

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092925\
 Data File : PL097410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 16:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/30/2025
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:29:49 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...	3.525	2.822	211.9E6	301.3E6	46.799	45.828
2)	SA Decachlor...	8.997	7.981	153.5E6	235.3E6	46.925	41.344
Target Compounds							
2)	A alpha-BHC	3.971	3.326	353.1E6	497.0E6	50.538	49.915
3)	MA gamma-BHC...	4.299	3.658	331.4E6	460.5E6	50.115	49.443
4)	MA Heptachlor	4.890	4.006	331.3E6	457.2E6	49.662	49.132
5)	MB Aldrin	5.229	4.288	309.2E6	427.7E6	48.821	49.284
6)	B beta-BHC	4.487	3.954	136.5E6	191.9E6	50.084	47.250
7)	B delta-BHC	4.731	4.186	315.1E6	450.6E6	51.928m	49.022
8)	B Heptachlo...	5.648	4.789	296.5E6	391.1E6	51.600	49.316
9)	A Endosulfan I	6.030	5.160	258.0E6	360.9E6	49.792	46.974
10)	B gamma-Chl...	5.903	5.041	288.2E6	420.5E6	50.974	48.148
11)	B alpha-Chl...	5.983	5.105	281.4E6	404.3E6	49.535	48.710
12)	B 4,4'-DDE	6.153	5.294	245.5E6	375.4E6	51.528	48.846
13)	MA Dieldrin	6.302	5.425	269.6E6	405.6E6	49.180	49.600
14)	MA Endrin	6.529	5.699	228.7E6	368.0E6	49.584	48.992
15)	B Endosulfa...	6.742	5.991	239.8E6	337.8E6	48.758	47.515
16)	A 4,4'-DDD	6.662	5.846	200.7E6	311.4E6	53.234	48.284
17)	MA 4,4'-DDT	6.976	6.099	213.5E6	328.5E6	50.507	47.469
18)	B Endrin al...	6.871	6.169	169.9E6	254.0E6	55.122	47.594
19)	B Endosulfa...	7.105	6.393	202.7E6	319.8E6	49.652	46.688
20)	A Methoxychlor	7.450	6.671	104.5E6	171.8E6	50.125	45.585
21)	B Endrin ke...	7.584	6.897	215.6E6	367.6E6	50.808	48.818
22)	Mirex	8.062	7.086	149.8E6	244.4E6	42.197	40.874

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092925\
Data File : PL097410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 16:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

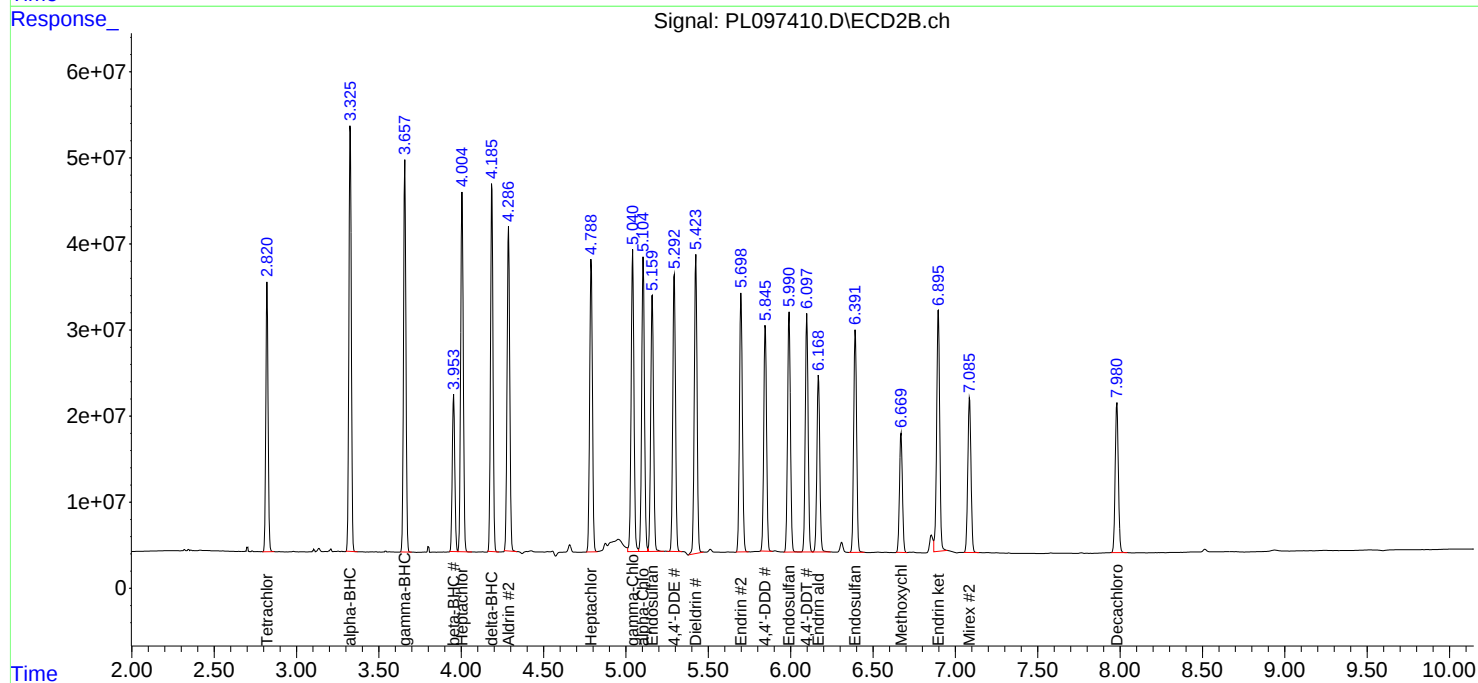
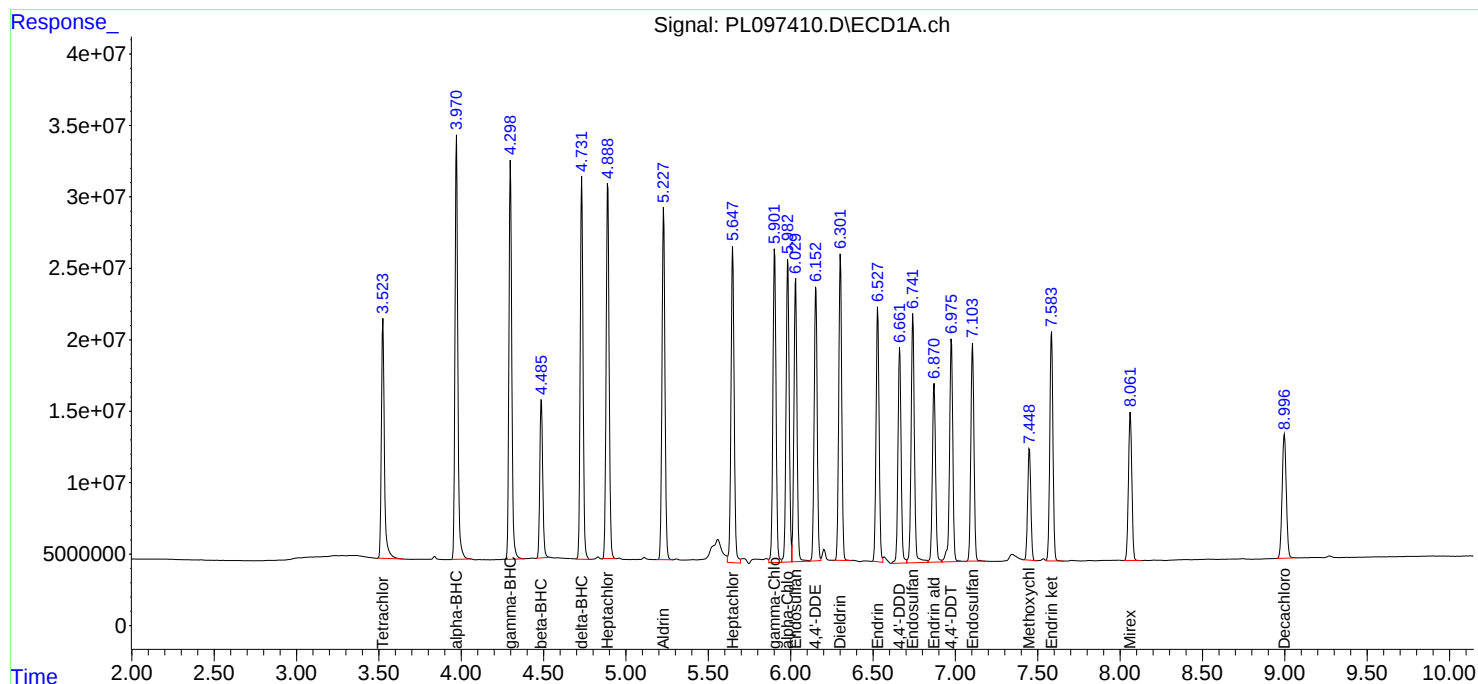
APPROVED

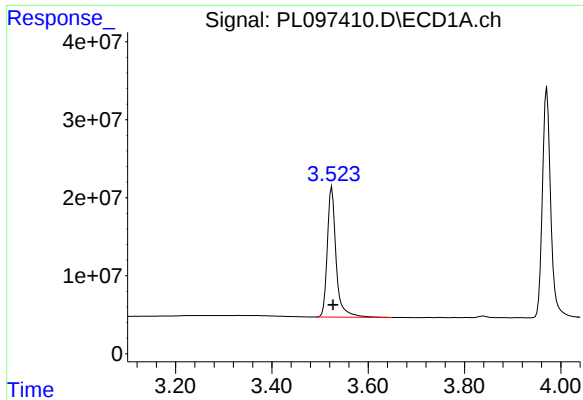
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:29:49 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





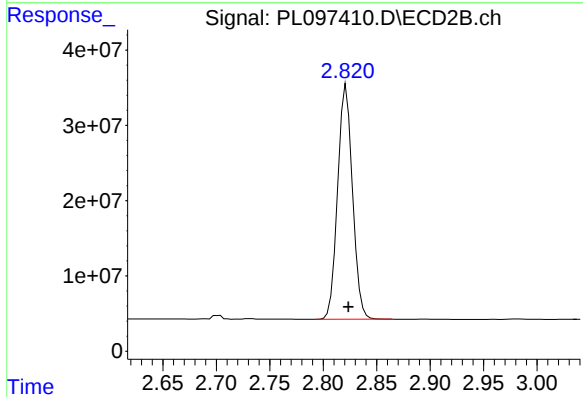
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 211864798
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

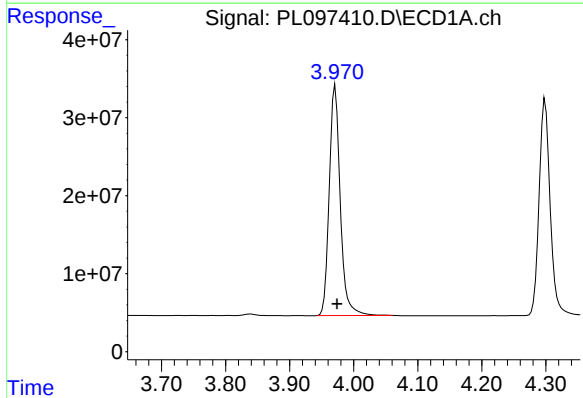
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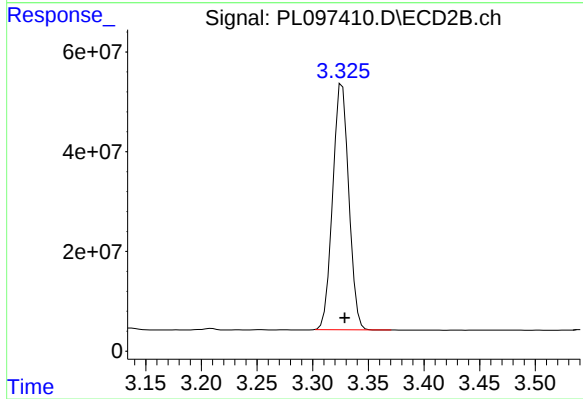
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.002 min
Response: 301342393
Conc: 45.83 ng/ml



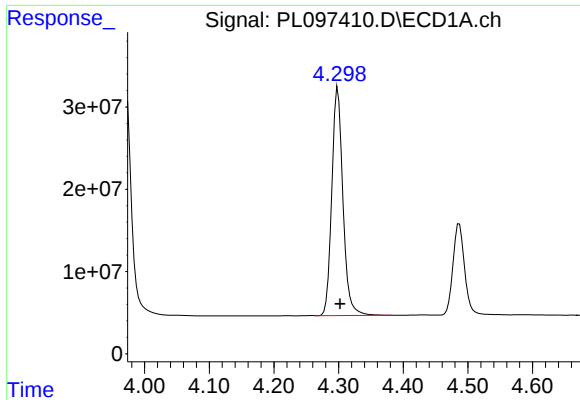
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: -0.003 min
Response: 353131371
Conc: 50.54 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: -0.002 min
Response: 497035306
Conc: 49.92 ng/ml



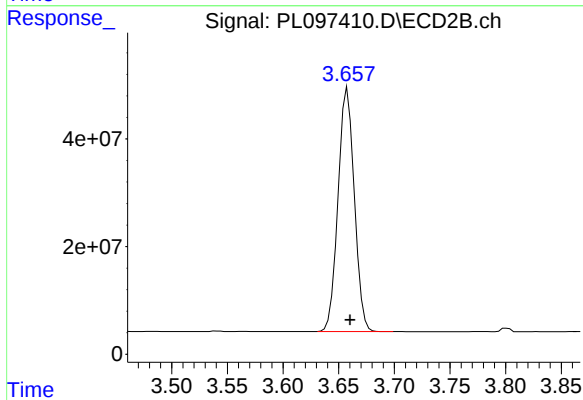
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: -0.003 min
Response: 331418684
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

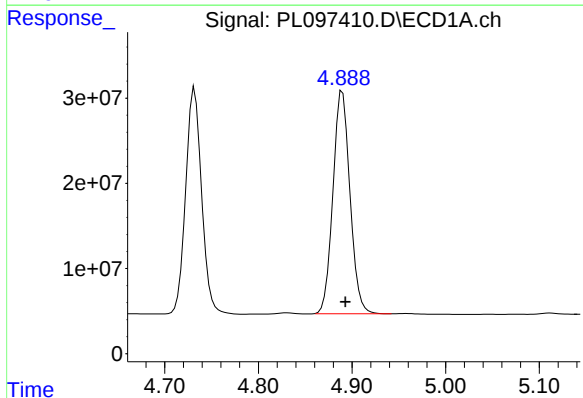
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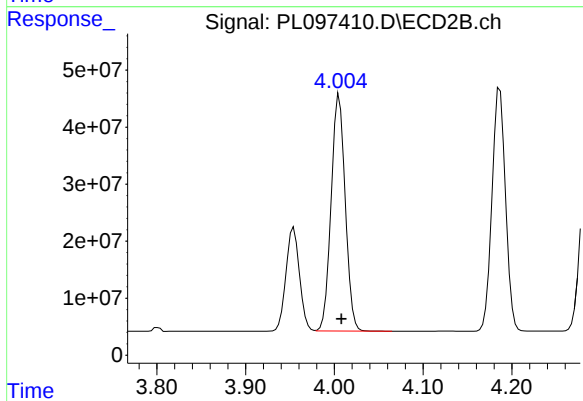
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 460545341
Conc: 49.44 ng/ml



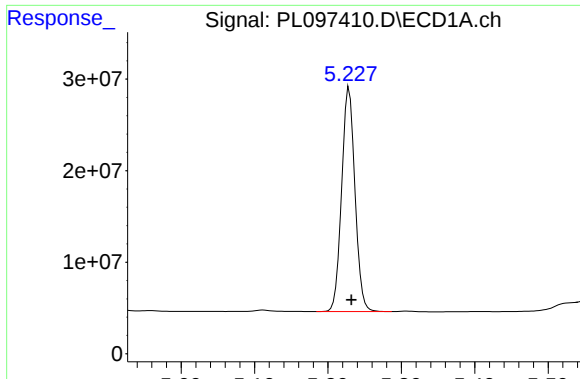
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 331253056
Conc: 49.66 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 457179679
Conc: 49.13 ng/ml



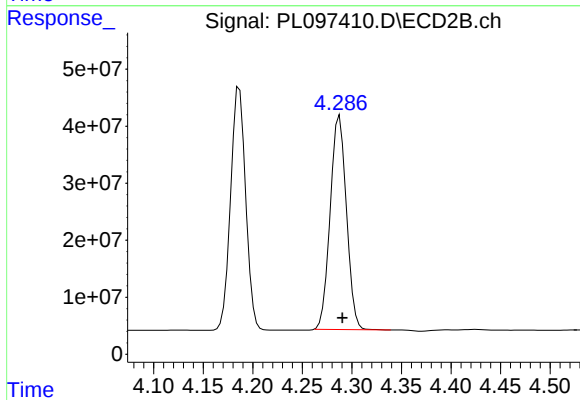
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 309225271
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

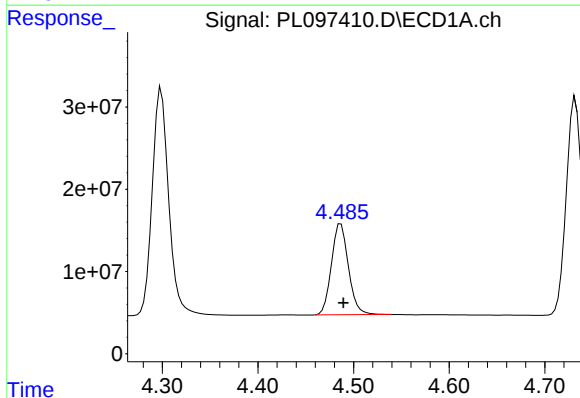
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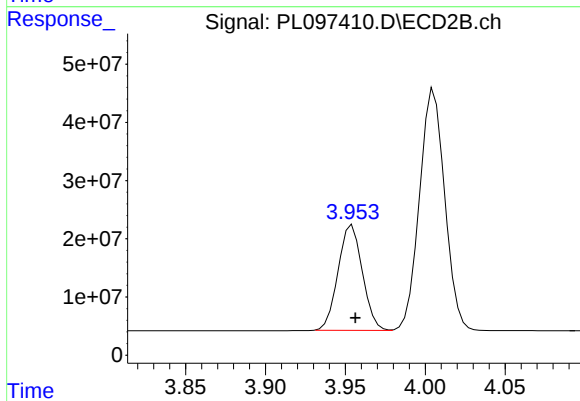
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 427749607
Conc: 49.28 ng/ml



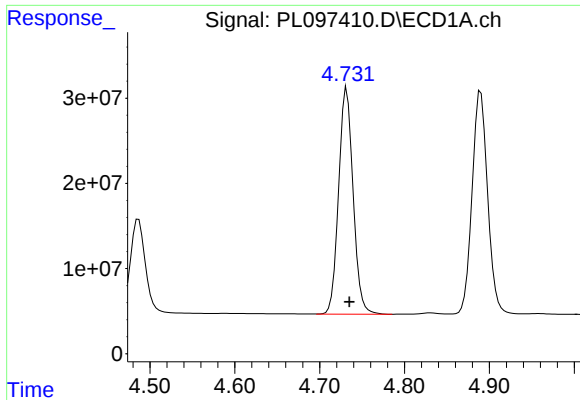
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 136538191
Conc: 50.08 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.002 min
Response: 191932064
Conc: 47.25 ng/ml



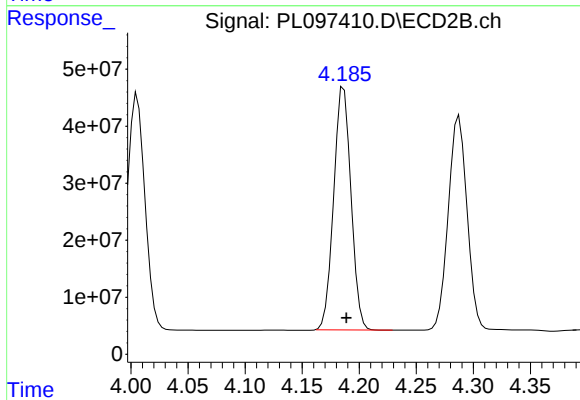
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.005 min
Response: 315113818
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

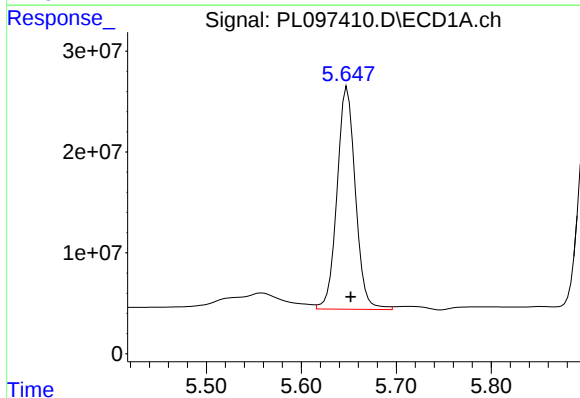
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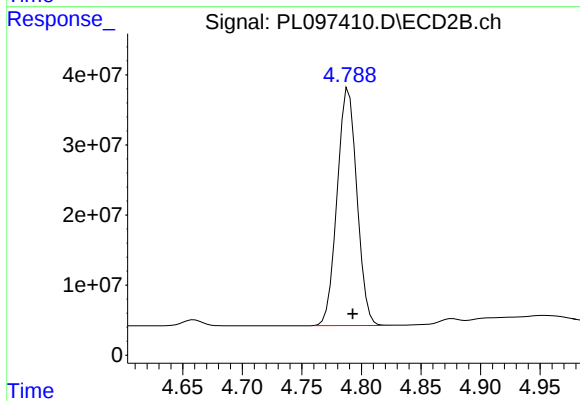
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: -0.002 min
Response: 450618109
Conc: 49.02 ng/ml



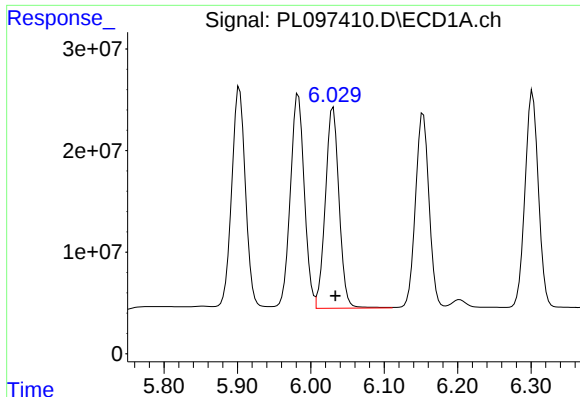
#8 Heptachlor epoxide

R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 296544578
Conc: 51.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: -0.003 min
Response: 391149932
Conc: 49.32 ng/ml



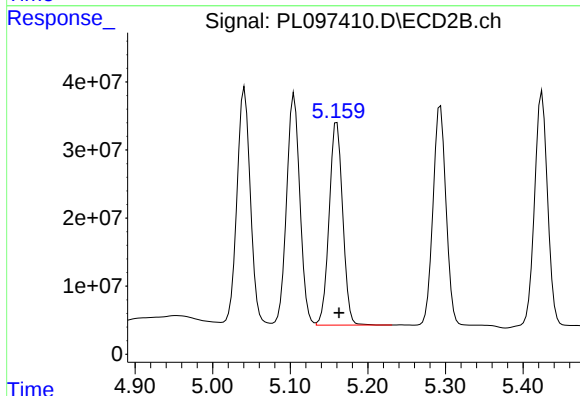
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 257987803
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

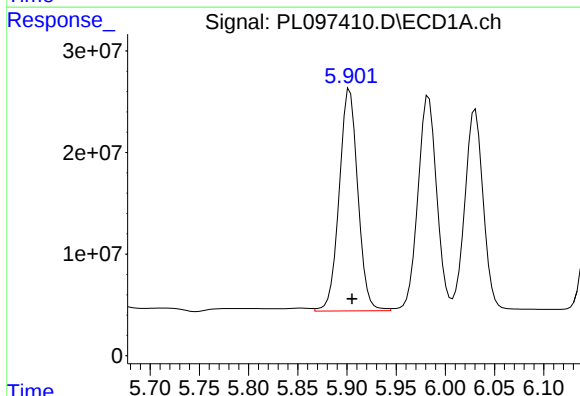
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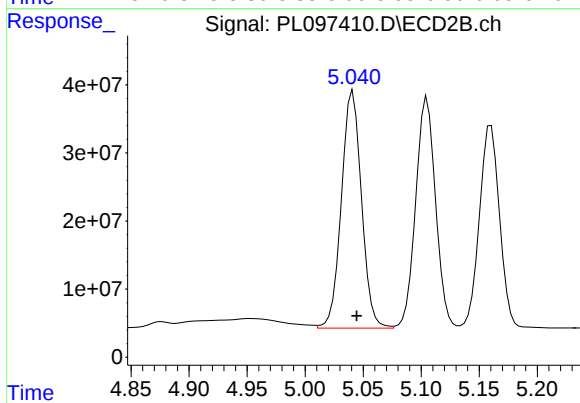
#9 Endosulfan I

R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 360929894
Conc: 46.97 ng/ml



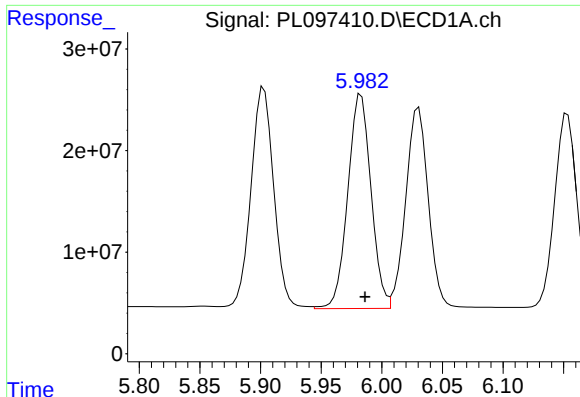
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 288182382
Conc: 50.97 ng/ml



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 420515117
Conc: 48.15 ng/ml



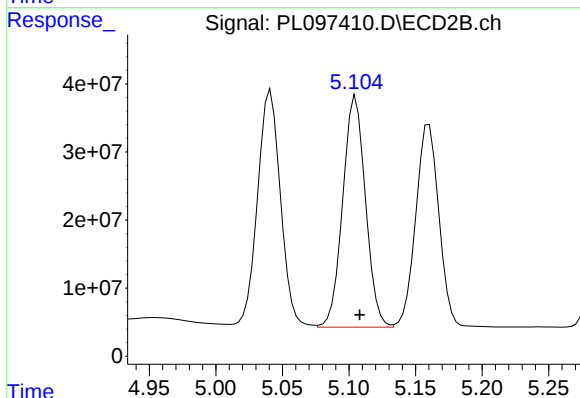
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: -0.003 min
Response: 281356419
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

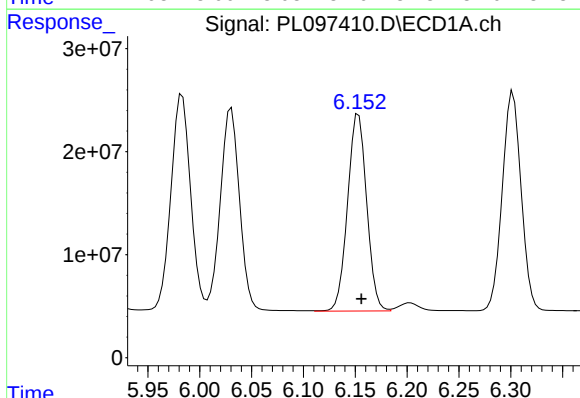
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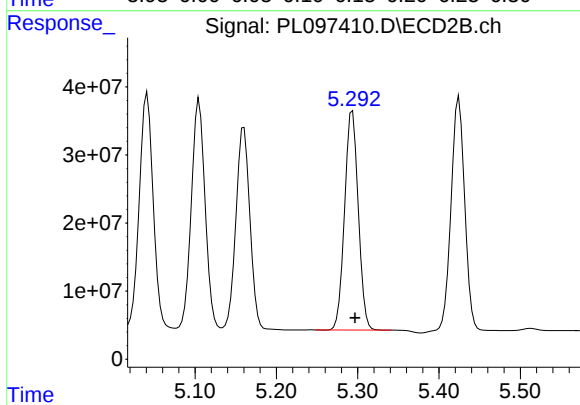
#11 alpha-Chlordane

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 404313749
Conc: 48.71 ng/ml



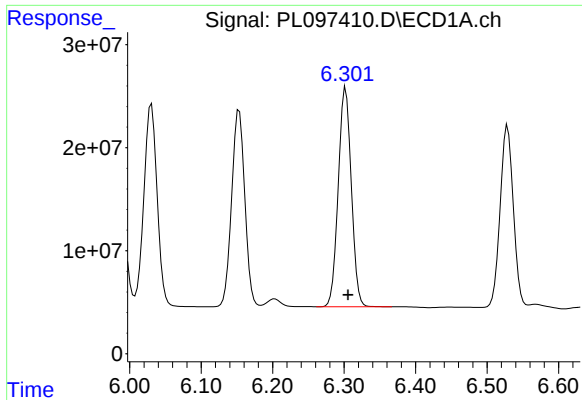
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 245517222
Conc: 51.53 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 375366324
Conc: 48.85 ng/ml



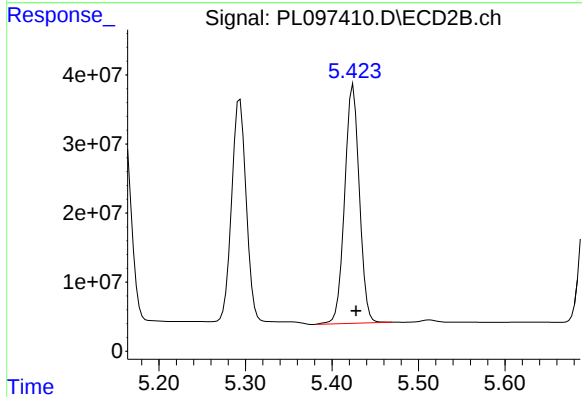
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 269610234
Conc: 49.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

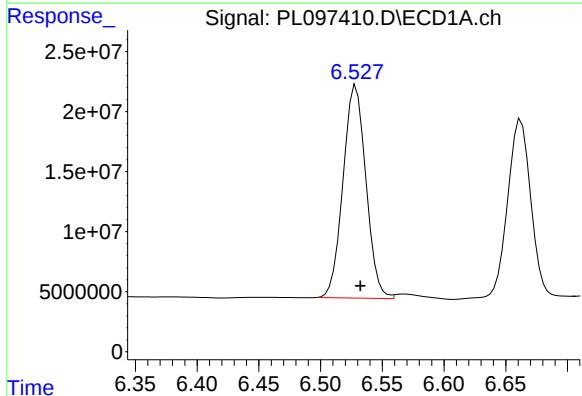
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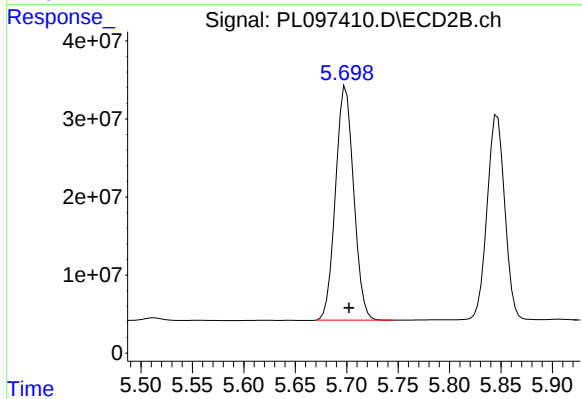
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 405570084
Conc: 49.60 ng/ml



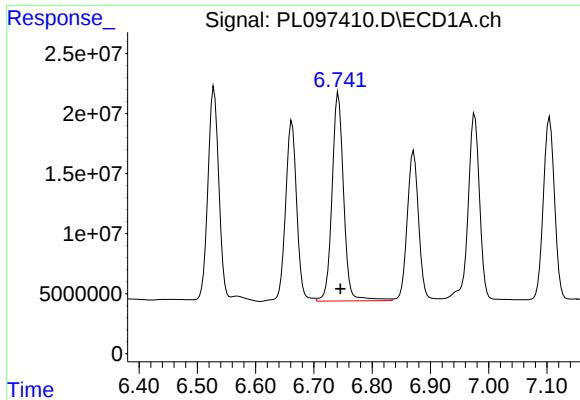
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 228739824
Conc: 49.58 ng/ml



#14 Endrin

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 367958541
Conc: 48.99 ng/ml



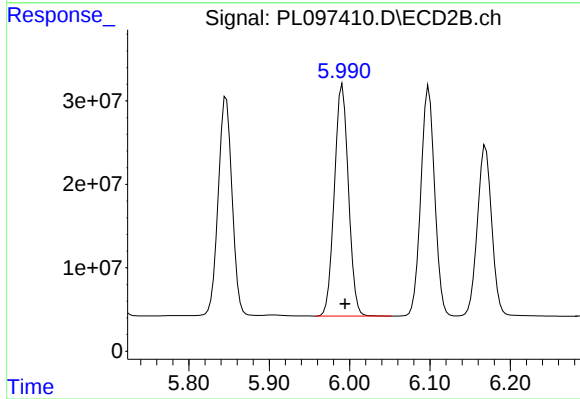
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 239808882
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

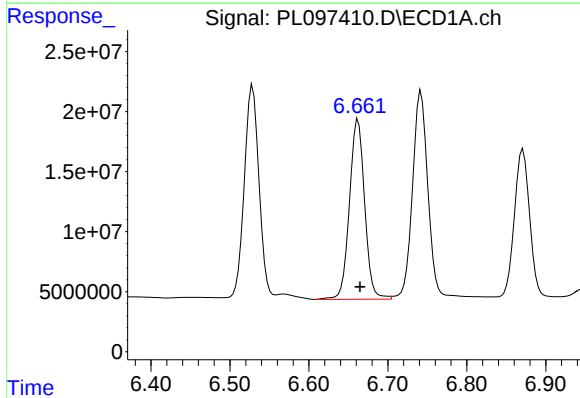
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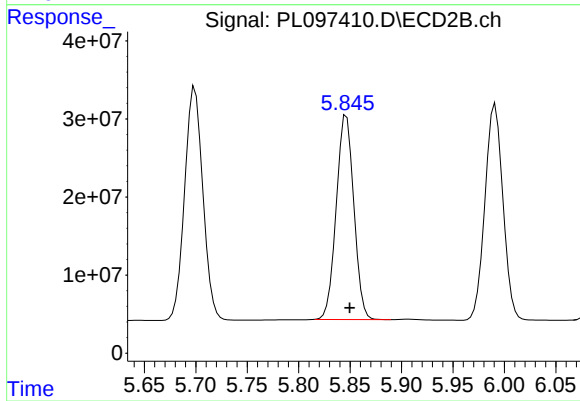
#15 Endosulfan II

R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 337793458
Conc: 47.51 ng/ml



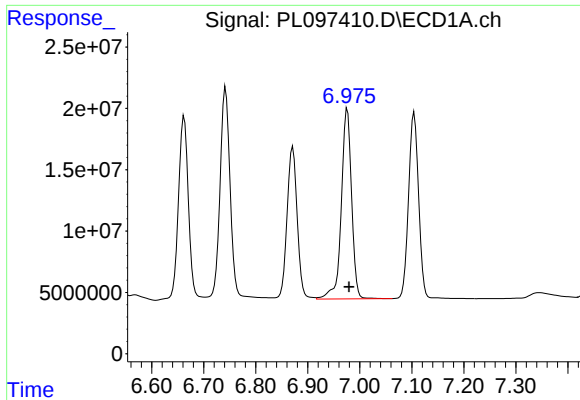
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: -0.003 min
Response: 200720686
Conc: 53.23 ng/ml



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: -0.003 min
Response: 311384691
Conc: 48.28 ng/ml



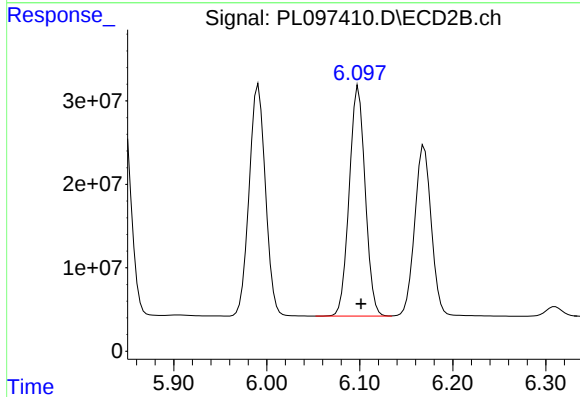
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 213503742
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

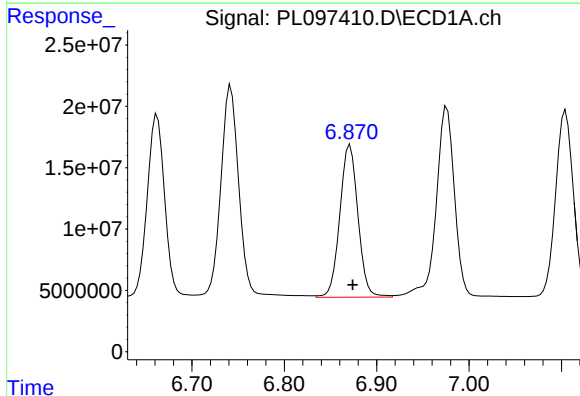
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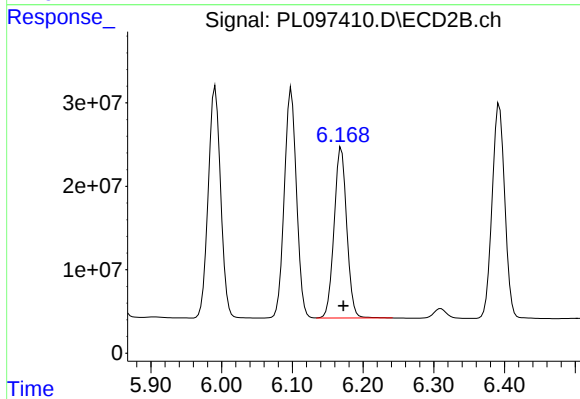
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.003 min
Response: 328510230
Conc: 47.47 ng/ml



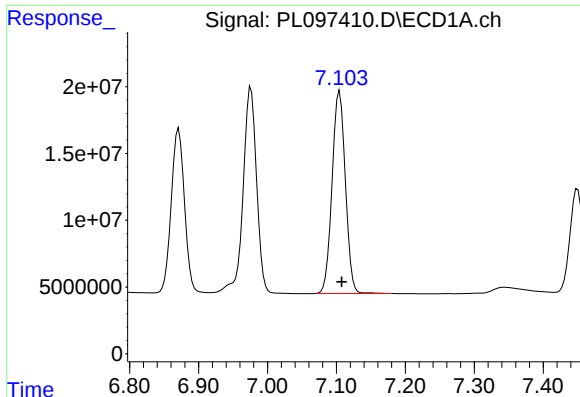
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.003 min
Response: 169932102
Conc: 55.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.169 min
Delta R.T.: -0.003 min
Response: 254027437
Conc: 47.59 ng/ml



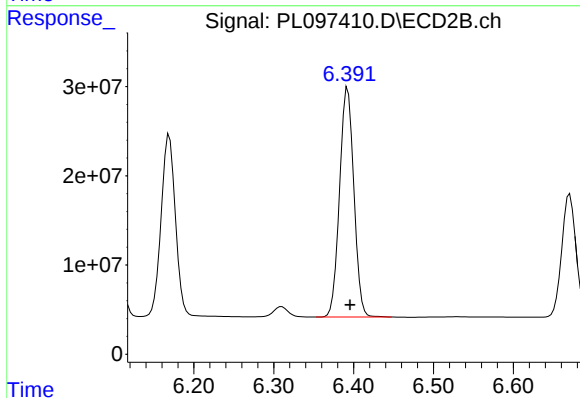
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 202716612
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

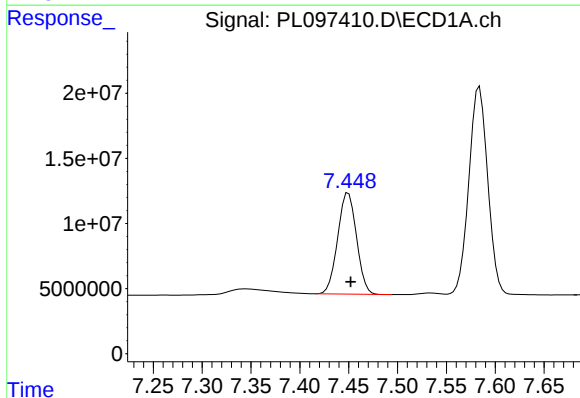
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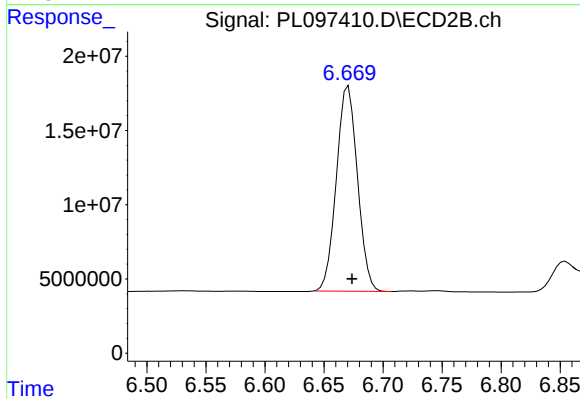
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 319805324
Conc: 46.69 ng/ml



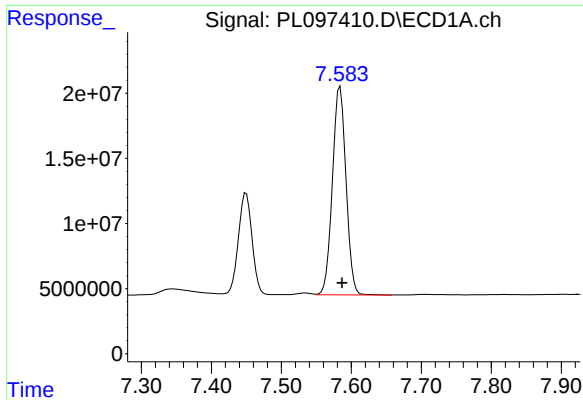
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.002 min
Response: 104530239
Conc: 50.13 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 171830870
Conc: 45.58 ng/ml



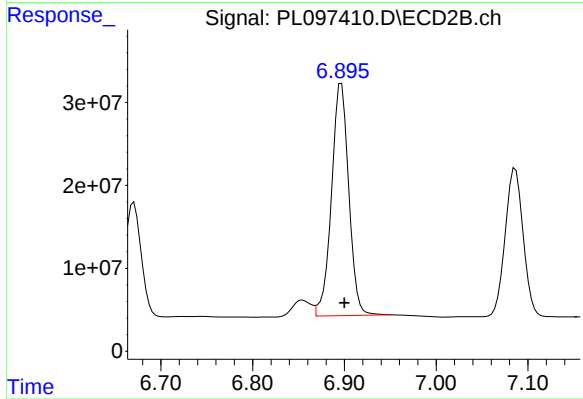
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: -0.003 min
Response: 215646406
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

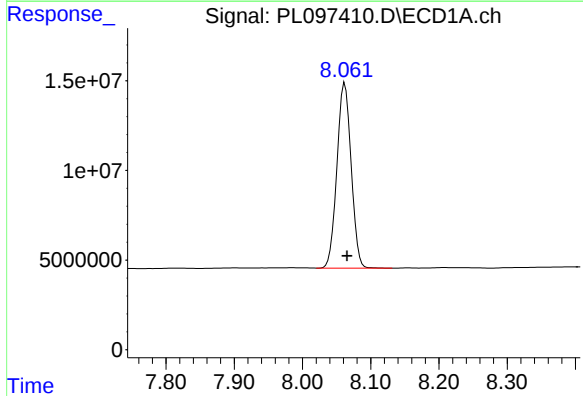
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



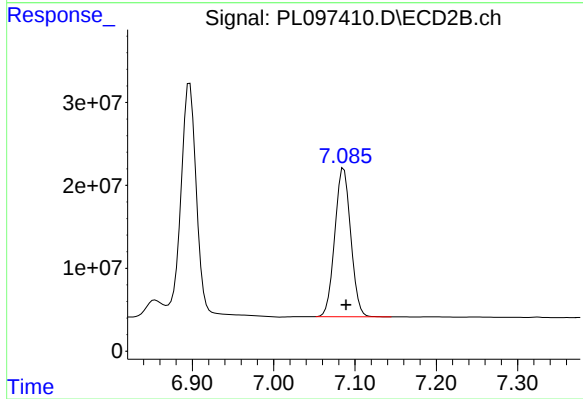
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 367612488
Conc: 48.82 ng/ml



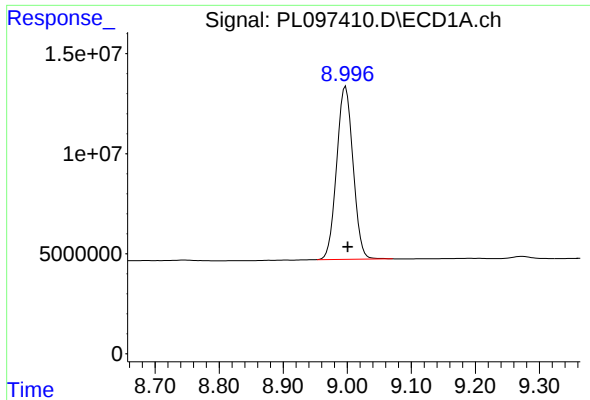
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 149812651
Conc: 42.20 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 244374305
Conc: 40.87 ng/ml



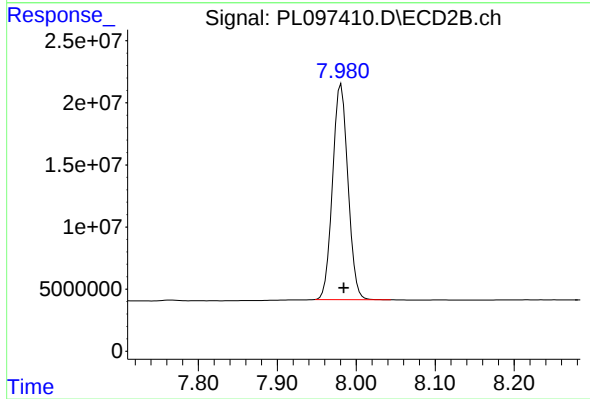
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.003 min
Response: 153548998
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 10/01/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 235311845
Conc: 41.34 ng/ml