

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
 Data File : PL097136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 18:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/11/2025
 Supervised By : mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 07:11:49 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	2.823	193.3E6	275.7E6	49.003	48.914
2)	SA Decachlor...	8.999	7.983	135.3E6	225.5E6	45.686	47.012
Target Compounds							
2)	A alpha-BHC	3.974	3.328	294.7E6	423.4E6	50.863	51.563
3)	MA gamma-BHC...	4.300	3.660	271.4E6	393.0E6	49.686m	53.351
4)	MA Heptachlor	4.893	4.008	270.3E6	387.9E6	50.694	51.560
5)	MB Aldrin	5.232	4.290	258.1E6	366.6E6	49.123	52.122
6)	B beta-BHC	4.489	3.956	115.2E6	167.2E6	50.359	51.263
7)	B delta-BHC	4.734	4.188	257.3E6	386.2E6	57.172	52.554
8)	B Heptachlo...	5.650	4.792	238.7E6	328.8E6	46.381m	51.989
9)	A Endosulfan I	6.033	5.162	205.6E6	298.8E6	47.860	49.877
10)	B gamma-Chl...	5.904	5.043	226.6E6	345.3E6	49.206m	52.235
11)	B alpha-Chl...	5.985	5.107	223.9E6	339.3E6	47.584	51.967
12)	B 4,4'-DDE	6.156	5.296	190.4E6	315.7E6	47.708	51.291
13)	MA Dieldrin	6.304	5.425	217.0E6	340.8E6	47.783	52.005m
14)	MA Endrin	6.531	5.701	184.6E6	321.0E6	49.300	54.348
15)	B Endosulfa...	6.743	5.993	184.3E6	284.5E6	41.840m	49.752
16)	A 4,4'-DDD	6.663	5.848	153.6E6	264.2E6	48.677m	50.589
17)	MA 4,4'-DDT	6.978	6.101	169.2E6	281.2E6	48.320	51.332
18)	B Endrin al...	6.873	6.171	135.9E6	214.4E6	52.231	51.723
19)	B Endosulfa...	7.107	6.394	162.7E6	275.8E6	47.392	49.227
20)	A Methoxychlor	7.452	6.673	81664937	150.5E6	47.056	50.159
21)	B Endrin ke...	7.586	6.899	169.2E6	315.4E6	47.597	50.387
22)	Mirex	8.064	7.088	137.6E6	237.2E6	45.999	48.840

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
Data File : PL097136.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 18:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

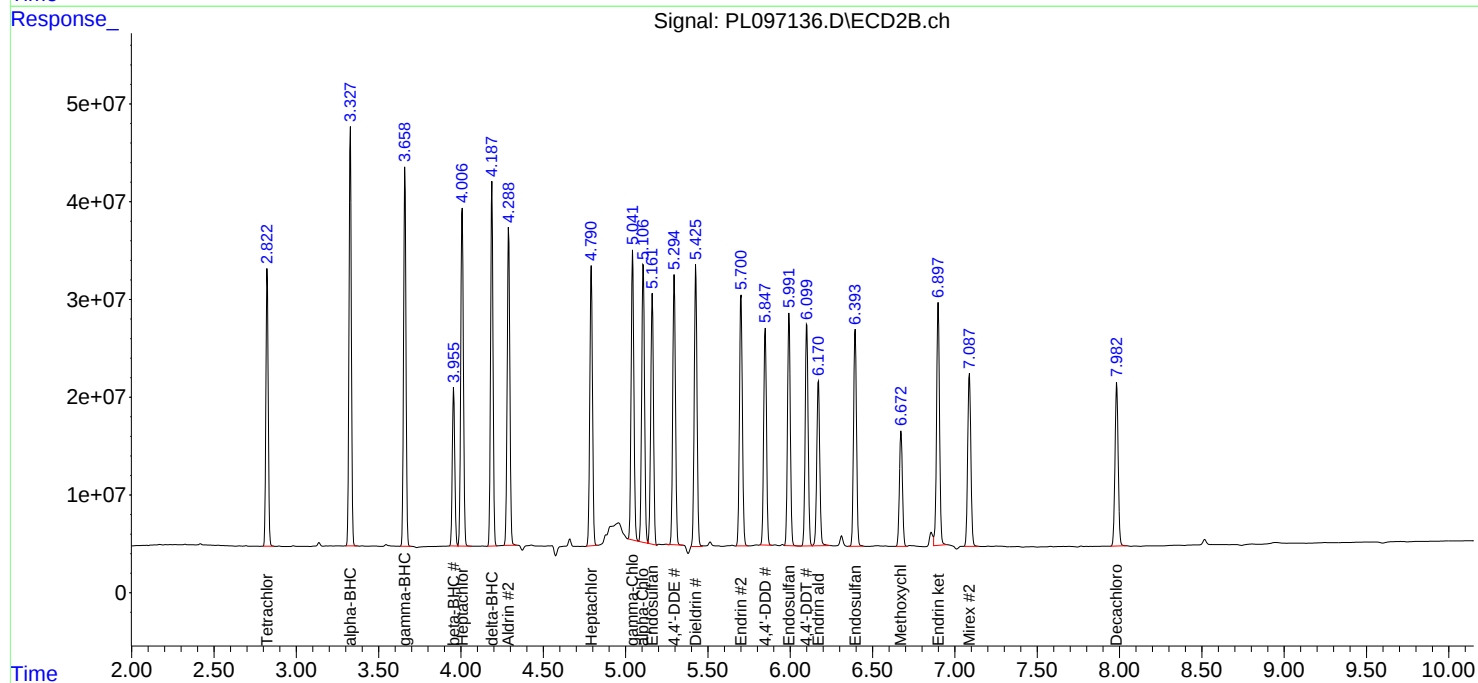
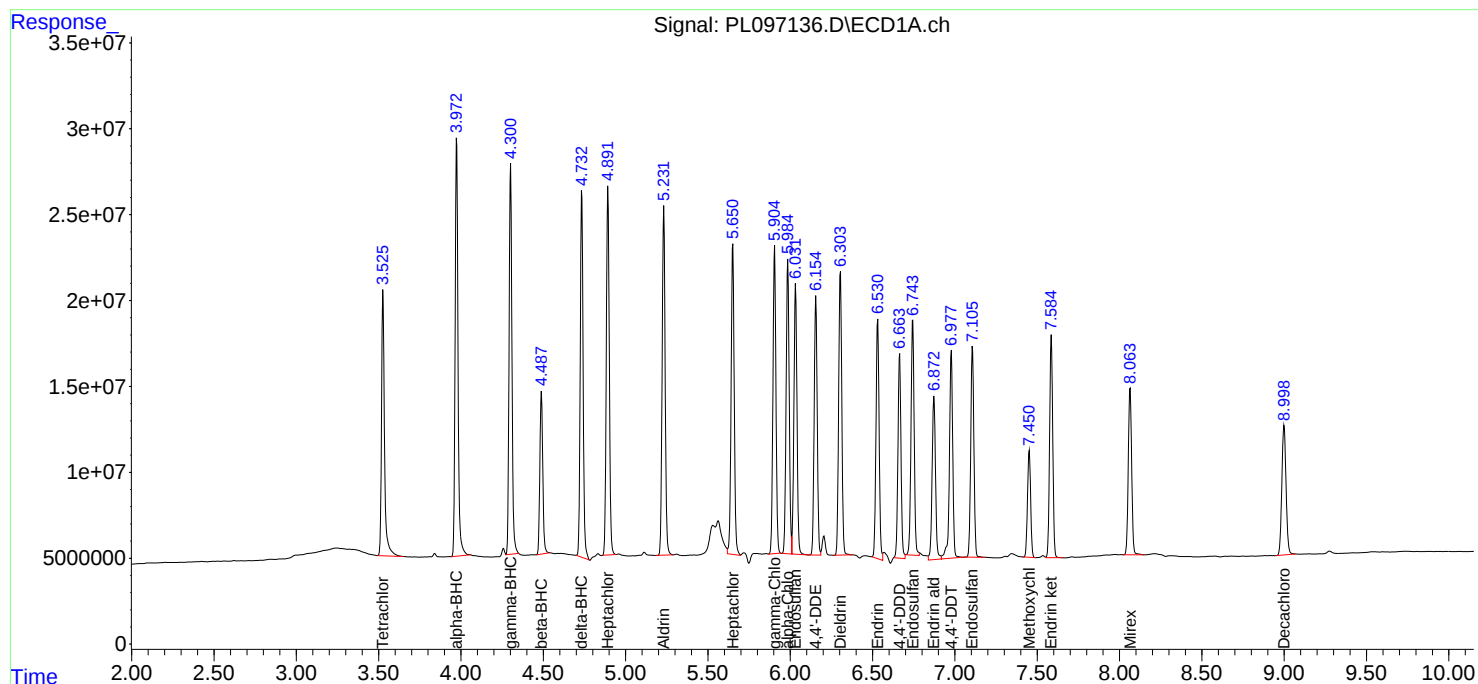
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

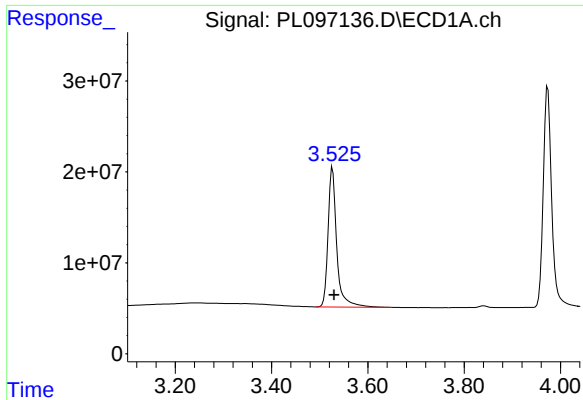
Manual Integrations
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Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:11:49 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





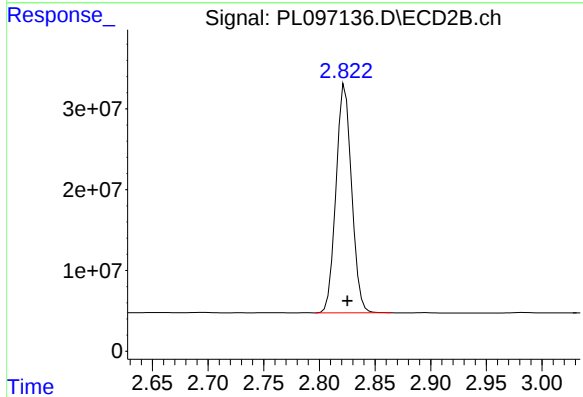
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 193258541
Conc: 49.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

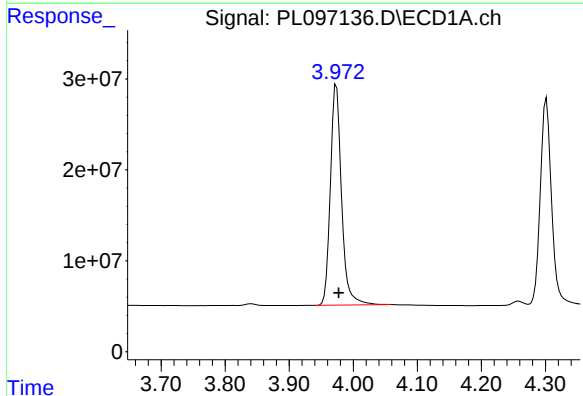
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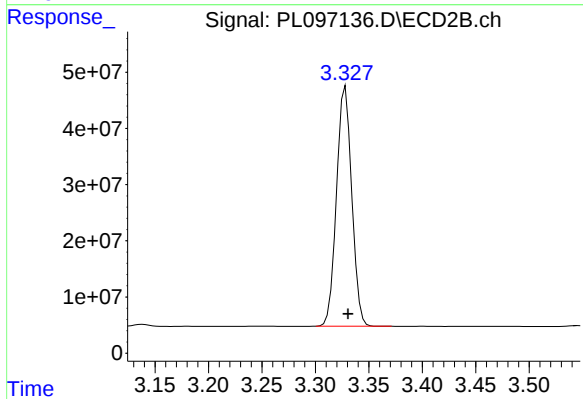
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 275708478
Conc: 48.91 ng/ml



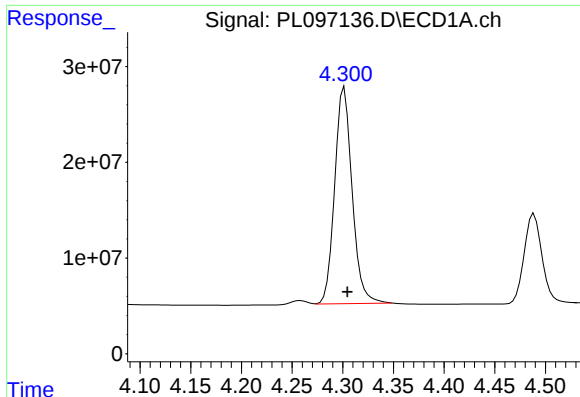
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 294703356
Conc: 50.86 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 423400535
Conc: 51.56 ng/ml



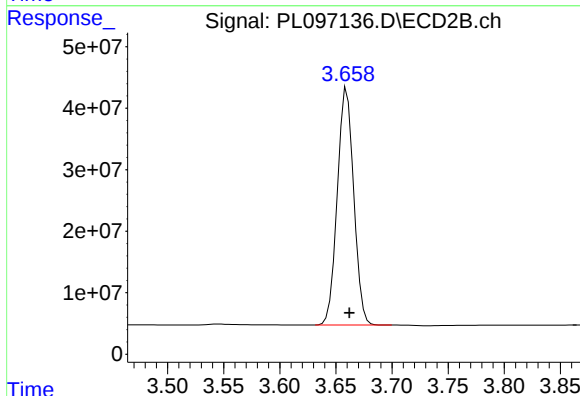
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 271372414
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

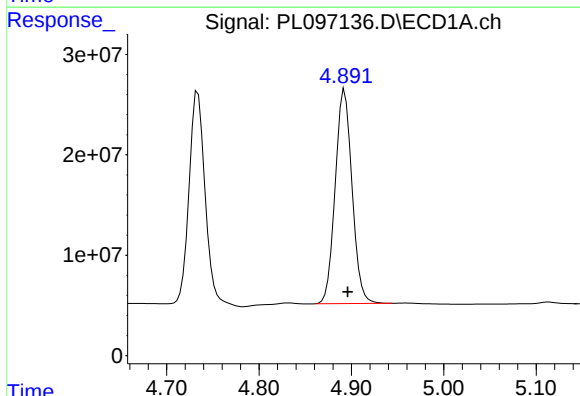
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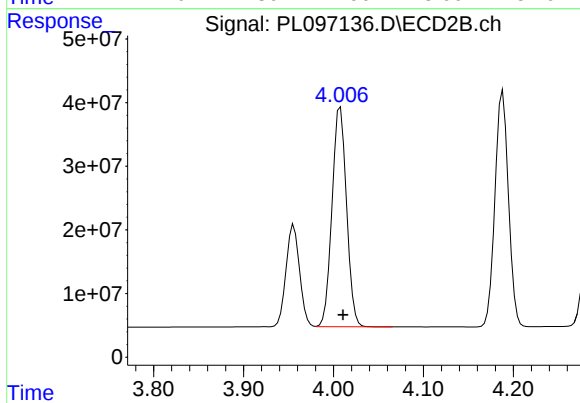
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 393006493
Conc: 53.35 ng/ml



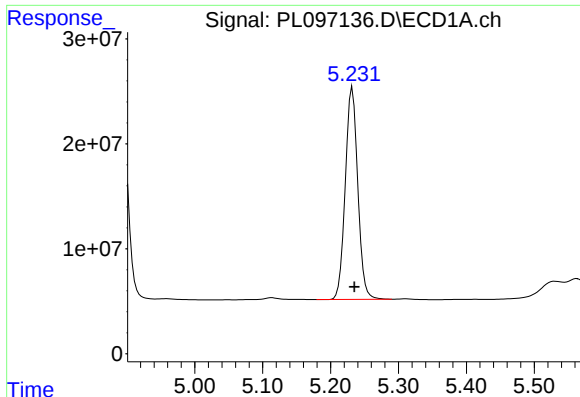
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 270316123
Conc: 50.69 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: -0.003 min
Response: 387944102
Conc: 51.56 ng/ml



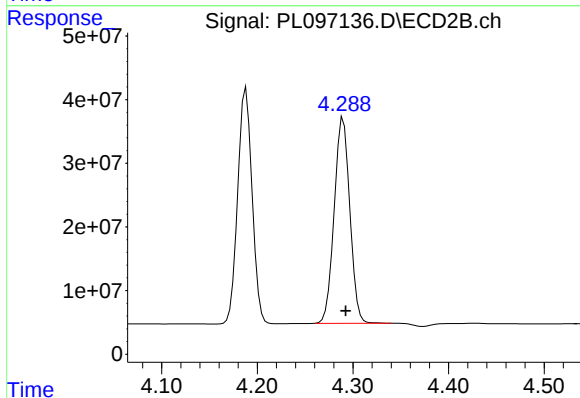
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 258068296
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

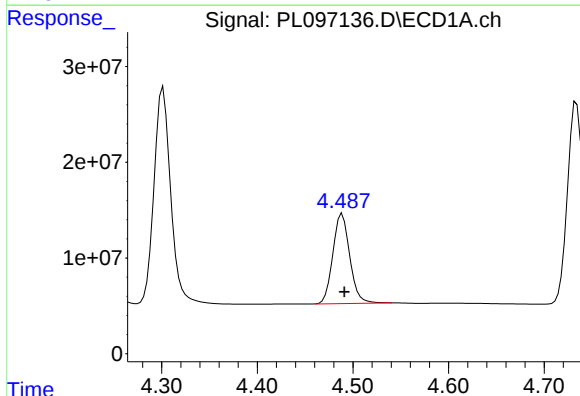
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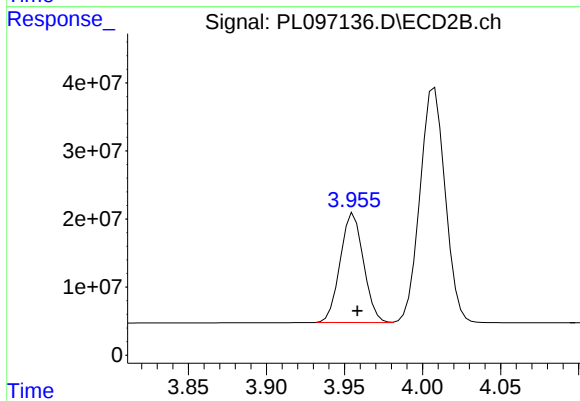
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: -0.003 min
Response: 366562805
Conc: 52.12 ng/ml



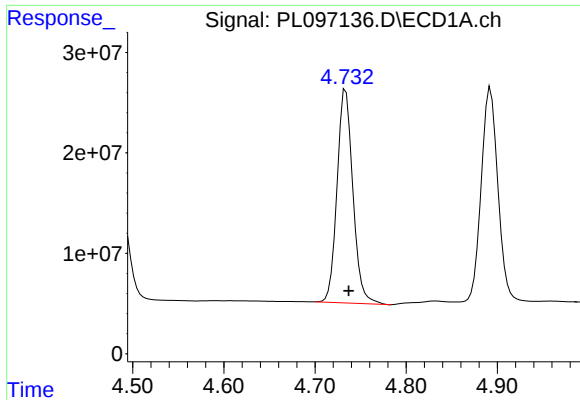
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 115172603
Conc: 50.36 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 167234915
Conc: 51.26 ng/ml



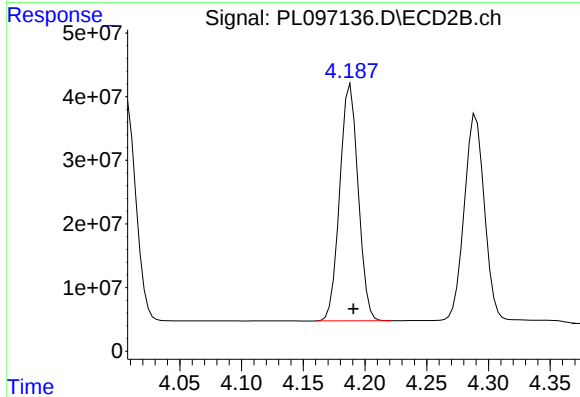
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 257272335
Conc: 57.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

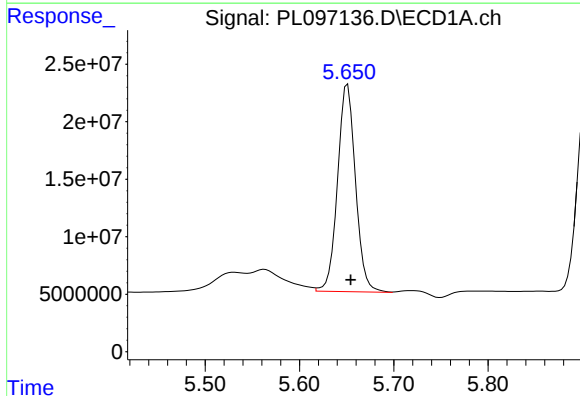
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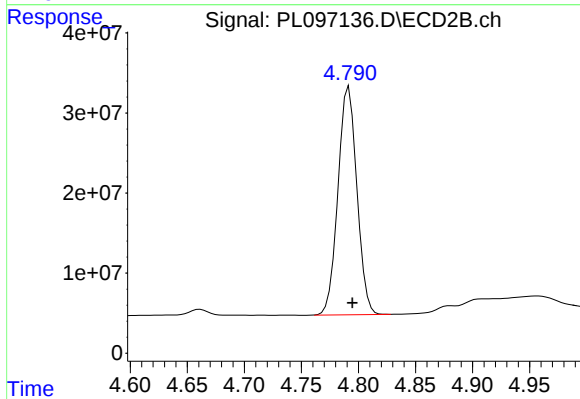
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 386214047
Conc: 52.55 ng/ml



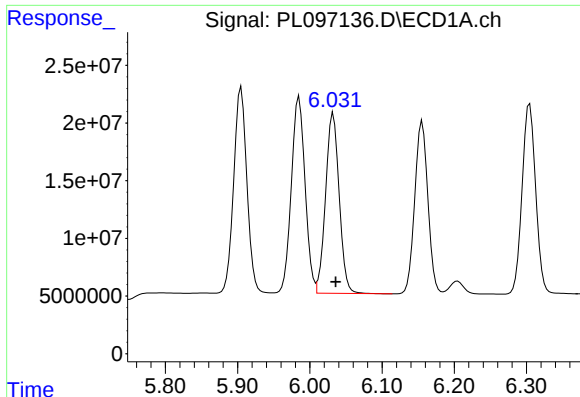
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.005 min
Response: 238665797
Conc: 46.38 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 328830996
Conc: 51.99 ng/ml



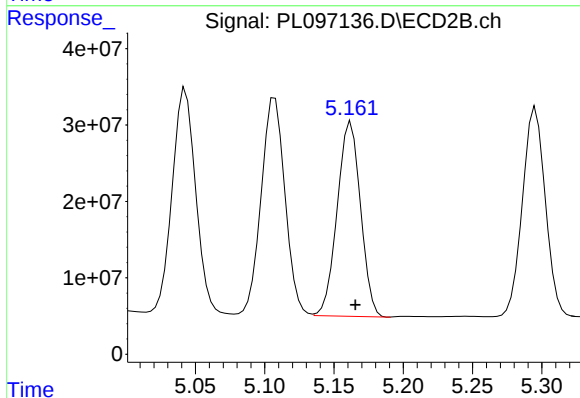
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 205644819
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

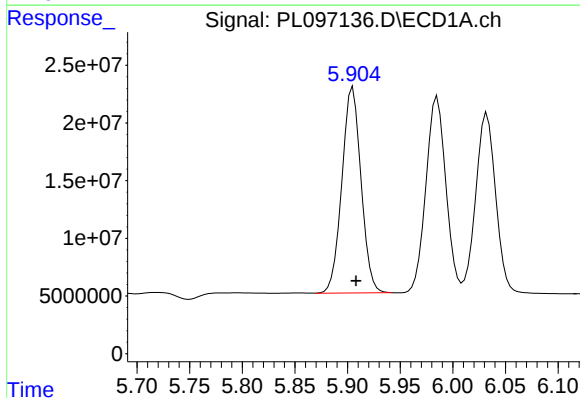
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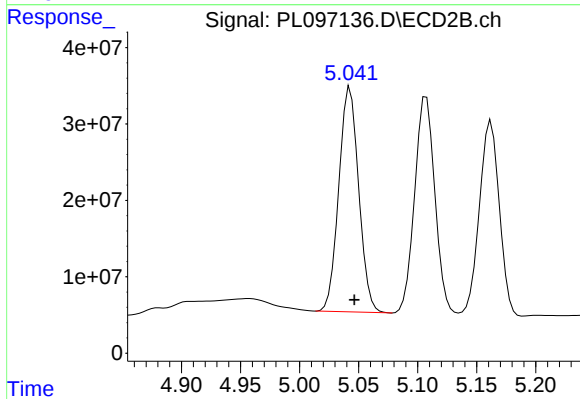
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 298830645
Conc: 49.88 ng/ml



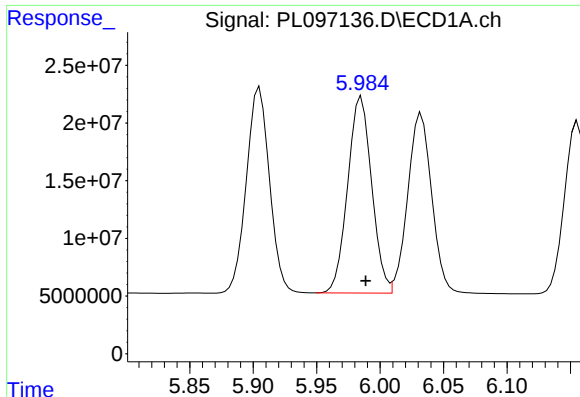
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 226615946
Conc: 49.21 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 345330768
Conc: 52.24 ng/ml



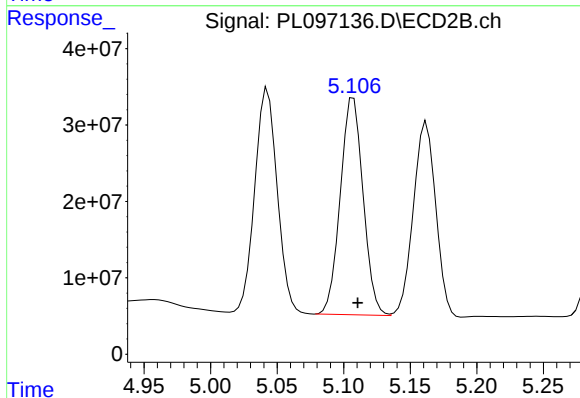
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 223925489
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

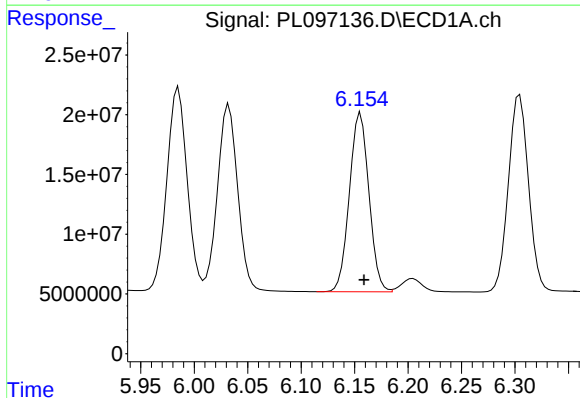
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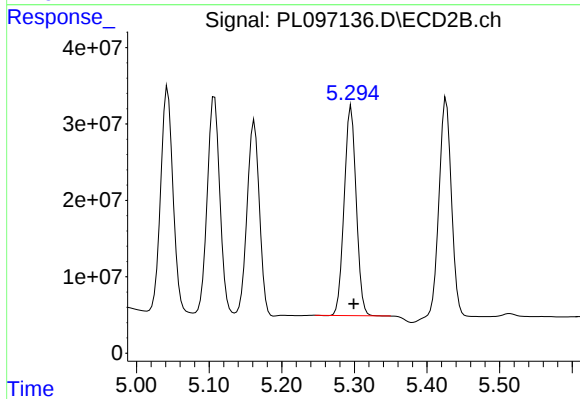
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.003 min
Response: 339332029
Conc: 51.97 ng/ml



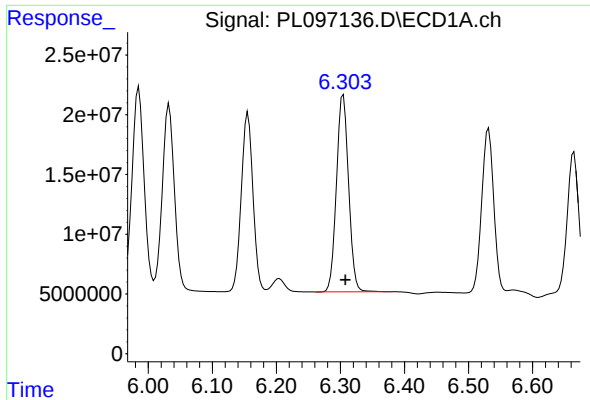
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 190361058
Conc: 47.71 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.004 min
Response: 315680704
Conc: 51.29 ng/ml



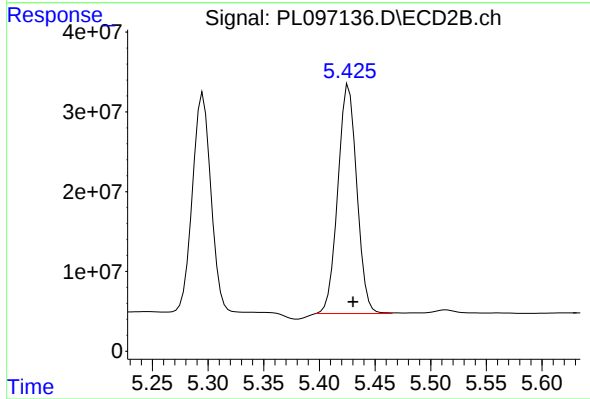
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 216973033
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

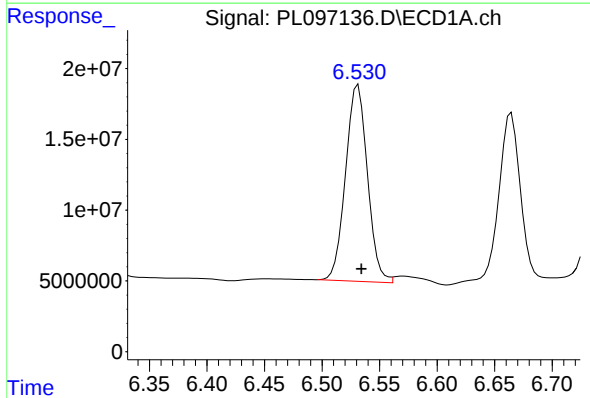
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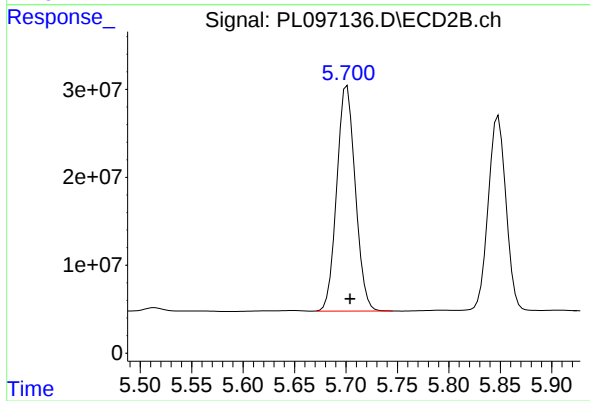
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.005 min
Response: 340792533
Conc: 52.01 ng/ml m



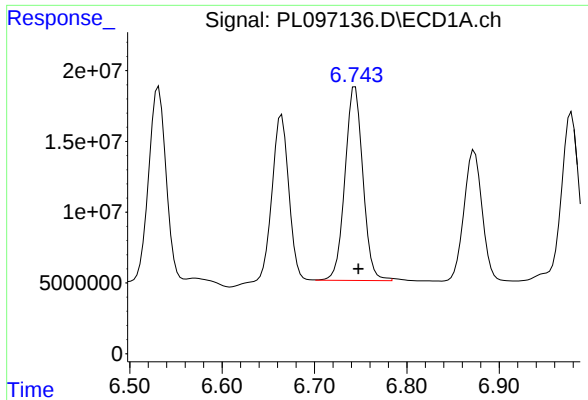
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.003 min
Response: 184623609
Conc: 49.30 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 321043794
Conc: 54.35 ng/ml



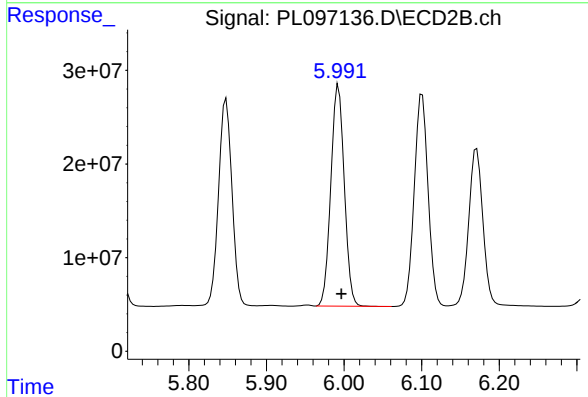
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.005 min
Response: 184307961
Conc: 41.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

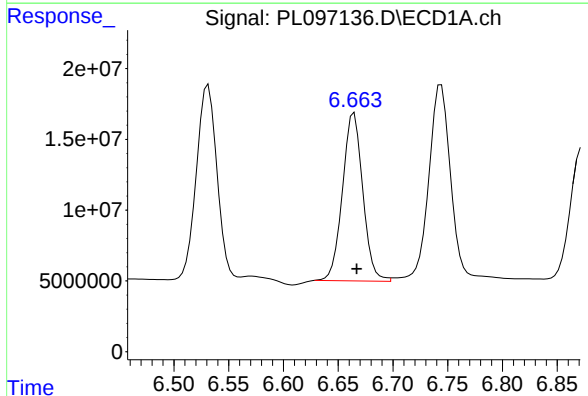
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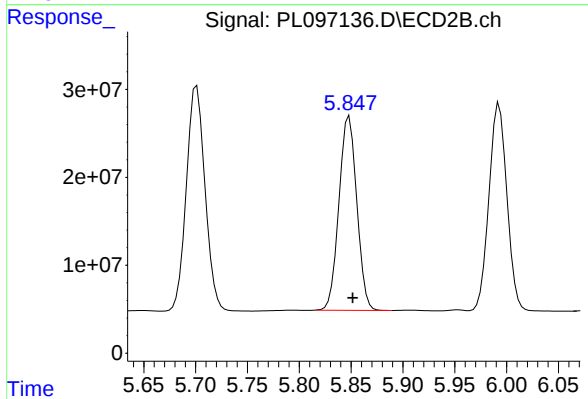
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 284519740
Conc: 49.75 ng/ml



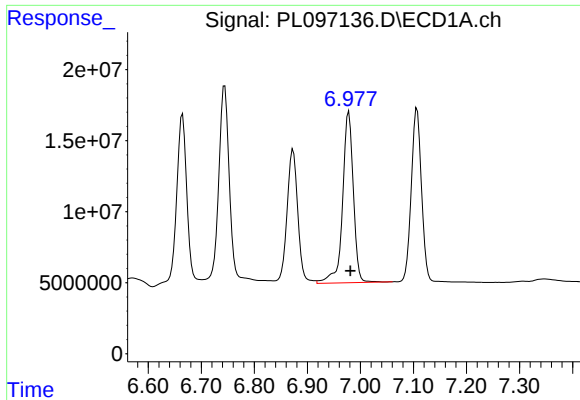
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 153616449
Conc: 48.68 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 264195282
Conc: 50.59 ng/ml



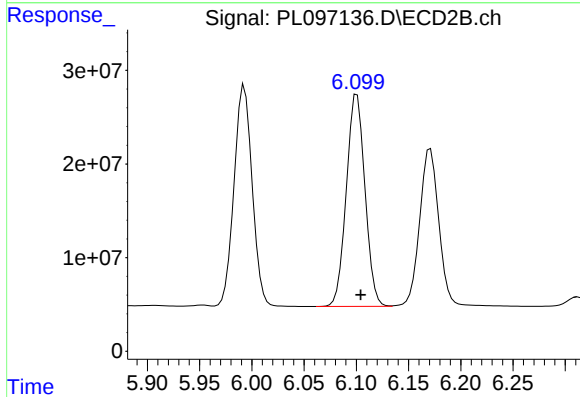
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 169237376
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

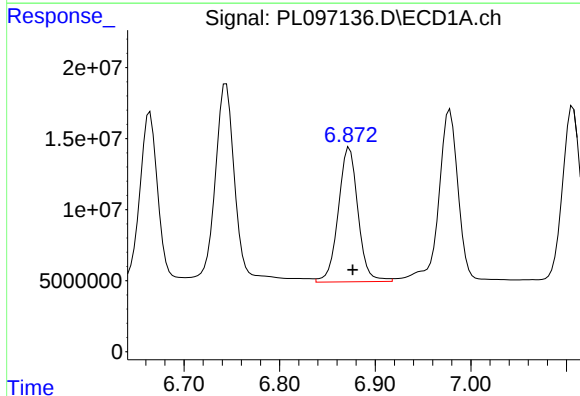
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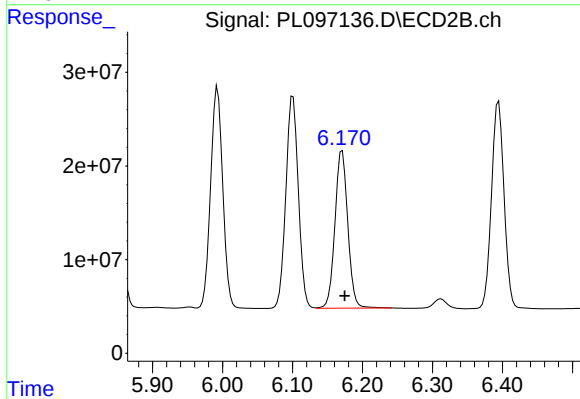
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: 281161129
Conc: 51.33 ng/ml



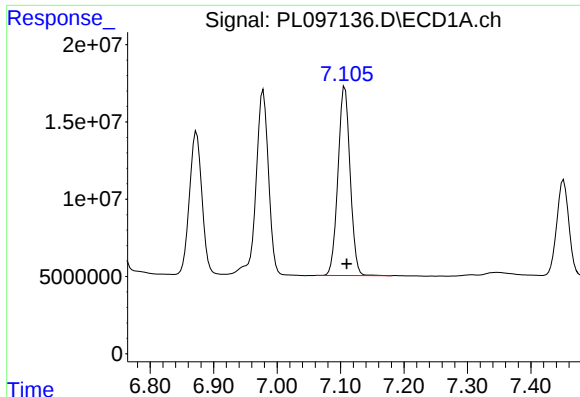
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 135875006
Conc: 52.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.004 min
Response: 214386494
Conc: 51.72 ng/ml



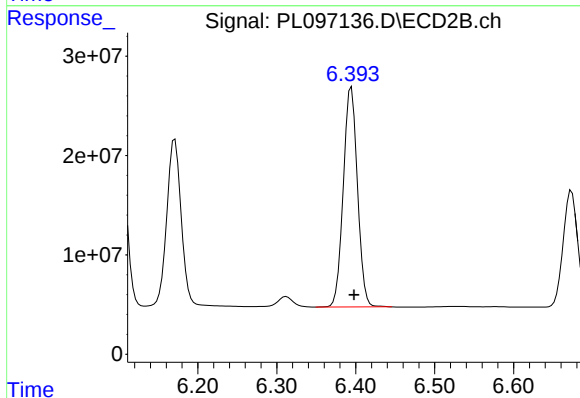
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 162713323
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

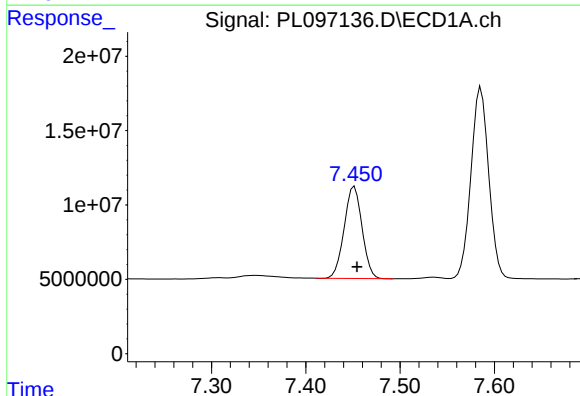
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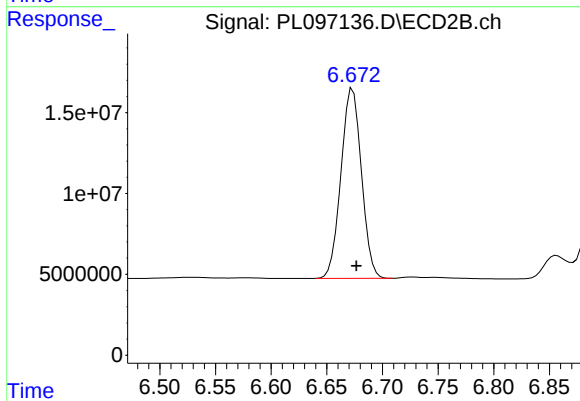
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 275816527
Conc: 49.23 ng/ml



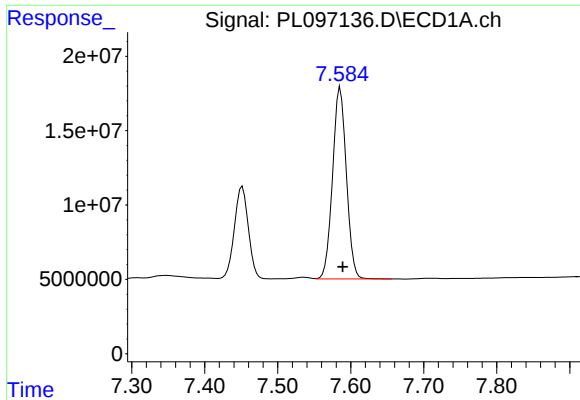
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: -0.003 min
Response: 81664937
Conc: 47.06 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 150465743
Conc: 50.16 ng/ml



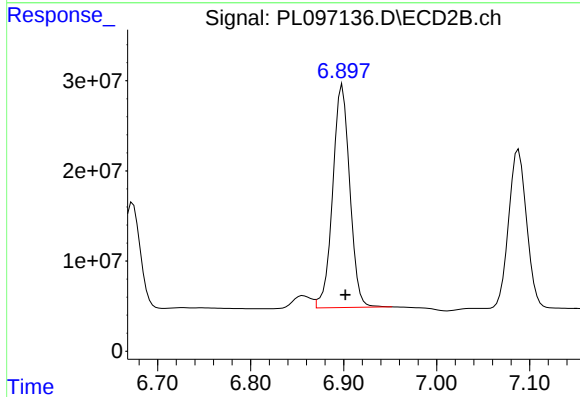
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.003 min
Response: 169218287
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

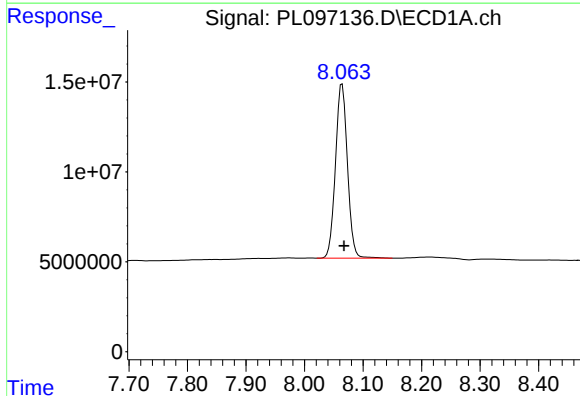
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 09/16/2025



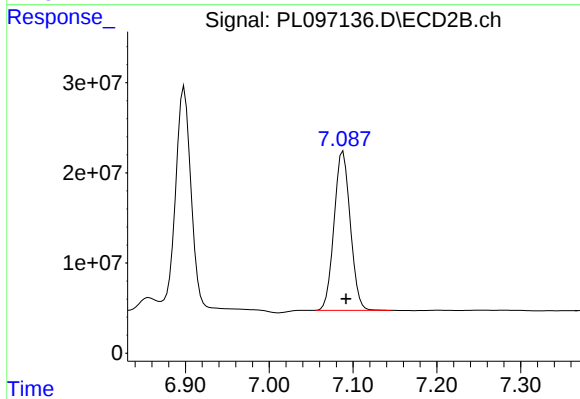
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 315366206
Conc: 50.39 ng/ml



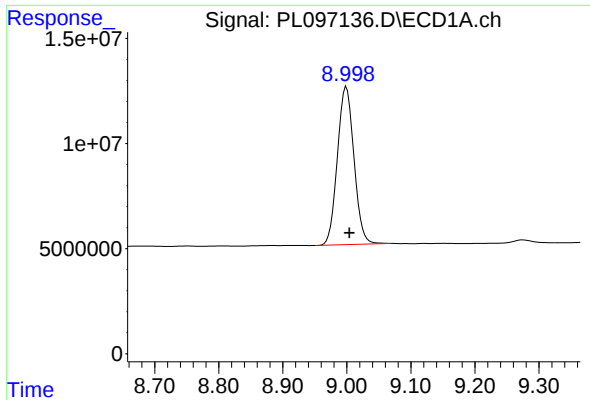
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.003 min
Response: 137625034
Conc: 46.00 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 237192674
Conc: 48.84 ng/ml



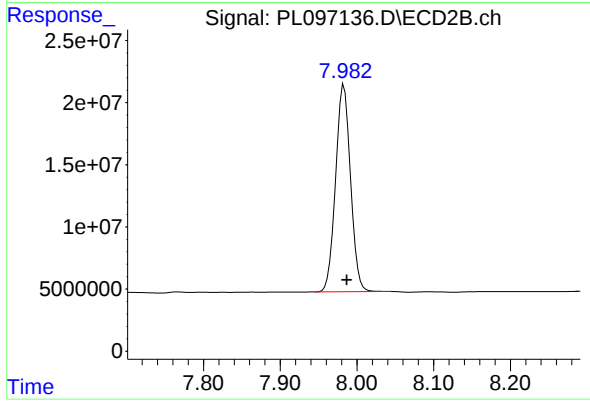
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 135259713
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 09/16/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.004 min
Response: 225458807
Conc: 47.01 ng/ml