

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040725\
 Data File : PL095067.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2025 18:32
 Operator : AR\AJ
 Sample : Q1730-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU4-VSL-15-040325MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/08/2025
 Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 02:21:16 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	2.769	50174236	64182769	17.725m	17.982
28) SA Decachlor...	9.051	7.901	41876186	71340144	19.870	17.661
Target Compounds						
2) A alpha-BHC	3.992	3.271	196.6E6	286.7E6	47.347	53.177
3) MA gamma-BHC...	4.324	3.600	190.4E6	267.1E6	47.709	51.968
4) MA Heptachlor	4.912	3.937	180.1E6	256.5E6	46.409	48.690
5) MB Aldrin	5.253	4.217	177.3E6	247.1E6	48.030	50.667
6) B beta-BHC	4.523	3.901	88212211	115.7E6	47.806	52.094
7) B delta-BHC	4.770	4.129	188.9E6	248.0E6	48.497	49.572
8) B Heptachlo...	5.680	4.719	165.7E6	231.8E6	49.547	50.622
9) A Endosulfan I	6.065	5.088	157.3E6	224.6E6	51.220	51.187
10) B gamma-Chl...	5.936	4.968	168.4E6	244.7E6	49.971	50.686
11) B alpha-Chl...	6.015	5.032	167.8E6	242.1E6	50.900	50.721
12) B 4,4'-DDE	6.189	5.221	166.6E6	245.7E6	56.614	52.859
13) MA Dieldrin	6.341	5.352	167.8E6	247.2E6	52.483	50.959
14) MA Endrin	6.571	5.627	134.0E6	221.3E6	48.337	50.723m
15) B Endosulfa...	6.791	5.923	146.1E6	225.2E6	53.810	52.032
16) A 4,4'-DDD	6.705	5.776	136.1E6	207.8E6	62.842m	57.788
17) MA 4,4'-DDT	7.020	6.026	122.2E6	202.7E6	51.359	50.267
18) B Endrin al...	6.921	6.102	111.9E6	173.1E6	53.004	51.426
19) B Endosulfa...	7.156	6.325	126.9E6	214.2E6	52.166	52.583
20) A Methoxychlor	7.498	6.601	62305902	109.5E6	52.049	51.627
21) B Endrin ke...	7.641	6.830	143.7E6	262.7E6	54.382	55.036
22) Mirex	8.113	7.010	100.4E6	192.8E6	48.610	50.787

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040725\
Data File : PL095067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Apr 2025 18:32
Operator : AR\AJ
Sample : Q1730-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

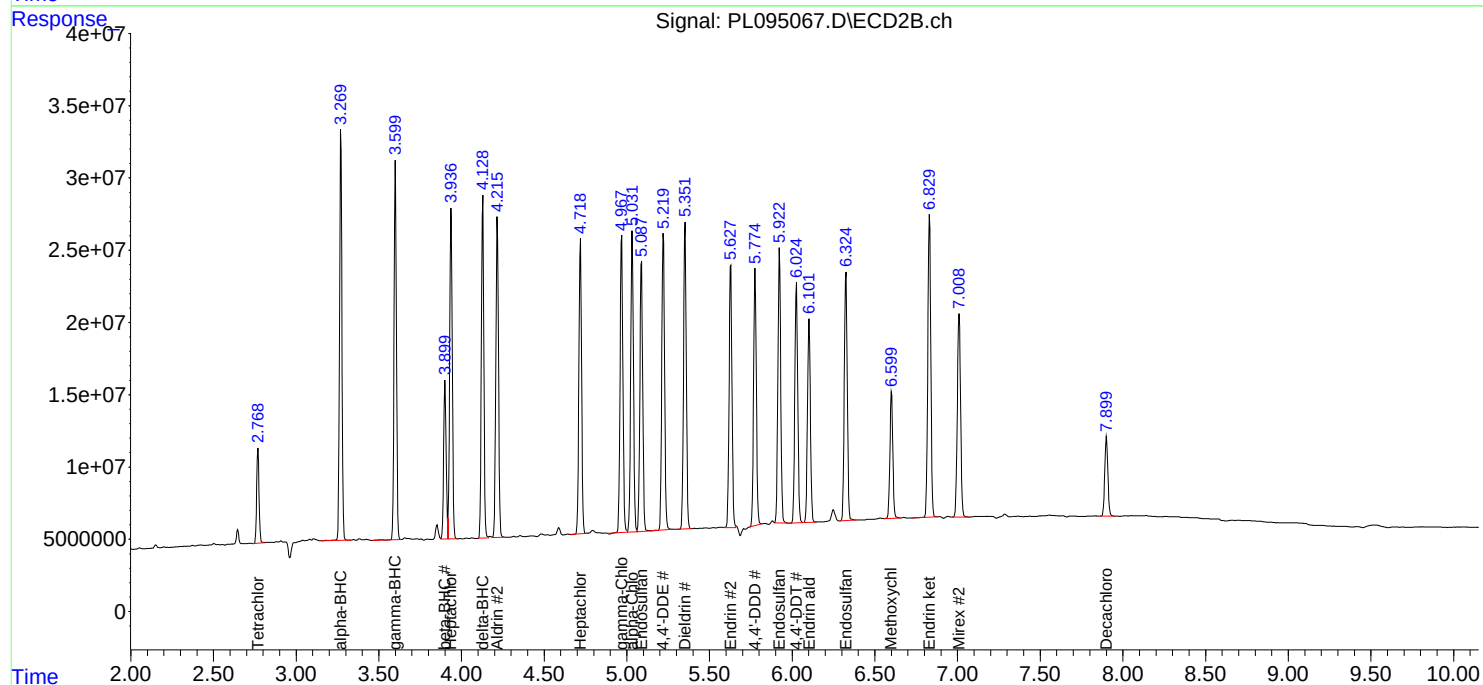
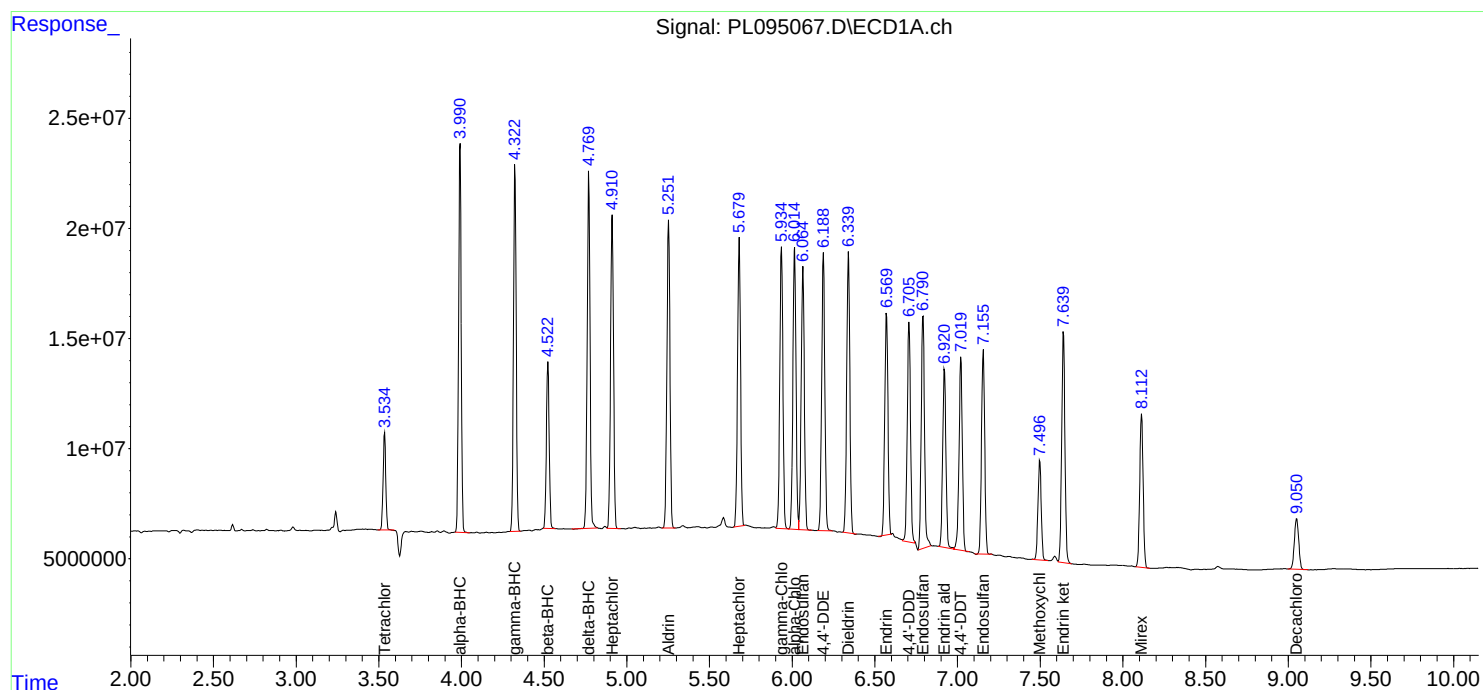
Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

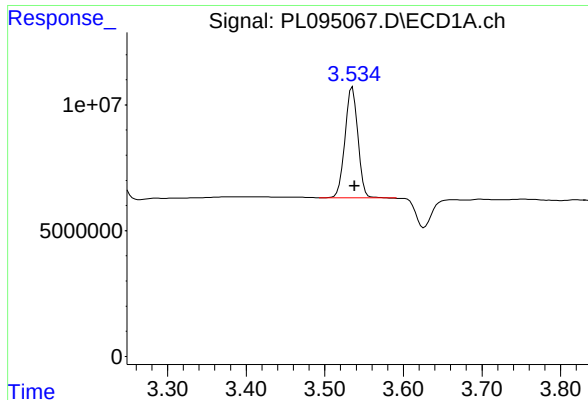
Manual Integrations
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Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 02:21:16 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





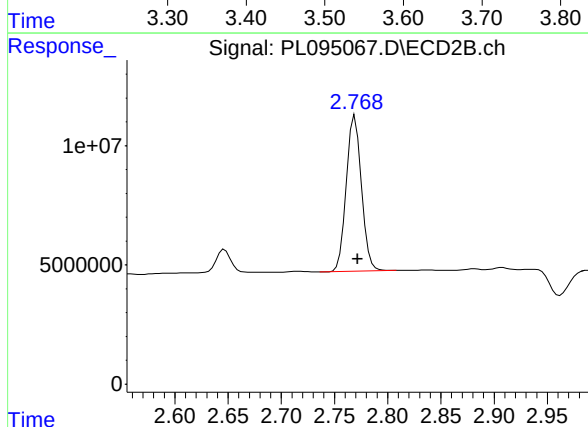
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 50174236
Conc: 17.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

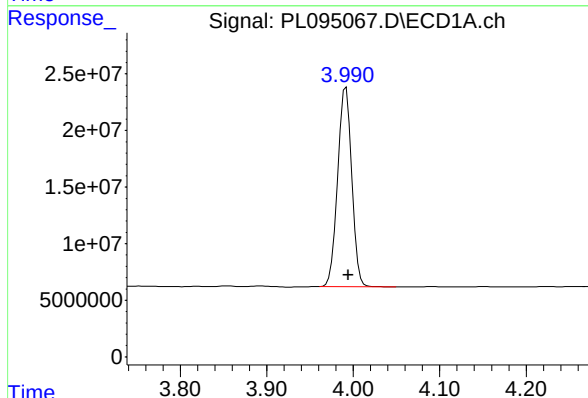
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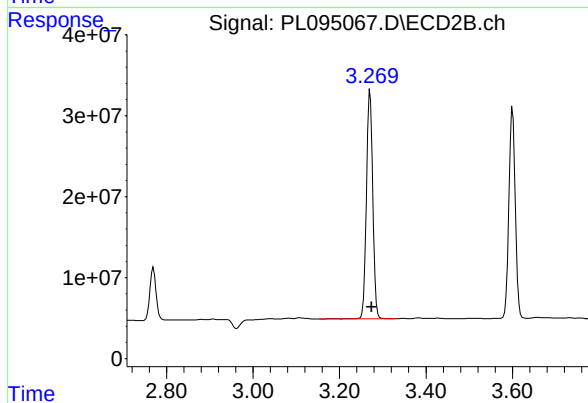
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 64182769
Conc: 17.98 ng/ml



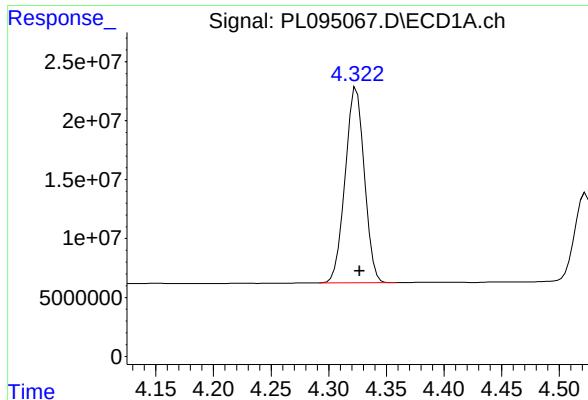
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 196602141
Conc: 47.35 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 286699014
Conc: 53.18 ng/ml



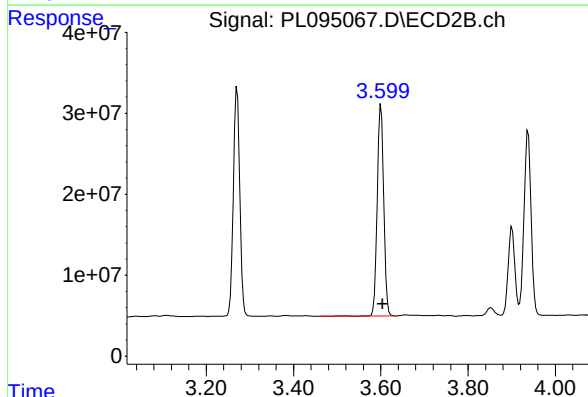
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 190369933
Conc: 47.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

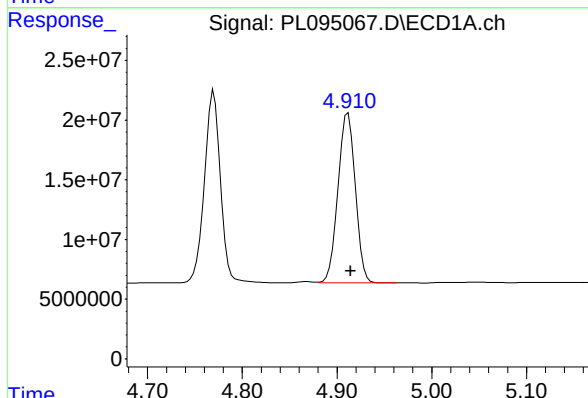
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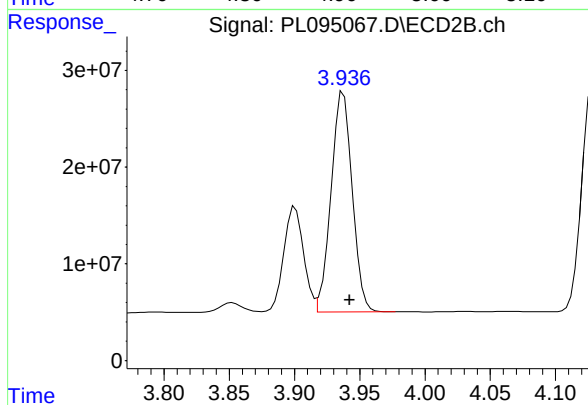
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 267087455
Conc: 51.97 ng/ml



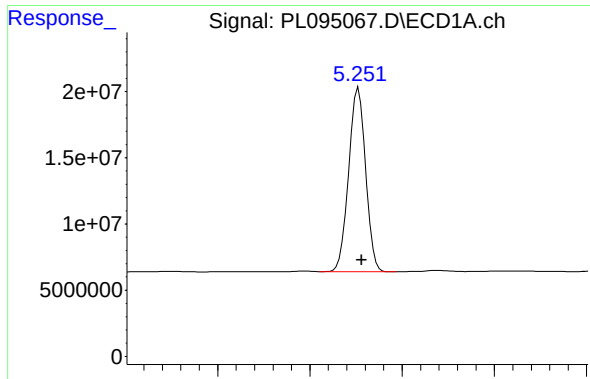
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 180144225
Conc: 46.41 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.005 min
Response: 256528360
Conc: 48.69 ng/ml



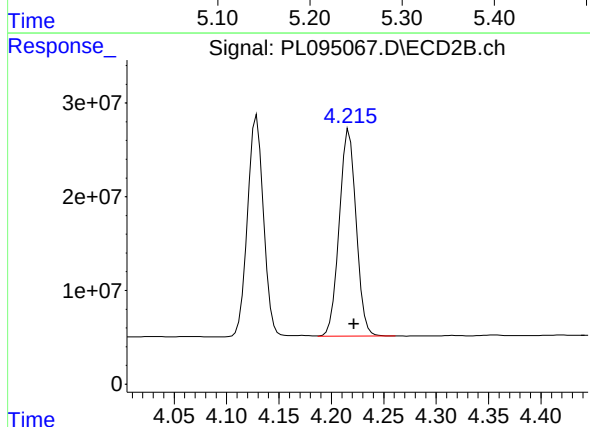
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.004 min
Response: 177335624
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

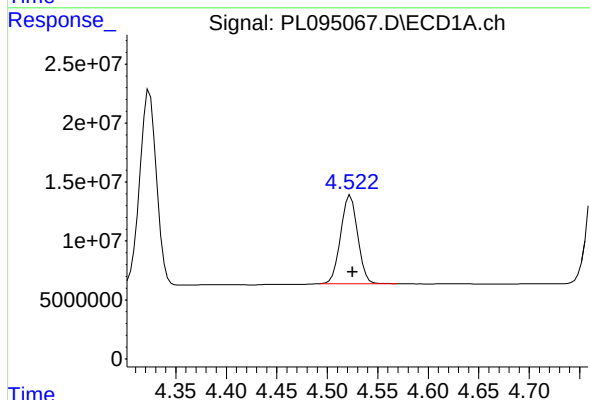
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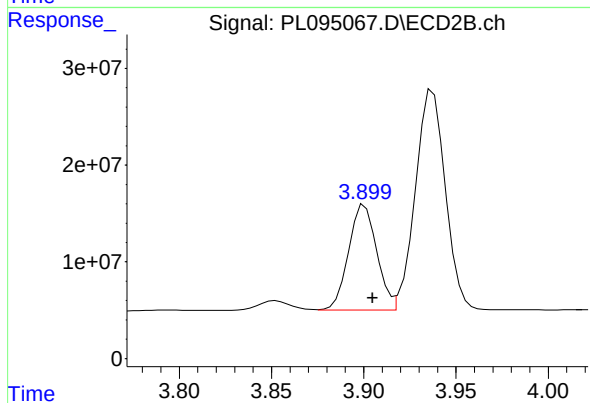
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 247069535
Conc: 50.67 ng/ml



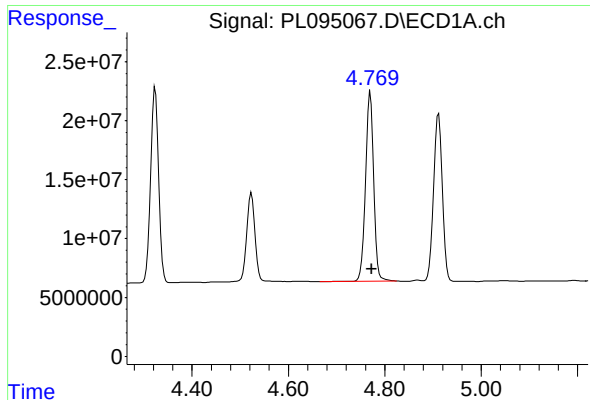
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 88212211
Conc: 47.81 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 115717158
Conc: 52.09 ng/ml



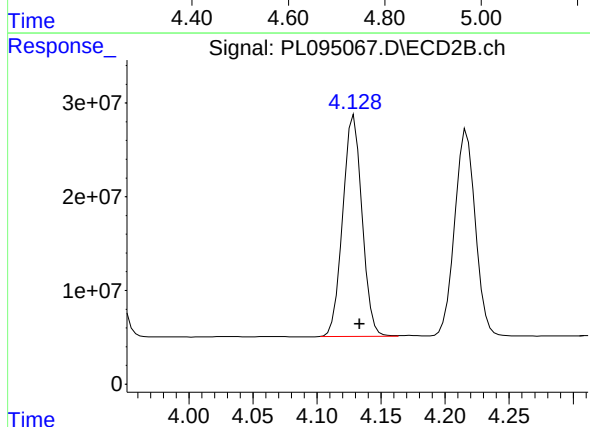
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 188862995
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

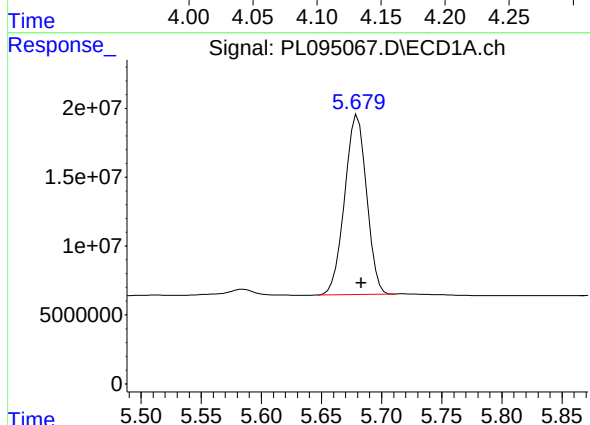
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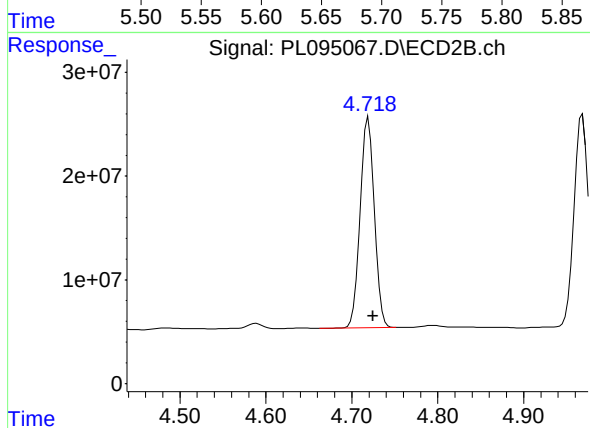
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 247958344
Conc: 49.57 ng/ml



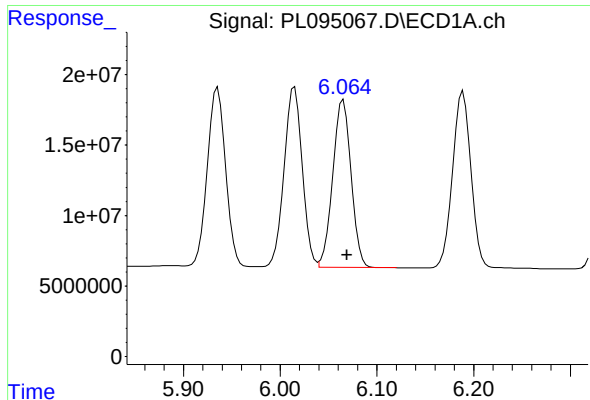
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 165745033
Conc: 49.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 231776067
Conc: 50.62 ng/ml



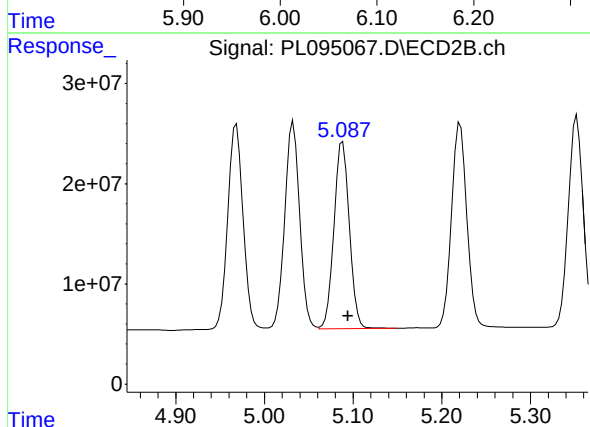
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 157254872
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

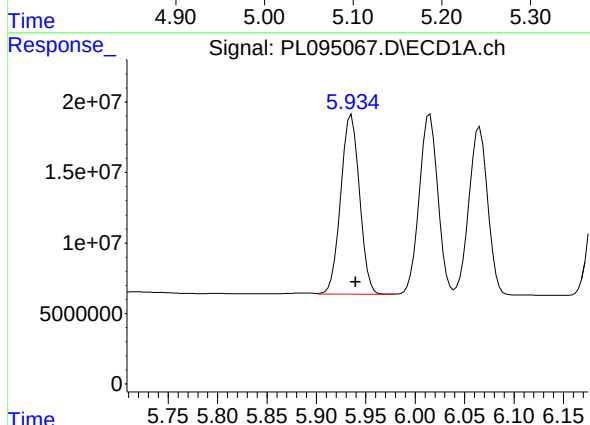
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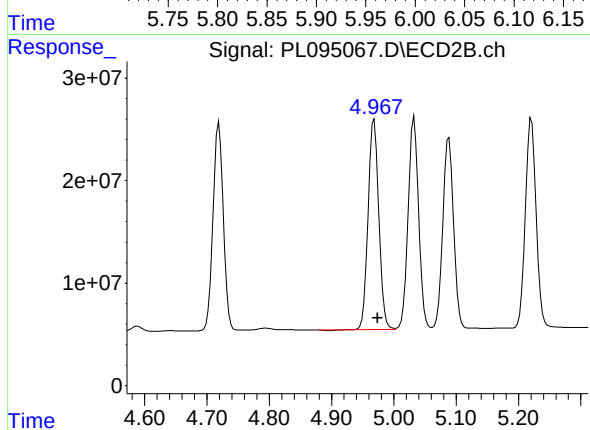
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 224646475
Conc: 51.19 ng/ml



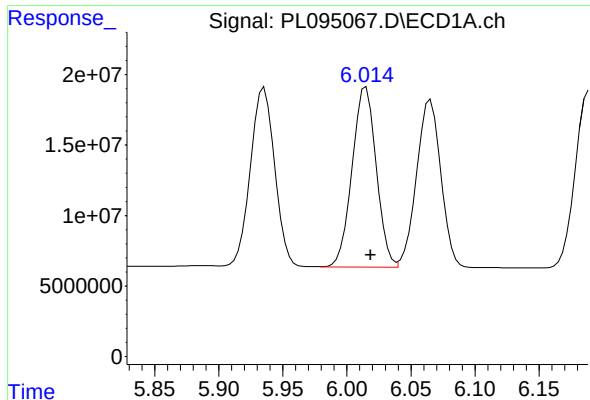
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 168371871
Conc: 49.97 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 244732327
Conc: 50.69 ng/ml



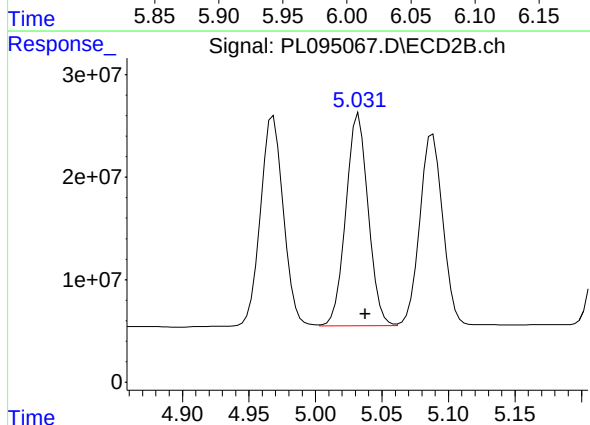
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 167809782
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

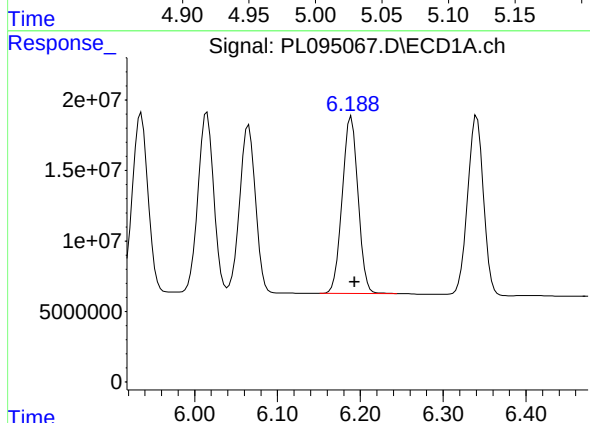
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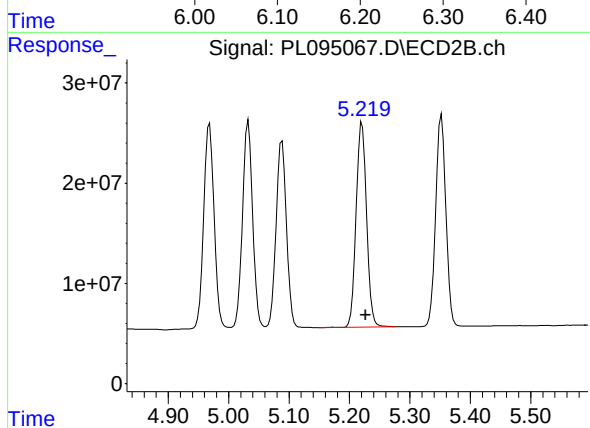
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.005 min
Response: 242081285
Conc: 50.72 ng/ml



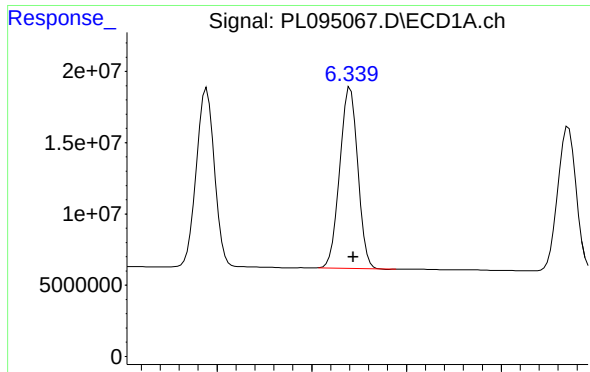
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 166562730
Conc: 56.61 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 245716627
Conc: 52.86 ng/ml



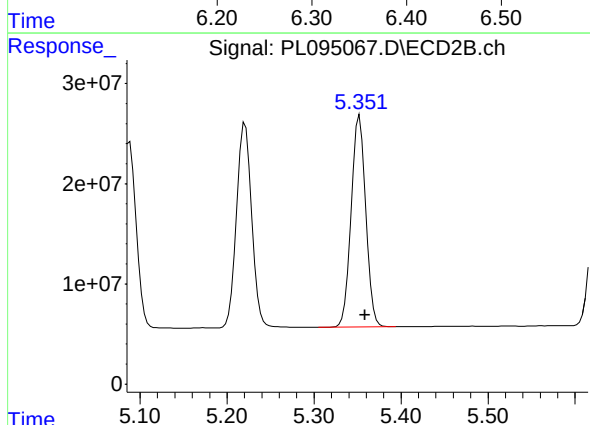
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 167848346
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

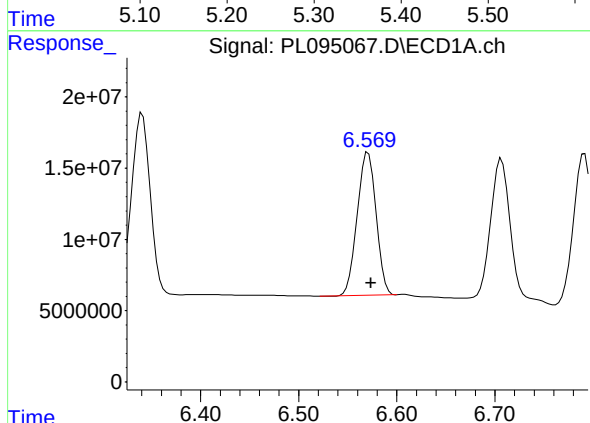
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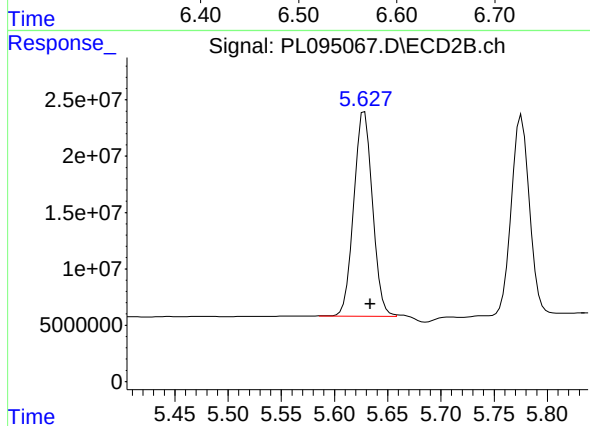
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 247244562
Conc: 50.96 ng/ml



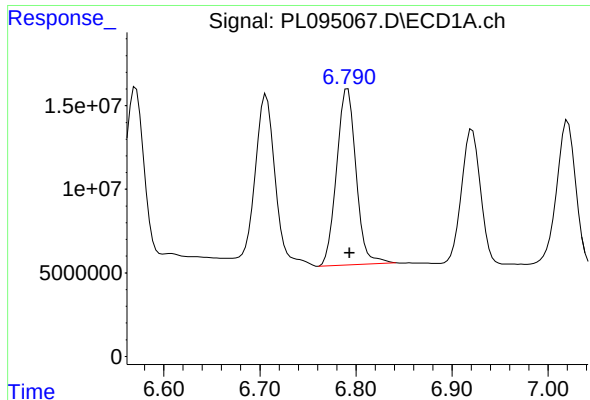
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 133994375
Conc: 48.34 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 221338575
Conc: 50.72 ng/ml m



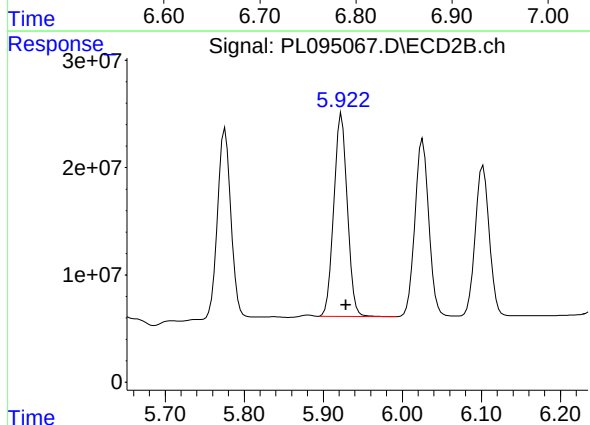
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.002 min
Response: 146081272
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

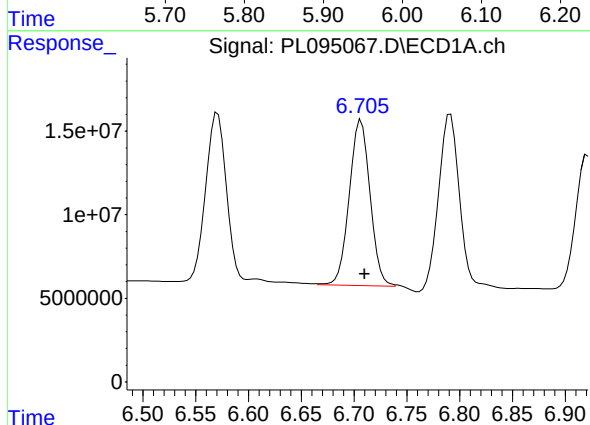
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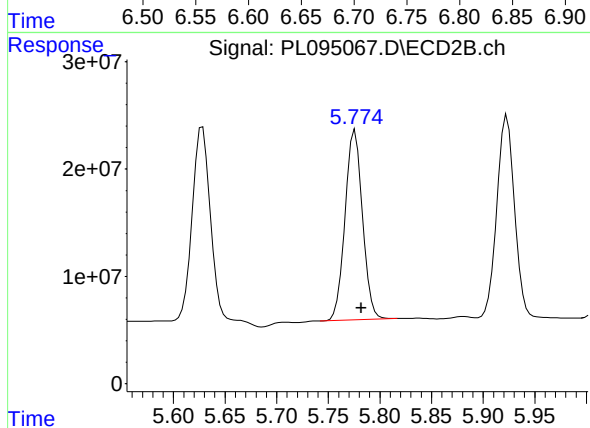
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 225206537
Conc: 52.03 ng/ml



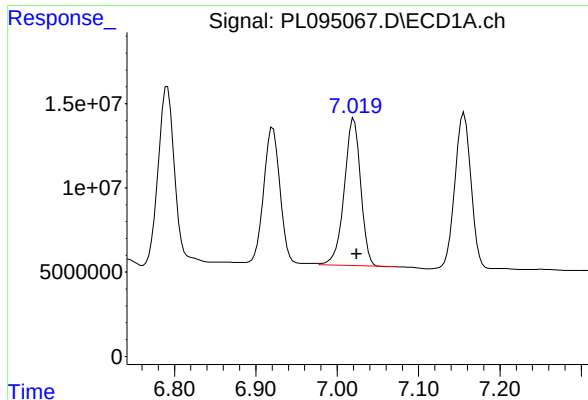
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 136119345
Conc: 62.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 207800266
Conc: 57.79 ng/ml



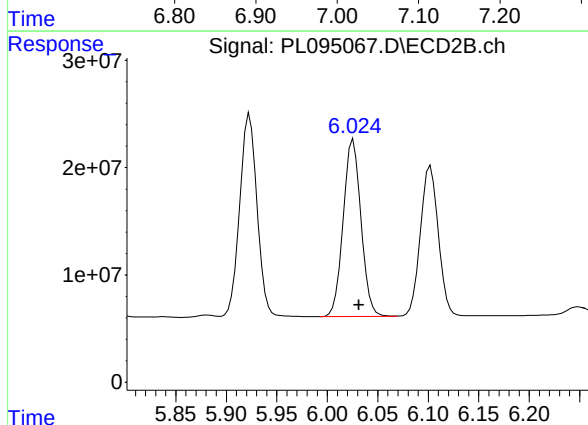
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 122159493
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

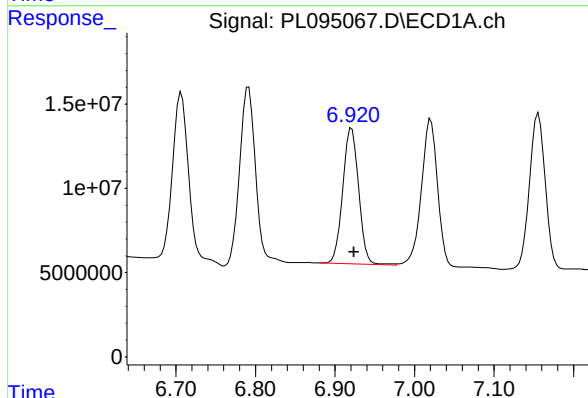
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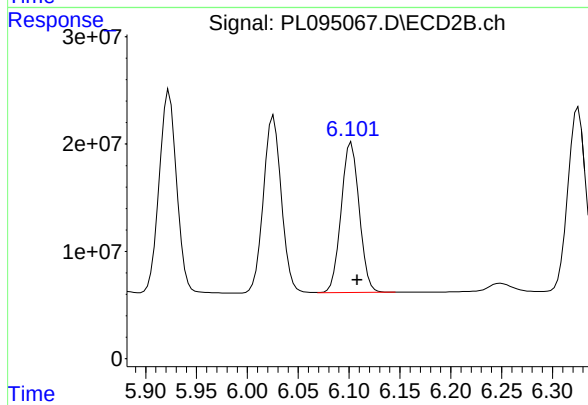
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 202683252
Conc: 50.27 ng/ml



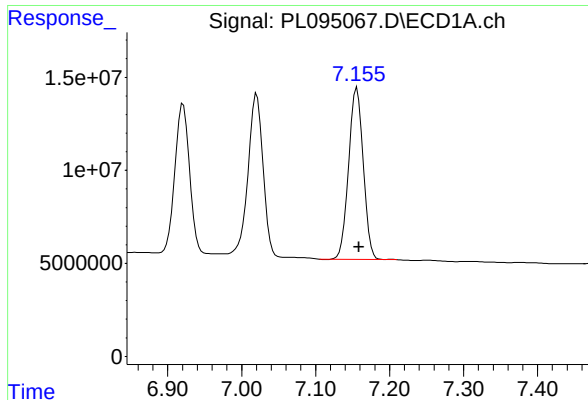
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 111891605
Conc: 53.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 173067593
Conc: 51.43 ng/ml



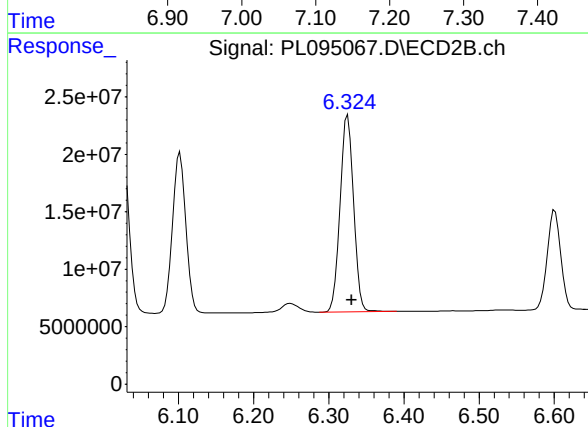
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 126868573
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

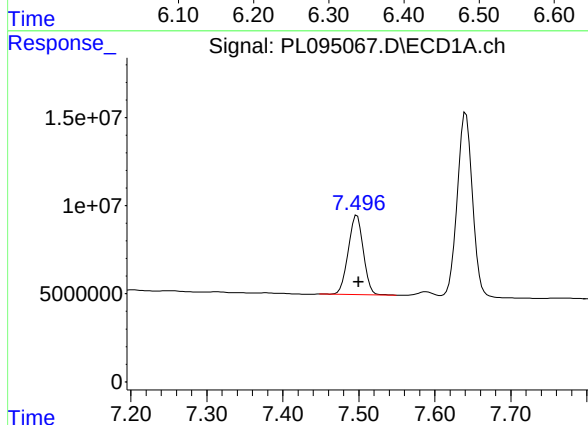
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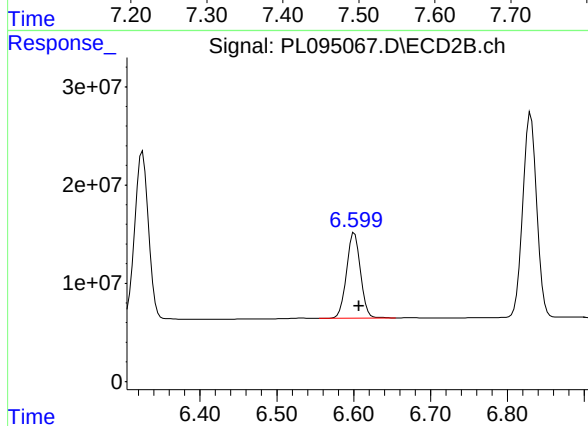
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 214192668
Conc: 52.58 ng/ml



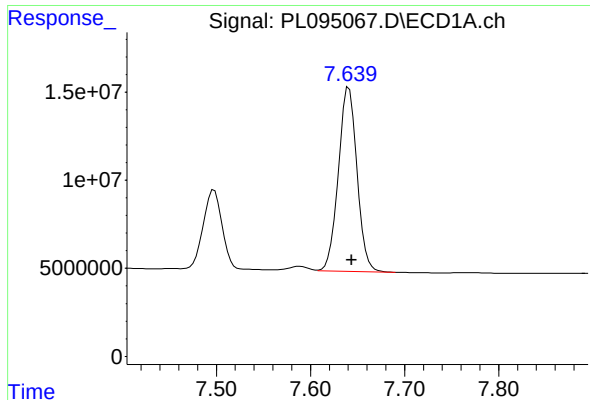
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 62305902
Conc: 52.05 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 109504581
Conc: 51.63 ng/ml



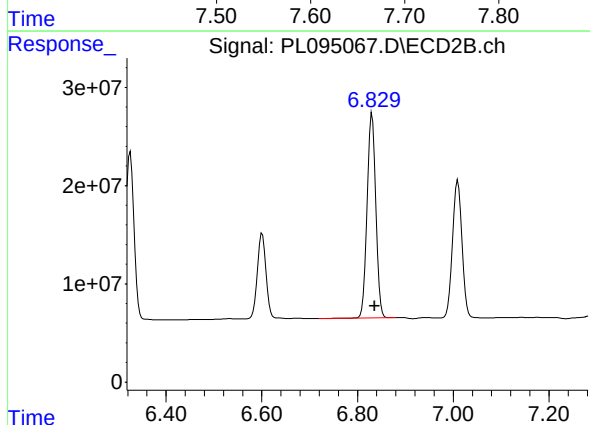
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 143746459
Conc: 54.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

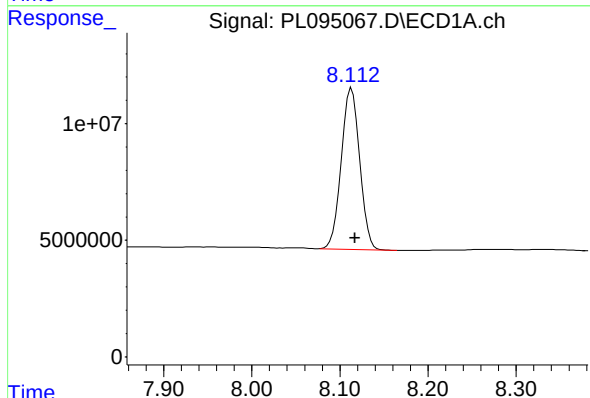
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



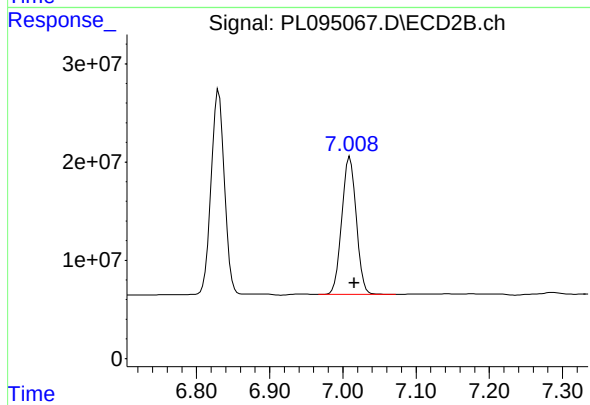
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 262661692
Conc: 55.04 ng/ml



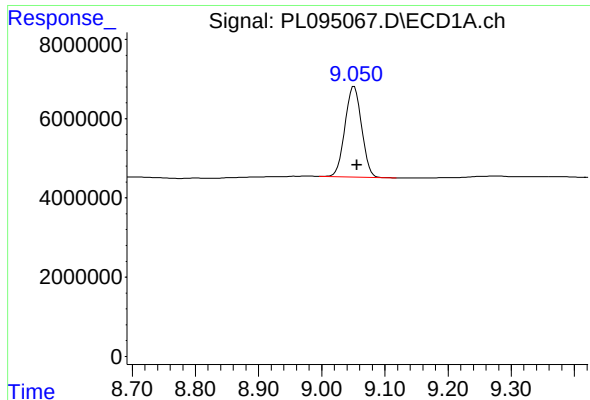
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 100442674
Conc: 48.61 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 192751343
Conc: 50.79 ng/ml



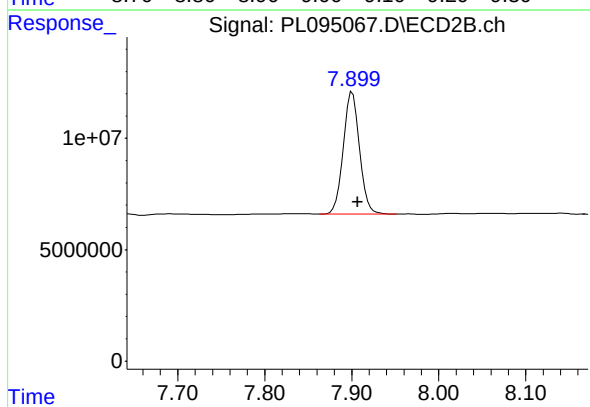
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.004 min
Response: 41876186
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 71340144
Conc: 17.66 ng/ml