

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071425\
 Data File : PL096359.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 18:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025
 Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 02:21:26 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...	3.536	2.827	196.5E6	252.9E6	53.838	43.817
28)	SA Decachlor...	9.017	7.993	152.7E6	214.0E6	54.293	42.918
Target Compounds							
2)	A alpha-BHC	3.983	3.333	299.5E6	395.3E6	58.238	46.871
3)	MA gamma-BHC...	4.311	3.665	287.4E6	364.4E6	57.721	46.265
4)	MA Heptachlor	4.904	4.014	259.6E6	350.8E6	56.655	46.106
5)	MB Aldrin	5.244	4.297	274.3E6	343.7E6	56.755	47.104
6)	B beta-BHC	4.498	3.961	120.5E6	156.5E6	57.979	45.717
7)	B delta-BHC	4.743	4.194	267.0E6	356.5E6	59.583	46.284
8)	B Heptachlo...	5.662	4.799	245.2E6	308.6E6	59.102m	46.171
9)	A Endosulfan I	6.045	5.170	225.9E6	287.6E6	55.957	40.082 #
10)	B gamma-Chl...	5.917	5.051	251.0E6	325.7E6	56.736	46.405
11)	B alpha-Chl...	5.997	5.115	244.7E6	321.2E6	55.890	42.710
12)	B 4,4'-DDE	6.167	5.304	204.7E6	298.3E6	55.221	46.145
13)	MA Dieldrin	6.317	5.434	232.9E6	315.5E6	55.069	46.270m
14)	MA Endrin	6.543	5.709	169.6E6	262.1E6	54.545	42.985
15)	B Endosulfa...	6.756	6.001	194.9E6	262.4E6	56.175	44.751
16)	A 4,4'-DDD	6.676	5.857	174.3E6	249.8E6	59.878	48.700
17)	MA 4,4'-DDT	6.990	6.109	152.2E6	235.4E6	50.142	41.049
18)	B Endrin al...	6.883	6.179	134.9E6	194.8E6	60.333m	43.737 #
19)	B Endosulfa...	7.117	6.403	165.5E6	254.6E6	54.098	45.276
20)	A Methoxychlor	7.463	6.682	77773123	123.4E6	49.367	40.607
21)	B Endrin ke...	7.597	6.907	180.3E6	281.5E6	54.613	45.028
22)	Mirex	8.077	7.098	146.6E6	211.1E6	52.689	42.500

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071425\
Data File : PL096359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 18:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

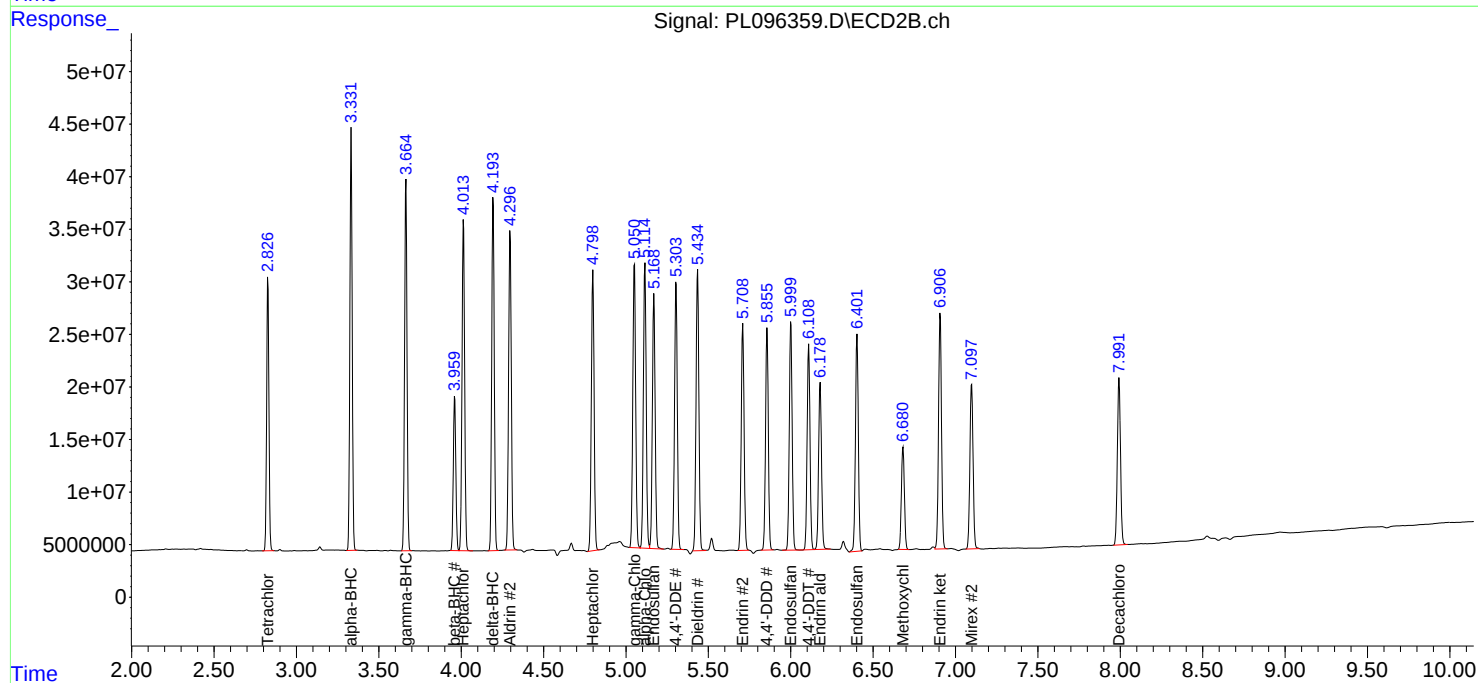
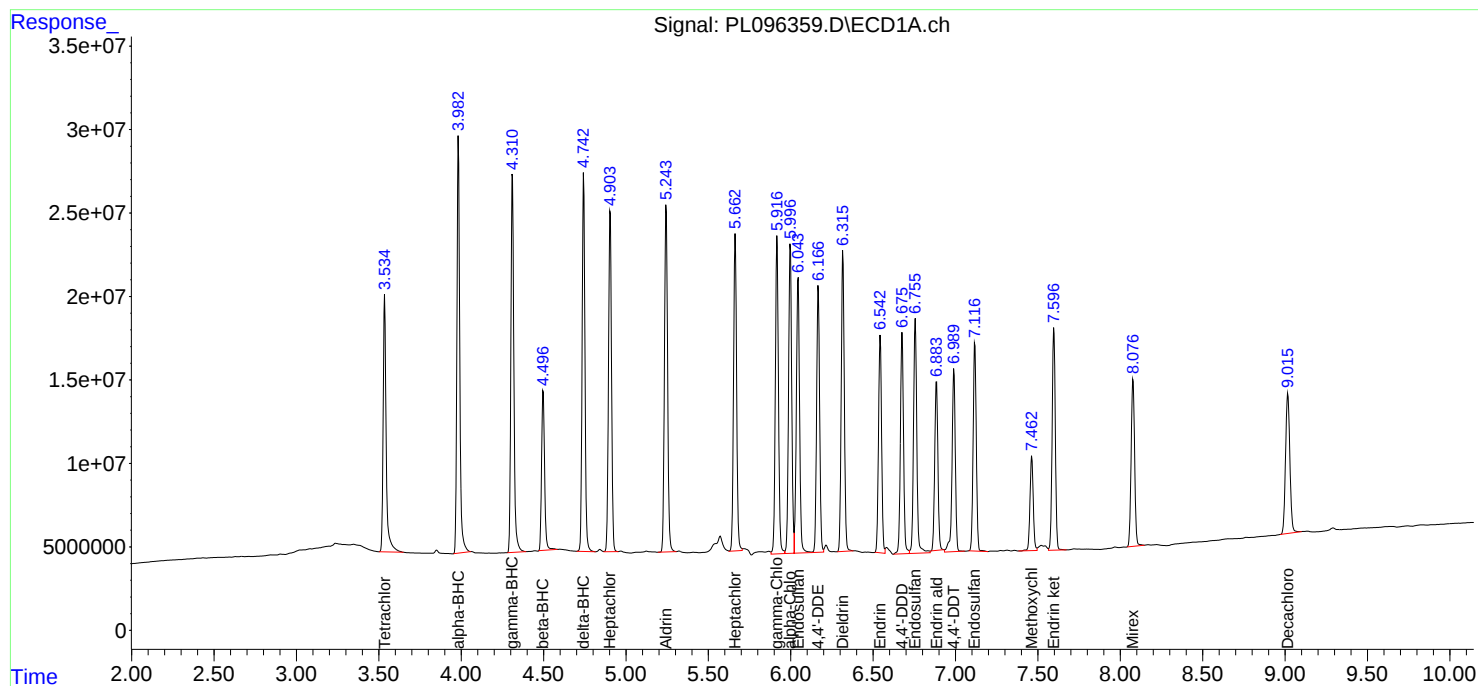
APPROVED

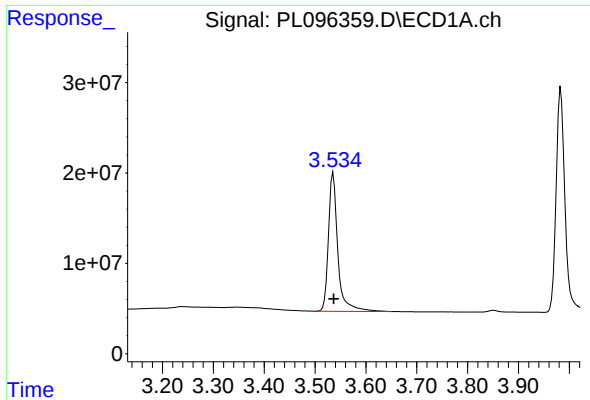
Reviewed By :Yogesh Patel 07/15/2025

Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 02:21:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
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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.: 3.536 min
Delta R.T.: -0.001 min
Response: 196452643
Conc: 53.84 ng/ml

Instrument :

ECD_L

ClientSampleId :

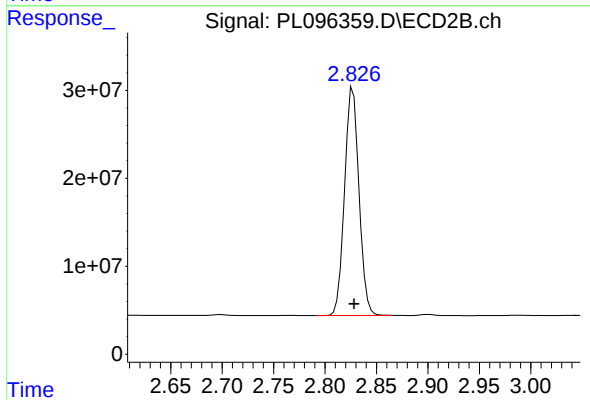
PSTDCCC050

Manual Integrations

APPROVED

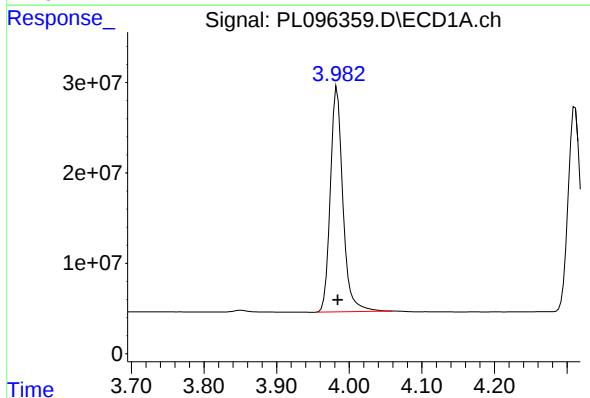
Reviewed By :Yogesh Patel 07/15/2025

Supervised By :mohammad ahmed 07/17/2025



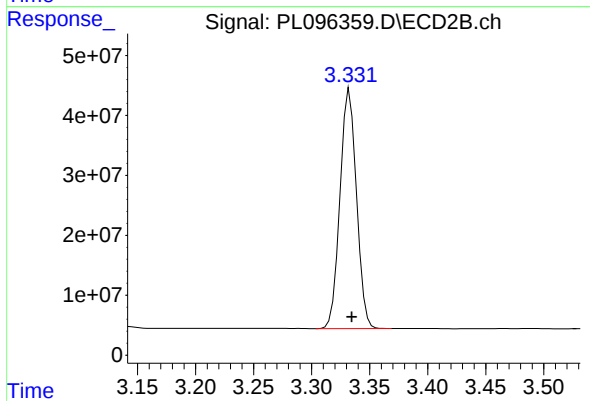
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 252875272
Conc: 43.82 ng/ml



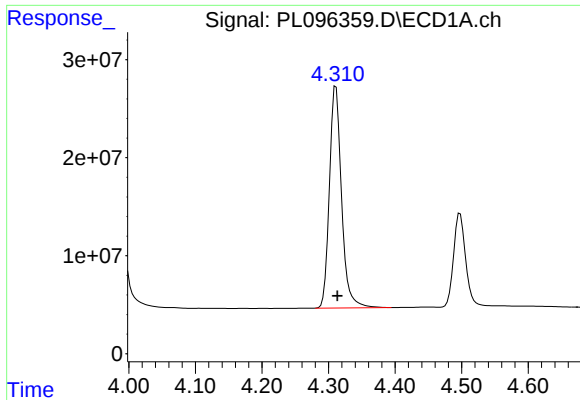
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 299526758
Conc: 58.24 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 395329298
Conc: 46.87 ng/ml



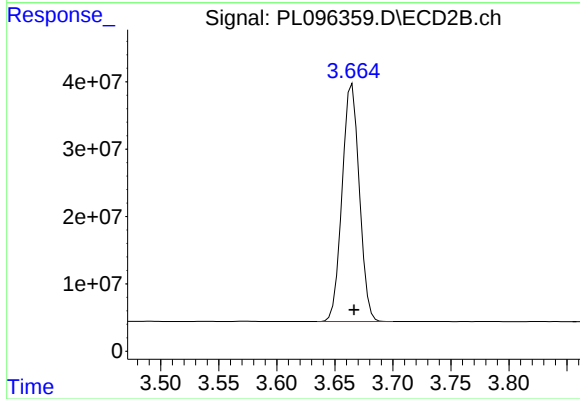
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 287430873
Conc: 57.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

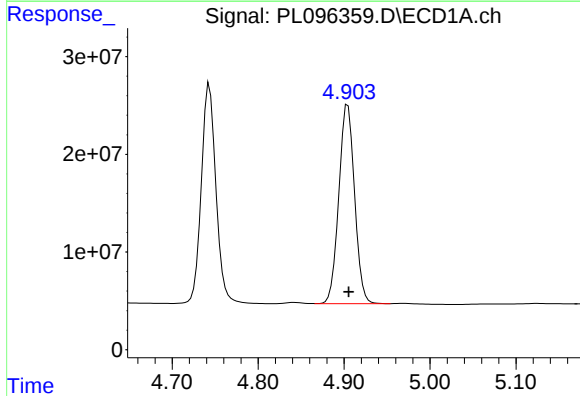
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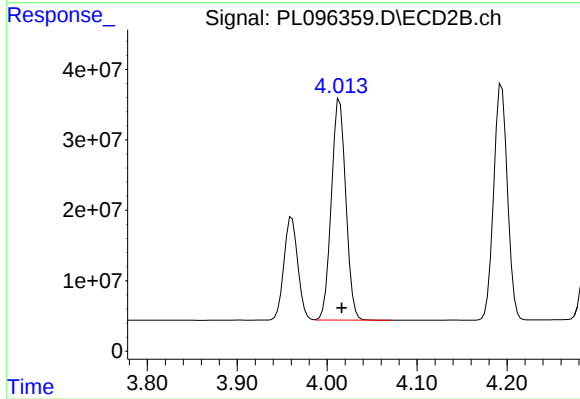
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 364375047
Conc: 46.26 ng/ml



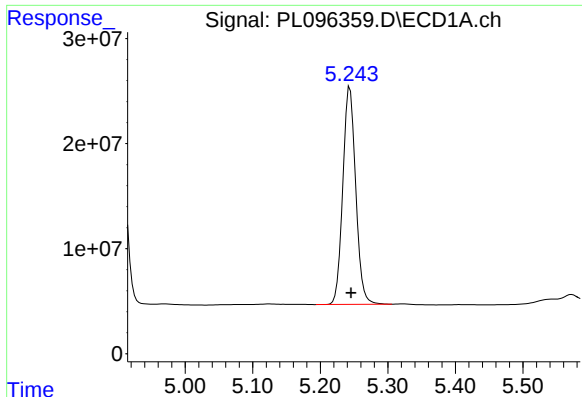
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 259550137
Conc: 56.66 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 350760614
Conc: 46.11 ng/ml



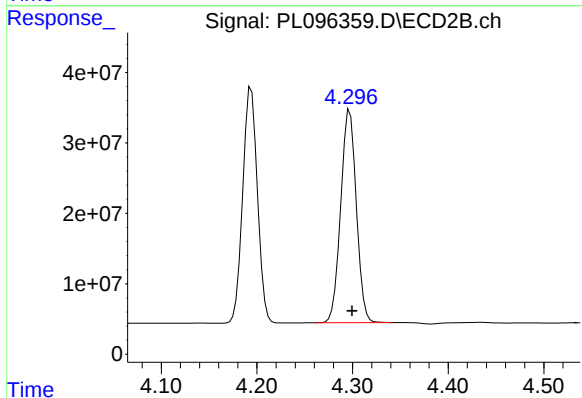
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 274338651
Conc: 56.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

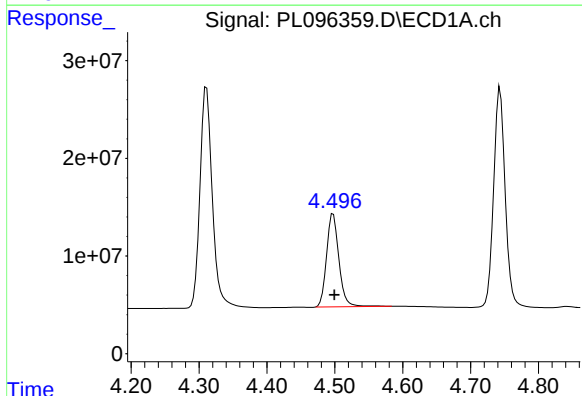
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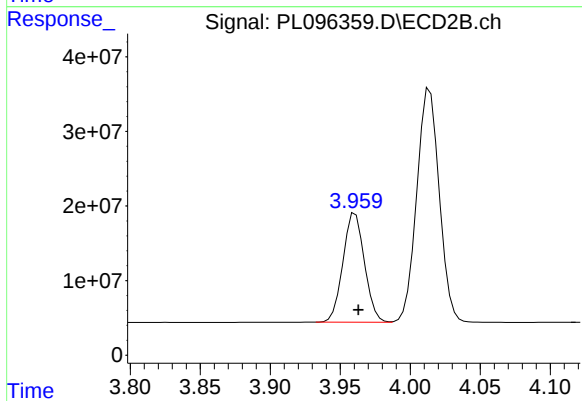
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 343654699
Conc: 47.10 ng/ml



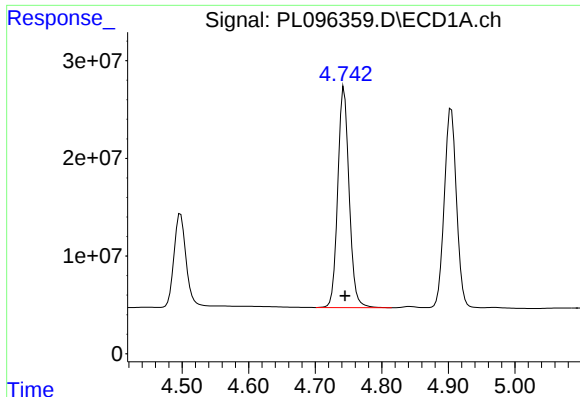
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 120526760
Conc: 57.98 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 156532350
Conc: 45.72 ng/ml



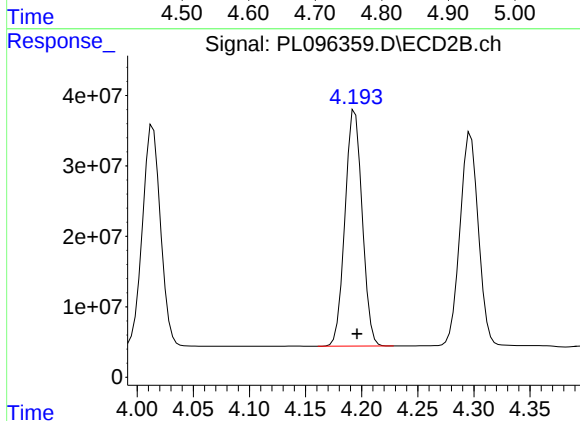
#7 delta-BHC

R.T.: 4.743 min
Delta R.T.: -0.001 min
Response: 267011626
Conc: 59.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

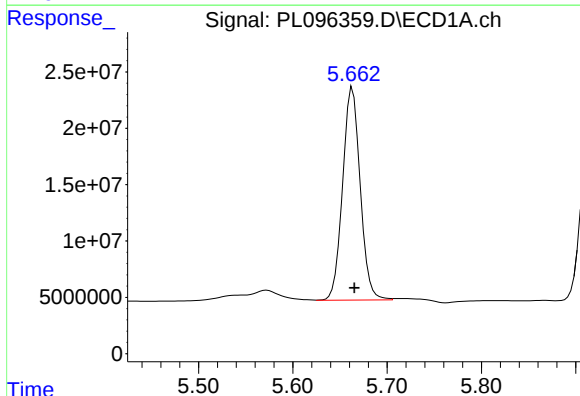
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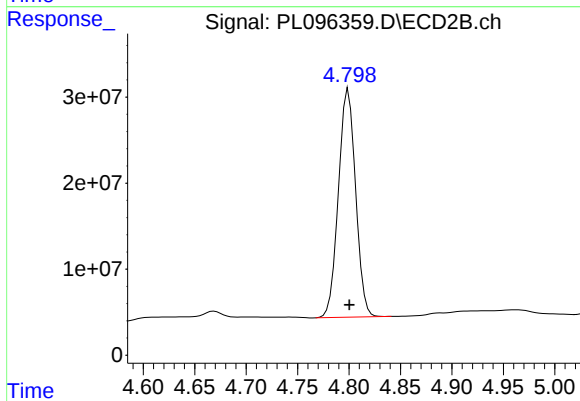
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 356477012
Conc: 46.28 ng/ml



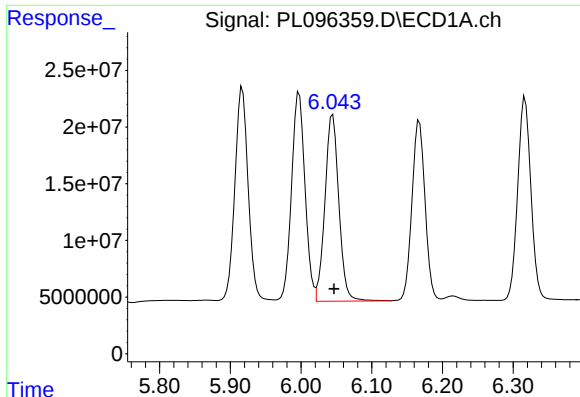
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 245223912
Conc: 59.10 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 308649300
Conc: 46.17 ng/ml



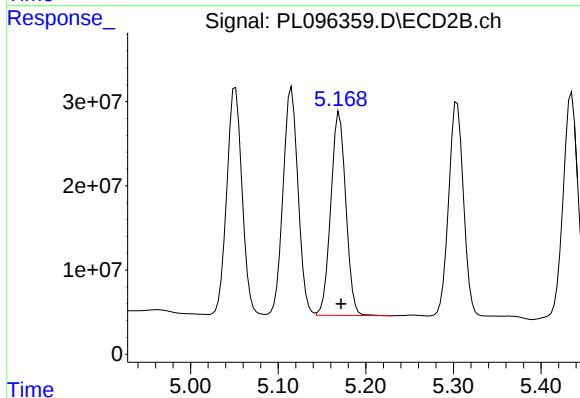
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 225912830
Conc: 55.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

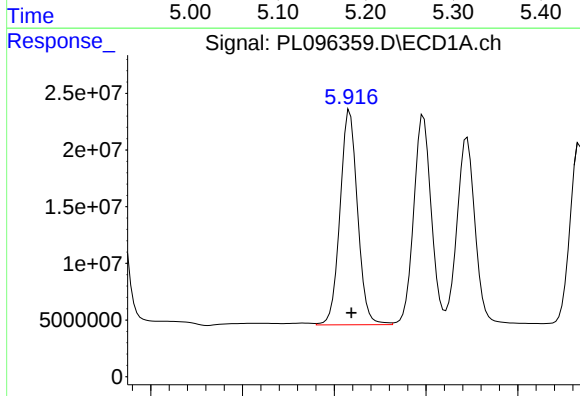
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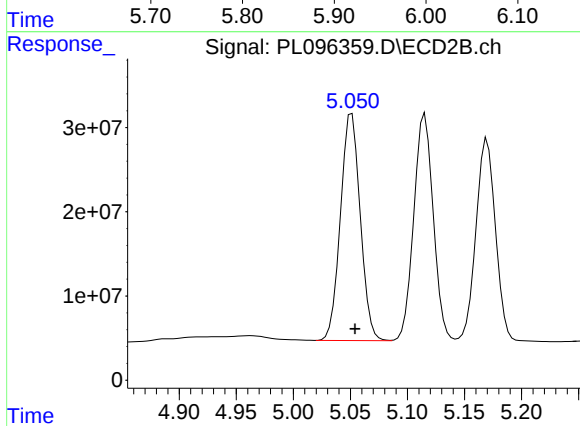
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 287556653
Conc: 40.08 ng/ml



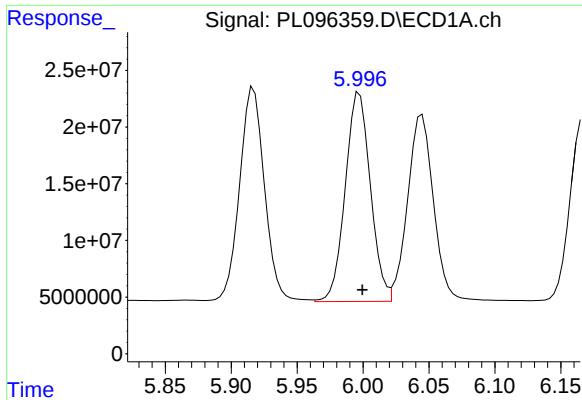
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 251045989
Conc: 56.74 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 325746329
Conc: 46.40 ng/ml



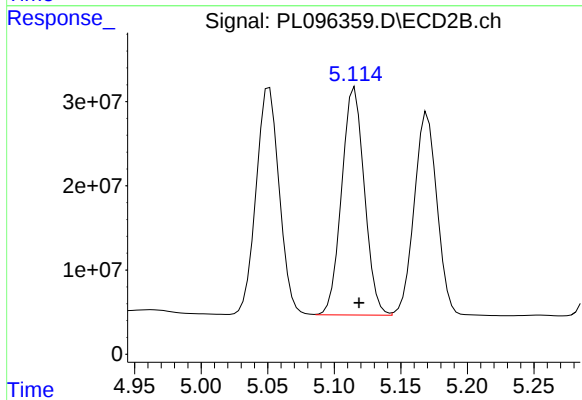
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 244733390
Conc: 55.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

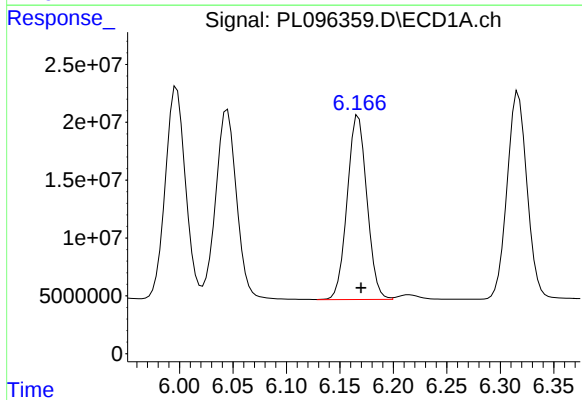
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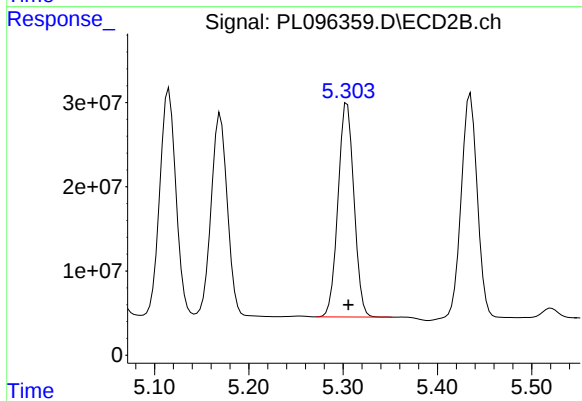
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 321190837
Conc: 42.71 ng/ml



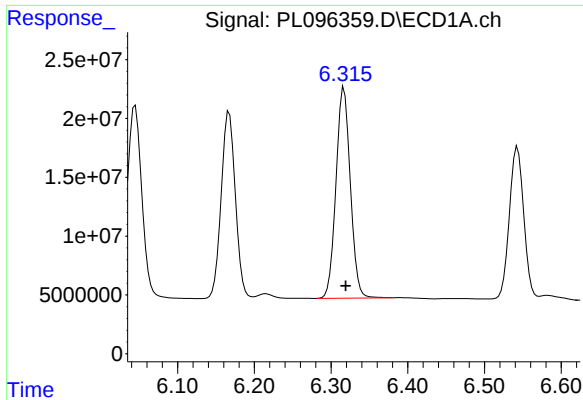
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 204731484
Conc: 55.22 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 298264565
Conc: 46.14 ng/ml



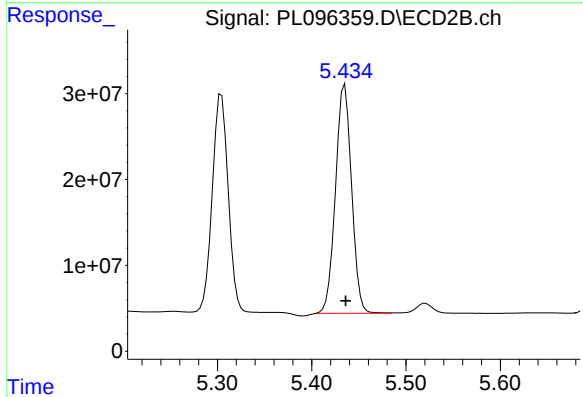
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 232853118
Conc: 55.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

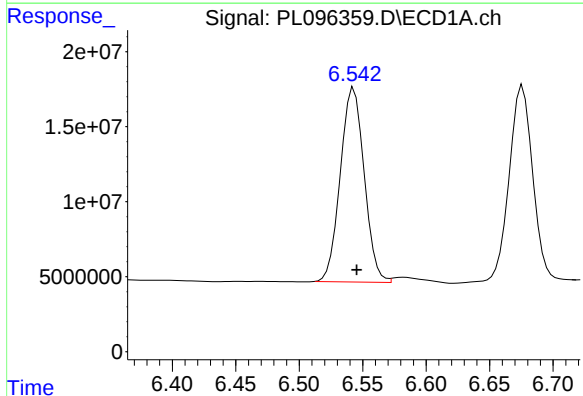
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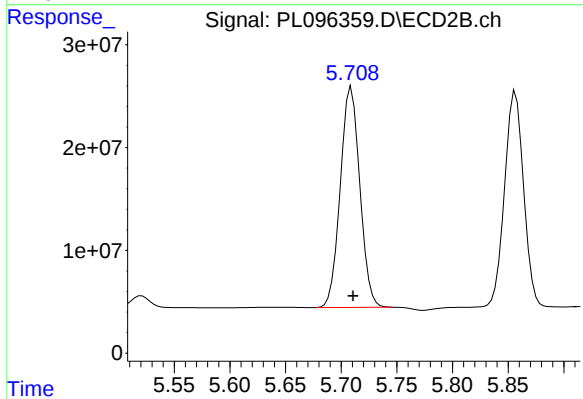
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 315524673
Conc: 46.27 ng/ml m



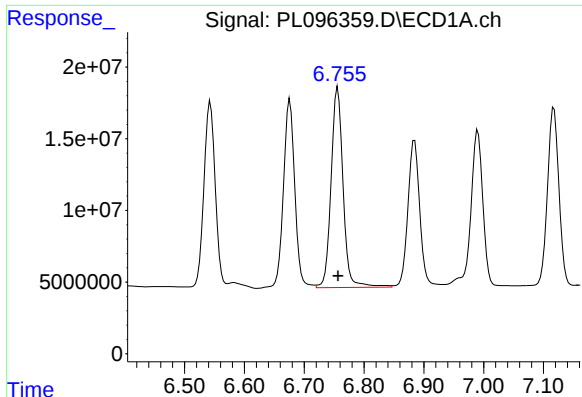
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 169645340
Conc: 54.54 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 262055511
Conc: 42.98 ng/ml



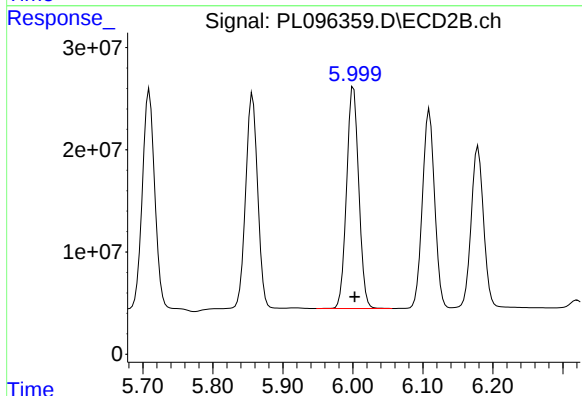
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 194930455
Conc: 56.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

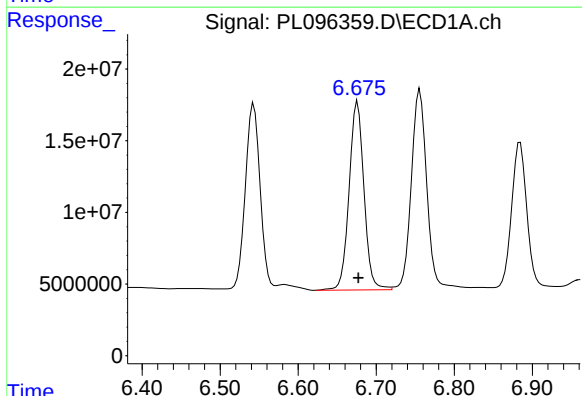
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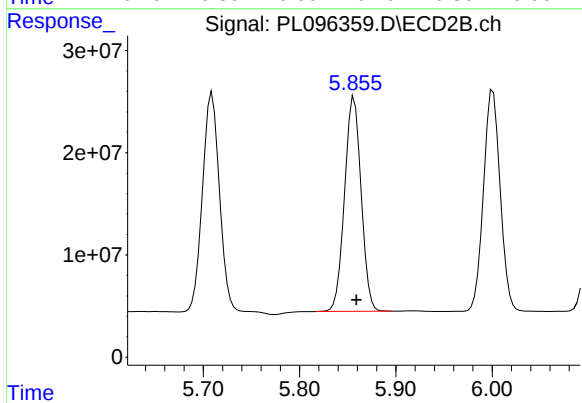
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 262412965
Conc: 44.75 ng/ml



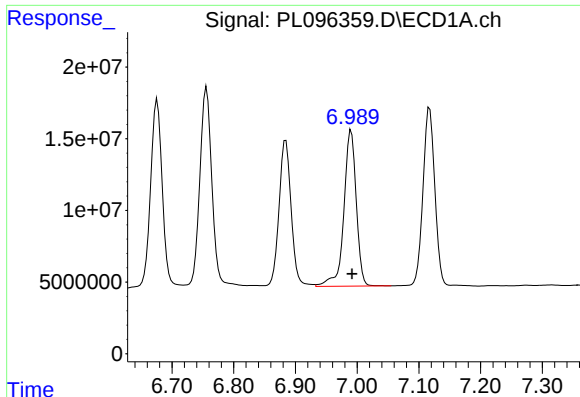
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 174345497
Conc: 59.88 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 249767922
Conc: 48.70 ng/ml



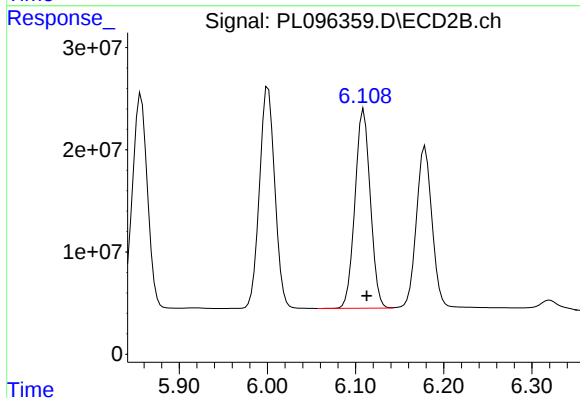
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 152191131
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

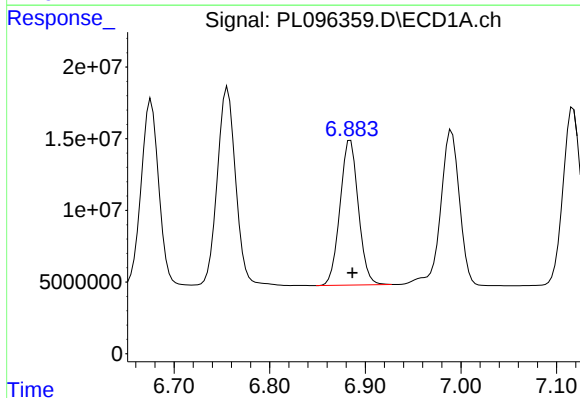
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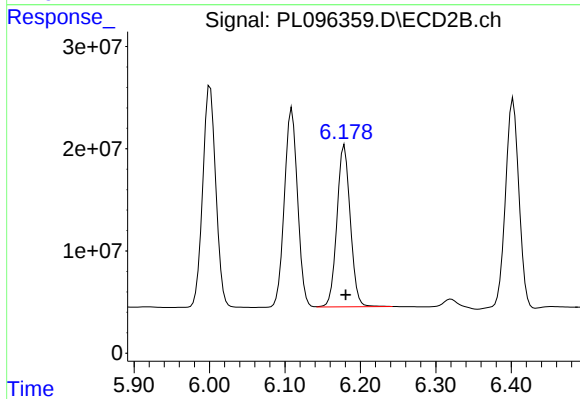
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 235423820
Conc: 41.05 ng/ml



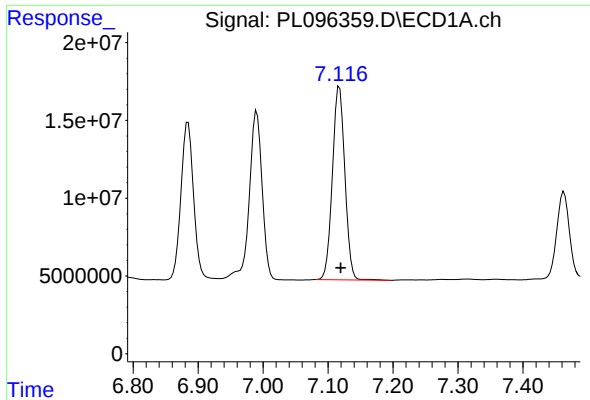
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: -0.003 min
Response: 134878818
Conc: 60.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 194832384
Conc: 43.74 ng/ml



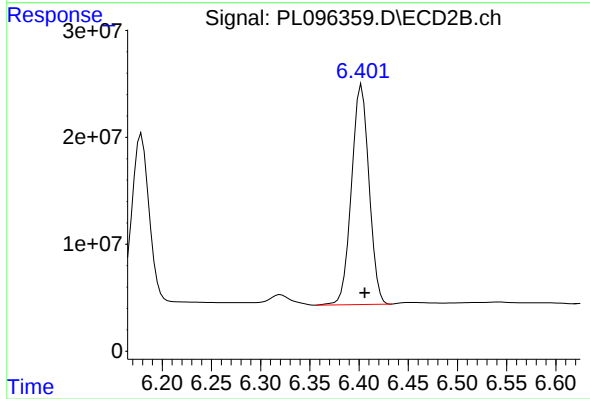
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: -0.002 min
Response: 165476507
Conc: 54.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

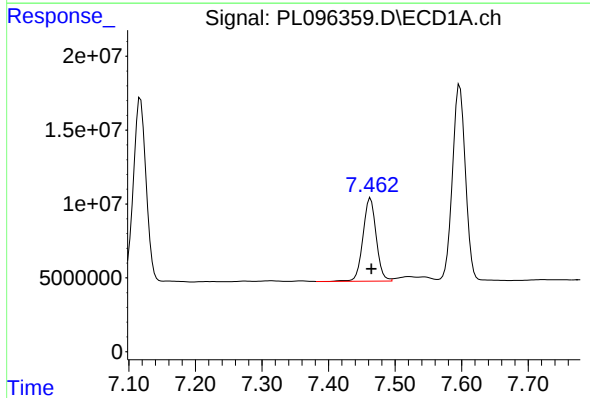
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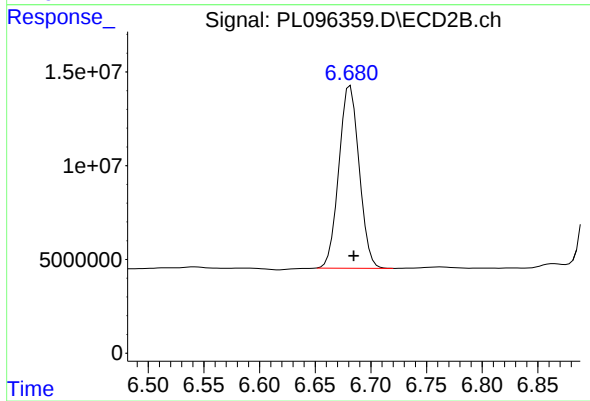
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 254649240
Conc: 45.28 ng/ml



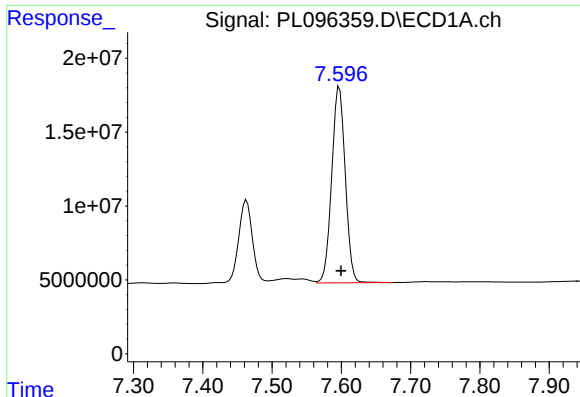
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 77773123
Conc: 49.37 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 123354046
Conc: 40.61 ng/ml



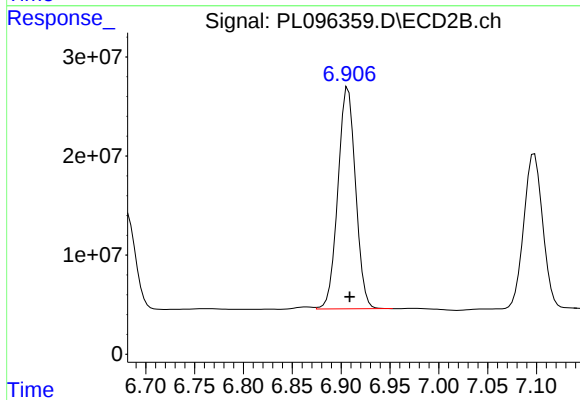
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 180312884
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

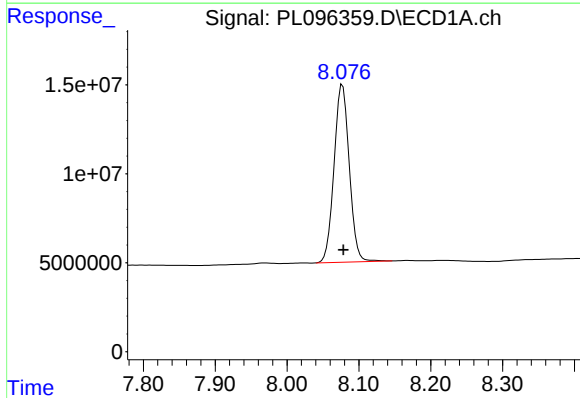
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2025
Supervised By :mohammad ahmed 07/17/2025



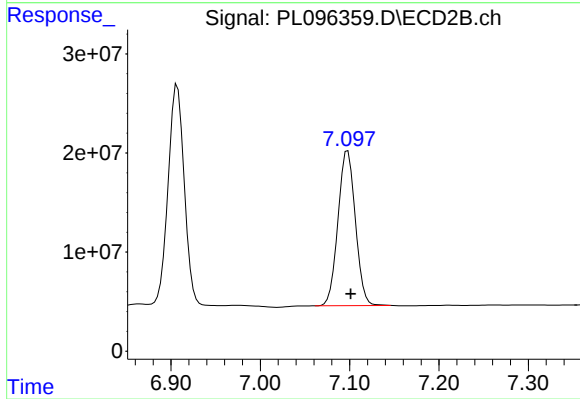
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 281524593
Conc: 45.03 ng/ml



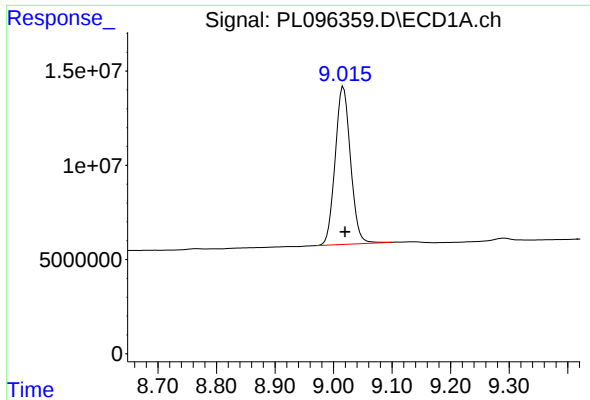
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.001 min
Response: 146592291
Conc: 52.69 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 211148559
Conc: 42.50 ng/ml



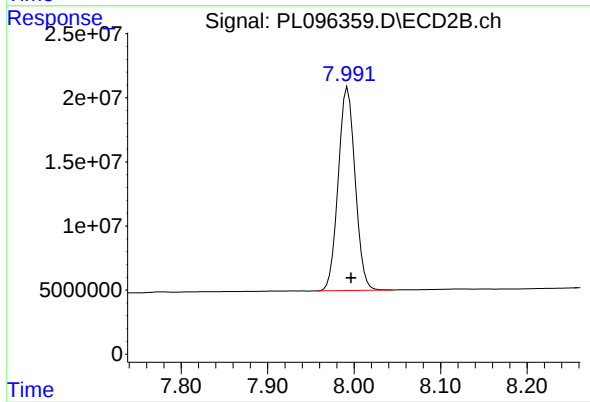
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 152730954
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2025
Supervised By :mohammad ahmed 07/17/2025



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 214009286
Conc: 42.92 ng/ml