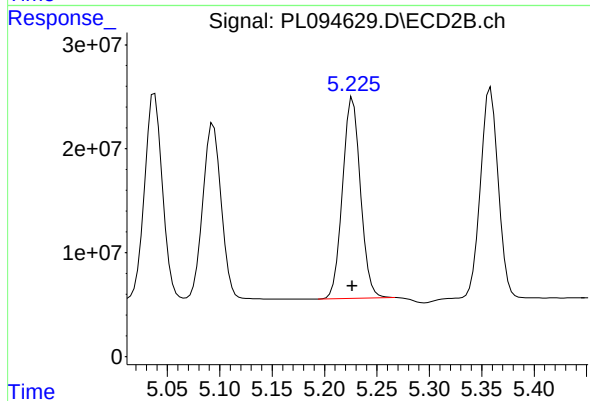
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 237346424
Conc: 49.73 ng/ml



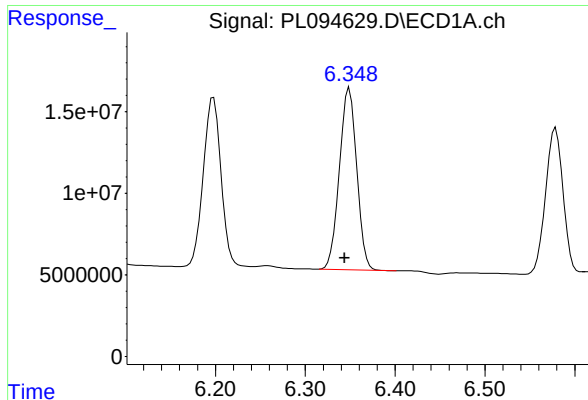
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.005 min
Response: 142434658
Conc: 48.41 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 231000272
Conc: 49.69 ng/ml m



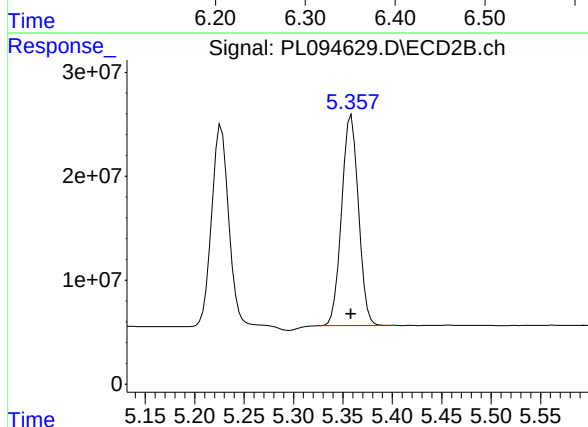
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.005 min
Response: 149572542
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

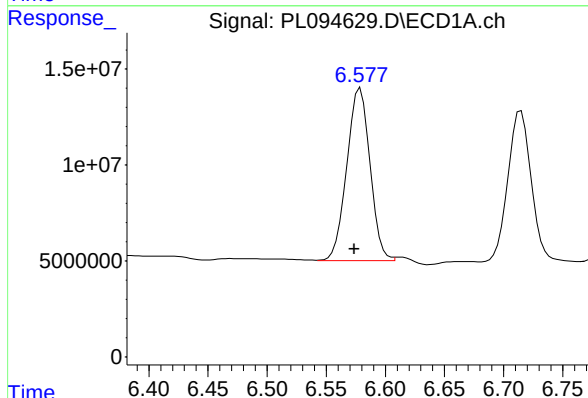
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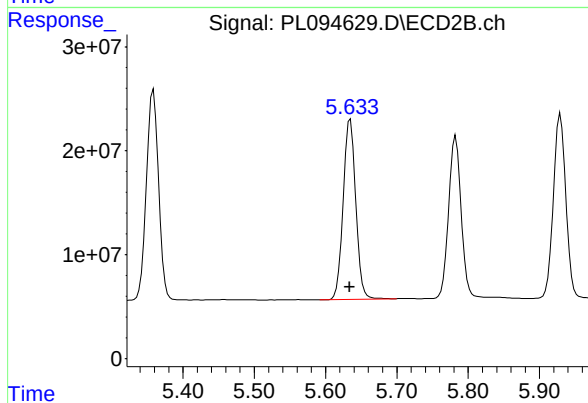
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 239810557
Conc: 49.43 ng/ml m



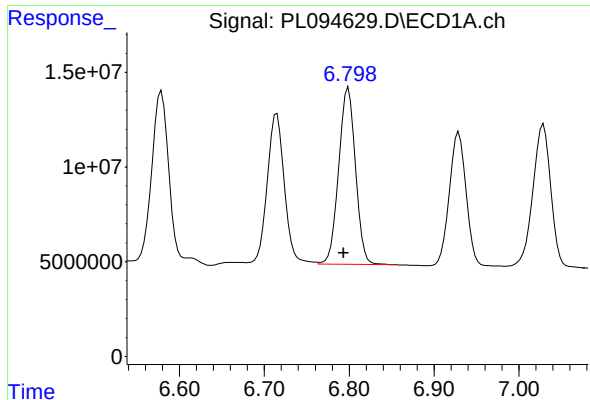
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.004 min
Response: 122664362
Conc: 44.25 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.001 min
Response: 212414862
Conc: 48.68 ng/ml



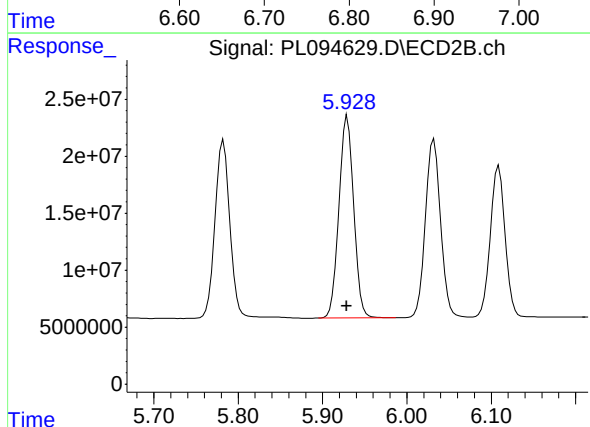
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.004 min
Response: 128603839
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

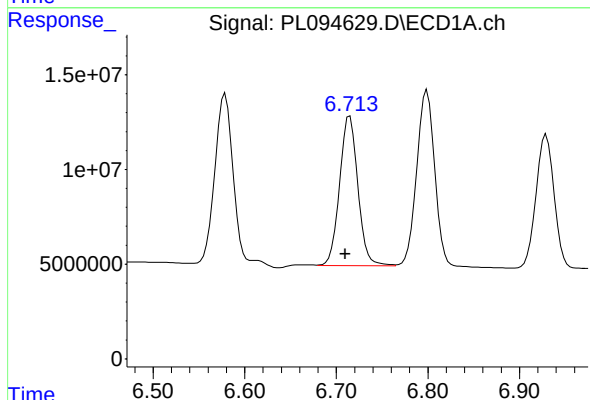
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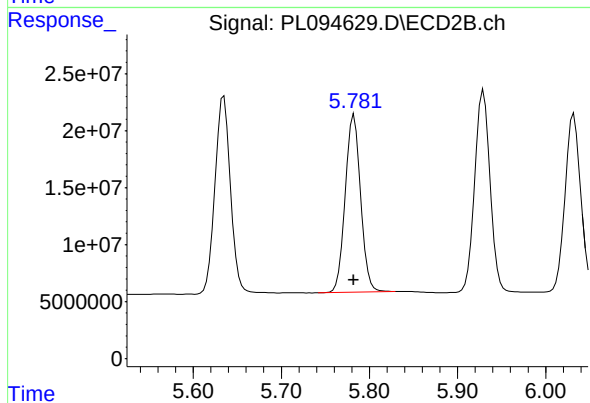
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 215674246
Conc: 49.83 ng/ml



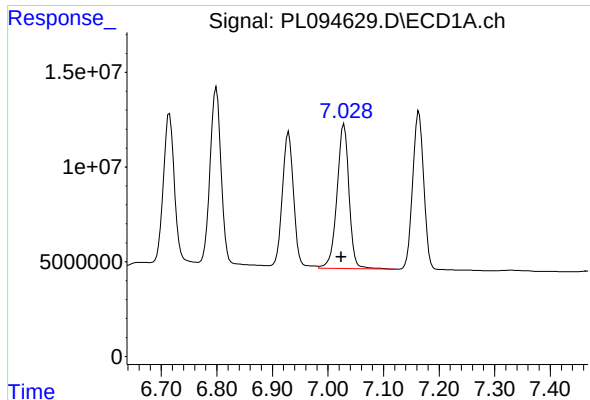
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 109773098
Conc: 50.68 ng/ml m



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 189554756
Conc: 52.71 ng/ml



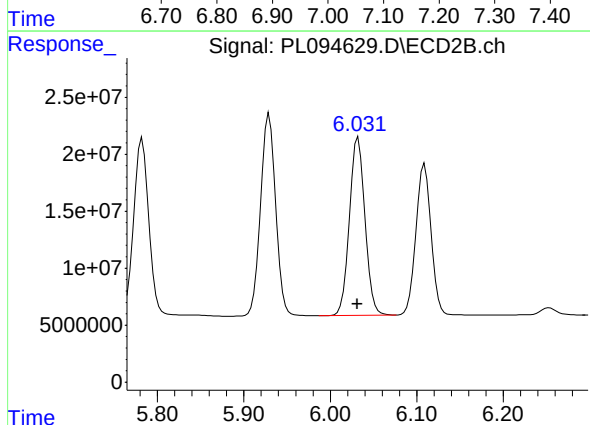
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.005 min
Response: 115479510
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

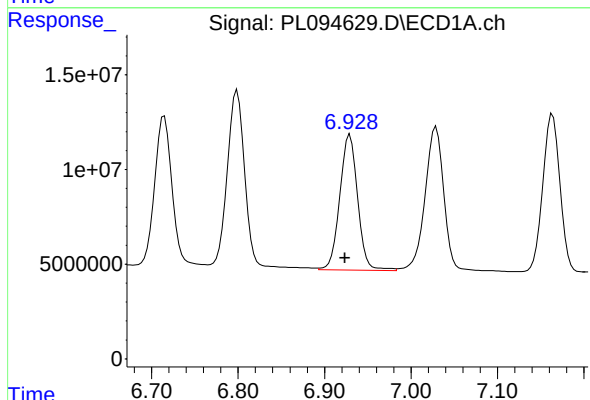
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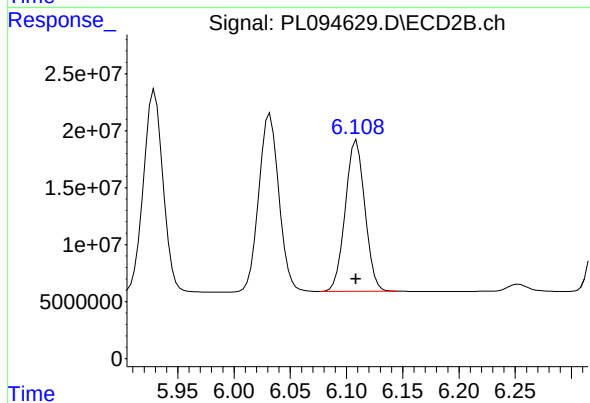
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 195294562
Conc: 48.43 ng/ml



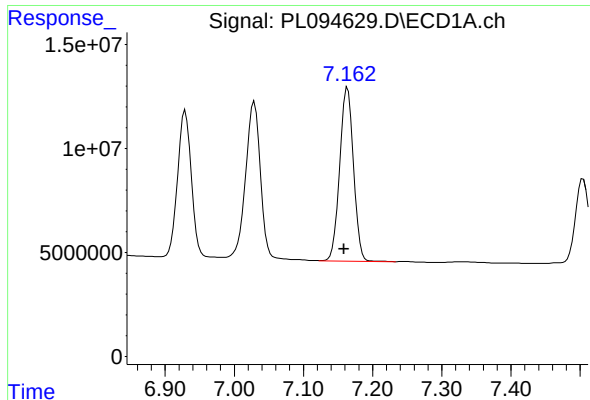
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.005 min
Response: 101968111
Conc: 48.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 161183546
Conc: 47.89 ng/ml



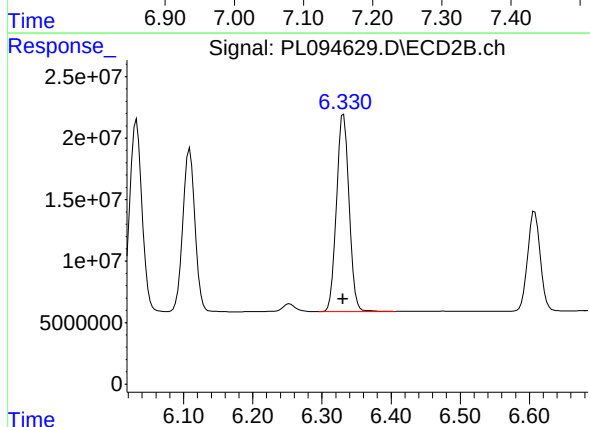
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.005 min
Response: 115646570
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

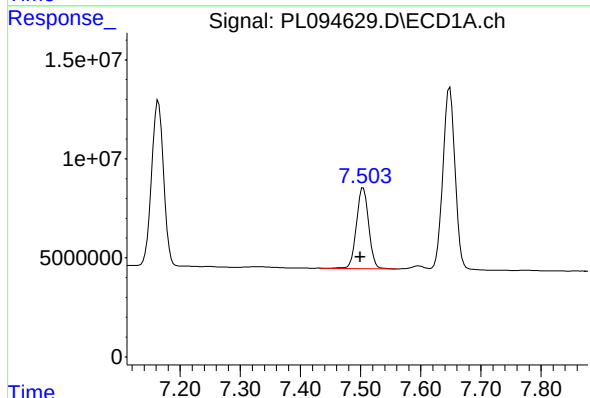
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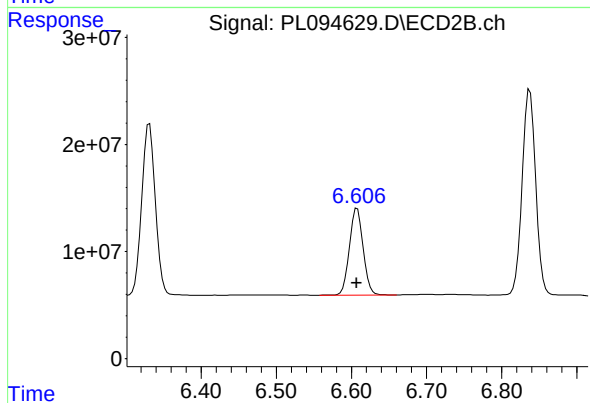
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 202666146
Conc: 49.75 ng/ml



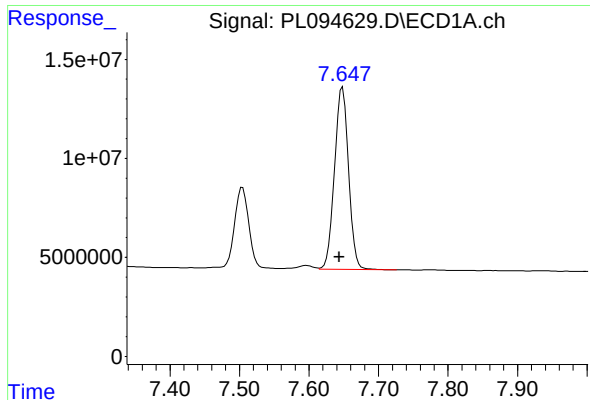
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.005 min
Response: 58089782
Conc: 48.53 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 102398070
Conc: 48.28 ng/ml



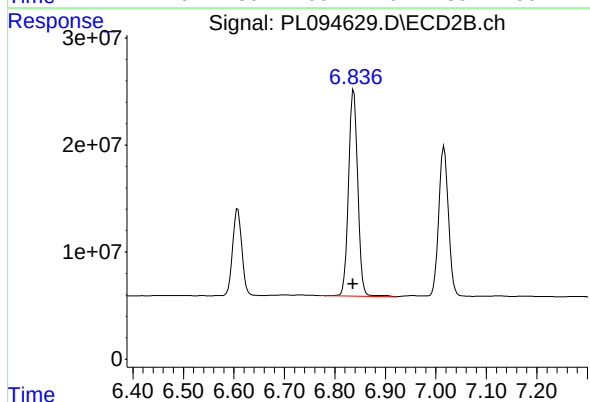
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.005 min
Response: 128949342
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

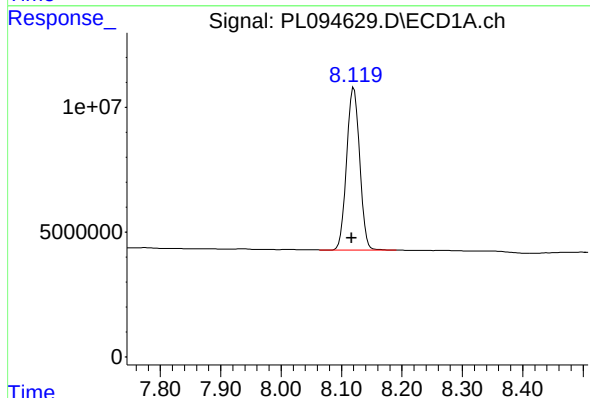
Manual Integrations
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Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025



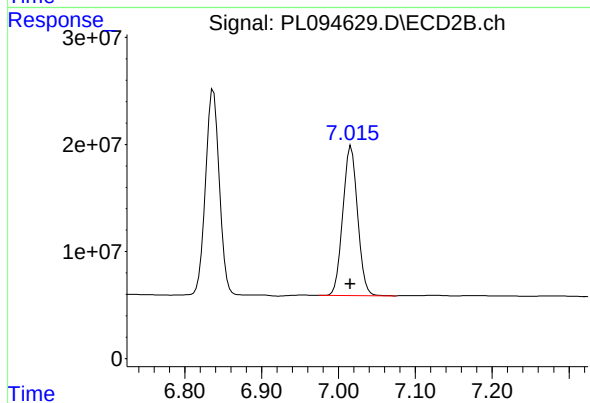
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.001 min
Response: 243644438
Conc: 51.05 ng/ml



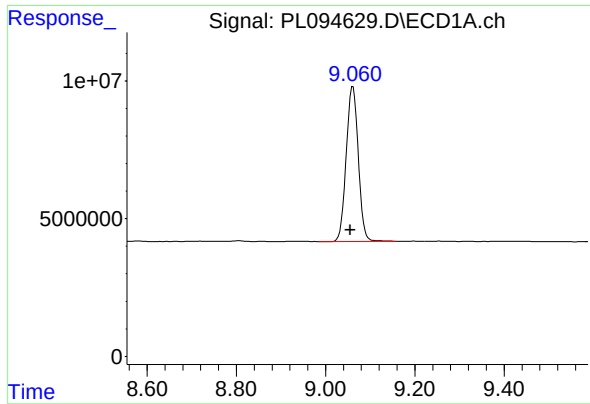
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 97780853
Conc: 47.32 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 184715661
Conc: 48.67 ng/ml



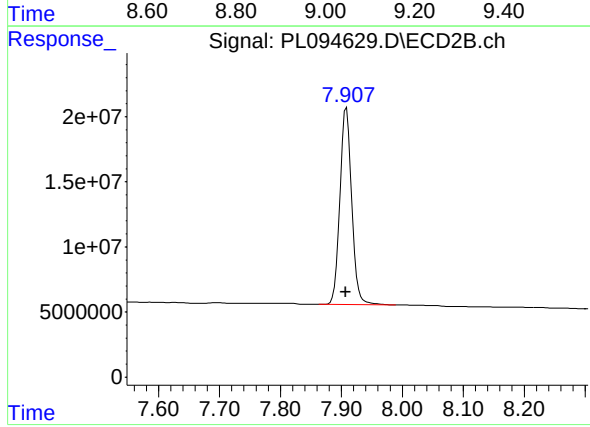
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.005 min
Response: 105255005
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.002 min
Response: 203188178
Conc: 50.30 ng/ml