

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
 Data File : PL096127.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 17:02
 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 23:01:20 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...	3.572	2.882	200.7E6	260.2E6	55.167	54.852
28)	SA Decachlor...	9.118	8.065	125.7E6	243.5E6	43.902	40.403
Target Compounds							
2)	A alpha-BHC	4.023	3.391	315.9E6	404.1E6	55.767	56.157
3)	MA gamma-BHC...	4.355	3.724	288.6E6	376.6E6	54.546	54.963
4)	MA Heptachlor	4.953	4.076	246.9E6	356.1E6	50.804	51.060
5)	MB Aldrin	5.295	4.360	264.0E6	347.8E6	51.785	52.866
6)	B beta-BHC	4.543	4.020	121.2E6	160.9E6	53.739	53.097
7)	B delta-BHC	4.791	4.255	277.0E6	371.8E6	53.280	54.096
8)	B Heptachlo...	5.716	4.862	231.0E6	323.1E6	50.869	52.398
9)	A Endosulfan I	6.099	5.236	213.5E6	296.2E6	49.706	46.194
10)	B gamma-Chl...	5.969	5.116	233.1E6	346.5E6	50.055m	52.087
11)	B alpha-Chl...	6.051	5.180	229.8E6	337.7E6	49.634	49.532
12)	B 4,4'-DDE	6.222	5.369	210.6E6	331.9E6	48.638	50.598
13)	MA Dieldrin	6.373	5.502	225.4E6	338.3E6	48.767	51.564
14)	MA Endrin	6.600	5.777	168.0E6	283.8E6	44.200	47.814
15)	B Endosulfa...	6.814	6.070	188.0E6	297.5E6	47.464	50.035
16)	A 4,4'-DDD	6.734	5.922	175.7E6	278.6E6	50.383	50.642
17)	MA 4,4'-DDT	7.050	6.177	144.2E6	252.3E6	41.289	42.051
18)	B Endrin al...	6.943	6.248	134.9E6	214.9E6	47.481	47.895
19)	B Endosulfa...	7.178	6.472	167.2E6	270.0E6	46.109	47.492
20)	A Methoxychlor	7.526	6.749	91174279	172.1E6	51.207	52.476
21)	B Endrin ke...	7.660	6.979	180.6E6	315.6E6	46.376	47.563
22)	Mirex	8.143	7.172	129.1E6	235.5E6	43.565	42.175

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
Data File : PL096127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2025 17:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

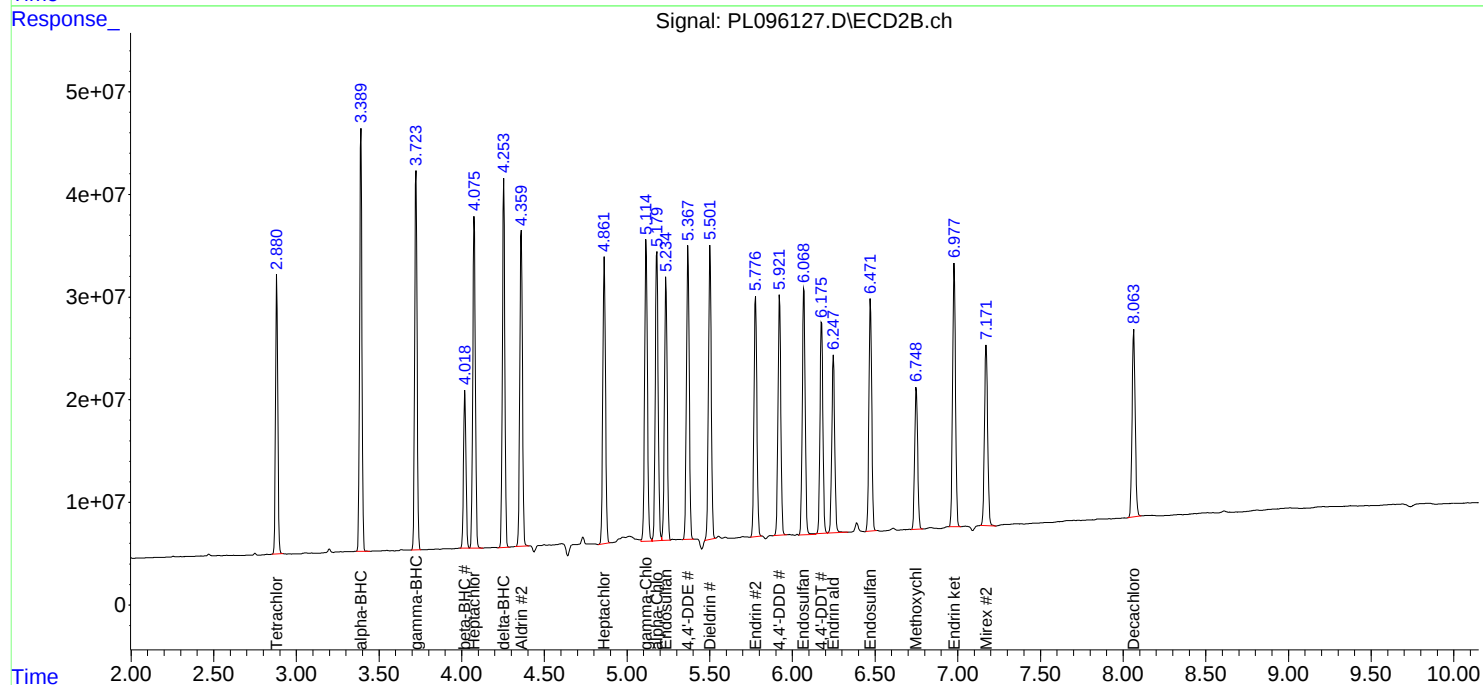
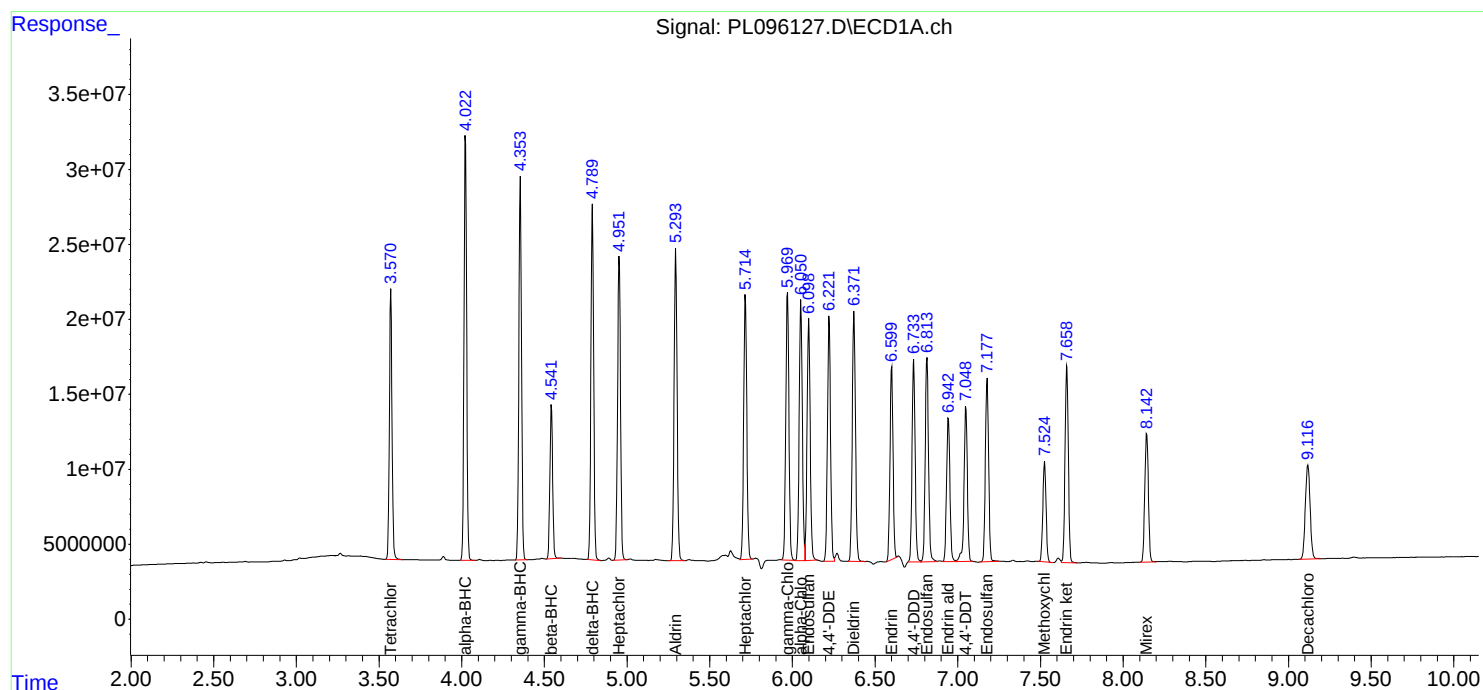
APPROVED

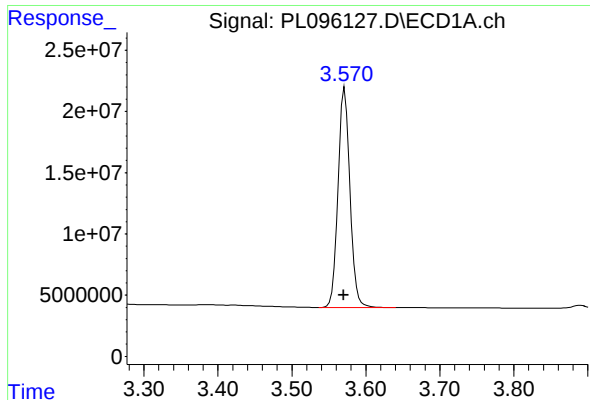
Reviewed By :Abdul Mirza 06/20/2025

Supervised By :mohammad ahmed 06/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 23:01:20 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





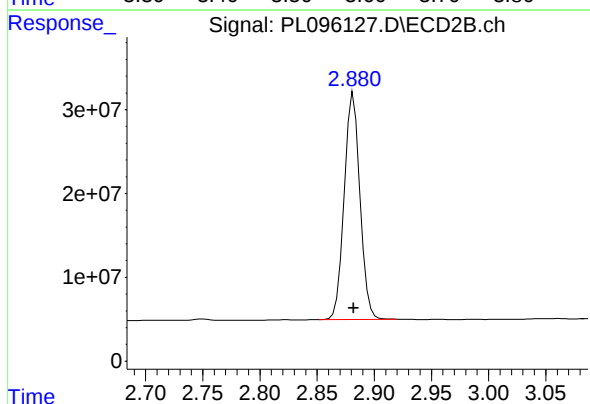
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: 0.002 min
Response: 200748037
Conc: 55.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

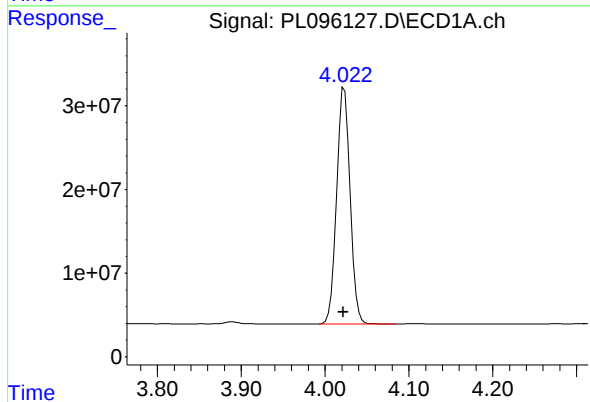
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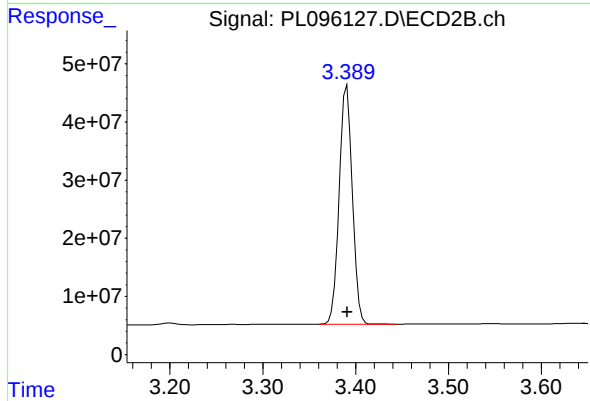
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 260164949
Conc: 54.85 ng/ml



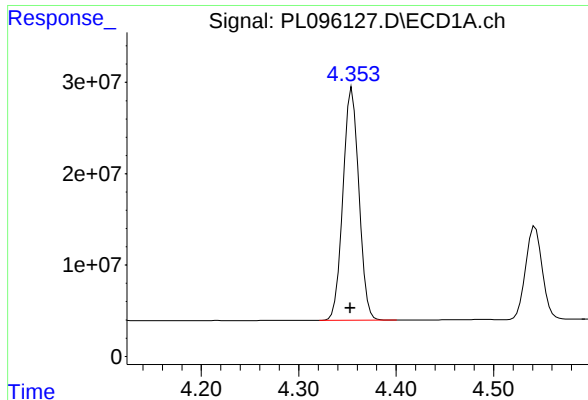
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.001 min
Response: 315868956
Conc: 55.77 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 404062328
Conc: 56.16 ng/ml



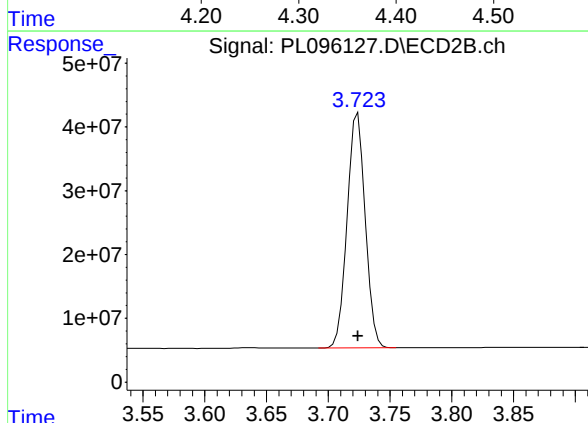
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.002 min
Response: 288625595
Conc: 54.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

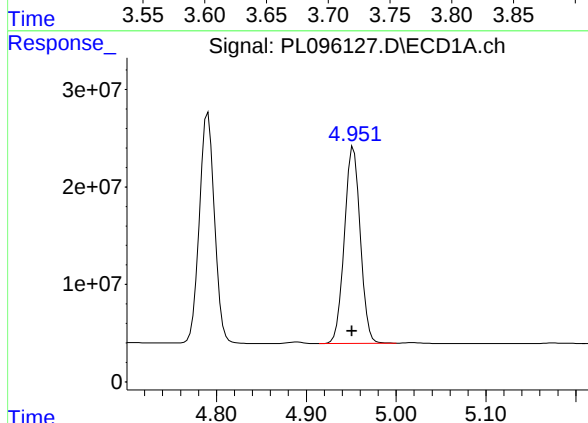
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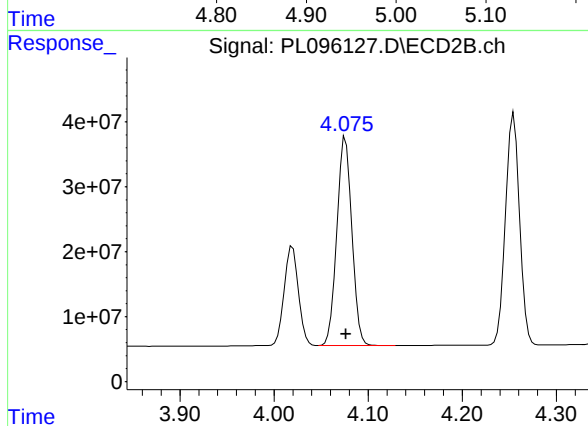
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 376607302
Conc: 54.96 ng/ml



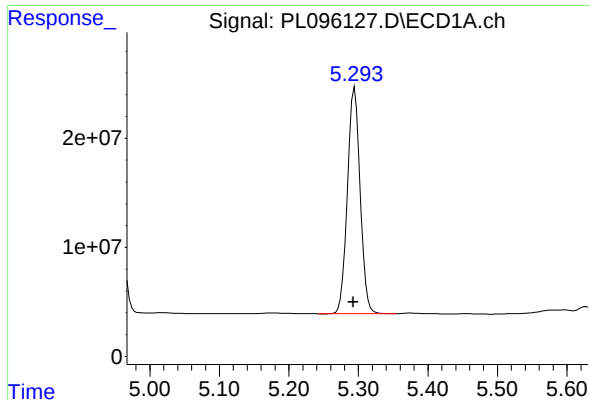
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.002 min
Response: 246923499
Conc: 50.80 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 356094834
Conc: 51.06 ng/ml



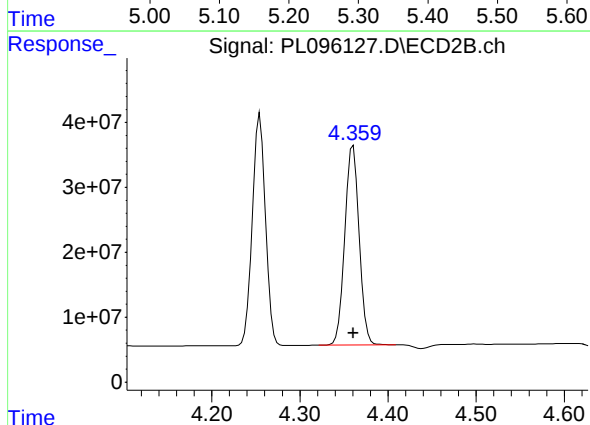
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: 0.002 min
Response: 264008049
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

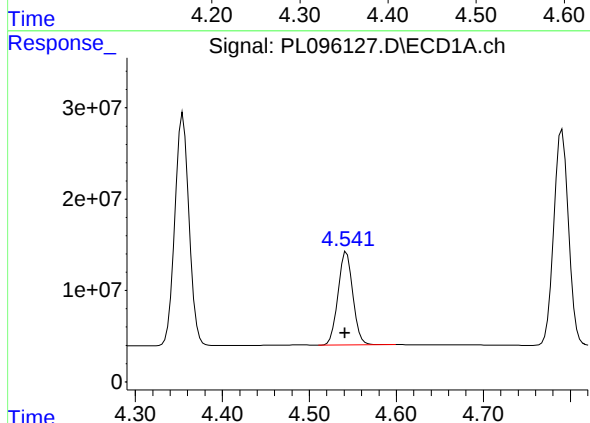
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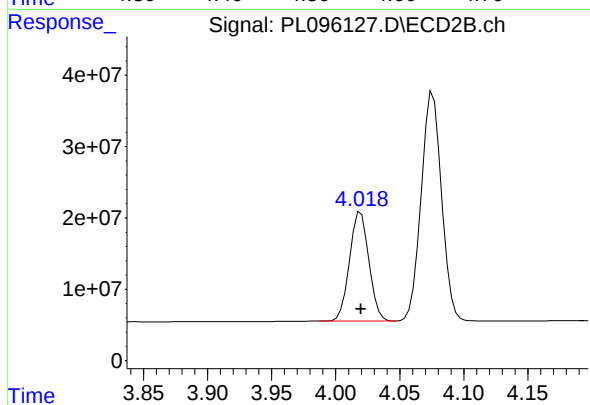
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 347808922
Conc: 52.87 ng/ml



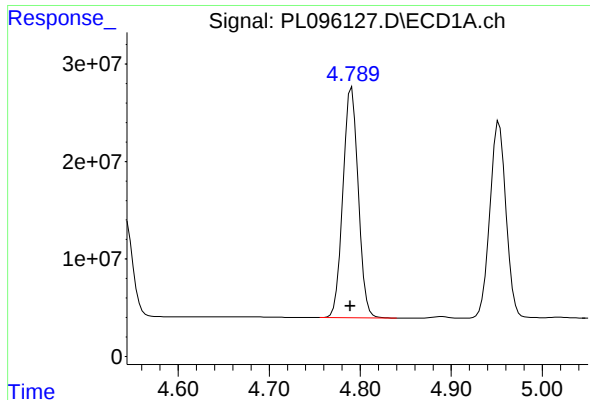
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: 0.002 min
Response: 121165904
Conc: 53.74 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 160868546
Conc: 53.10 ng/ml



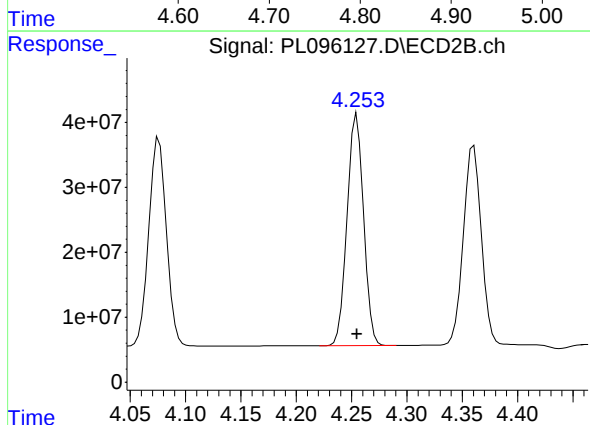
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: 0.002 min
Response: 276978671
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

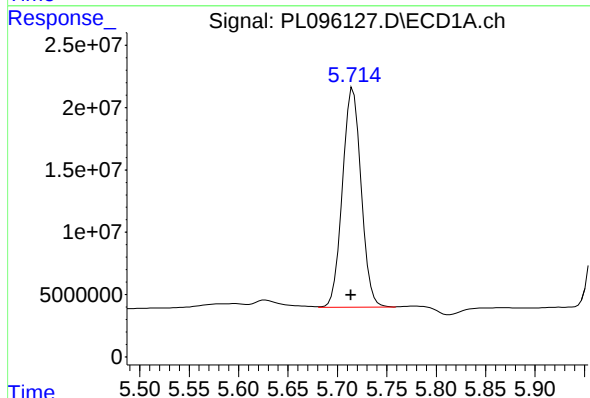
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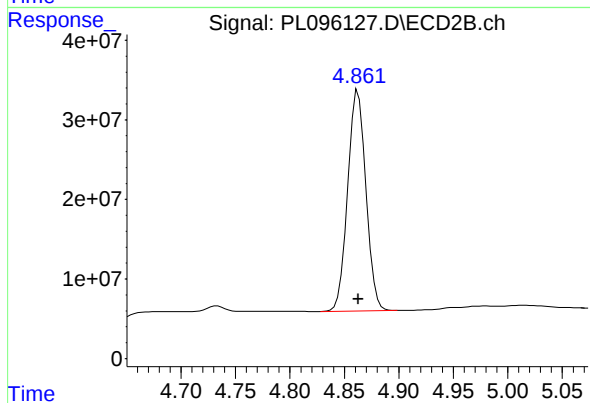
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 371755667
Conc: 54.10 ng/ml



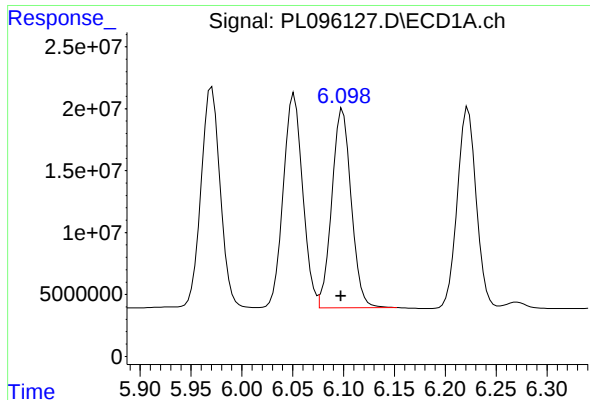
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: 0.002 min
Response: 230957473
Conc: 50.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 323110650
Conc: 52.40 ng/ml



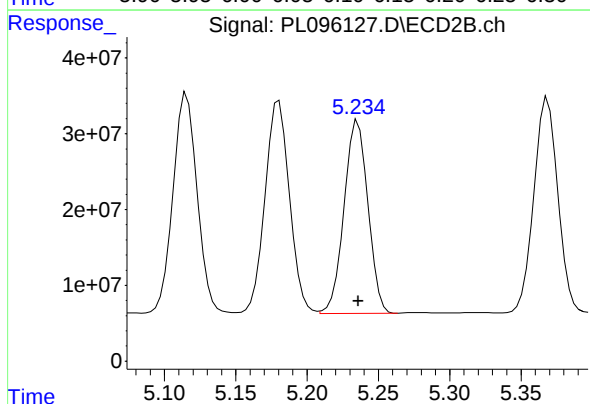
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 213487932
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

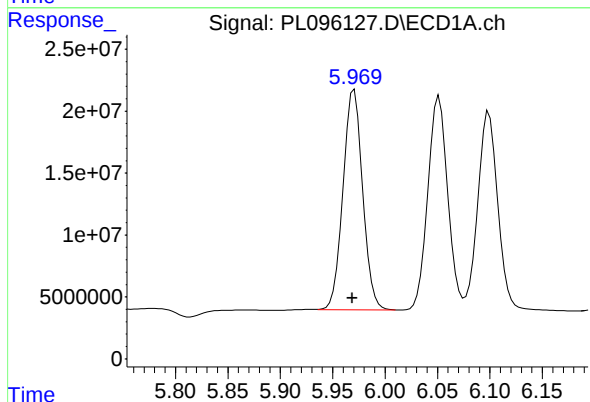
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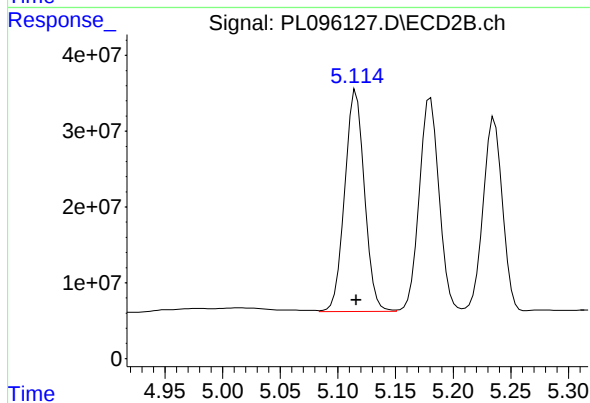
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 296208738
Conc: 46.19 ng/ml



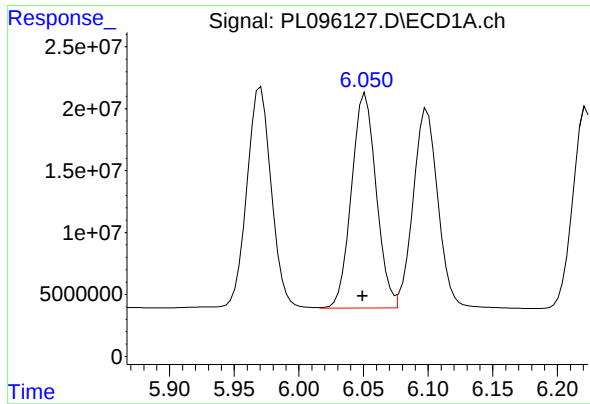
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 233123093
Conc: 50.06 ng/ml m



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 346456605
Conc: 52.09 ng/ml



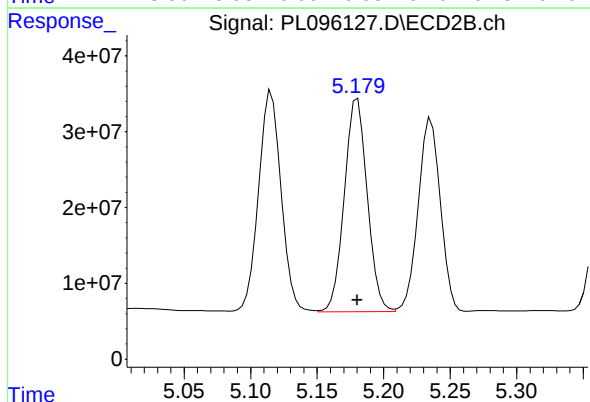
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.002 min
Response: 229768170
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

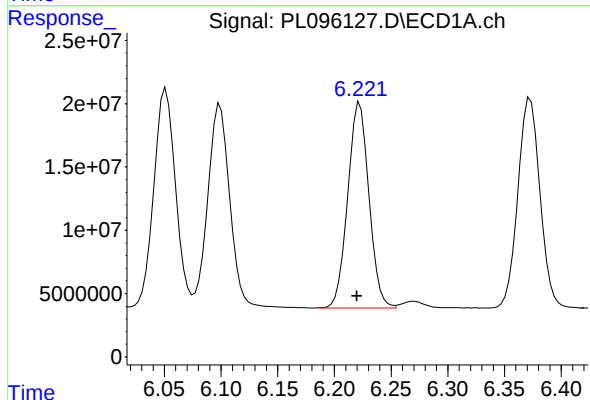
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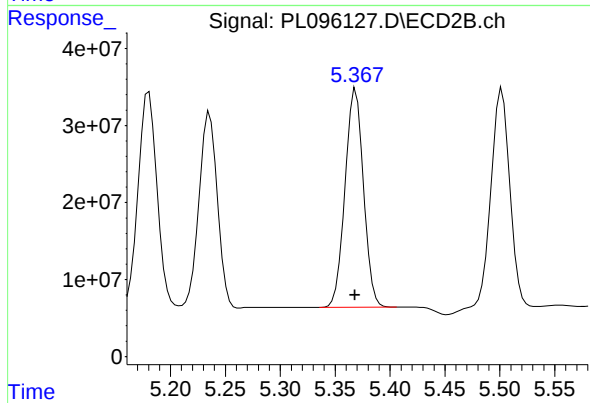
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 337684306
Conc: 49.53 ng/ml



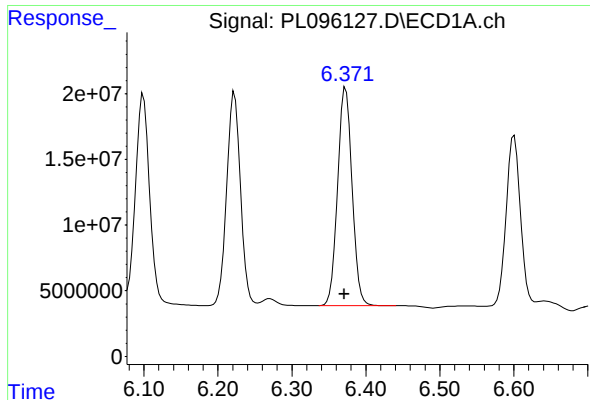
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: 0.003 min
Response: 210633516
Conc: 48.64 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 331909955
Conc: 50.60 ng/ml



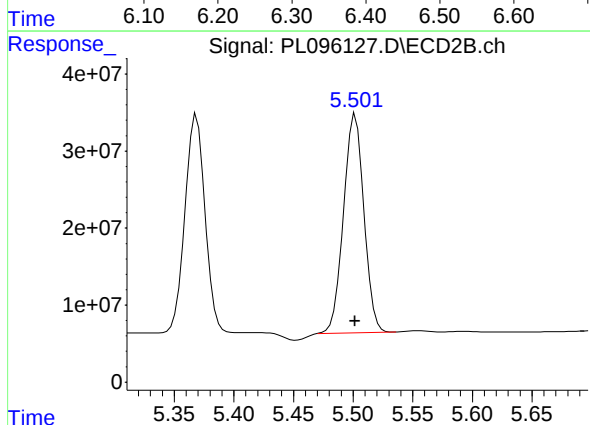
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: 0.002 min
Response: 225418298
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

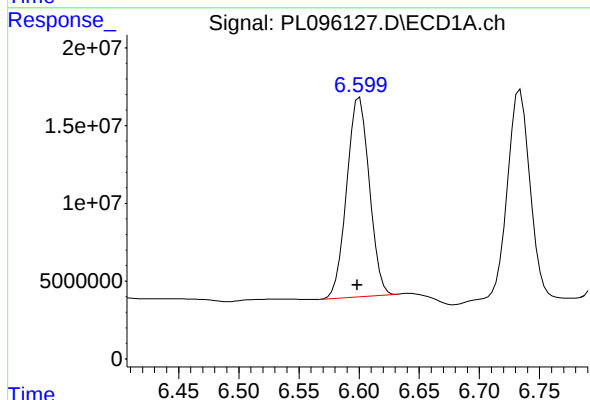
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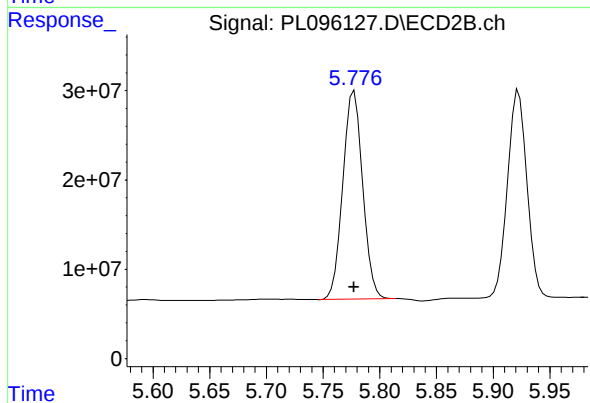
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 338315351
Conc: 51.56 ng/ml



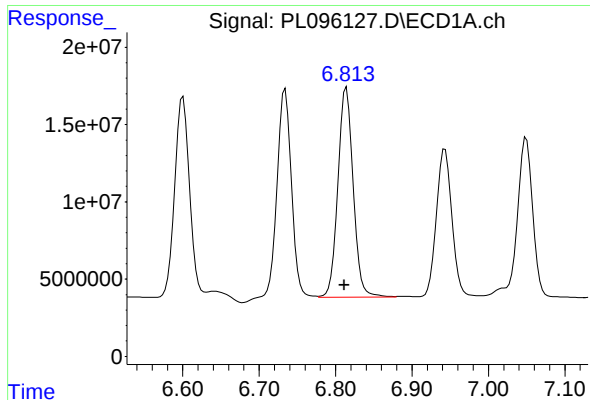
#14 Endrin

R.T.: 6.600 min
Delta R.T.: 0.002 min
Response: 168004718
Conc: 44.20 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 283786406
Conc: 47.81 ng/ml



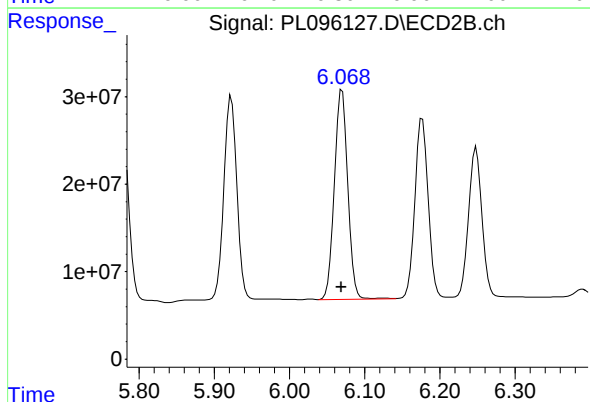
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.002 min
Response: 187997103
Conc: 47.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

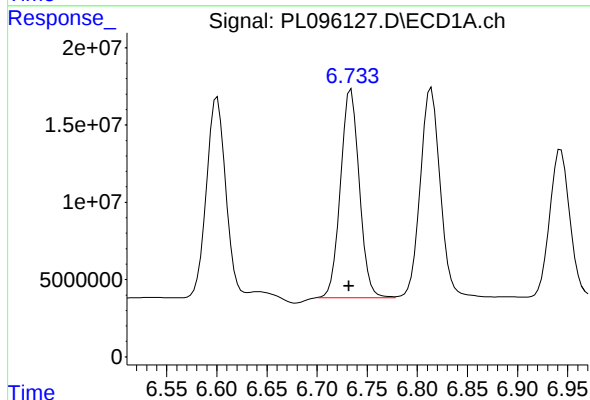
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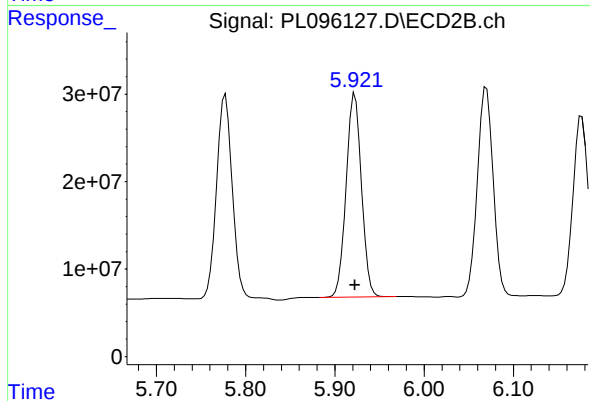
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 297489324
Conc: 50.03 ng/ml



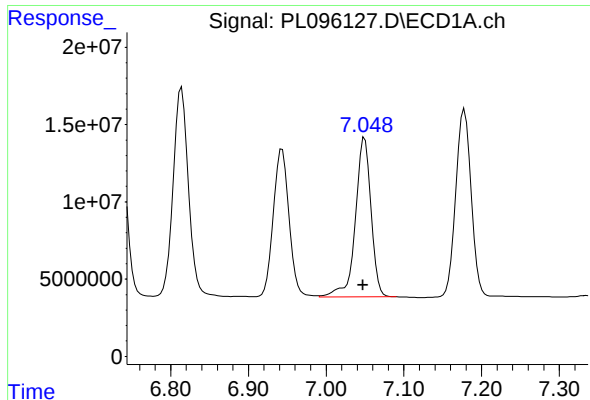
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: 0.002 min
Response: 175745184
Conc: 50.38 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 278577549
Conc: 50.64 ng/ml



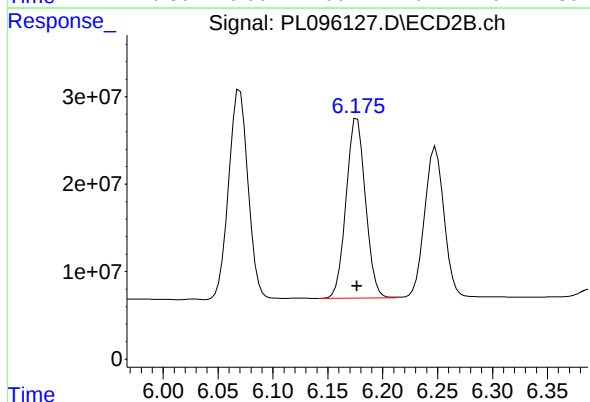
#17 4,4'-DDT

R.T.: 7.050 min
Delta R.T.: 0.002 min
Response: 144189923
Conc: 41.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

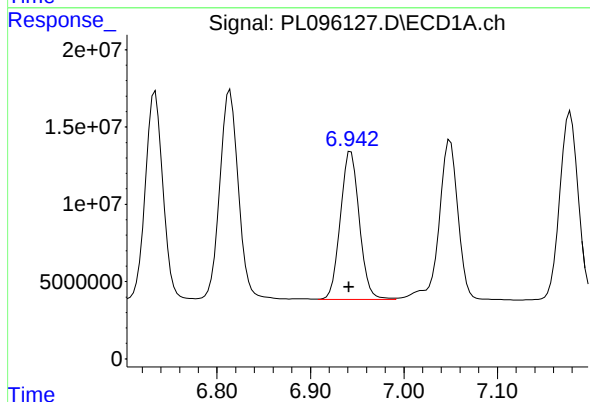
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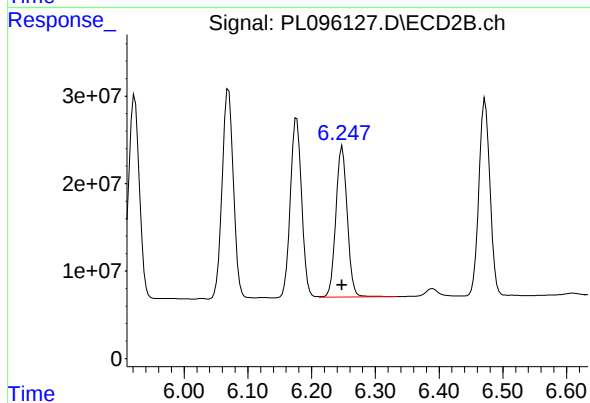
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 252310913
Conc: 42.05 ng/ml



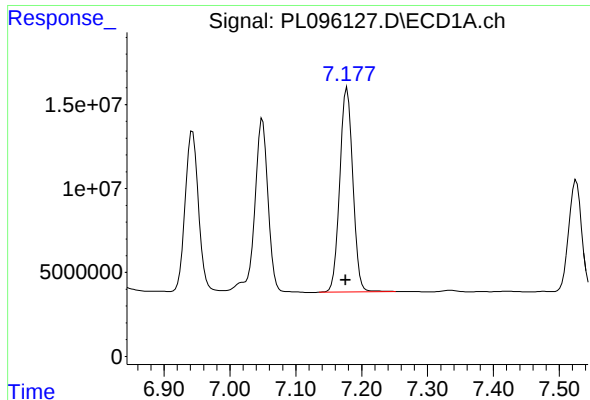
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: 0.002 min
Response: 134851569
Conc: 47.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 214862376
Conc: 47.89 ng/ml



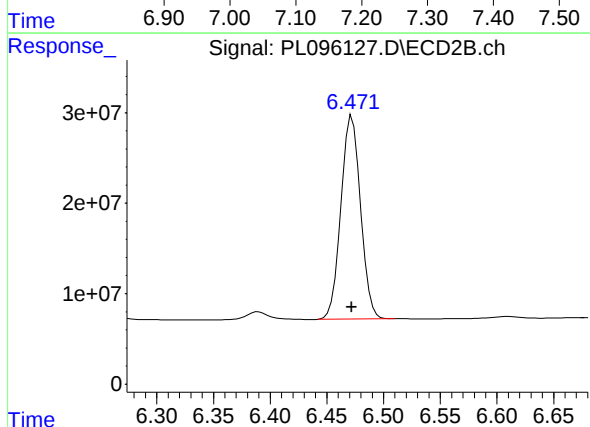
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 167205061
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

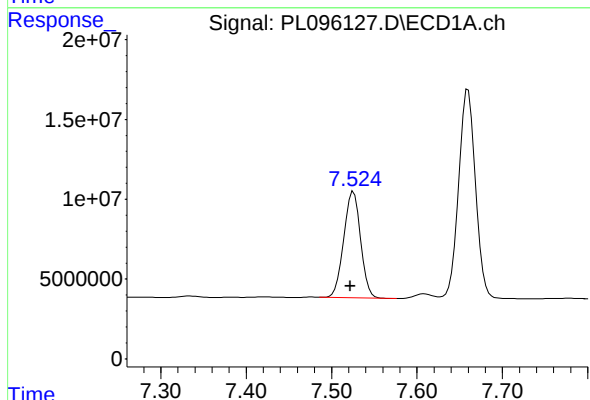
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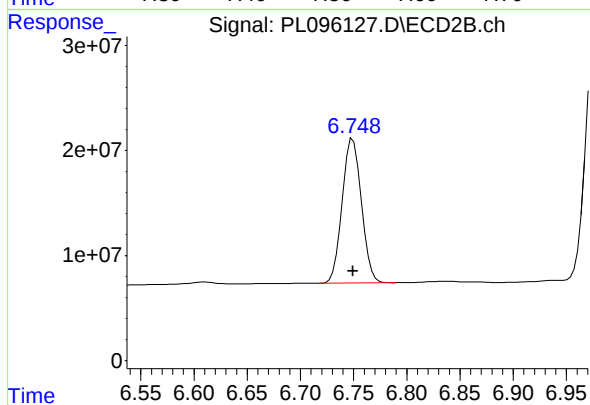
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 270002778
Conc: 47.49 ng/ml



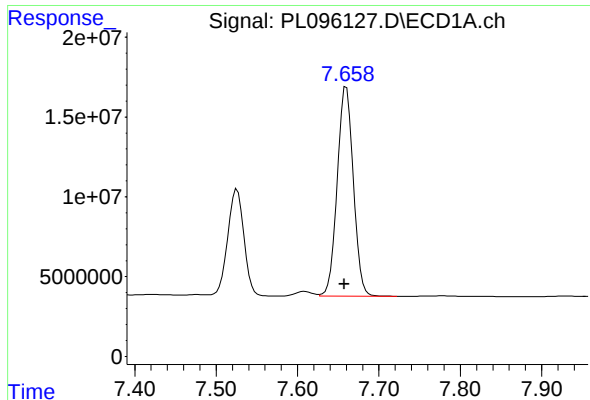
#20 Methoxychlor

R.T.: 7.526 min
Delta R.T.: 0.004 min
Response: 91174279
Conc: 51.21 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 172146394
Conc: 52.48 ng/ml



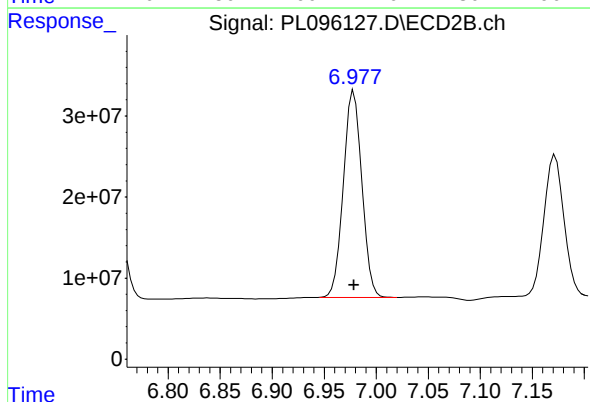
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.002 min
Response: 180605930
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

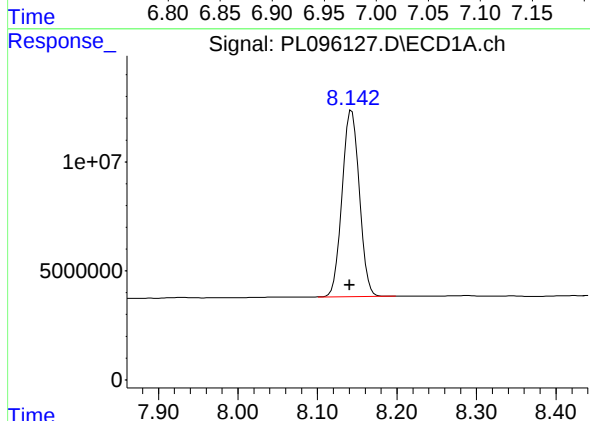
Manual Integrations
APPROVED

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



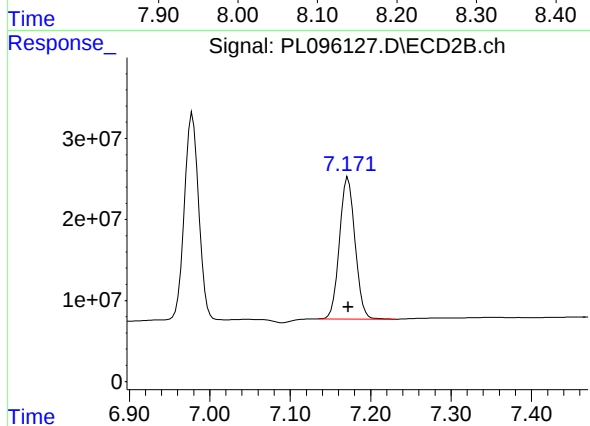
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 315634563
Conc: 47.56 ng/ml



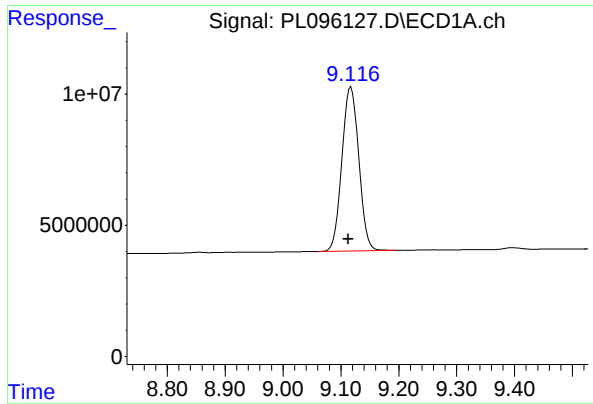
#22 Mirex

R.T.: 8.143 min
Delta R.T.: 0.003 min
Response: 129072894
Conc: 43.56 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 235515213
Conc: 42.18 ng/ml



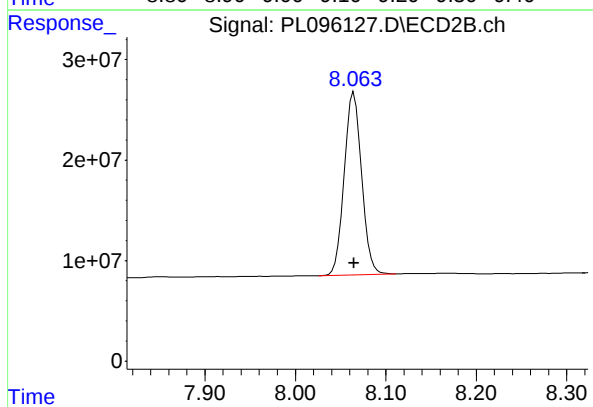
#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: 0.005 min
Response: 125716653
Conc: 43.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 243525483
Conc: 40.40 ng/ml