

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062425\
 Data File : PL096159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 15:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/25/2025
 Supervised By : mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 04:27:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 24 16:08:38 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...	3.570	2.881	176.7E6	227.5E6	51.339	51.848
28)	SA Decachlor...	9.110	8.062	137.4E6	276.2E6	51.540	51.323
Target Compounds							
2)	A alpha-BHC	4.021	3.390	275.0E6	352.6E6	51.317	53.274
3)	MA gamma-BHC...	4.352	3.723	255.7E6	330.5E6	51.064	52.520
4)	MA Heptachlor	4.950	4.075	232.8E6	329.3E6	50.692	52.215
5)	MB Aldrin	5.292	4.359	245.1E6	312.1E6	51.547	52.788
6)	B beta-BHC	4.540	4.019	109.3E6	141.4E6	51.117	51.263
7)	B delta-BHC	4.788	4.253	248.3E6	333.0E6	50.843	52.960
8)	B Heptachlo...	5.713	4.861	219.5E6	287.7E6	50.050	50.112
9)	A Endosulfan I	6.096	5.234	203.4E6	283.8E6	50.597	47.753
10)	B gamma-Chl...	5.967	5.113	220.5E6	307.8E6	50.691	51.110m
11)	B alpha-Chl...	6.049	5.179	218.0E6	309.3E6	50.449	50.147
12)	B 4,4'-DDE	6.220	5.367	200.8E6	297.7E6	50.222	50.595
13)	MA Dieldrin	6.370	5.500	219.1E6	307.3E6	50.832	51.805
14)	MA Endrin	6.597	5.776	176.7E6	264.5E6	49.587	48.400
15)	B Endosulfa...	6.811	6.067	190.6E6	274.1E6	48.146	51.260
16)	A 4,4'-DDD	6.731	5.921	165.7E6	260.5E6	50.365	54.115
17)	MA 4,4'-DDT	7.046	6.175	163.1E6	260.0E6	49.904	47.364
18)	B Endrin al...	6.940	6.246	133.5E6	208.3E6	50.917	49.818
19)	B Endosulfa...	7.175	6.470	169.0E6	264.0E6	50.026	51.546
20)	A Methoxychlor	7.522	6.747	80307801	148.8E6	48.770	50.709
21)	B Endrin ke...	7.657	6.976	183.4E6	309.2E6	50.796	51.725
22)	Mirex	8.139	7.168	136.0E6	240.8E6	49.787	50.358m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062425\
Data File : PL096159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2025 15:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

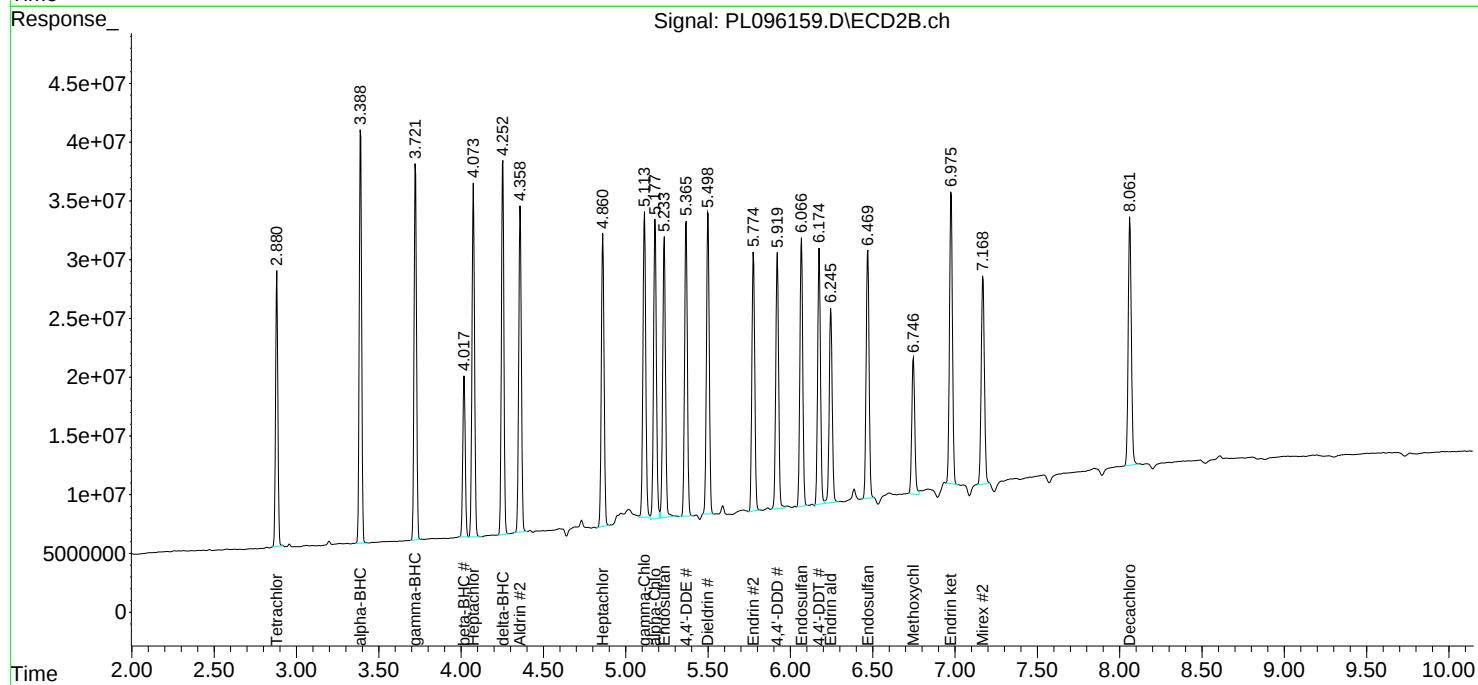
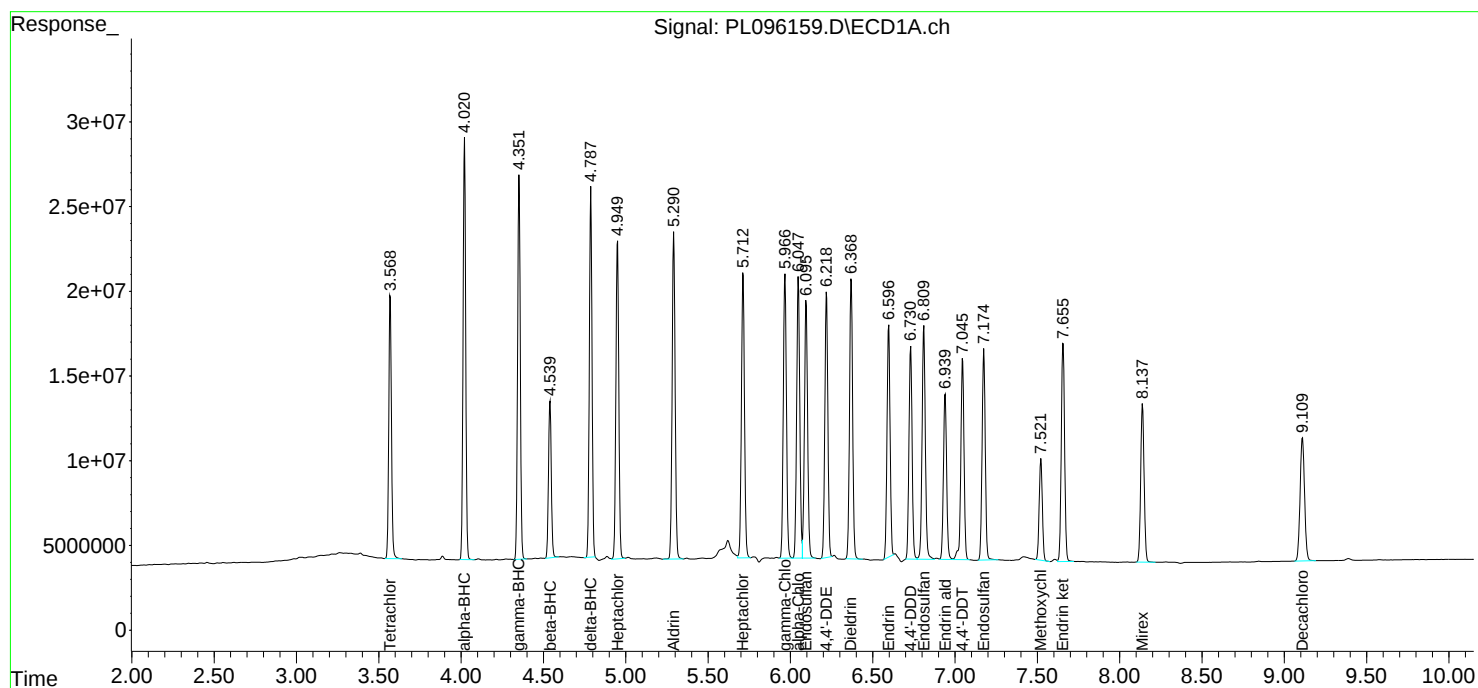
APPROVED

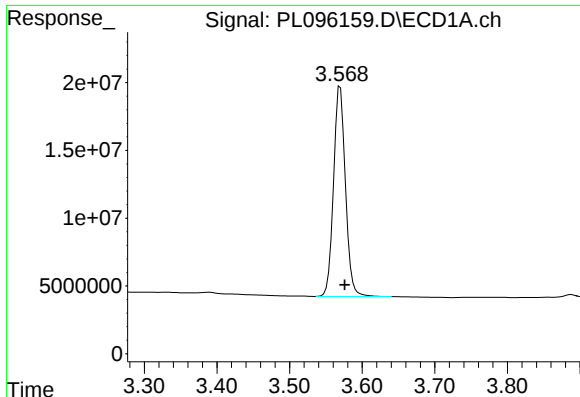
Reviewed By :Abdul Mirza 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 04:27:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
Quant Title : GC Extractables
QLast Update : Tue Jun 24 16:08:38 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





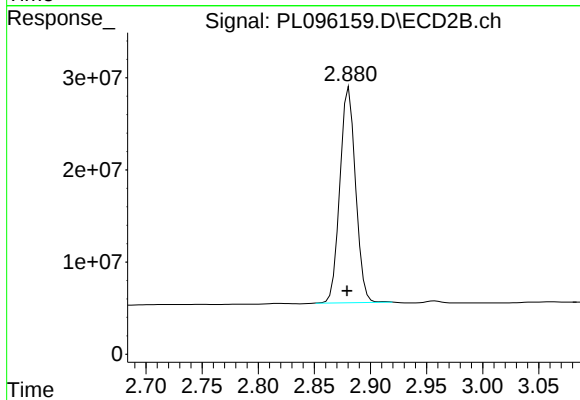
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: -0.006 min
Response: 176730033
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

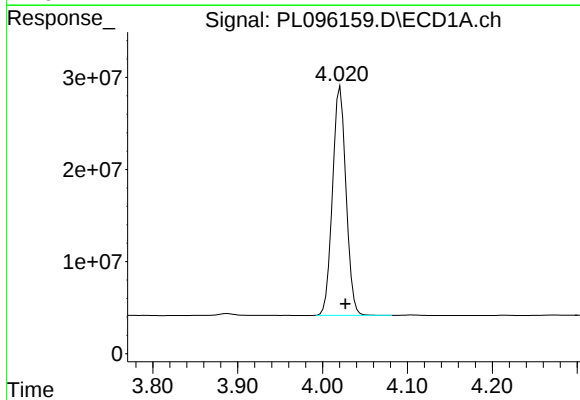
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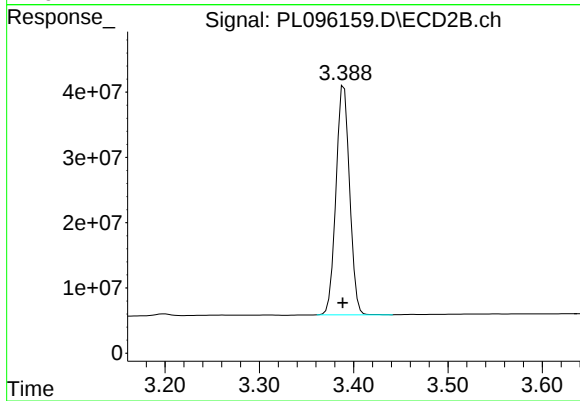
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.002 min
Response: 227487187
Conc: 51.85 ng/ml



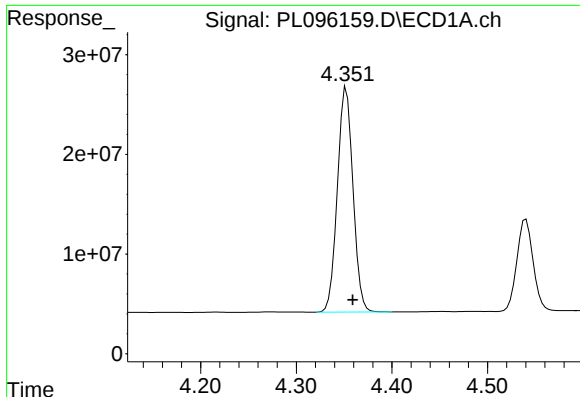
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: -0.006 min
Response: 274966067
Conc: 51.32 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.001 min
Response: 352618938
Conc: 53.27 ng/ml



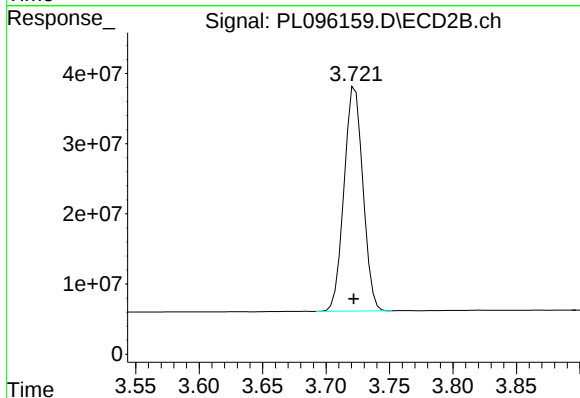
#3 gamma-BHC (Lindane)

R.T.: 4.352 min
Delta R.T.: -0.006 min
Response: 255725211
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

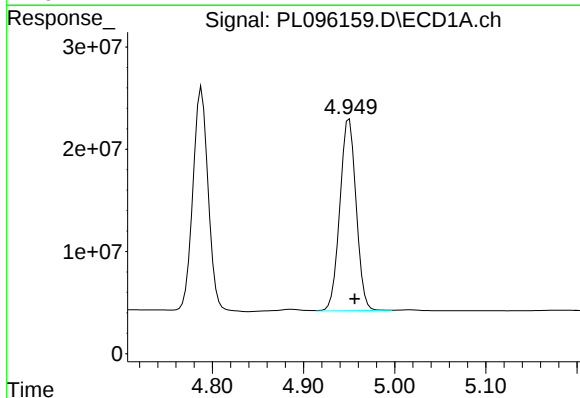
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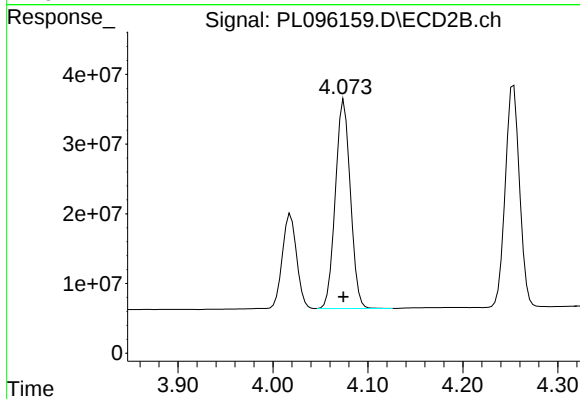
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.001 min
Response: 330487643
Conc: 52.52 ng/ml



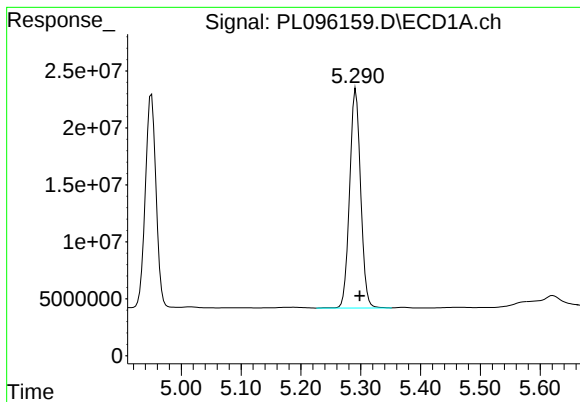
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: -0.006 min
Response: 232761165
Conc: 50.69 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 329345572
Conc: 52.21 ng/ml



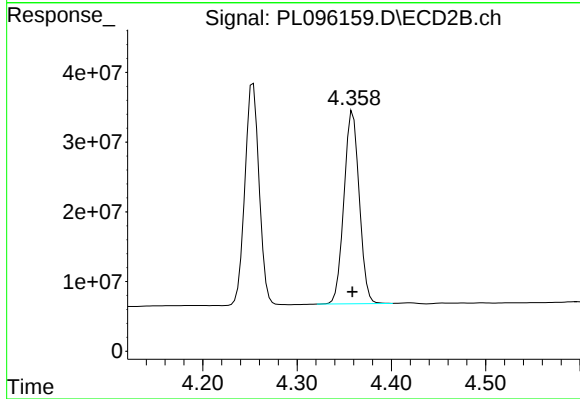
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: -0.006 min
Response: 245091043
Conc: 51.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

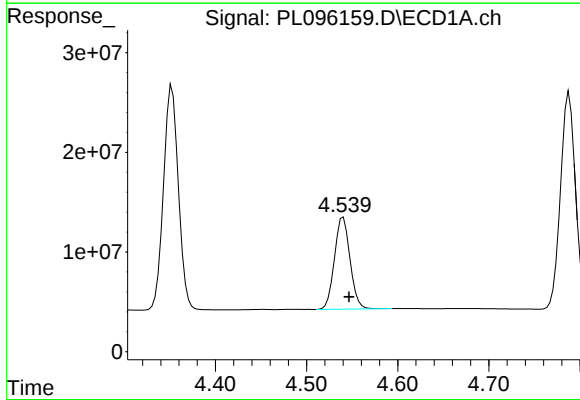
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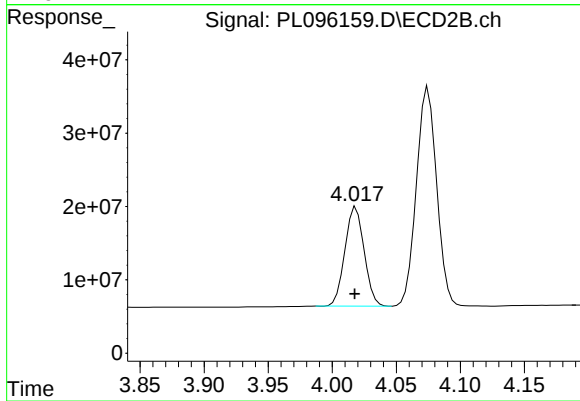
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 312123414
Conc: 52.79 ng/ml



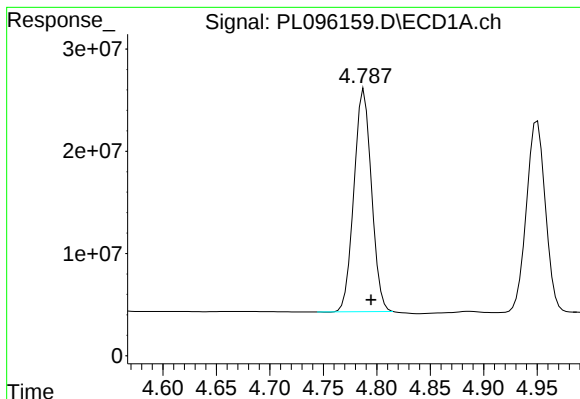
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: -0.006 min
Response: 109339741
Conc: 51.12 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 141358311
Conc: 51.26 ng/ml



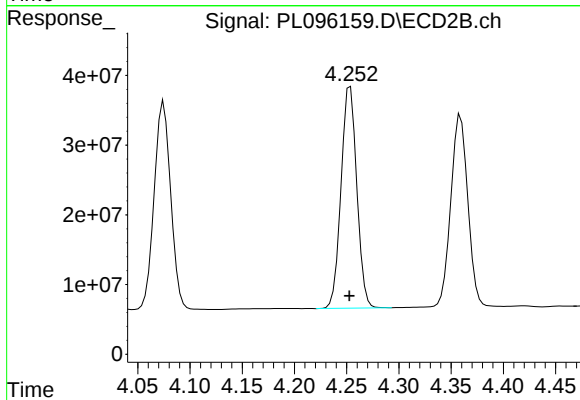
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: -0.006 min
Response: 248305234
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

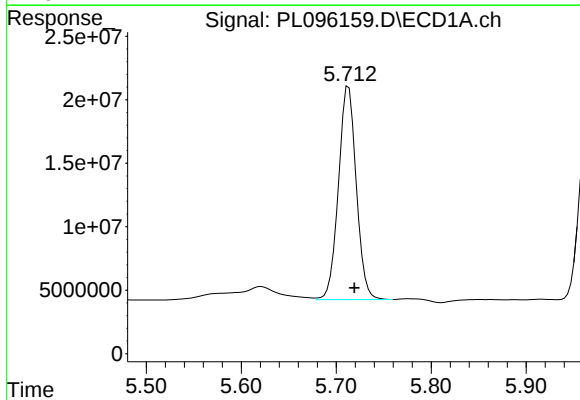
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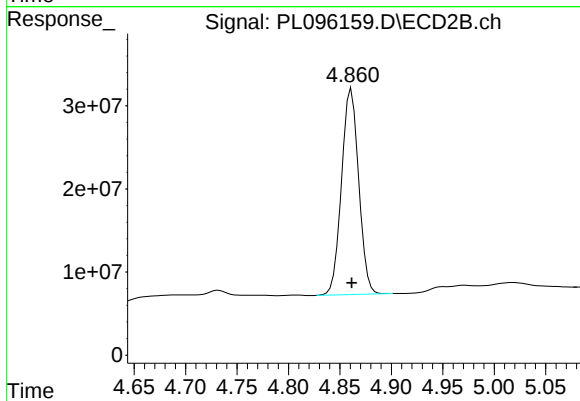
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 333022956
Conc: 52.96 ng/ml



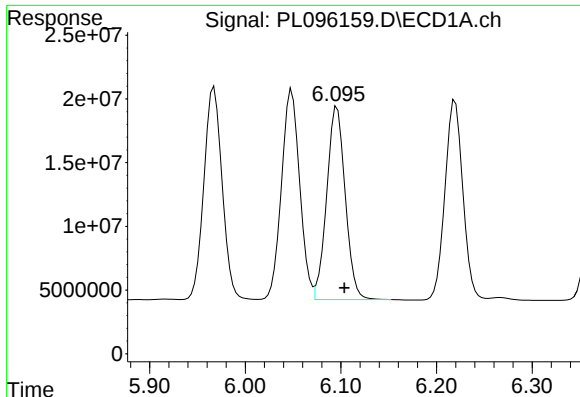
#8 Heptachlor epoxide

R.T.: 5.713 min
Delta R.T.: -0.006 min
Response: 219460814
Conc: 50.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 287671140
Conc: 50.11 ng/ml



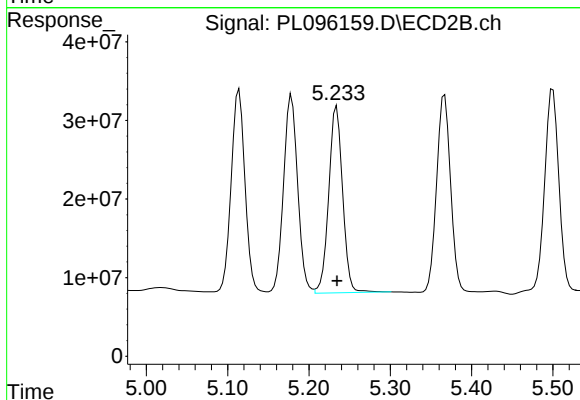
#9 Endosulfan I

R.T.: 6.096 min
Delta R.T.: -0.007 min
Response: 203397078
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

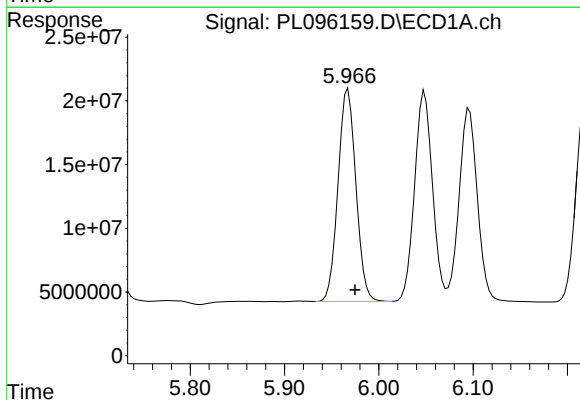
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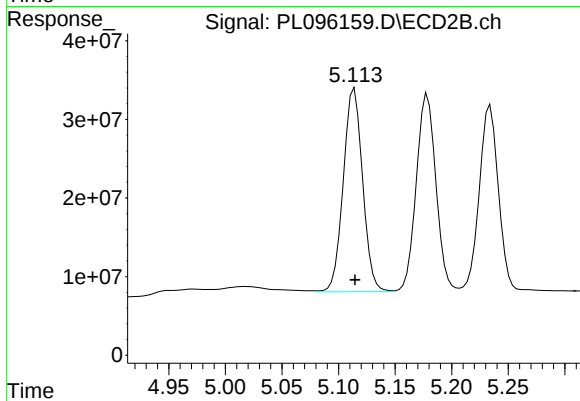
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 283823333
Conc: 47.75 ng/ml



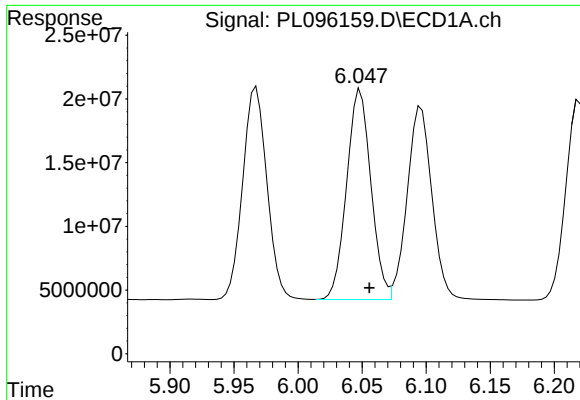
#10 gamma-Chlordane

R.T.: 5.967 min
Delta R.T.: -0.007 min
Response: 220478566
Conc: 50.69 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 307823242
Conc: 51.11 ng/ml m



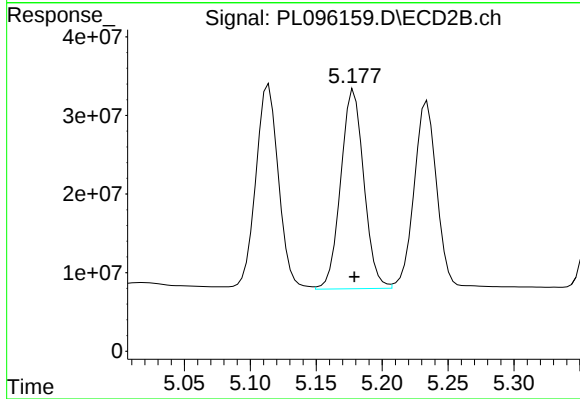
#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: -0.007 min
Response: 217983681
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

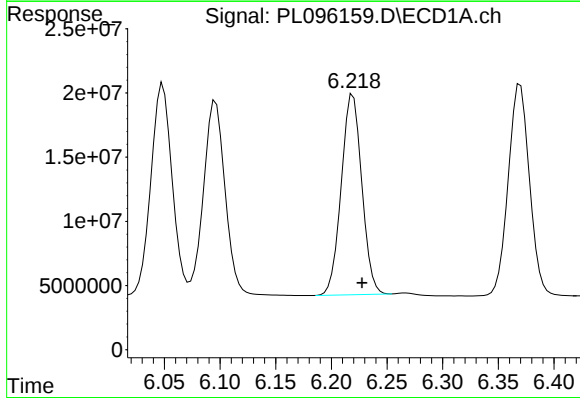
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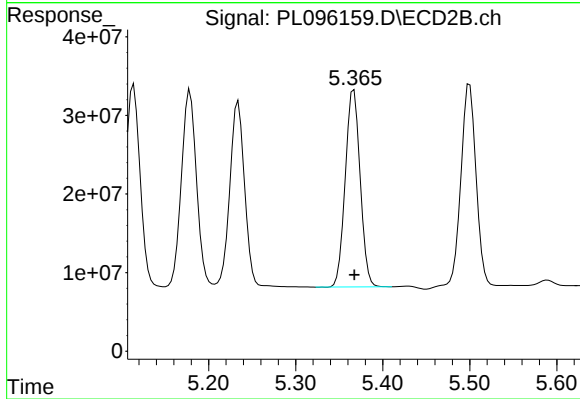
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 309257124
Conc: 50.15 ng/ml



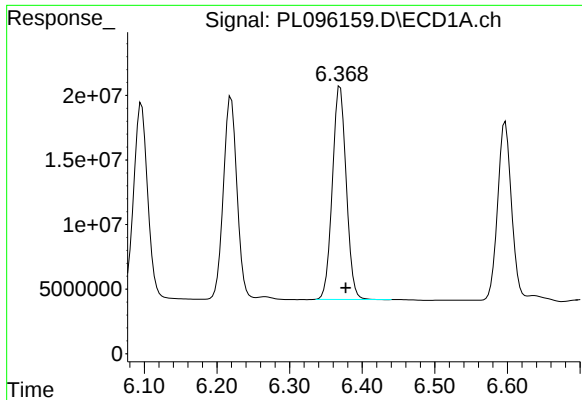
#12 4,4'-DDE

R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 200797245
Conc: 50.22 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 297676850
Conc: 50.60 ng/ml



#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: -0.008 min
Response: 219055835
Conc: 50.83 ng/ml

Instrument :

ECD_L

ClientSampleId :

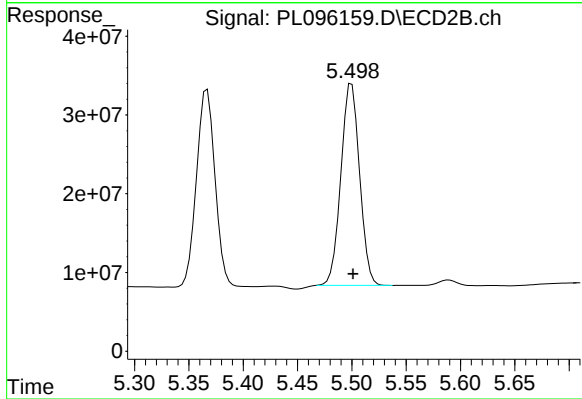
PSTDCCC050

Manual Integrations

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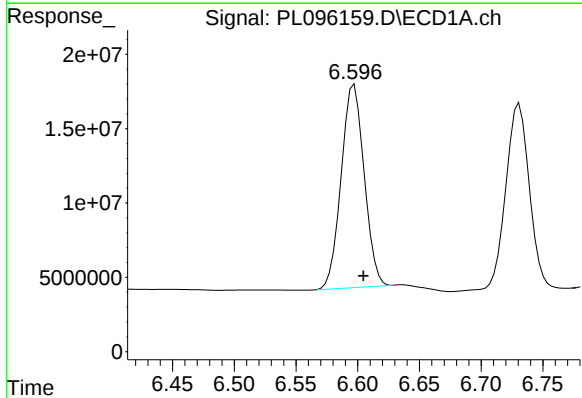
Reviewed By :Abdul Mirza 06/25/2025

Supervised By :mohammad ahmed 06/26/2025



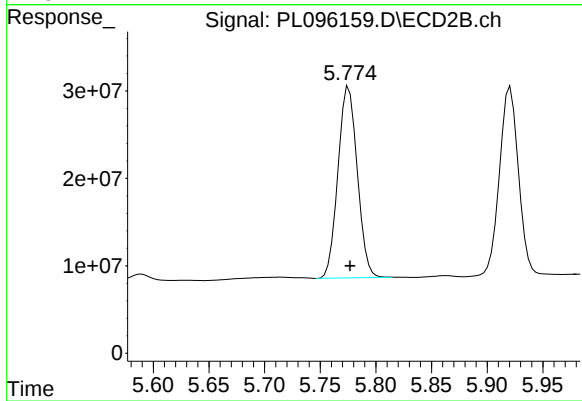
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 307299309
Conc: 51.81 ng/ml



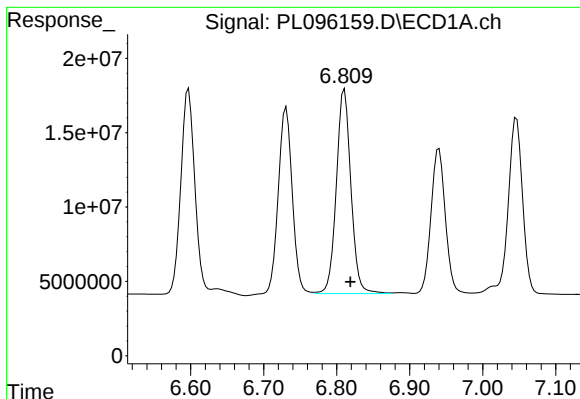
#14 Endrin

R.T.: 6.597 min
Delta R.T.: -0.008 min
Response: 176707640
Conc: 49.59 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 264509459
Conc: 48.40 ng/ml



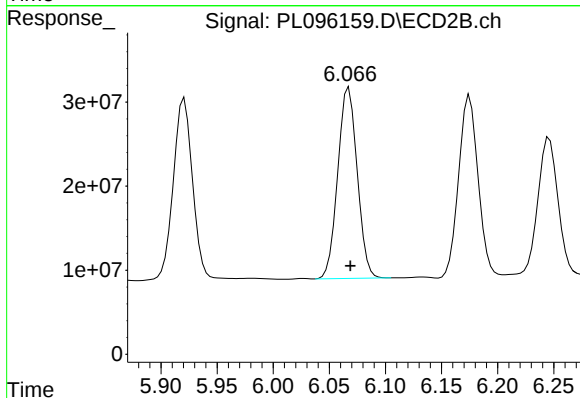
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: -0.008 min
Response: 190577157
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

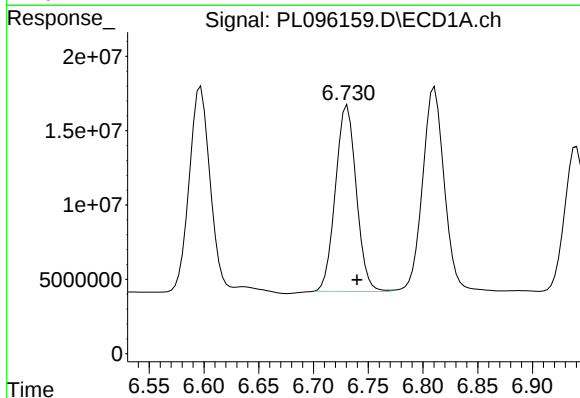
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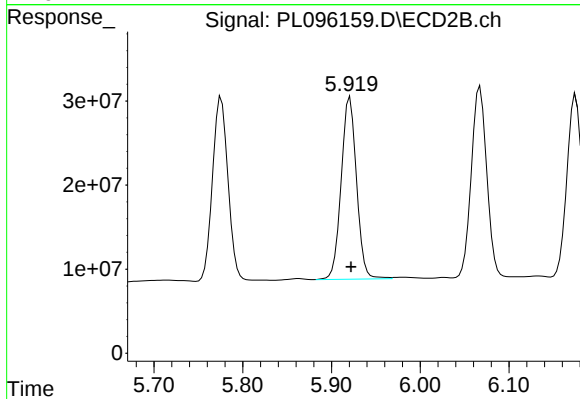
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 274071261
Conc: 51.26 ng/ml



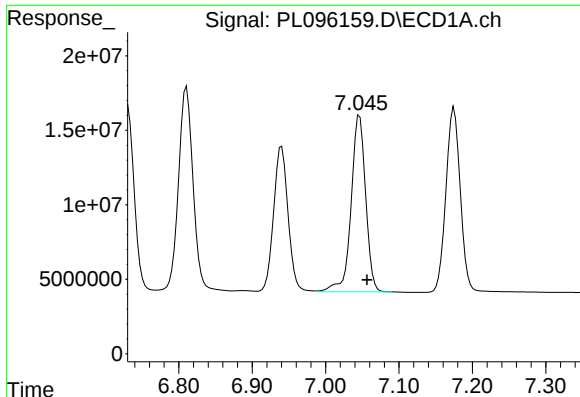
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.009 min
Response: 165707422
Conc: 50.37 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 260491059
Conc: 54.11 ng/ml



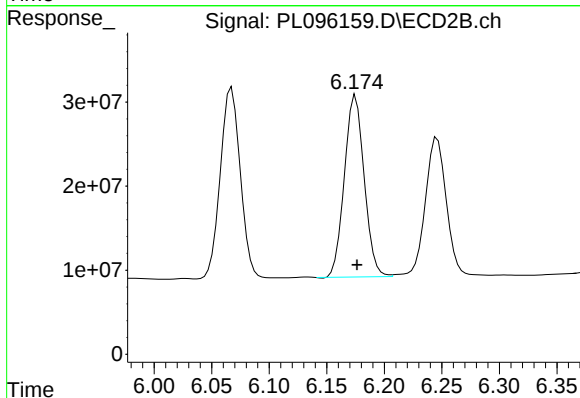
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.010 min
Response: 163142044
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

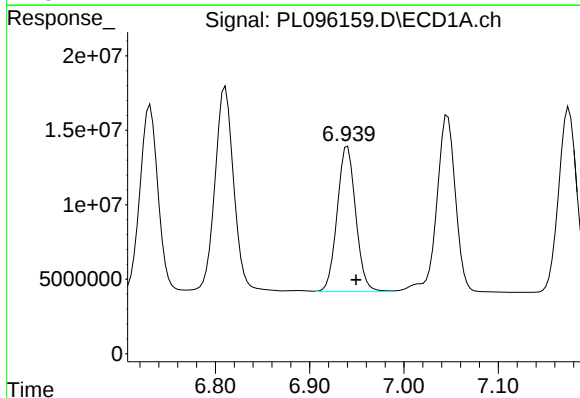
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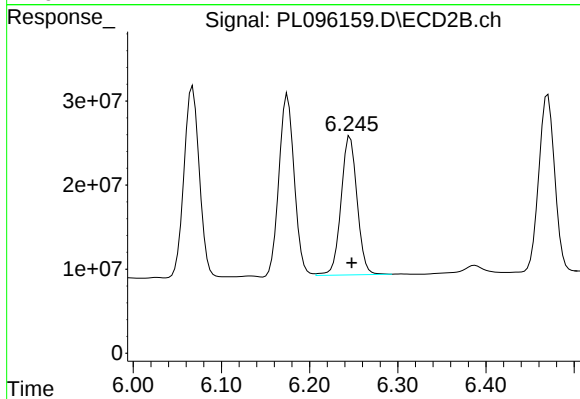
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.001 min
Response: 260013560
Conc: 47.36 ng/ml



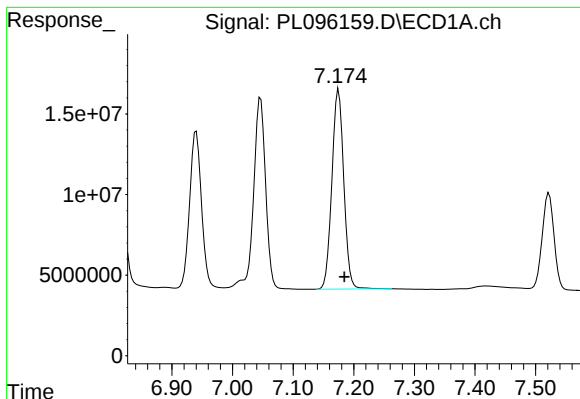
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: -0.009 min
Response: 133473629
Conc: 50.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 208288992
Conc: 49.82 ng/ml



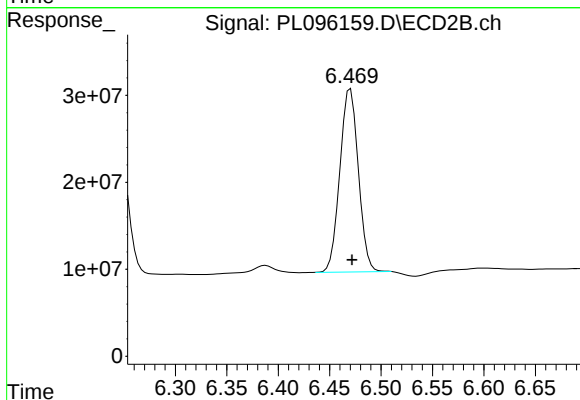
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.010 min
Response: 168979259
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

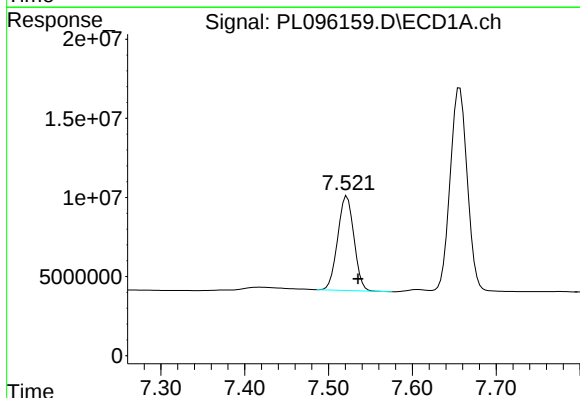
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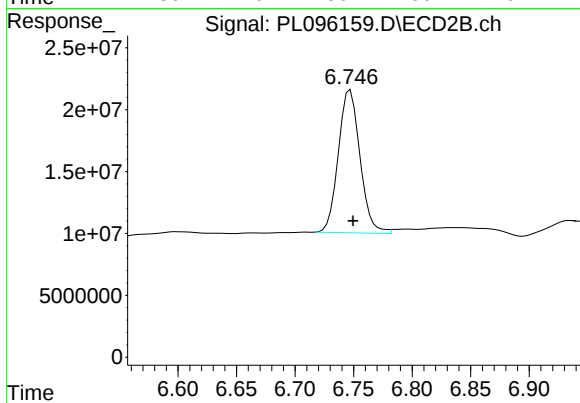
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 263971355
Conc: 51.55 ng/ml



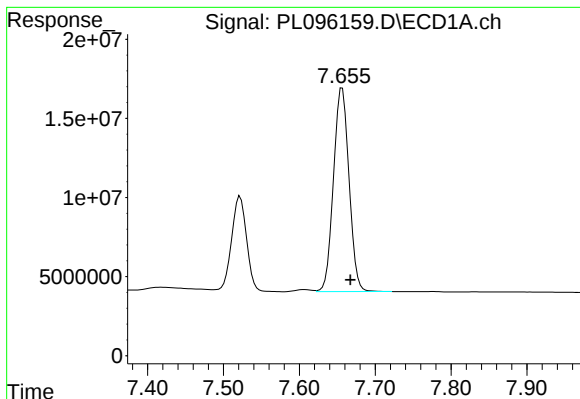
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.013 min
Response: 80307801
Conc: 48.77 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 148849128
Conc: 50.71 ng/ml



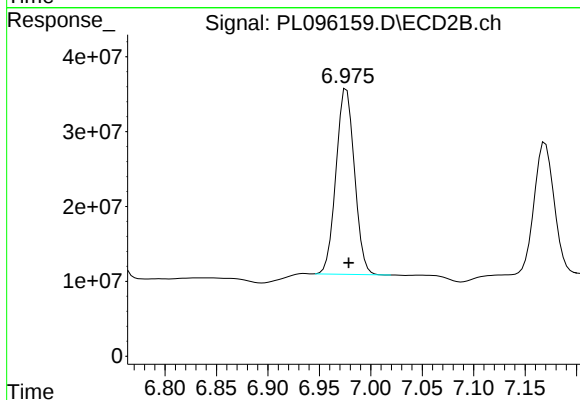
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.011 min
Response: 183412783
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

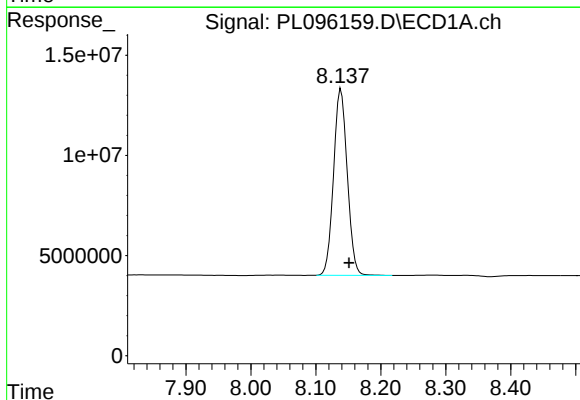
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



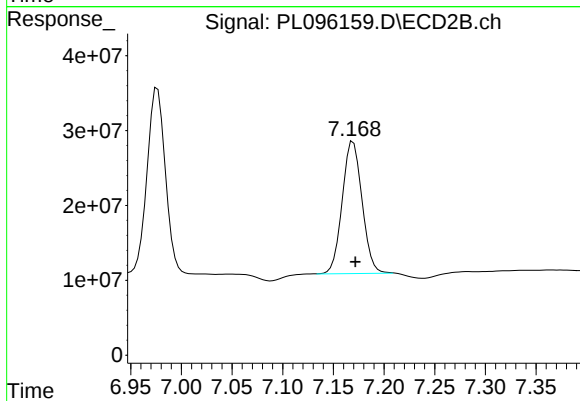
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.002 min
Response: 309154520
Conc: 51.73 ng/ml



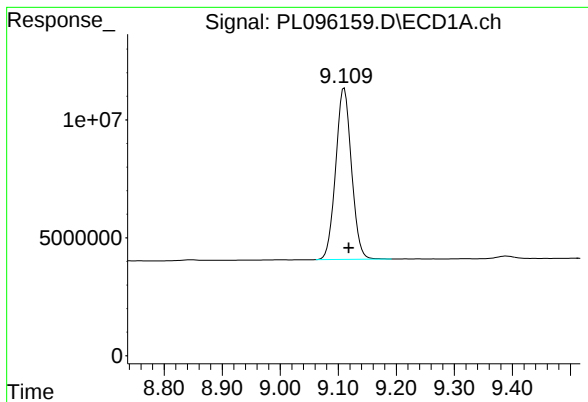
#22 Mirex

R.T.: 8.139 min
Delta R.T.: -0.012 min
Response: 135976433
Conc: 49.79 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 240793372
Conc: 50.36 ng/ml m



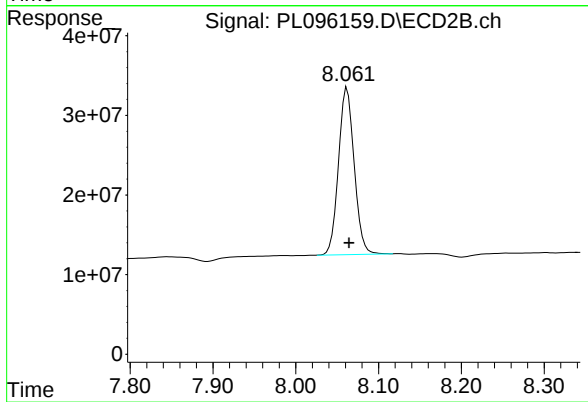
#28 Decachlorobiphenyl

R.T.: 9.110 min
Delta R.T.: -0.008 min
Response: 137400369
Conc: 51.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/26/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 276183387
Conc: 51.32 ng/ml