

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080525\
 Data File : PL096712.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2025 16:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/06/2025
 Supervised By : mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 01:53:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.533	2.827	172.0E6	278.8E6	54.067	58.364
28)	SA Decachlor...	9.011	7.989	123.7E6	234.5E6	51.871	54.050
Target Compounds							
2)	A alpha-BHC	3.981	3.332	251.1E6	420.1E6	54.286	59.359
3)	MA gamma-BHC...	4.308	3.664	237.9E6	390.1E6	53.779	59.081
4)	MA Heptachlor	4.900	4.013	230.4E6	387.7E6	55.443	58.202
5)	MB Aldrin	5.239	4.296	227.4E6	362.2E6	52.879	58.359
6)	B beta-BHC	4.495	3.961	100.1E6	164.8E6	55.479	58.420
7)	B delta-BHC	4.739	4.194	222.5E6	381.6E6	55.770m	58.944
8)	B Heptachlo...	5.659	4.797	208.6E6	328.8E6	54.084	57.573
9)	A Endosulfan I	6.041	5.168	188.1E6	299.7E6	52.308	54.180
10)	B gamma-Chl...	5.912	5.049	206.6E6	340.5E6	54.291	57.914
11)	B alpha-Chl...	5.993	5.114	203.7E6	332.8E6	52.858	56.419
12)	B 4,4'-DDE	6.163	5.302	170.6E6	314.5E6	53.141	57.024
13)	MA Dieldrin	6.313	5.433	195.0E6	342.9E6	52.534	58.062
14)	MA Endrin	6.539	5.706	160.7E6	324.2E6	53.094	59.969m
15)	B Endosulfa...	6.752	5.999	163.6E6	287.5E6	51.087	55.977
16)	A 4,4'-DDD	6.672	5.854	134.4E6	258.0E6	53.157	54.832
17)	MA 4,4'-DDT	6.986	6.107	149.0E6	282.7E6	51.943	55.885
18)	B Endrin al...	6.880	6.177	118.4E6	216.7E6	55.175	58.936
19)	B Endosulfa...	7.114	6.400	146.8E6	286.9E6	51.101	56.416
20)	A Methoxychlor	7.458	6.678	75890607	151.6E6	51.684	55.324
21)	B Endrin ke...	7.593	6.904	153.2E6	301.6E6	50.946	54.154
22)	Mirex	8.072	7.094	125.5E6	236.3E6	50.614	54.197

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080525\
Data File : PL096712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 16:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

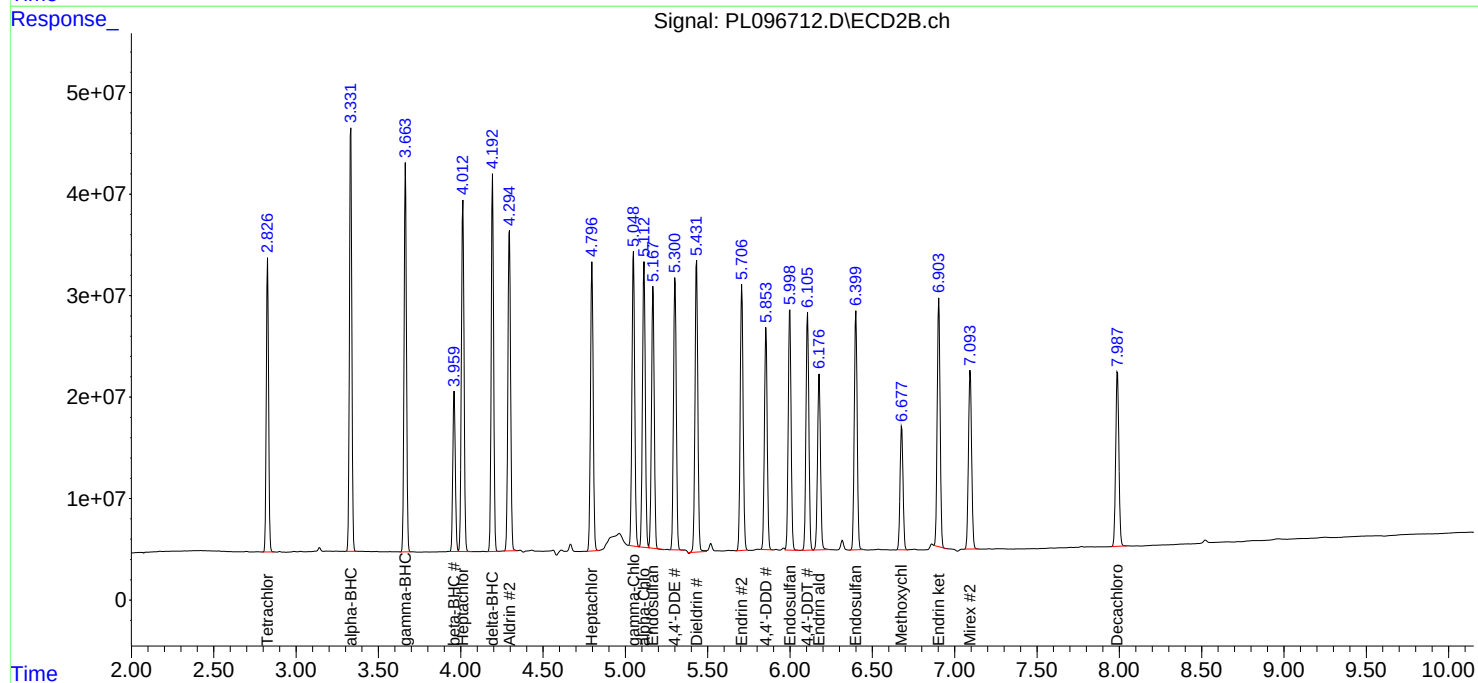
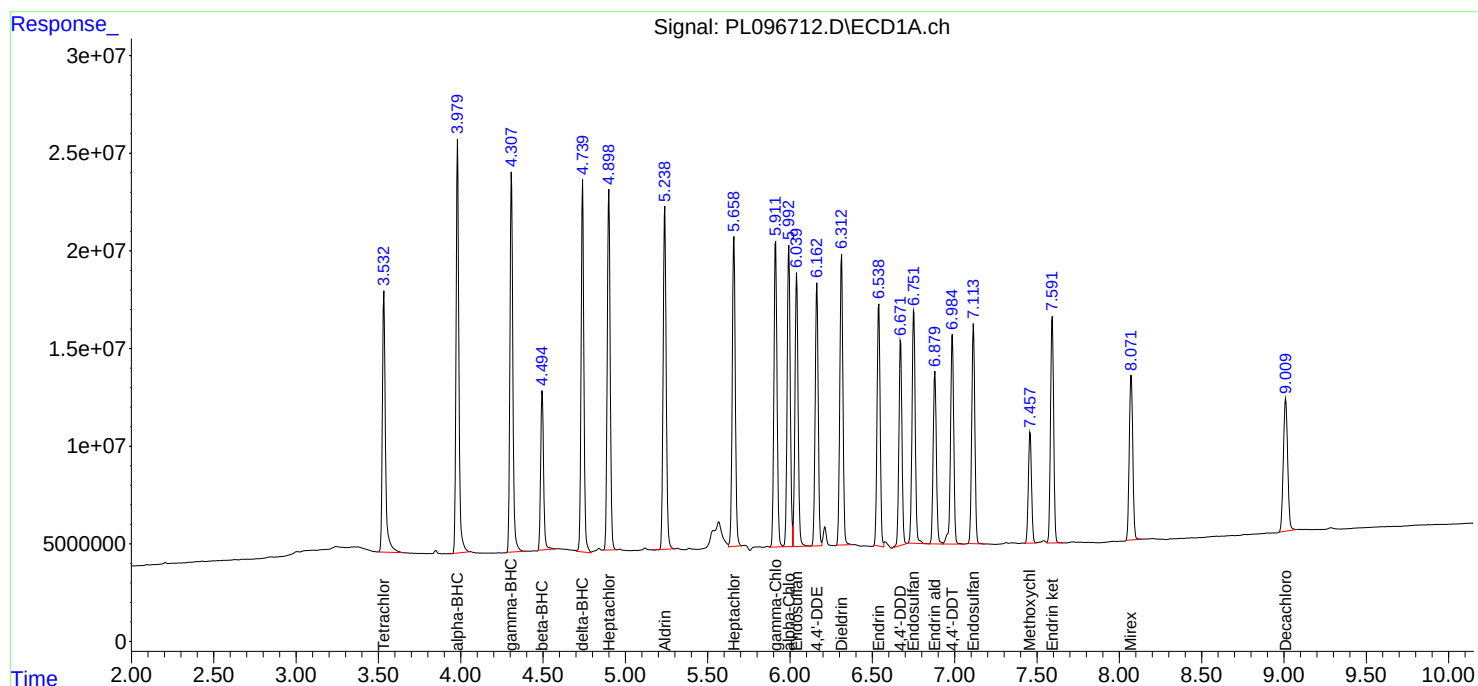
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

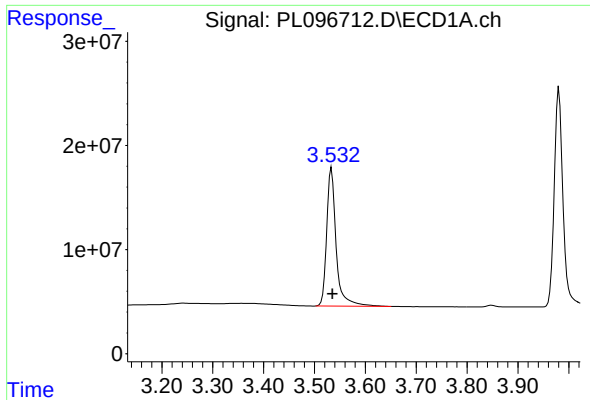
Manual Integrations
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Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 01:53:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





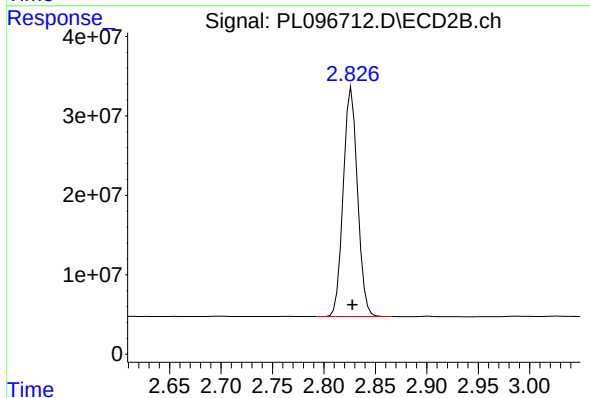
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.002 min
Response: 171975793
Conc: 54.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

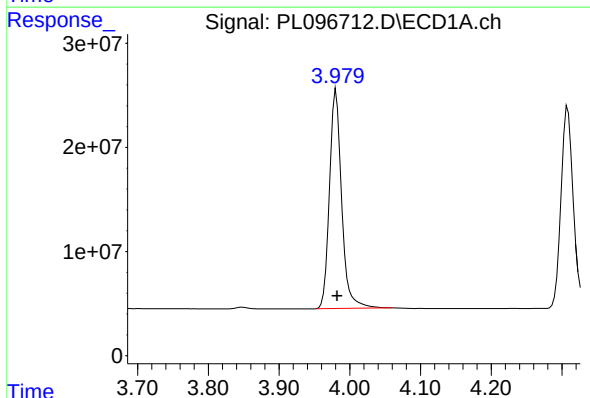
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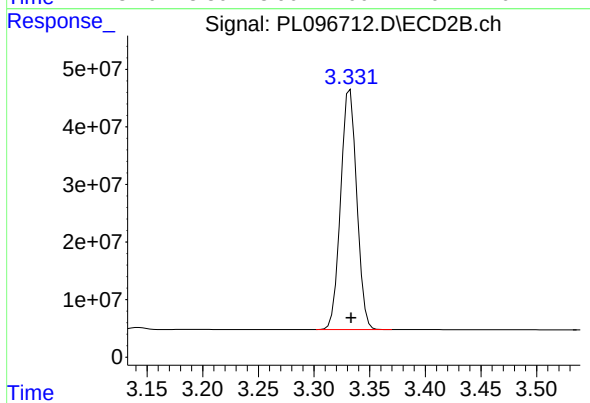
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 278849306
Conc: 58.36 ng/ml



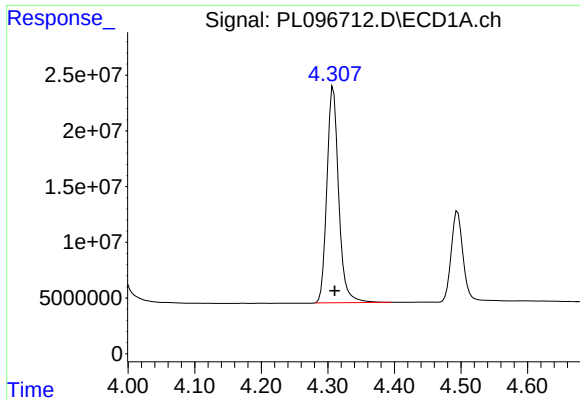
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 251147142
Conc: 54.29 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 420086598
Conc: 59.36 ng/ml



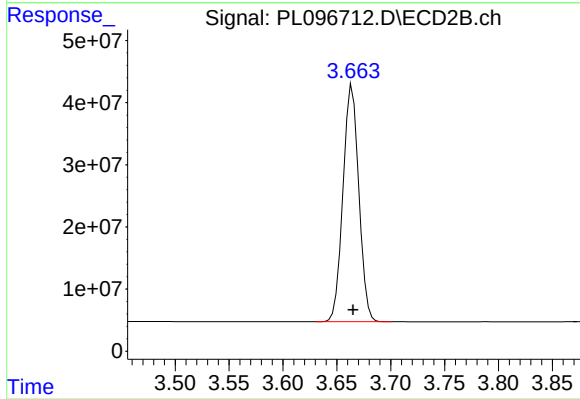
#3 gamma-BHC (Lindane)

R.T.: 4.308 min
Delta R.T.: -0.002 min
Response: 237887968
Conc: 53.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

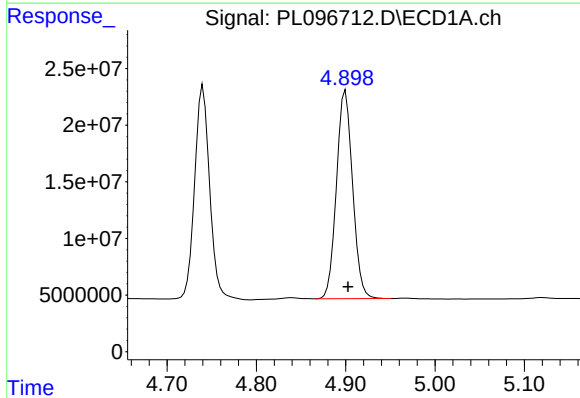
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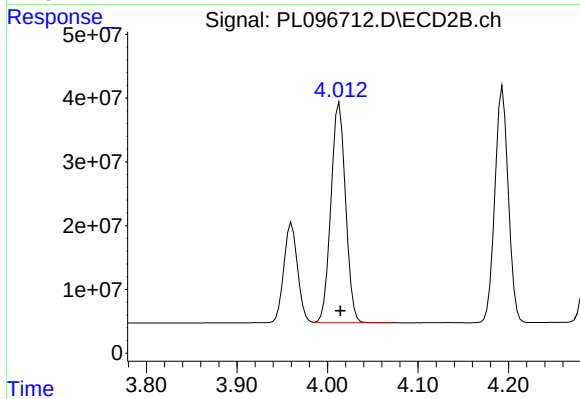
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 390131415
Conc: 59.08 ng/ml



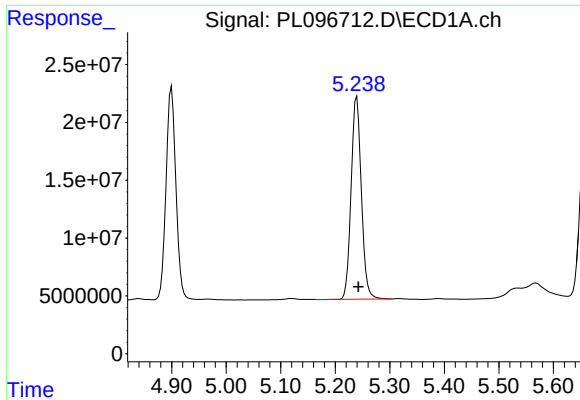
#4 Heptachlor

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 230402688
Conc: 55.44 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 387736999
Conc: 58.20 ng/ml



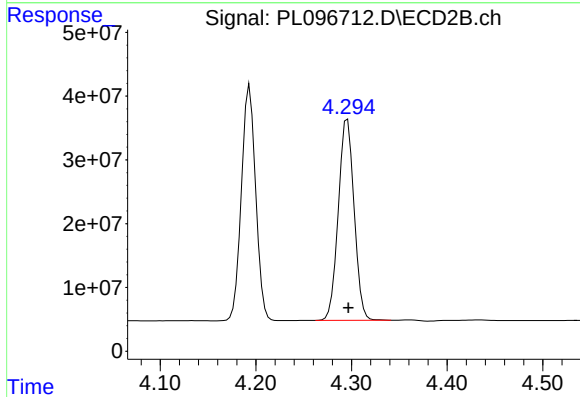
#5 Aldrin

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 227434227
Conc: 52.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

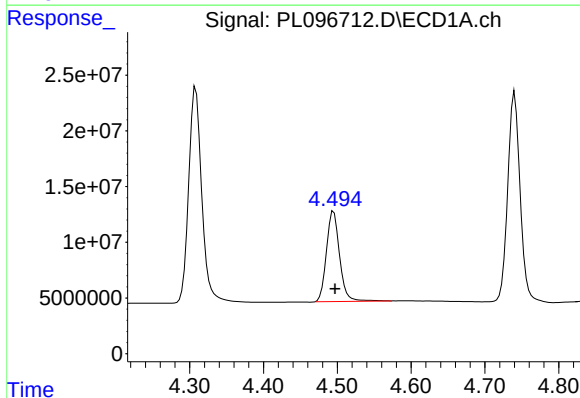
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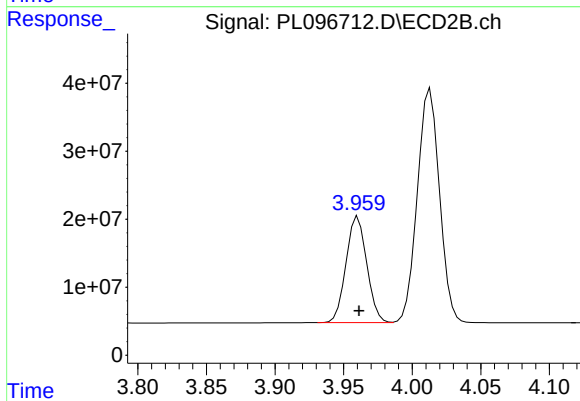
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.001 min
Response: 362237210
Conc: 58.36 ng/ml



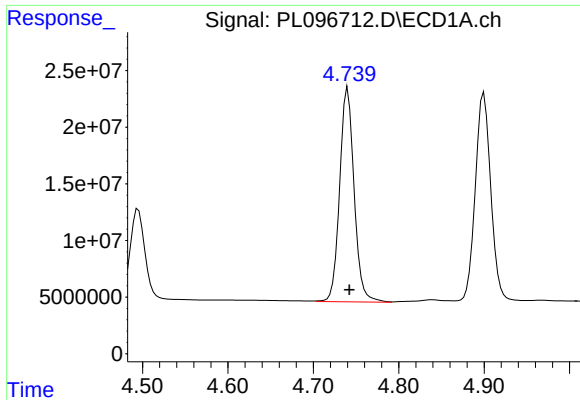
#6 beta-BHC

R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 100138028
Conc: 55.48 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 164797998
Conc: 58.42 ng/ml



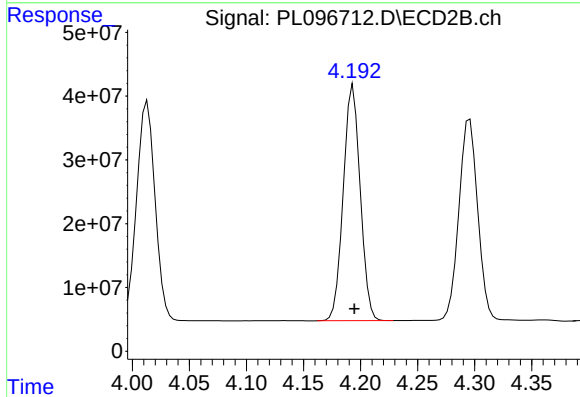
#7 delta-BHC

R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 222516041
Conc: 55.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

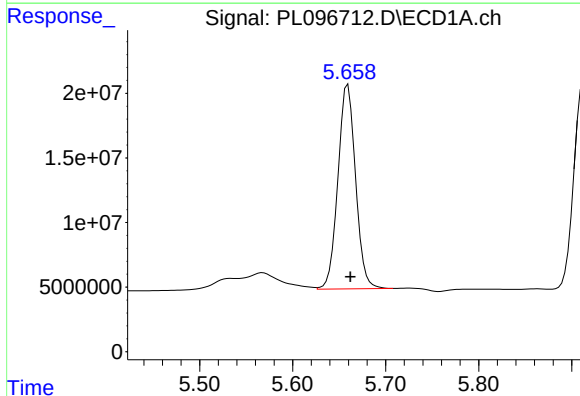
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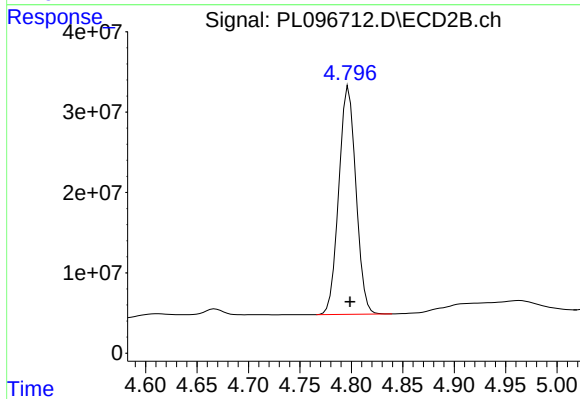
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 381580325
Conc: 58.94 ng/ml



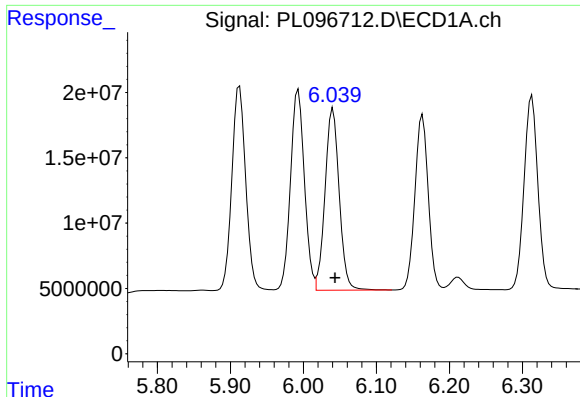
#8 Heptachlor epoxide

R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 208577520
Conc: 54.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 328820437
Conc: 57.57 ng/ml



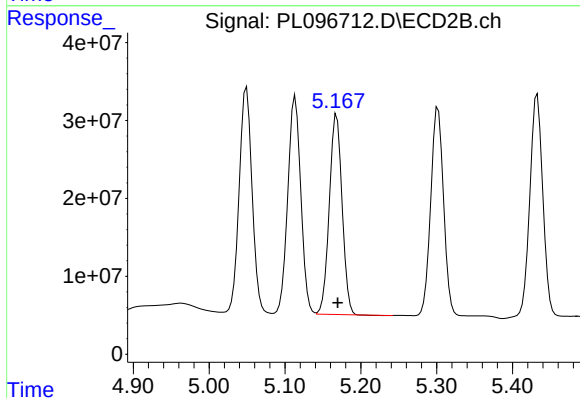
#9 Endosulfan I

R.T.: 6.041 min
Delta R.T.: -0.003 min
Response: 188117622
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

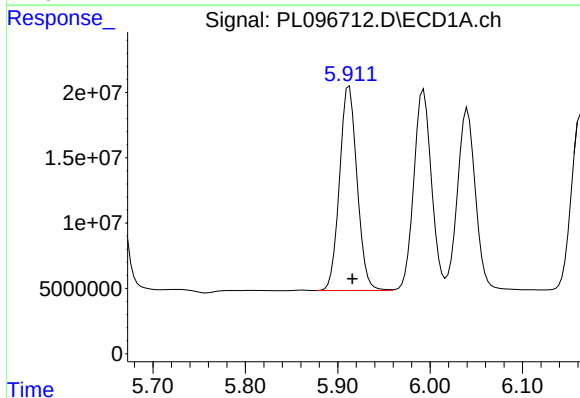
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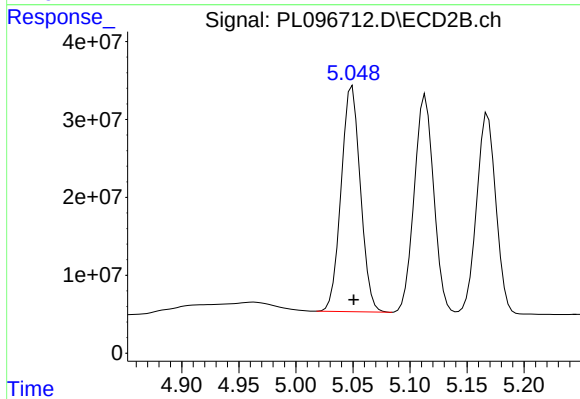
#9 Endosulfan I

R.T.: 5.168 min
Delta R.T.: -0.001 min
Response: 299691882
Conc: 54.18 ng/ml



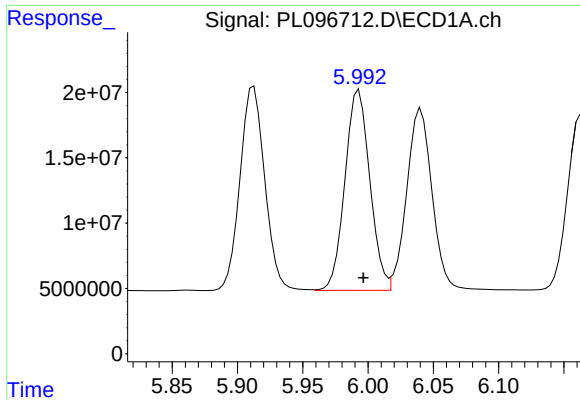
#10 gamma-Chlordane

R.T.: 5.912 min
Delta R.T.: -0.003 min
Response: 206589008
Conc: 54.29 ng/ml



#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.001 min
Response: 340541076
Conc: 57.91 ng/ml



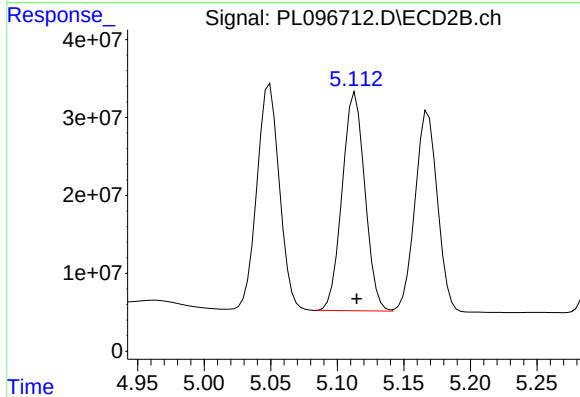
#11 alpha-Chlordane

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 203747527
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

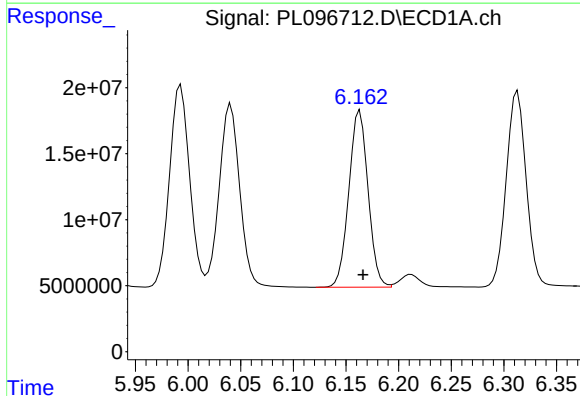
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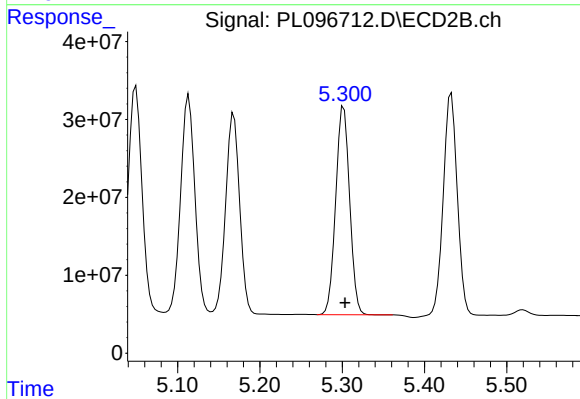
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 332812546
Conc: 56.42 ng/ml



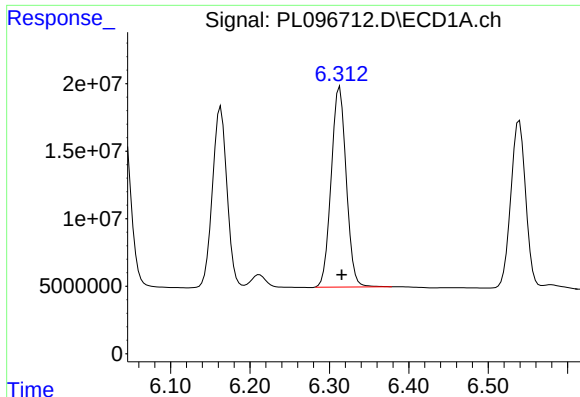
#12 4,4'-DDE

R.T.: 6.163 min
Delta R.T.: -0.003 min
Response: 170648421
Conc: 53.14 ng/ml



#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.002 min
Response: 314456286
Conc: 57.02 ng/ml



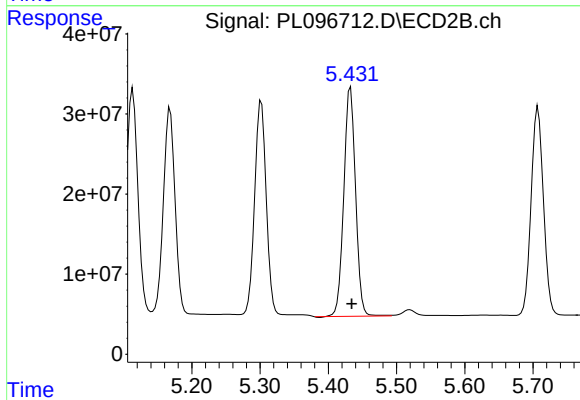
#13 Dieldrin

R.T.: 6.313 min
Delta R.T.: -0.003 min
Response: 194961137
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

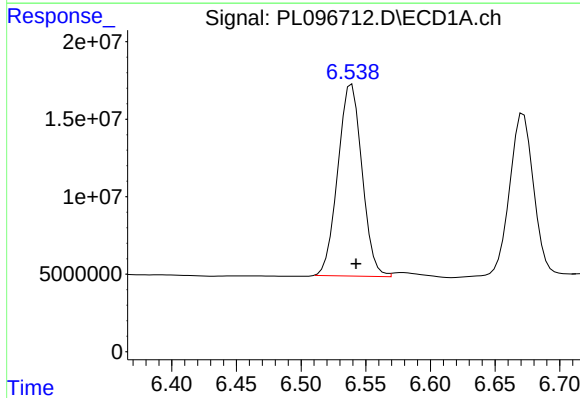
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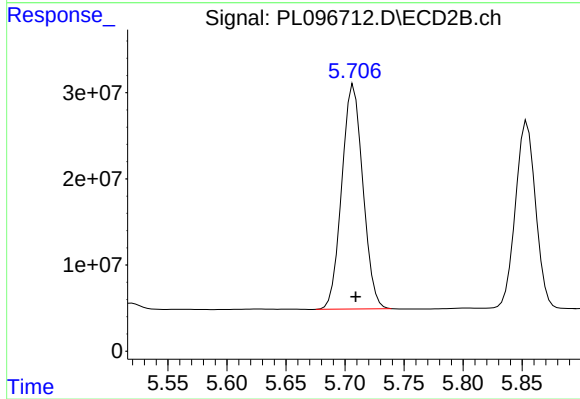
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 342947967
Conc: 58.06 ng/ml



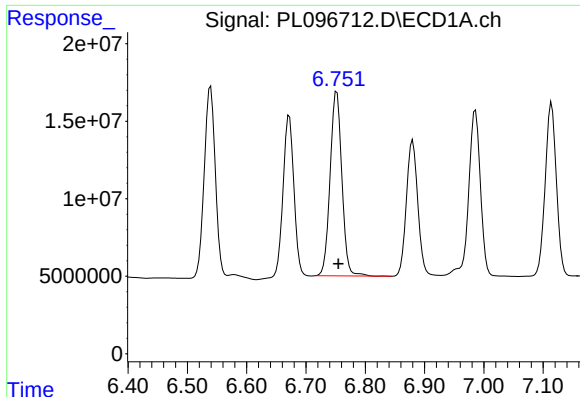
#14 Endrin

R.T.: 6.539 min
Delta R.T.: -0.003 min
Response: 160705770
Conc: 53.09 ng/ml



#14 Endrin

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 324192517
Conc: 59.97 ng/ml m



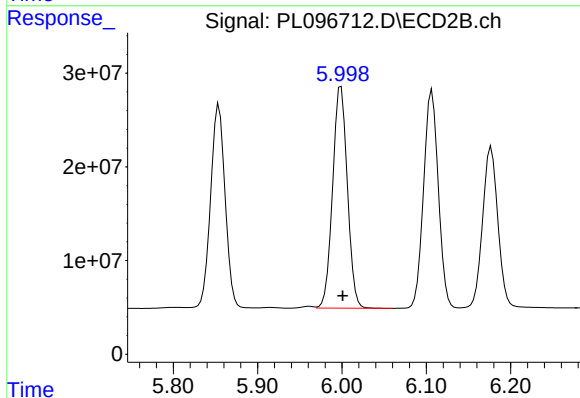
#15 Endosulfan II

R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 163613564
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

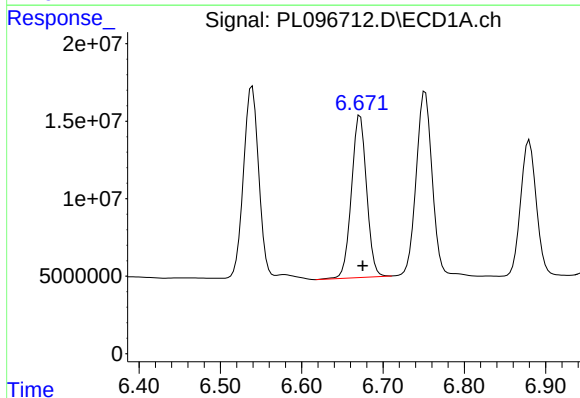
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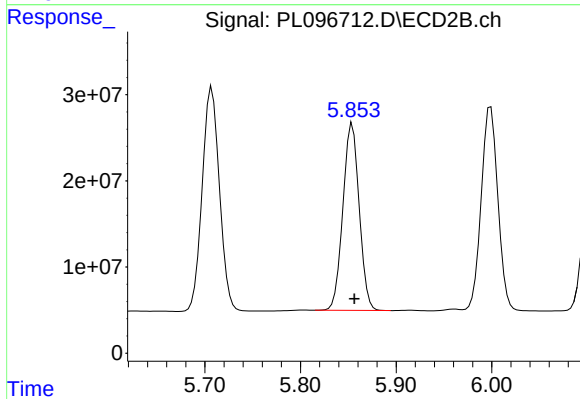
#15 Endosulfan II

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 287511908
Conc: 55.98 ng/ml



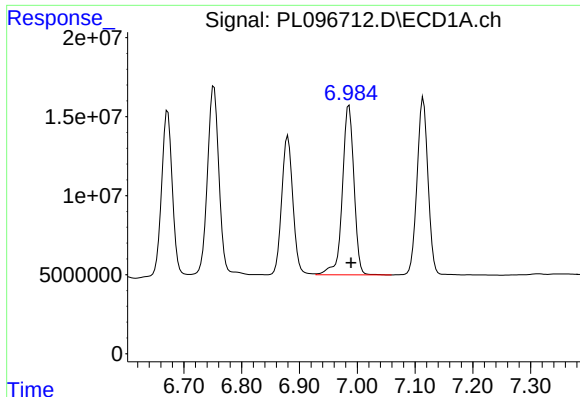
#16 4,4'-DDD

R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 134400924
Conc: 53.16 ng/ml



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 258001009
Conc: 54.83 ng/ml



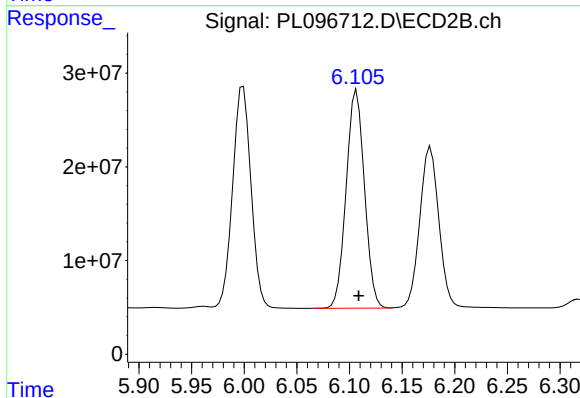
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 148956320
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

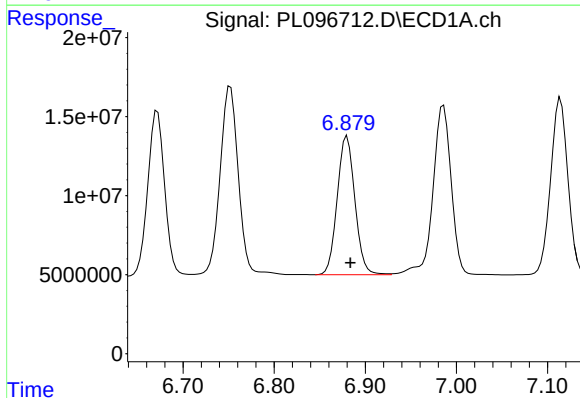
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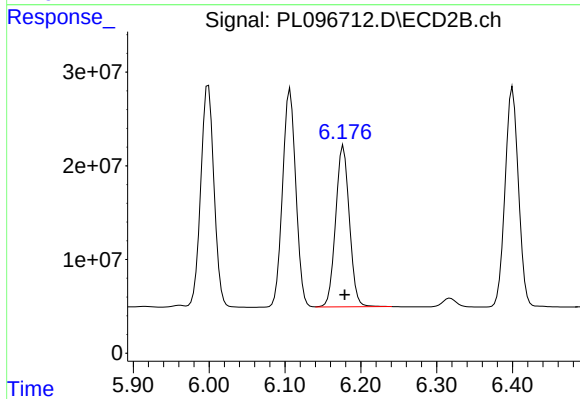
#17 4,4'-DDT

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 282680898
Conc: 55.88 ng/ml



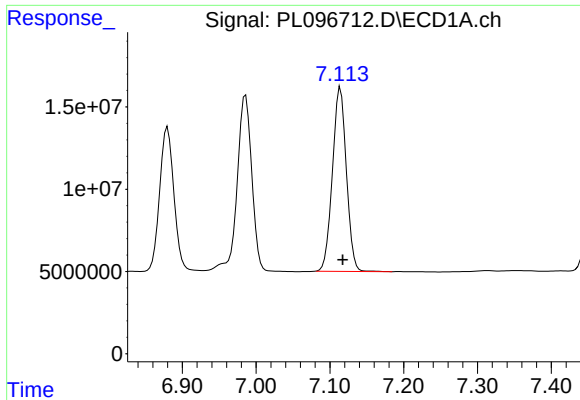
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 118400270
Conc: 55.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 216675737
Conc: 58.94 ng/ml



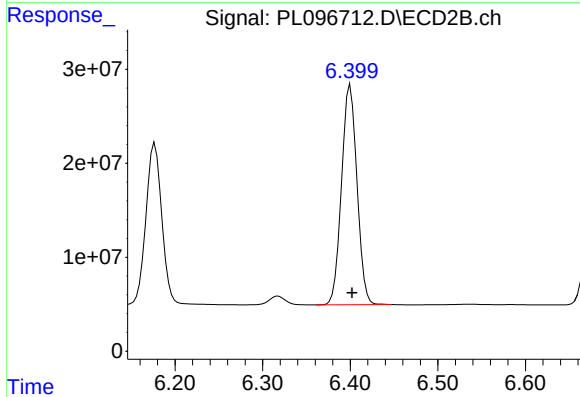
#19 Endosulfan Sulfate

R.T.: 7.114 min
Delta R.T.: -0.003 min
Response: 146849610
Conc: 51.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

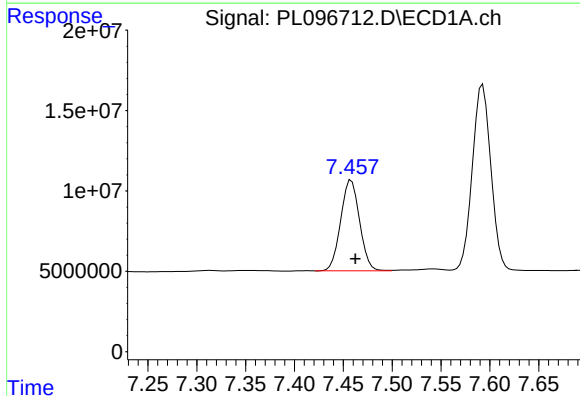
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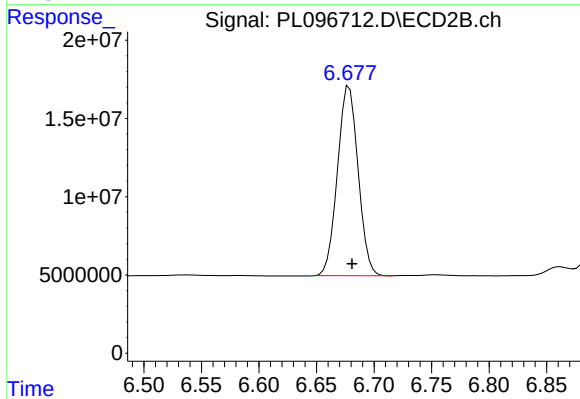
#19 Endosulfan Sulfate

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 286945189
Conc: 56.42 ng/ml



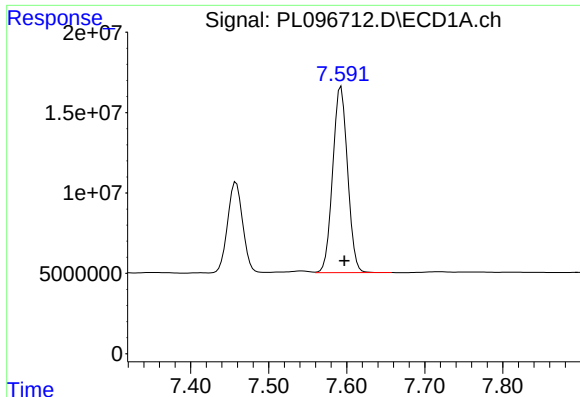
#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 75890607
Conc: 51.68 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 151614669
Conc: 55.32 ng/ml



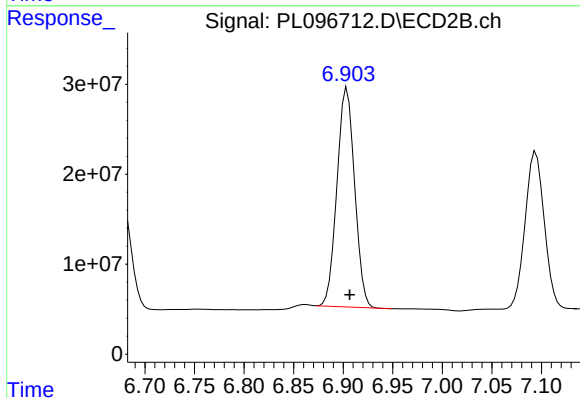
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: -0.004 min
Response: 153180214
Conc: 50.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

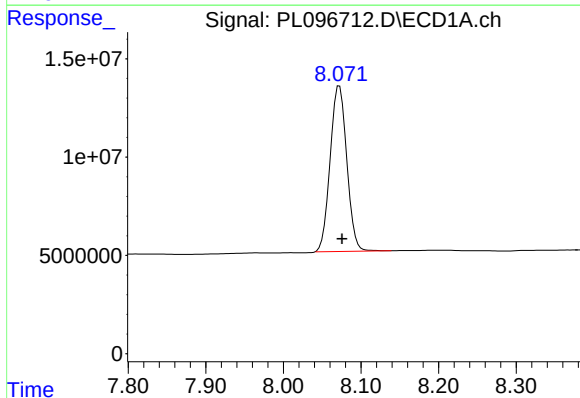
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APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



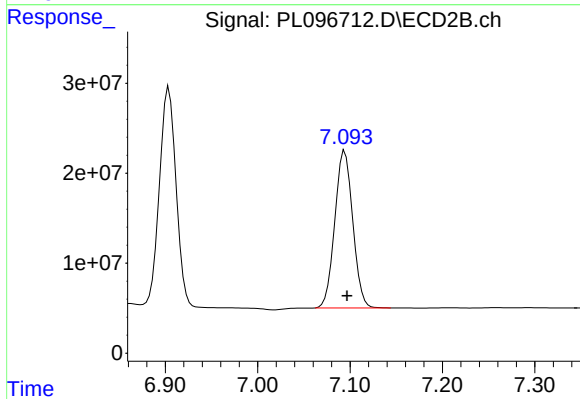
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.003 min
Response: 301622574
Conc: 54.15 ng/ml



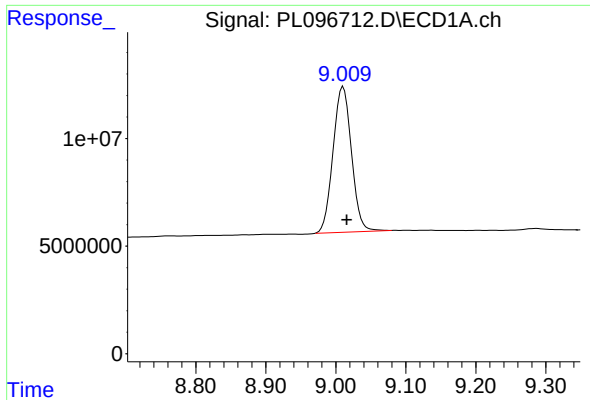
#22 Mirex

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 125489815
Conc: 50.61 ng/ml



#22 Mirex

R.T.: 7.094 min
Delta R.T.: -0.002 min
Response: 236345716
Conc: 54.20 ng/ml



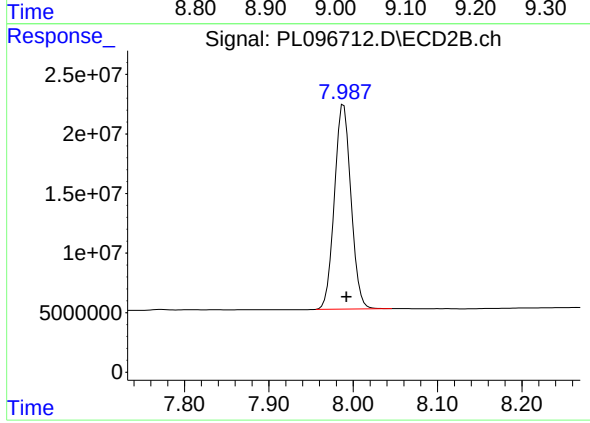
#28 Decachlorobiphenyl

R.T.: 9.011 min
Delta R.T.: -0.005 min
Response: 123694508
Conc: 51.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.989 min
Delta R.T.: -0.003 min
Response: 234484448
Conc: 54.05 ng/ml