

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080425\
 Data File : PL096699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 15:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/05/2025
 Supervised By : mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 01:45:47 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...	3.534	2.828	177.0E6	267.5E6	55.660	55.988
28)	SA Decachlor...	9.011	7.991	133.0E6	210.0E6	55.779	48.410
Target Compounds							
2)	A alpha-BHC	3.982	3.333	258.6E6	401.4E6	55.893	56.719
3)	MA gamma-BHC...	4.309	3.665	243.9E6	370.6E6	55.140	56.127
4)	MA Heptachlor	4.901	4.013	222.5E6	353.7E6	53.546	53.088
5)	MB Aldrin	5.241	4.296	229.9E6	346.1E6	53.445	55.752
6)	B beta-BHC	4.496	3.961	101.6E6	157.5E6	56.314	55.850
7)	B delta-BHC	4.740	4.194	226.5E6	362.7E6	56.775m	56.031
8)	B Heptachlo...	5.660	4.798	211.2E6	312.1E6	54.761	54.646
9)	A Endosulfan I	6.042	5.169	191.2E6	286.2E6	53.163	51.748
10)	B gamma-Chl...	5.914	5.050	210.4E6	322.3E6	55.304	54.817
11)	B alpha-Chl...	5.994	5.114	207.6E6	313.1E6	53.861	53.076
12)	B 4,4'-DDE	6.164	5.303	176.2E6	296.7E6	54.860	53.800
13)	MA Dieldrin	6.314	5.434	198.4E6	318.1E6	53.463	53.848
14)	MA Endrin	6.540	5.708	147.1E6	266.4E6	48.592	49.272
15)	B Endosulfa...	6.753	6.000	167.9E6	267.8E6	52.422	52.135
16)	A 4,4'-DDD	6.673	5.855	145.2E6	254.0E6	57.443	53.979
17)	MA 4,4'-DDT	6.987	6.108	133.0E6	226.9E6	46.362	44.854
18)	B Endrin al...	6.882	6.178	114.5E6	191.5E6	53.347	51.681
19)	B Endosulfa...	7.115	6.402	150.6E6	262.4E6	52.411	51.587
20)	A Methoxychlor	7.460	6.680	65530172	119.7E6	44.628	43.679
21)	B Endrin ke...	7.595	6.905	162.6E6	285.9E6	54.078	51.335
22)	Mirex	8.074	7.096	127.5E6	212.1E6	51.409	48.632

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080425\
Data File : PL096699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 15:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

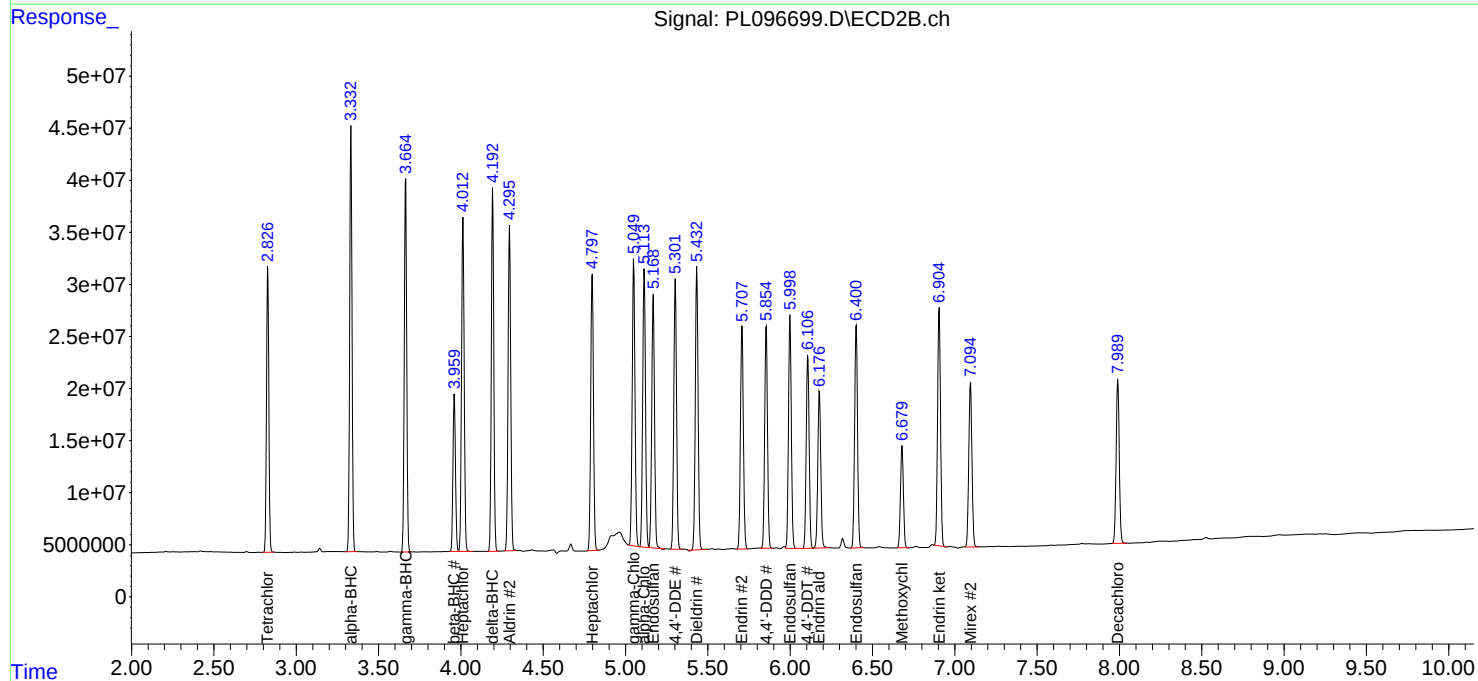
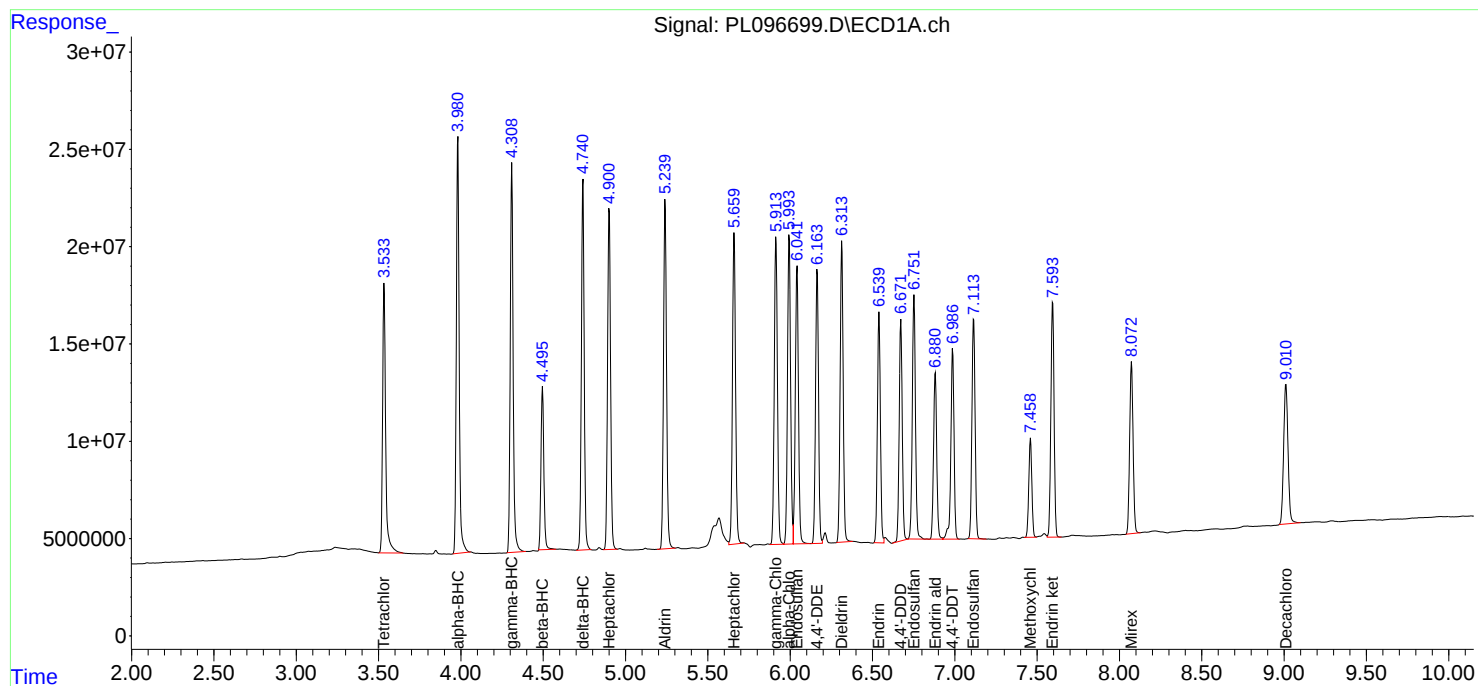
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

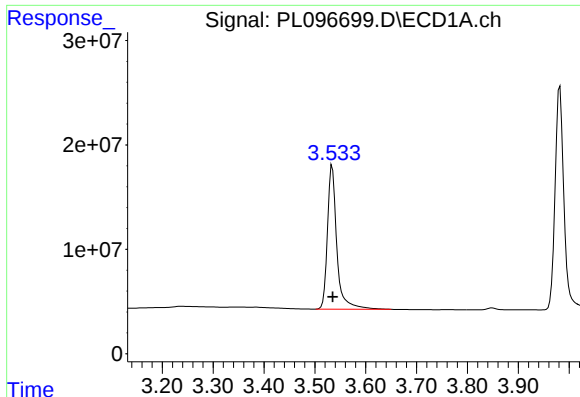
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 01:45:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 2025
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





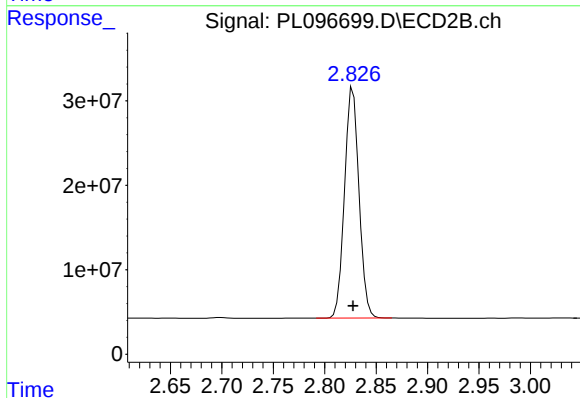
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 177043322
Conc: 55.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

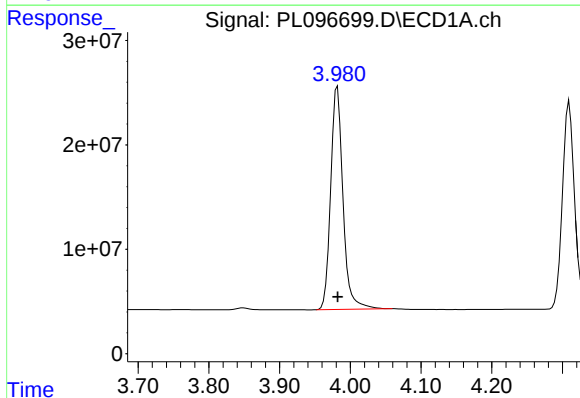
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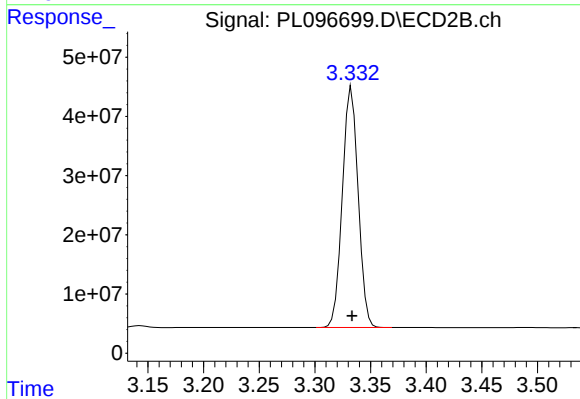
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 267496756
Conc: 55.99 ng/ml



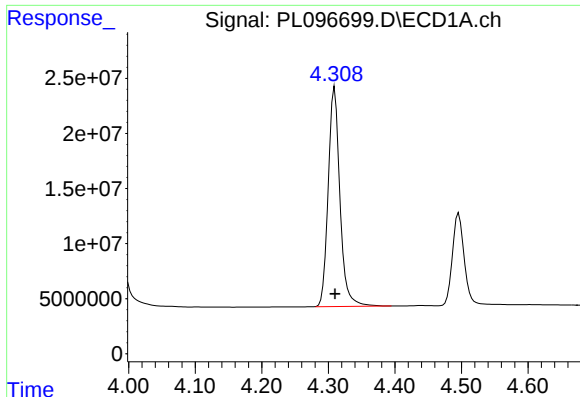
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 258578941
Conc: 55.89 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 401403942
Conc: 56.72 ng/ml



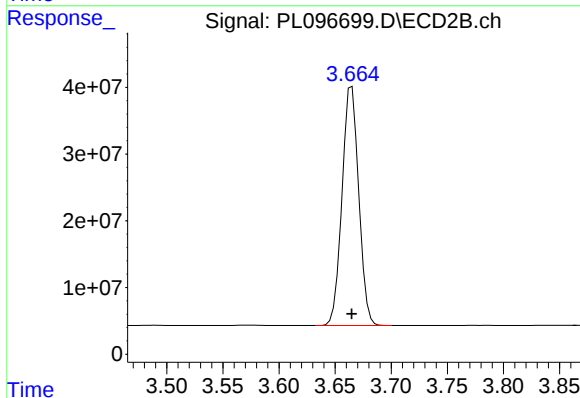
#3 gamma-BHC (Lindane)

R.T.: 4.309 min
Delta R.T.: 0.000 min
Response: 243908936
Conc: 55.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

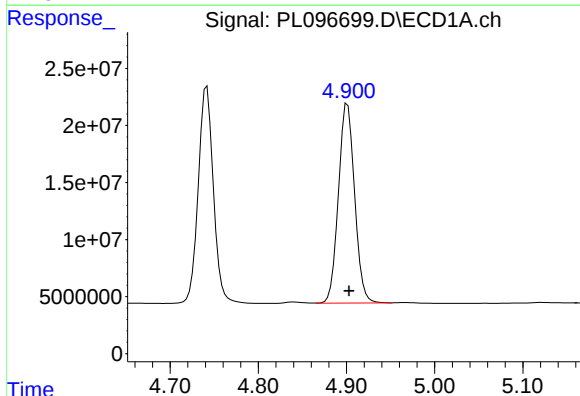
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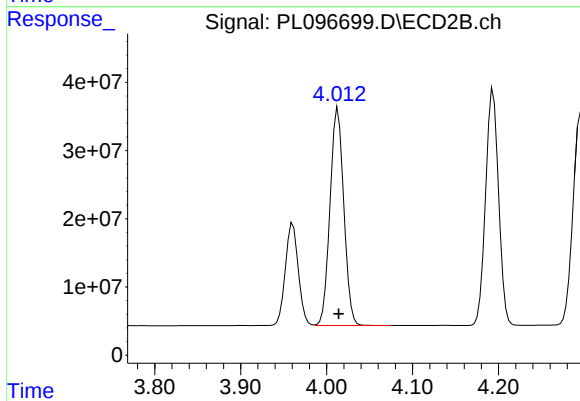
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 370625594
Conc: 56.13 ng/ml



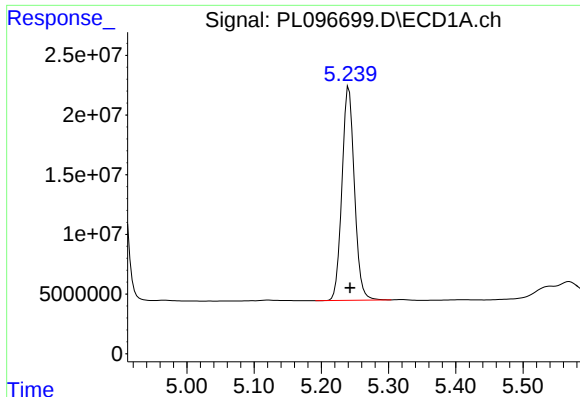
#4 Heptachlor

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 222520290
Conc: 53.55 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 353667828
Conc: 53.09 ng/ml



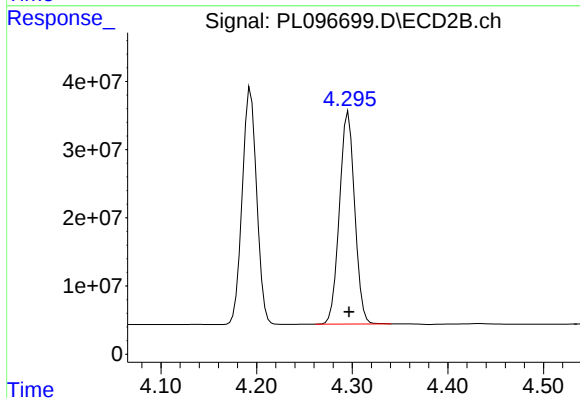
#5 Aldrin

R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 229868554
Conc: 53.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

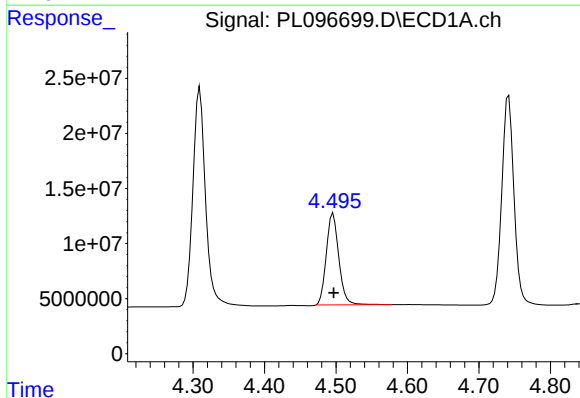
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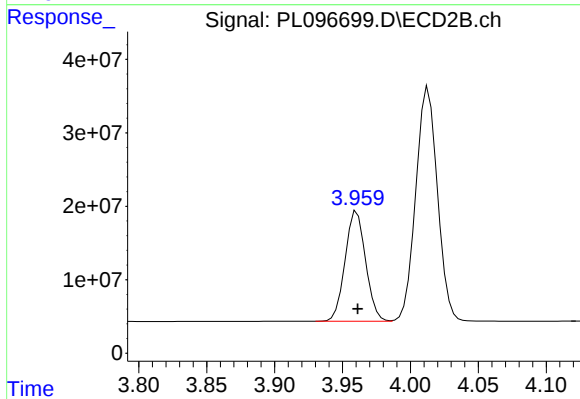
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 346055593
Conc: 55.75 ng/ml



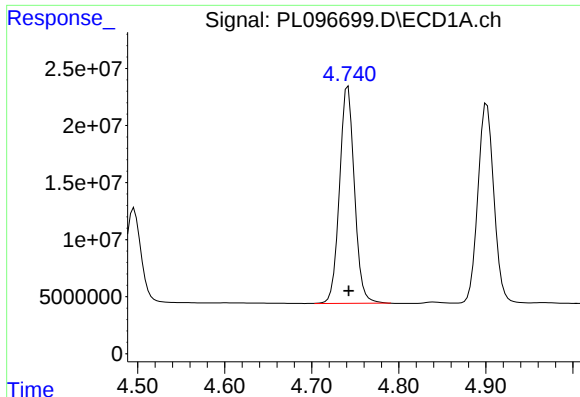
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 101645411
Conc: 56.31 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 157547296
Conc: 55.85 ng/ml



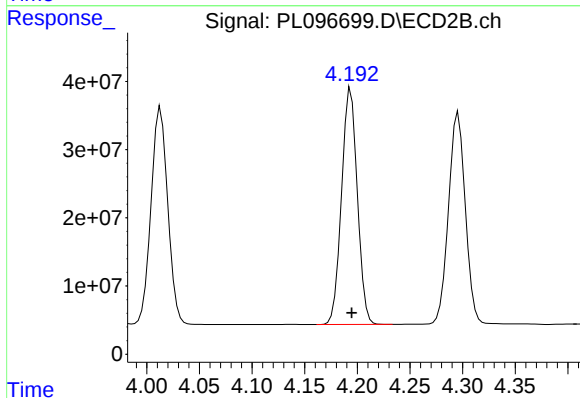
#7 delta-BHC

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 226526063
Conc: 56.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

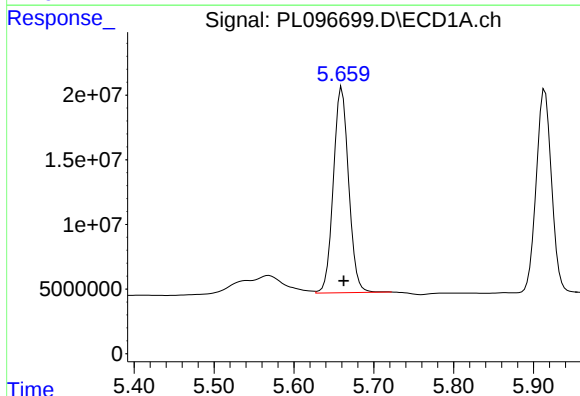
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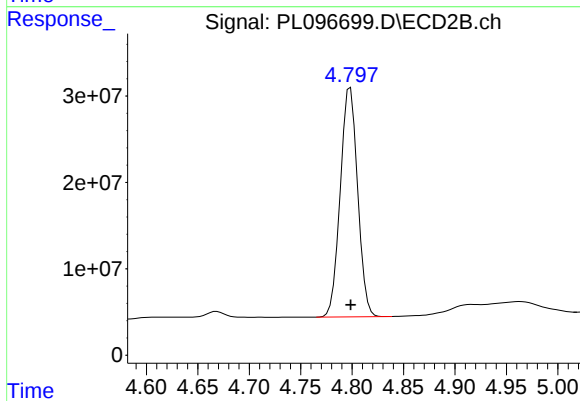
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 362722136
Conc: 56.03 ng/ml



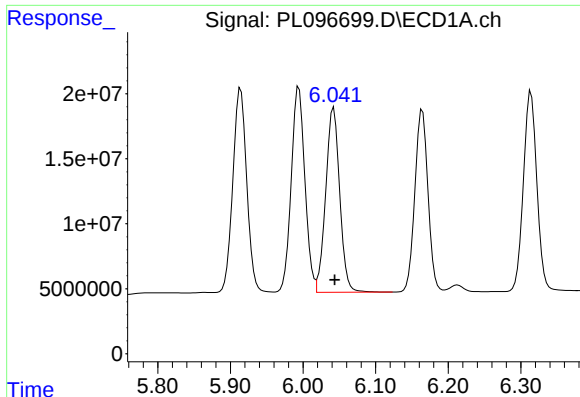
#8 Heptachlor epoxide

R.T.: 5.660 min
Delta R.T.: -0.002 min
Response: 211189699
Conc: 54.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 312100783
Conc: 54.65 ng/ml



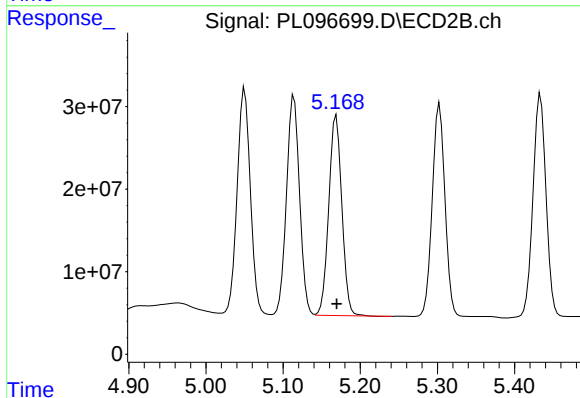
#9 Endosulfan I

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 191192610
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

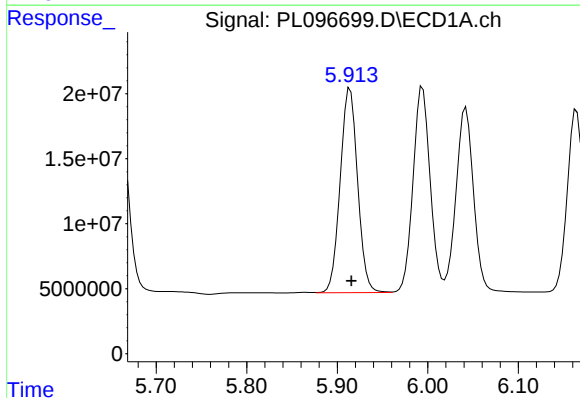
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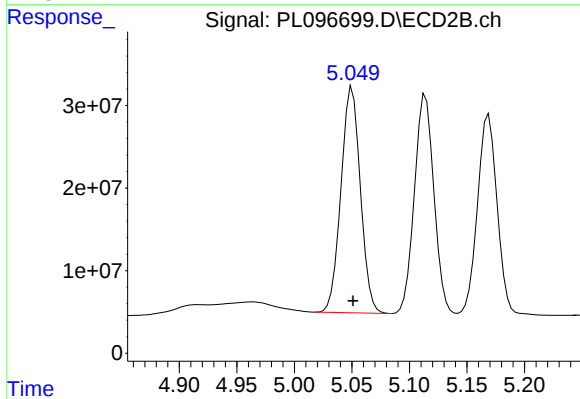
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 286237471
Conc: 51.75 ng/ml



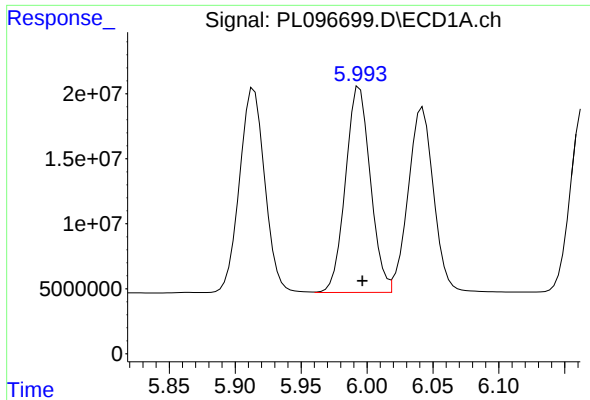
#10 gamma-Chlordane

R.T.: 5.914 min
Delta R.T.: -0.002 min
Response: 210446499
Conc: 55.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 322332033
Conc: 54.82 ng/ml



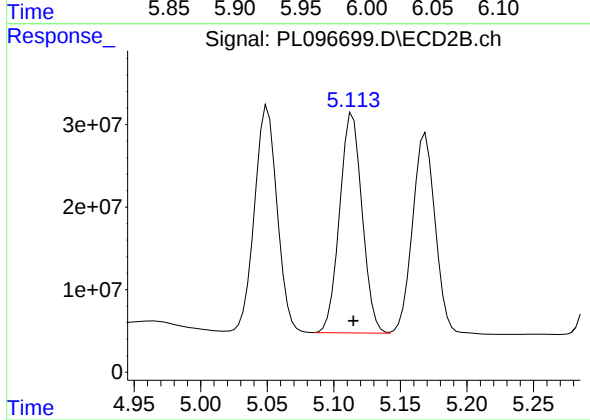
#11 alpha-Chlordane

R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 207613294
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

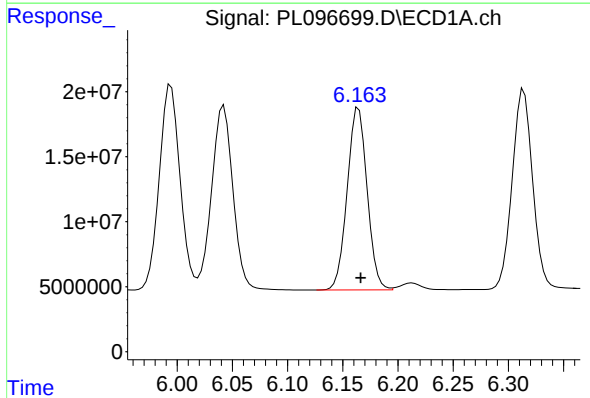
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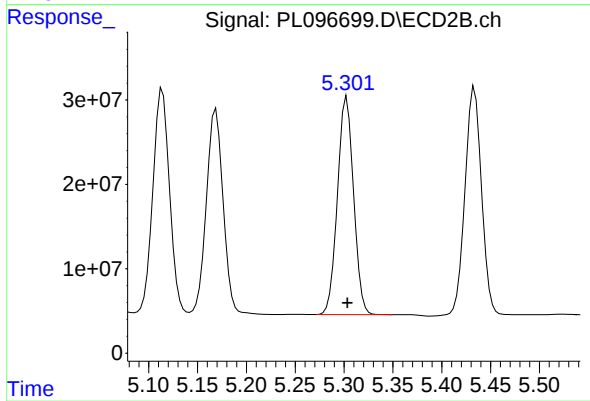
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 313089399
Conc: 53.08 ng/ml



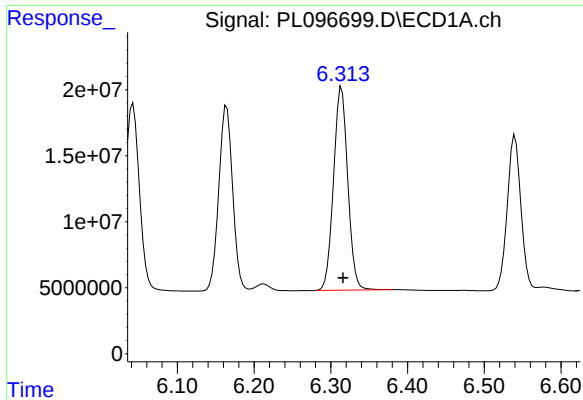
#12 4,4'-DDE

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 176167635
Conc: 54.86 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 296674457
Conc: 53.80 ng/ml



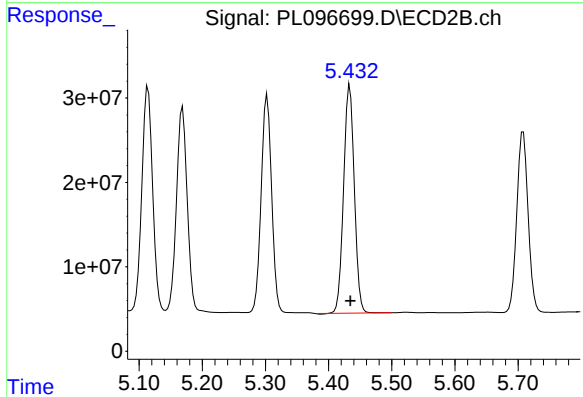
#13 Dieldrin

R.T.: 6.314 min
Delta R.T.: -0.002 min
Response: 198408521
Conc: 53.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

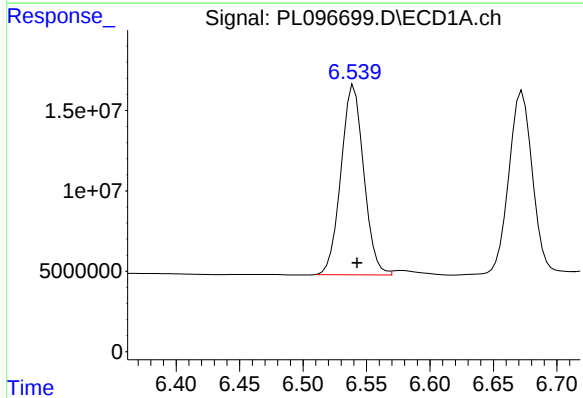
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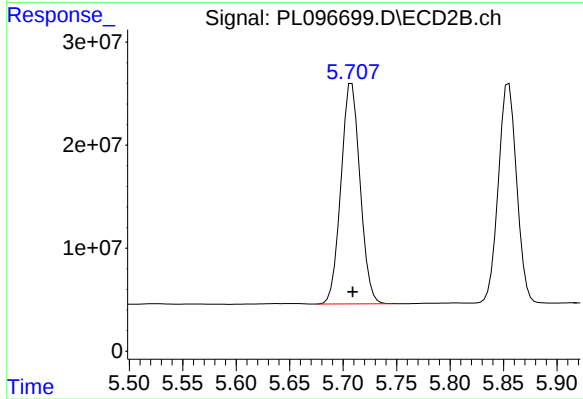
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 318056564
Conc: 53.85 ng/ml



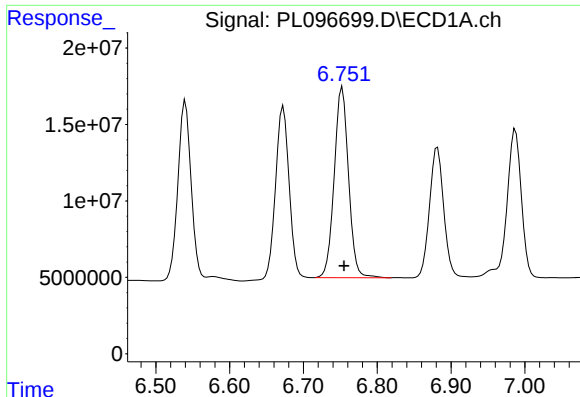
#14 Endrin

R.T.: 6.540 min
Delta R.T.: -0.002 min
Response: 147078394
Conc: 48.59 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 266362853
Conc: 49.27 ng/ml



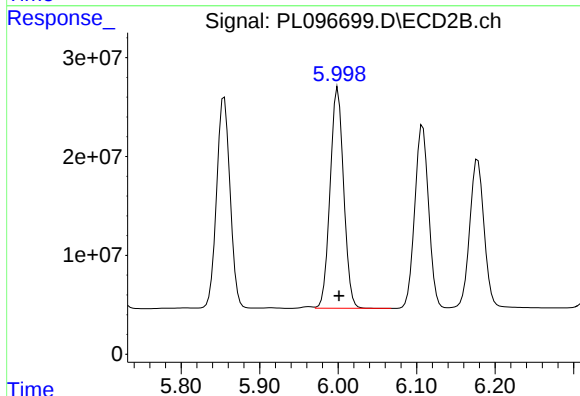
#15 Endosulfan II

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 167890054
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

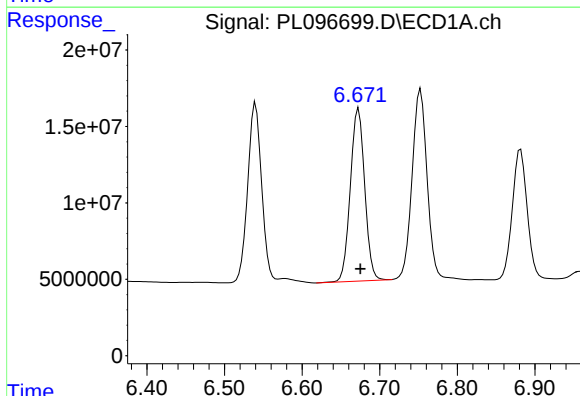
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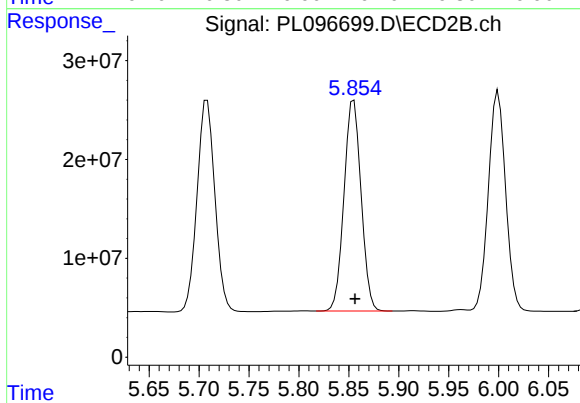
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 267775836
Conc: 52.13 ng/ml



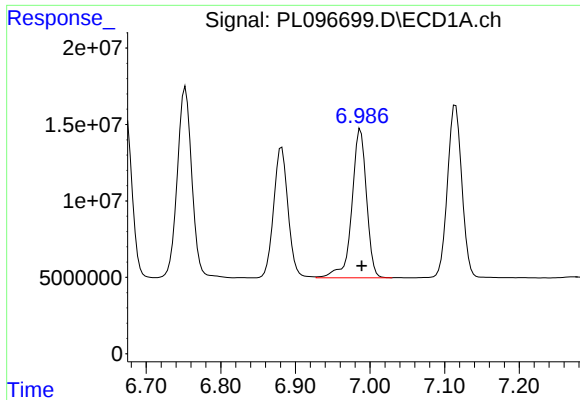
#16 4,4'-DDD

R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 145237915
Conc: 57.44 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.001 min
Response: 253986662
Conc: 53.98 ng/ml



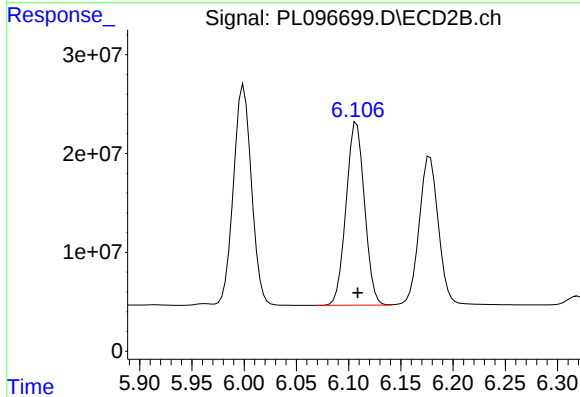
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 132950614
Conc: 46.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

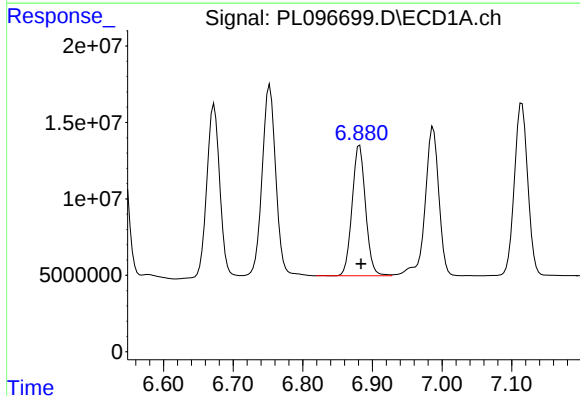
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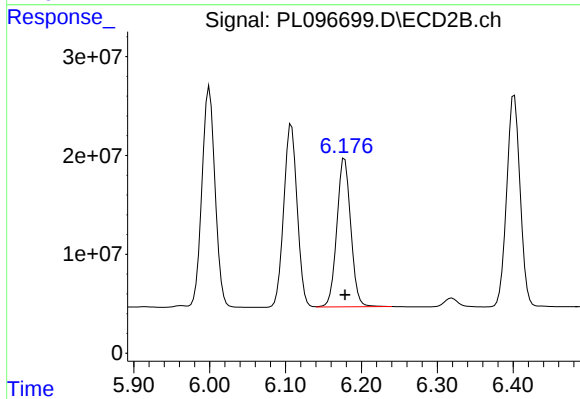
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.001 min
Response: 226883011
Conc: 44.85 ng/ml



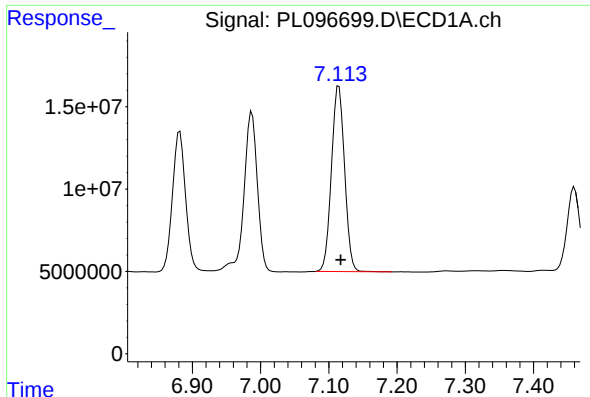
#18 Endrin aldehyde

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 114477799
Conc: 53.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 191511387
Conc: 51.68 ng/ml



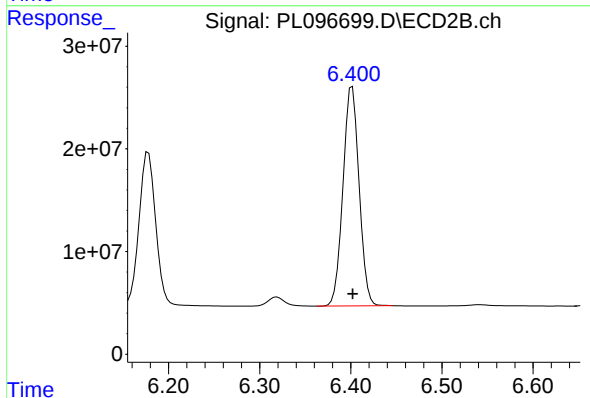
#19 Endosulfan Sulfate

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 150611778
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

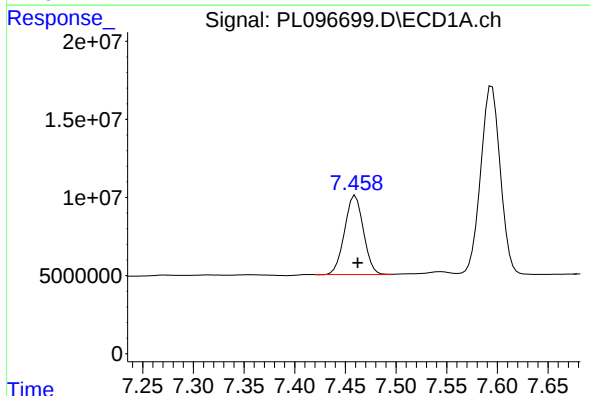
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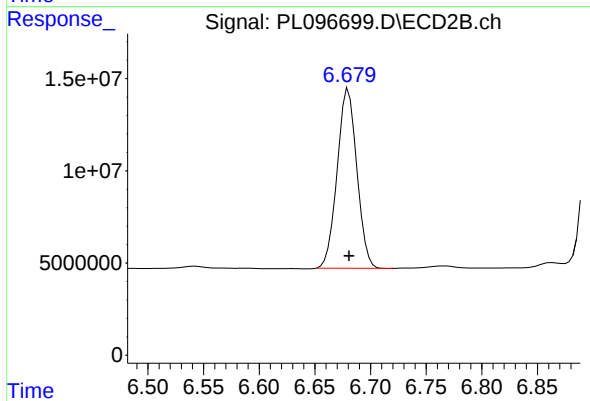
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 262384052
Conc: 51.59 ng/ml



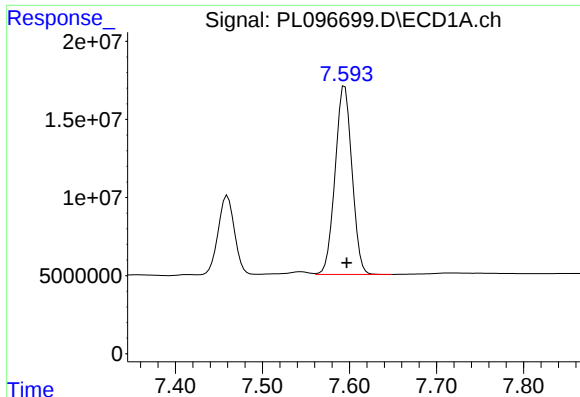
#20 Methoxychlor

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 65530172
Conc: 44.63 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 119701858
Conc: 43.68 ng/ml



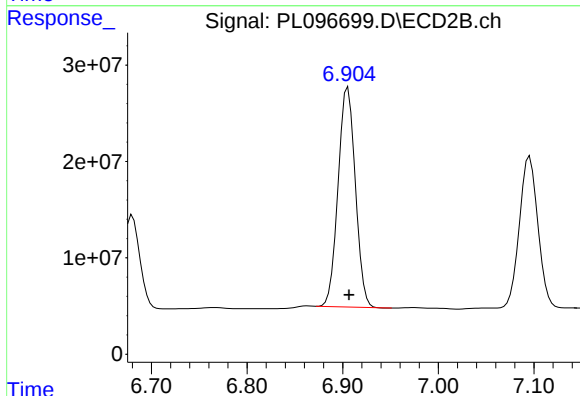
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: -0.002 min
Response: 162598588
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

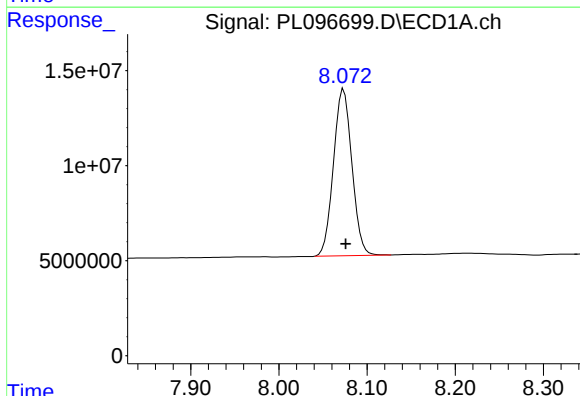
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



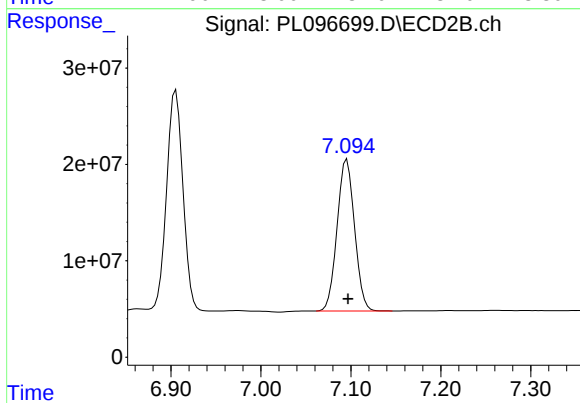
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.001 min
Response: 285921587
Conc: 51.33 ng/ml



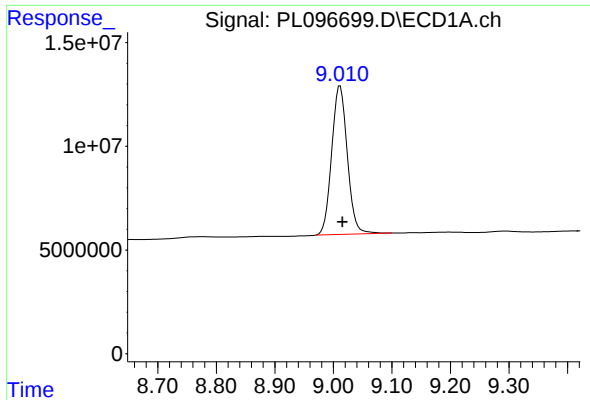
#22 Mirex

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 127461125
Conc: 51.41 ng/ml



#22 Mirex

R.T.: 7.096 min
Delta R.T.: -0.001 min
Response: 212079094
Conc: 48.63 ng/ml



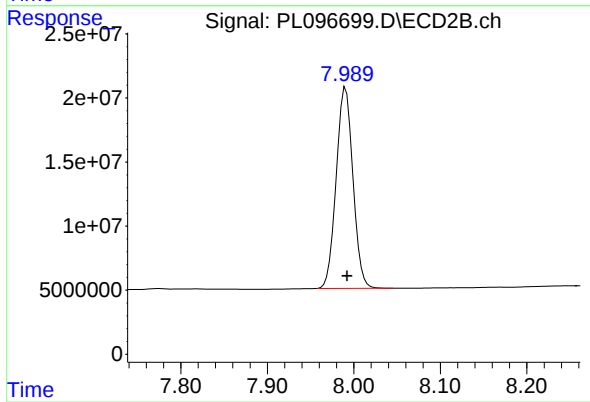
#28 Decachlorobiphenyl

R.T.: 9.011 min
Delta R.T.: -0.004 min
Response: 133014625
Conc: 55.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: -0.001 min
Response: 210019624
Conc: 48.41 ng/ml