

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090925\
 Data File : PL097083.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 10:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/09/2025
 Supervised By : mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 05:38:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.527	2.820	201.3E6	282.4E6	51.046	50.099
28)	SA Decachlor...	9.005	7.983	145.1E6	241.8E6	49.009	50.413
Target Compounds							
2)	A alpha-BHC	3.975	3.326	311.0E6	429.0E6	53.671	52.241
3)	MA gamma-BHC...	4.303	3.658	292.7E6	397.3E6	53.587	53.933
4)	MA Heptachlor	4.894	4.006	299.9E6	386.6E6	56.243	51.379
5)	MB Aldrin	5.234	4.288	276.8E6	370.4E6	52.693	52.670
6)	B beta-BHC	4.490	3.954	119.1E6	166.6E6	52.094	51.075
7)	B delta-BHC	4.736	4.187	267.7E6	391.8E6	59.497	53.314
8)	B Heptachlo...	5.654	4.790	247.7E6	334.3E6	48.136	52.858
9)	A Endosulfan I	6.036	5.161	226.1E6	313.0E6	52.622	52.243
10)	B gamma-Chl...	5.906	5.042	249.0E6	354.6E6	54.059m	53.632
11)	B alpha-Chl...	5.988	5.107	245.1E6	347.4E6	52.074	53.198
12)	B 4,4'-DDE	6.159	5.296	201.4E6	324.5E6	50.467	52.721
13)	MA Dieldrin	6.308	5.425	238.5E6	343.7E6	52.532	52.452m
14)	MA Endrin	6.535	5.701	188.5E6	291.8E6	50.338	49.394
15)	B Endosulfa...	6.747	5.993	203.4E6	309.9E6	46.168	54.182
16)	A 4,4'-DDD	6.666	5.849	161.9E6	271.9E6	51.304m	52.070
17)	MA 4,4'-DDT	6.982	6.101	173.1E6	282.4E6	49.421	51.567
18)	B Endrin al...	6.877	6.171	137.2E6	207.2E6	52.723	49.812
19)	B Endosulfa...	7.110	6.395	178.1E6	284.4E6	51.862	50.757
20)	A Methoxychlor	7.455	6.673	82200740	145.2E6	47.364	48.394
21)	B Endrin ke...	7.590	6.899	191.8E6	329.8E6	53.938	52.698
22)	Mirex	8.068	7.089	152.8E6	250.0E6	51.081	51.475

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090925\
Data File : PL097083.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 10:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

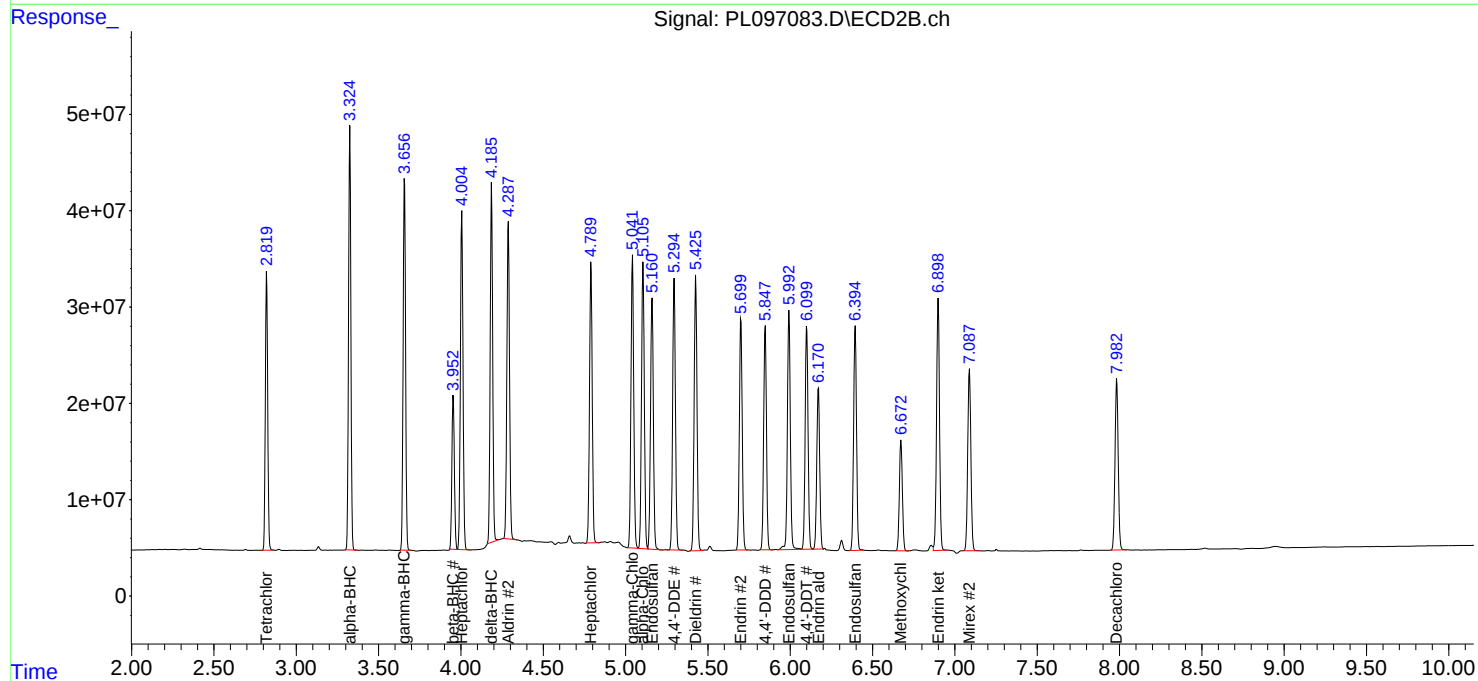
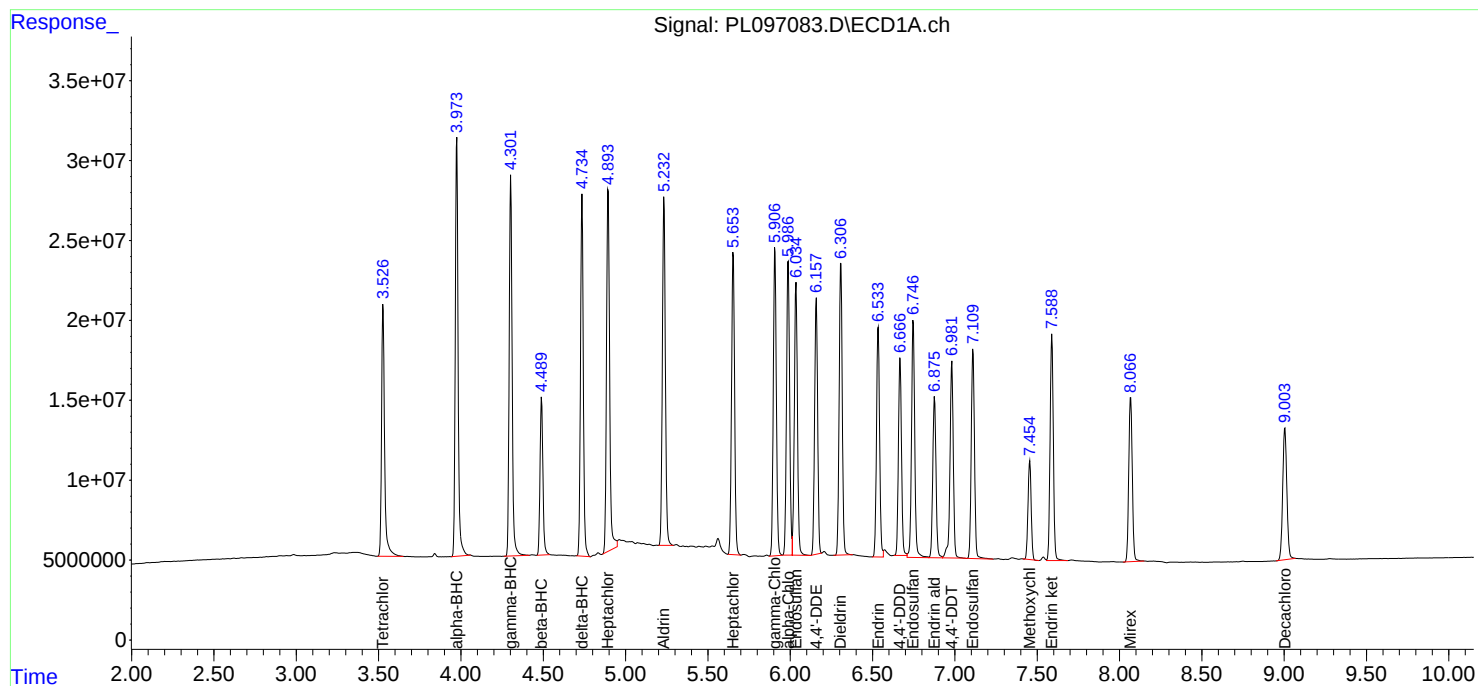
APPROVED

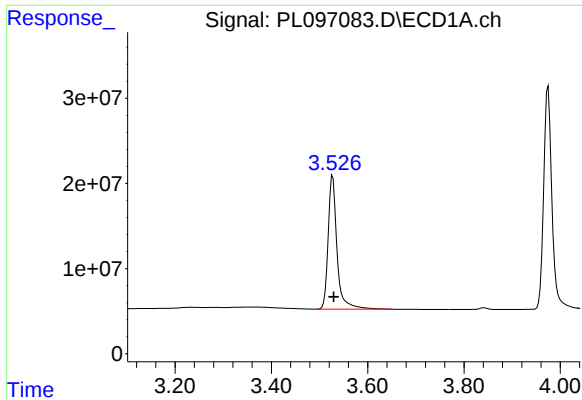
Reviewed By :Abdul Mirza 09/09/2025

Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 05:38:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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





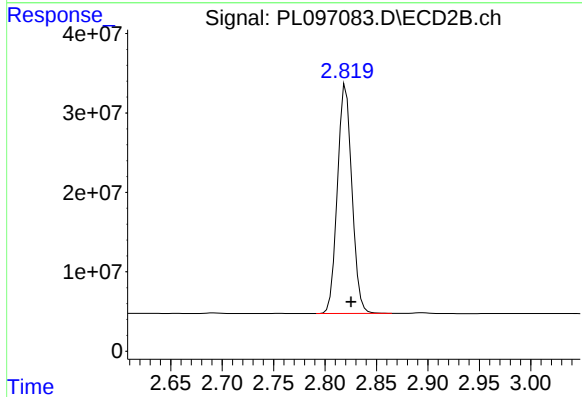
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 201319594
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

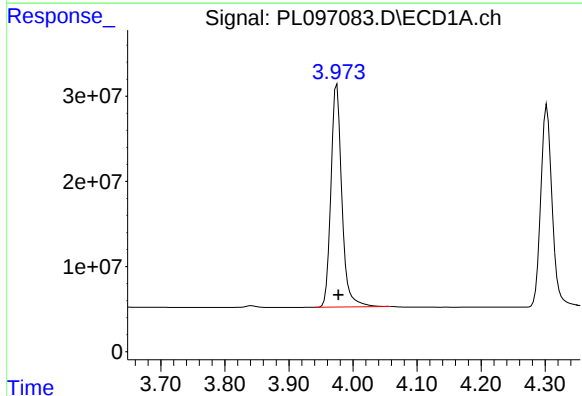
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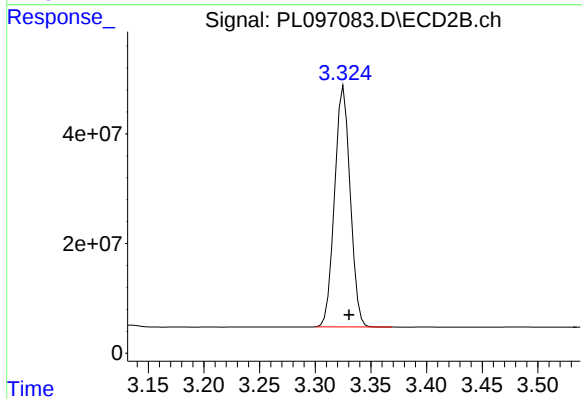
#1 Tetrachloro-m-xylene

R.T.: 2.820 min
Delta R.T.: -0.005 min
Response: 282391920
Conc: 50.10 ng/ml



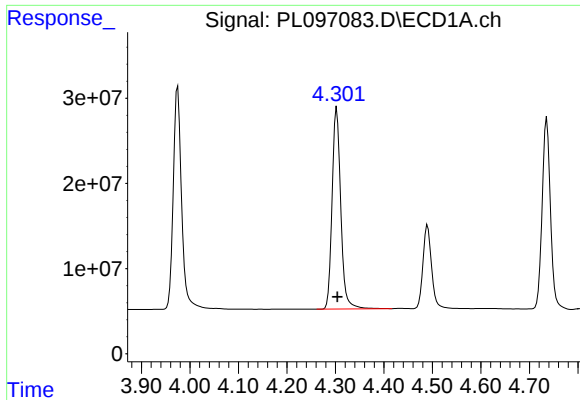
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.002 min
Response: 310973430
Conc: 53.67 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: -0.005 min
Response: 428965435
Conc: 52.24 ng/ml



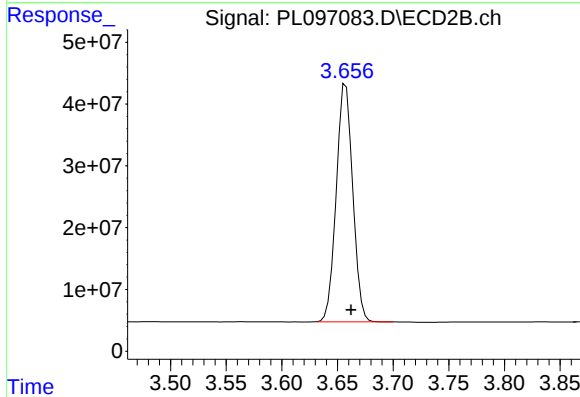
#3 gamma-BHC (Lindane)

R.T.: 4.303 min
Delta R.T.: -0.002 min
Response: 292680884
Conc: 53.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

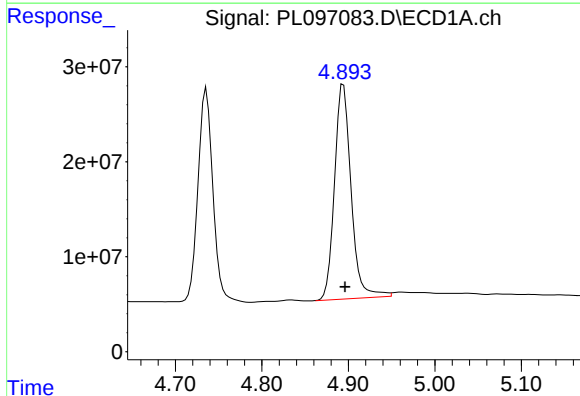
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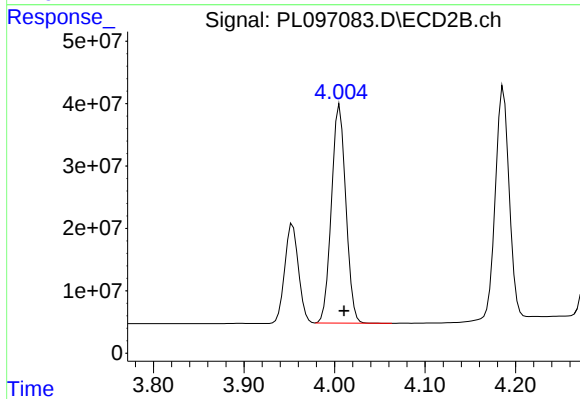
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.005 min
Response: 397299024
Conc: 53.93 ng/ml



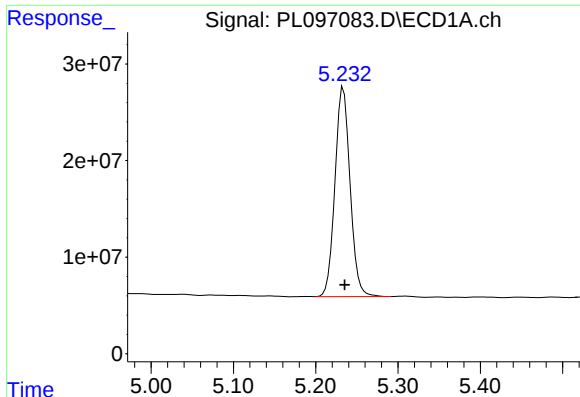
#4 Heptachlor

R.T.: 4.894 min
Delta R.T.: -0.002 min
Response: 299909353
Conc: 56.24 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.005 min
Response: 386587484
Conc: 51.38 ng/ml



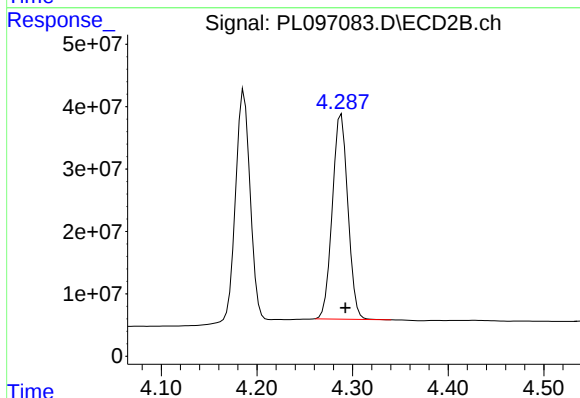
#5 Aldrin

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 276820596
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

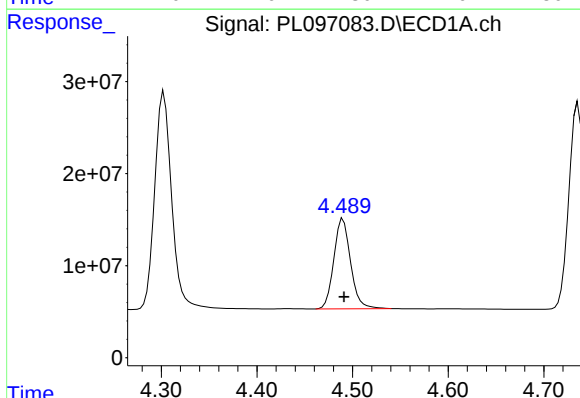
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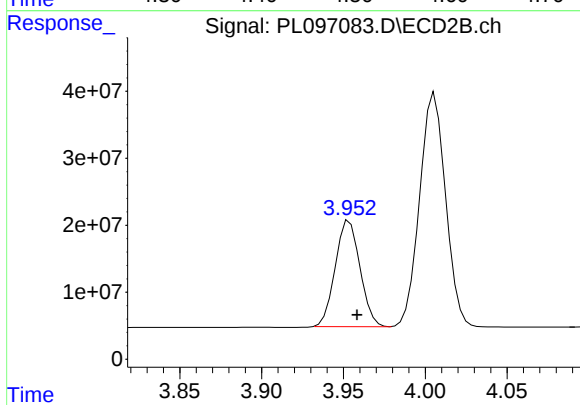
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.004 min
Response: 370421509
Conc: 52.67 ng/ml



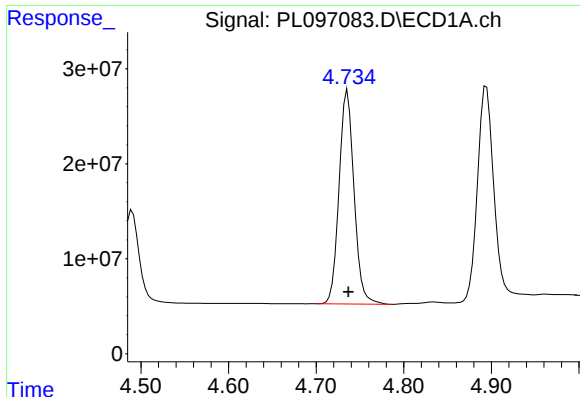
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.001 min
Response: 119141045
Conc: 52.09 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.005 min
Response: 166620118
Conc: 51.07 ng/ml



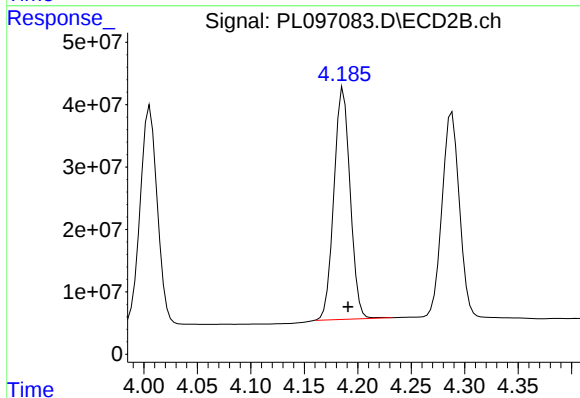
#7 delta-BHC

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 267734889
Conc: 59.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

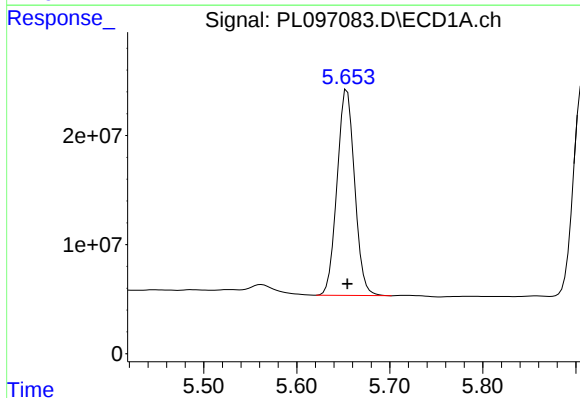
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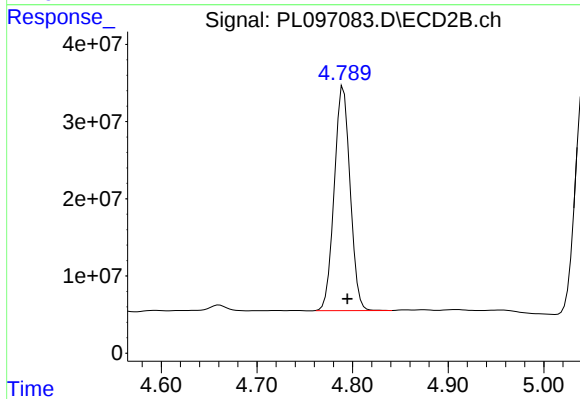
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 391799012
Conc: 53.31 ng/ml



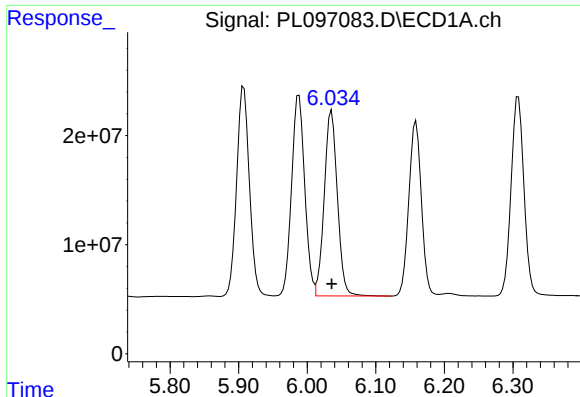
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 247699782
Conc: 48.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.004 min
Response: 334324793
Conc: 52.86 ng/ml



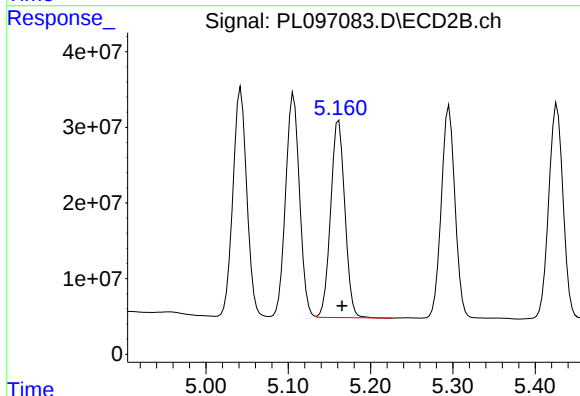
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 226106903
Conc: 52.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

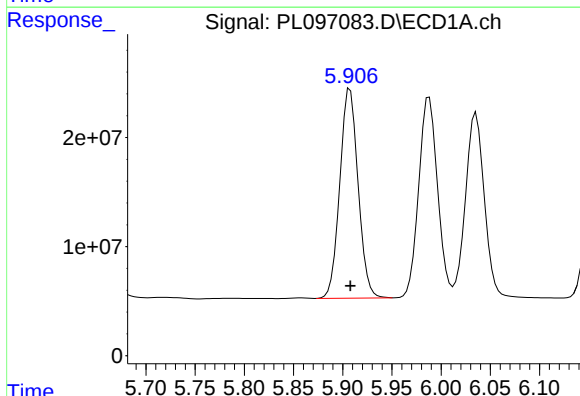
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Reviewed By :Abdul Mirza 09/09/2025
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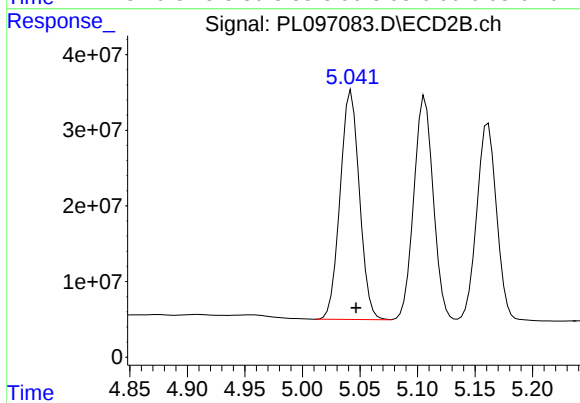
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.004 min
Response: 313002477
Conc: 52.24 ng/ml



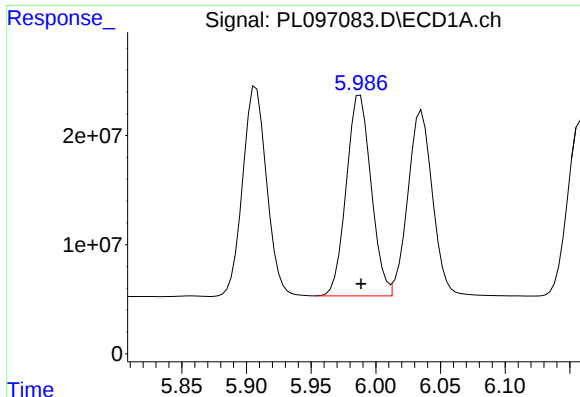
#10 gamma-Chlordane

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 248967695
Conc: 54.06 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.004 min
Response: 354569149
Conc: 53.63 ng/ml



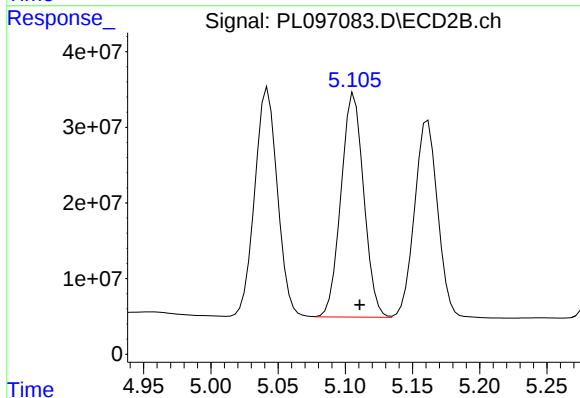
#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 245056447
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

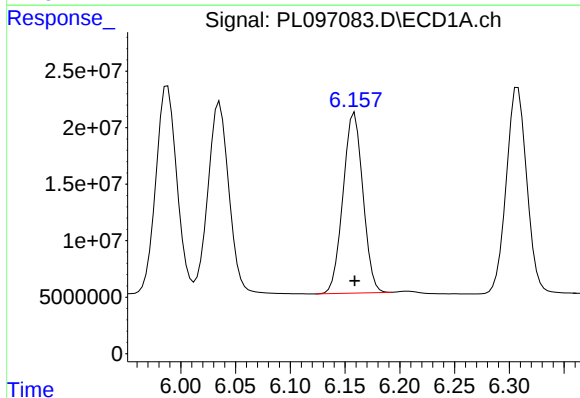
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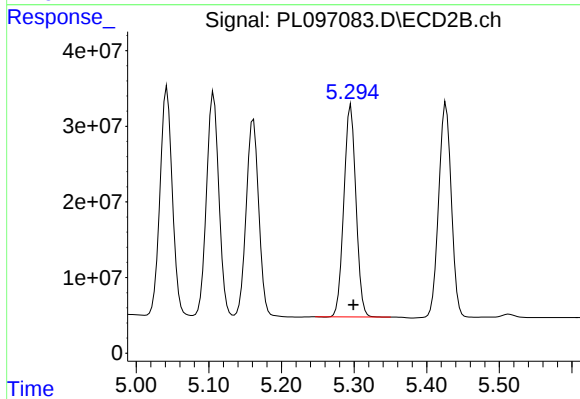
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 347369948
Conc: 53.20 ng/ml



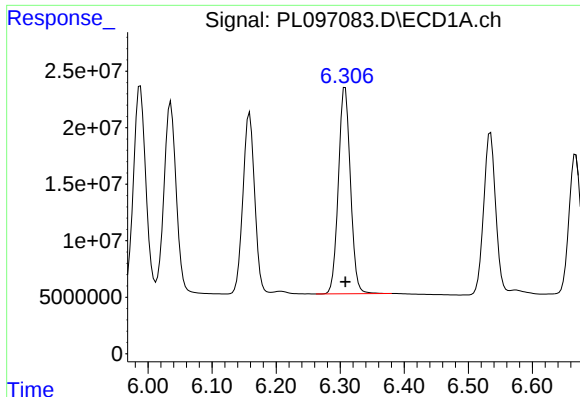
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 201367829
Conc: 50.47 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.004 min
Response: 324481122
Conc: 52.72 ng/ml



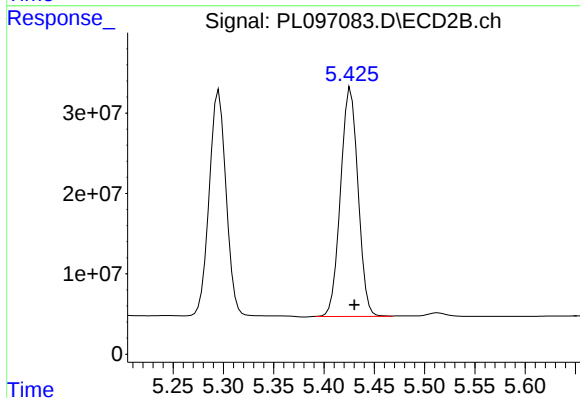
#13 Dieldrin

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 238537202
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

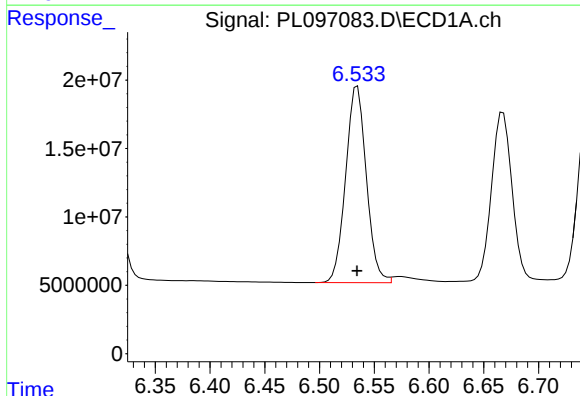
Manual Integrations
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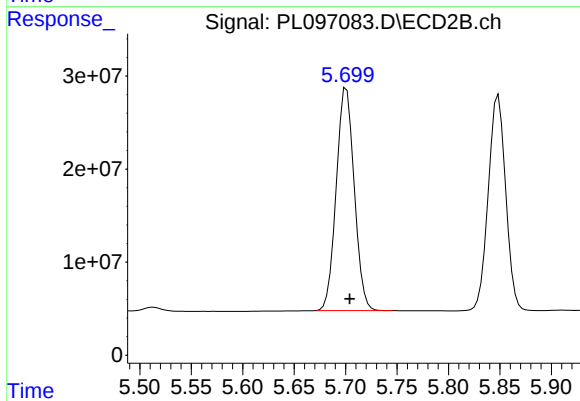
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.005 min
Response: 343720284
Conc: 52.45 ng/ml m



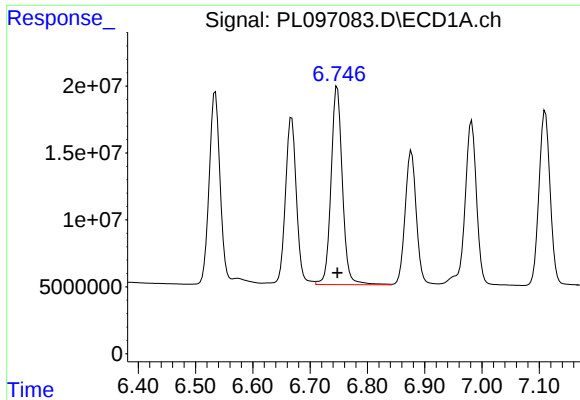
#14 Endrin

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 188510154
Conc: 50.34 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 291778599
Conc: 49.39 ng/ml



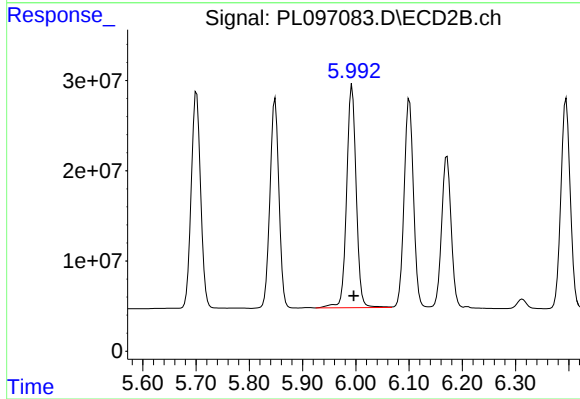
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 203372268
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

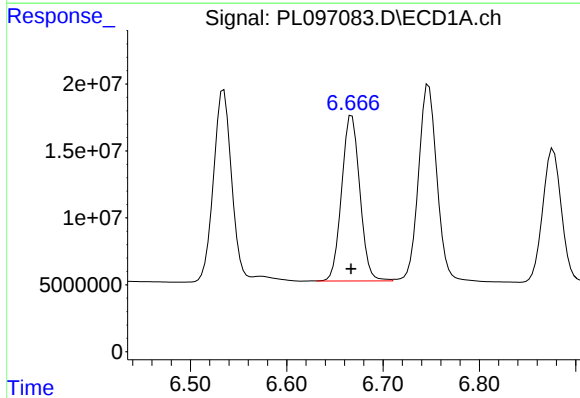
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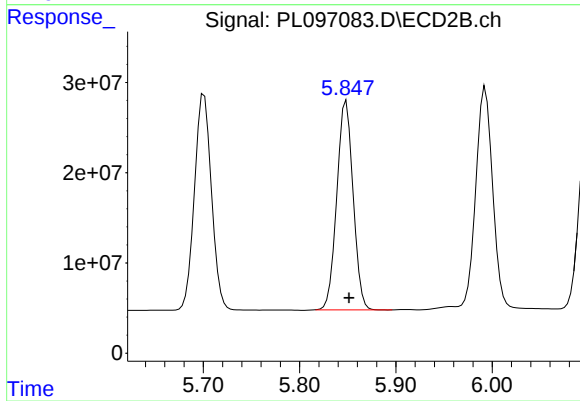
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 309852479
Conc: 54.18 ng/ml



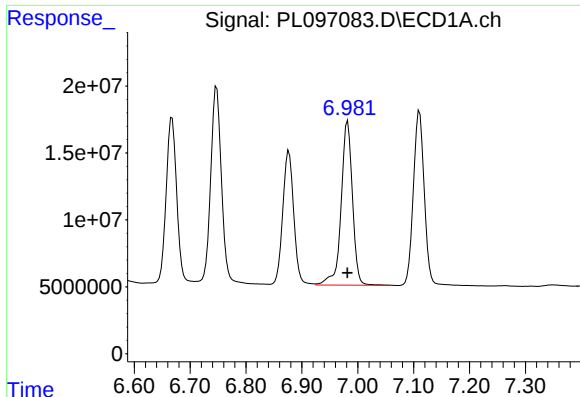
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 161904680
Conc: 51.30 ng/ml m



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 271927471
Conc: 52.07 ng/ml



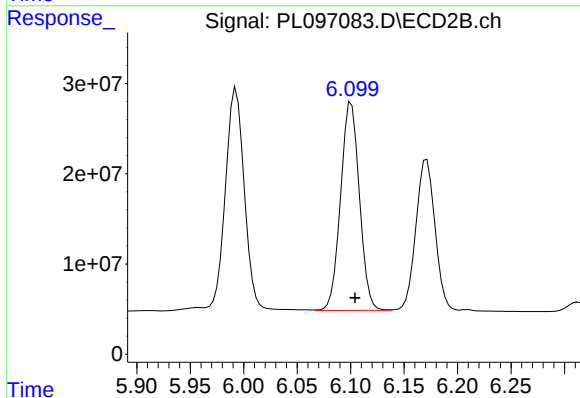
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 173093833
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

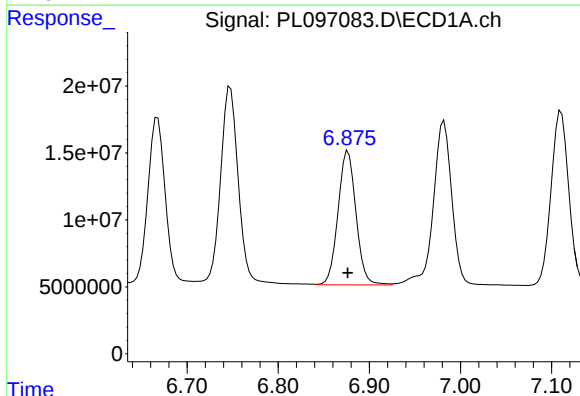
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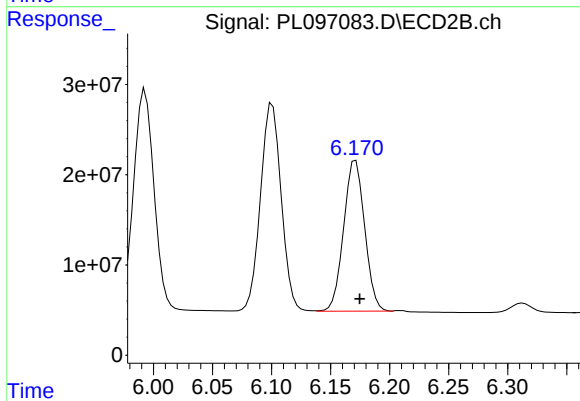
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 282444165
Conc: 51.57 ng/ml



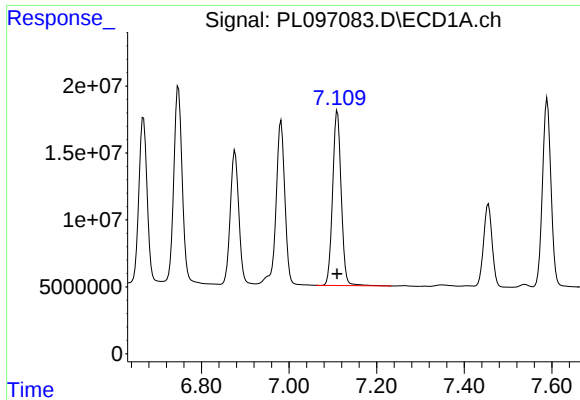
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 137156511
Conc: 52.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 207161504
Conc: 49.81 ng/ml



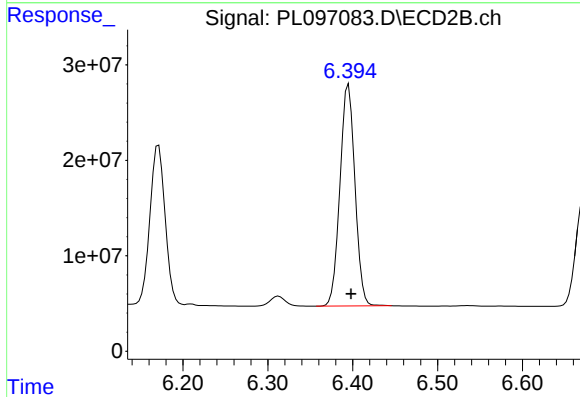
#19 Endosulfan Sulfate

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 178061878
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

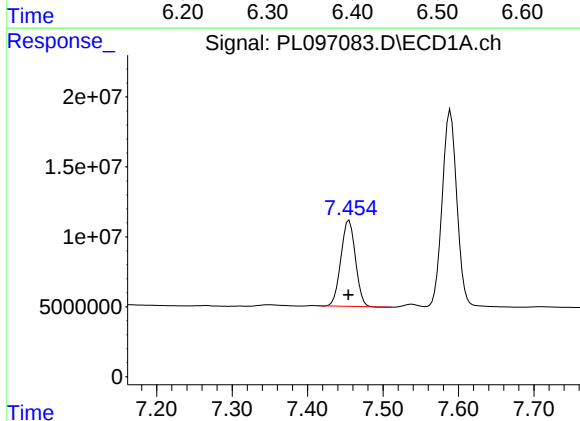
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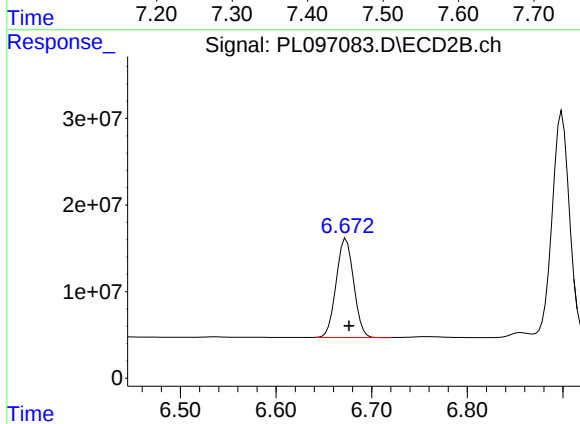
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: -0.003 min
Response: 284391214
Conc: 50.76 ng/ml



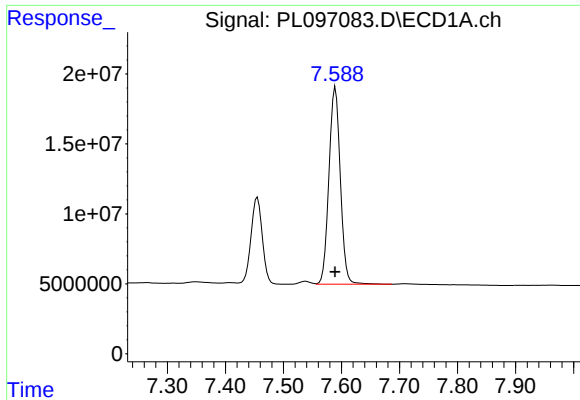
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 82200740
Conc: 47.36 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 145172280
Conc: 48.39 ng/ml



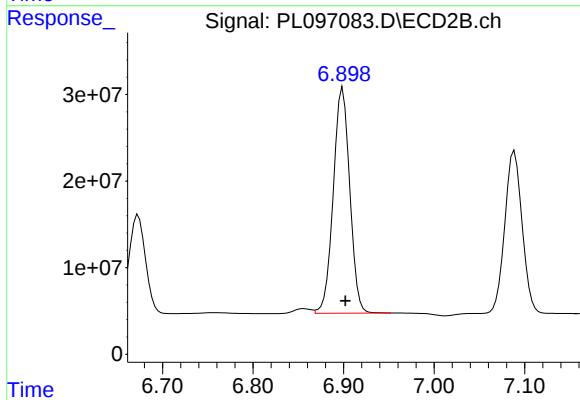
#21 Endrin ketone

R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 191764326
Conc: 53.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

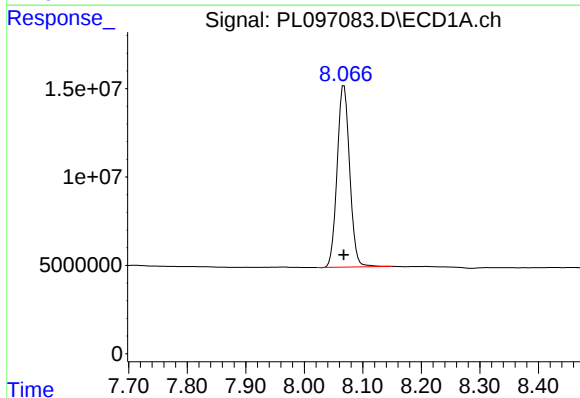
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/09/2025
Supervised By :mohammad ahmed 09/12/2025



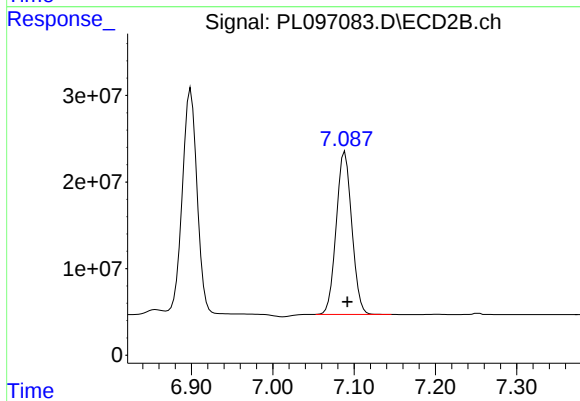
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 329831040
Conc: 52.70 ng/ml



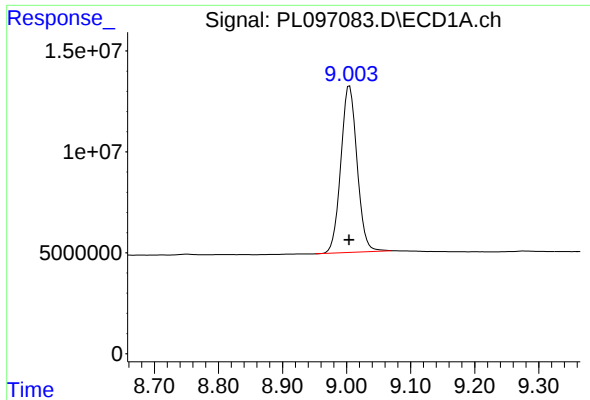
#22 Mirex

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 152830023
Conc: 51.08 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 249993969
Conc: 51.48 ng/ml



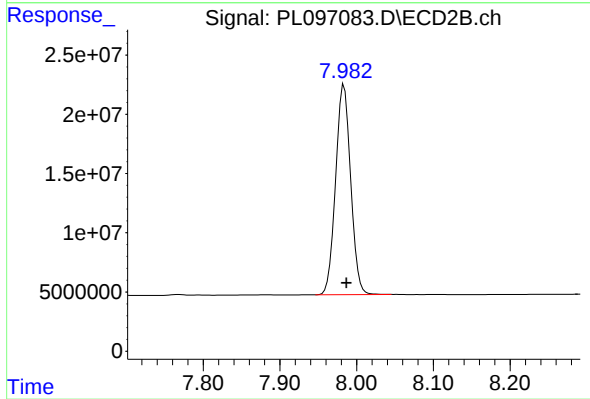
#28 Decachlorobiphenyl

R.T.: 9.005 min
Delta R.T.: 0.000 min
Response: 145099931
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/09/2025
Supervised By :mohammad ahmed 09/12/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.003 min
Response: 241771044
Conc: 50.41 ng/ml