

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061825\
 Data File : PL096112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2025 18:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/19/2025
 Supervised By : mohammad ahmed 06/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 01:30:44 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	199.2E6	256.3E6	54.752	54.037
2)	SA Decachlor...	9.116	8.065	134.5E6	270.3E6	46.984	44.851
Target Compounds							
2)	A alpha-BHC	4.022	3.390	315.0E6	398.4E6	55.622	55.373
3)	MA gamma-BHC...	4.354	3.724	290.3E6	374.2E6	54.867	54.613
4)	MA Heptachlor	4.951	4.076	251.5E6	357.2E6	51.742	51.218
5)	MB Aldrin	5.293	4.360	271.2E6	352.4E6	53.187	53.569
6)	B beta-BHC	4.542	4.019	123.4E6	161.5E6	54.737	53.310
7)	B delta-BHC	4.789	4.254	282.8E6	374.5E6	54.405	54.500
8)	B Heptachlo...	5.714	4.862	238.6E6	326.7E6	52.554	52.979
9)	A Endosulfan I	6.098	5.235	222.8E6	313.7E6	51.879	48.928
10)	B gamma-Chl...	5.969	5.115	245.5E6	350.3E6	52.712	52.672
11)	B alpha-Chl...	6.050	5.180	240.2E6	345.4E6	51.892	50.670
12)	B 4,4'-DDE	6.222	5.366	221.3E6	343.6E6	51.092	52.373m
13)	MA Dieldrin	6.372	5.501	239.6E6	344.8E6	51.830	52.553
14)	MA Endrin	6.599	5.776	180.8E6	291.4E6	47.567	49.098
15)	B Endosulfa...	6.813	6.069	196.4E6	308.8E6	49.578	51.934
16)	A 4,4'-DDD	6.732	5.922	183.8E6	286.9E6	52.701	52.147
17)	MA 4,4'-DDT	7.048	6.177	157.6E6	275.1E6	45.138	45.855
18)	B Endrin al...	6.942	6.247	143.5E6	226.6E6	50.530	50.509
19)	B Endosulfa...	7.176	6.471	179.6E6	291.5E6	49.540	51.281
20)	A Methoxychlor	7.524	6.749	75892170	143.7E6	42.624	43.814
21)	B Endrin ke...	7.659	6.978	195.1E6	341.9E6	50.104	51.515
22)	Mirex	8.142	7.172	140.0E6	255.8E6	47.254	45.816

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061825\
Data File : PL096112.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 18:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

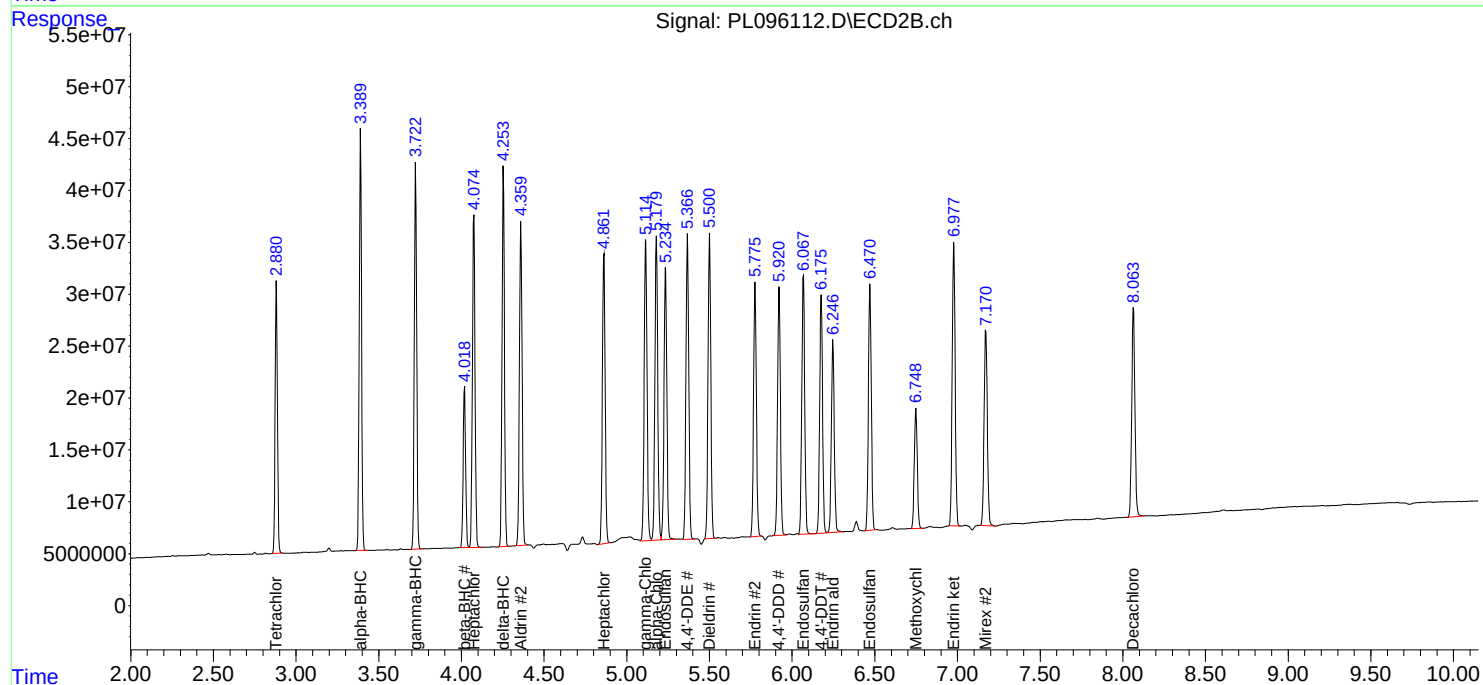
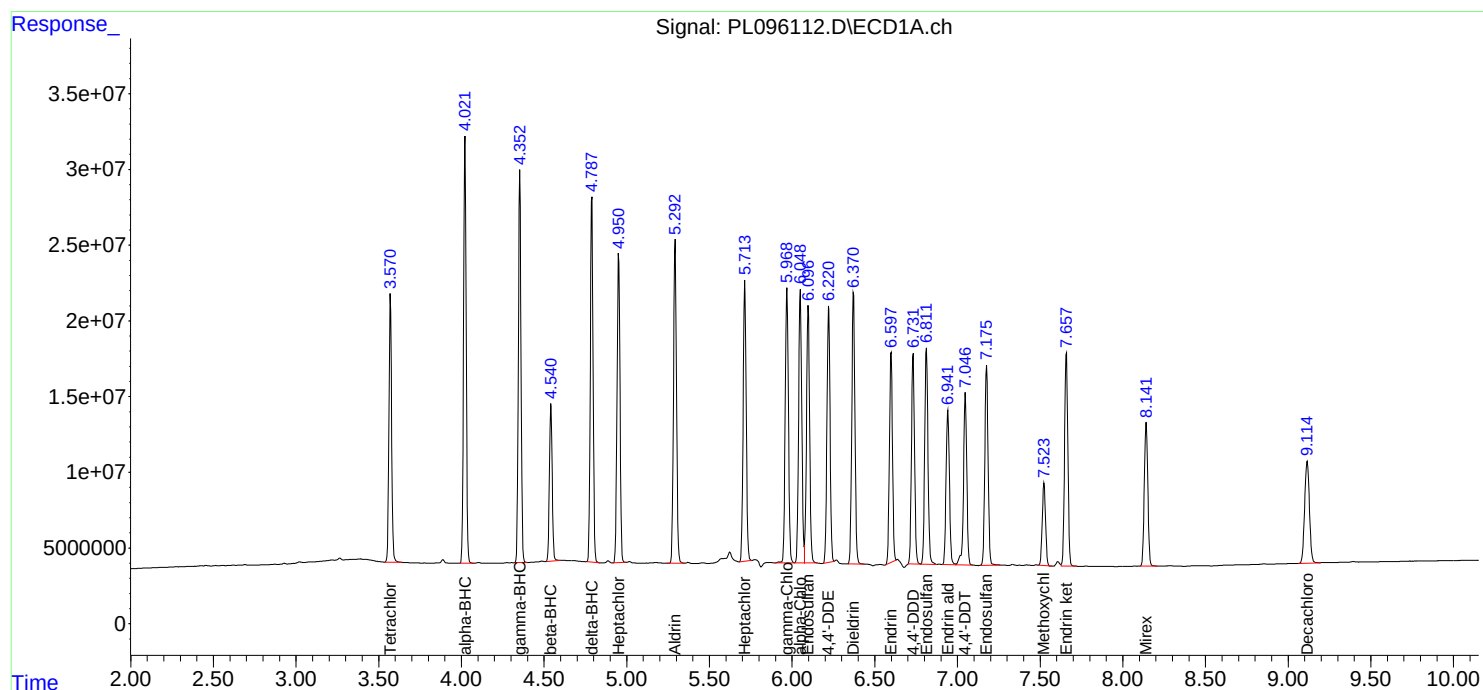
APPROVED

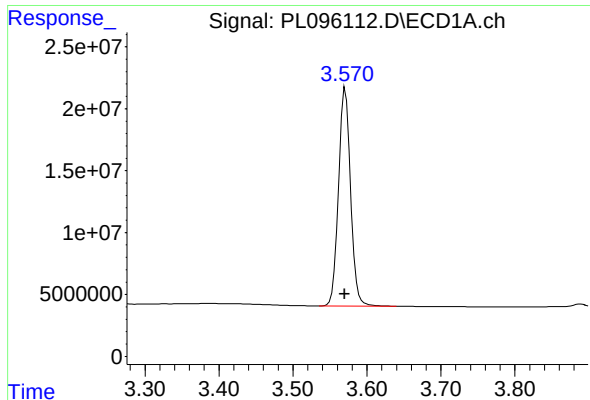
Reviewed By :Abdul Mirza 06/19/2025

Supervised By :mohammad ahmed 06/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 01:30:44 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-MR2 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





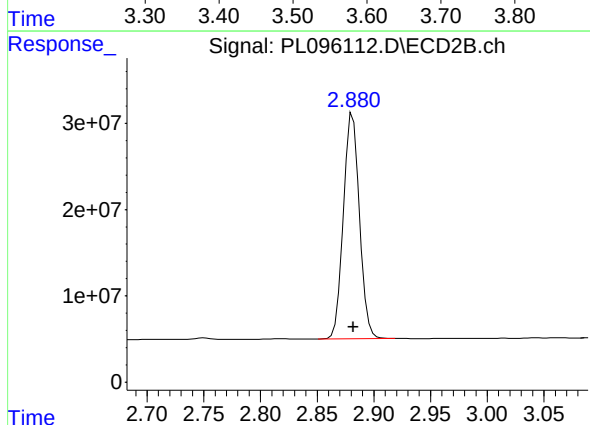
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.000 min
Response: 199237521
Conc: 54.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

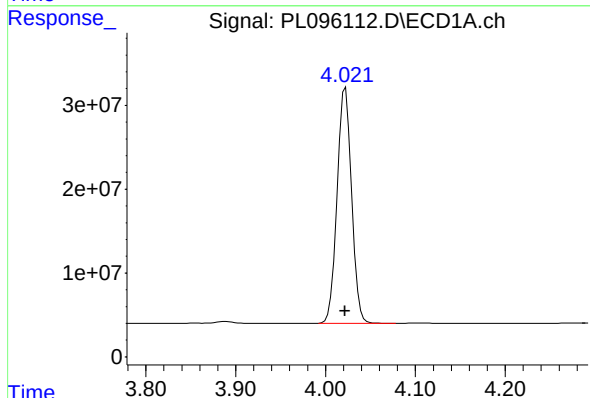
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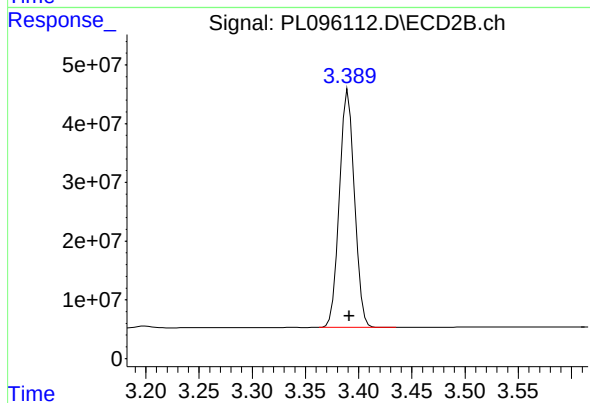
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 256295388
Conc: 54.04 ng/ml



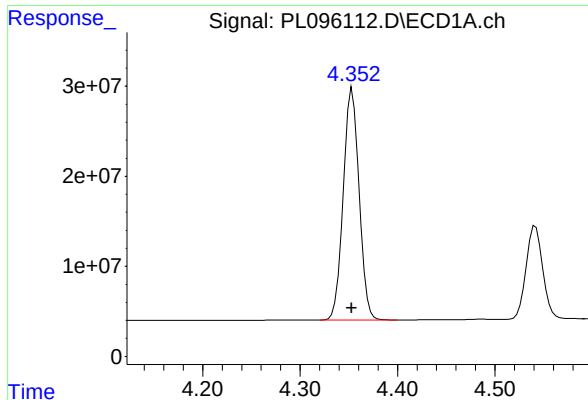
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 315045637
Conc: 55.62 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 398415581
Conc: 55.37 ng/ml



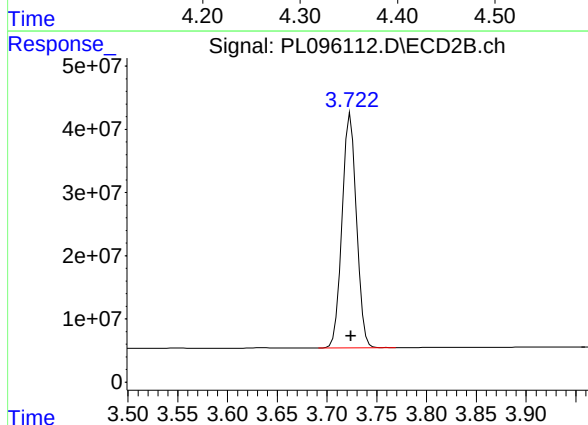
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 290325919
Conc: 54.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

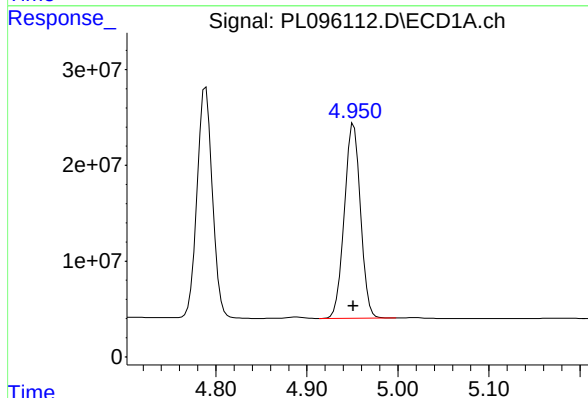
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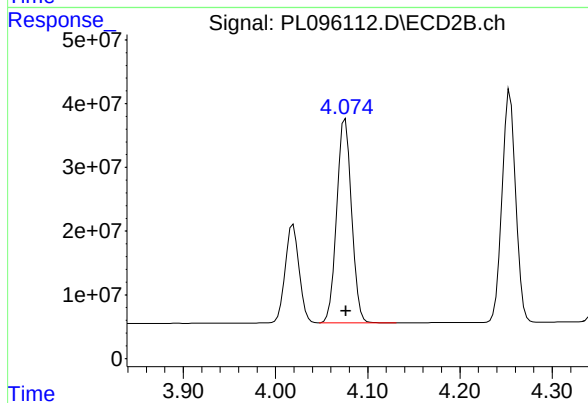
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 374209483
Conc: 54.61 ng/ml



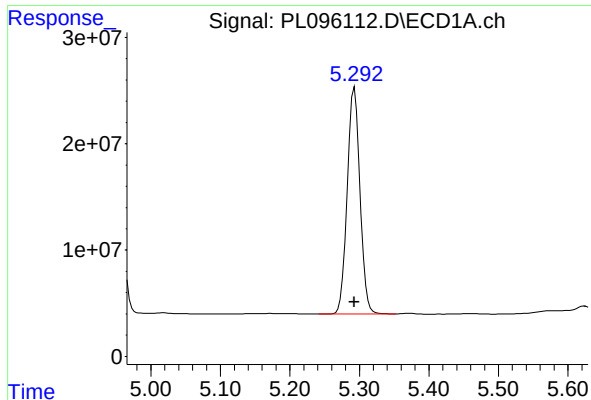
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 251482373
Conc: 51.74 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 357199372
Conc: 51.22 ng/ml



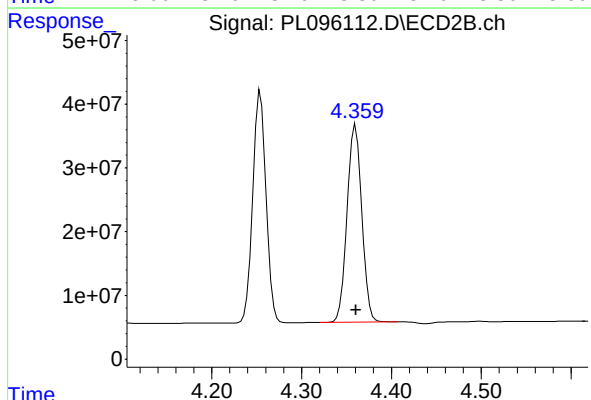
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 271158352
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

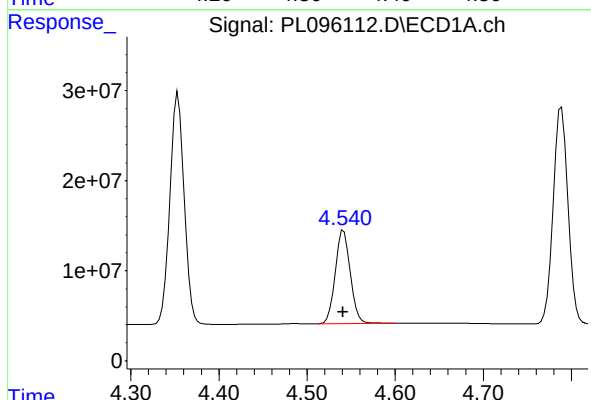
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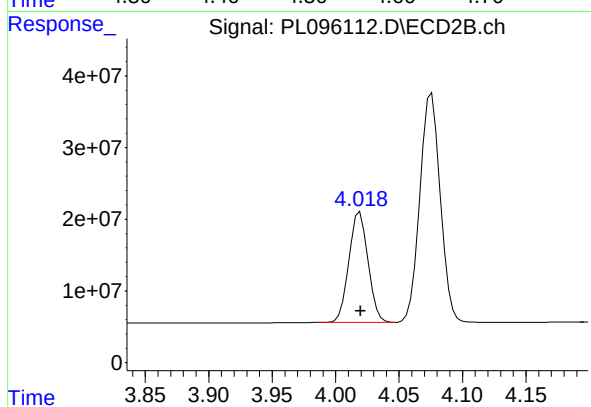
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 352437112
Conc: 53.57 ng/ml



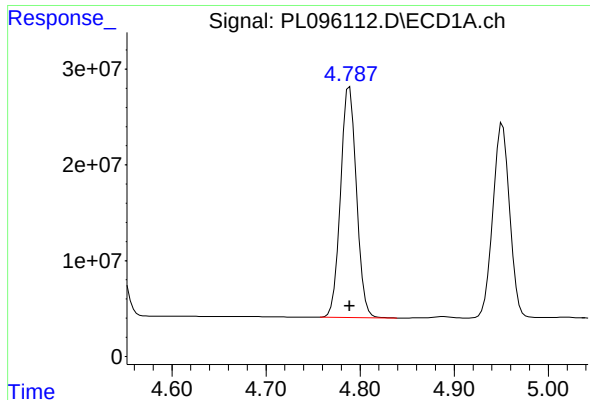
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 123415651
Conc: 54.74 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 161511785
Conc: 53.31 ng/ml



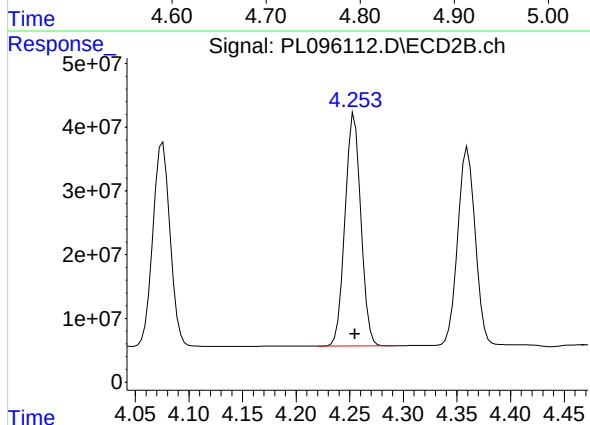
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 282829005
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

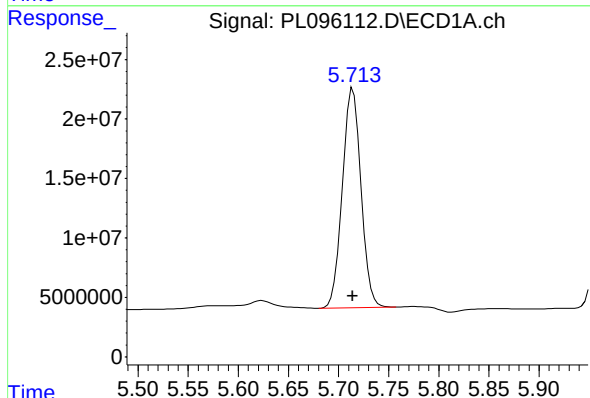
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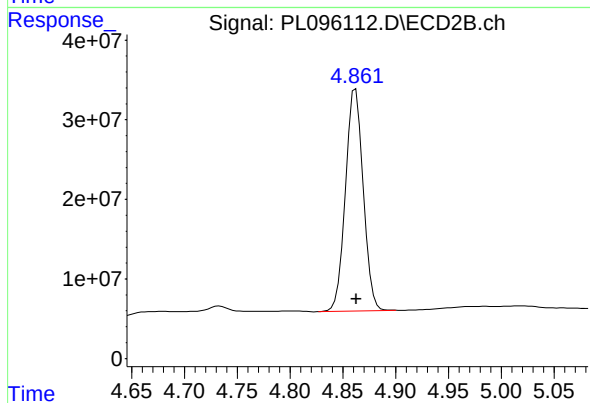
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 374535005
Conc: 54.50 ng/ml



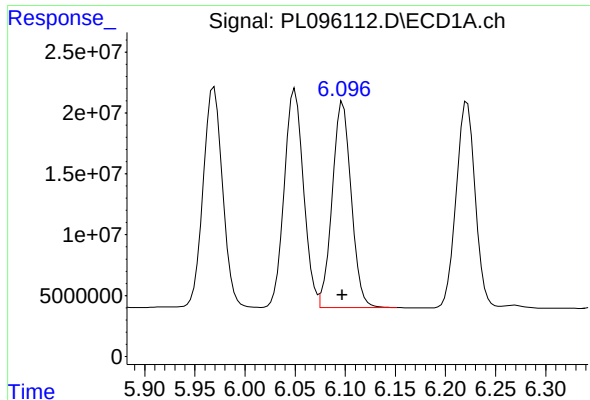
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 238608390
Conc: 52.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 326692673
Conc: 52.98 ng/ml



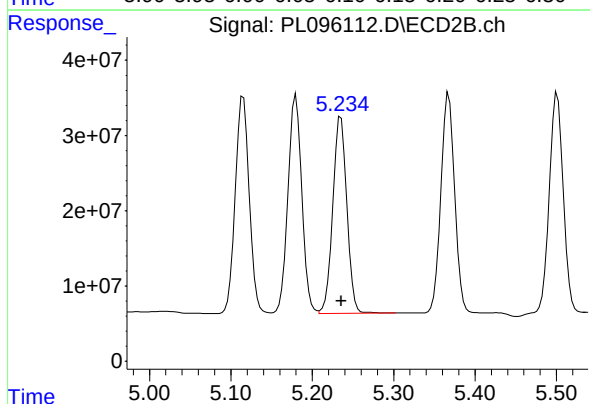
#9 Endosulfan I

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 222823817
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

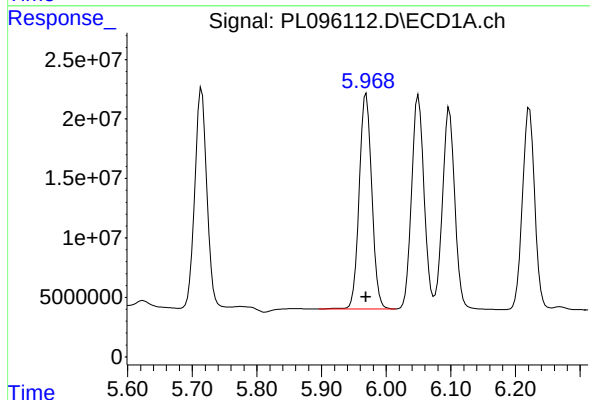
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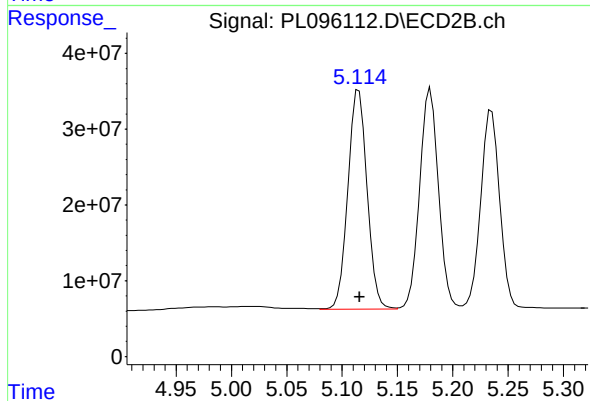
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 313740136
Conc: 48.93 ng/ml



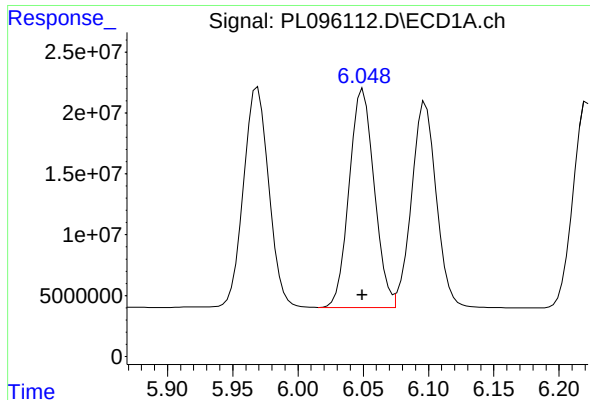
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 245495688
Conc: 52.71 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 350346785
Conc: 52.67 ng/ml



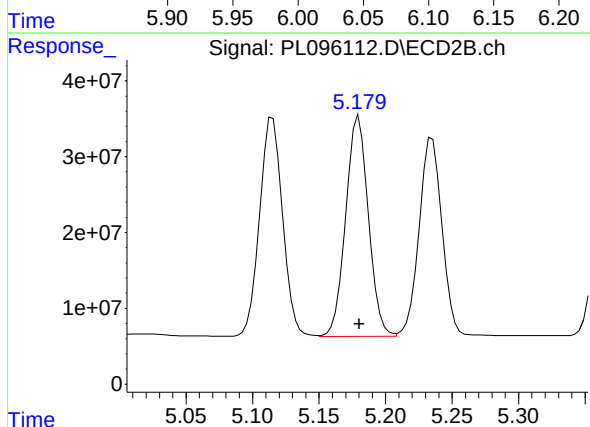
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 240223430
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

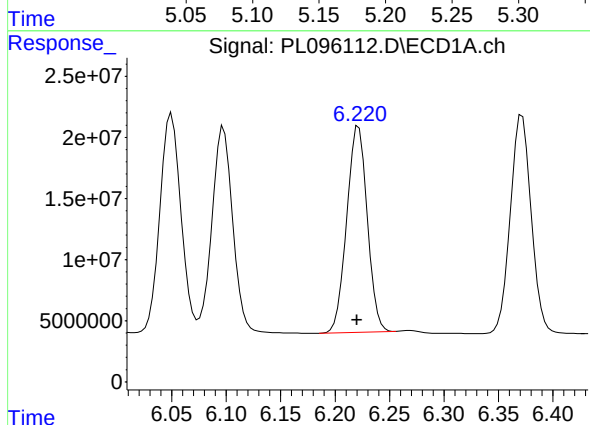
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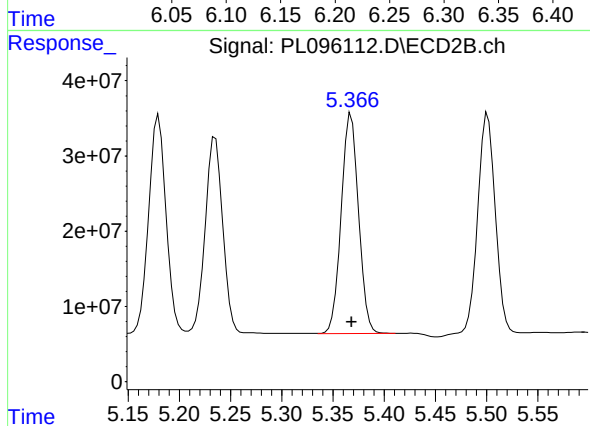
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 345438294
Conc: 50.67 ng/ml



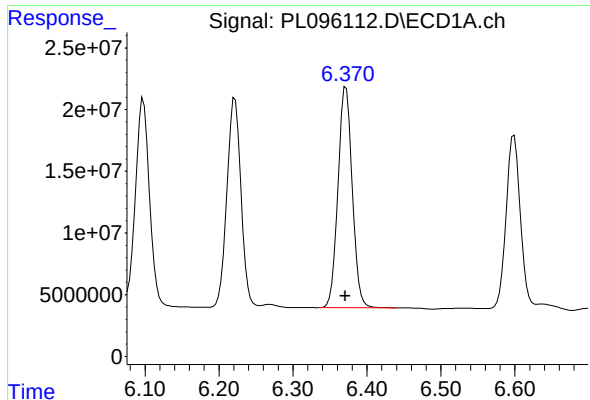
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: 0.002 min
Response: 221261483
Conc: 51.09 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 343554399
Conc: 52.37 ng/ml m



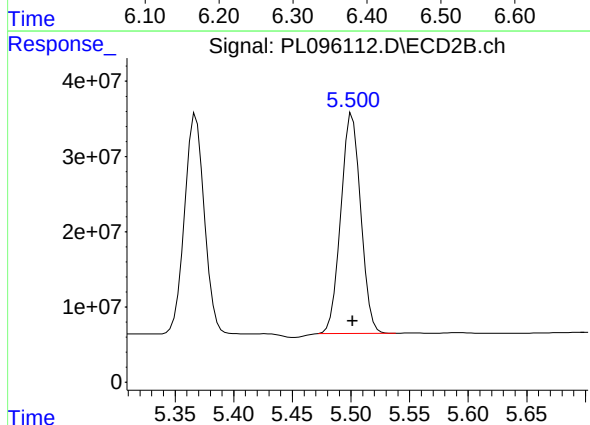
#13 Dieldrin

R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 239575188
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

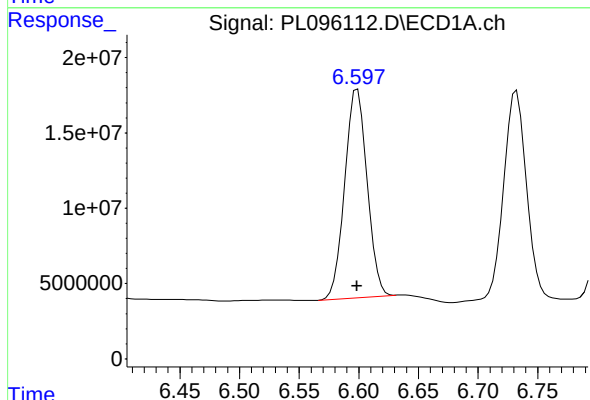
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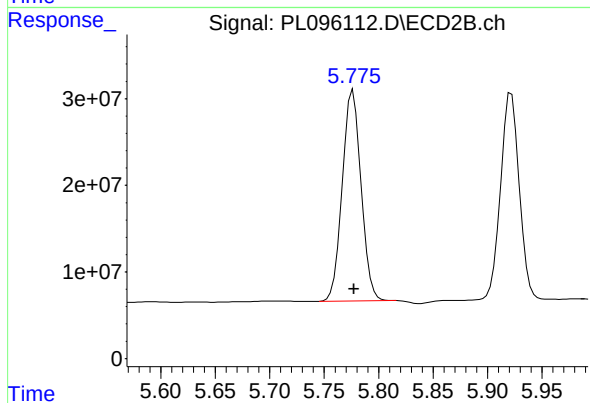
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 344798144
Conc: 52.55 ng/ml



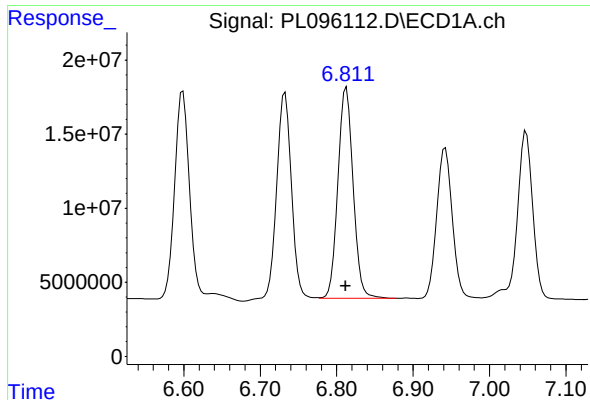
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 180803542
Conc: 47.57 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 291403622
Conc: 49.10 ng/ml



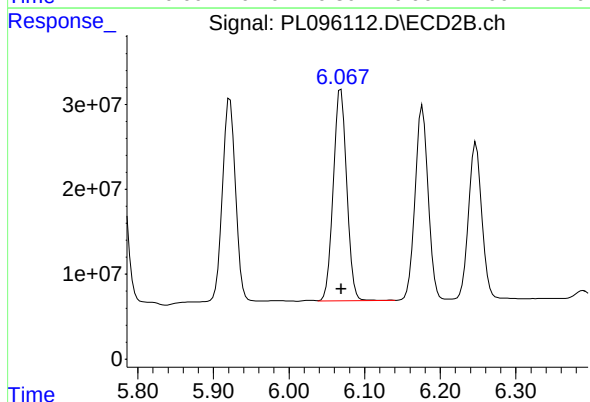
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 196367830
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

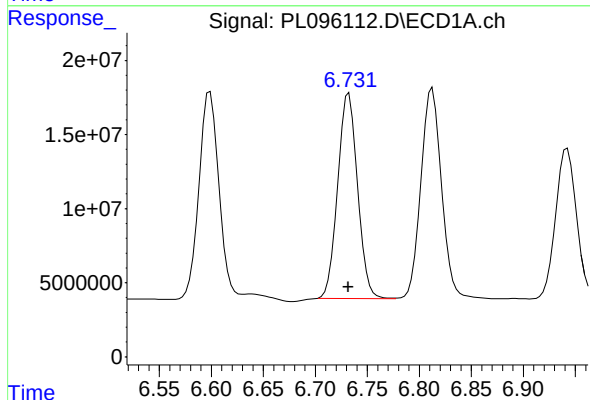
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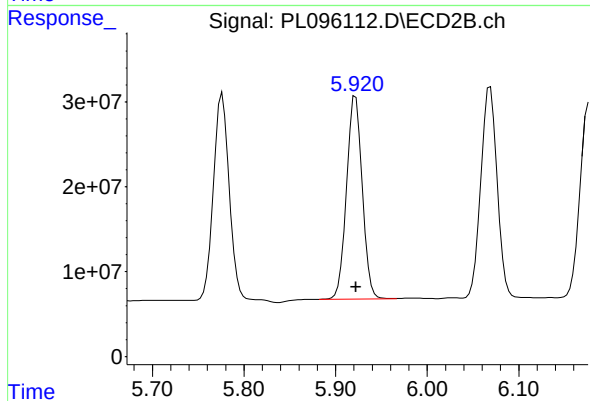
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 308780886
Conc: 51.93 ng/ml



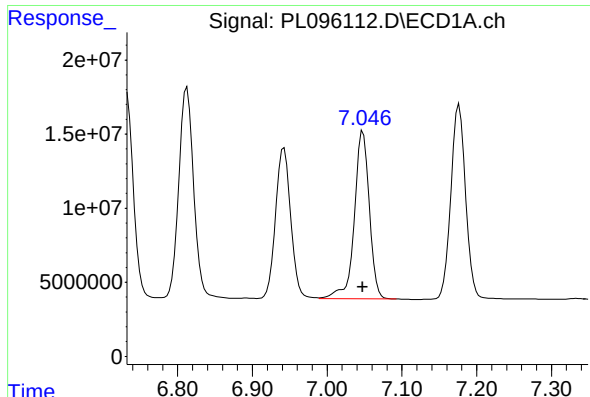
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 183830768
Conc: 52.70 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 286856668
Conc: 52.15 ng/ml



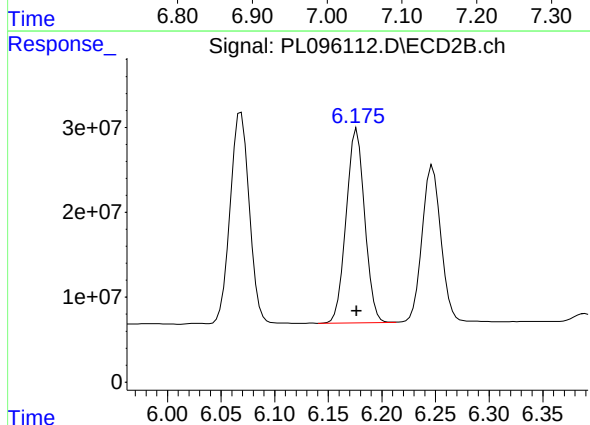
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 157632820
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

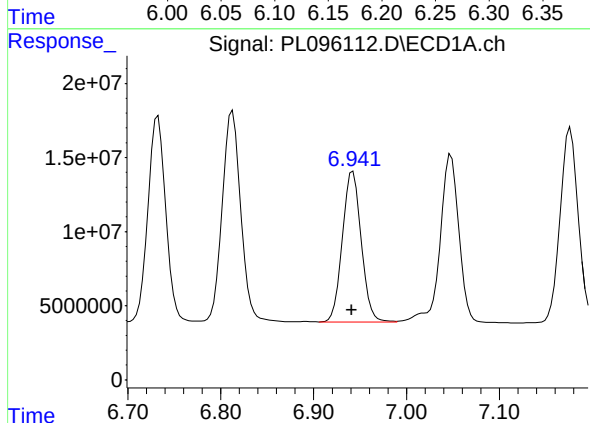
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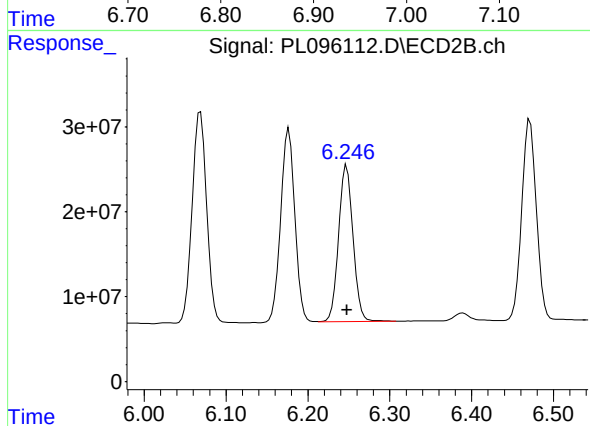
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 275134148
Conc: 45.86 ng/ml



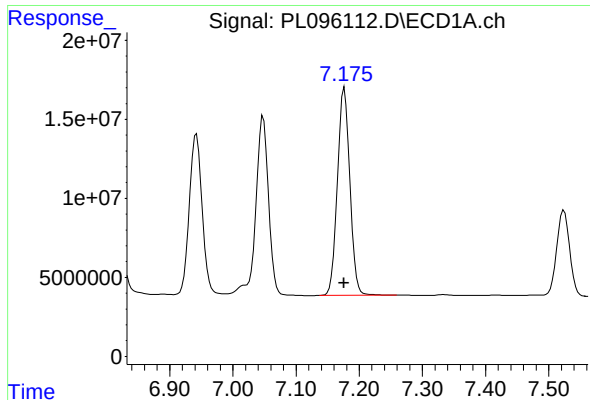
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.001 min
Response: 143510426
Conc: 50.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 226589189
Conc: 50.51 ng/ml



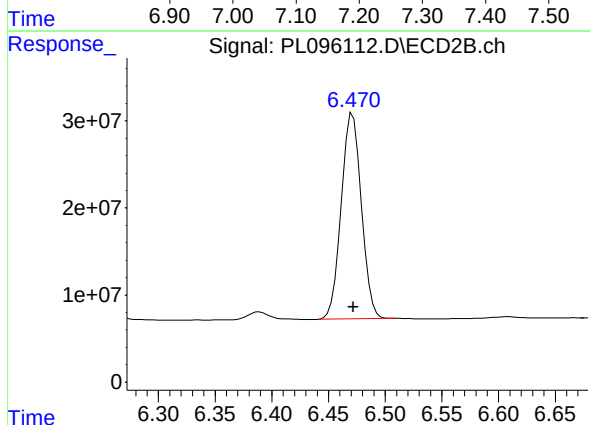
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 179647694
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

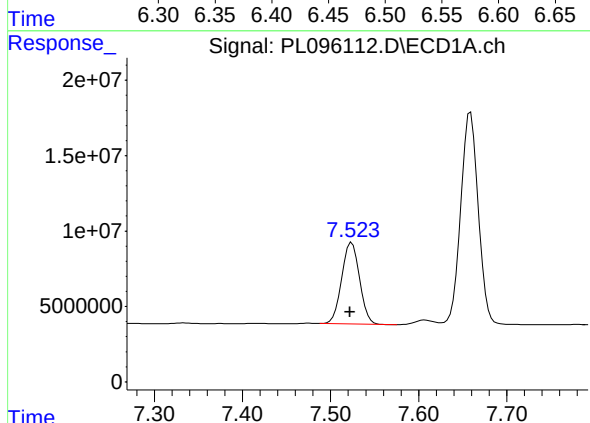
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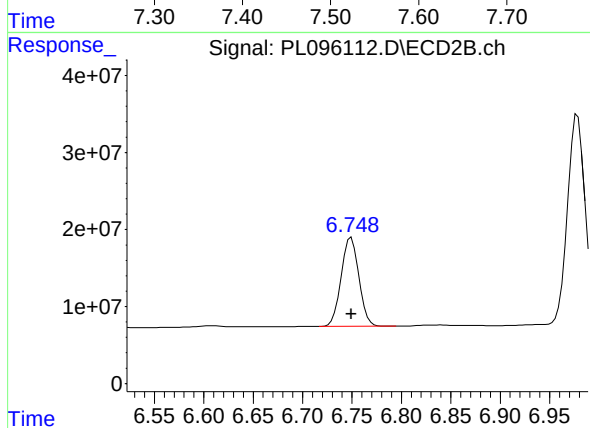
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 291545339
Conc: 51.28 ng/ml



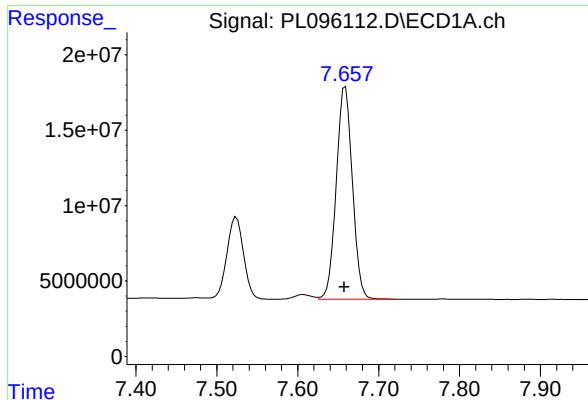
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.002 min
Response: 75892170
Conc: 42.62 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 143730671
Conc: 43.81 ng/ml



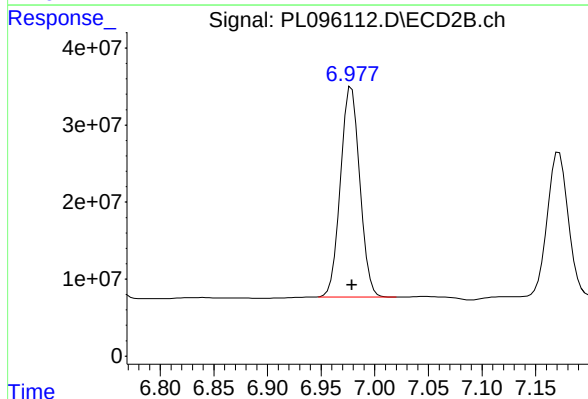
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: 0.001 min
Response: 195124540
Conc: 50.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

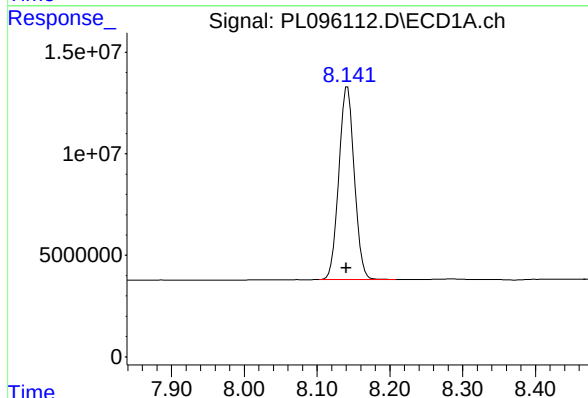
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Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



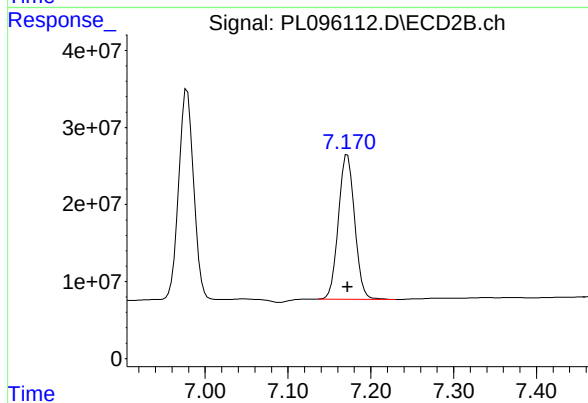
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 341857973
Conc: 51.51 ng/ml



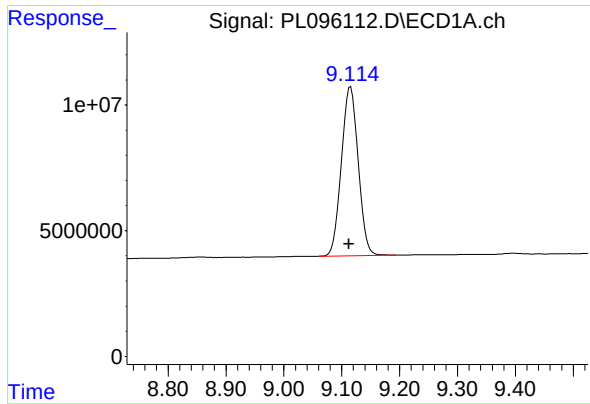
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.002 min
Response: 140002891
Conc: 47.25 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 255842112
Conc: 45.82 ng/ml



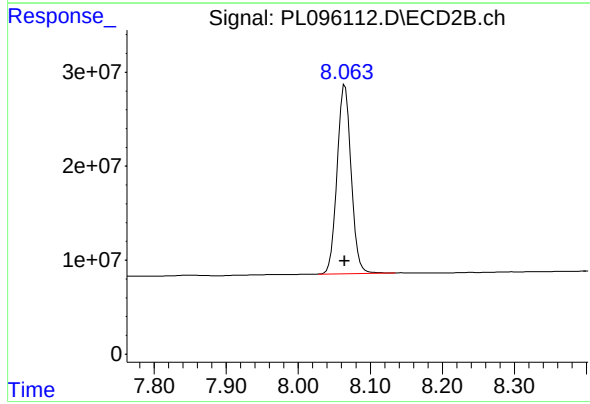
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.003 min
Response: 134542165
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 270336583
Conc: 44.85 ng/ml