

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
 Data File : PL097559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2025 21:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 04:05:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 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...	3.526	2.824	200.4E6	291.8E6	49.153	47.946
28)	SA Decachlor...	8.996	7.982	141.2E6	209.0E6	47.475	40.273
Target Compounds							
2)	A alpha-BHC	3.973	3.328	333.6E6	482.7E6	49.459	48.918
3)	MA gamma-BHC...	4.300	3.660	312.8E6	445.4E6	49.206	48.483
4)	MA Heptachlor	4.890	4.007	297.2E6	421.6E6	46.076	45.862
5)	MB Aldrin	5.230	4.289	292.1E6	419.3E6	48.588	48.351
6)	B beta-BHC	4.488	3.956	129.4E6	189.0E6	50.063	47.521
7)	B delta-BHC	4.733	4.188	299.6E6	441.2E6	49.343	48.839
8)	B Heptachlo...	5.649	4.791	263.7E6	376.9E6	45.290	47.716
9)	A Endosulfan I	6.030	5.162	231.9E6	352.7E6	46.640	47.830
10)	B gamma-Chl...	5.903	5.043	258.2E6	411.1E6	47.572	47.295
11)	B alpha-Chl...	5.983	5.106	252.6E6	393.0E6	46.552	47.193
12)	B 4,4'-DDE	6.153	5.295	221.2E6	362.7E6	47.504	47.773
13)	MA Dieldrin	6.303	5.426	246.8E6	380.5E6	46.910	46.021
14)	MA Endrin	6.528	5.700	197.0E6	326.8E6	44.037	44.151
15)	B Endosulfa...	6.742	5.992	210.9E6	314.2E6	43.117	45.498
16)	A 4,4'-DDD	6.663	5.848	181.3E6	299.1E6	48.052	46.894
17)	MA 4,4'-DDT	6.976	6.100	175.8E6	280.2E6	43.353	42.054
18)	B Endrin al...	6.871	6.170	155.3E6	235.2E6	47.385	40.852
19)	B Endosulfa...	7.105	6.394	184.8E6	294.6E6	46.075	44.252
20)	A Methoxychlor	7.449	6.670	86496875	146.1E6	41.406	40.092m
21)	B Endrin ke...	7.584	6.898	199.1E6	317.2E6	46.490	40.157
22)	Mirex	8.062	7.087	138.4E6	218.2E6	44.554	40.778

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 21:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

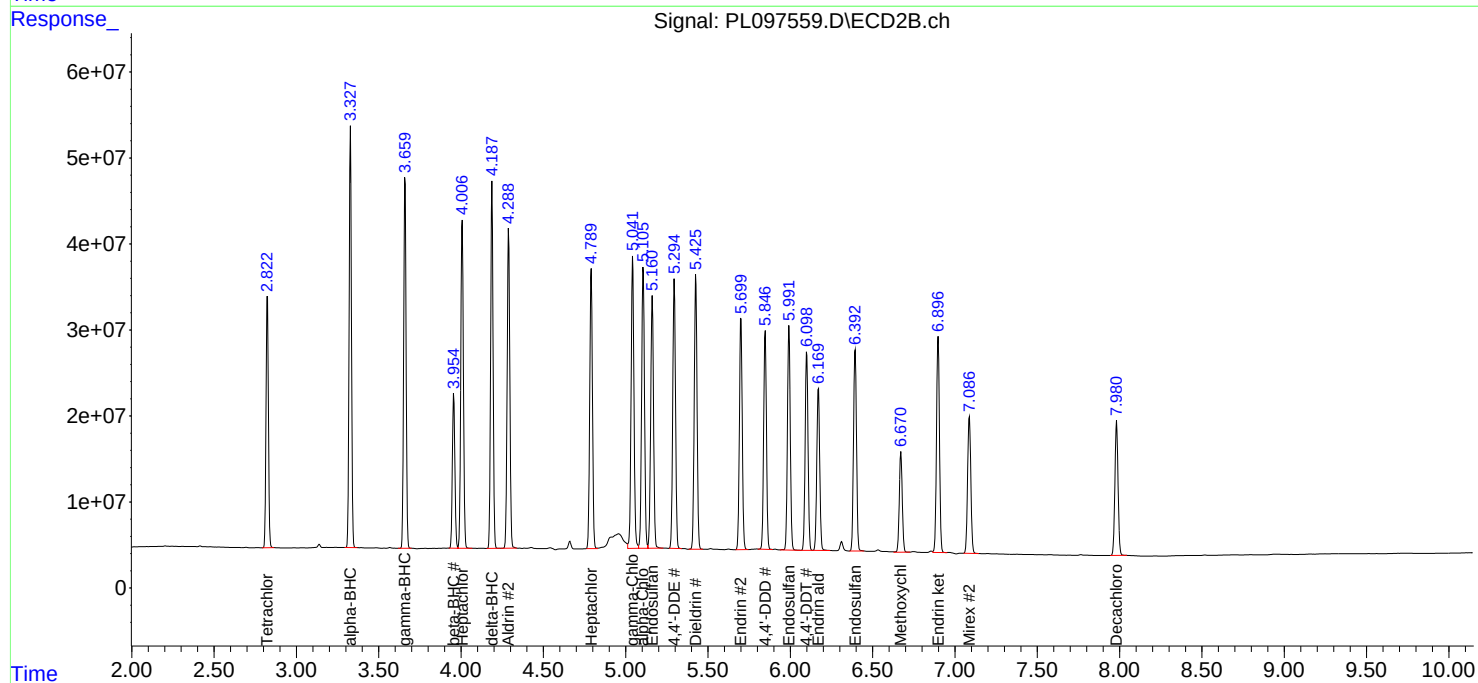
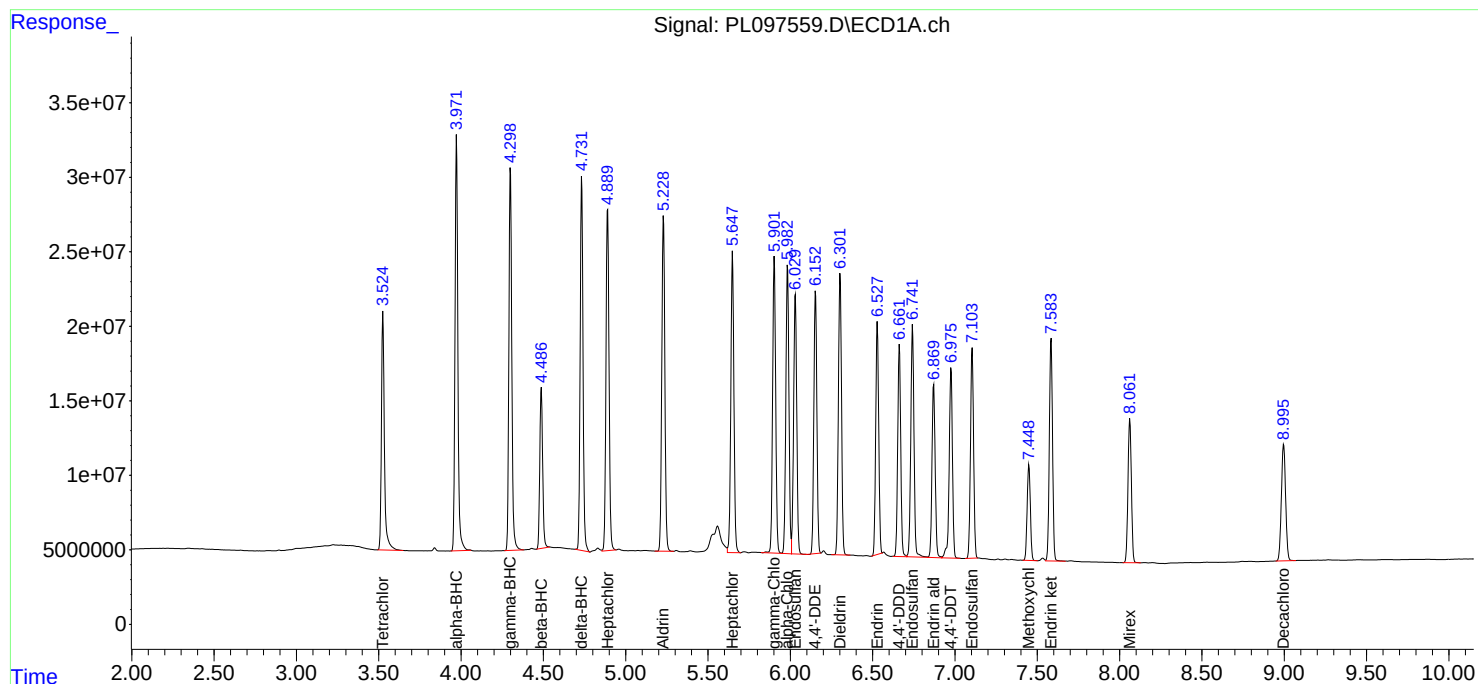
APPROVED

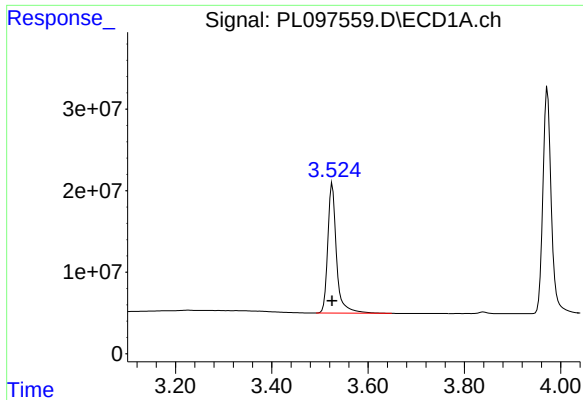
Reviewed By :Abdul Mirza 10/08/2025

Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 08 04:05:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 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





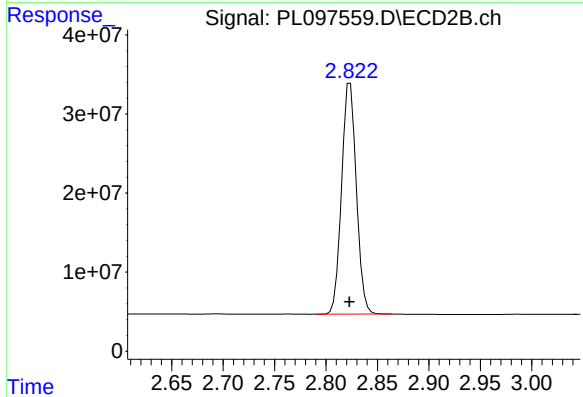
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 200383714
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

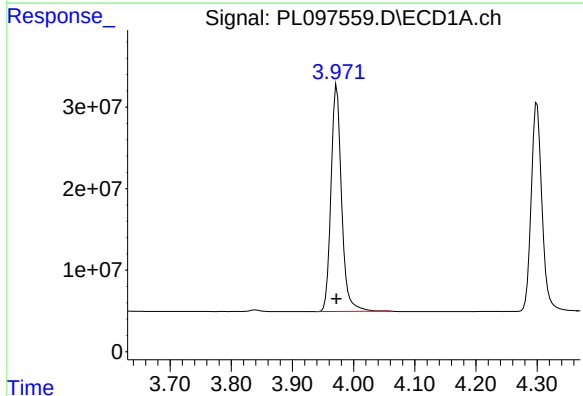
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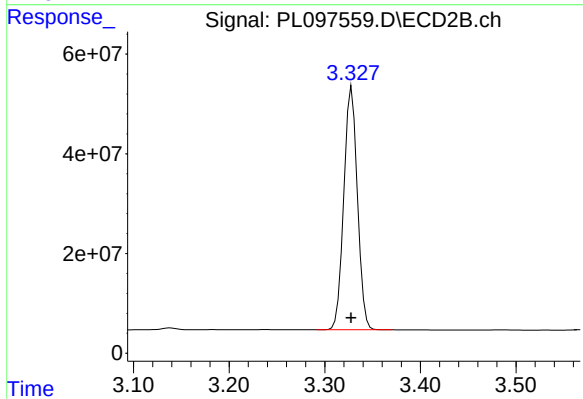
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 291821124
Conc: 47.95 ng/ml



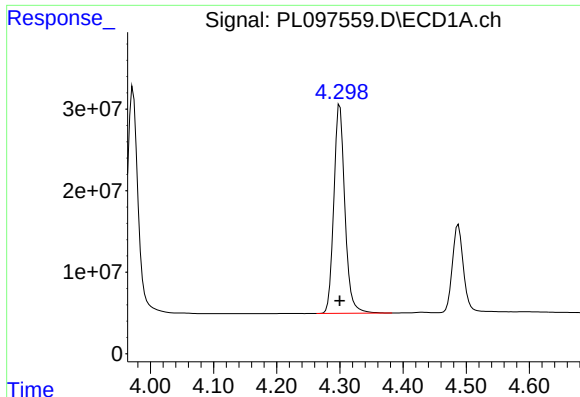
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: 0.000 min
Response: 333635886
Conc: 49.46 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 482674072
Conc: 48.92 ng/ml



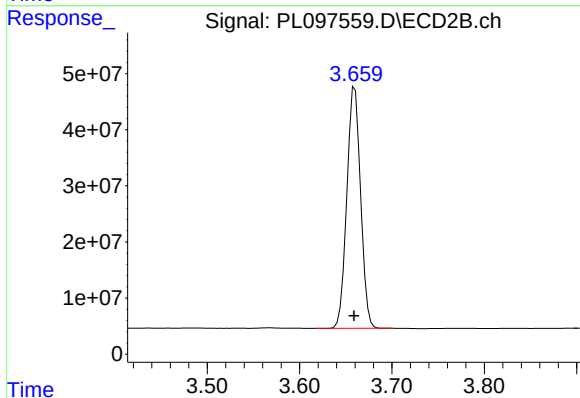
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 312768061
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

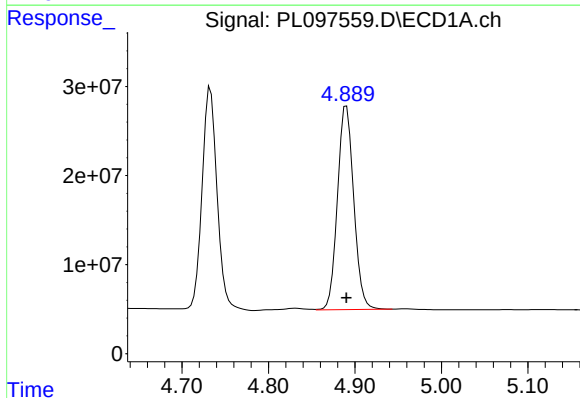
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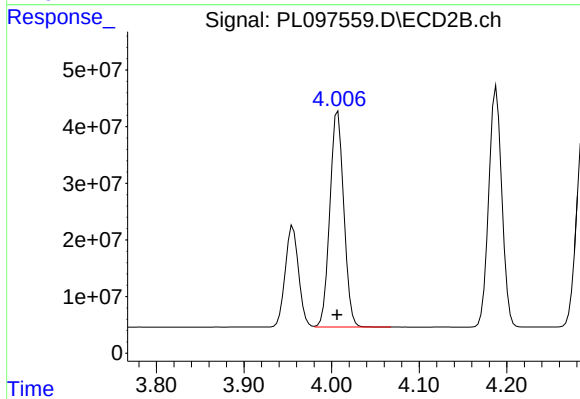
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 445428773
Conc: 48.48 ng/ml



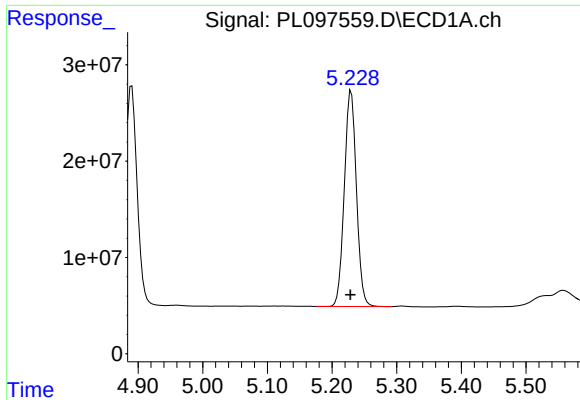
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 297219875
Conc: 46.08 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 421575454
Conc: 45.86 ng/ml



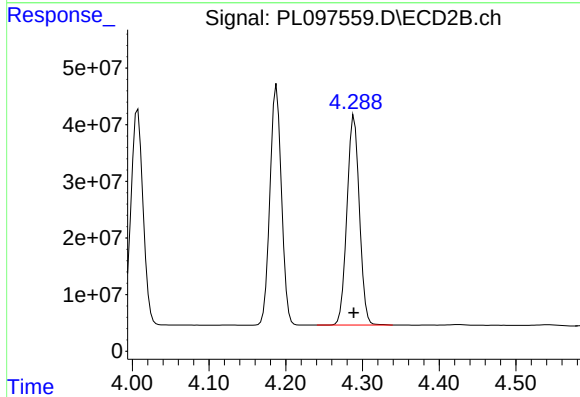
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 292142155
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

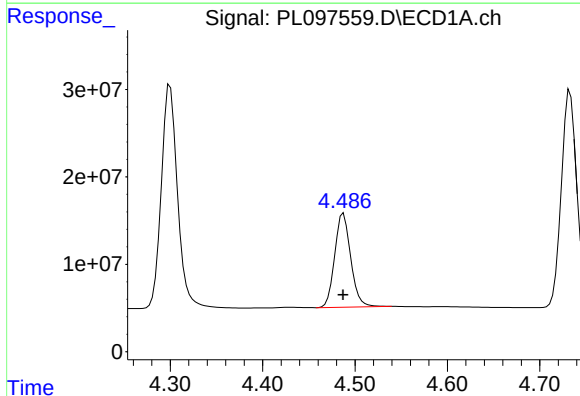
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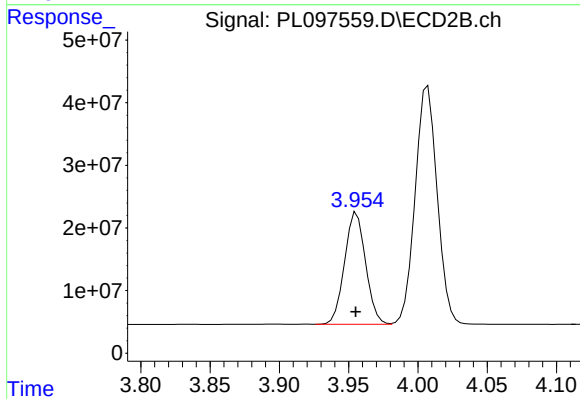
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 419291969
Conc: 48.35 ng/ml



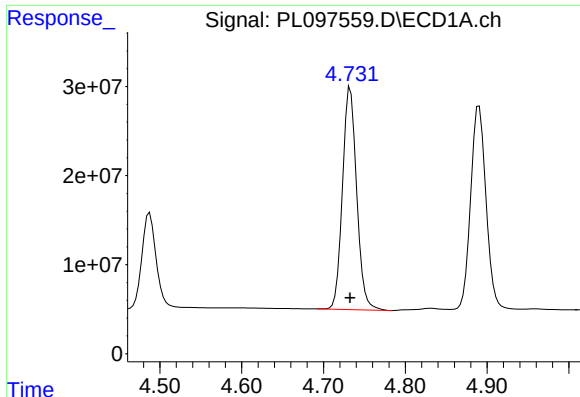
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 129435855
Conc: 50.06 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 189045947
Conc: 47.52 ng/ml



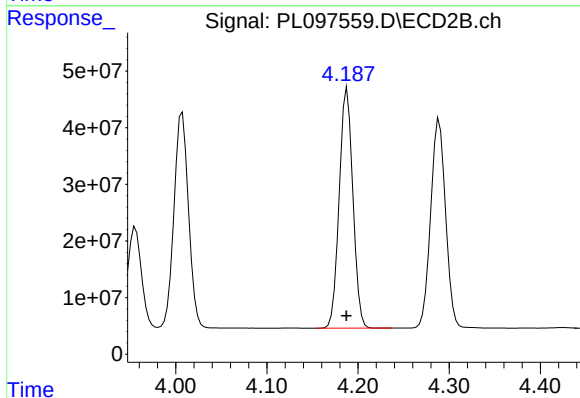
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 299643483
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

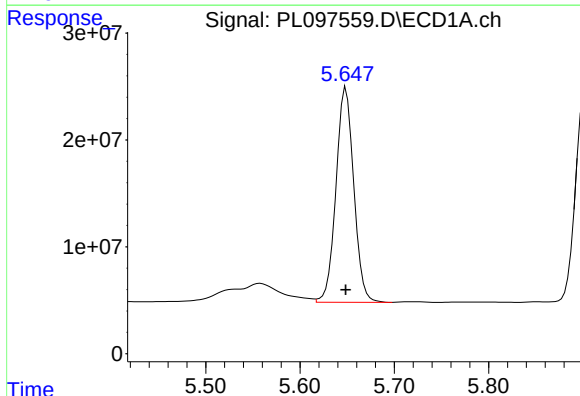
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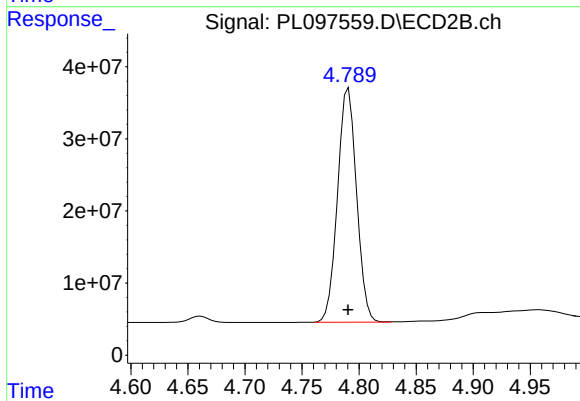
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 441213006
Conc: 48.84 ng/ml



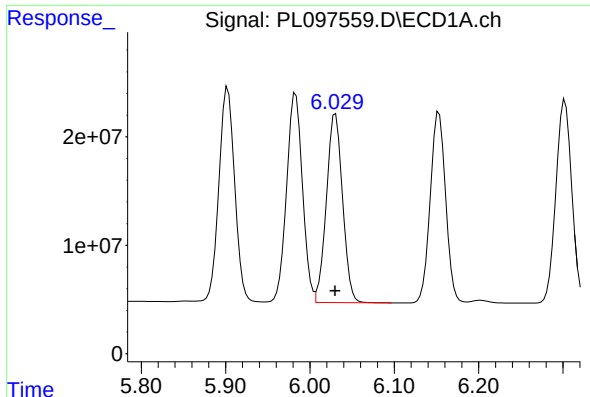
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 263691306
Conc: 45.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 376861855
Conc: 47.72 ng/ml



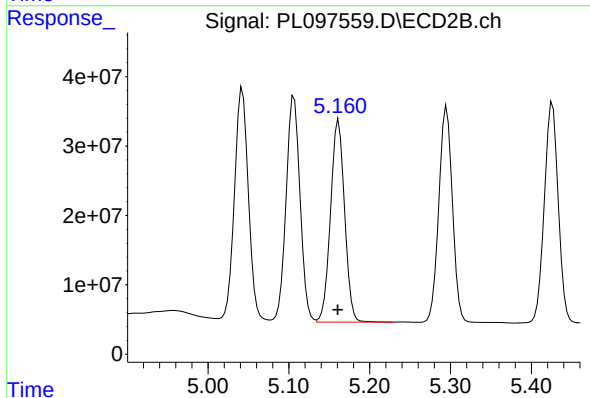
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 231868804
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

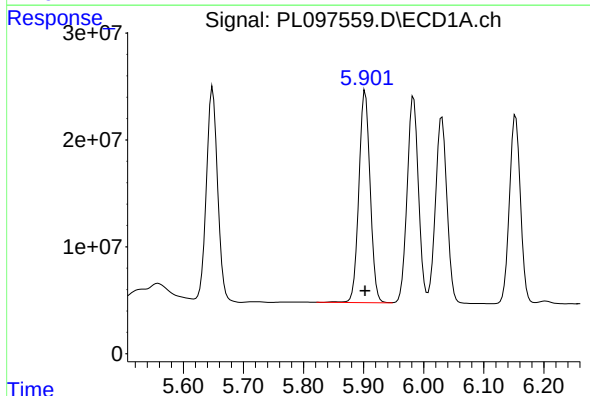
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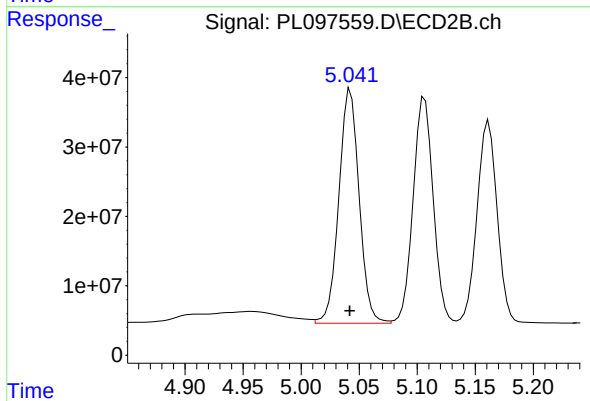
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: 0.001 min
Response: 352712053
Conc: 47.83 ng/ml



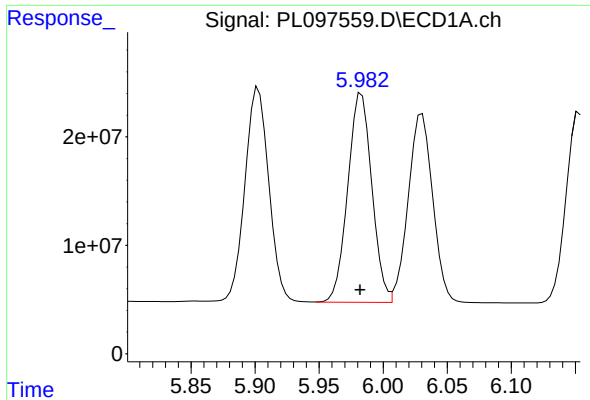
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 258191030
Conc: 47.57 ng/ml



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 411140423
Conc: 47.29 ng/ml



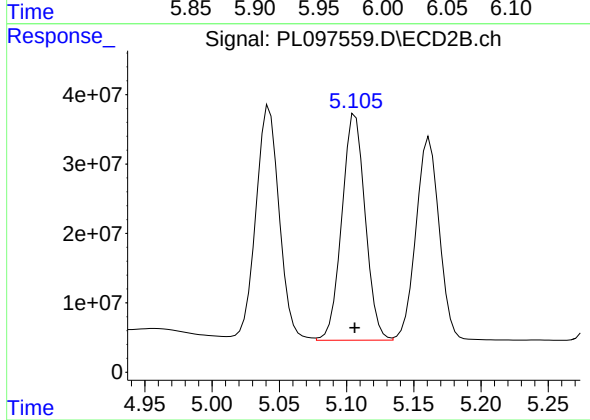
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: 0.001 min
Response: 252613501
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

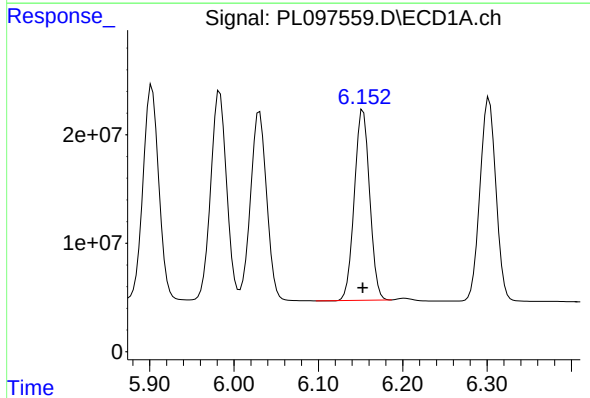
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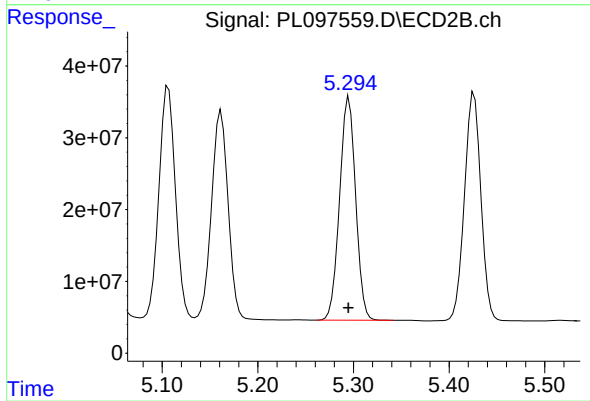
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 392984566
Conc: 47.19 ng/ml



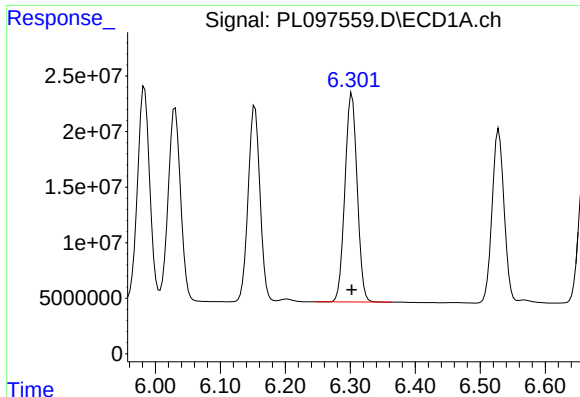
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 221235486
Conc: 47.50 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 362714894
Conc: 47.77 ng/ml



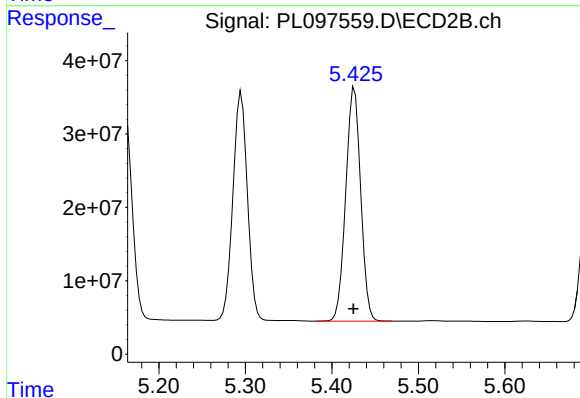
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 246769192
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

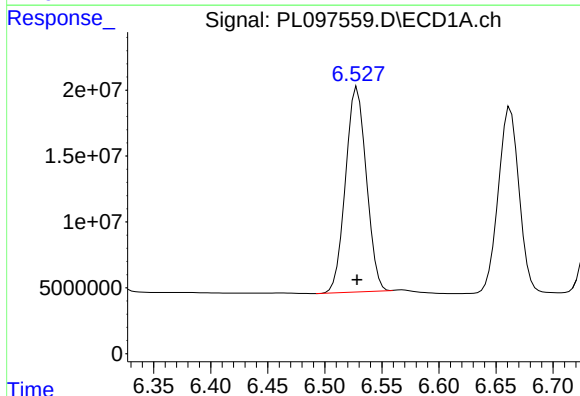
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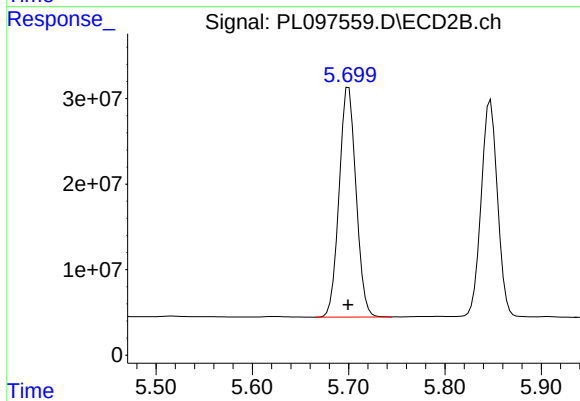
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: 0.001 min
Response: 380516334
Conc: 46.02 ng/ml



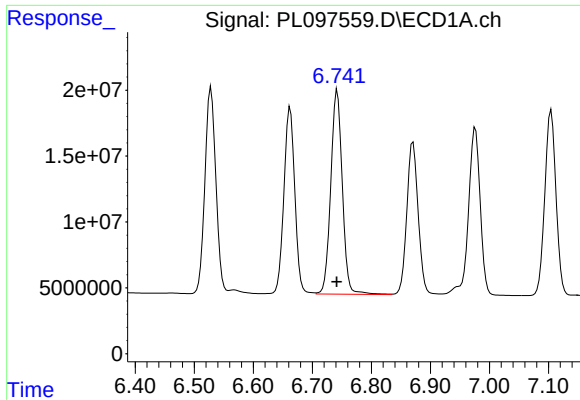
#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 197032898
Conc: 44.04 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 326783879
Conc: 44.15 ng/ml



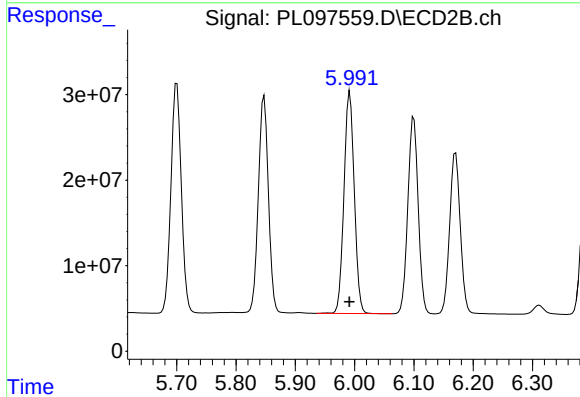
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 210931650
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

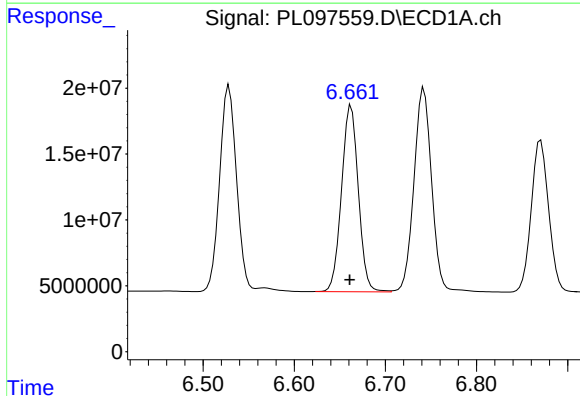
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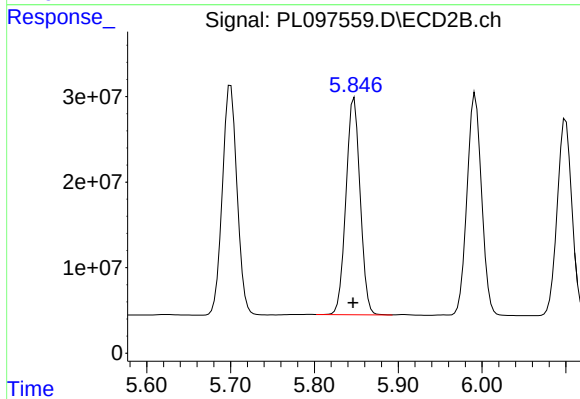
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 314163113
Conc: 45.50 ng/ml



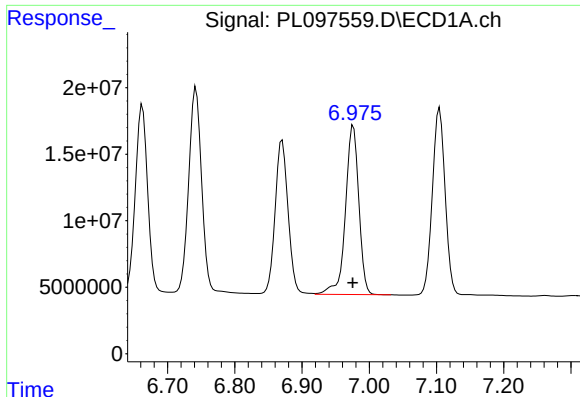
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: 0.001 min
Response: 181323382
Conc: 48.05 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: 0.001 min
Response: 299131882
Conc: 46.89 ng/ml



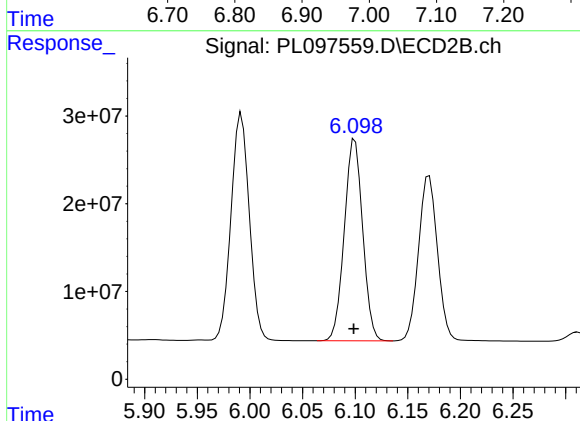
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: 0.001 min
Response: 175785093
Conc: 43.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

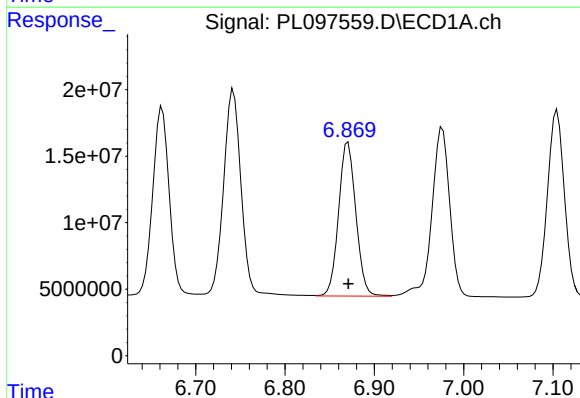
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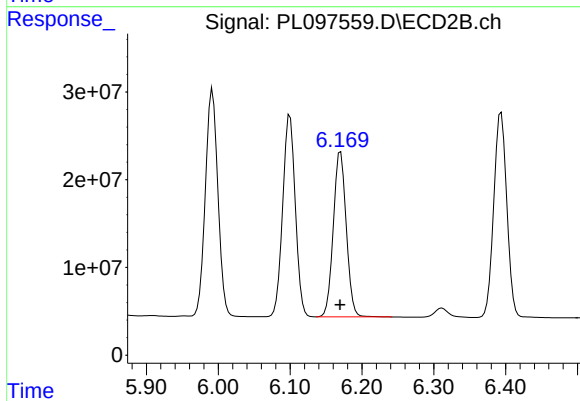
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: 0.001 min
Response: 280222602
Conc: 42.05 ng/ml



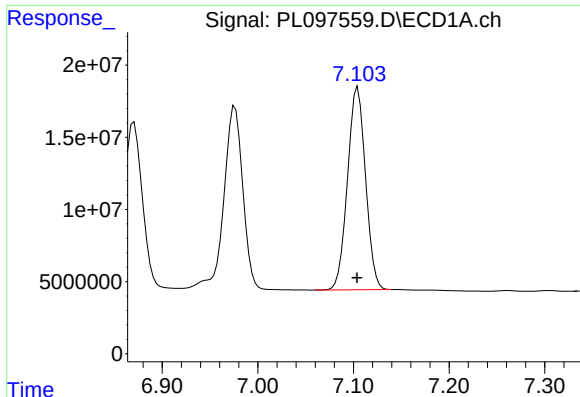
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 155268497
Conc: 47.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 235248027
Conc: 40.85 ng/ml



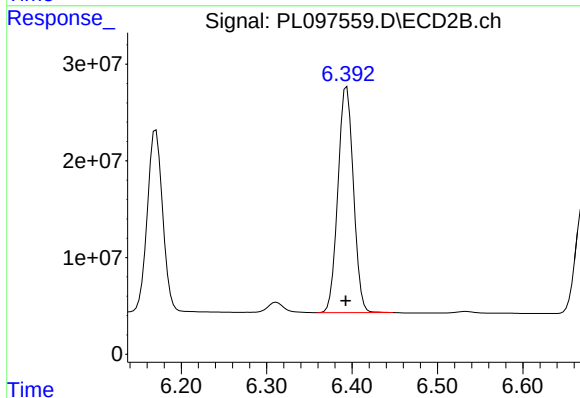
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 184755405
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

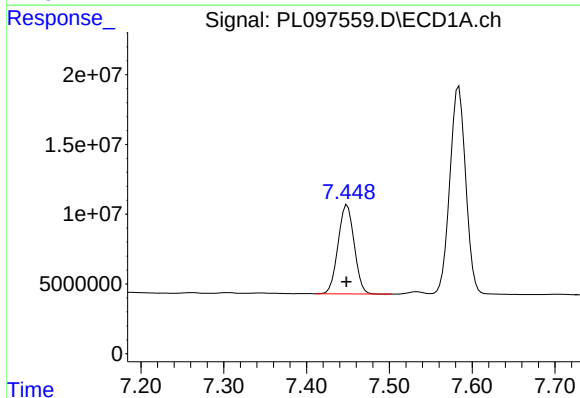
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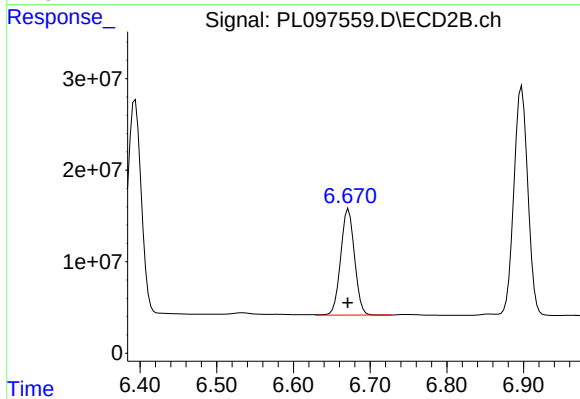
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: 0.001 min
Response: 294621848
Conc: 44.25 ng/ml



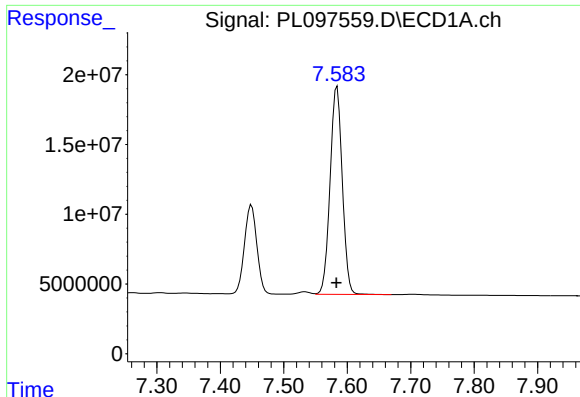
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 86496875
Conc: 41.41 ng/ml



#20 Methoxychlor

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 146142676
Conc: 40.09 ng/ml m



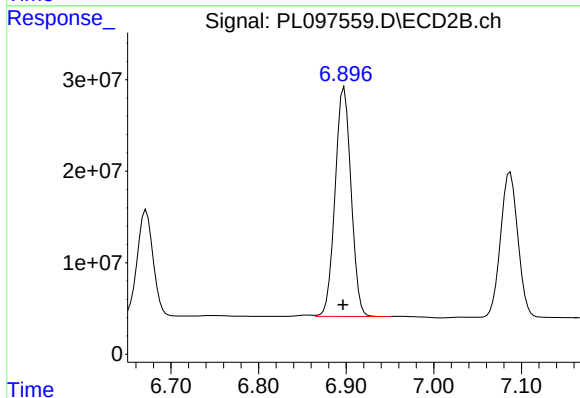
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 199054989
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

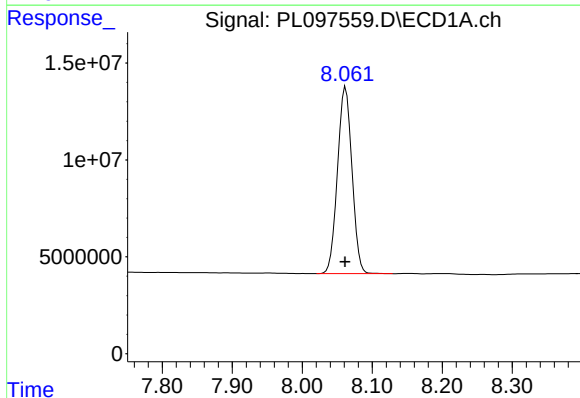
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Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



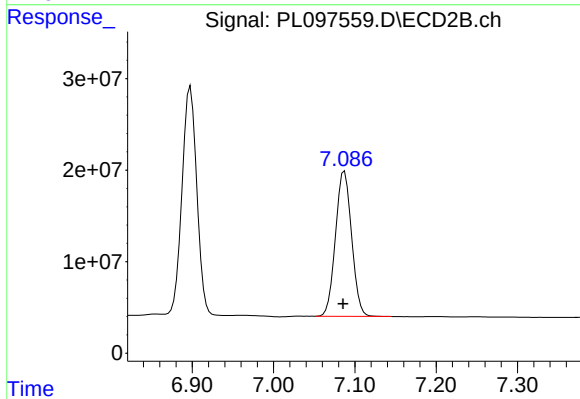
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.001 min
Response: 317232158
Conc: 40.16 ng/ml



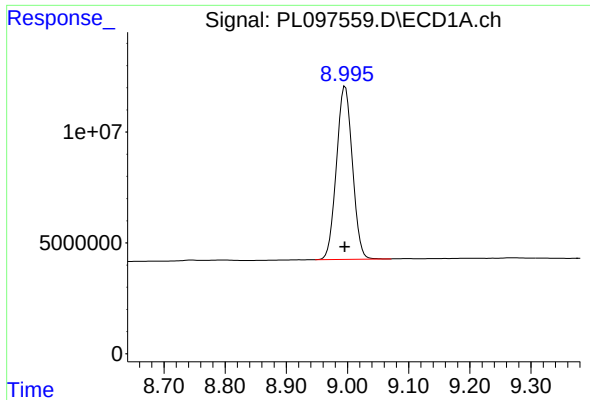
#22 Mirex

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 138448290
Conc: 44.55 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: 0.002 min
Response: 218156815
Conc: 40.78 ng/ml



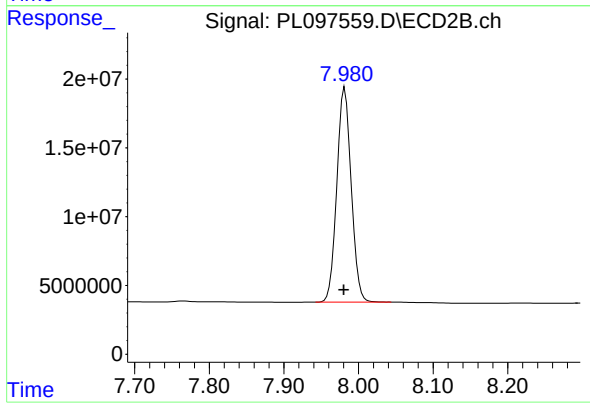
#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 141175033
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: 0.001 min
Response: 208979168
Conc: 40.27 ng/ml