

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
 Data File : PL096520.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2025 17:43
 Operator : AR\AJ
 Sample : Q2649-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/23/2025
 Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:50:04 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...	3.533	2.827	63586635	114.4E6	17.426m	19.817
28) SA Decachlor...	9.016	7.992	45984673	86871907	16.347	17.421
Target Compounds						
2) A alpha-BHC	3.982	3.333	284.7E6	511.5E6	55.352	60.648
3) MA gamma-BHC...	4.310	3.665	271.5E6	472.9E6	54.519	60.042
4) MA Heptachlor	4.903	4.013	254.2E6	455.4E6	55.494	59.859
5) MB Aldrin	5.242	4.296	260.7E6	434.9E6	53.938	59.605
6) B beta-BHC	4.497	3.960	115.3E6	196.1E6	55.443	57.277
7) B delta-BHC	4.742	4.194	257.9E6	464.5E6	57.546	60.310
8) B Heptachlo...	5.662	4.798	238.7E6	391.4E6	57.520	58.550
9) A Endosulfan I	6.044	5.169	216.6E6	364.3E6	53.641	50.773
10) B gamma-Chl...	5.916	5.050	235.4E6	412.1E6	53.191	58.708
11) B alpha-Chl...	5.996	5.114	234.2E6	403.9E6	53.490	53.706
12) B 4,4'-DDE	6.166	5.303	198.1E6	381.5E6	53.433	59.028
13) MA Dieldrin	6.316	5.434	226.9E6	404.0E6	53.660	59.240
14) MA Endrin	6.542	5.708	179.8E6	363.1E6	57.825	59.560
15) B Endosulfa...	6.755	6.000	191.1E6	344.3E6	55.061	58.722
16) A 4,4'-DDD	6.675	5.855	164.5E6	304.5E6	56.488	59.371
17) MA 4,4'-DDT	6.989	6.108	164.2E6	327.7E6	54.095	57.146
18) B Endrin al...	6.883	6.178	143.4E6	268.7E6	64.160	60.327
19) B Endosulfa...	7.117	6.401	164.3E6	333.6E6	53.707	59.319
20) A Methoxychlor	7.462	6.680	89642226	172.6E6	56.901	56.812
21) B Endrin ke...	7.596	6.905	170.3E6	356.2E6	51.594	56.971m
22) Mirex	8.076	7.097	143.7E6	280.8E6	51.650	56.525

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
Data File : PL096520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 17:43
Operator : AR\AJ
Sample : Q2649-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

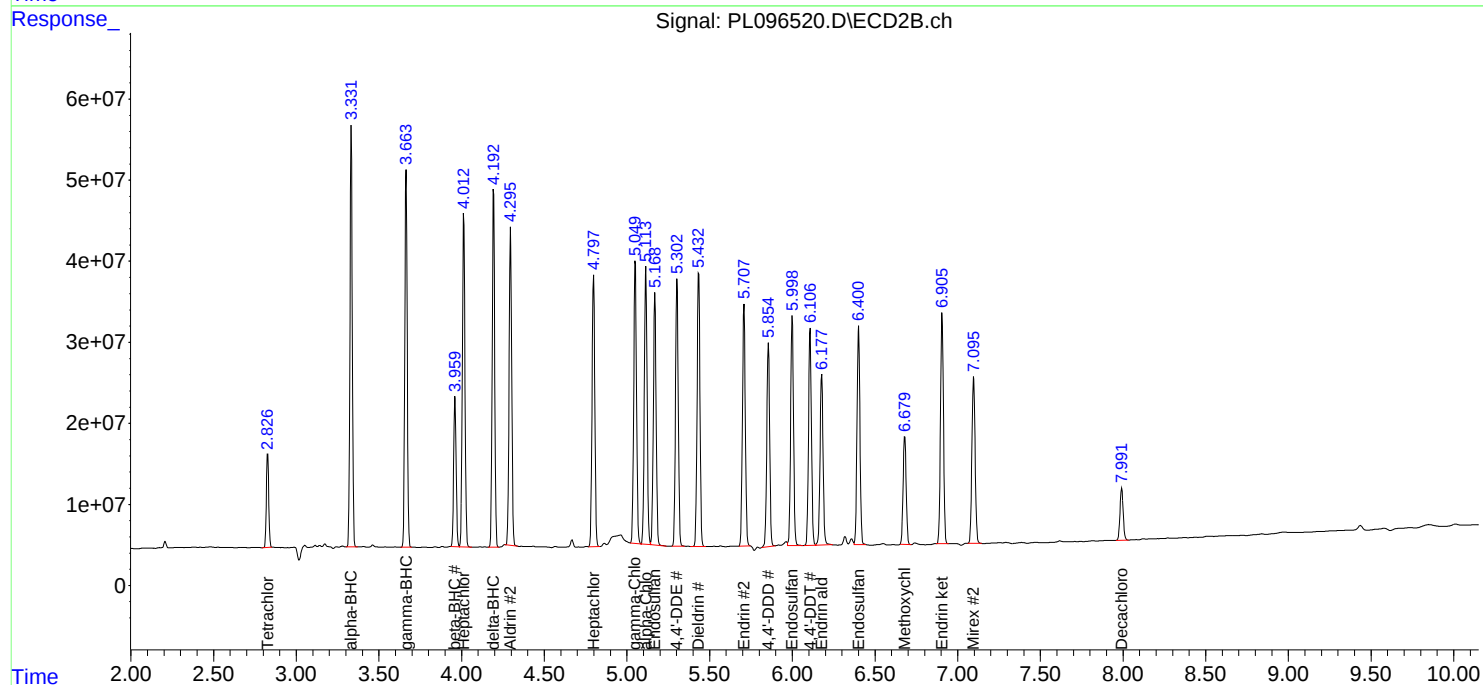
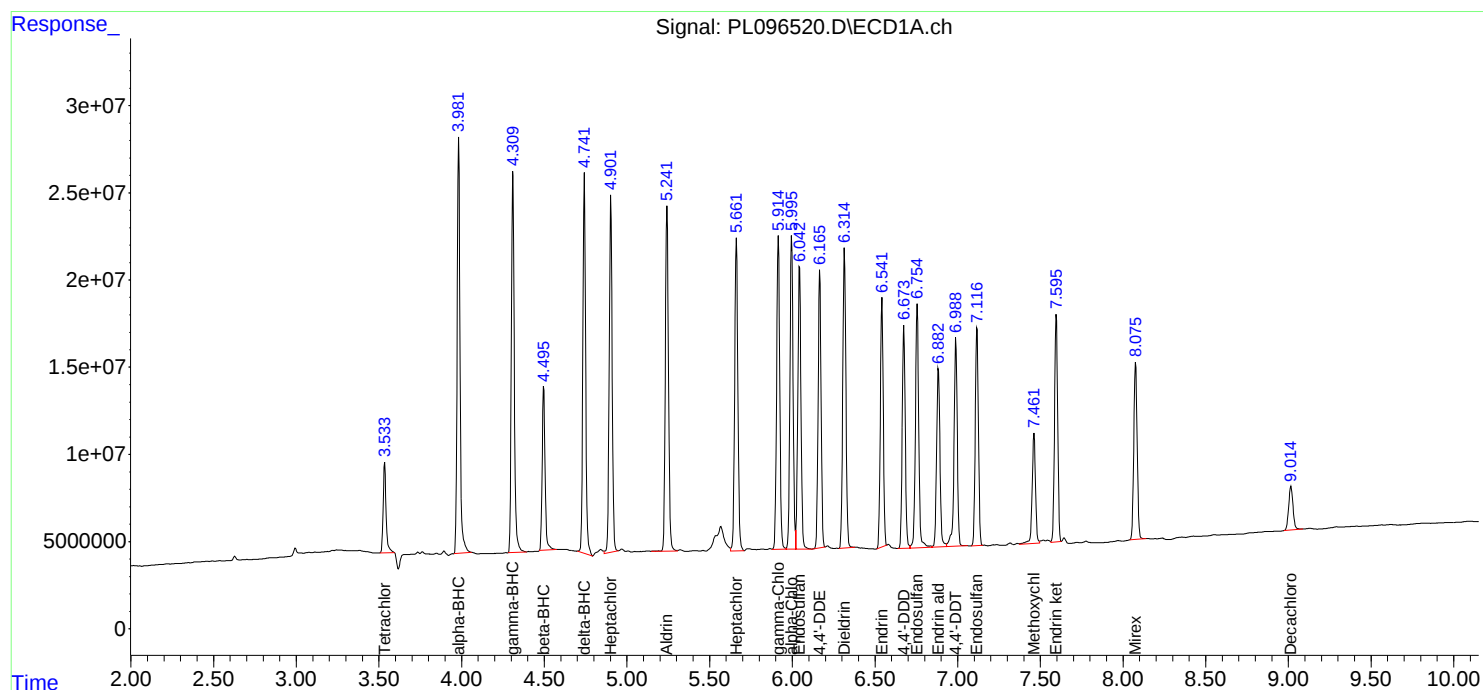
Instrument :
ECD_L
ClientSampleId :
WC-2MSD

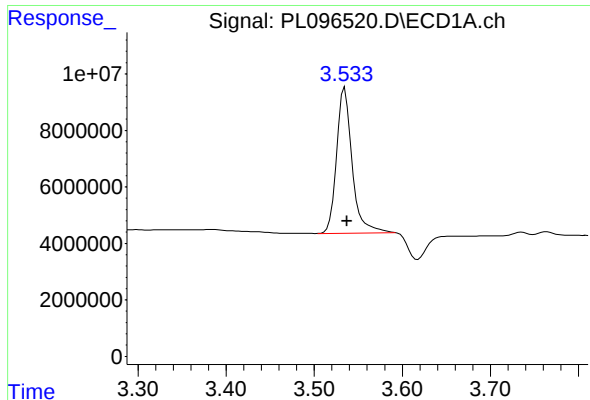
Manual Integrations
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Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:50:04 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





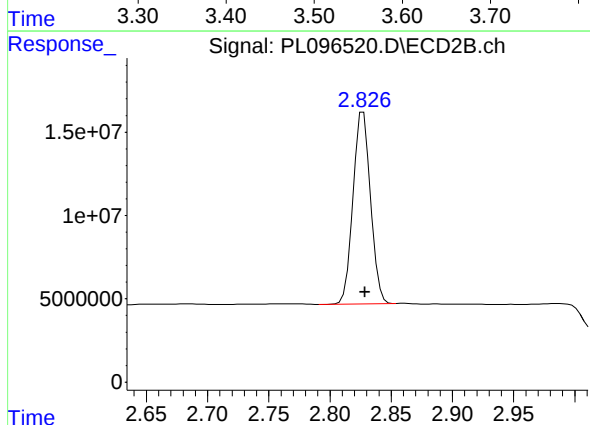
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.004 min
Response: 63586635
Conc: 17.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

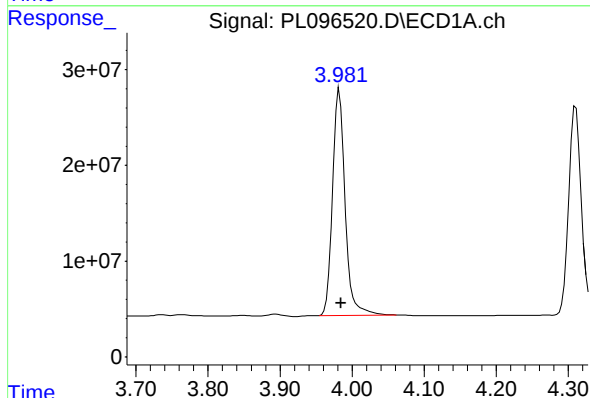
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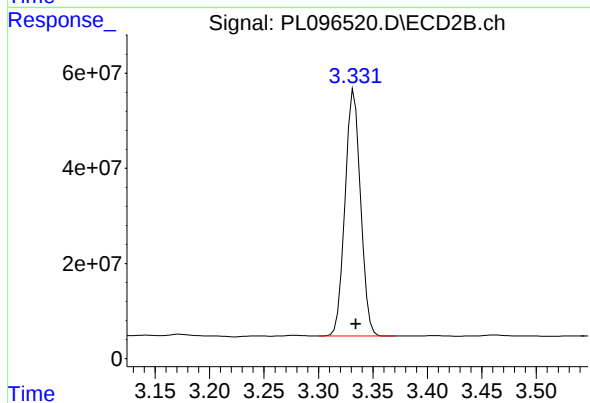
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 114367561
Conc: 19.82 ng/ml



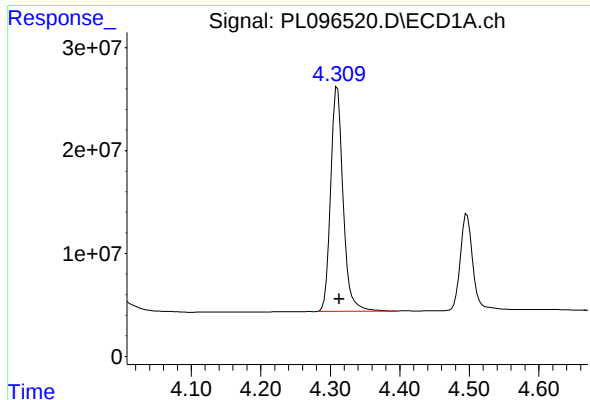
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.002 min
Response: 284680889
Conc: 55.35 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 511523984
Conc: 60.65 ng/ml



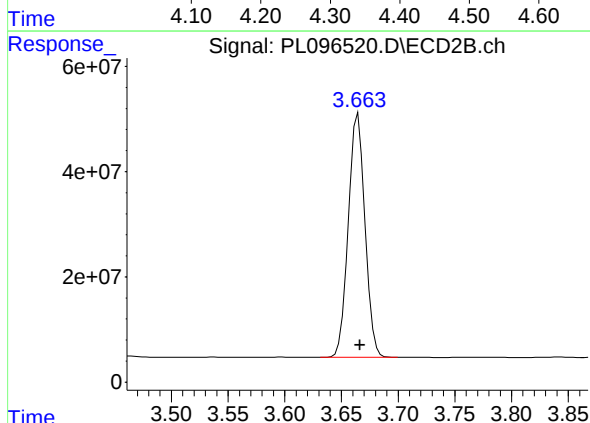
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 271483469
Conc: 54.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

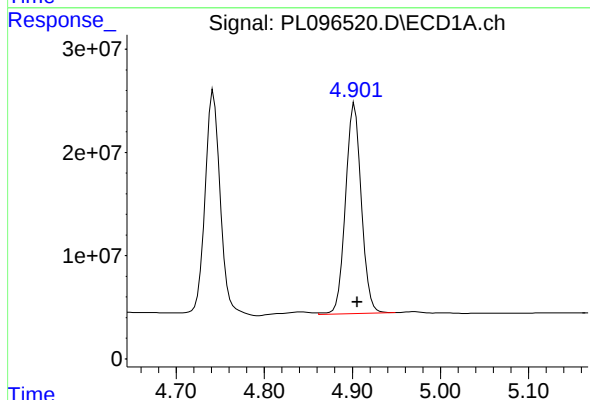
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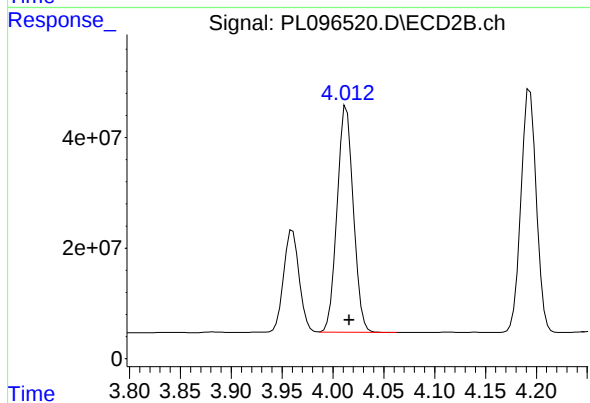
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 472880041
Conc: 60.04 ng/ml



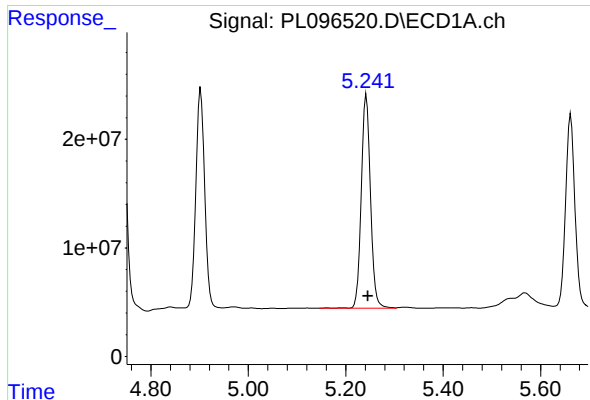
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 254228884
Conc: 55.49 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.003 min
Response: 455395590
Conc: 59.86 ng/ml



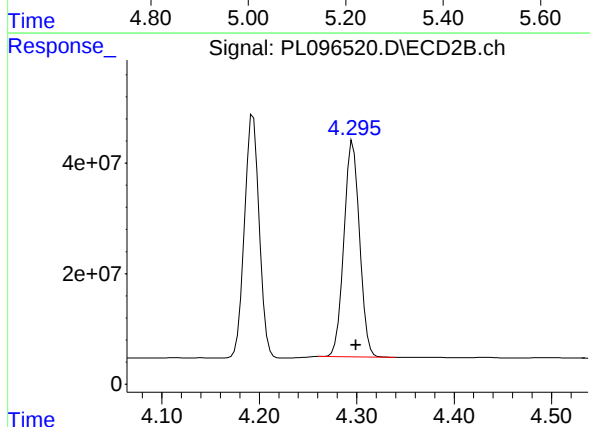
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 260719822
Conc: 53.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

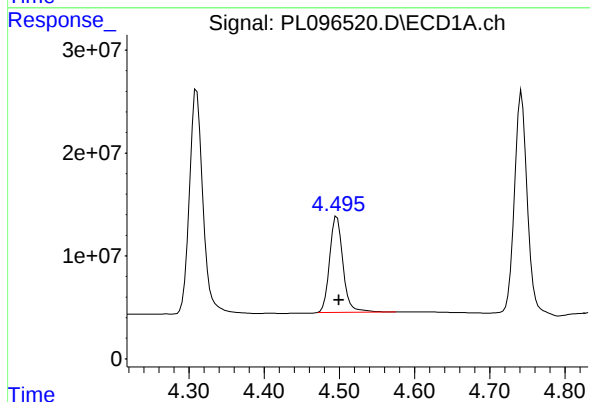
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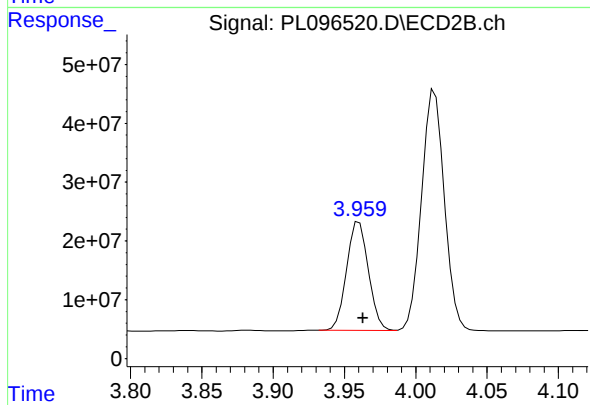
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 434857909
Conc: 59.61 ng/ml



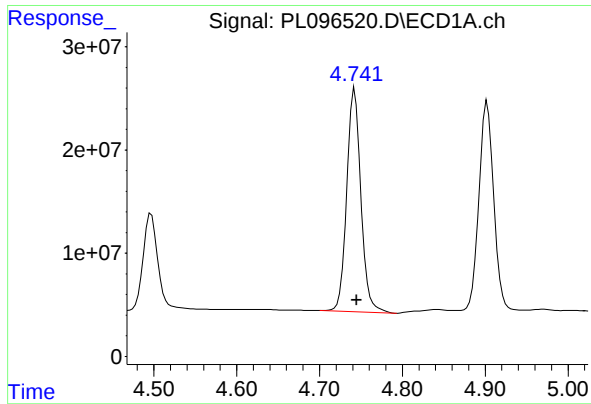
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: -0.003 min
Response: 115255097
Conc: 55.44 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 196111315
Conc: 57.28 ng/ml



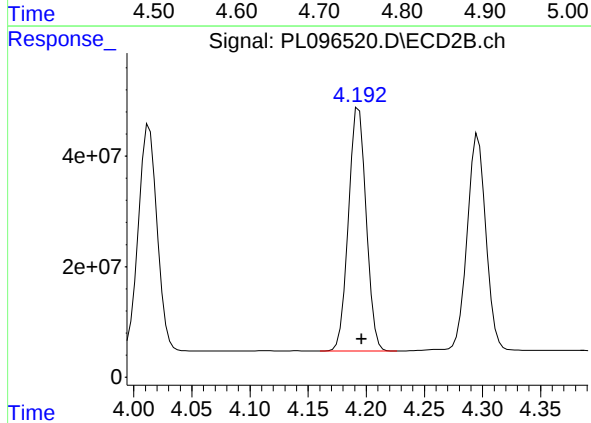
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 257882141
Conc: 57.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

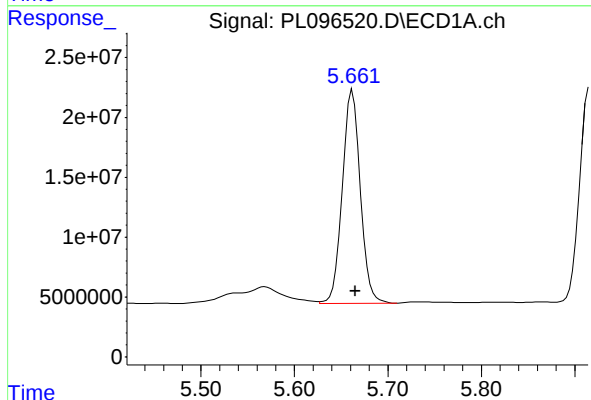
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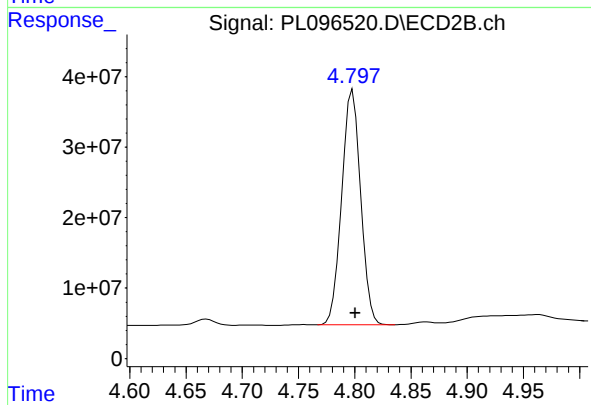
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 464504087
Conc: 60.31 ng/ml



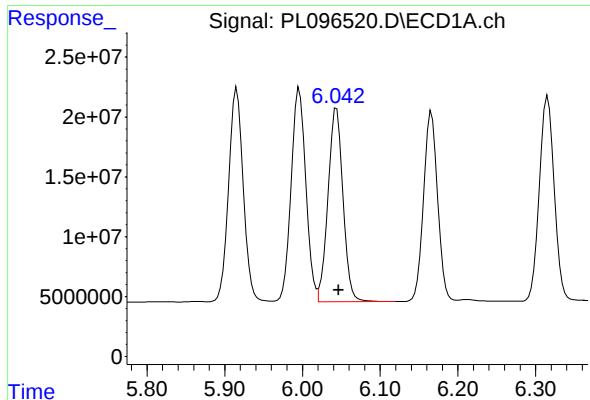
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 238660787
Conc: 57.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 391402385
Conc: 58.55 ng/ml



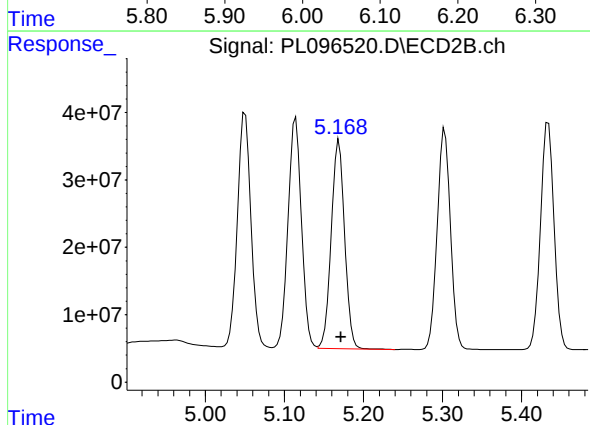
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: -0.003 min
Response: 216561365
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

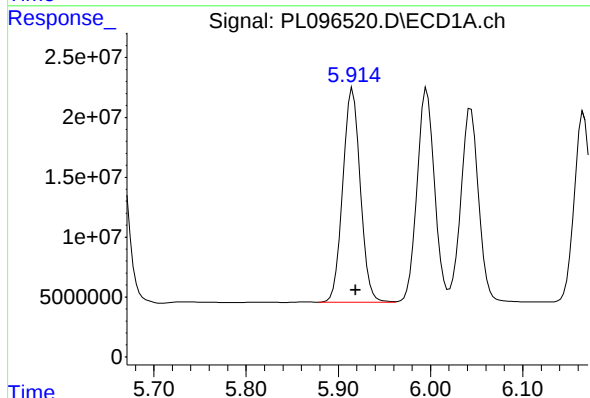
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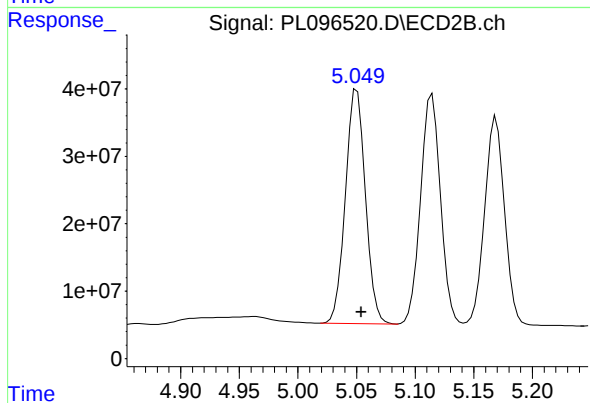
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 364255585
Conc: 50.77 ng/ml



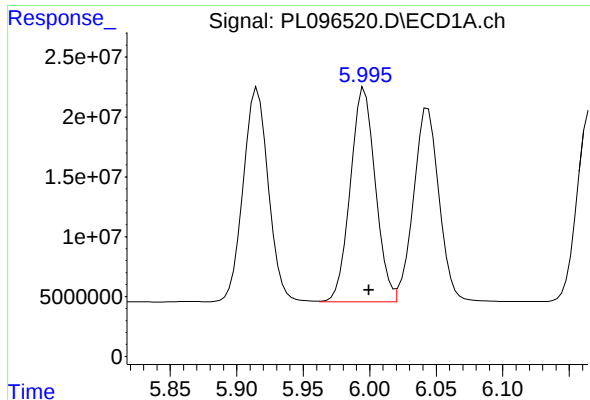
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 235361645
Conc: 53.19 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.004 min
Response: 412111850
Conc: 58.71 ng/ml



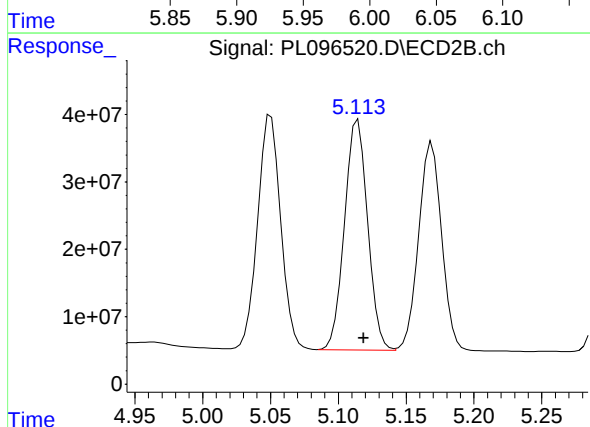
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: -0.003 min
Response: 234225754
Conc: 53.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

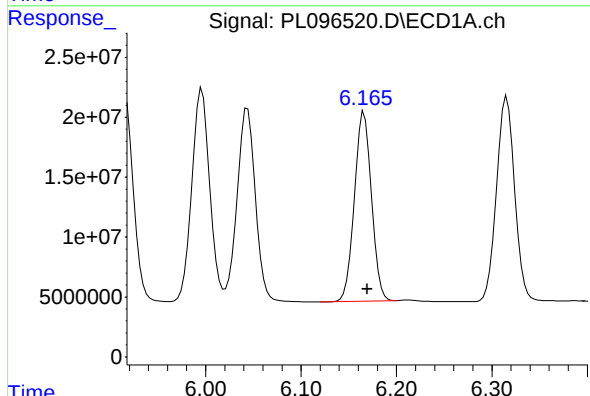
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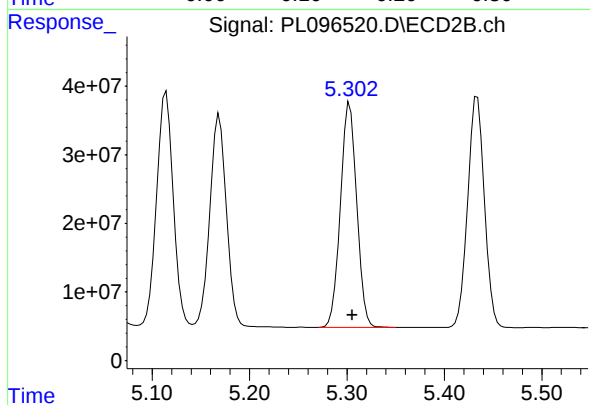
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.004 min
Response: 403879354
Conc: 53.71 ng/ml



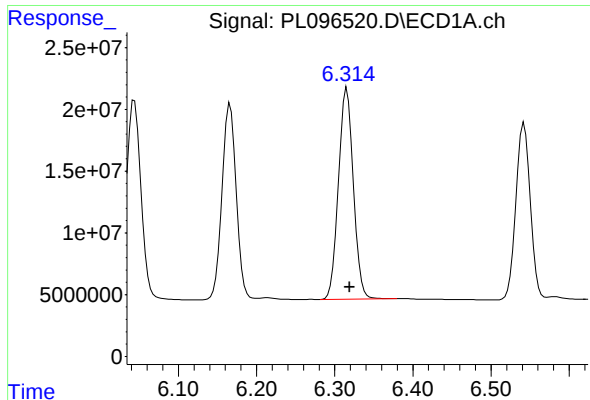
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 198101001
Conc: 53.43 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: -0.003 min
Response: 381541437
Conc: 59.03 ng/ml



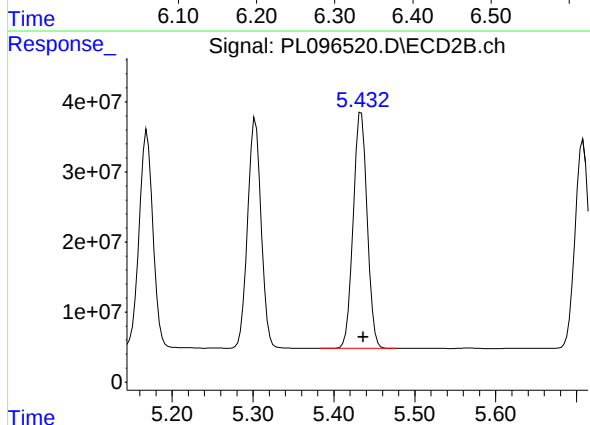
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: -0.004 min
Response: 226896438
Conc: 53.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

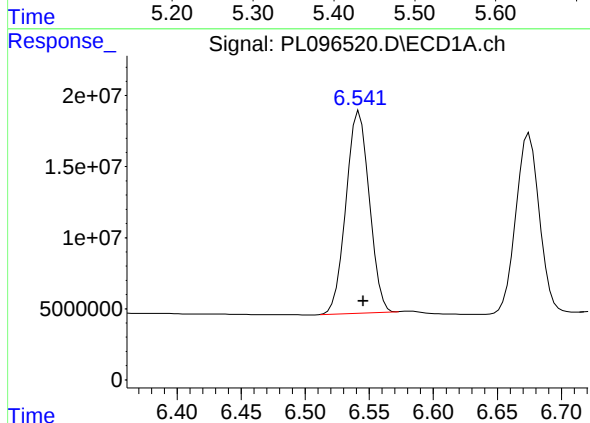
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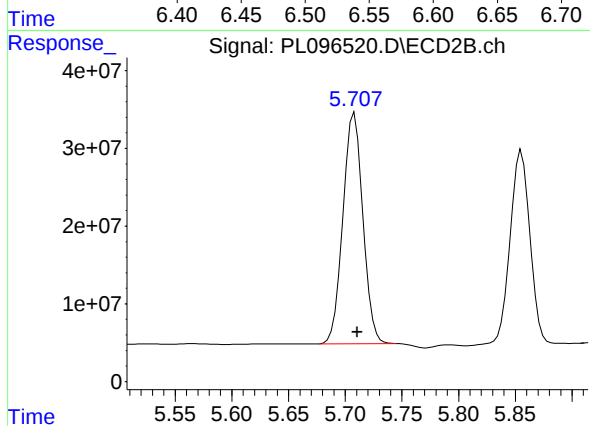
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 403969832
Conc: 59.24 ng/ml



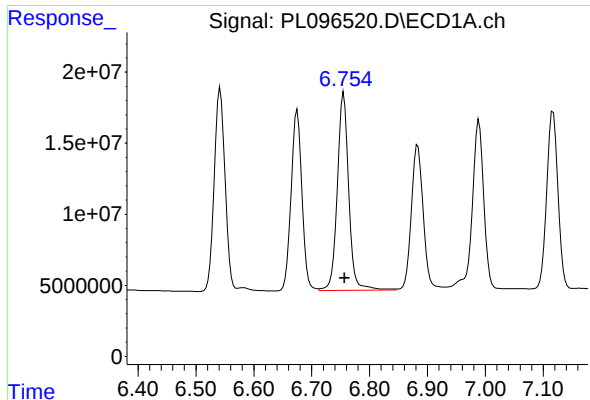
#14 Endrin

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 179848482
Conc: 57.83 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 363107464
Conc: 59.56 ng/ml



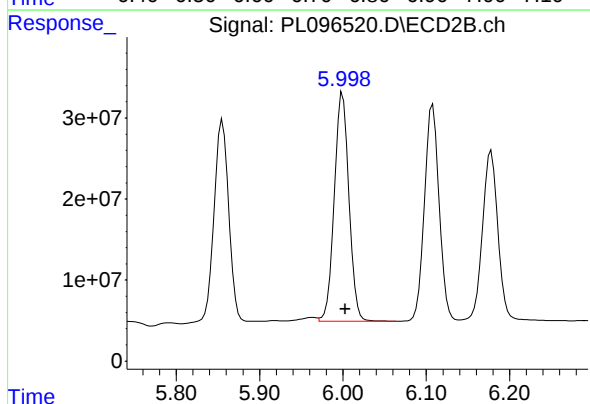
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: -0.001 min
Response: 191064066
Conc: 55.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

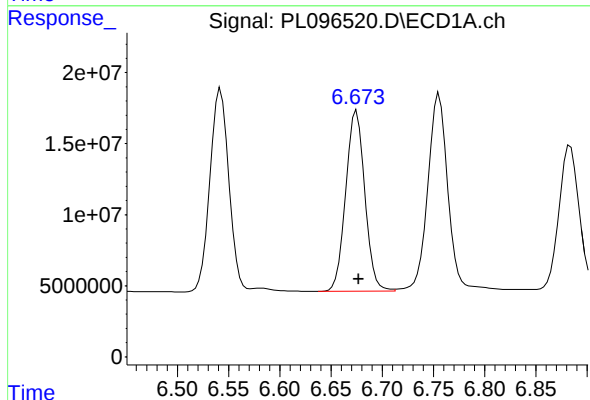
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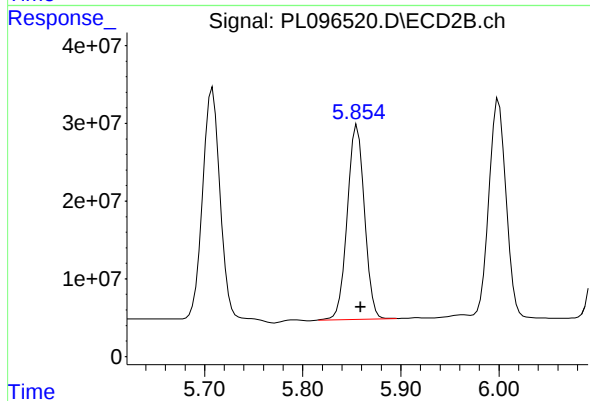
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 344339717
Conc: 58.72 ng/ml



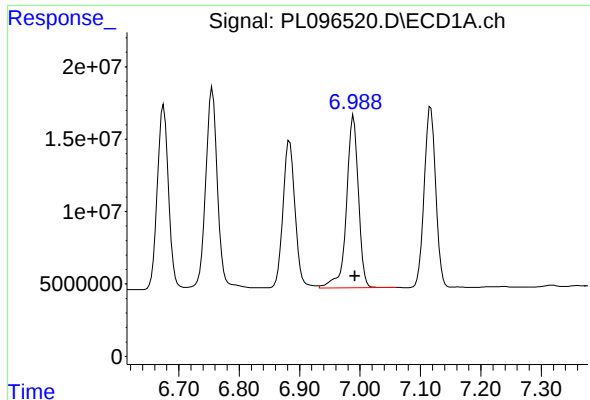
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 164475012
Conc: 56.49 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.003 min
Response: 304493439
Conc: 59.37 ng/ml



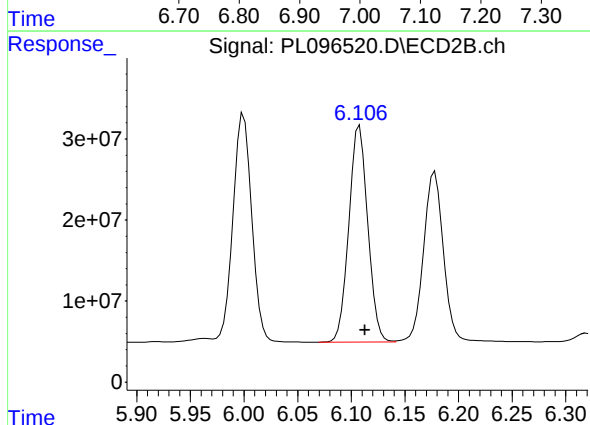
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 164188150
Conc: 54.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

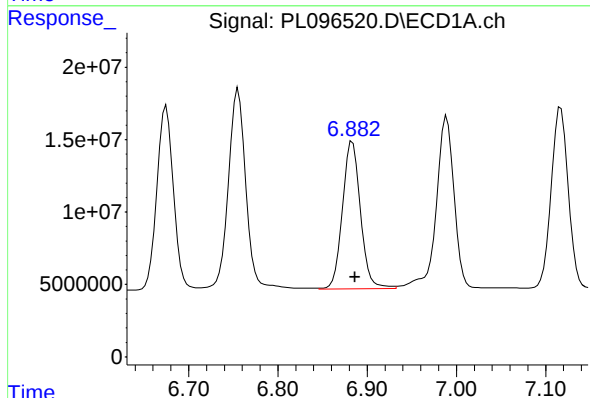
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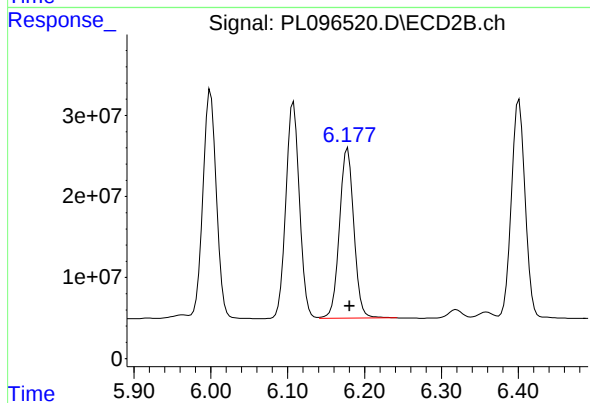
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.005 min
Response: 327738899
Conc: 57.15 ng/ml



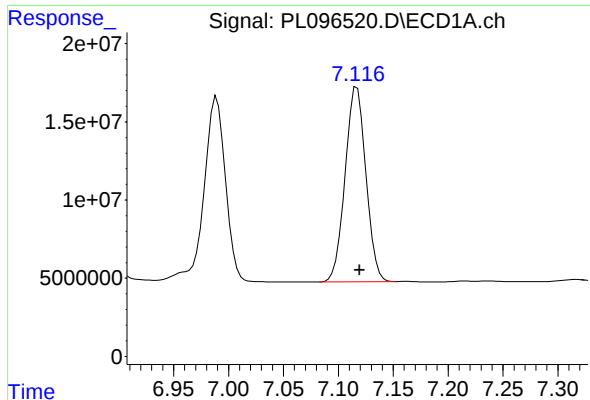
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: -0.003 min
Response: 143434306
Conc: 64.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: -0.003 min
Response: 268731990
Conc: 60.33 ng/ml



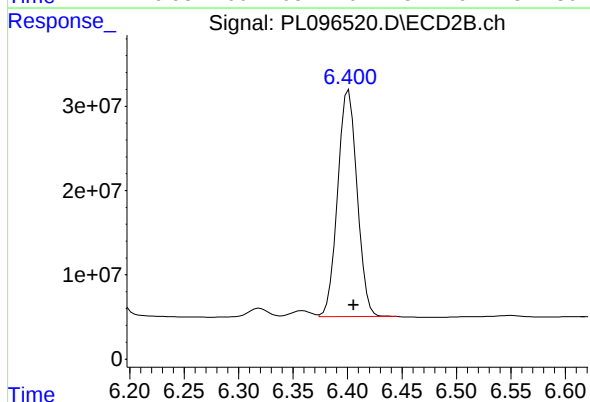
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: -0.003 min
Response: 164280796
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

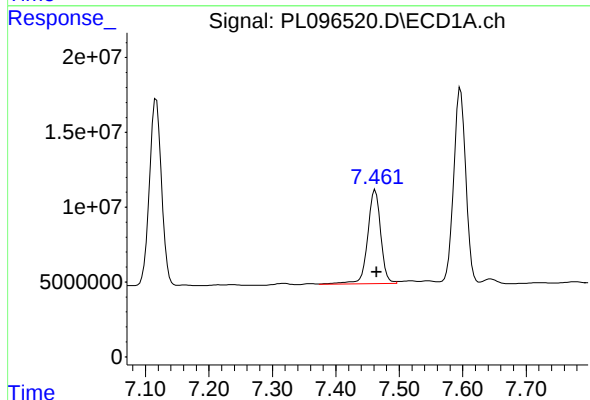
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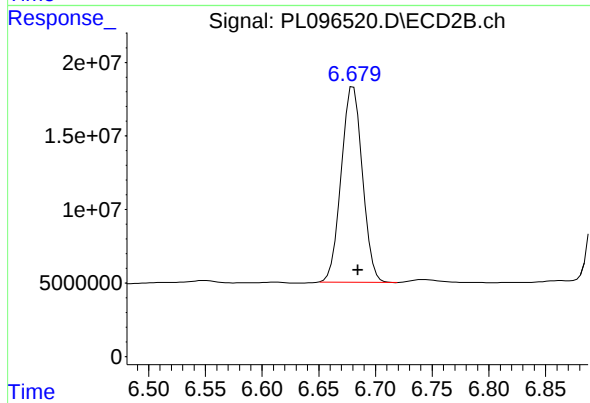
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: -0.005 min
Response: 333633936
Conc: 59.32 ng/ml



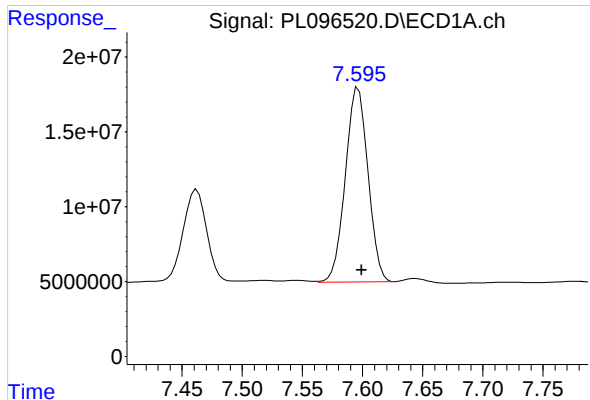
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 89642226
Conc: 56.90 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 172582871
Conc: 56.81 ng/ml



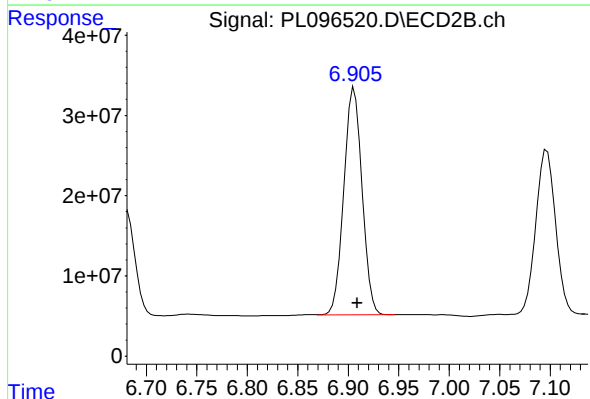
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 170344651
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

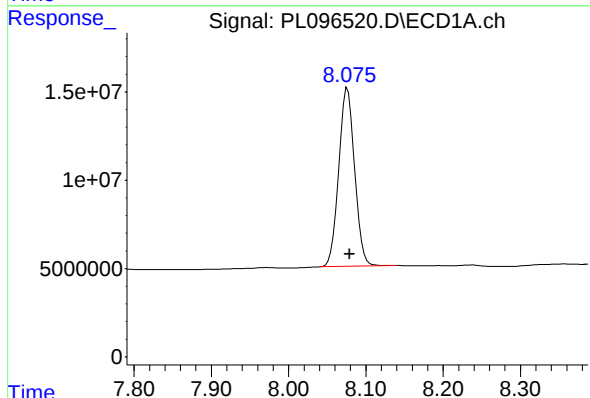
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



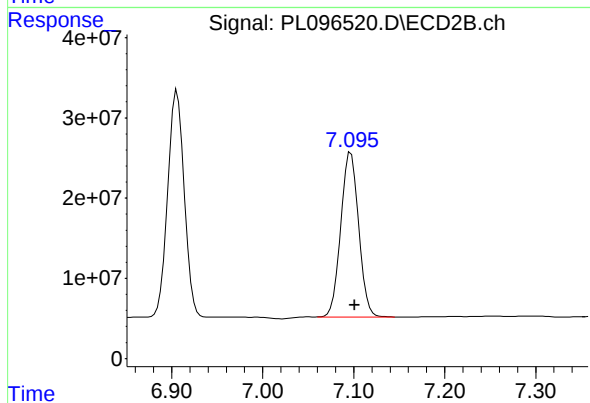
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.004 min
Response: 356197973
Conc: 56.97 ng/ml



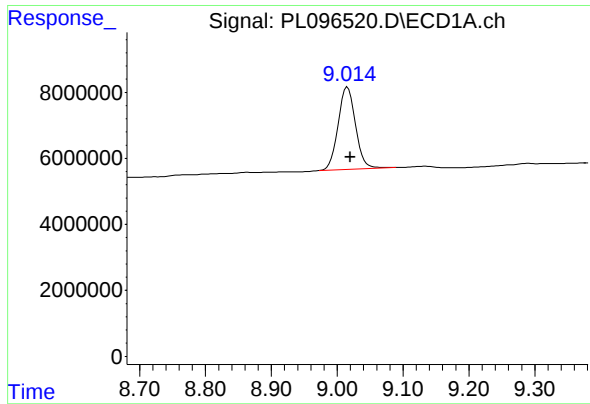
#22 Mirex

R.T.: 8.076 min
Delta R.T.: -0.002 min
Response: 143702871
Conc: 51.65 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 280827624
Conc: 56.53 ng/ml



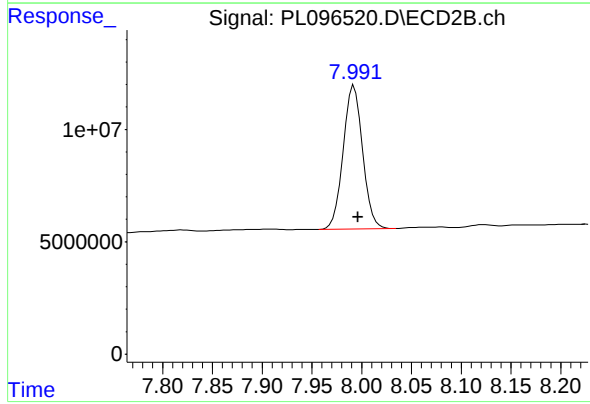
#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.004 min
Response: 45984673
Conc: 16.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 86871907
Conc: 17.42 ng/ml