

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
 Data File : PL095190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 12:47
 Operator : AR\AJ
 Sample : PB167535BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167535BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/14/2025
 Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:10:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	2.767	51851187	67637902	18.318	18.950
28) SA Decachlor...	9.047	7.897	53006122	97260163	25.152	24.078
Target Compounds						
2) A alpha-BHC	3.990	3.269	214.5E6	325.1E6	51.656	60.299
3) MA gamma-BHC...	4.323	3.598	204.3E6	303.0E6	51.205	58.956
4) MA Heptachlor	4.910	3.935	193.4E6	291.7E6	49.815	55.363
5) MB Aldrin	5.251	4.215	186.6E6	272.4E6	50.540	55.866
6) B beta-BHC	4.522	3.899	93055727	128.0E6	50.431	57.641
7) B delta-BHC	4.767	4.127	209.0E6	286.0E6	53.675m	57.170
8) B Heptachlo...	5.678	4.717	171.9E6	254.5E6	51.381	55.586
9) A Endosulfan I	6.063	5.086	165.8E6	239.2E6	53.988	54.506
10) B gamma-Chl...	5.934	4.967	177.7E6	266.3E6	52.729	55.163
11) B alpha-Chl...	6.013	5.030	175.5E6	261.7E6	53.235	54.835
12) B 4,4'-DDE	6.187	5.217	175.1E6	267.0E6	59.525	57.428m
13) MA Dieldrin	6.339	5.348	176.8E6	270.2E6	55.276	55.697m
14) MA Endrin	6.569	5.626	140.6E6	239.9E6	50.714	54.988
15) B Endosulfa...	6.789	5.920	151.7E6	242.2E6	55.876	55.949
16) A 4,4'-DDD	6.705	5.773	138.8E6	221.9E6	64.058	61.719
17) MA 4,4'-DDT	7.018	6.023	139.2E6	231.6E6	58.512	57.447
18) B Endrin al...	6.919	6.100	119.4E6	190.0E6	56.562	56.470
19) B Endosulfa...	7.154	6.323	132.7E6	235.2E6	54.554	57.734
20) A Methoxychlor	7.494	6.598	69345271	124.5E6	57.929m	58.709
21) B Endrin ke...	7.638	6.826	152.4E6	288.8E6	57.672	60.510m
22) Mirex	8.110	7.005	107.4E6	202.8E6	51.990	53.426m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
Data File : PL095190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 12:47
Operator : AR\AJ
Sample : PB167535BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167535BS

Manual Integrations

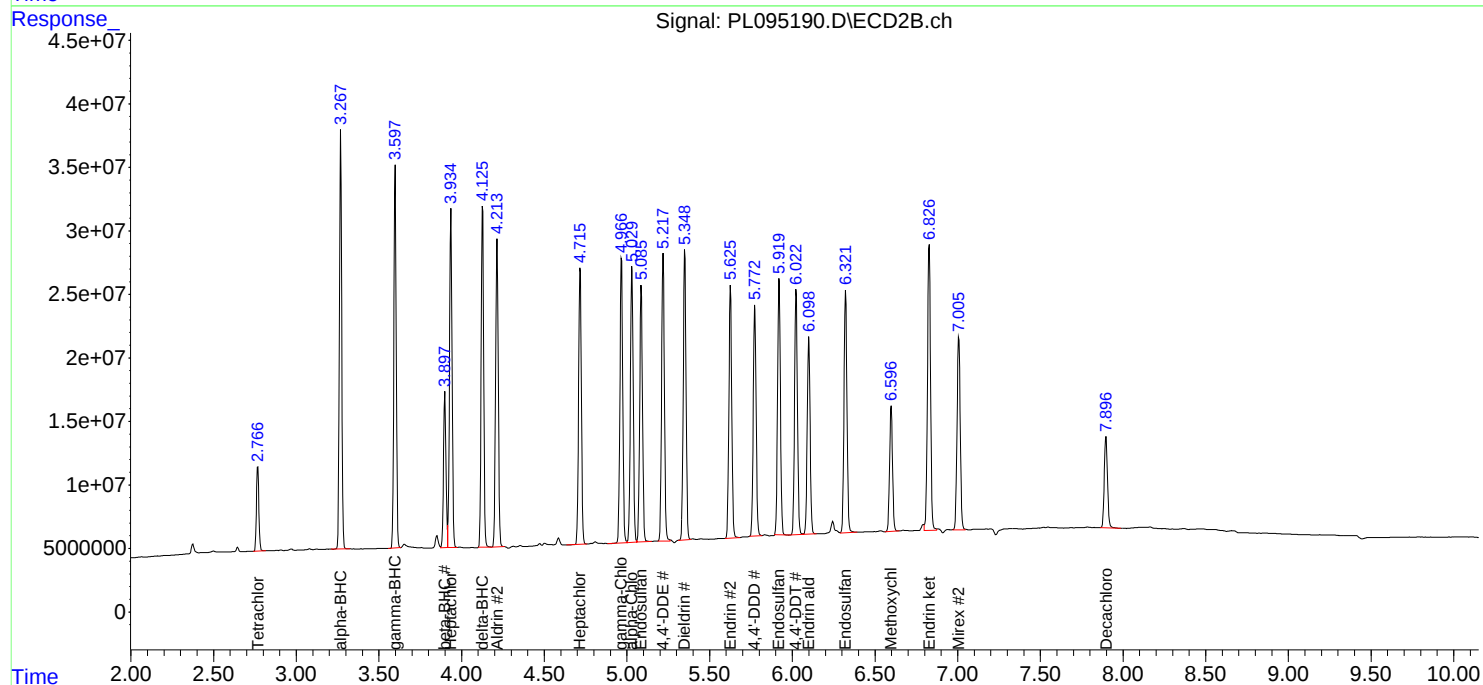
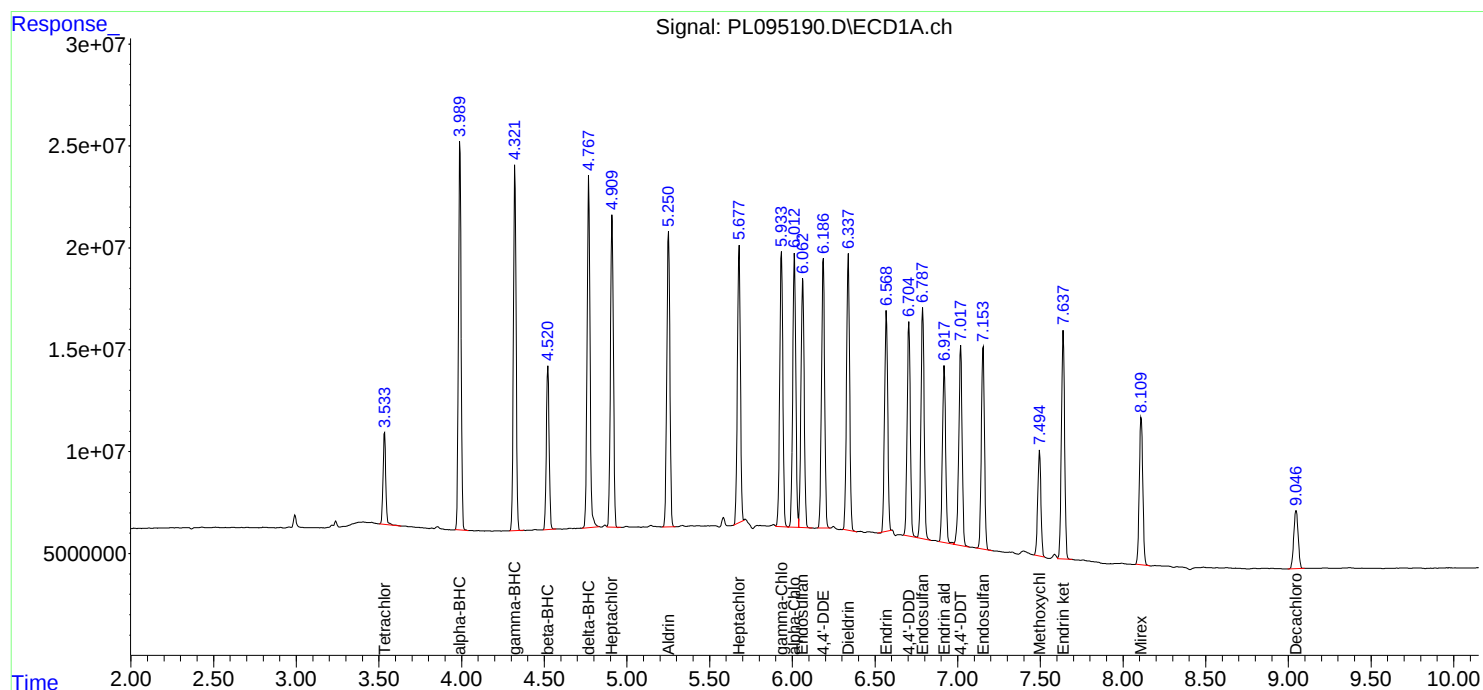
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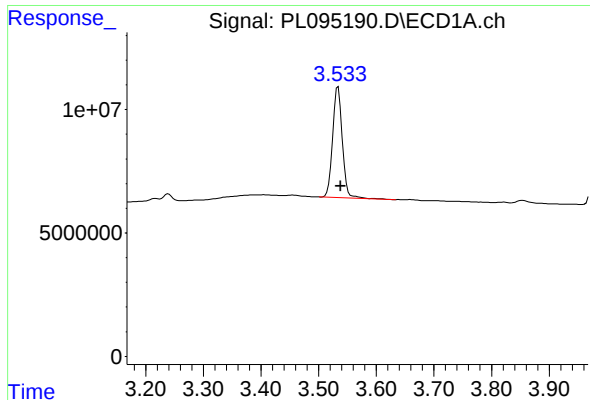
Reviewed By :Abdul Mirza 04/14/2025

Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:10:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





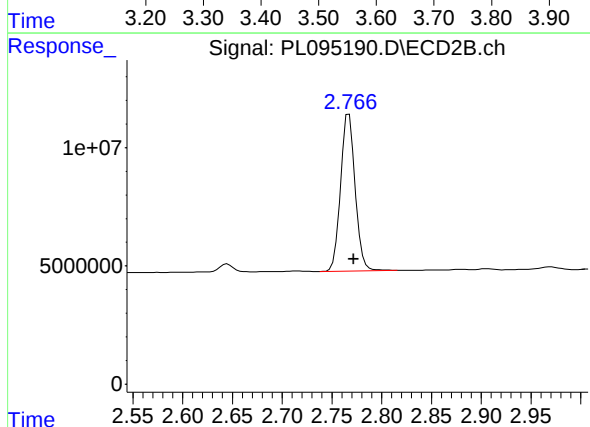
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 51851187
Conc: 18.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

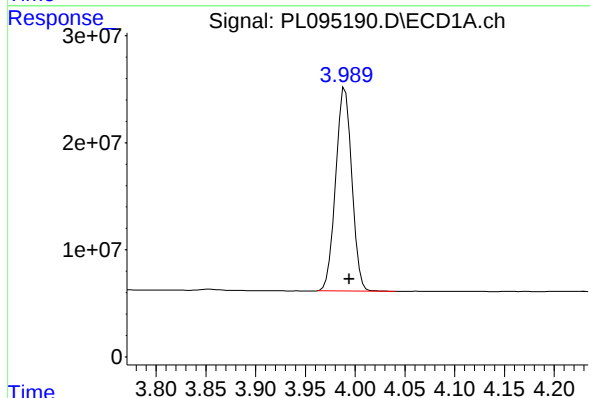
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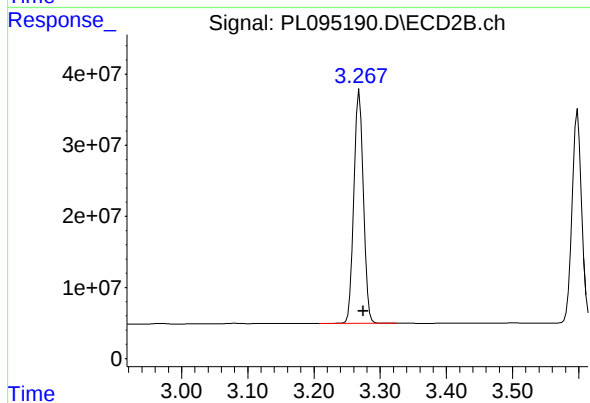
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 67637902
Conc: 18.95 ng/ml



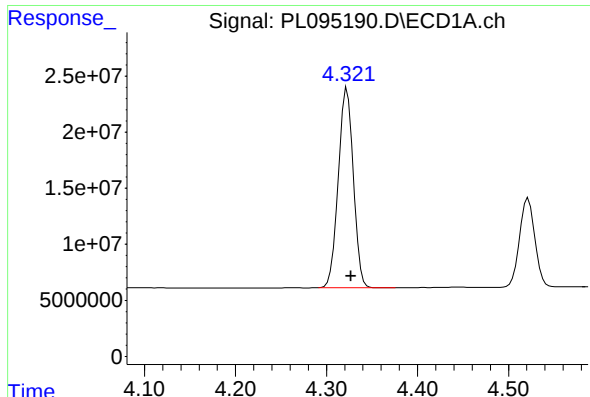
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 214493143
Conc: 51.66 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.006 min
Response: 325094837
Conc: 60.30 ng/ml



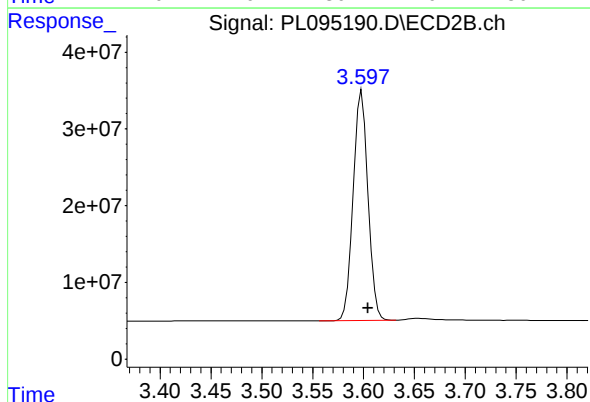
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 204323490
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

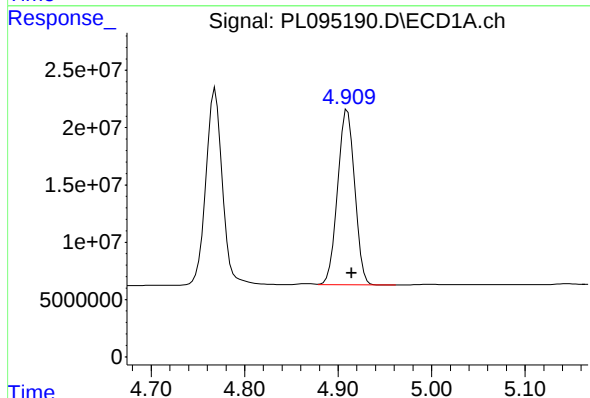
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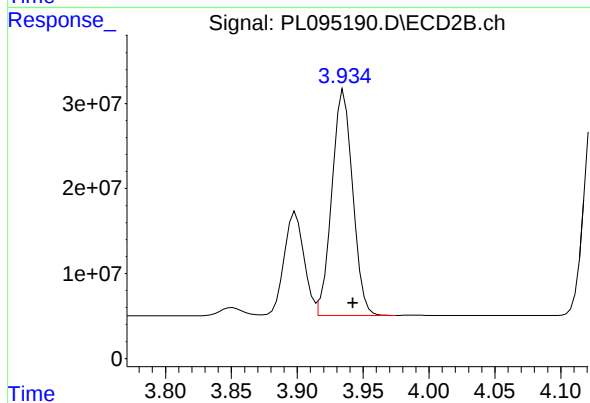
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 303002216
Conc: 58.96 ng/ml



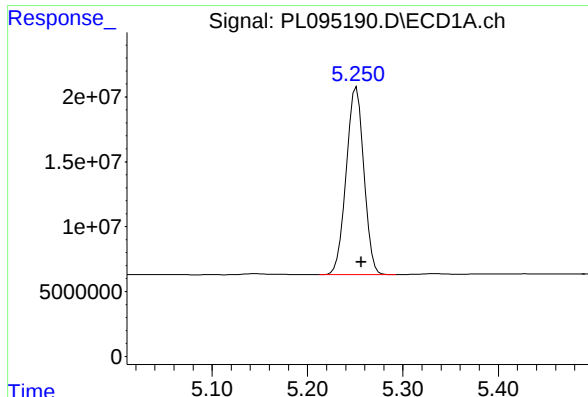
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 193365082
Conc: 49.82 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 291688674
Conc: 55.36 ng/ml



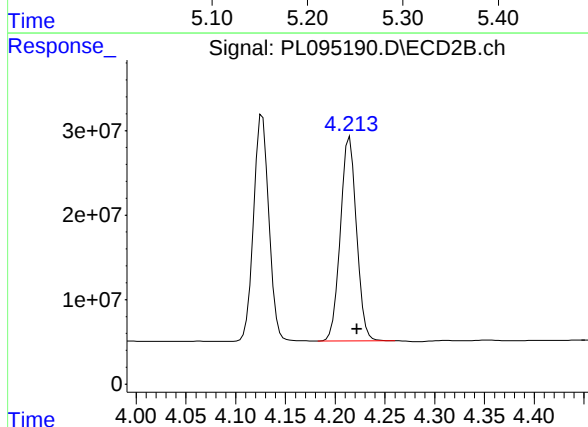
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 186603225
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

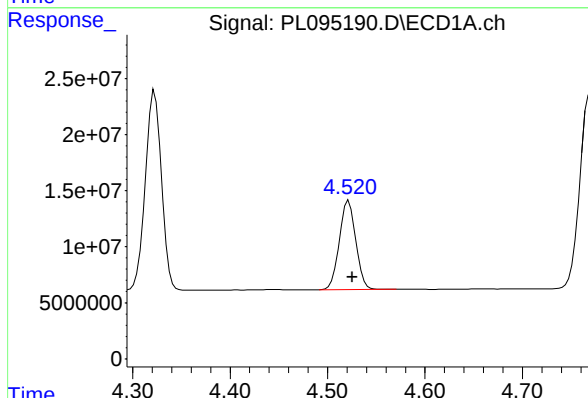
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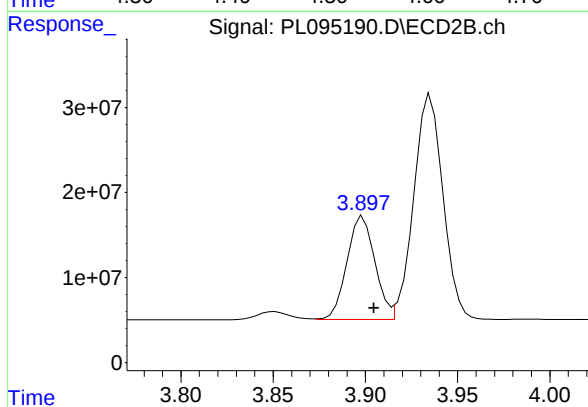
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.007 min
Response: 272420128
Conc: 55.87 ng/ml



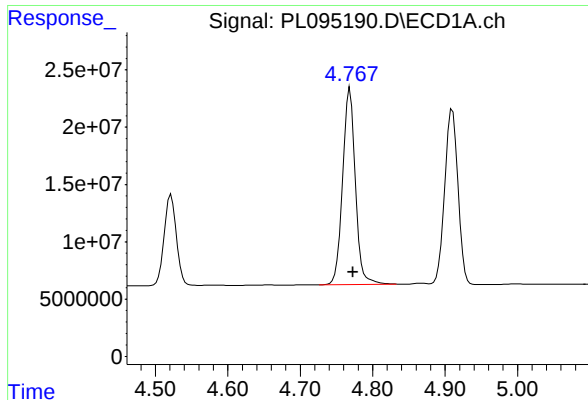
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 93055727
Conc: 50.43 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 128036834
Conc: 57.64 ng/ml



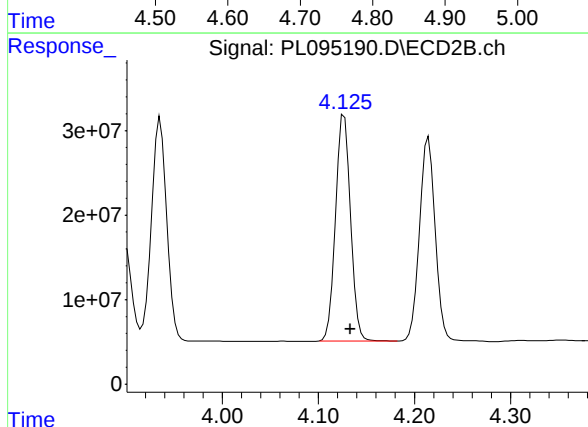
#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: -0.006 min
Response: 209026721
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

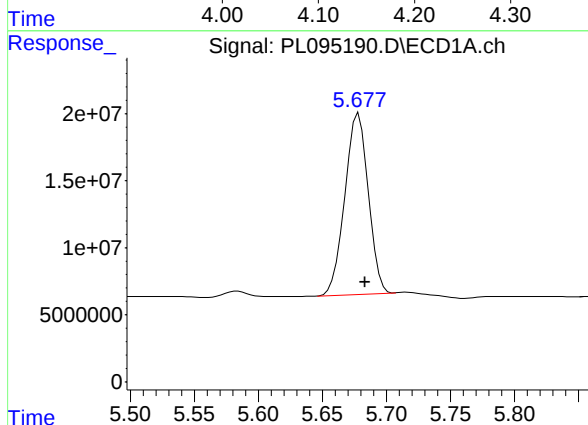
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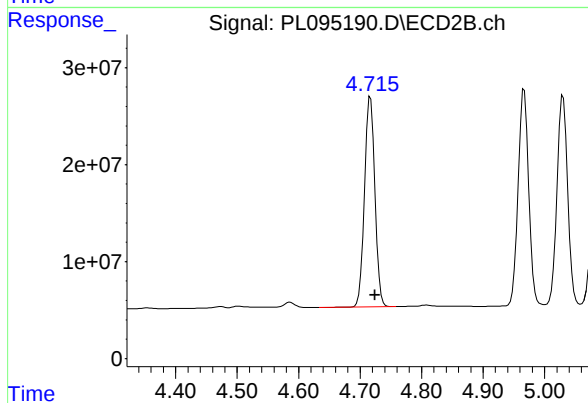
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 285964292
Conc: 57.17 ng/ml



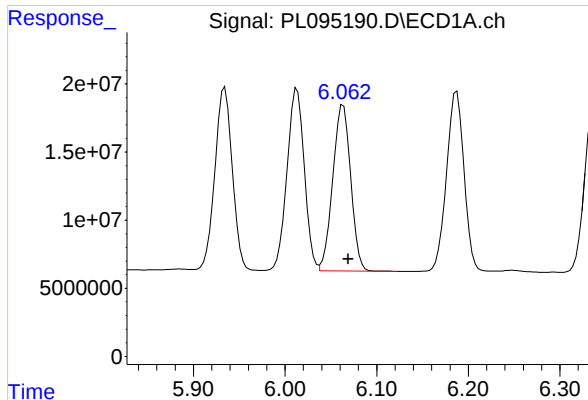
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 171877960
Conc: 51.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 254507116
Conc: 55.59 ng/ml



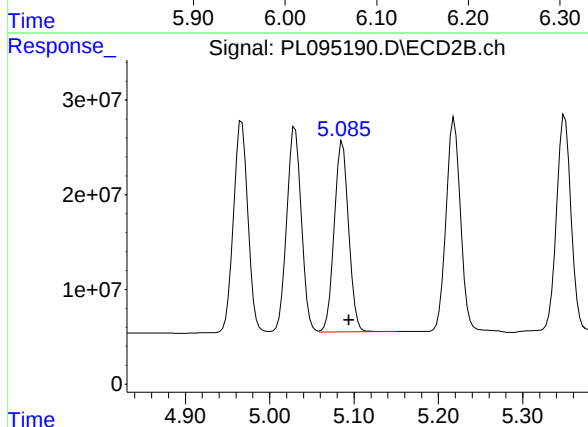
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 165753176
Conc: 53.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

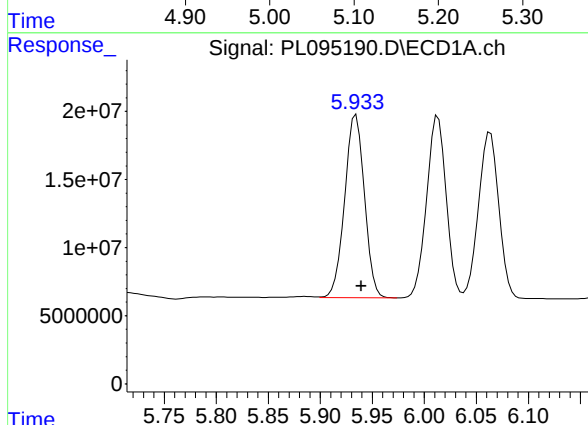
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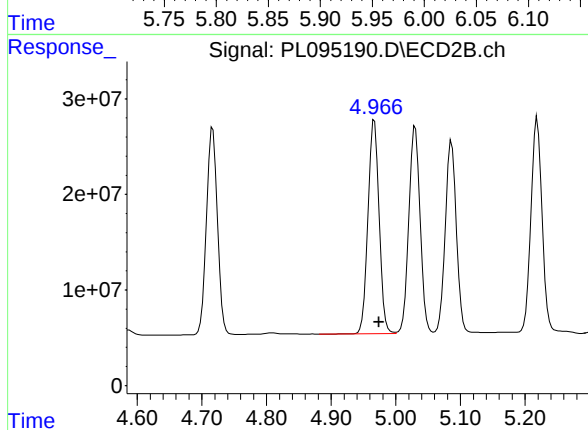
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: -0.008 min
Response: 239212852
Conc: 54.51 ng/ml



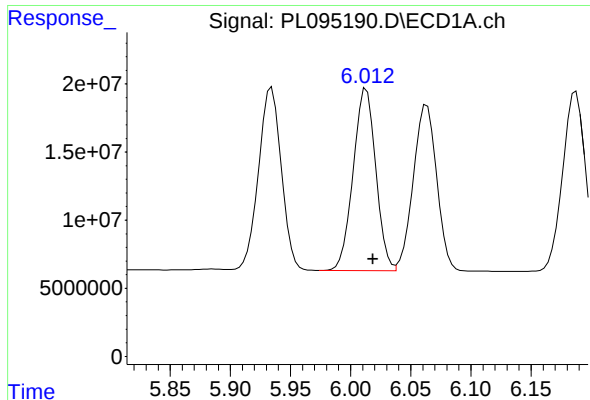
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.005 min
Response: 177664008
Conc: 52.73 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 266349699
Conc: 55.16 ng/ml



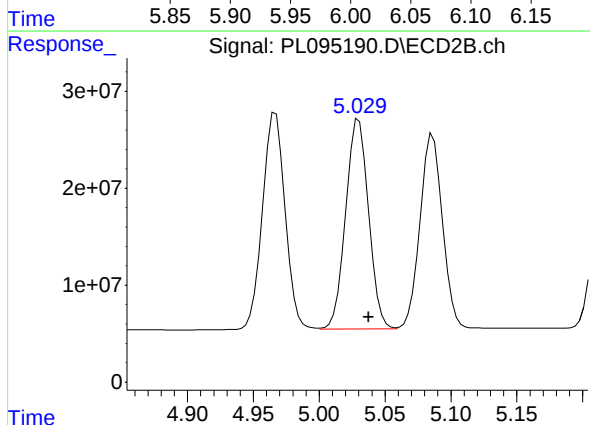
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 175506077
Conc: 53.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

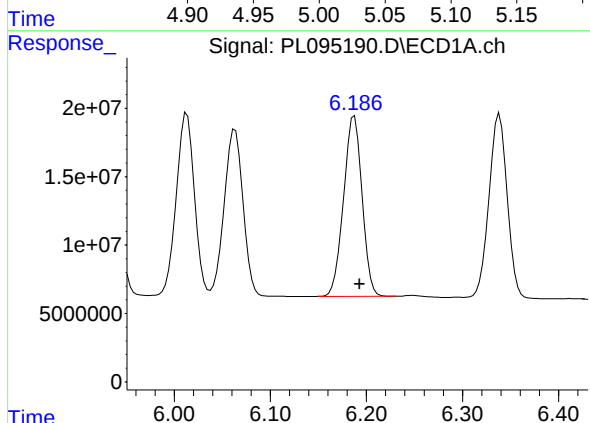
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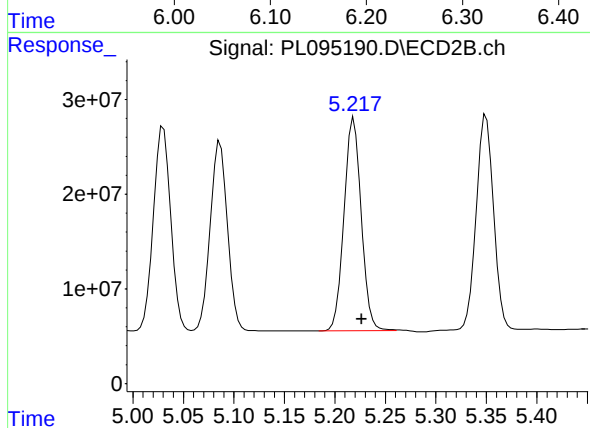
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: -0.008 min
Response: 261712854
Conc: 54.83 ng/ml



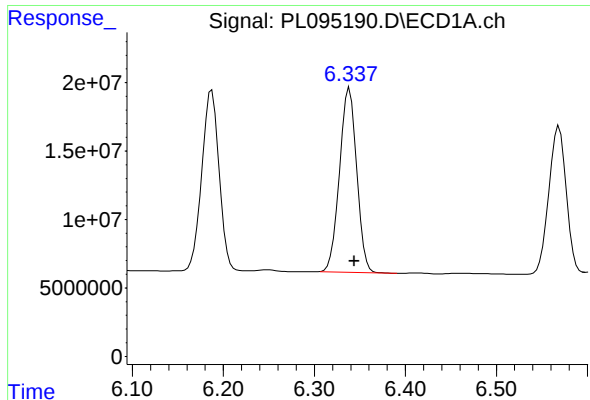
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 175126725
Conc: 59.53 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.009 min
Response: 266957001
Conc: 57.43 ng/ml m



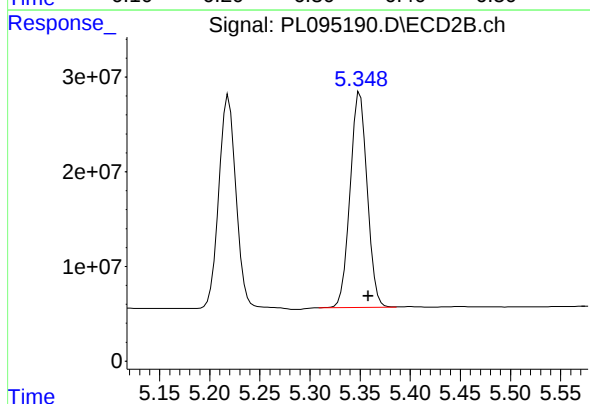
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 176780215
Conc: 55.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

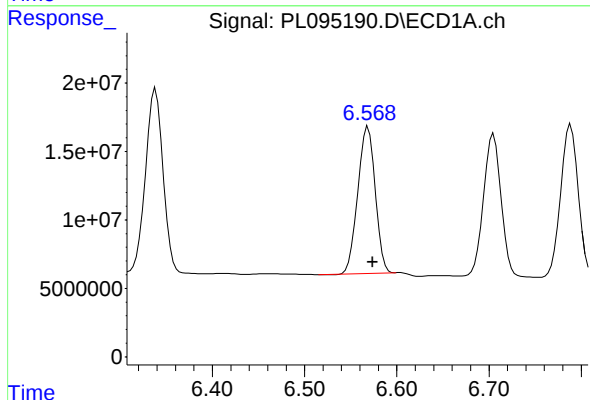
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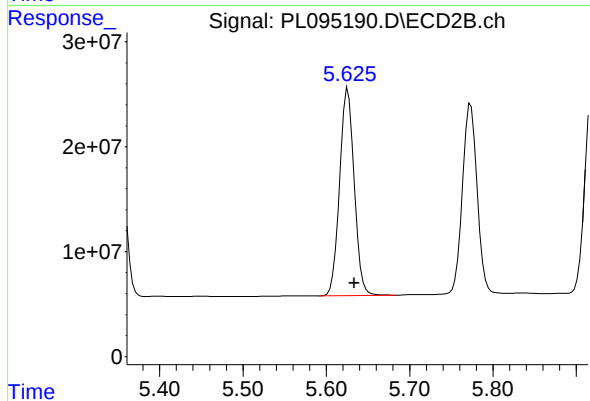
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.010 min
Response: 270230588
Conc: 55.70 ng/ml



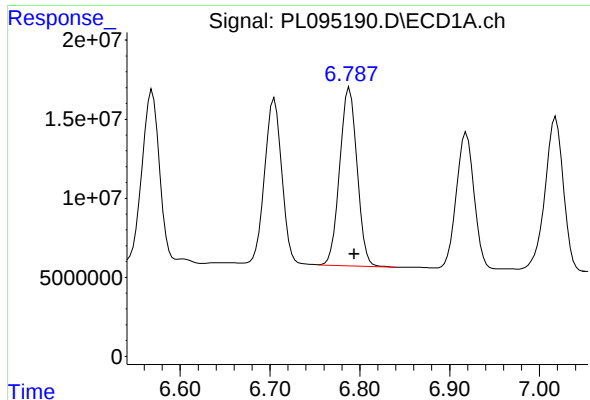
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 140582649
Conc: 50.71 ng/ml



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.008 min
Response: 239946615
Conc: 54.99 ng/ml



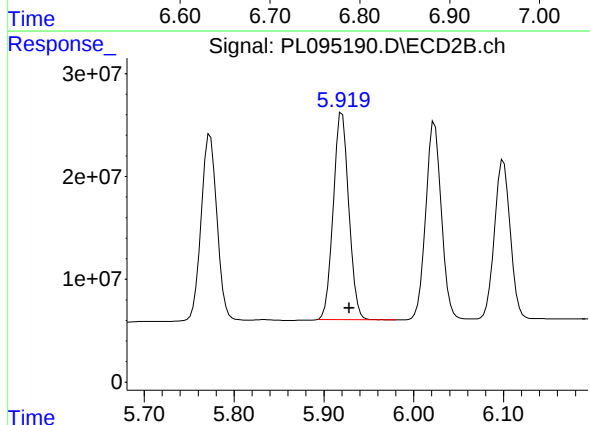
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 151688139
Conc: 55.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

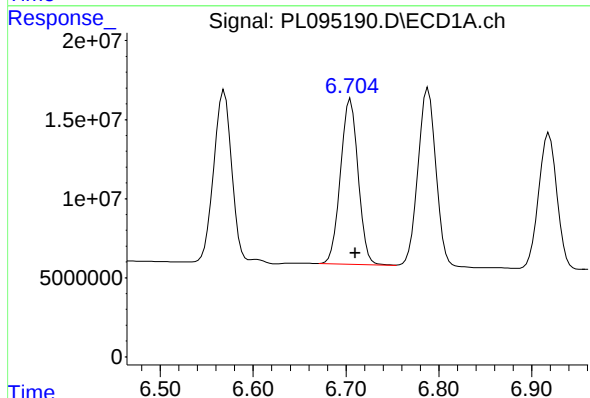
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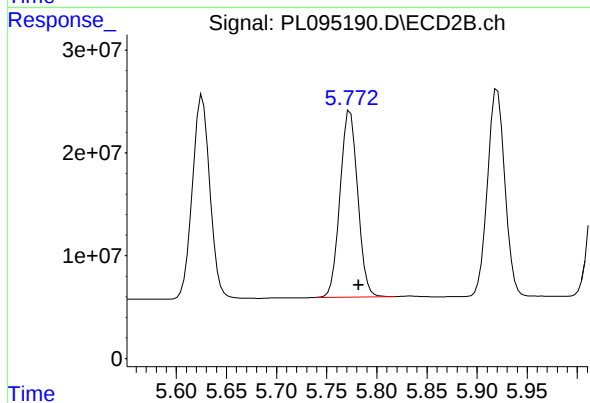
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.008 min
Response: 242160134
Conc: 55.95 ng/ml



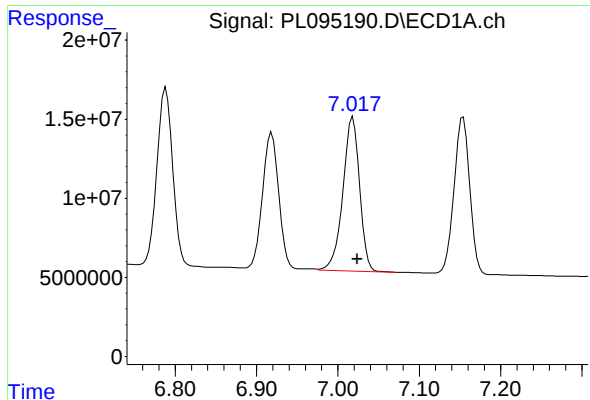
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 138753623
Conc: 64.06 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 221933766
Conc: 61.72 ng/ml



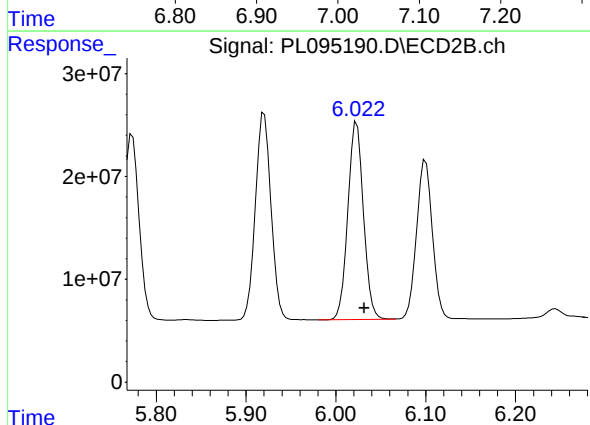
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.005 min
Response: 139172739
Conc: 58.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

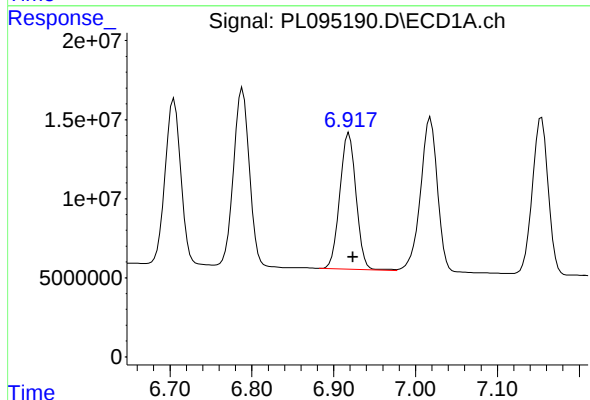
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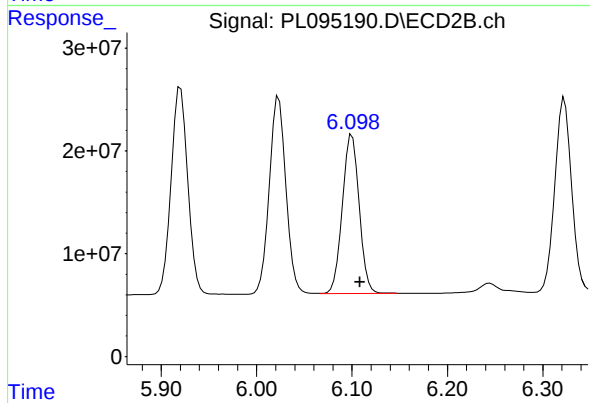
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 231632632
Conc: 57.45 ng/ml



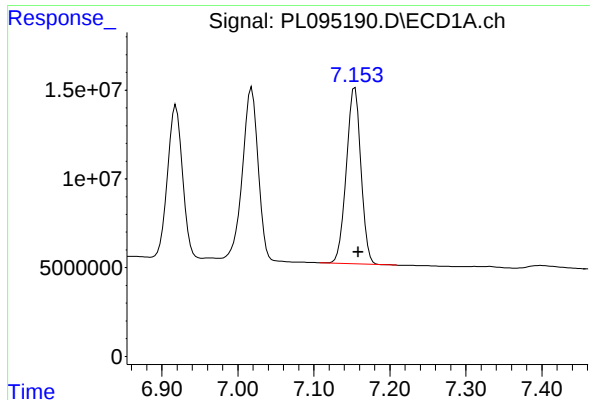
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 119400890
Conc: 56.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 190040834
Conc: 56.47 ng/ml



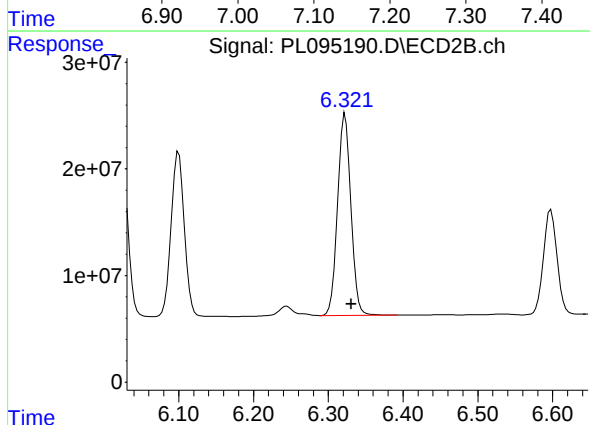
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 132677013
Conc: 54.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

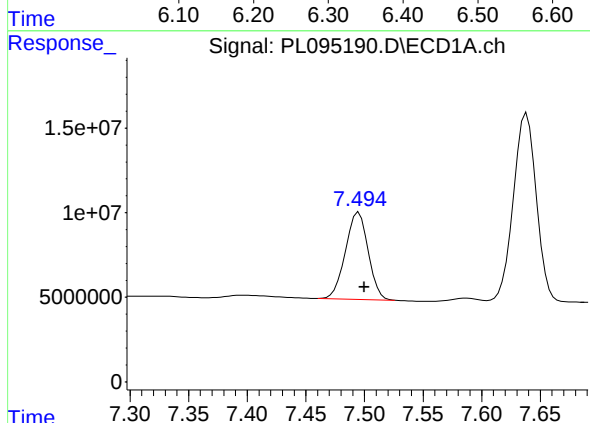
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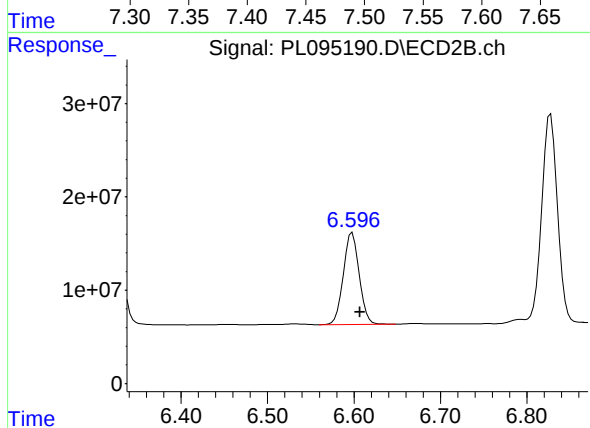
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.008 min
Response: 235177705
Conc: 57.73 ng/ml



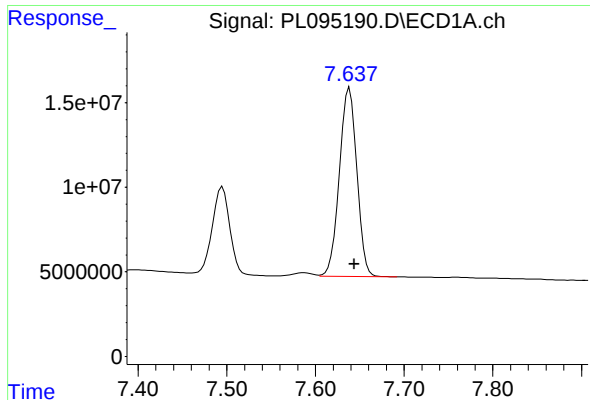
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.006 min
Response: 69345271
Conc: 57.93 ng/ml m



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.009 min
Response: 124525097
Conc: 58.71 ng/ml



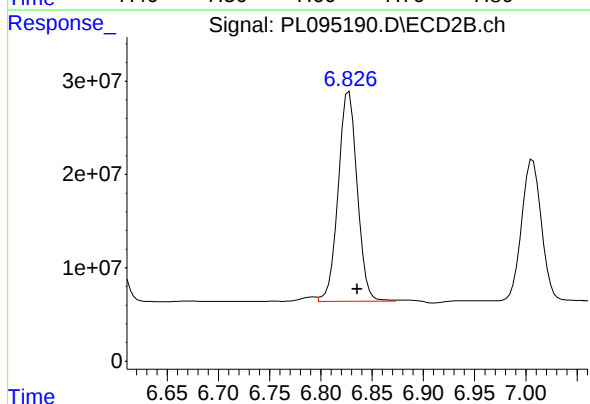
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.005 min
Response: 152441938
Conc: 57.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

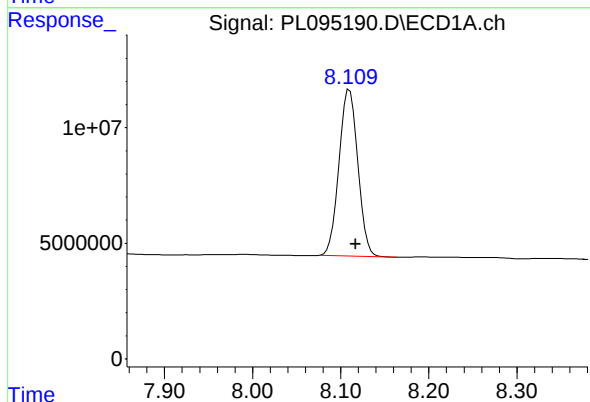
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



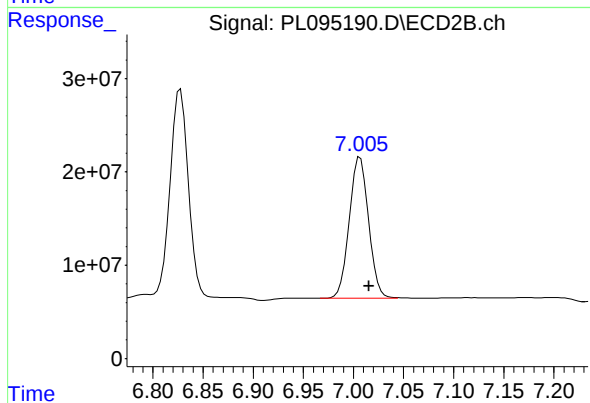
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 288786845
Conc: 60.51 ng/ml m



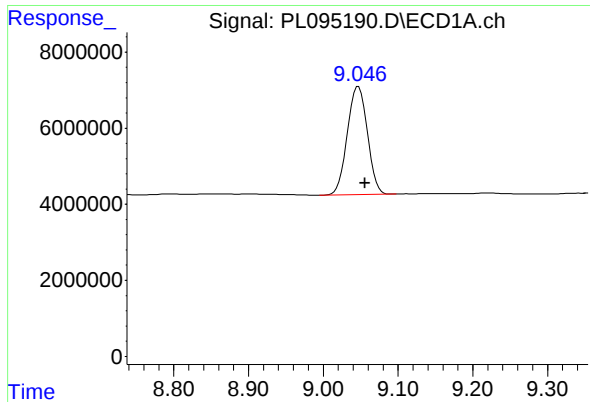
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 107426743
Conc: 51.99 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.010 min
Response: 202767907
Conc: 53.43 ng/ml m



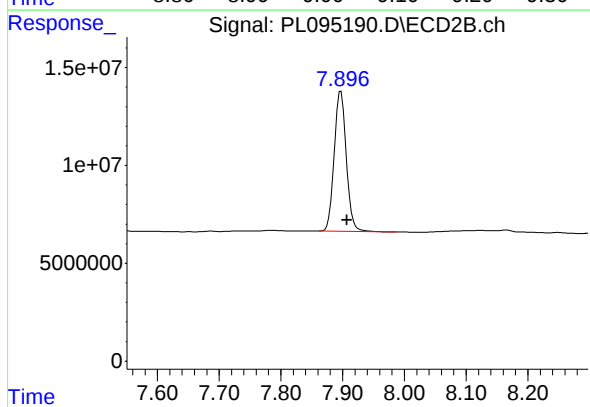
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.009 min
Response: 53006122
Conc: 25.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.010 min
Response: 97260163
Conc: 24.08 ng/ml