

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
 Data File : PL094796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2025 16:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2025
 Supervised By : mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 23:24:23 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...	3.540	2.770	134.7E6	191.4E6	47.572	53.614
28)	SA Decachlor...	9.059	7.907	109.8E6	183.2E6	52.100	45.359
Target Compounds							
2)	A alpha-BHC	3.996	3.273	196.1E6	292.1E6	47.234	54.184
3)	MA gamma-BHC...	4.329	3.602	187.4E6	276.7E6	46.968	53.829
4)	MA Heptachlor	4.917	3.941	174.0E6	273.3E6	44.817	51.874
5)	MB Aldrin	5.259	4.220	164.1E6	257.8E6	44.442	52.859
6)	B beta-BHC	4.528	3.903	84720467	119.8E6	45.914	53.924
7)	B delta-BHC	4.775	4.132	186.0E6	276.4E6	47.763	55.249
8)	B Heptachlo...	5.686	4.723	150.8E6	237.8E6	45.085	51.928
9)	A Endosulfan I	6.072	5.093	141.9E6	220.9E6	46.206	50.336
10)	B gamma-Chl...	5.942	4.973	153.9E6	247.9E6	45.679	51.351
11)	B alpha-Chl...	6.021	5.037	151.4E6	243.4E6	45.909	51.003
12)	B 4,4'-DDE	6.196	5.224	149.4E6	248.6E6	50.788	53.488m
13)	MA Dieldrin	6.347	5.356	148.4E6	248.8E6	46.409	51.280m
14)	MA Endrin	6.575	5.632	123.0E6	219.7E6	44.362m	50.347m
15)	B Endosulfa...	6.797	5.929	127.5E6	215.1E6	46.974	49.694
16)	A 4,4'-DDD	6.713	5.781	113.5E6	198.1E6	52.421	55.092
17)	MA 4,4'-DDT	7.027	6.031	117.1E6	208.0E6	49.222	51.591
18)	B Endrin al...	6.927	6.108	97583609	159.0E6	46.226	47.232
19)	B Endosulfa...	7.162	6.331	114.5E6	202.5E6	47.094	49.715
20)	A Methoxychlor	7.503	6.606	61642504	111.8E6	51.494	52.717
21)	B Endrin ke...	7.647	6.836	130.2E6	237.1E6	49.274	49.686
22)	Mirex	8.119	7.015	93345044	176.1E6	45.175	46.407

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031215\
Data File : PL094796.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2025 16:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

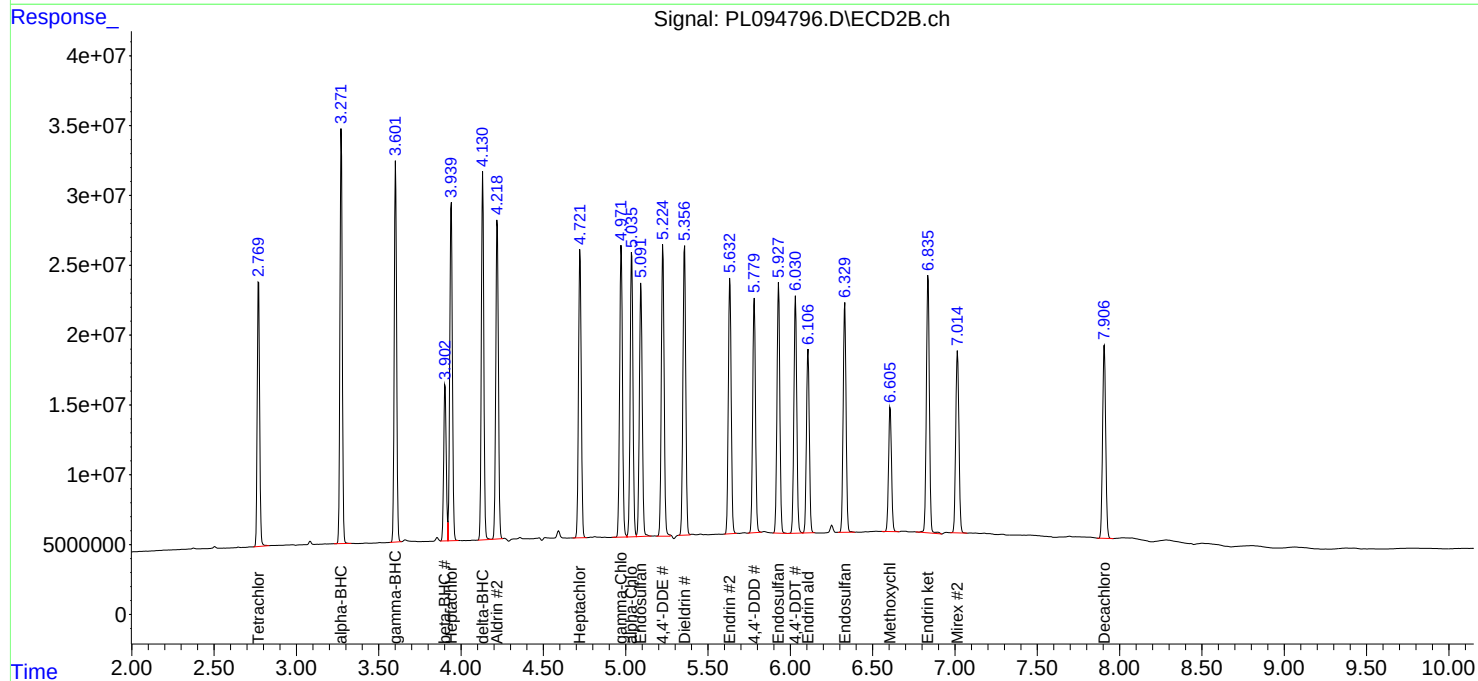
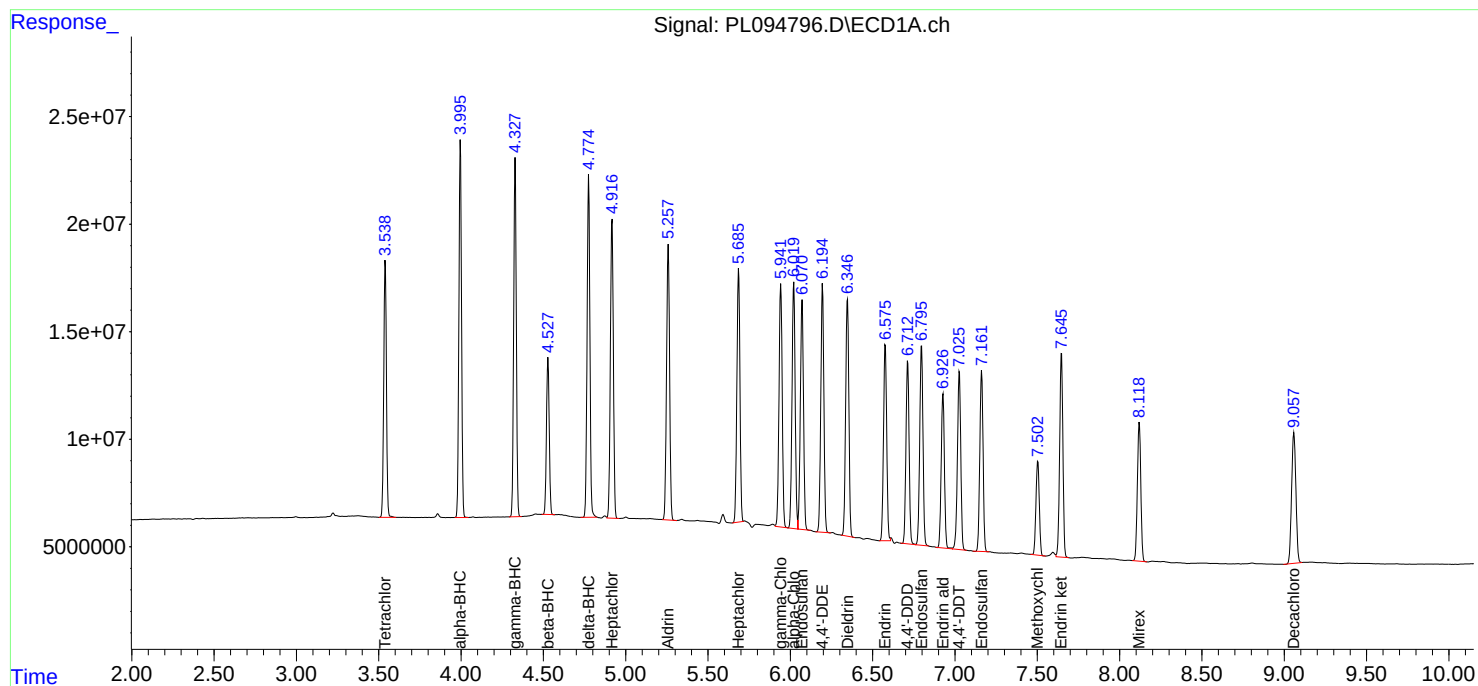
APPROVED

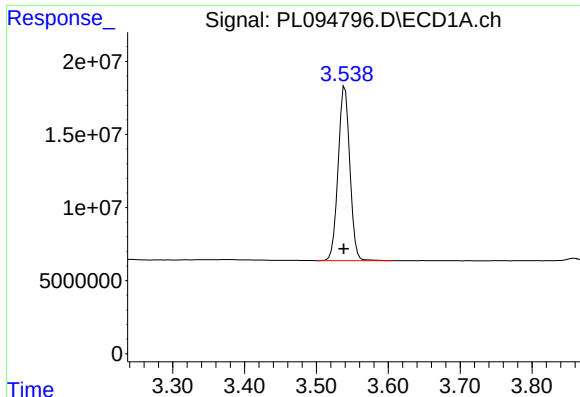
Reviewed By :Abdul Mirza 03/24/2025

Supervised By :mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 23:24:23 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





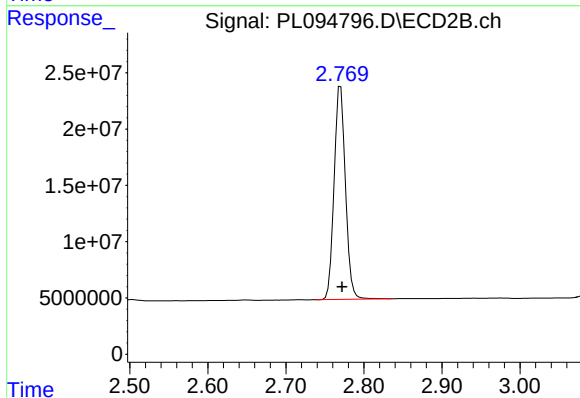
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.002 min
Response: 134659717
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

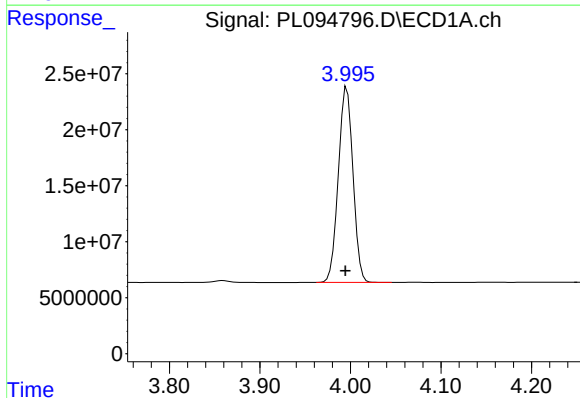
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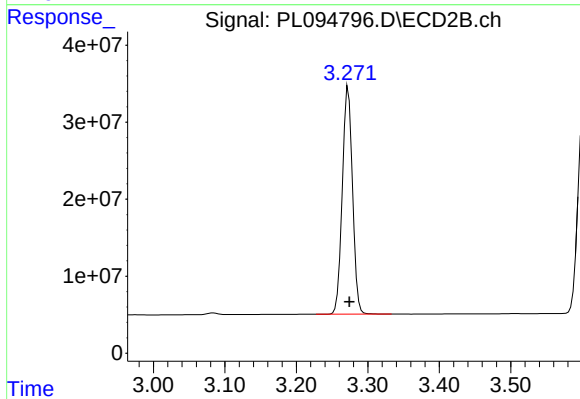
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 191363702
Conc: 53.61 ng/ml



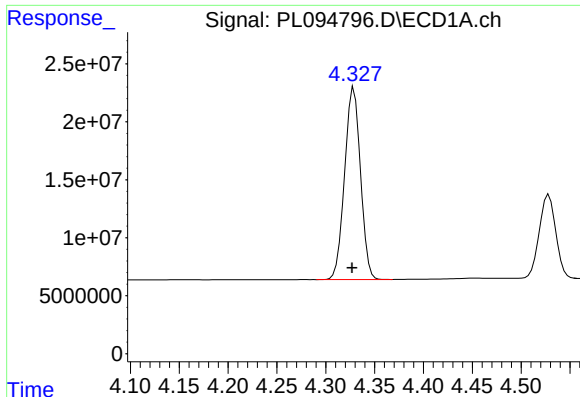
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.002 min
Response: 196131643
Conc: 47.23 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 292124557
Conc: 54.18 ng/ml



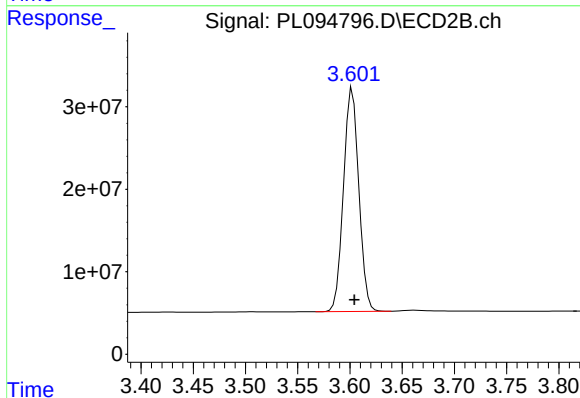
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 187416122
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

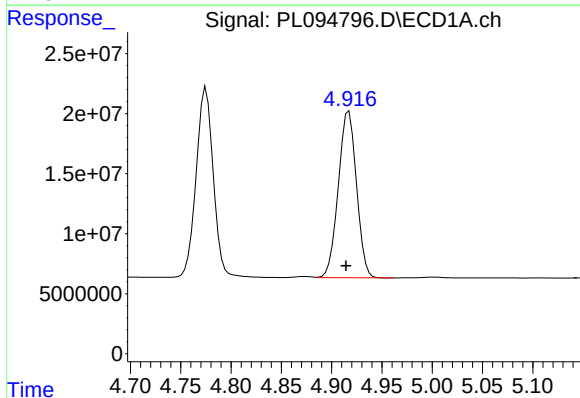
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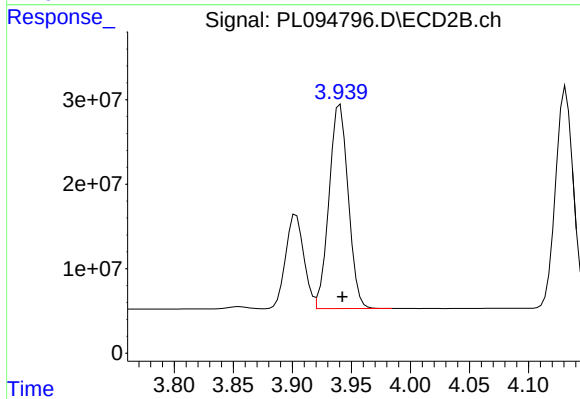
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 276653596
Conc: 53.83 ng/ml



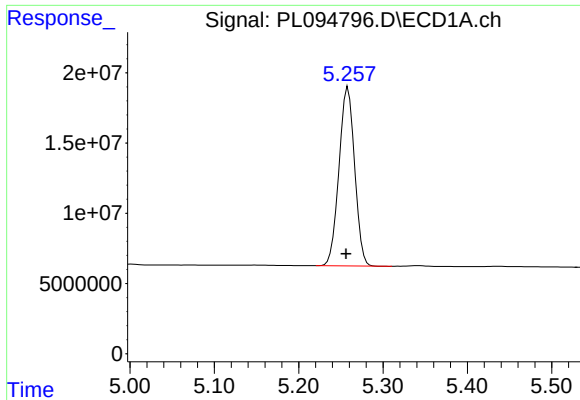
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.003 min
Response: 173964143
Conc: 44.82 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 273304891
Conc: 51.87 ng/ml



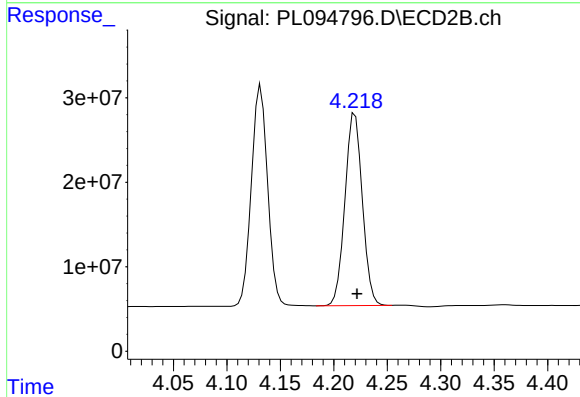
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.002 min
Response: 164088084
Conc: 44.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

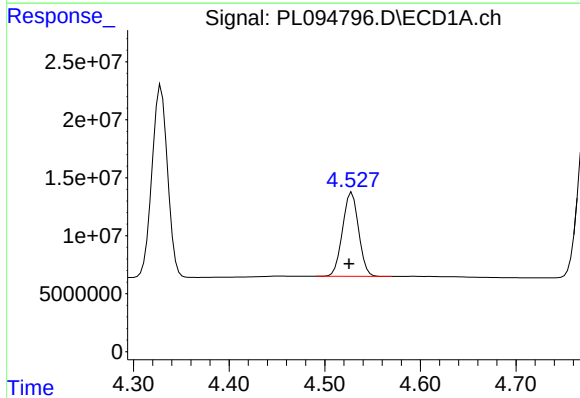
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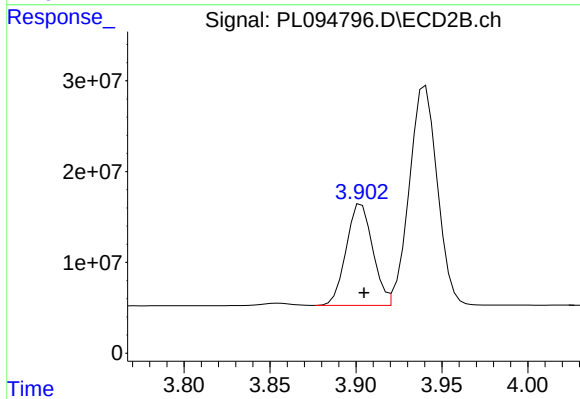
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 257760268
Conc: 52.86 ng/ml



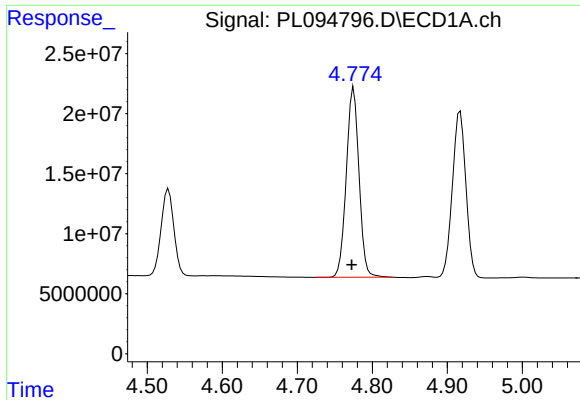
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 84720467
Conc: 45.91 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.001 min
Response: 119781327
Conc: 53.92 ng/ml



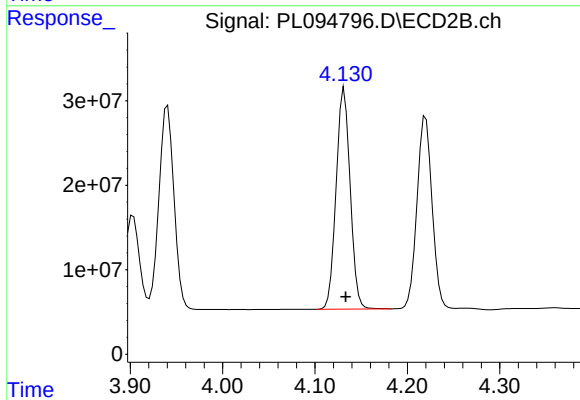
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.002 min
Response: 186003257
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

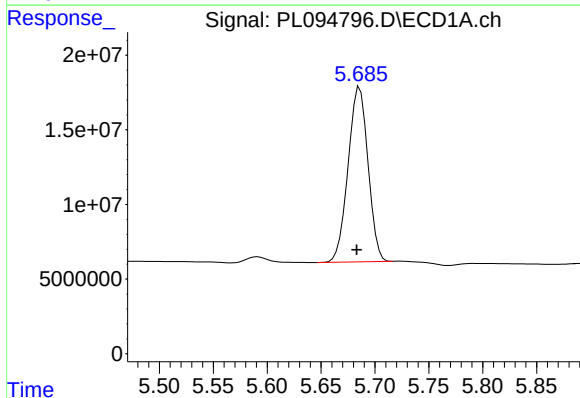
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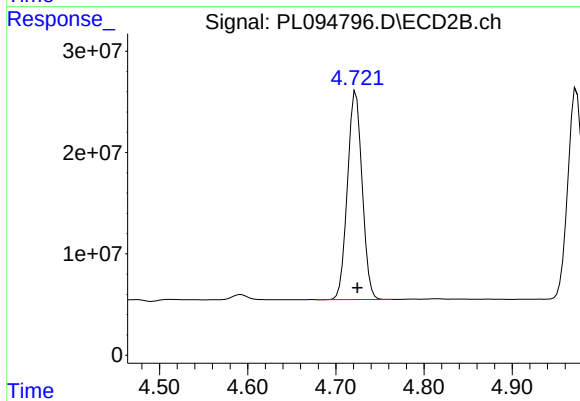
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.002 min
Response: 276355180
Conc: 55.25 ng/ml



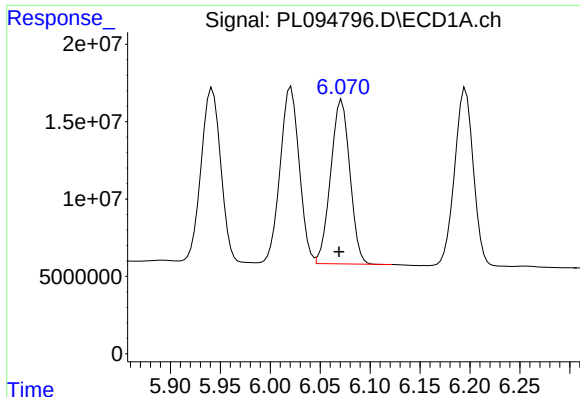
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.003 min
Response: 150818083
Conc: 45.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 237754480
Conc: 51.93 ng/ml



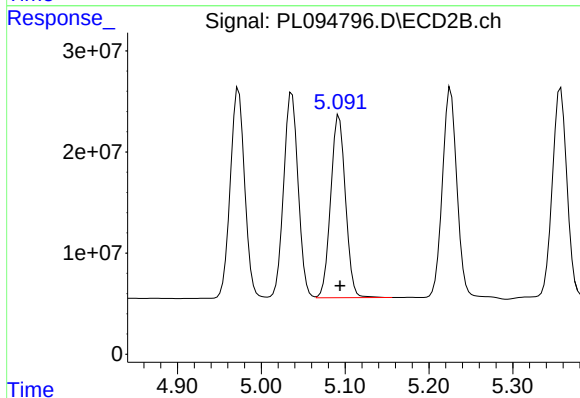
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 141861674
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

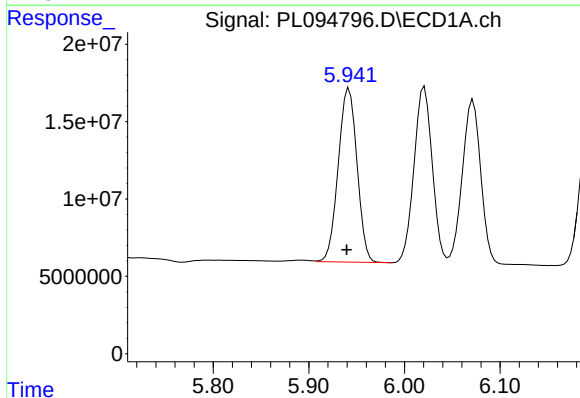
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Supervised By :mohammad ahmed 03/25/2025



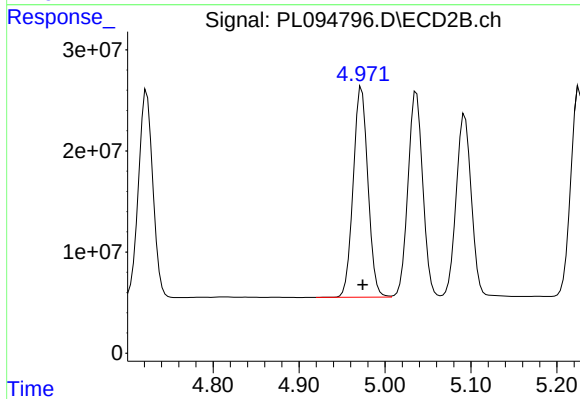
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 220912521
Conc: 50.34 ng/ml



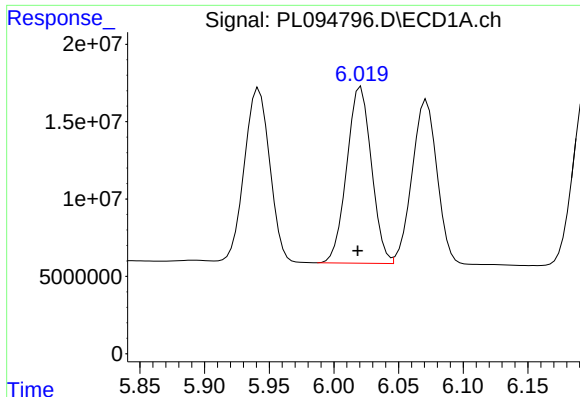
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 153910031
Conc: 45.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.001 min
Response: 247943046
Conc: 51.35 ng/ml



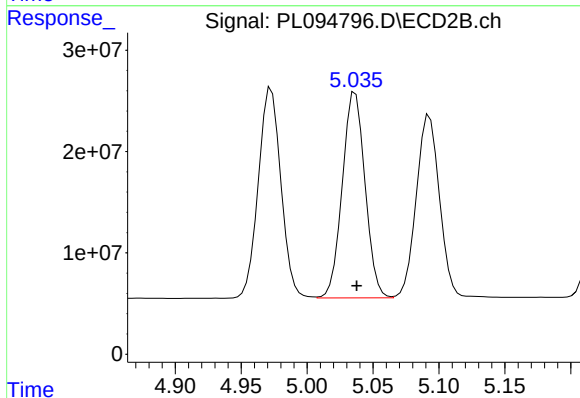
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.002 min
Response: 151353769
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

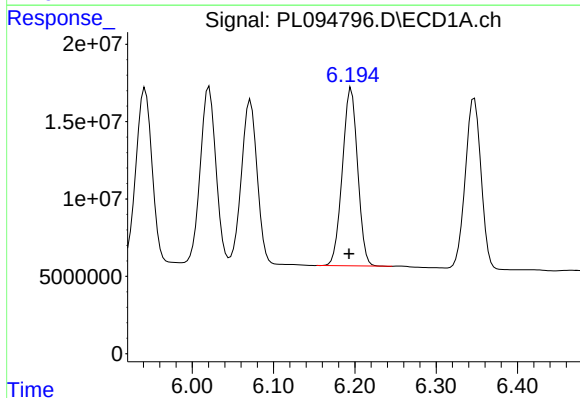
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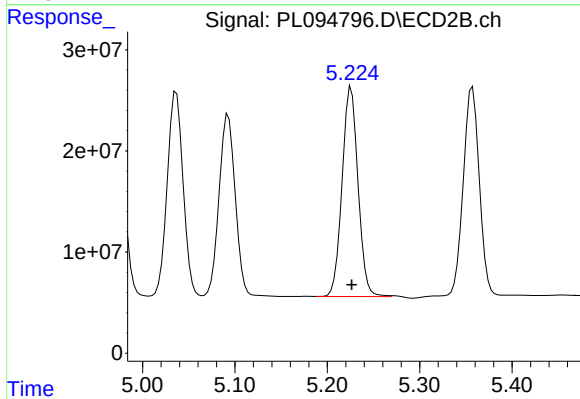
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 243427318
Conc: 51.00 ng/ml



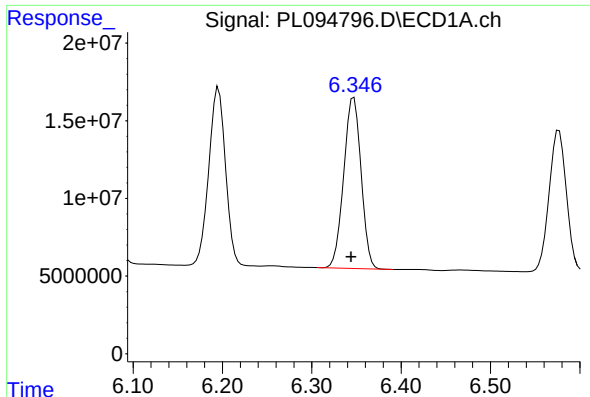
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 149421095
Conc: 50.79 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 248642311
Conc: 53.49 ng/ml m



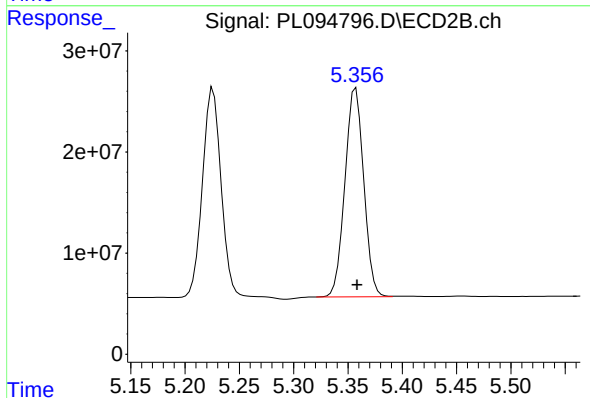
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.003 min
Response: 148423406
Conc: 46.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

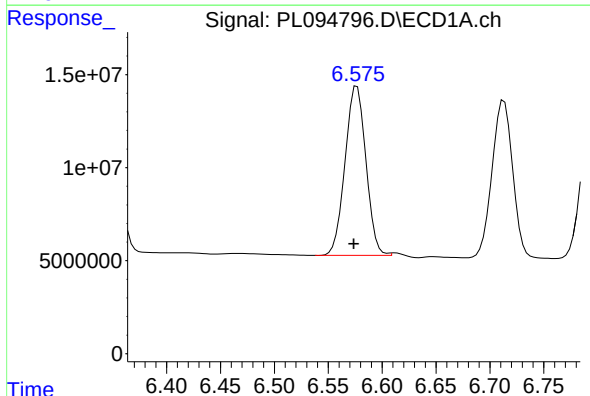
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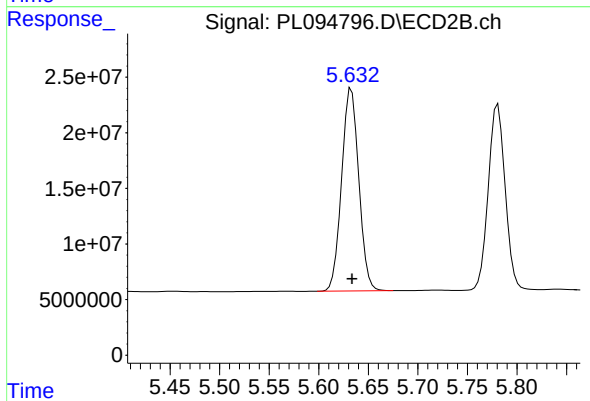
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 248801514
Conc: 51.28 ng/ml m



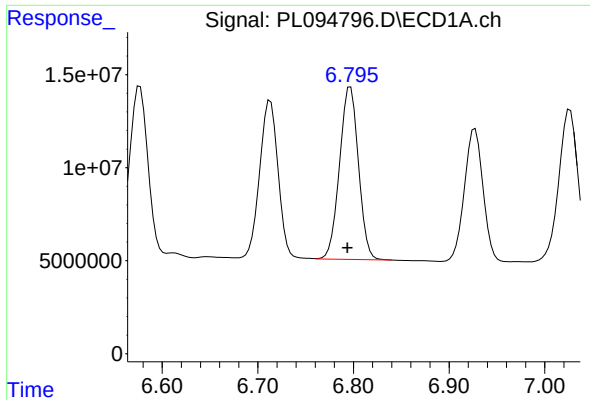
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.002 min
Response: 122975927
Conc: 44.36 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 219695424
Conc: 50.35 ng/ml m



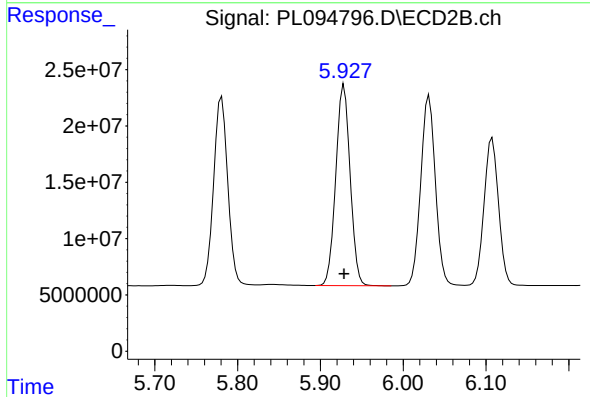
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.003 min
Response: 127523532
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

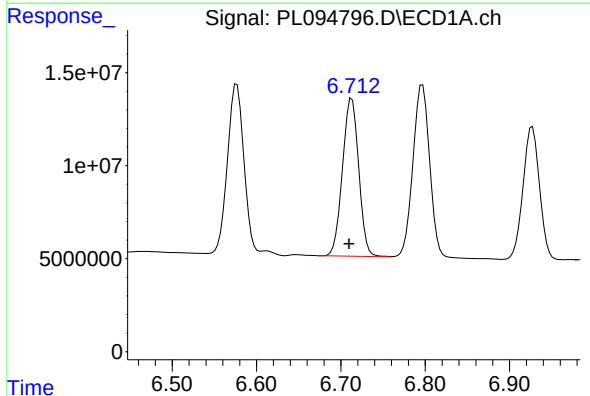
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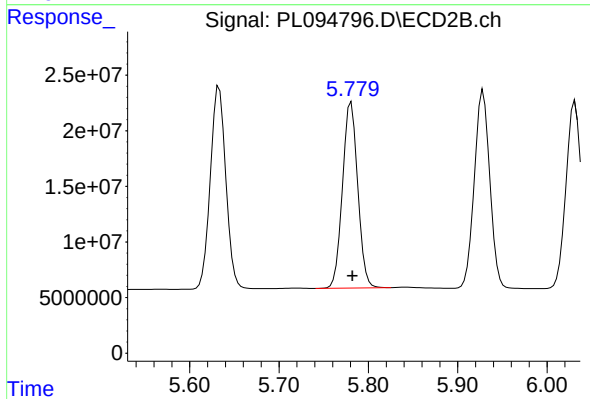
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 215086872
Conc: 49.69 ng/ml



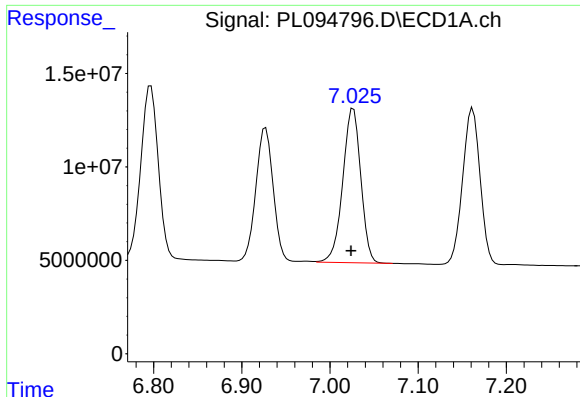
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 113547577
Conc: 52.42 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 198104710
Conc: 55.09 ng/ml



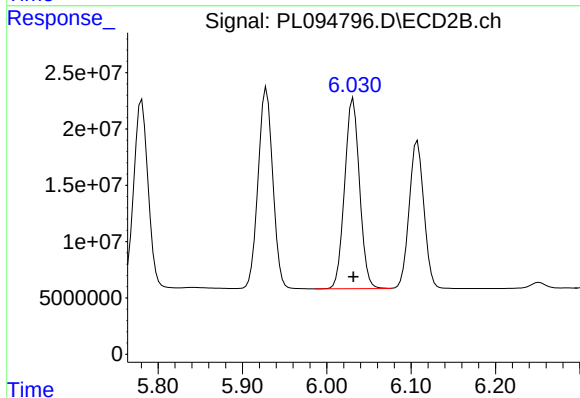
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.003 min
Response: 117075478
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

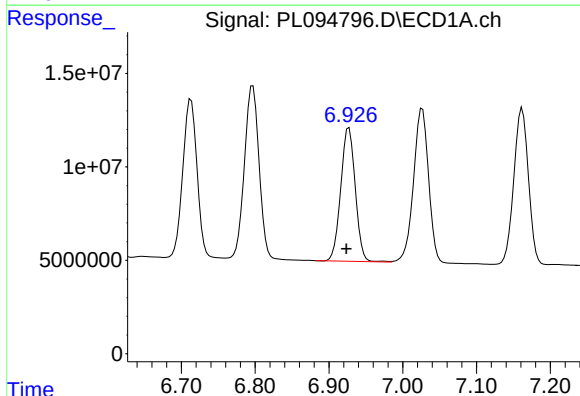
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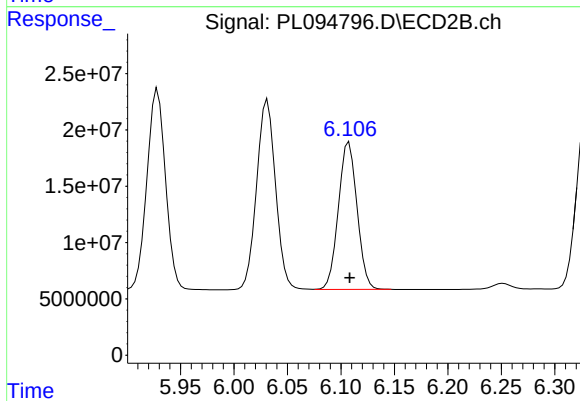
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 208022117
Conc: 51.59 ng/ml



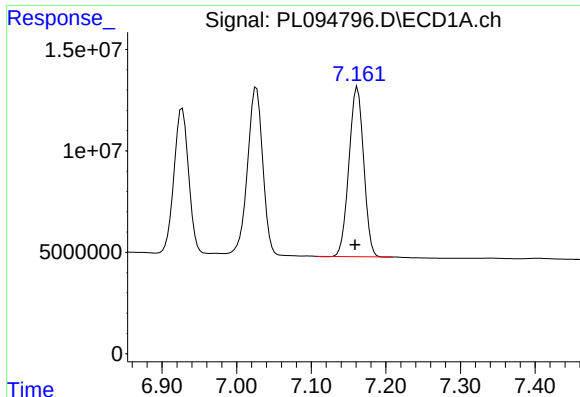
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 97583609
Conc: 46.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 158952549
Conc: 47.23 ng/ml



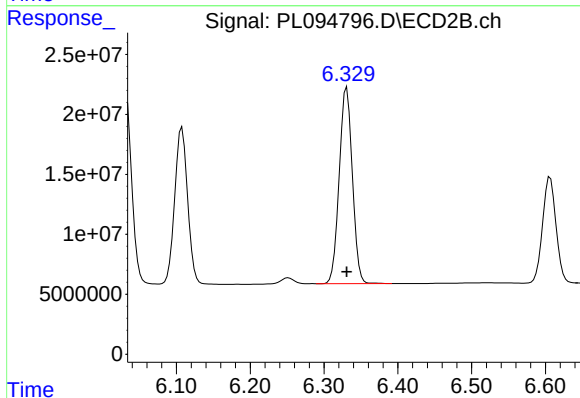
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.003 min
Response: 114533018
Conc: 47.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

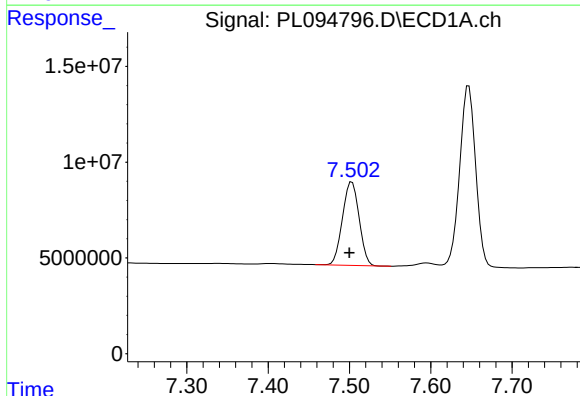
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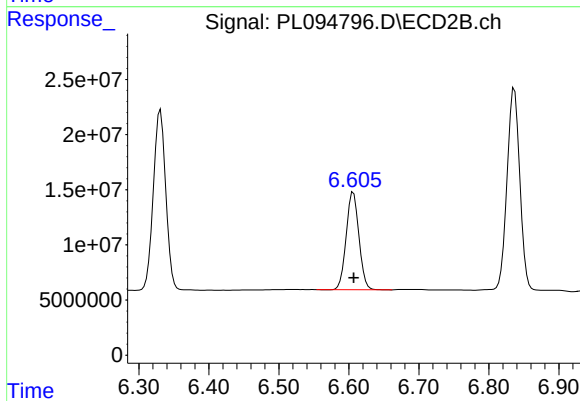
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 202512831
Conc: 49.72 ng/ml



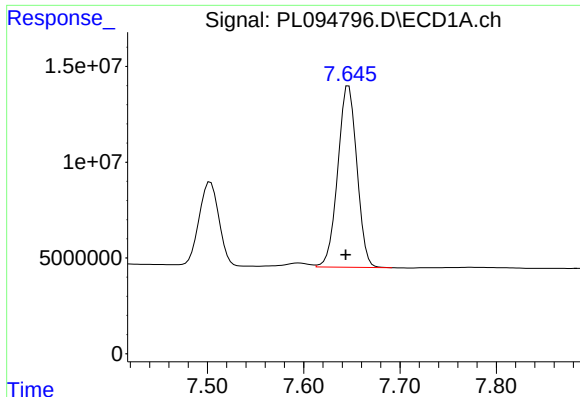
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 61642504
Conc: 51.49 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 111817263
Conc: 52.72 ng/ml



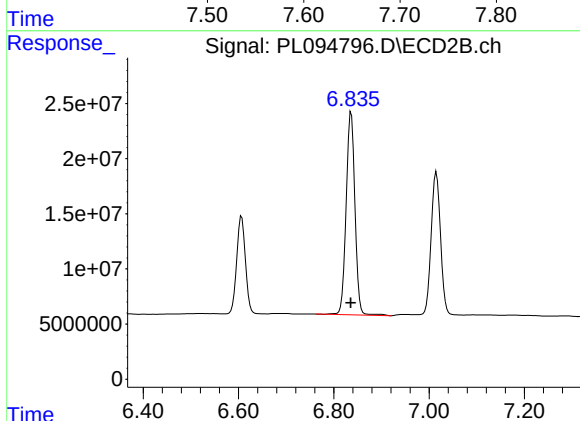
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.003 min
Response: 130244277
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

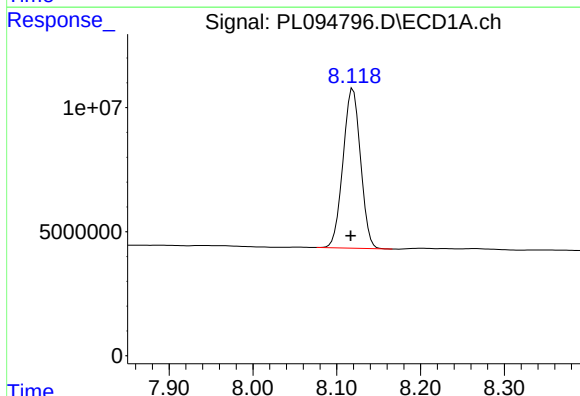
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



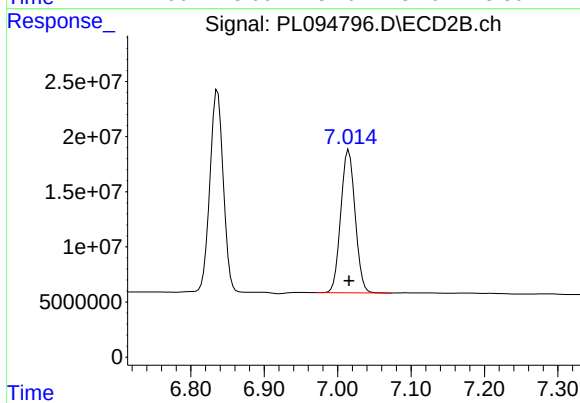
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 237132637
Conc: 49.69 ng/ml



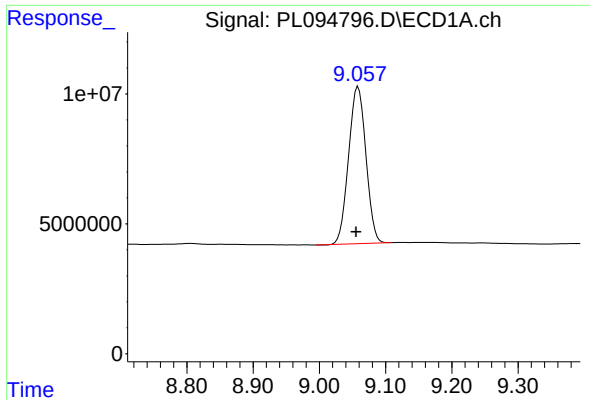
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 93345044
Conc: 45.18 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 176130041
Conc: 46.41 ng/ml



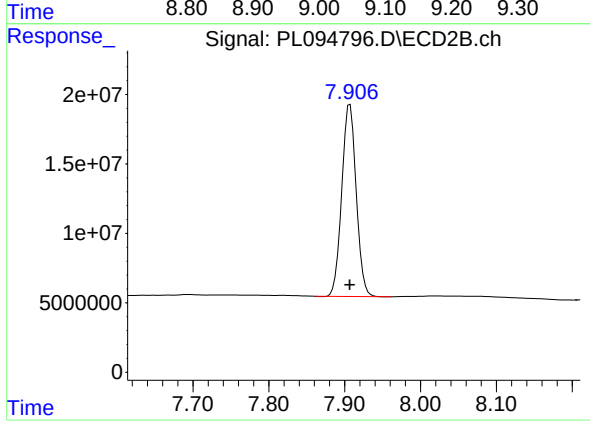
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.003 min
Response: 109799181
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 183220373
Conc: 45.36 ng/ml