

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092325\
 Data File : PL097362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 11:47
 Operator : AR\AJ
 Sample : PB169782BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169782BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 01:26:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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	2.823	77023023	114.6E6	17.014	17.436
28)	SA Decachlor...	8.999	7.982	59276355	98829039	18.115	17.364
Target Compounds							
2)	A alpha-BHC	3.973	3.328	361.5E6	522.2E6	51.737	52.440
3)	MA gamma-BHC...	4.301	3.660	336.8E6	483.0E6	50.928	51.858
4)	MA Heptachlor	4.892	4.007	322.6E6	451.9E6	48.367	48.561
5)	MB Aldrin	5.231	4.289	323.8E6	451.1E6	51.117	51.972
6)	B beta-BHC	4.489	3.956	137.2E6	198.4E6	50.337	48.846
7)	B delta-BHC	4.733	4.188	318.3E6	467.2E6	52.449m	50.823
8)	B Heptachlo...	5.650	4.791	298.1E6	405.6E6	51.871	51.137
9)	A Endosulfan I	6.032	5.162	265.4E6	380.9E6	51.229	49.569
10)	B gamma-Chl...	5.904	5.043	290.8E6	444.0E6	51.441	50.837
11)	B alpha-Chl...	5.984	5.107	288.7E6	426.0E6	50.823	51.327
12)	B 4,4'-DDE	6.154	5.296	252.8E6	396.5E6	53.047	51.593
13)	MA Dieldrin	6.304	5.426	281.0E6	421.9E6	51.252	51.597
14)	MA Endrin	6.530	5.701	209.5E6	340.2E6	45.418	45.300
15)	B Endosulfa...	6.744	5.993	238.4E6	356.2E6	48.474	50.104
16)	A 4,4'-DDD	6.664	5.848	216.2E6	354.9E6	57.338	55.031
17)	MA 4,4'-DDT	6.978	6.100	185.7E6	293.1E6	43.927	42.353
18)	B Endrin al...	6.872	6.171	173.5E6	270.2E6	56.275	50.633
19)	B Endosulfa...	7.106	6.394	208.8E6	337.9E6	51.150	49.324
20)	A Methoxychlor	7.451	6.672	87648949	153.8E6	42.030	40.795
21)	B Endrin ke...	7.585	6.898	232.3E6	408.2E6	54.730	54.206
22)	Mirex	8.063	7.087	166.3E6	284.0E6	46.829	47.498

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092325\
Data File : PL097362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:47
Operator : AR\AJ
Sample : PB169782BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

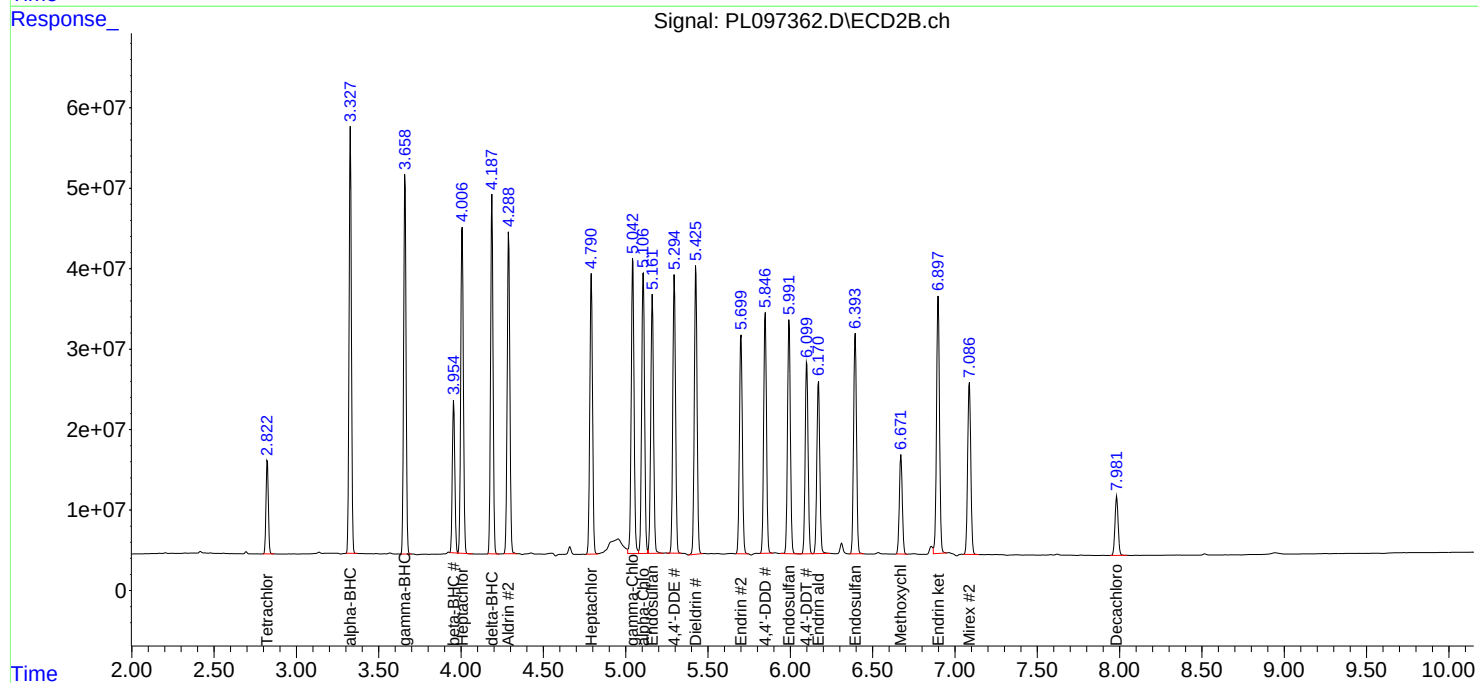
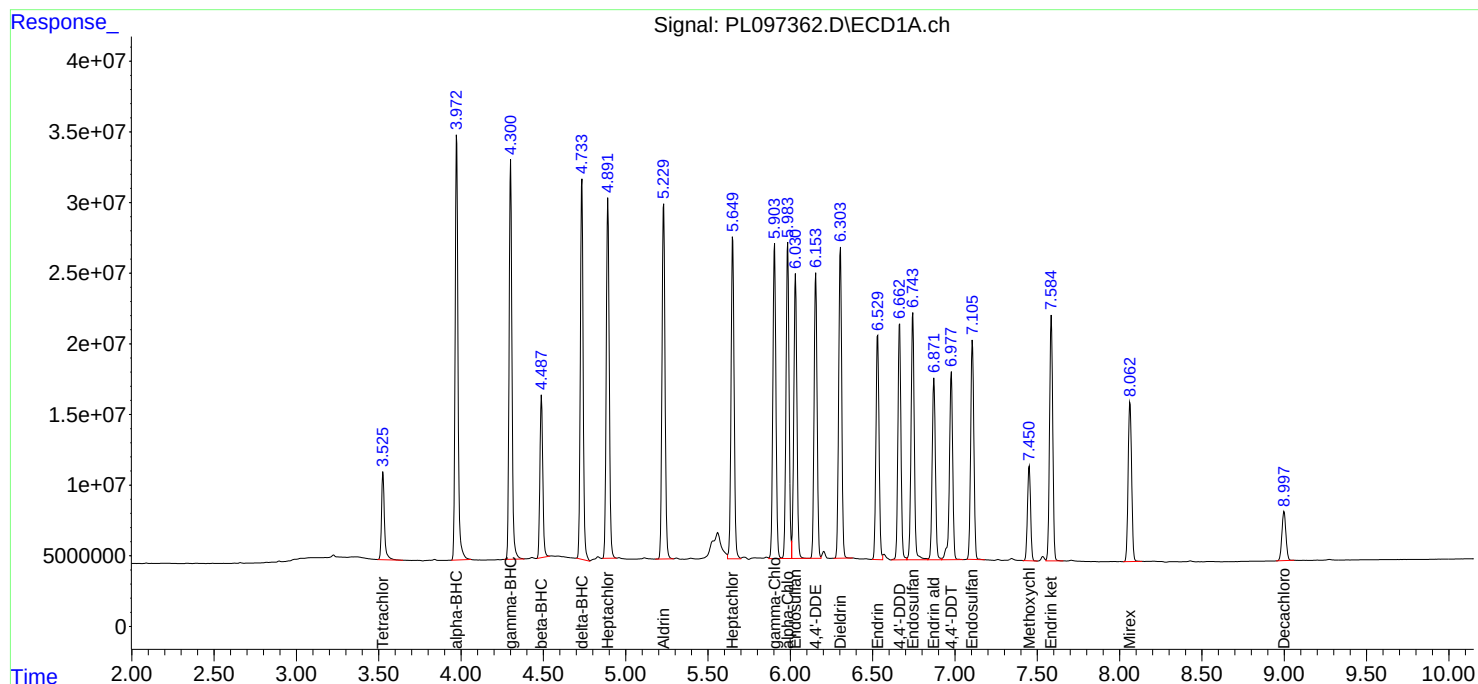
Instrument :
ECD_L
ClientSampleId :
PB169782BS

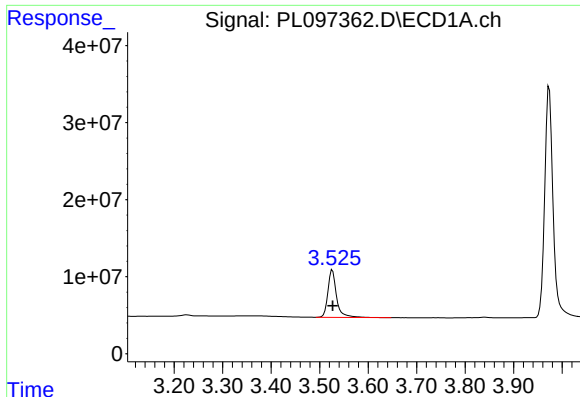
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 01:26:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
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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: 77023023
Conc: 17.01 ng/ml

Instrument :

ECD_L

ClientSampleId :

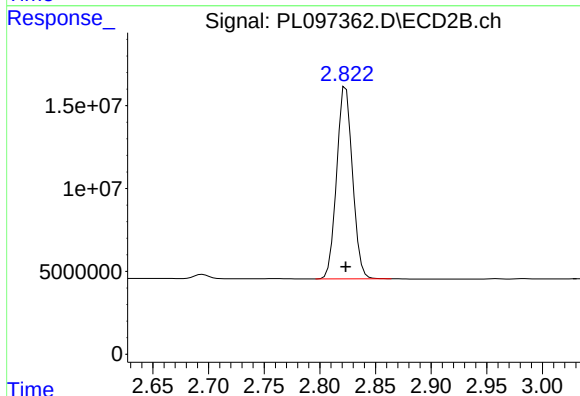
PB169782BS

Manual Integrations

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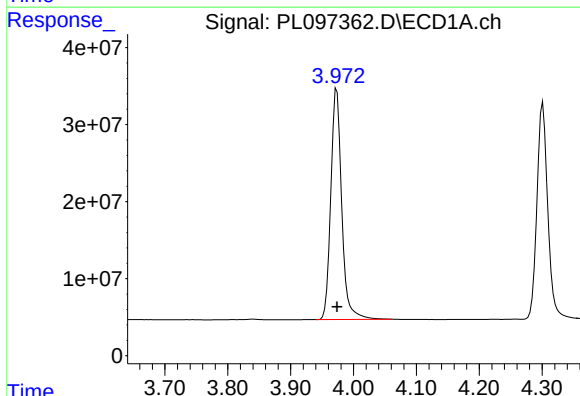
Reviewed By :Abdul Mirza 09/24/2025

Supervised By :mohammad ahmed 09/25/2025



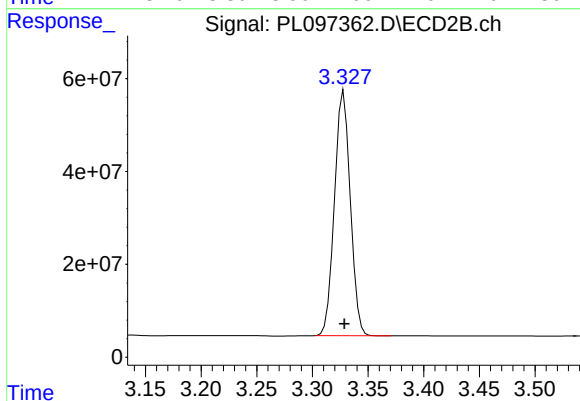
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 114649267
Conc: 17.44 ng/ml



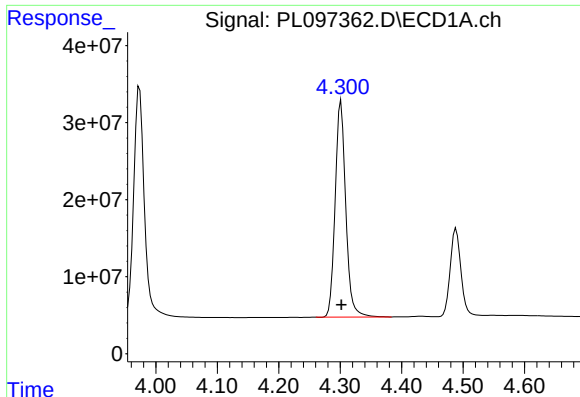
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: 0.000 min
Response: 361506714
Conc: 51.74 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 522174147
Conc: 52.44 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 336793966
Conc: 50.93 ng/ml

Instrument :

ECD_L

ClientSampleId :

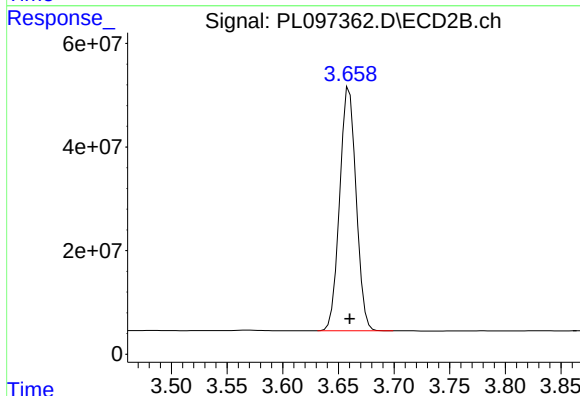
PB169782BS

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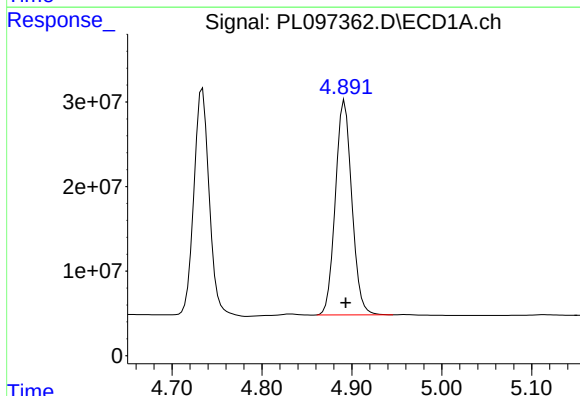
Reviewed By :Abdul Mirza 09/24/2025

Supervised By :mohammad ahmed 09/25/2025



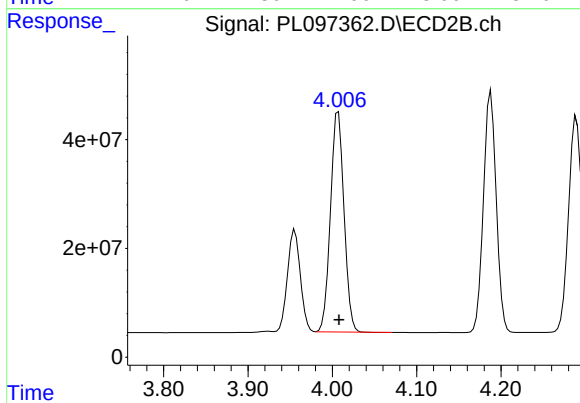
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 483035283
Conc: 51.86 ng/ml



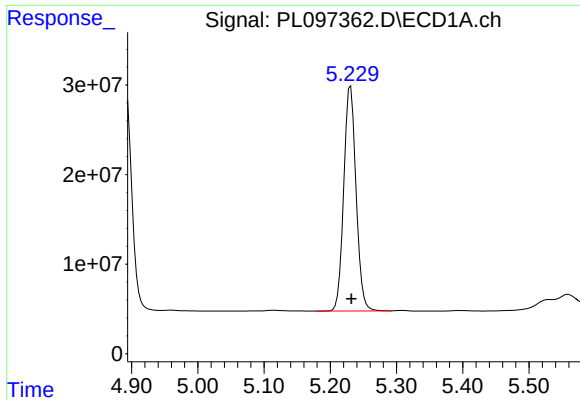
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 322612773
Conc: 48.37 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 451866931
Conc: 48.56 ng/ml



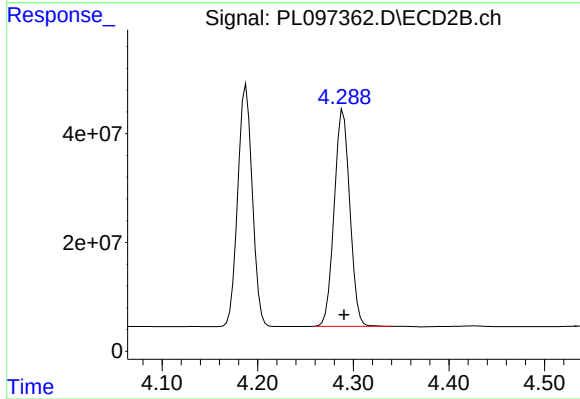
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 323767603
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

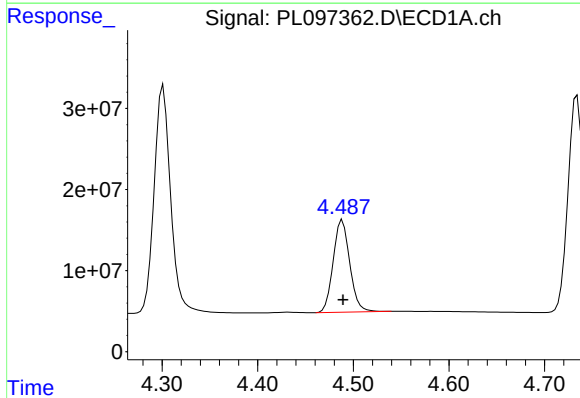
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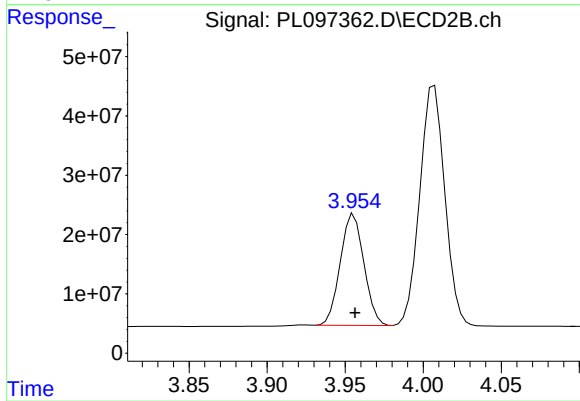
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 451082997
Conc: 51.97 ng/ml



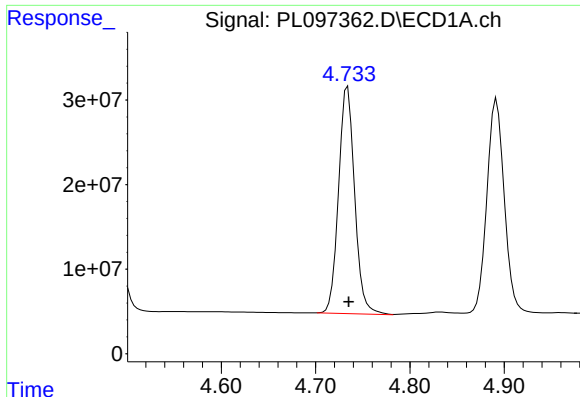
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 137226911
Conc: 50.34 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 198413963
Conc: 48.85 ng/ml



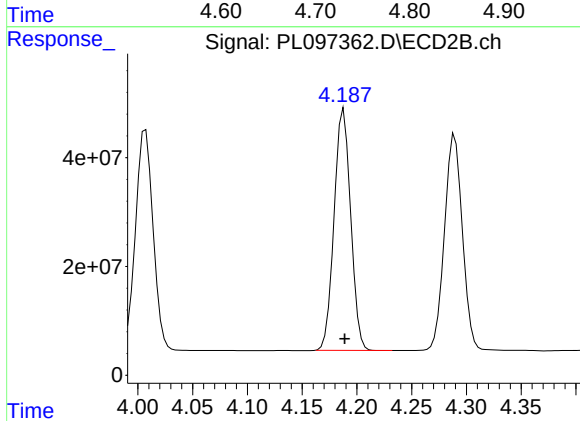
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 318275789
Conc: 52.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

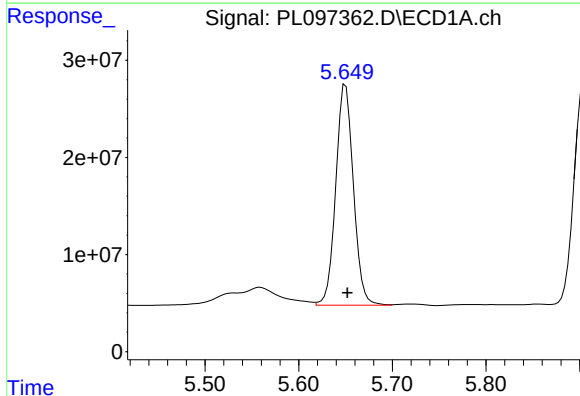
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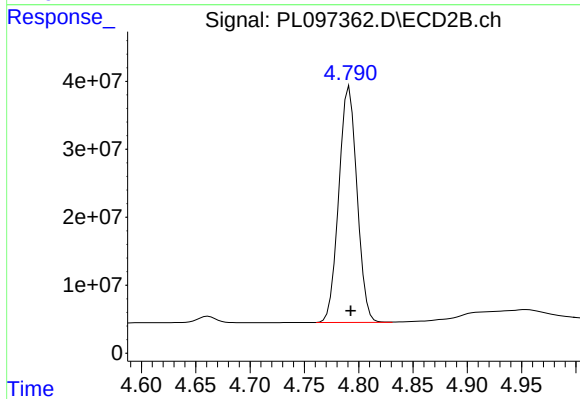
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 467178475
Conc: 50.82 ng/ml



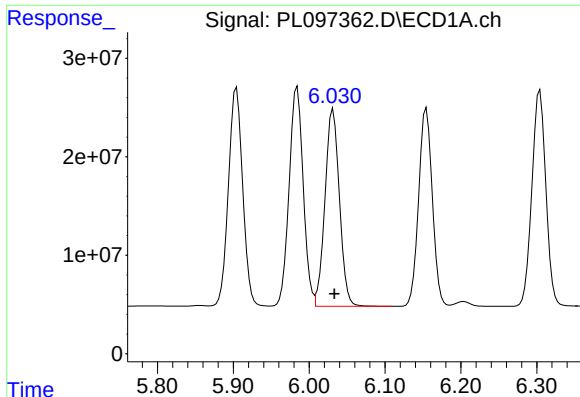
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 298101708
Conc: 51.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.001 min
Response: 405595426
Conc: 51.14 ng/ml



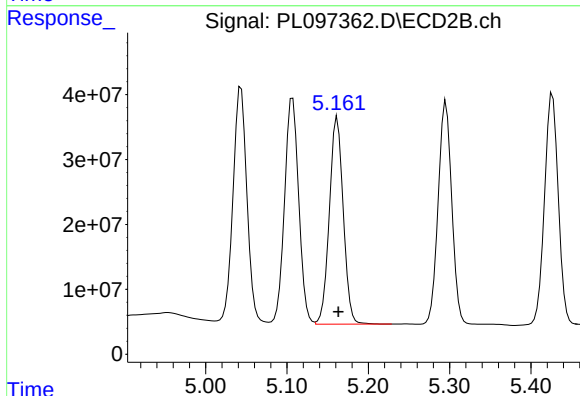
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 265434515
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

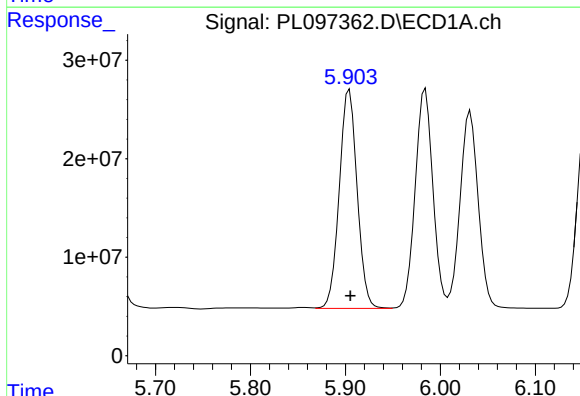
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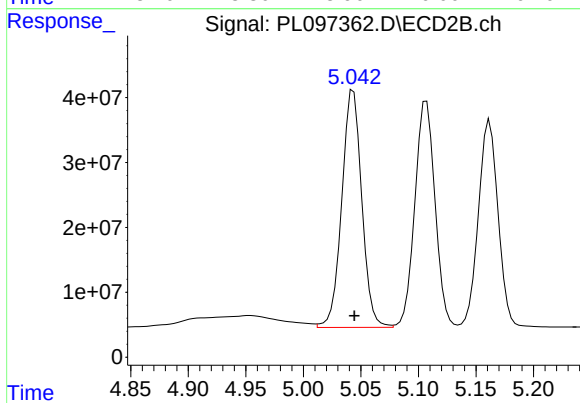
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.001 min
Response: 380872333
Conc: 49.57 ng/ml



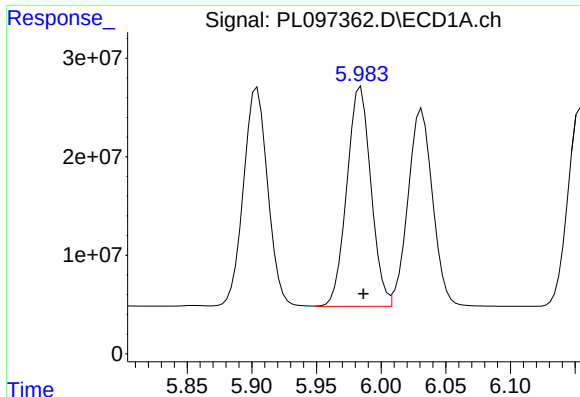
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.001 min
Response: 290825216
Conc: 51.44 ng/ml



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 444005132
Conc: 50.84 ng/ml



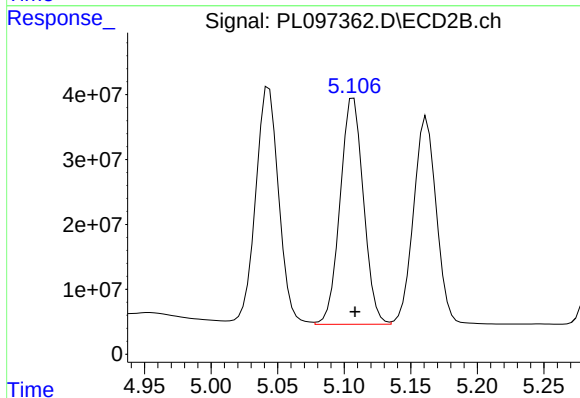
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.002 min
Response: 288669119
Conc: 50.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

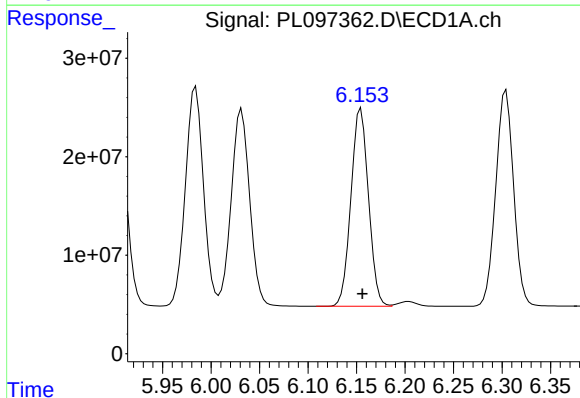
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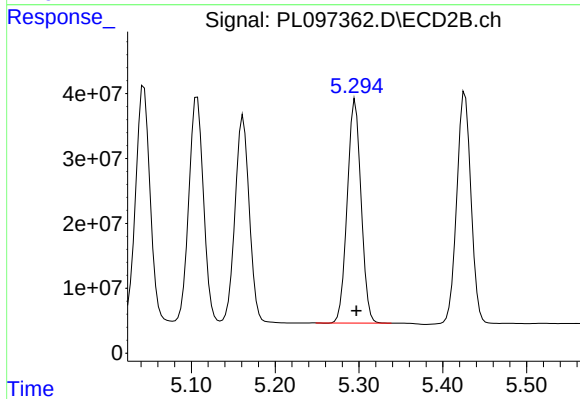
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.001 min
Response: 426036420
Conc: 51.33 ng/ml



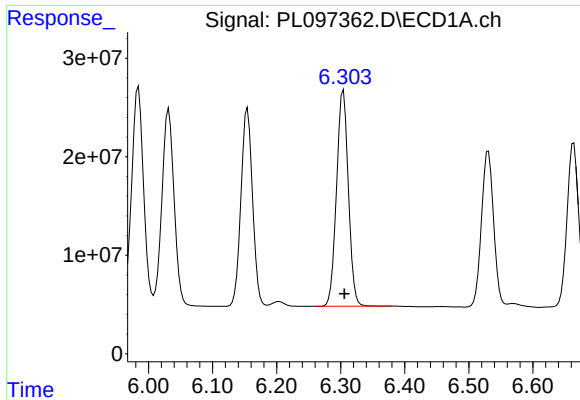
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 252752900
Conc: 53.05 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.001 min
Response: 396478589
Conc: 51.59 ng/ml



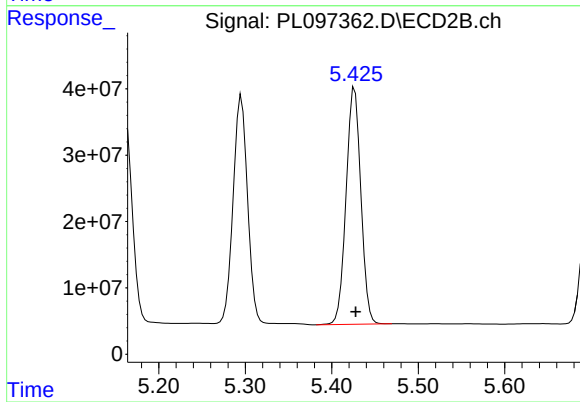
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.001 min
Response: 280973883
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

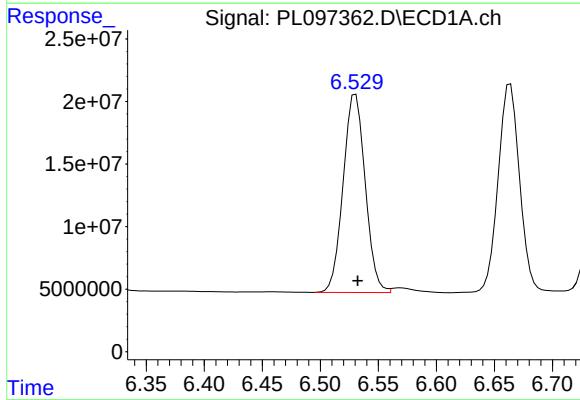
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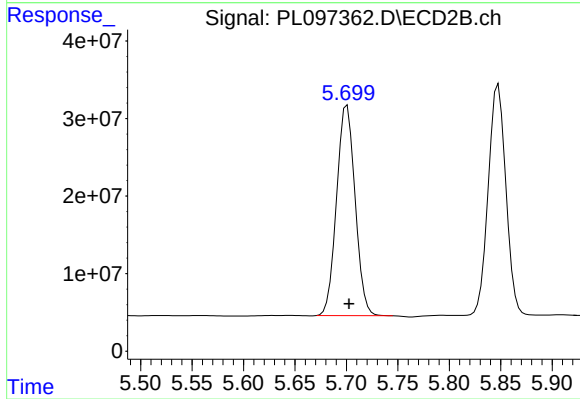
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.001 min
Response: 421899913
Conc: 51.60 ng/ml



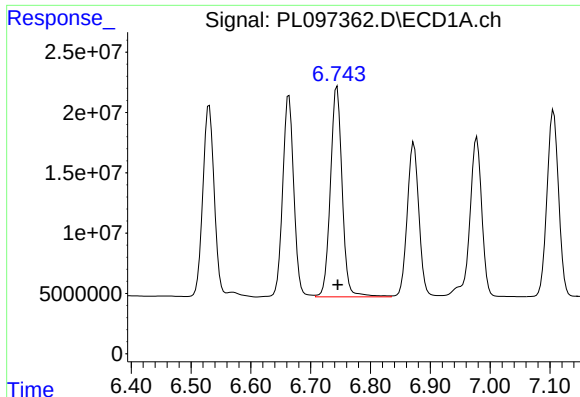
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 209519776
Conc: 45.42 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 340226714
Conc: 45.30 ng/ml



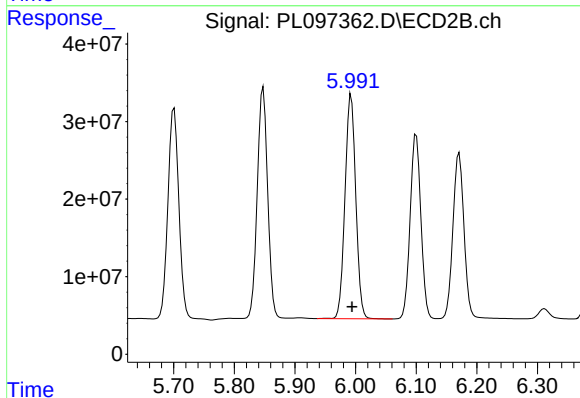
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 238411146
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

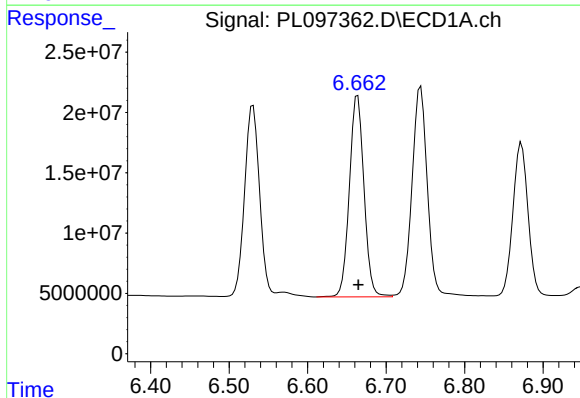
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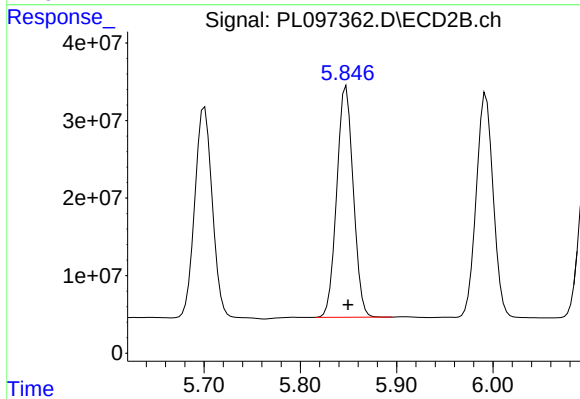
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.002 min
Response: 356203587
Conc: 50.10 ng/ml



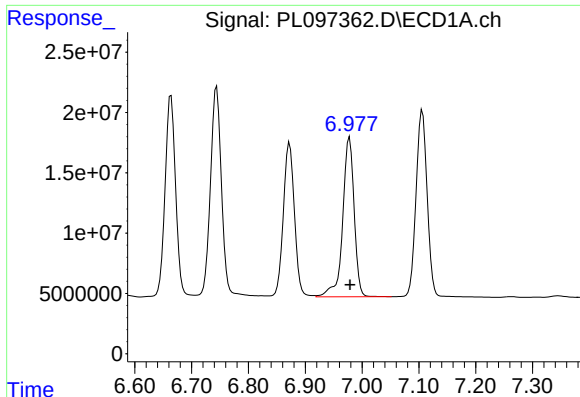
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: -0.001 min
Response: 216194463
Conc: 57.34 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 354900415
Conc: 55.03 ng/ml



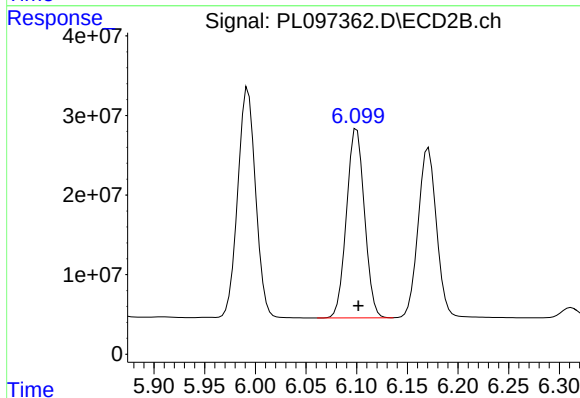
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 185688606
Conc: 43.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

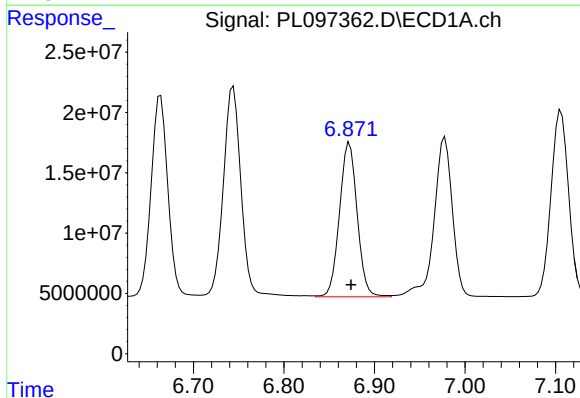
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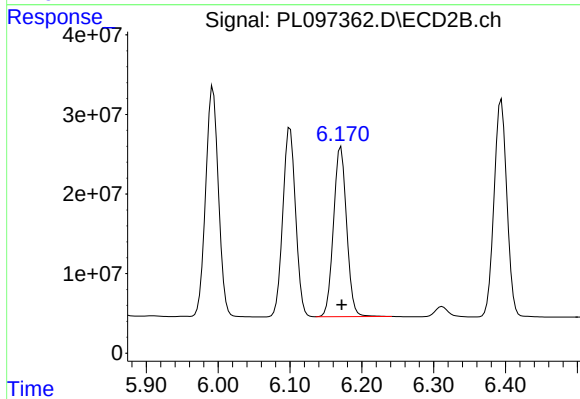
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.001 min
Response: 293101895
Conc: 42.35 ng/ml



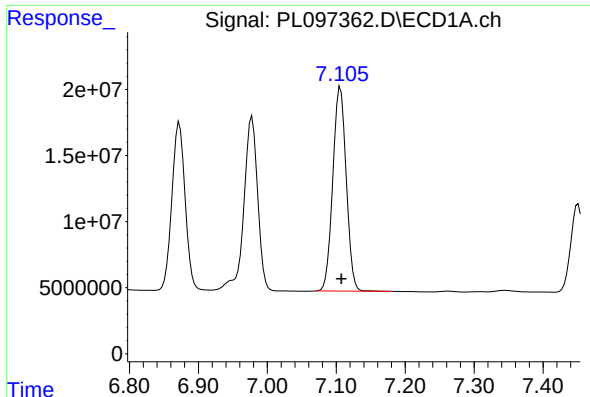
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.002 min
Response: 173484907
Conc: 56.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 270247036
Conc: 50.63 ng/ml



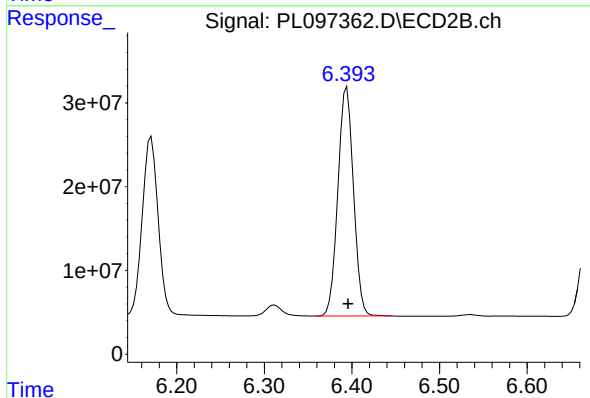
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 208832408
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

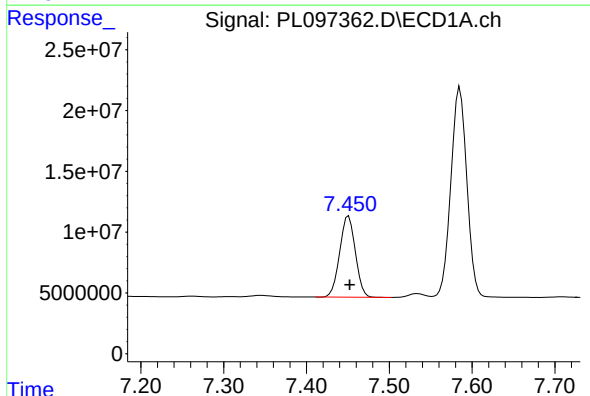
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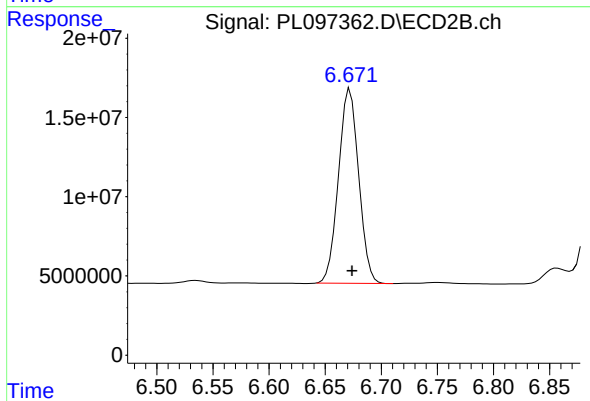
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 337858824
Conc: 49.32 ng/ml



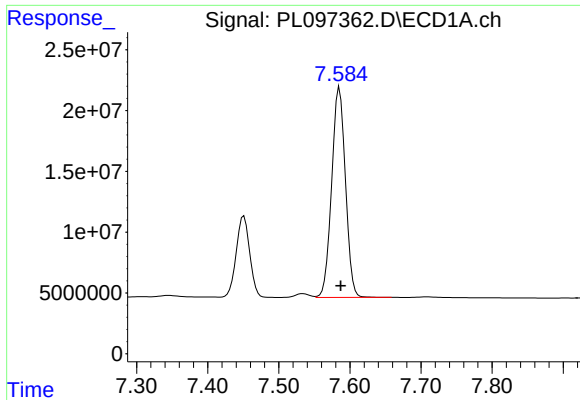
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.001 min
Response: 87648949
Conc: 42.03 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 153773957
Conc: 40.79 ng/ml



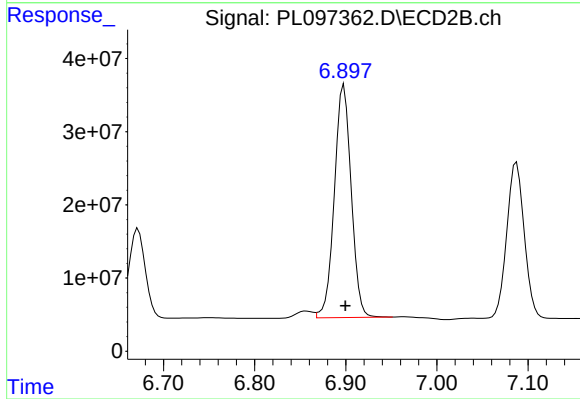
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.002 min
Response: 232291255
Conc: 54.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

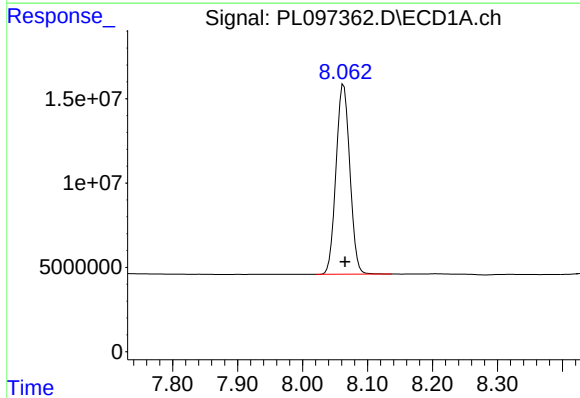
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Reviewed By :Abdul Mirza 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



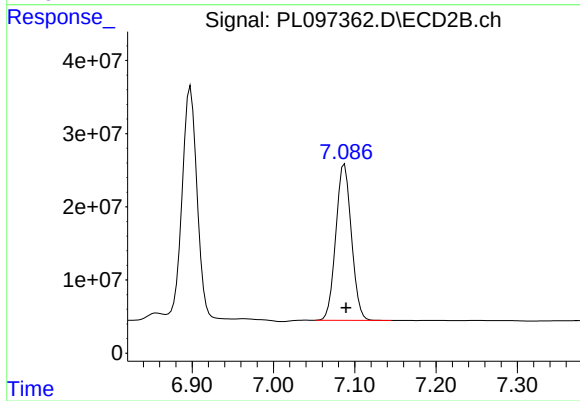
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.002 min
Response: 408184168
Conc: 54.21 ng/ml



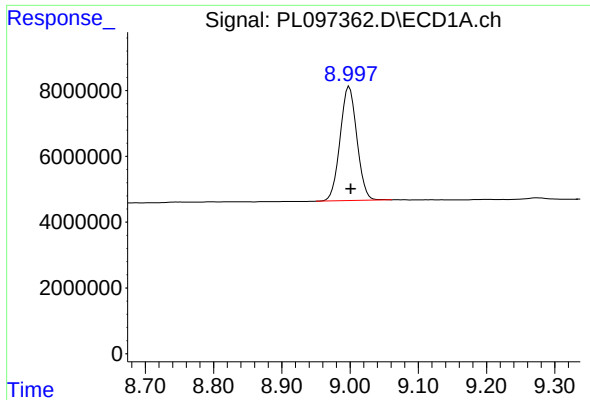
#22 Mirex

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 166257871
Conc: 46.83 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 283976793
Conc: 47.50 ng/ml



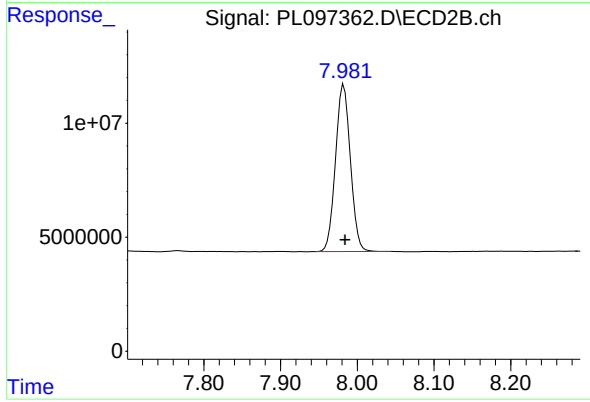
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.002 min
Response: 59276355
Conc: 18.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 98829039
Conc: 17.36 ng/ml