

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
 Data File : PL096133.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 18:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/20/2025
 Supervised By : mohammad ahmed 06/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 23:02:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 17 17:11:36 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...	3.571	2.881	217.7E6	282.6E6	59.813	59.591
28) SA Decachlor...	9.118	8.065	132.4E6	235.6E6	46.222	39.081
Target Compounds						
2) A alpha-BHC	4.022	3.390	342.6E6	440.6E6	60.487	61.234
3) MA gamma-BHC...	4.354	3.724	312.7E6	411.6E6	59.099	60.069
4) MA Heptachlor	4.952	4.076	265.5E6	387.0E6	54.627	55.497
5) MB Aldrin	5.294	4.360	285.9E6	382.5E6	56.077	58.134
6) B beta-BHC	4.542	4.019	131.2E6	175.0E6	58.175	57.758
7) B delta-BHC	4.790	4.254	298.9E6	404.1E6	57.489	58.806
8) B Heptachlo...	5.716	4.862	250.3E6	349.0E6	55.119	56.603
9) A Endosulfan I	6.099	5.235	229.7E6	320.3E6	53.489	49.944
10) B gamma-Chl...	5.969	5.115	251.6E6	374.1E6	54.012m	56.238
11) B alpha-Chl...	6.052	5.180	246.5E6	364.8E6	53.248	53.510
12) B 4,4'-DDE	6.223	5.367	228.8E6	356.5E6	52.840	54.349m
13) MA Dieldrin	6.373	5.502	245.3E6	357.6E6	53.065	54.498
14) MA Endrin	6.600	5.777	180.8E6	300.4E6	47.562	50.612
15) B Endosulfa...	6.814	6.069	202.9E6	307.0E6	51.215	51.628
16) A 4,4'-DDD	6.734	5.922	190.0E6	293.8E6	54.456	53.408
17) MA 4,4'-DDT	7.050	6.177	152.2E6	263.3E6	43.588	43.882
18) B Endrin al...	6.944	6.248	144.4E6	225.0E6	50.840	50.161
19) B Endosulfa...	7.178	6.472	179.4E6	280.3E6	49.478	49.296
20) A Methoxychlor	7.525	6.749	96334170	171.7E6	54.105	52.336
21) B Endrin ke...	7.660	6.979	193.5E6	321.0E6	49.685	48.369
22) Mirex	8.144	7.172	136.4E6	234.9E6	46.054	42.059

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
Data File : PL096133.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2025 18:25
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

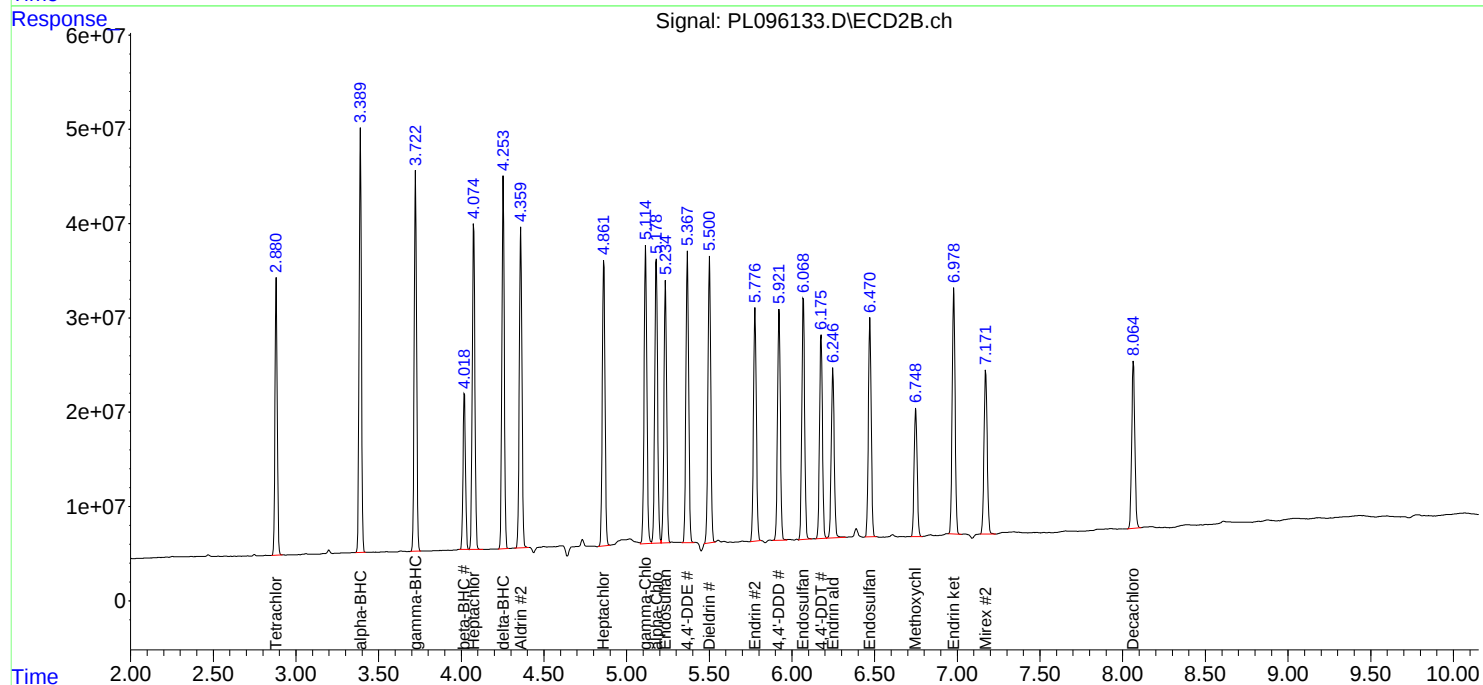
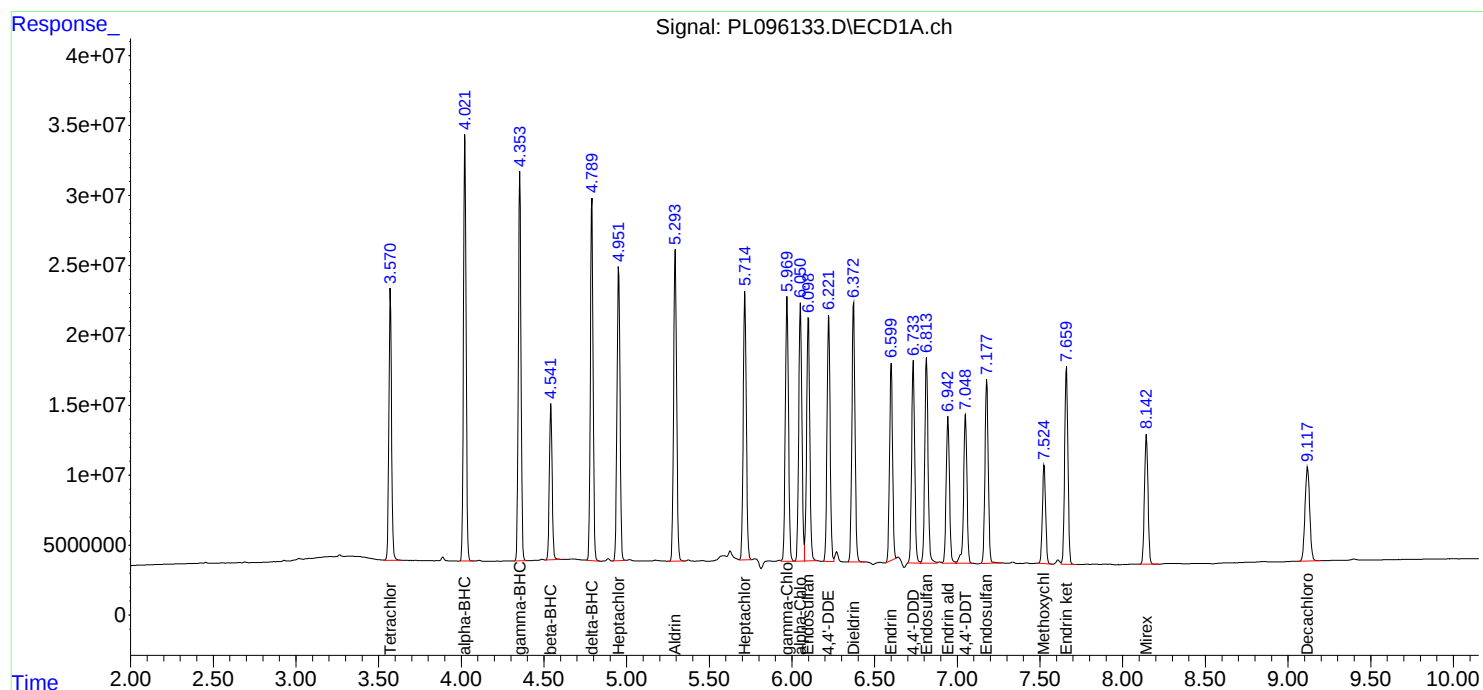
APPROVED

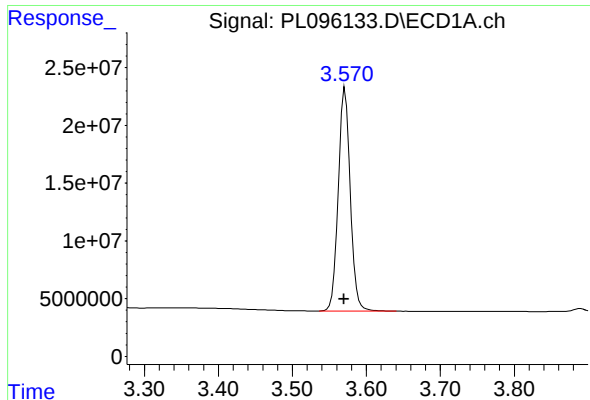
Reviewed By :Abdul Mirza 06/20/2025

Supervised By :mohammad ahmed 06/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 23:02:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
Quant Title : GC Extractables
QLast Update : Tue Jun 17 17:11:36 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





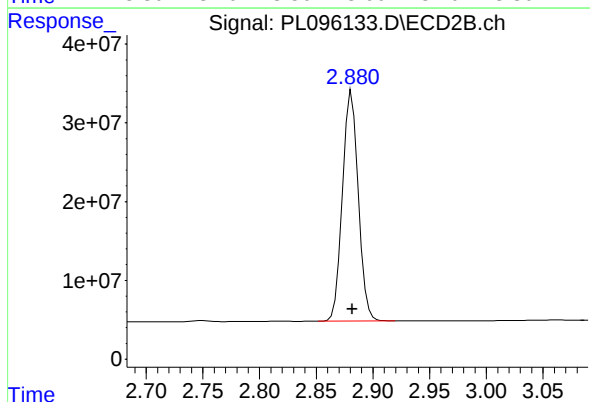
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.001 min
Response: 217653153
Conc: 59.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

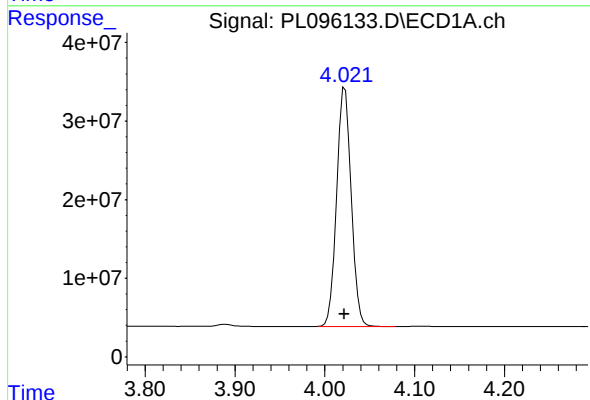
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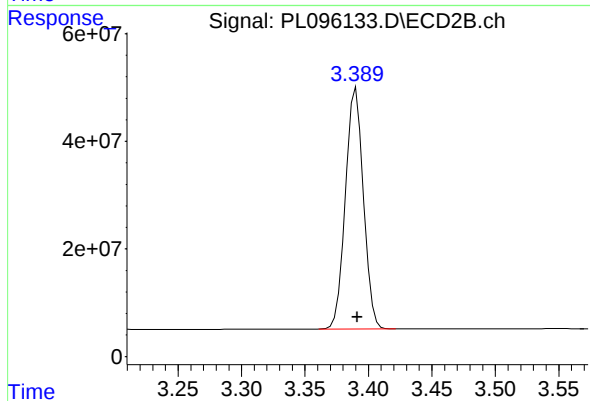
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 282638029
Conc: 59.59 ng/ml



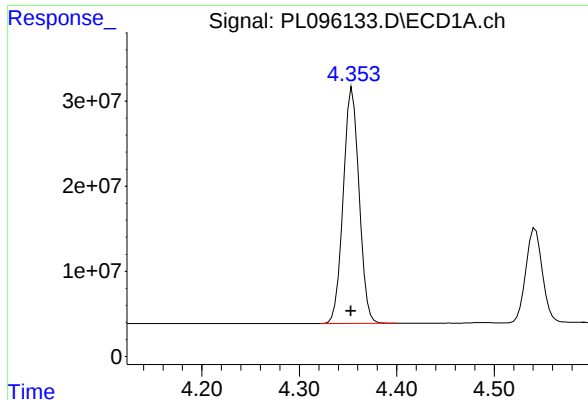
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 342604995
Conc: 60.49 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 440587871
Conc: 61.23 ng/ml



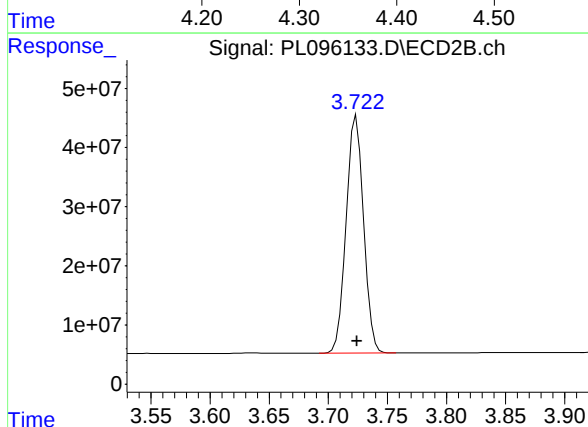
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.001 min
Response: 312718929
Conc: 59.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

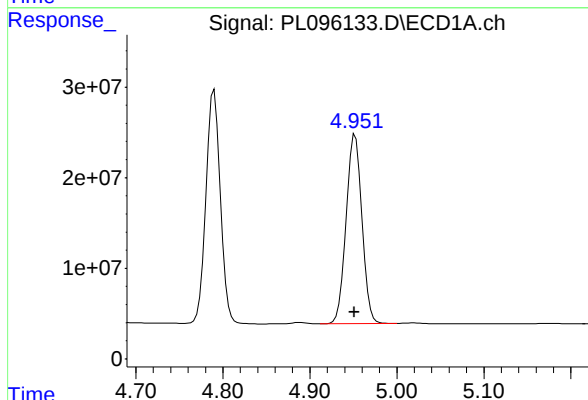
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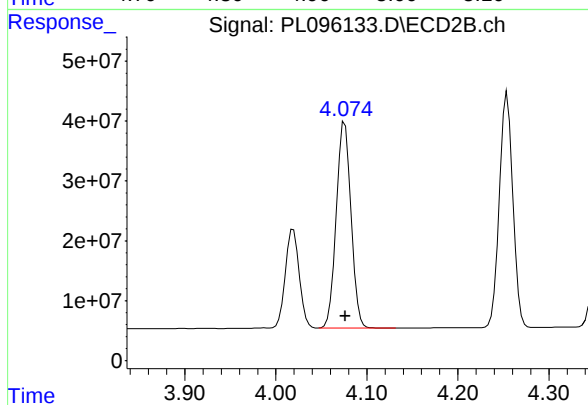
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 411595199
Conc: 60.07 ng/ml



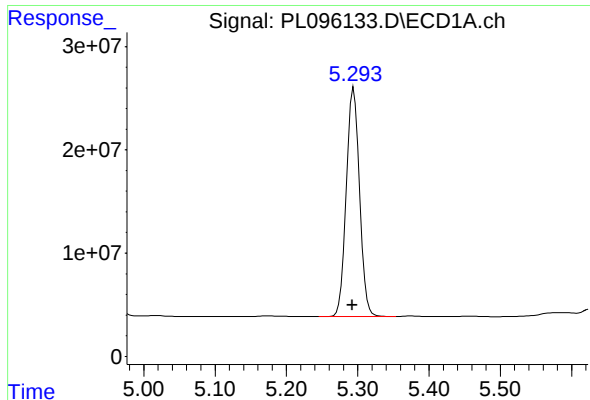
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.001 min
Response: 265505130
Conc: 54.63 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 387036737
Conc: 55.50 ng/ml



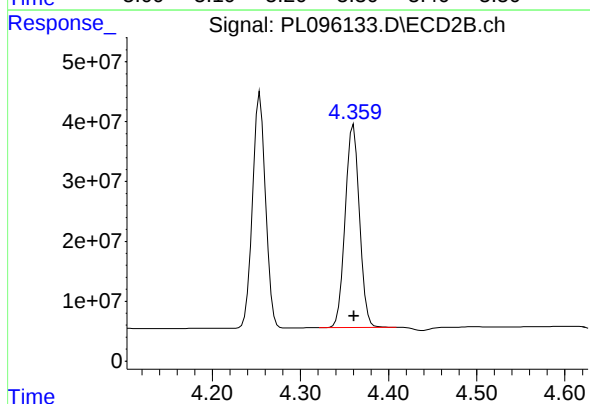
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.002 min
Response: 285892673
Conc: 56.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

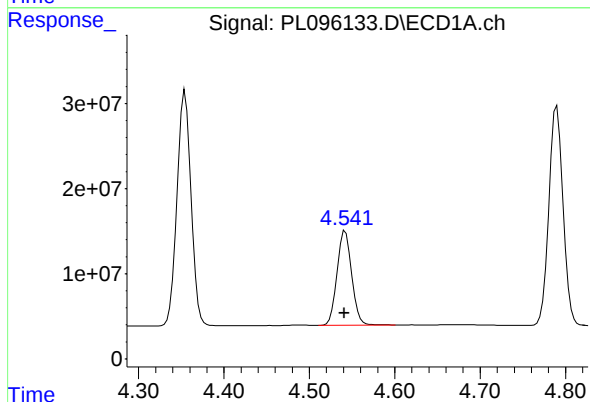
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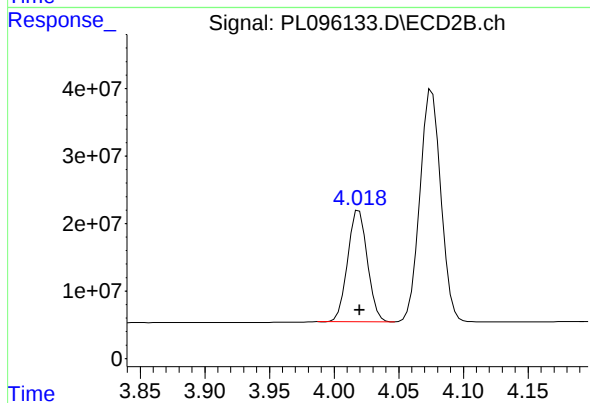
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 382472205
Conc: 58.13 ng/ml



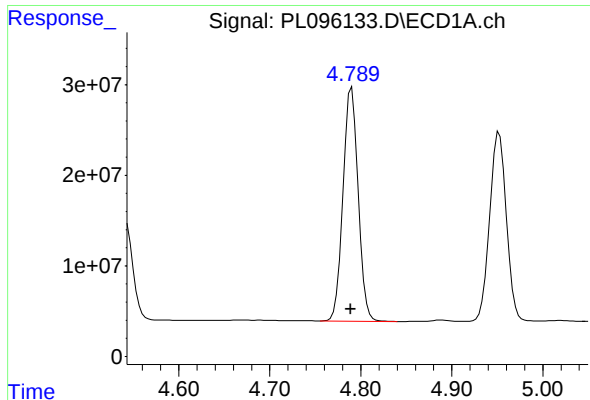
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: 0.001 min
Response: 131167516
Conc: 58.17 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 174988425
Conc: 57.76 ng/ml



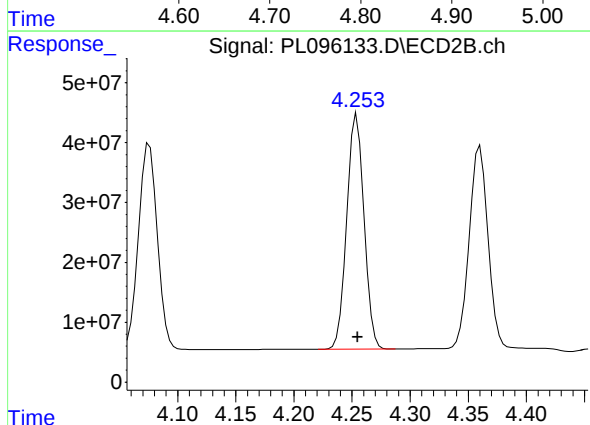
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 298861230
Conc: 57.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

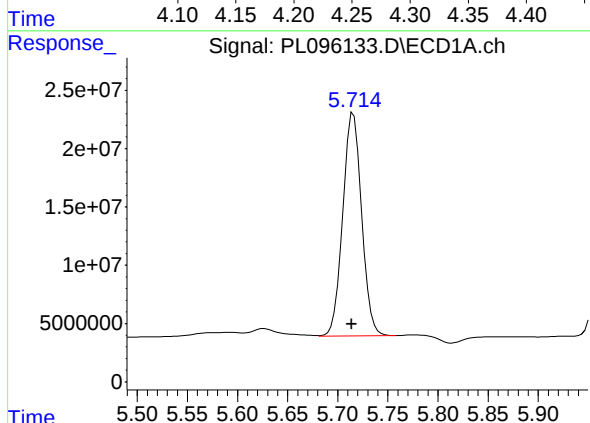
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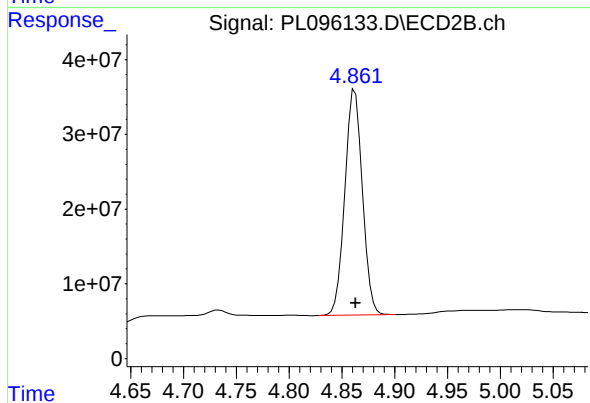
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 404126377
Conc: 58.81 ng/ml



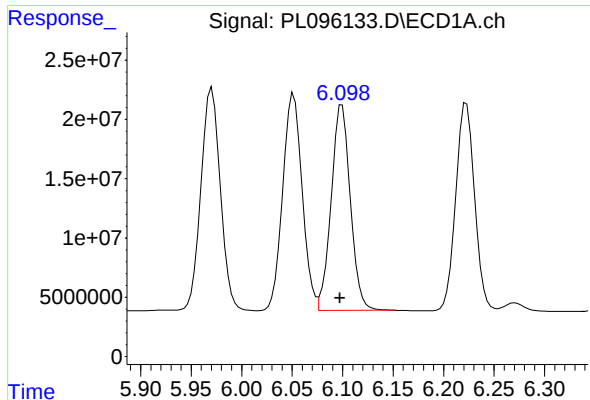
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: 0.002 min
Response: 250251452
Conc: 55.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 349041777
Conc: 56.60 ng/ml



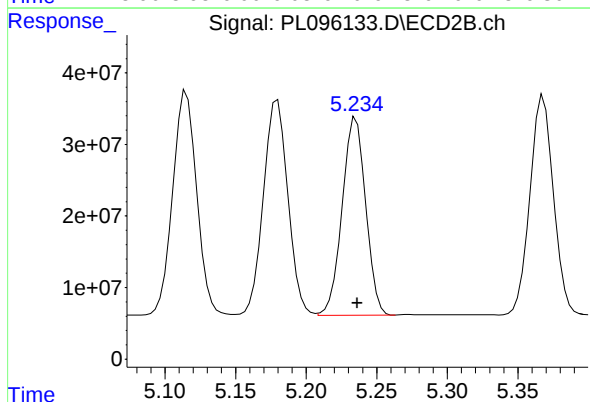
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 229737576
Conc: 53.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

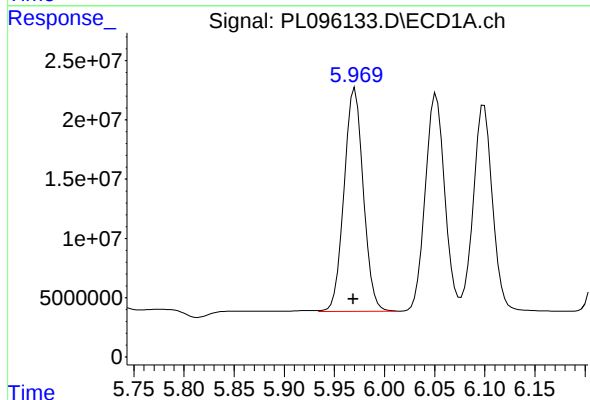
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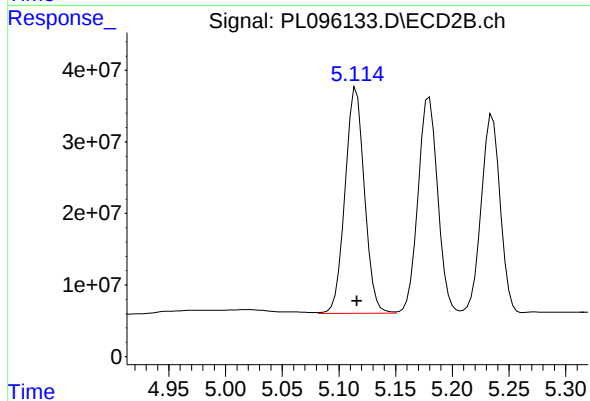
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 320258942
Conc: 49.94 ng/ml



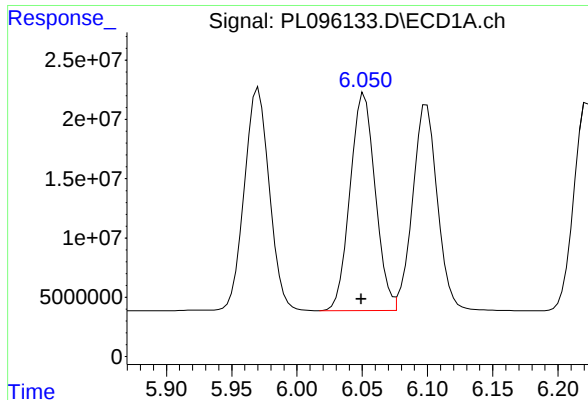
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 251550427
Conc: 54.01 ng/ml m



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 374072035
Conc: 56.24 ng/ml



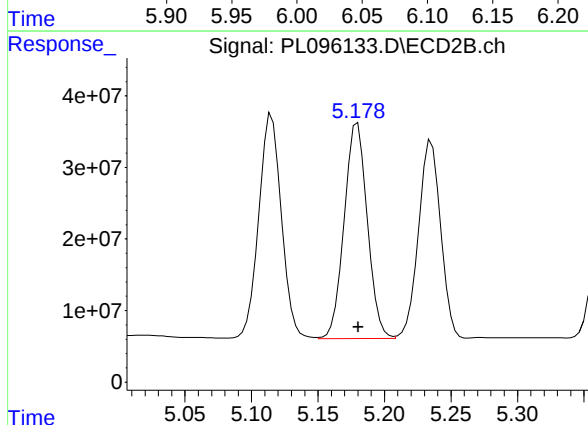
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: 0.002 min
Response: 246496453
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

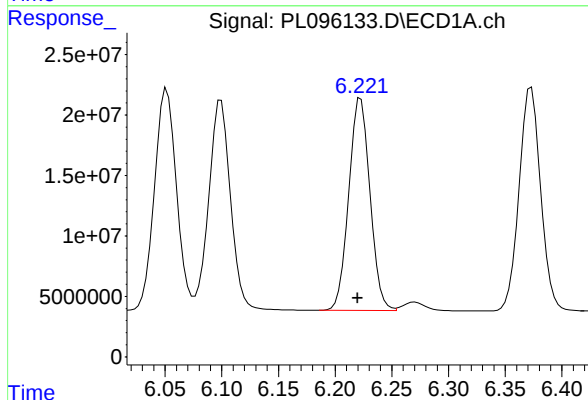
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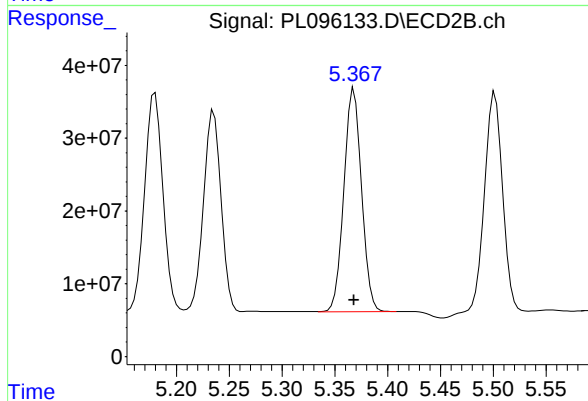
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 364798291
Conc: 53.51 ng/ml



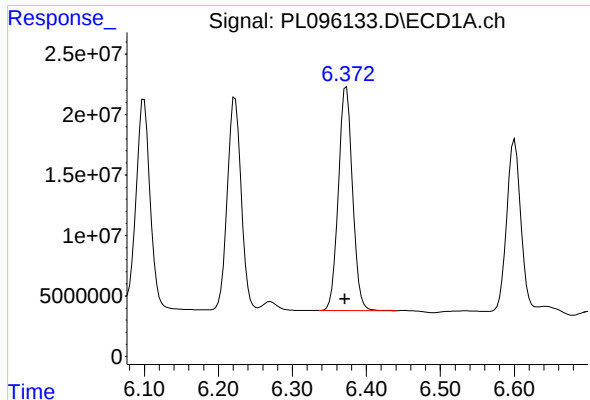
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: 0.003 min
Response: 228829034
Conc: 52.84 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 356517033
Conc: 54.35 ng/ml m



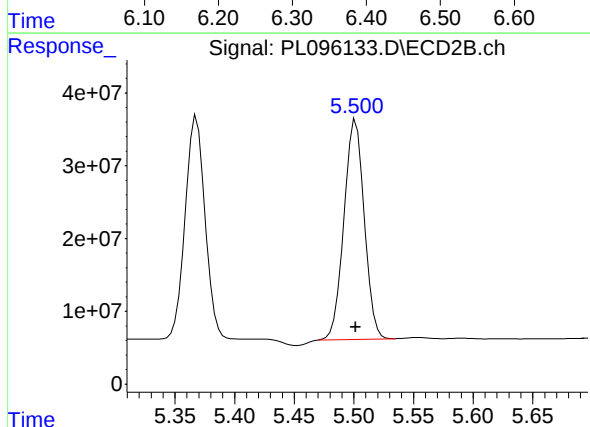
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: 0.002 min
Response: 245281445
Conc: 53.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

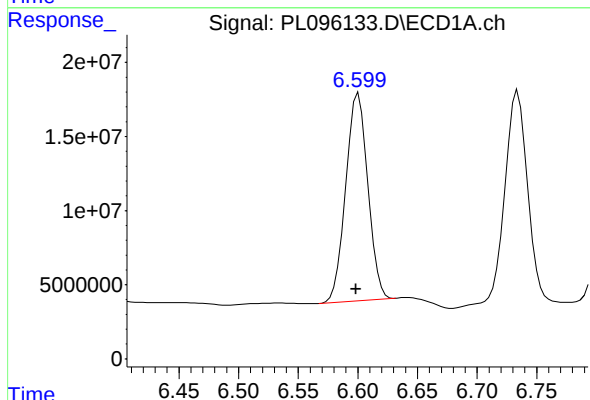
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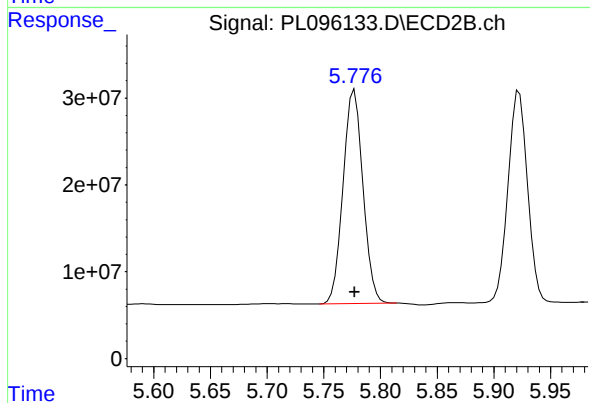
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 357561273
Conc: 54.50 ng/ml



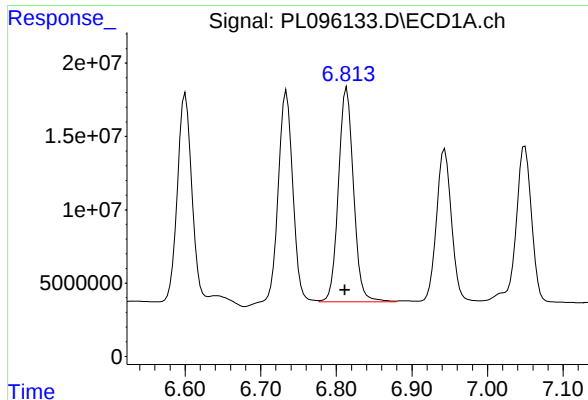
#14 Endrin

R.T.: 6.600 min
Delta R.T.: 0.002 min
Response: 180781858
Conc: 47.56 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 300389393
Conc: 50.61 ng/ml



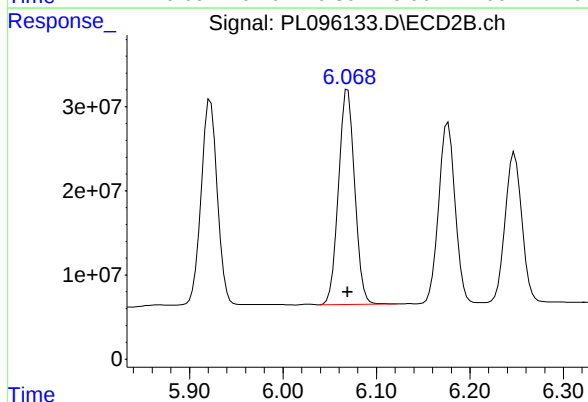
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.002 min
Response: 202854526
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

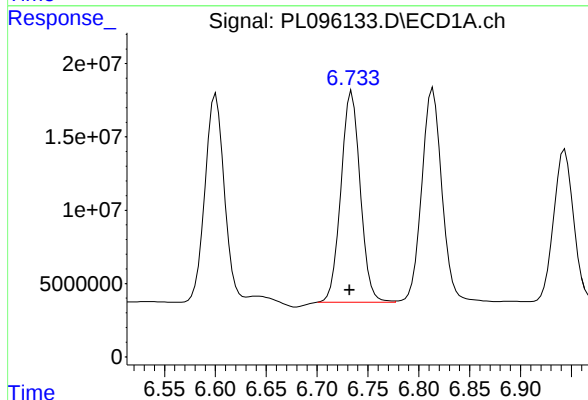
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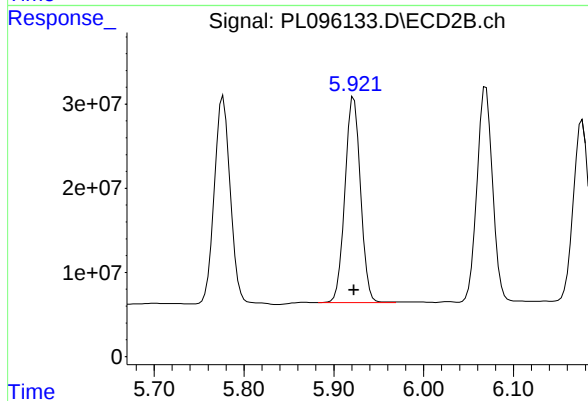
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 306964212
Conc: 51.63 ng/ml



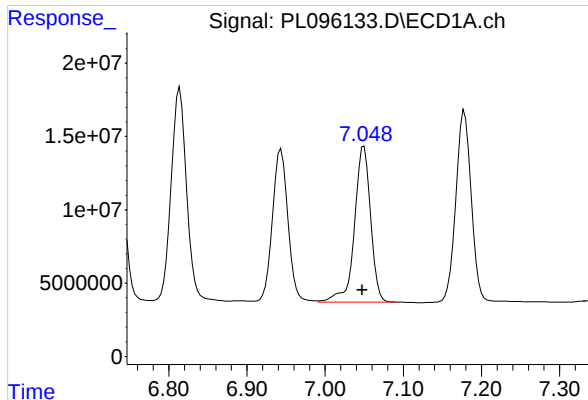
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: 0.002 min
Response: 189951915
Conc: 54.46 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 293795778
Conc: 53.41 ng/ml



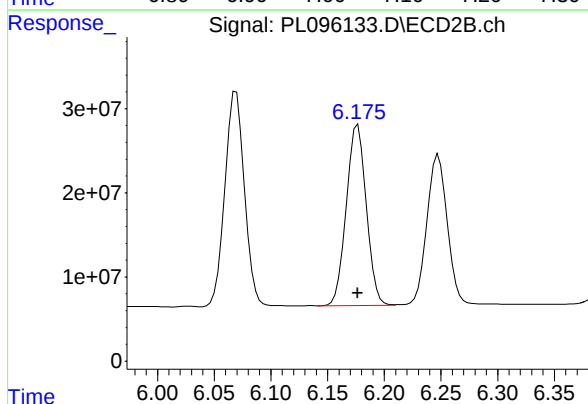
#17 4,4'-DDT

R.T.: 7.050 min
Delta R.T.: 0.002 min
Response: 152221078
Conc: 43.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

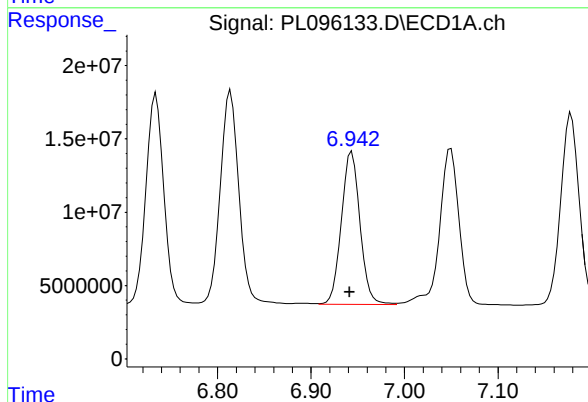
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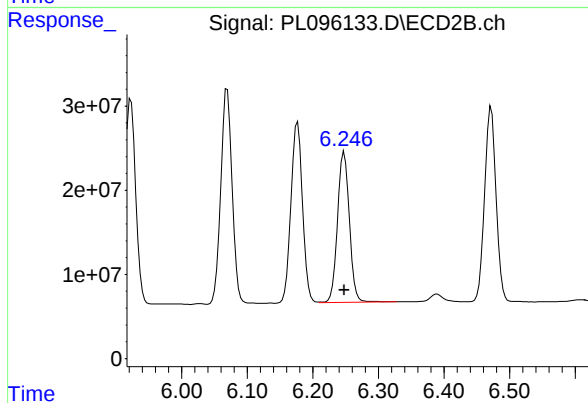
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 263291639
Conc: 43.88 ng/ml



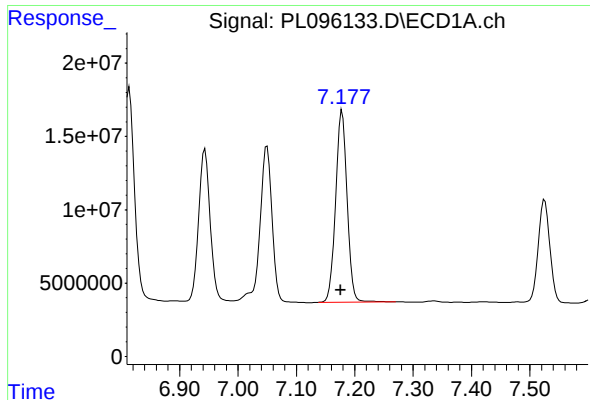
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: 0.003 min
Response: 144391440
Conc: 50.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 225027811
Conc: 50.16 ng/ml



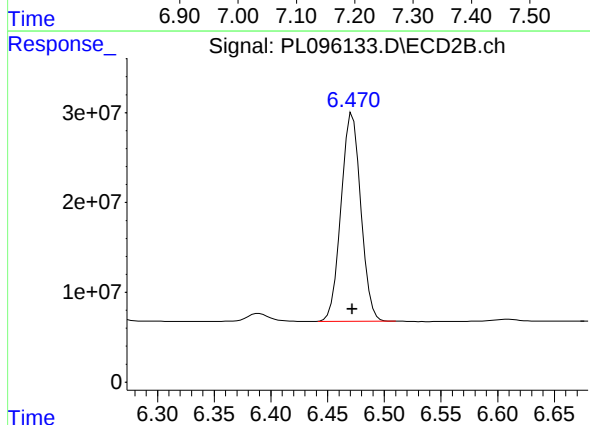
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 179421161
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

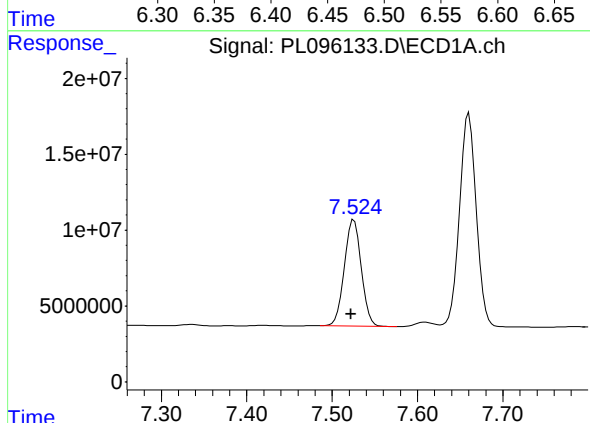
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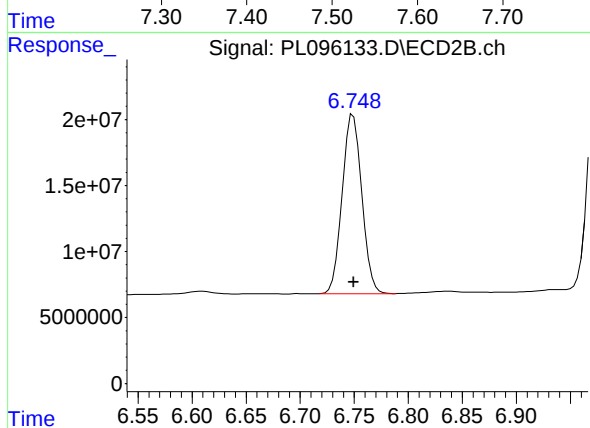
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 280263036
Conc: 49.30 ng/ml



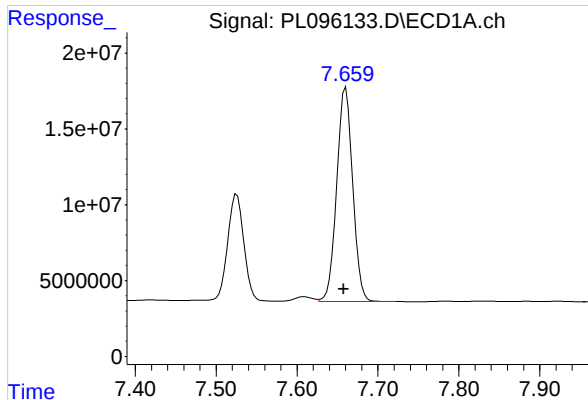
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.003 min
Response: 96334170
Conc: 54.10 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 171689859
Conc: 52.34 ng/ml



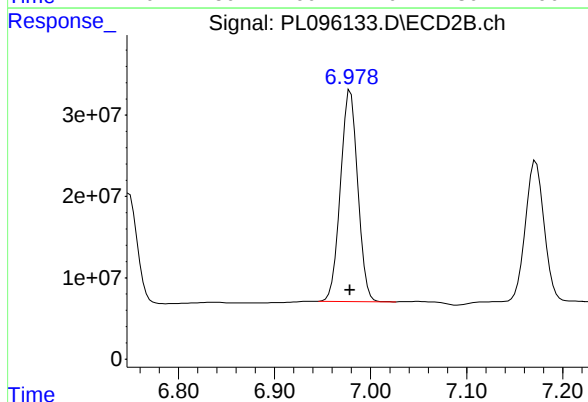
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.003 min
Response: 193490421
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

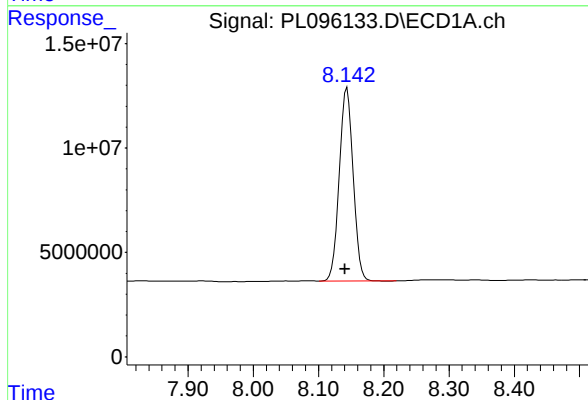
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2025
Supervised By :mohammad ahmed 06/23/2025



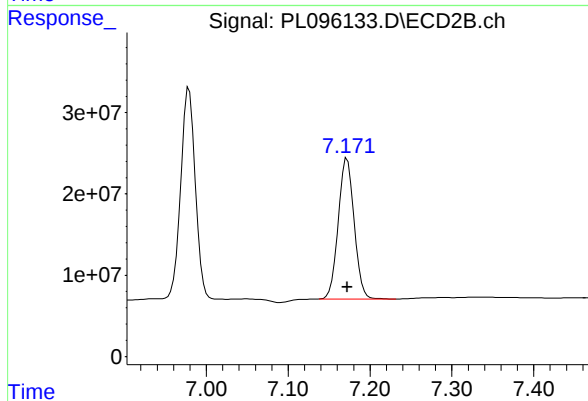
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 320984969
Conc: 48.37 ng/ml



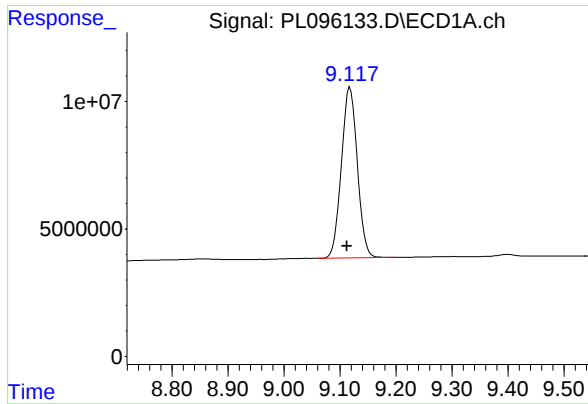
#22 Mirex

R.T.: 8.144 min
Delta R.T.: 0.003 min
Response: 136448707
Conc: 46.05 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 234866120
Conc: 42.06 ng/ml



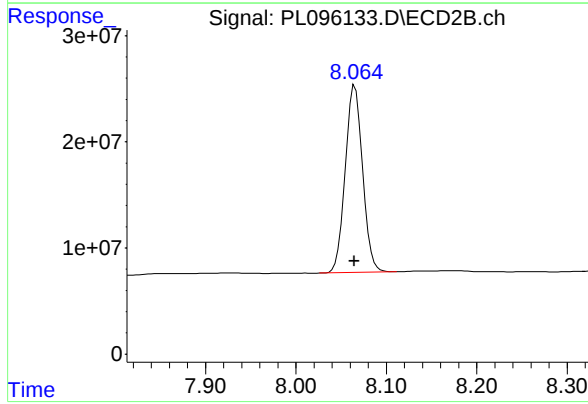
#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: 0.006 min
Response: 132359668
Conc: 46.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 235558719
Conc: 39.08 ng/ml