

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
 Data File : PL097614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2025 11:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/14/2025
 Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:23:12 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...	3.525	2.820	222.3E6	325.0E6	54.533	53.396
28)	SA Decachlor...	9.003	7.983	155.9E6	235.8E6	52.425	45.437
Target Compounds							
2)	A alpha-BHC	3.972	3.325	376.2E6	533.7E6	55.772	54.087
3)	MA gamma-BHC...	4.299	3.657	349.3E6	490.1E6	54.960	53.350
4)	MA Heptachlor	4.891	4.004	335.8E6	465.6E6	52.049	50.649
5)	MB Aldrin	5.230	4.286	335.2E6	453.9E6	55.749	52.339
6)	B beta-BHC	4.488	3.953	143.8E6	205.2E6	55.607	51.571
7)	B delta-BHC	4.733	4.186	334.5E6	478.8E6	55.082	53.005
8)	B Heptachlo...	5.650	4.789	291.7E6	407.4E6	50.109	51.577
9)	A Endosulfan I	6.032	5.160	267.9E6	381.2E6	53.895	51.695
10)	B gamma-Chl...	5.904	5.041	297.3E6	432.2E6	54.780	49.721
11)	B alpha-Chl...	5.984	5.105	291.4E6	420.5E6	53.708	50.491
12)	B 4,4'-DDE	6.155	5.294	260.7E6	396.1E6	55.968	52.168
13)	MA Dieldrin	6.305	5.425	284.6E6	415.6E6	54.107	50.270
14)	MA Endrin	6.531	5.699	224.4E6	346.2E6	50.162	46.781
15)	B Endosulfa...	6.745	5.992	236.5E6	361.7E6	48.336	52.388
16)	A 4,4'-DDD	6.664	5.847	216.0E6	340.3E6	57.239m	53.340
17)	MA 4,4'-DDT	6.979	6.099	195.1E6	303.1E6	48.125	45.485
18)	B Endrin al...	6.874	6.170	173.9E6	261.9E6	53.061	45.483
19)	B Endosulfa...	7.108	6.393	211.8E6	329.3E6	52.812	49.465
20)	A Methoxychlor	7.452	6.672	95069659	154.1E6	45.510	42.269
21)	B Endrin ke...	7.587	6.898	233.1E6	370.0E6	54.433	46.842
22)	Mirex	8.065	7.088	152.9E6	251.7E6	49.197	47.050

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 11:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

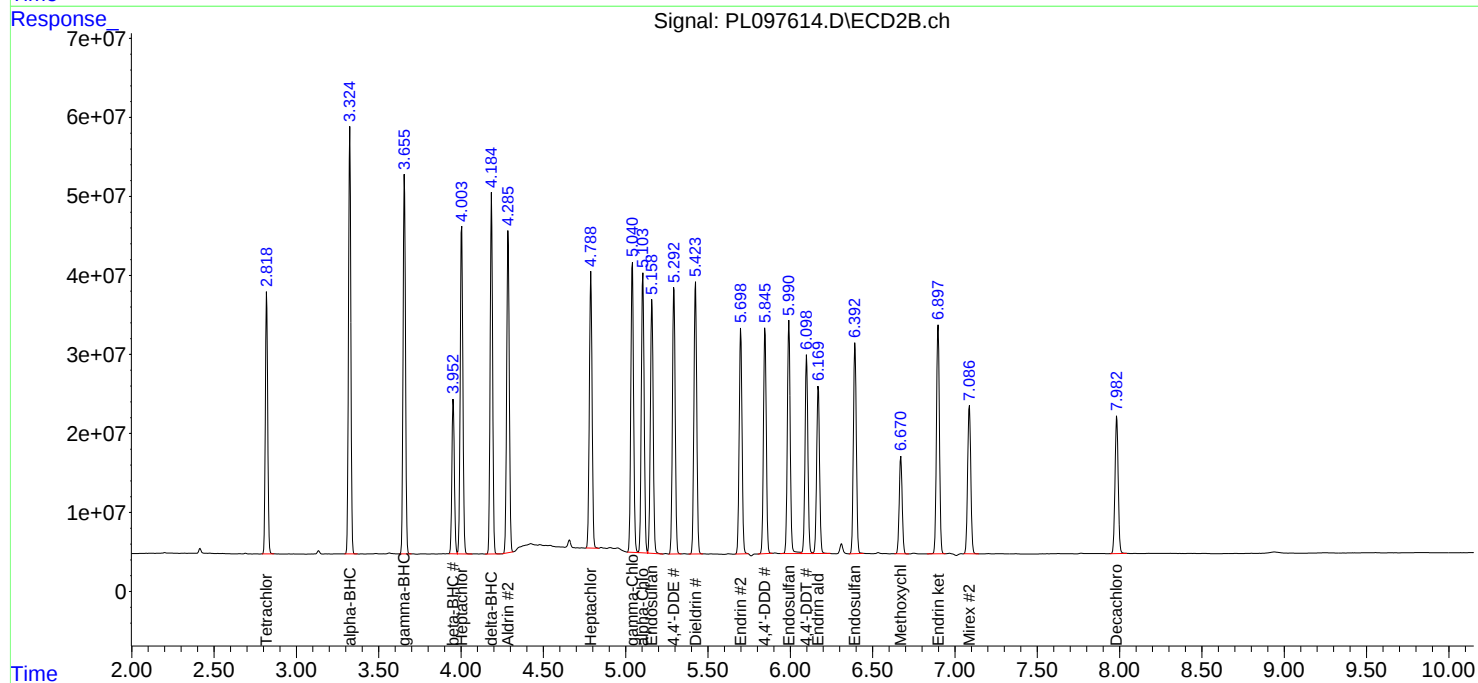
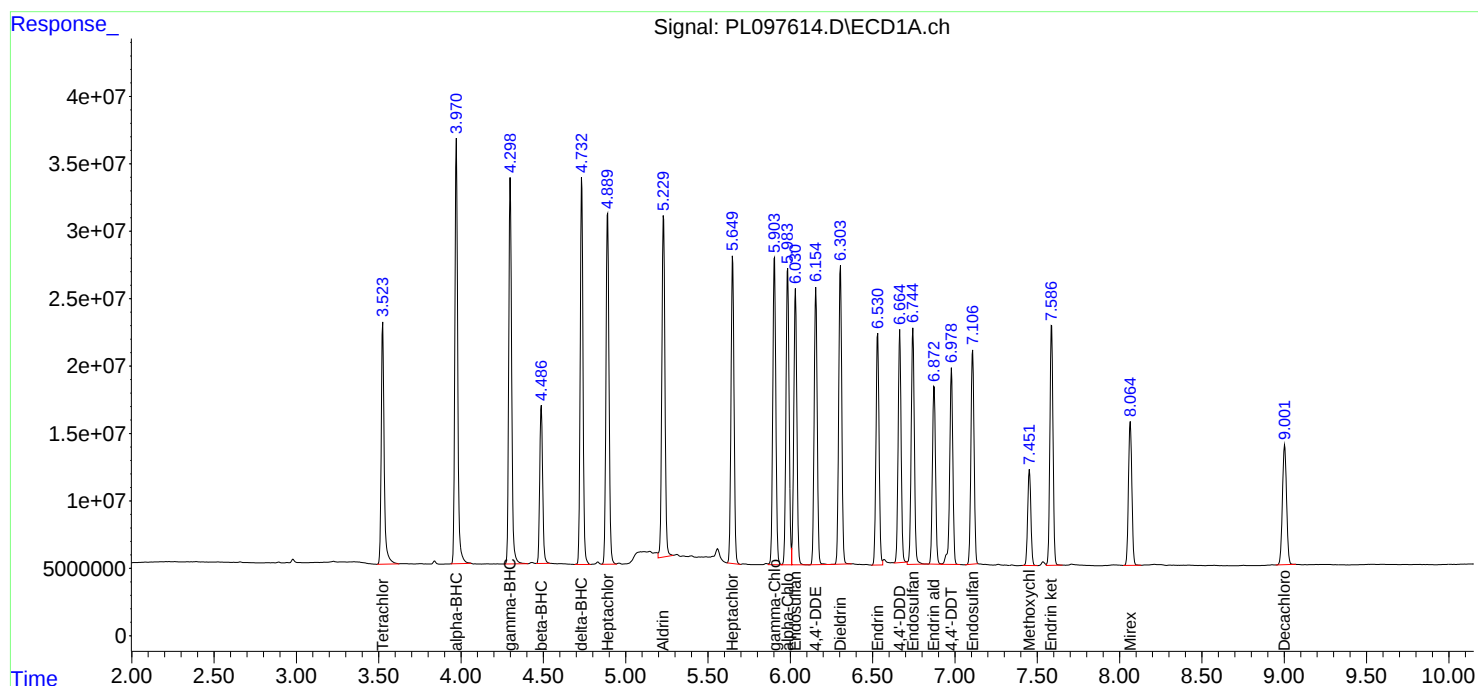
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

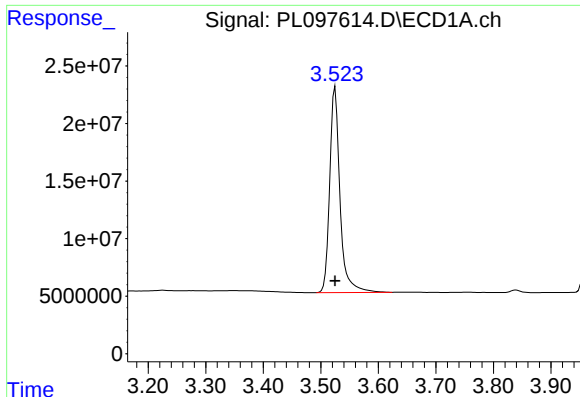
Manual Integrations
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Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:23:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
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Volume Inj. : 1 µl
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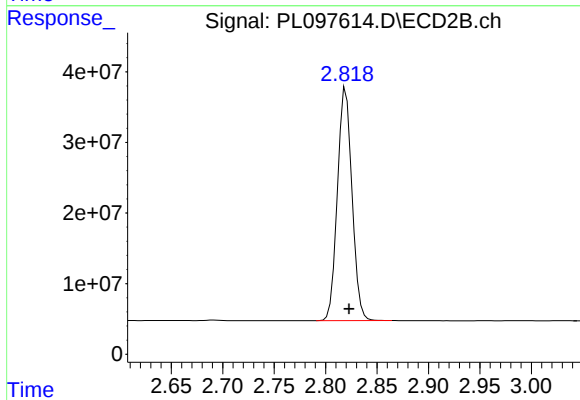
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: 0.000 min
Response: 222316576
Conc: 54.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

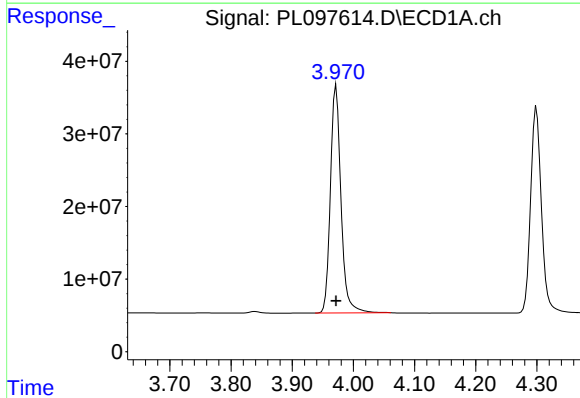
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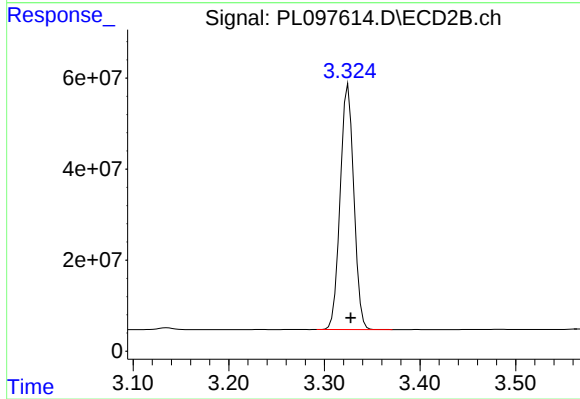
#1 Tetrachloro-m-xylene

R.T.: 2.820 min
Delta R.T.: -0.003 min
Response: 324991503
Conc: 53.40 ng/ml



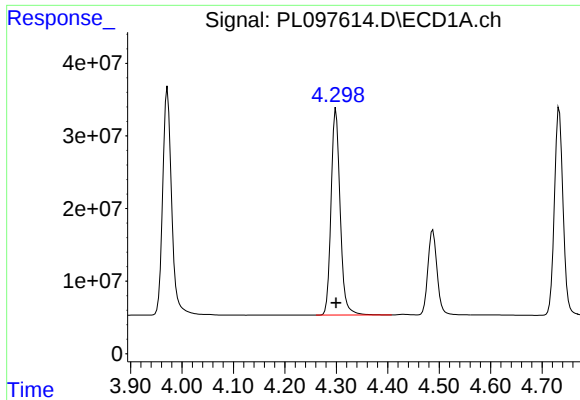
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 376222560
Conc: 55.77 ng/ml



#2 alpha-BHC

R.T.: 3.325 min
Delta R.T.: -0.003 min
Response: 533679188
Conc: 54.09 ng/ml



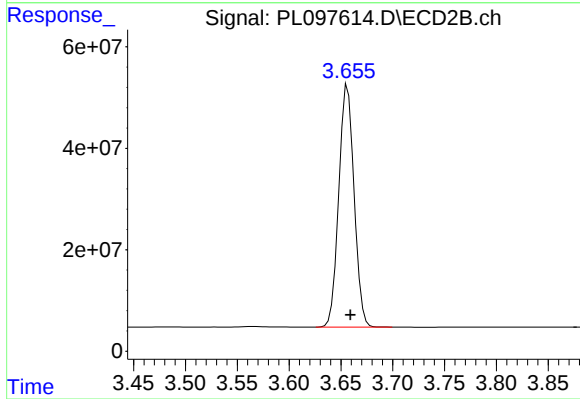
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 349343828
Conc: 54.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

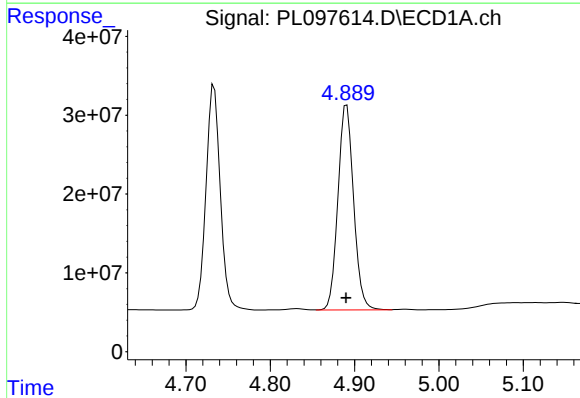
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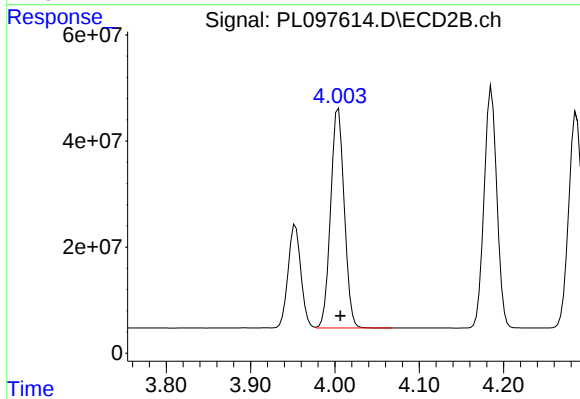
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 490138332
Conc: 53.35 ng/ml



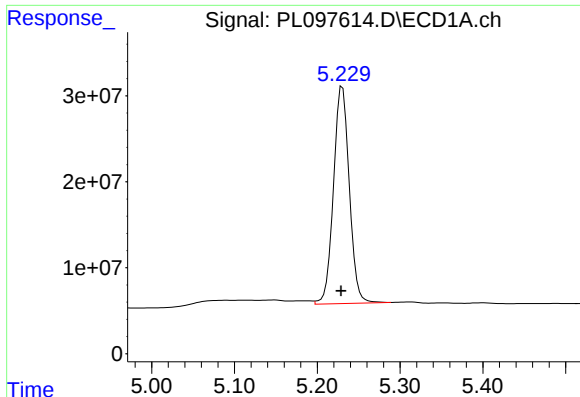
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 335750097
Conc: 52.05 ng/ml



#4 Heptachlor

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 465577651
Conc: 50.65 ng/ml



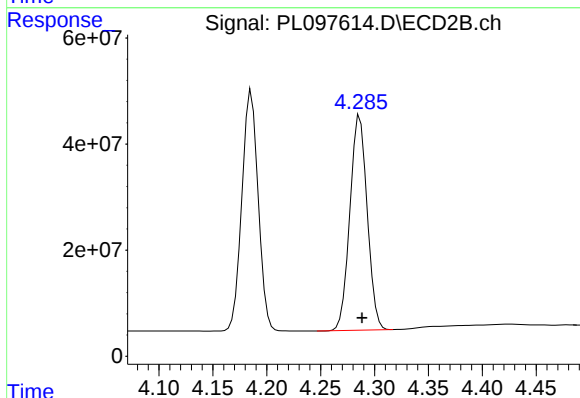
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: 0.002 min
Response: 335199161
Conc: 55.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

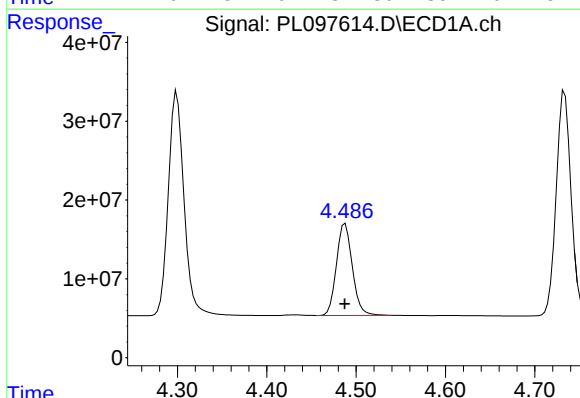
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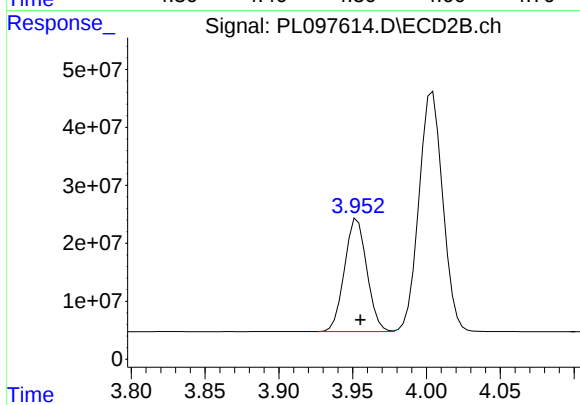
#5 Aldrin

R.T.: 4.286 min
Delta R.T.: -0.002 min
Response: 453878973
Conc: 52.34 ng/ml



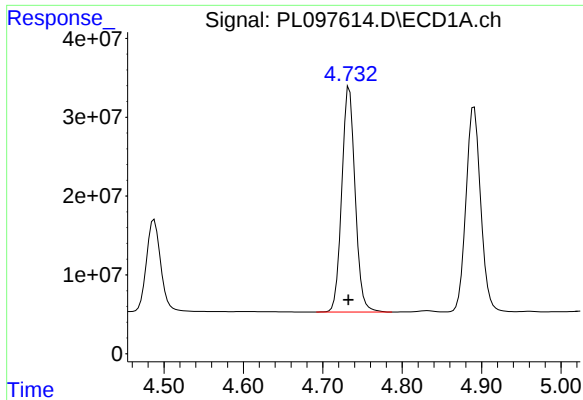
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 143769492
Conc: 55.61 ng/ml



#6 beta-BHC

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 205157460
Conc: 51.57 ng/ml



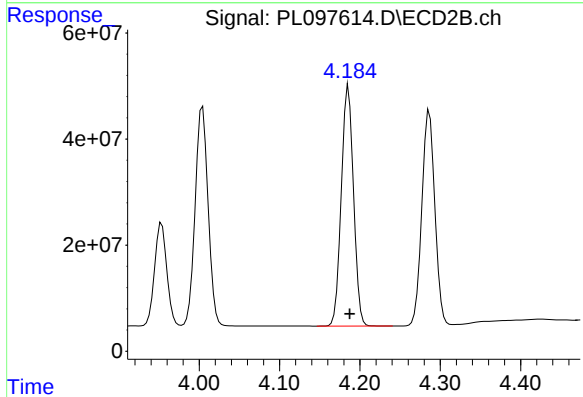
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: 0.001 min
Response: 334490722
Conc: 55.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

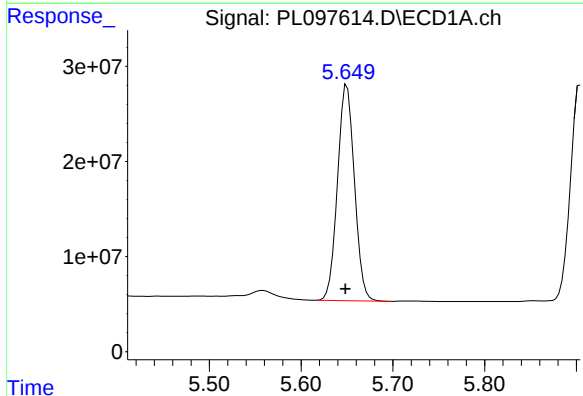
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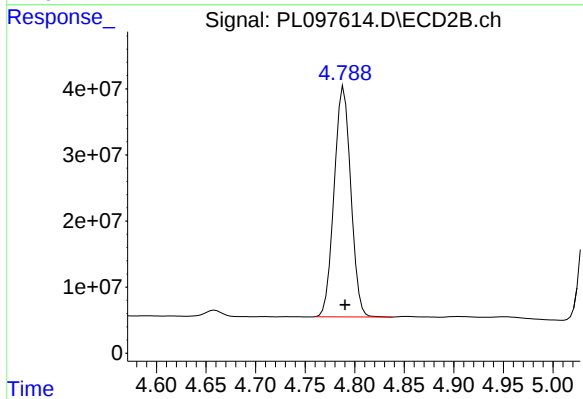
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: -0.002 min
Response: 478844581
Conc: 53.00 ng/ml



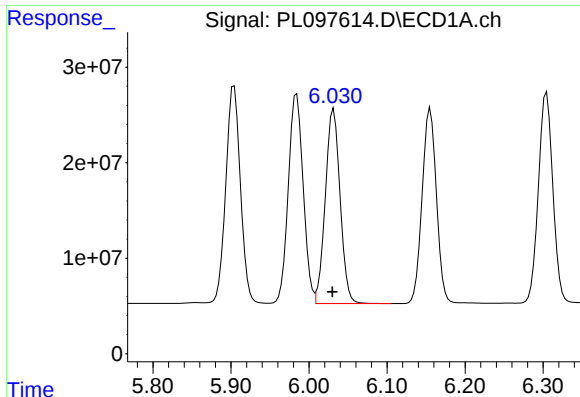
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: 0.002 min
Response: 291748257
Conc: 50.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 407350111
Conc: 51.58 ng/ml



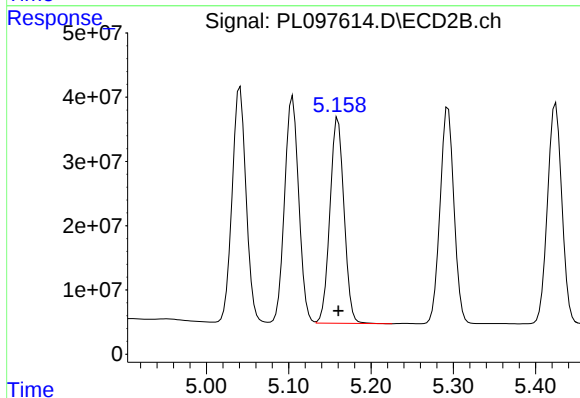
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 267934354
Conc: 53.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

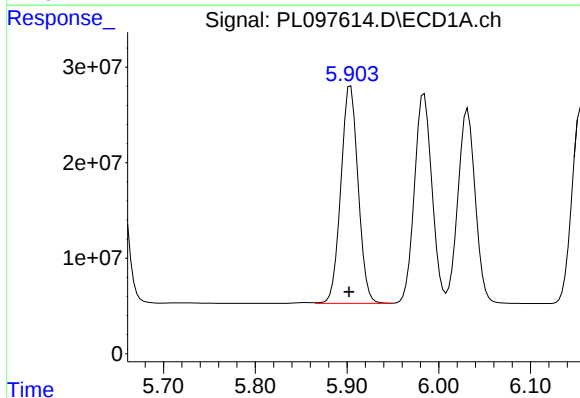
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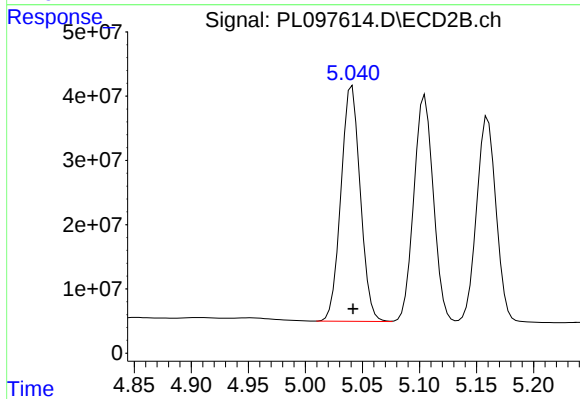
#9 Endosulfan I

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 381218833
Conc: 51.70 ng/ml



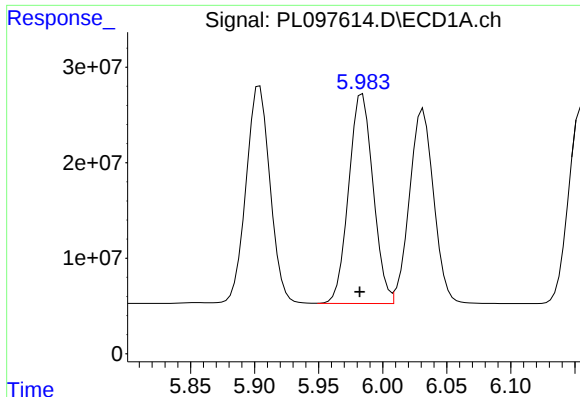
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: 0.002 min
Response: 297314770
Conc: 54.78 ng/ml



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 432229381
Conc: 49.72 ng/ml



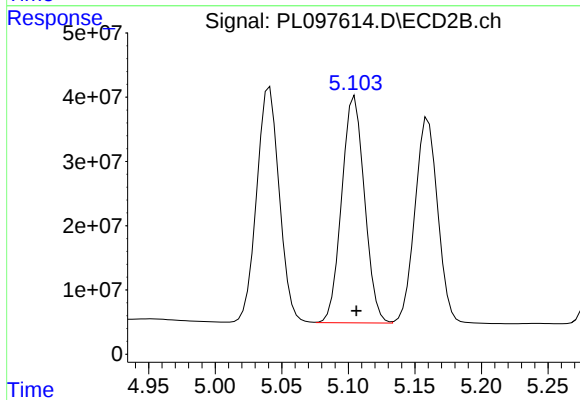
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 291441972
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

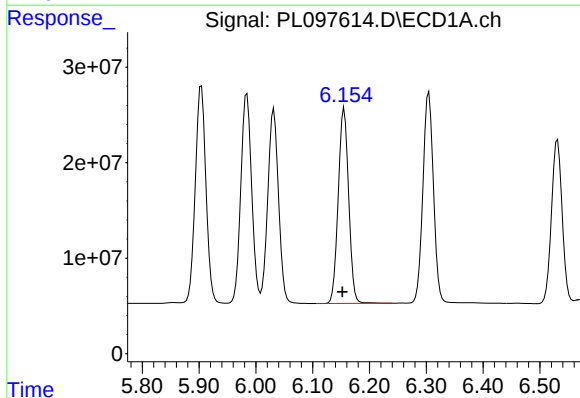
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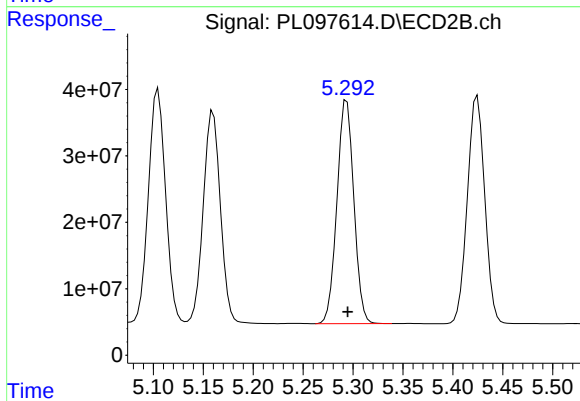
#11 alpha-Chlordane

R.T.: 5.105 min
Delta R.T.: -0.001 min
Response: 420450031
Conc: 50.49 ng/ml



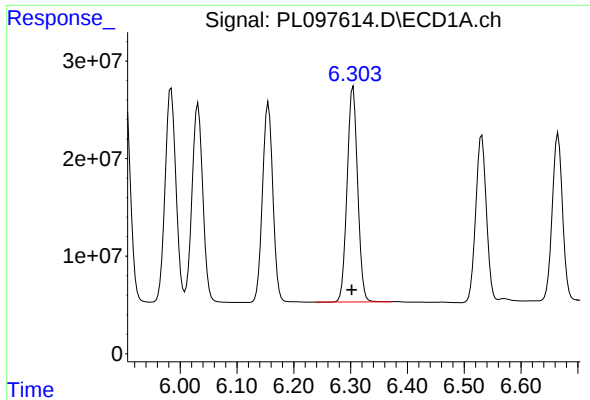
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: 0.003 min
Response: 260656271
Conc: 55.97 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 396080936
Conc: 52.17 ng/ml



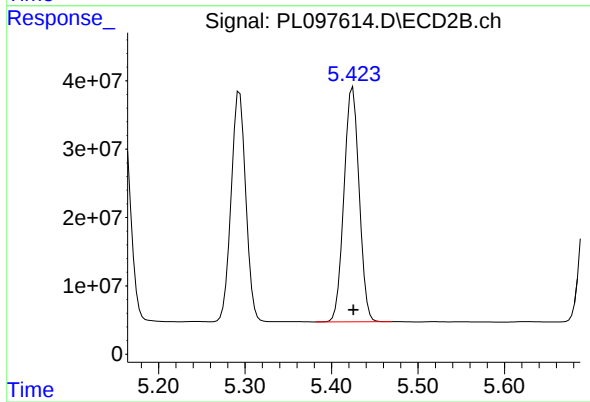
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.003 min
Response: 284628600
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

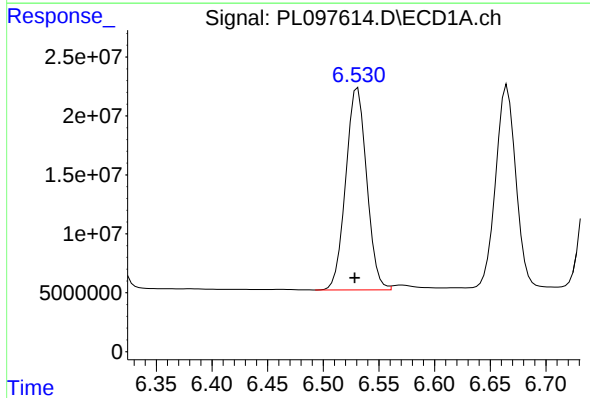
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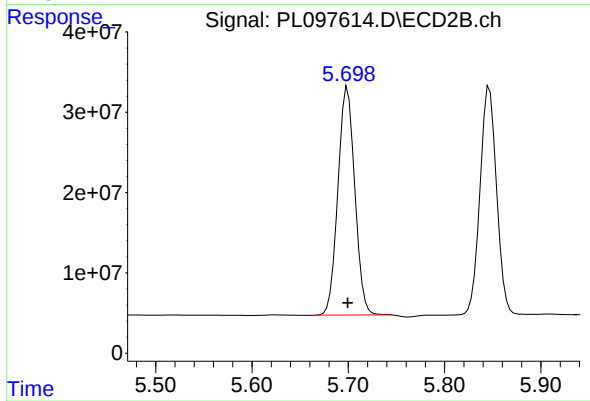
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 415645119
Conc: 50.27 ng/ml



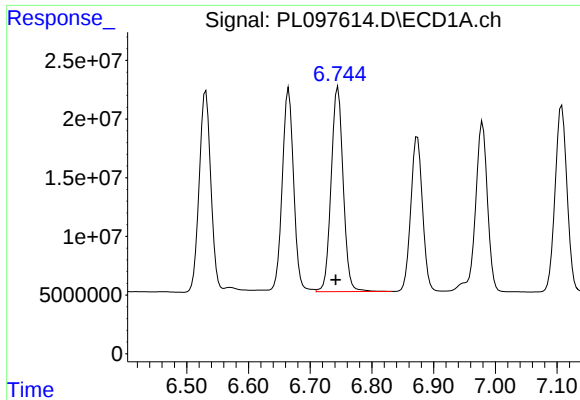
#14 Endrin

R.T.: 6.531 min
Delta R.T.: 0.003 min
Response: 224440461
Conc: 50.16 ng/ml



#14 Endrin

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 346249026
Conc: 46.78 ng/ml



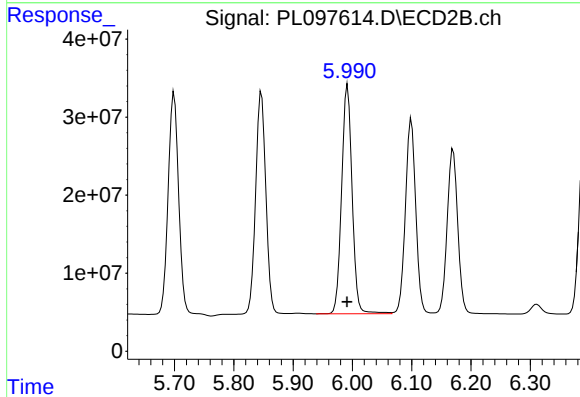
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.004 min
Response: 236462845
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

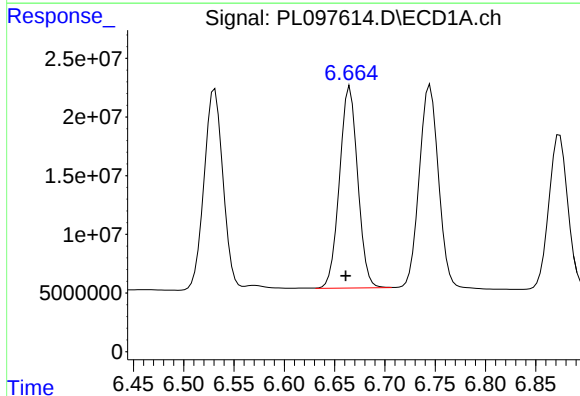
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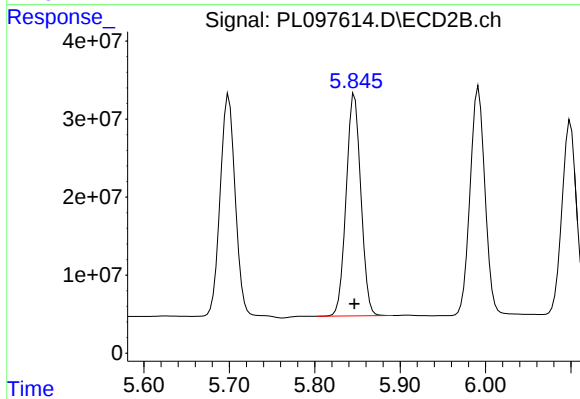
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 361739822
Conc: 52.39 ng/ml



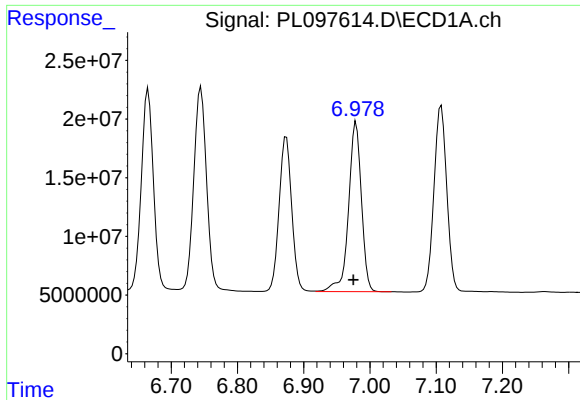
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.003 min
Response: 215990669
Conc: 57.24 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 340250555
Conc: 53.34 ng/ml



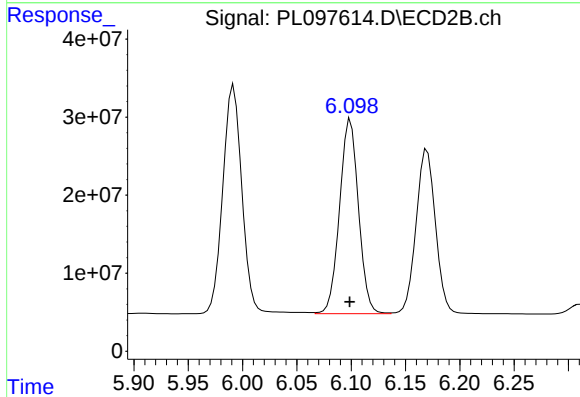
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.004 min
Response: 195131064
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

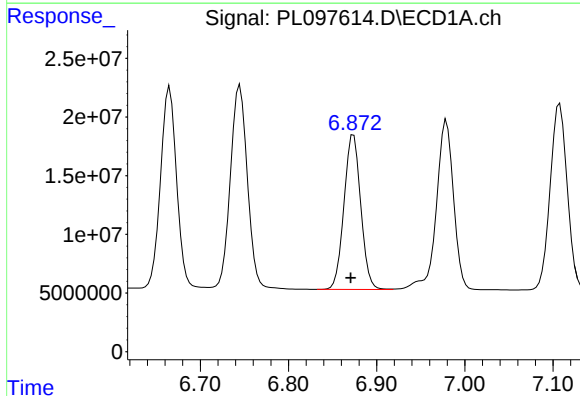
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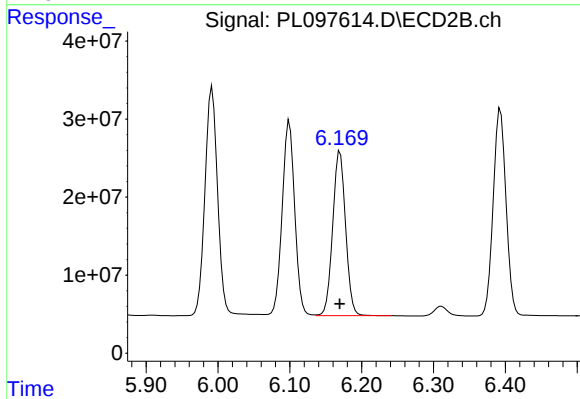
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 303084244
Conc: 45.48 ng/ml



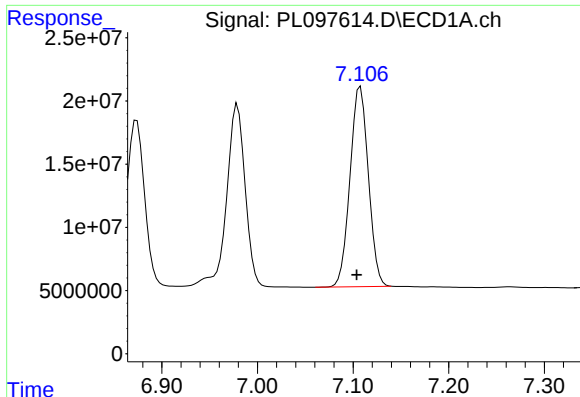
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.003 min
Response: 173865513
Conc: 53.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 261915306
Conc: 45.48 ng/ml



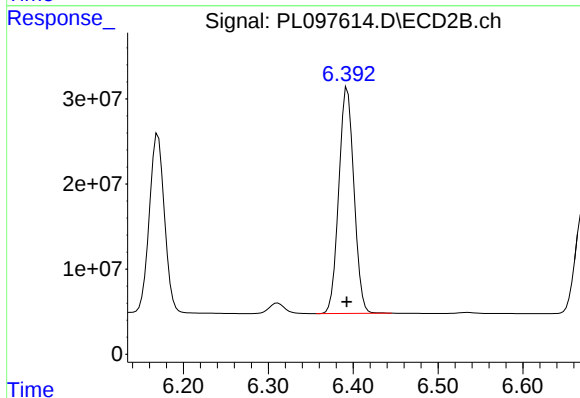
#19 Endosulfan Sulfate

R.T.: 7.108 min
Delta R.T.: 0.004 min
Response: 211772591
Conc: 52.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

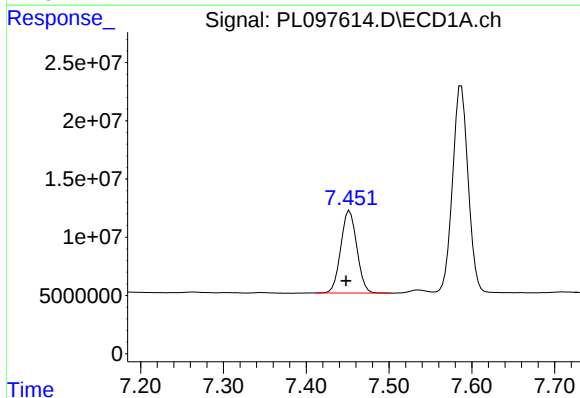
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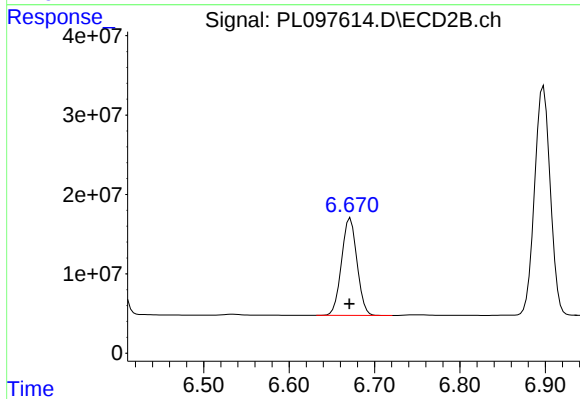
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 329329800
Conc: 49.47 ng/ml



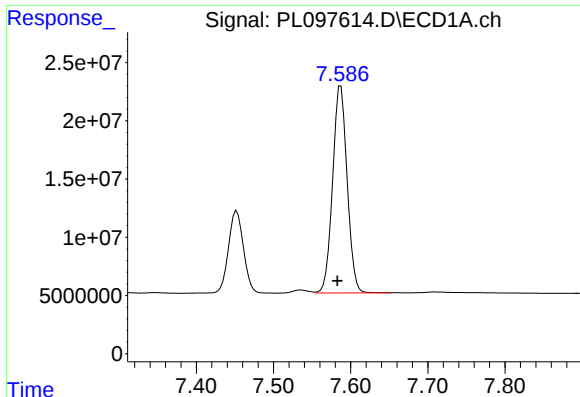
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.004 min
Response: 95069659
Conc: 45.51 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: 0.001 min
Response: 154078992
Conc: 42.27 ng/ml



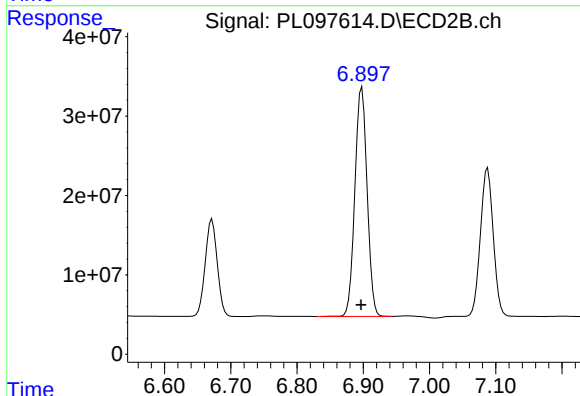
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: 0.004 min
Response: 233067548
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

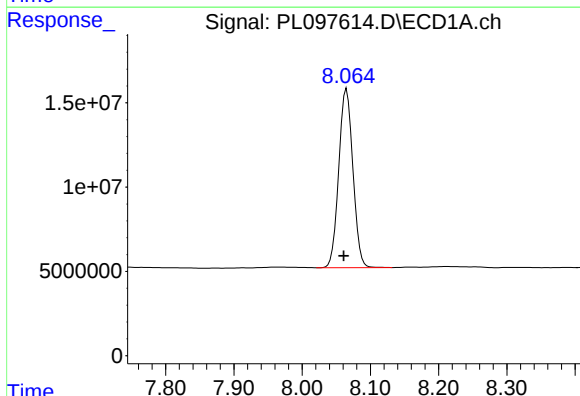
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



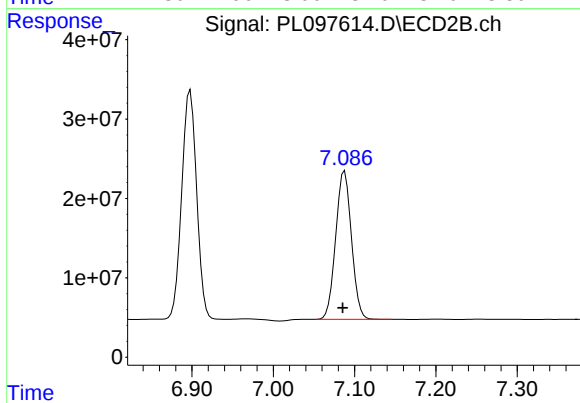
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.001 min
Response: 370049076
Conc: 46.84 ng/ml



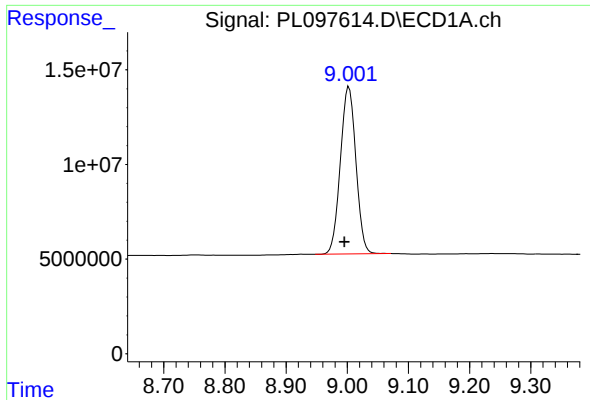
#22 Mirex

R.T.: 8.065 min
Delta R.T.: 0.004 min
Response: 152875780
Conc: 49.20 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: 0.002 min
Response: 251708414
Conc: 47.05 ng/ml



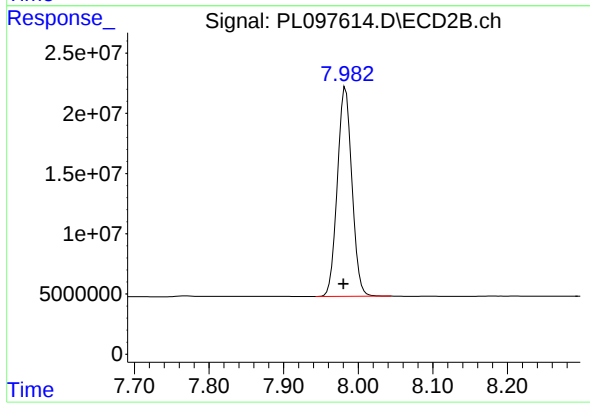
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 155894421
Conc: 52.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: 0.003 min
Response: 235774377
Conc: 45.44 ng/ml