

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
 Data File : PL096472.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 16:29
 Operator : AR\AJ
 Sample : PB168880BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168880BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/21/2025
 Supervised By : mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:26:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.537	2.829	71190224	121.2E6	19.510	20.997
28)	SA Decachlor...	9.019	7.994	56494557	105.0E6	20.083	21.064
Target Compounds							
2)	A alpha-BHC	3.984	3.334	258.2E6	450.5E6	50.194	53.417
3)	MA gamma-BHC...	4.312	3.666	246.3E6	417.4E6	49.467	52.994
4)	MA Heptachlor	4.905	4.015	225.9E6	393.2E6	49.308	51.683
5)	MB Aldrin	5.245	4.298	235.5E6	386.3E6	48.719	52.944
6)	B beta-BHC	4.499	3.962	103.5E6	173.6E6	49.777	50.698
7)	B delta-BHC	4.744	4.195	232.7E6	408.9E6	51.926	53.092
8)	B Heptachlo...	5.664	4.800	215.3E6	348.2E6	51.900	52.081
9)	A Endosulfan I	6.046	5.171	197.9E6	322.9E6	49.026	45.003
10)	B gamma-Chl...	5.918	5.052	216.1E6	365.7E6	48.840	52.100
11)	B alpha-Chl...	5.998	5.116	213.9E6	356.5E6	48.847	47.404
12)	B 4,4'-DDE	6.168	5.305	179.4E6	337.6E6	48.396	52.235
13)	MA Dieldrin	6.318	5.436	207.7E6	355.8E6	49.118	52.174
14)	MA Endrin	6.544	5.710	153.4E6	301.1E6	49.310	49.382
15)	B Endosulfa...	6.757	6.002	171.3E6	303.2E6	49.374	51.708
16)	A 4,4'-DDD	6.677	5.857	152.8E6	294.0E6	52.480	57.334
17)	MA 4,4'-DDT	6.992	6.110	139.0E6	262.2E6	45.801	45.717
18)	B Endrin al...	6.884	6.180	130.3E6	238.1E6	58.306m	53.447
19)	B Endosulfa...	7.120	6.403	154.4E6	299.2E6	50.480	53.198
20)	A Methoxychlor	7.464	6.682	70820228	139.0E6	44.954	45.754
21)	B Endrin ke...	7.599	6.908	166.4E6	331.1E6	50.409	52.965
22)	Mirex	8.078	7.099	135.2E6	247.6E6	48.578	49.837

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
Data File : PL096472.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2025 16:29
Operator : AR\AJ
Sample : PB168880BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

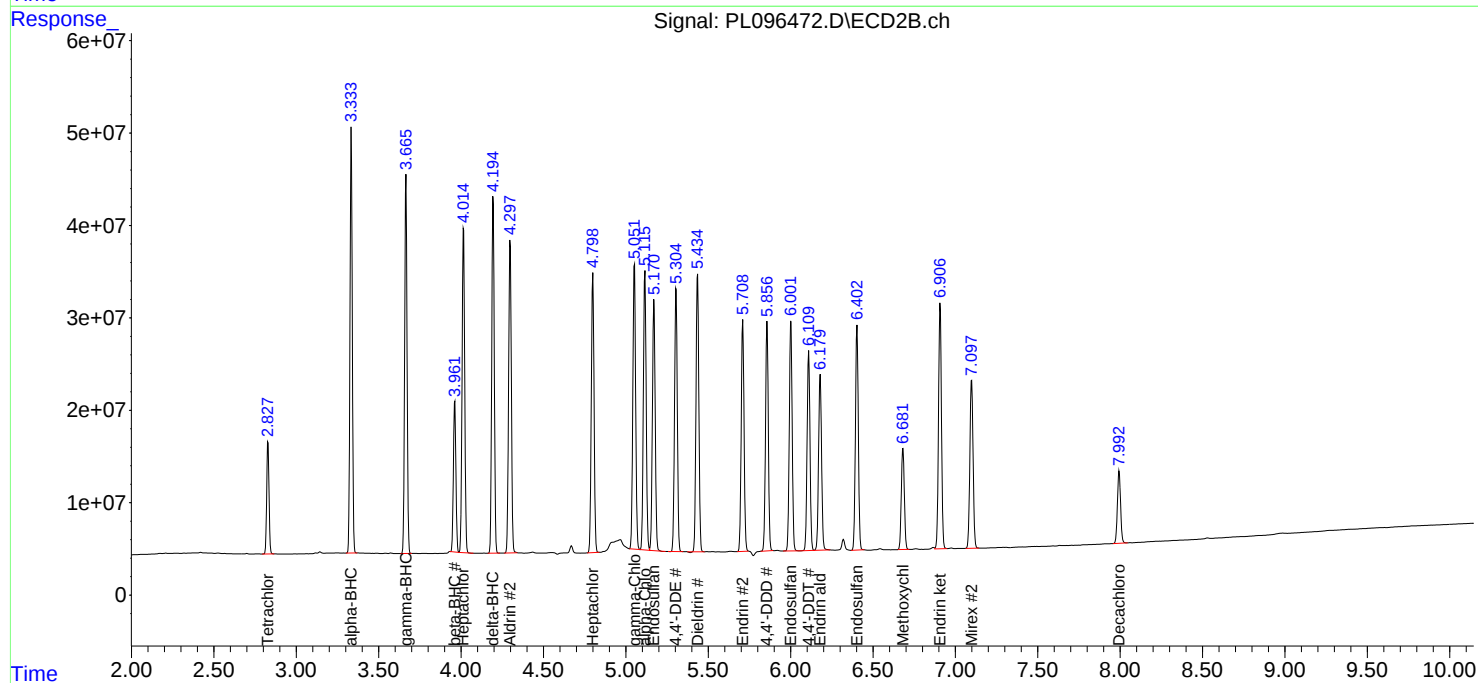
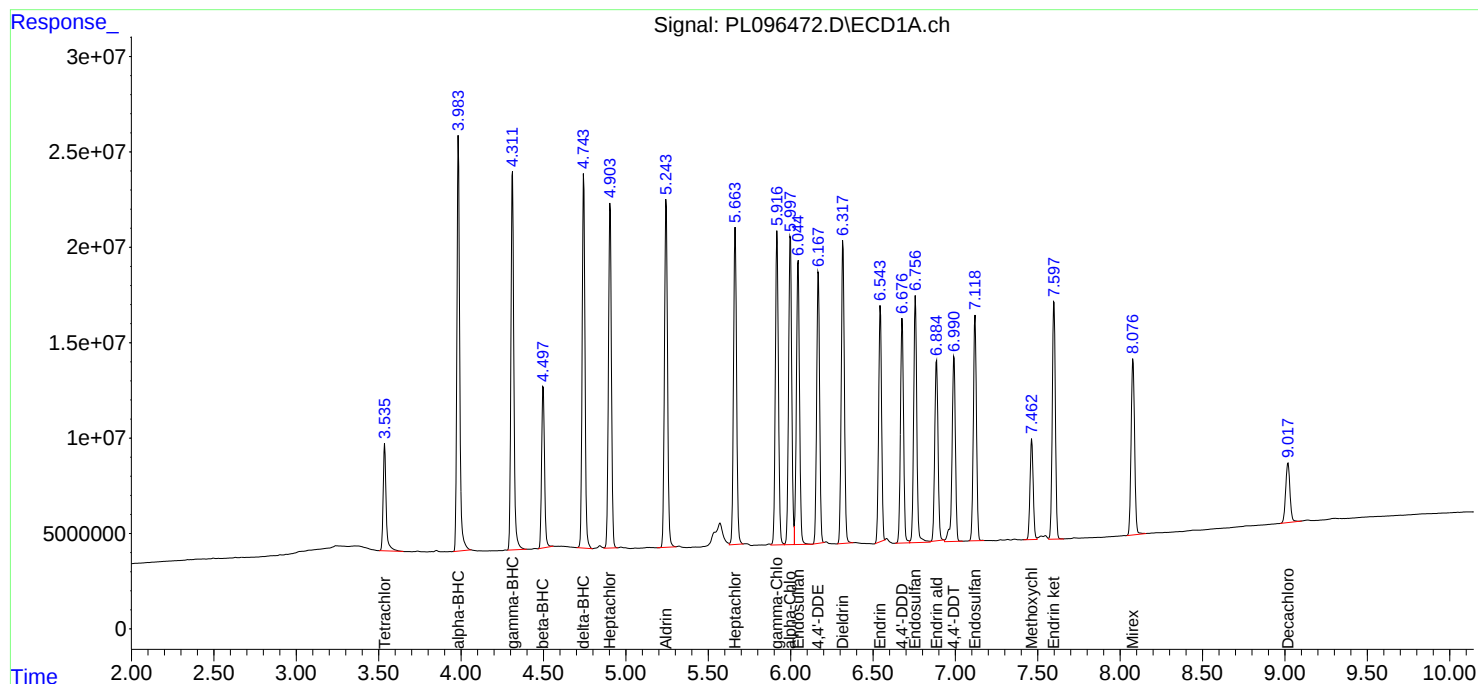
Instrument :
ECD_L
ClientSampleId :
PB168880BS

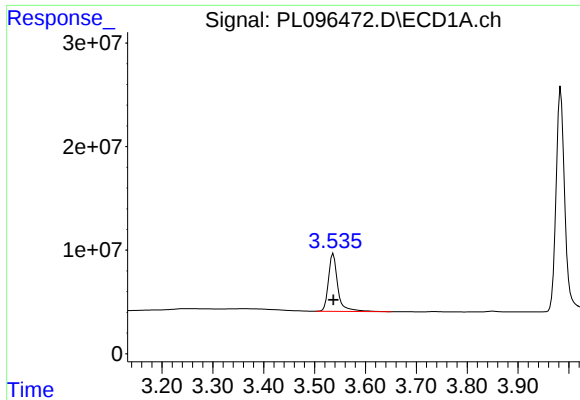
Manual Integrations
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Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 23:26:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





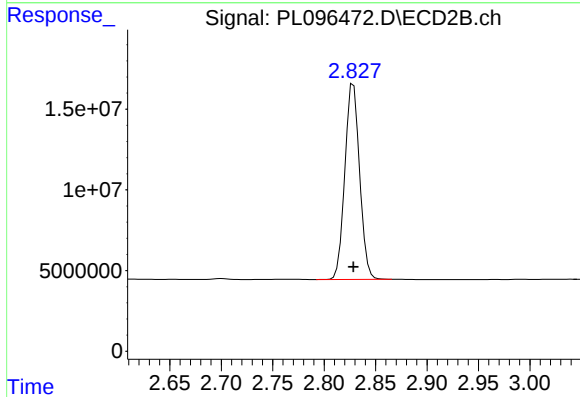
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 71190224
Conc: 19.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

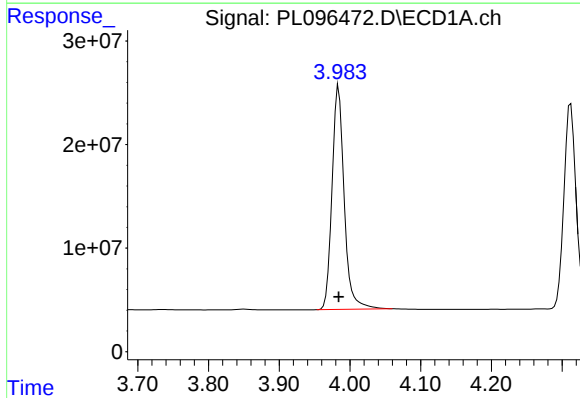
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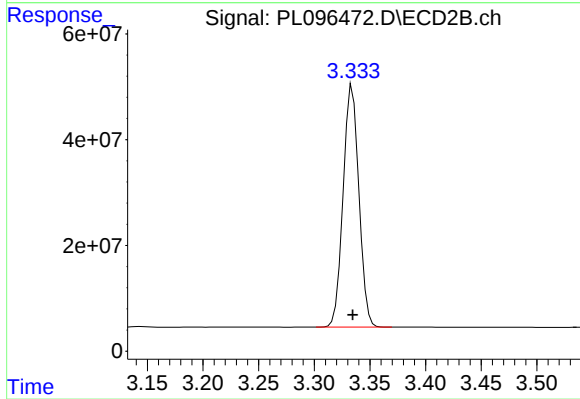
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 121176872
Conc: 21.00 ng/ml



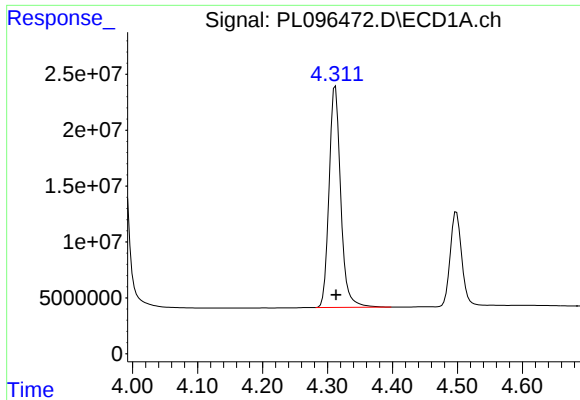
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 258153181
Conc: 50.19 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 450535537
Conc: 53.42 ng/ml



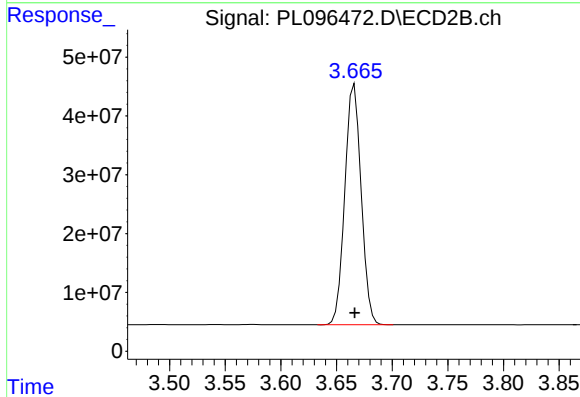
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 246329106
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

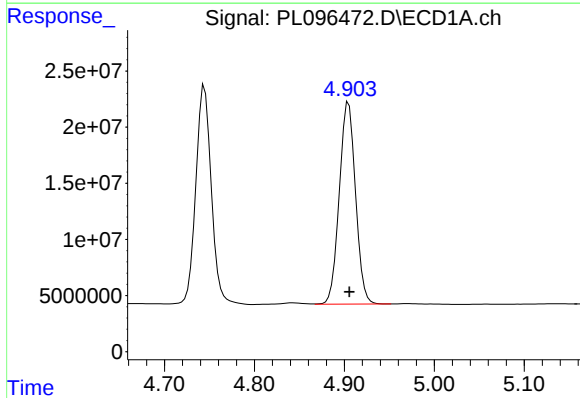
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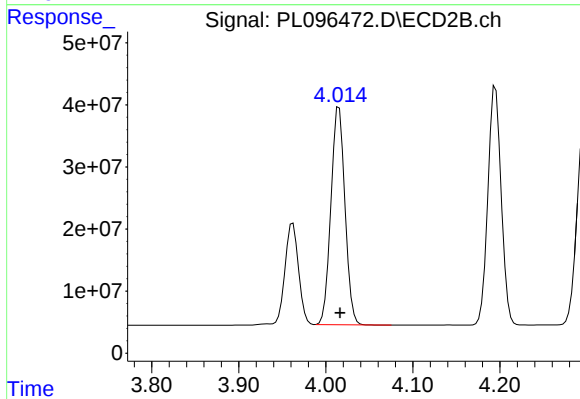
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 417370324
Conc: 52.99 ng/ml



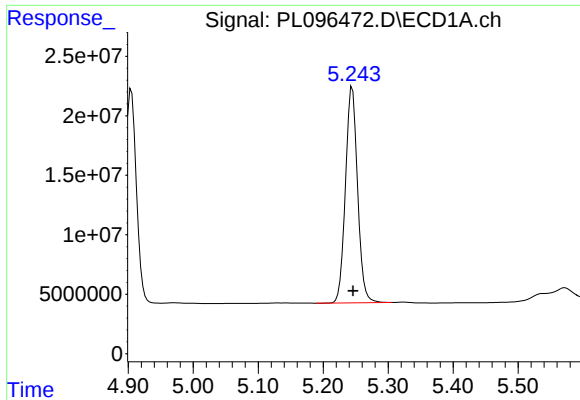
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 225888611
Conc: 49.31 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: -0.001 min
Response: 393189473
Conc: 51.68 ng/ml



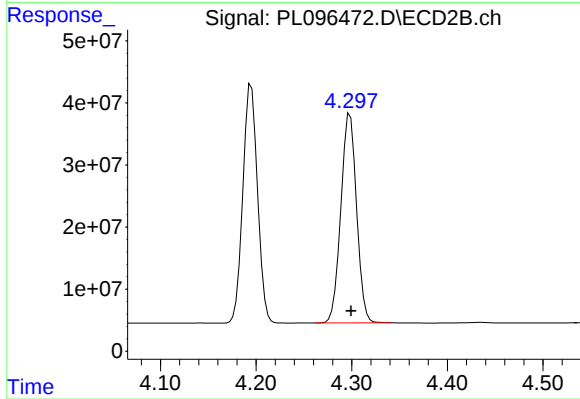
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 235495934
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

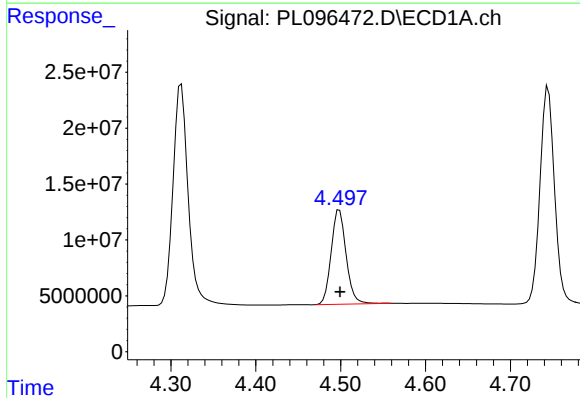
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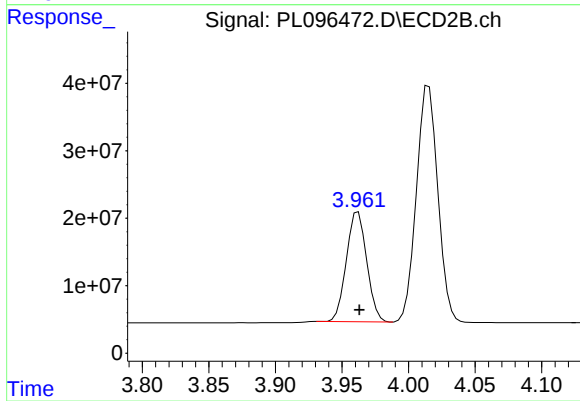
#5 Aldrin

R.T.: 4.298 min
Delta R.T.: -0.001 min
Response: 386259670
Conc: 52.94 ng/ml



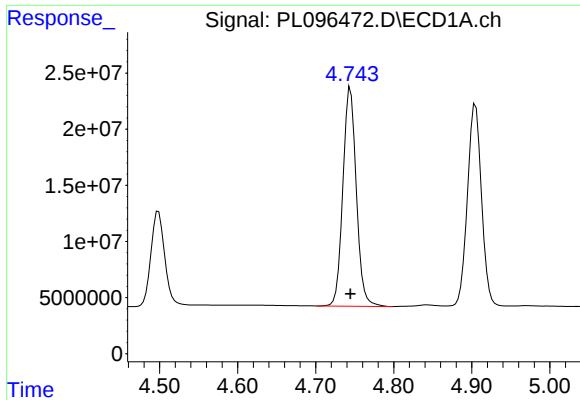
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 103476432
Conc: 49.78 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 173584494
Conc: 50.70 ng/ml



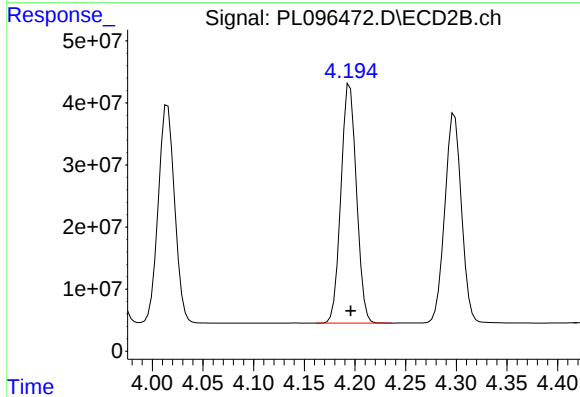
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 232698180
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

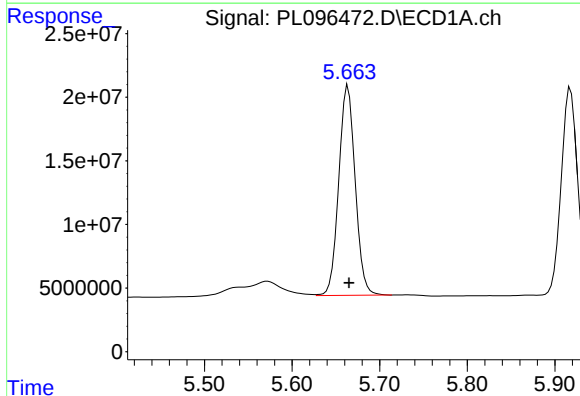
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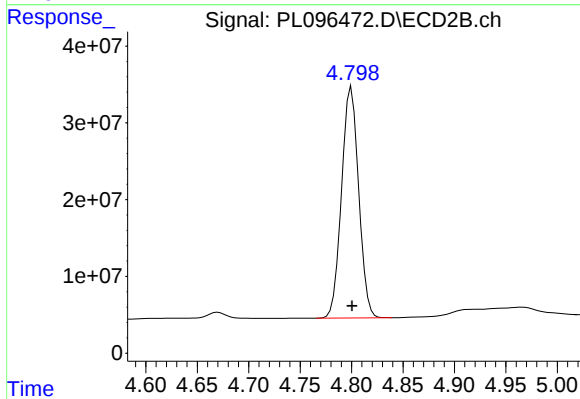
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 408912948
Conc: 53.09 ng/ml



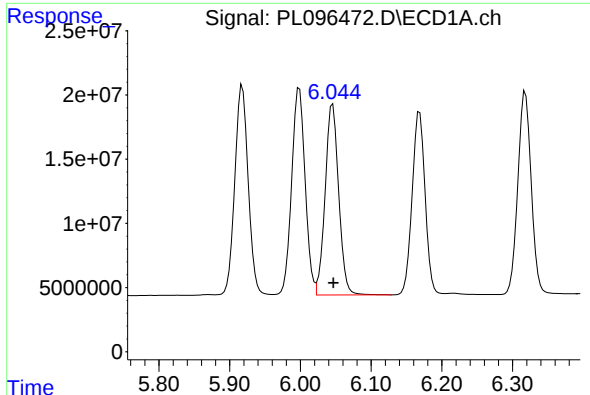
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 215341246
Conc: 51.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 348154447
Conc: 52.08 ng/ml



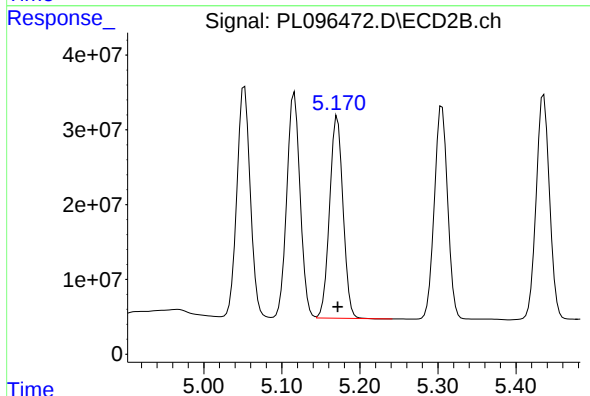
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: -0.001 min
Response: 197928901
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

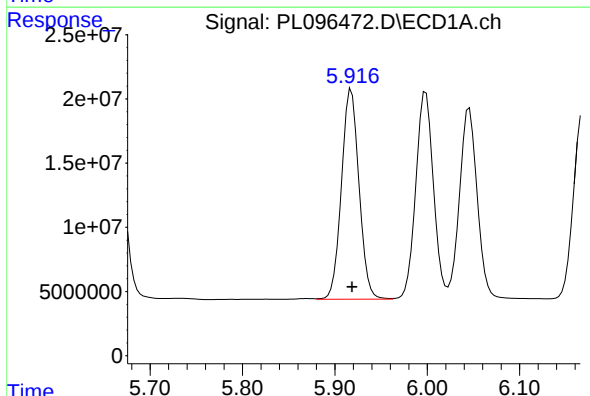
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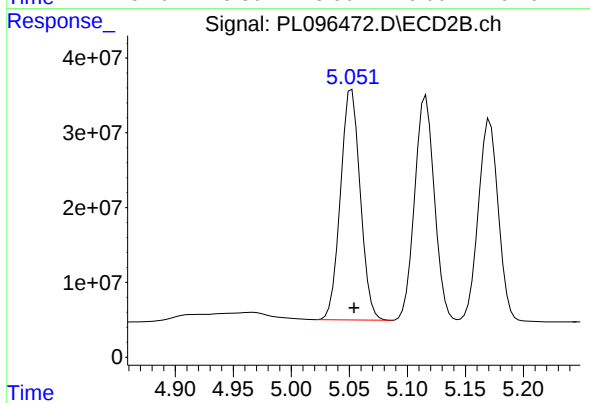
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 322859197
Conc: 45.00 ng/ml



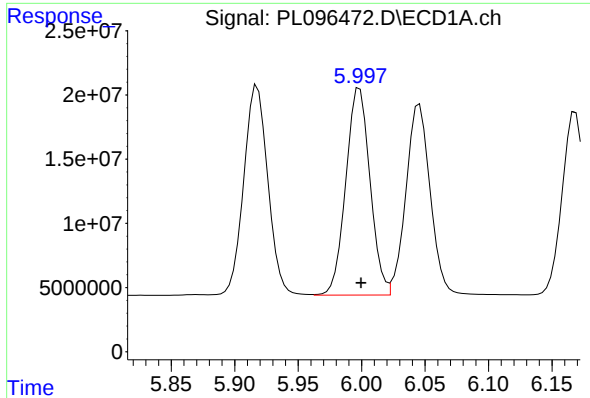
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 216108521
Conc: 48.84 ng/ml



#10 gamma-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 365725824
Conc: 52.10 ng/ml



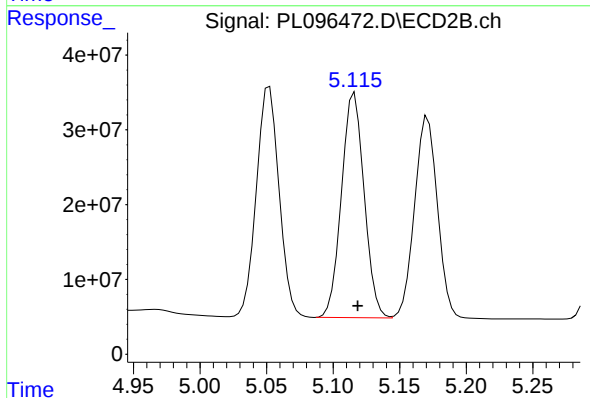
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 213894829
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

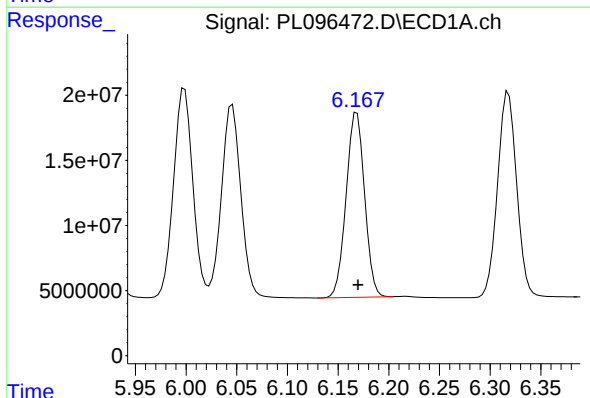
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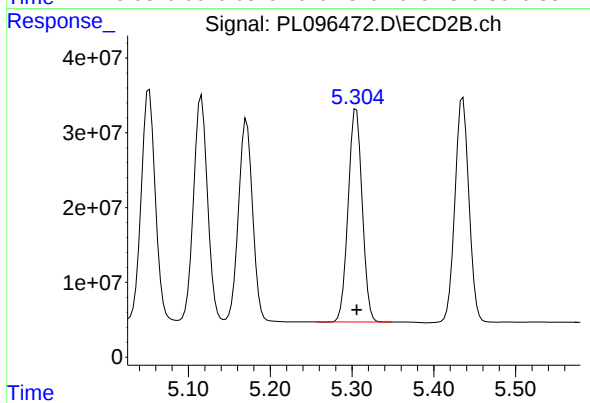
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 356487057
Conc: 47.40 ng/ml



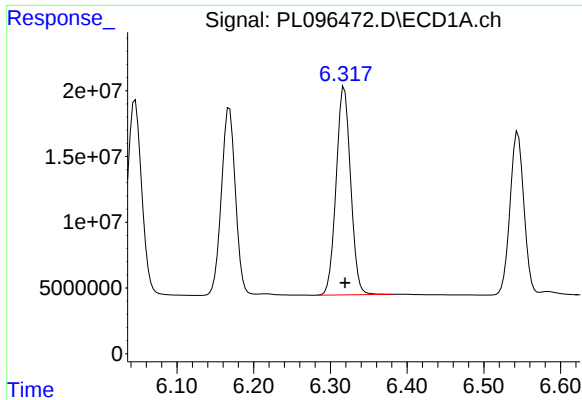
#12 4,4'-DDE

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 179425232
Conc: 48.40 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 337628249
Conc: 52.23 ng/ml



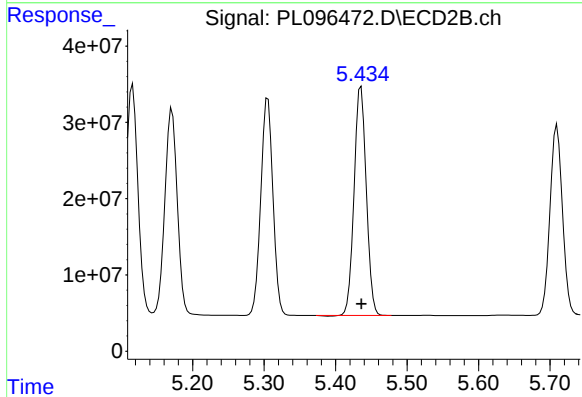
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 207692578
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

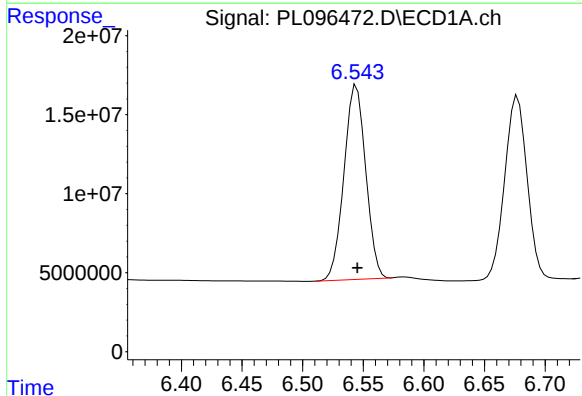
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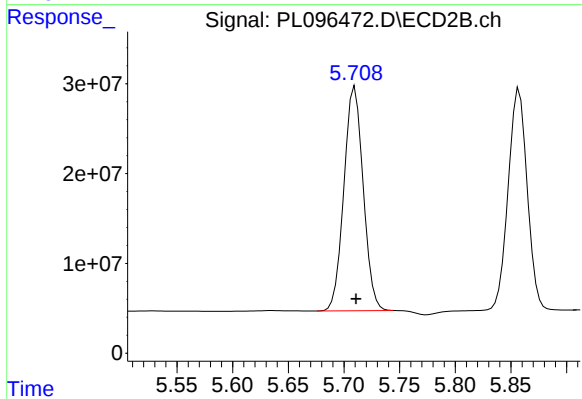
#13 Dieldrin

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 355788709
Conc: 52.17 ng/ml



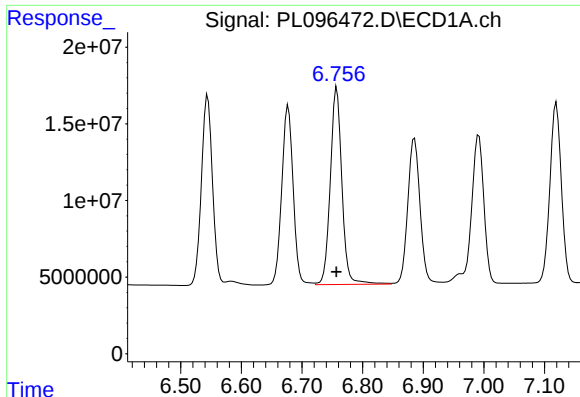
#14 Endrin

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 153364731
Conc: 49.31 ng/ml



#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 301055727
Conc: 49.38 ng/ml



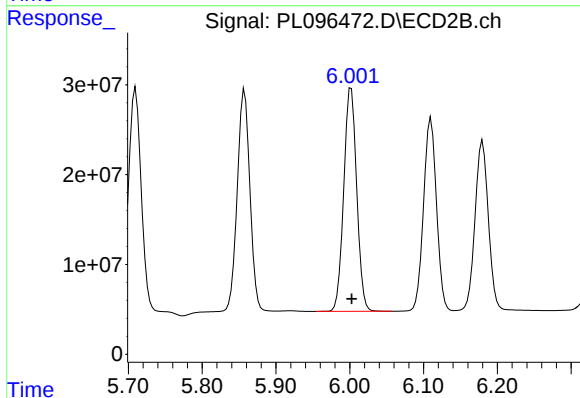
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 171330197
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

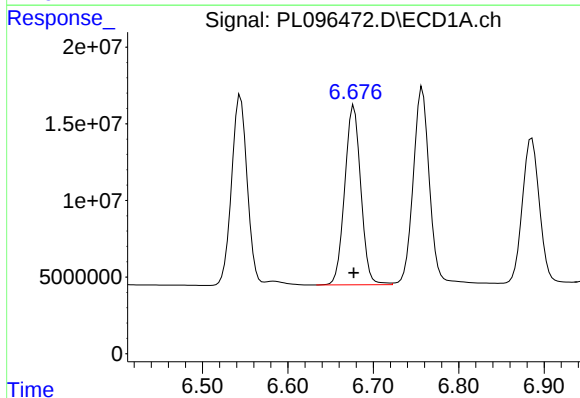
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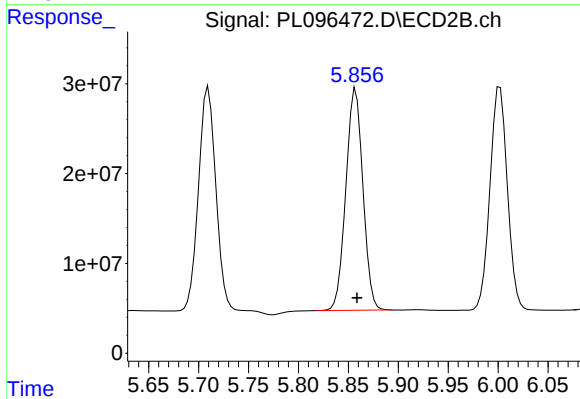
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 303212165
Conc: 51.71 ng/ml



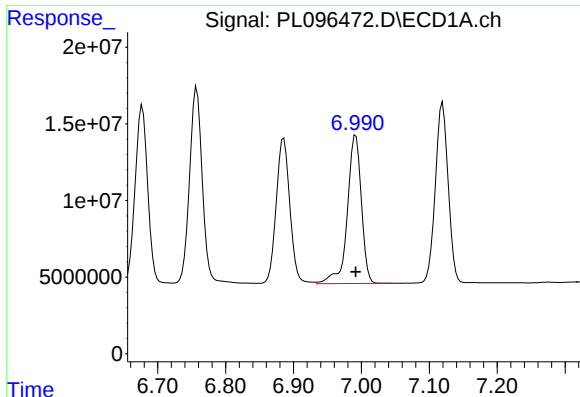
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 152804898
Conc: 52.48 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.001 min
Response: 294046468
Conc: 57.33 ng/ml



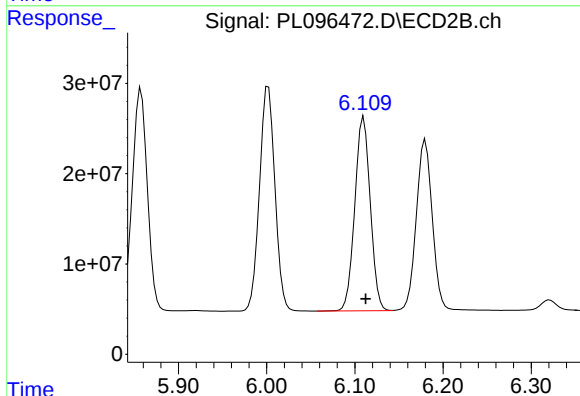
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 139016073
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

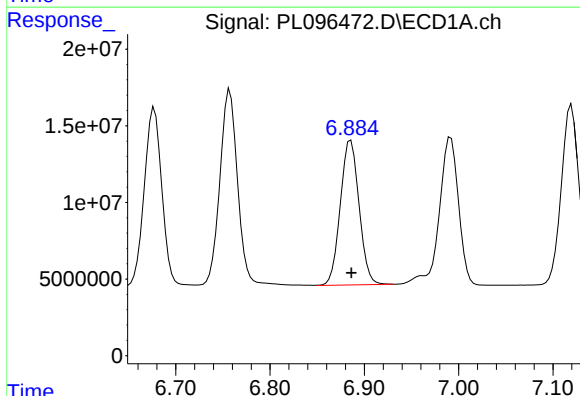
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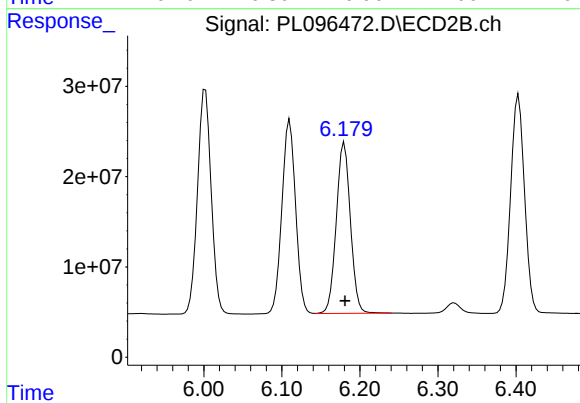
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 262194578
Conc: 45.72 ng/ml



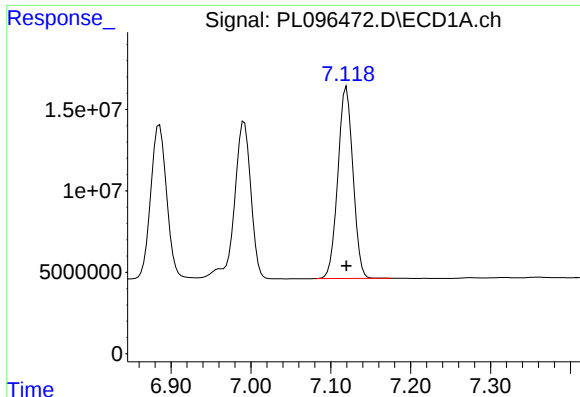
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 130347422
Conc: 58.31 ng/ml m



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 238083511
Conc: 53.45 ng/ml



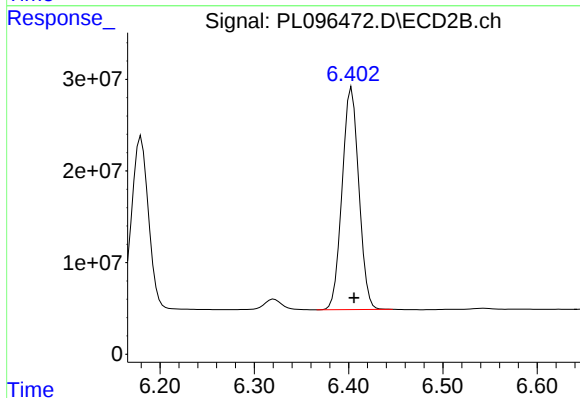
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 154409318
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

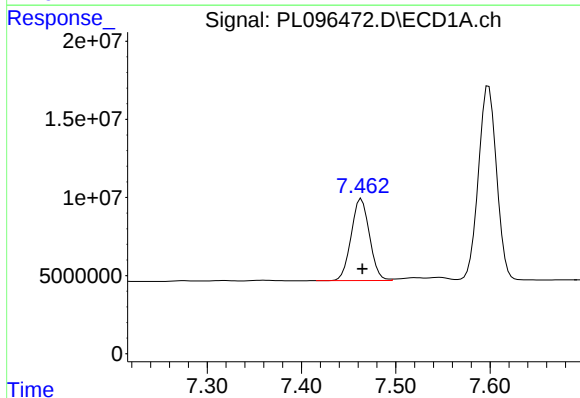
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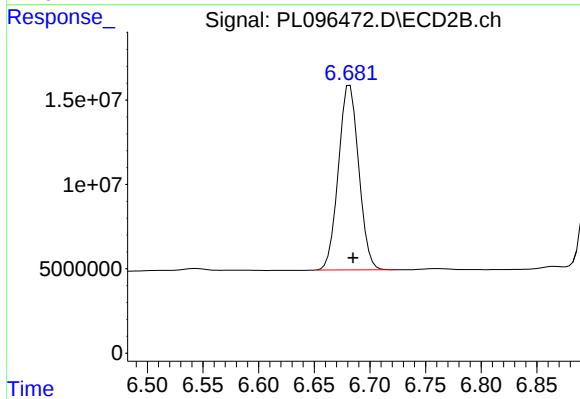
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 299207629
Conc: 53.20 ng/ml



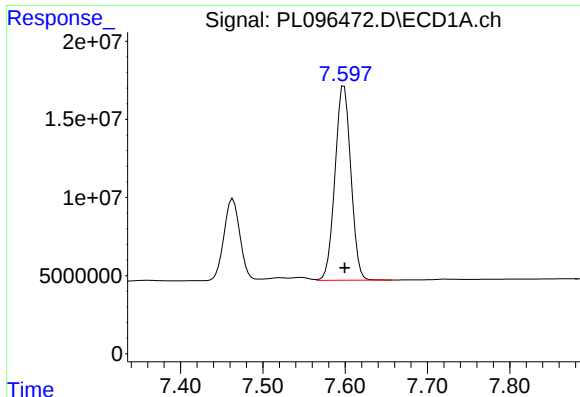
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: -0.001 min
Response: 70820228
Conc: 44.95 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 138990356
Conc: 45.75 ng/ml



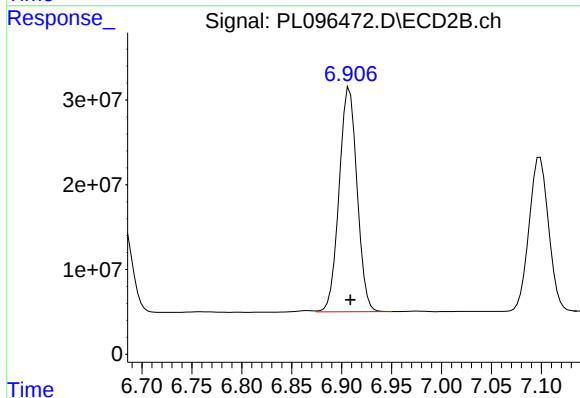
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 166433136
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

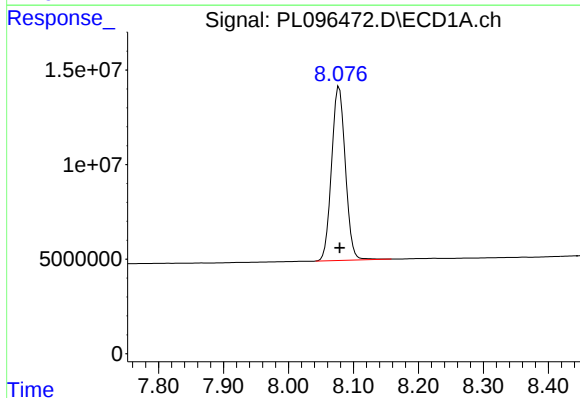
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



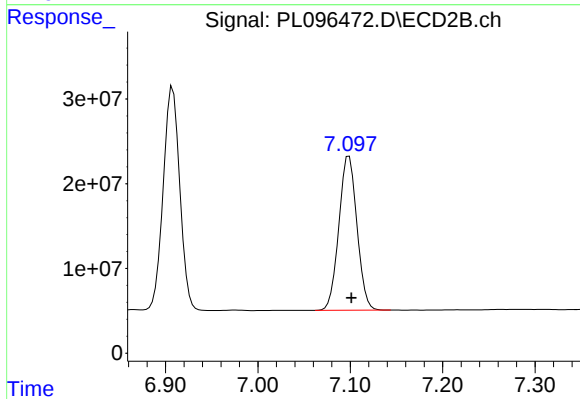
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: -0.001 min
Response: 331147058
Conc: 52.96 ng/ml



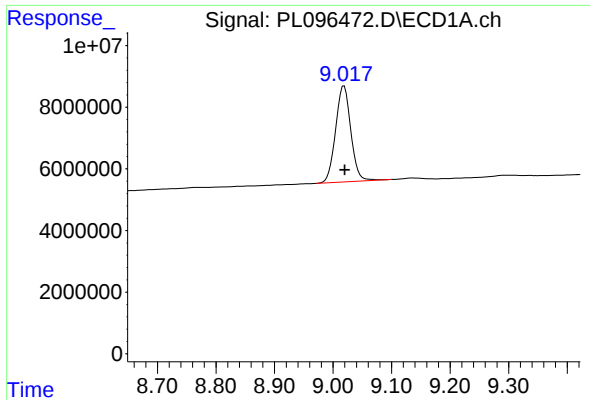
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 135153571
Conc: 48.58 ng/ml



#22 Mirex

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 247598656
Conc: 49.84 ng/ml



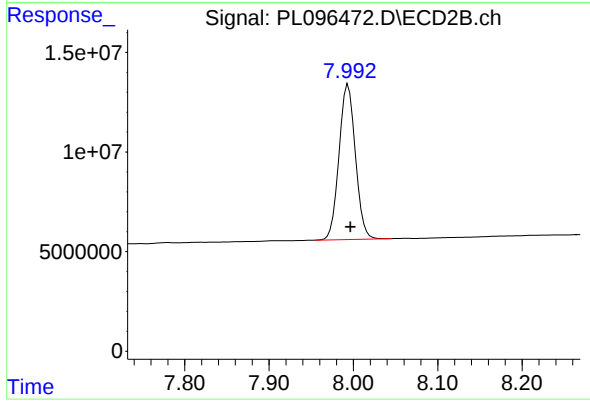
#28 Decachlorobiphenyl

R.T.: 9.019 min
Delta R.T.: -0.001 min
Response: 56494557
Conc: 20.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 105033803
Conc: 21.06 ng/ml