

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095143.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 18:31
 Operator : AR\AJ
 Sample : Q1752-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-2MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:25:01 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...	3.533	2.768	56399165	72516602	19.924m	20.317
2) SA Decachlor...	9.048	7.898	40821835	69704493	19.370	17.256
Target Compounds						
2) A alpha-BHC	3.990	3.269	185.6E6	276.0E6	44.701	51.198
3) MA gamma-BHC...	4.323	3.599	176.9E6	261.1E6	44.343	50.804
4) MA Heptachlor	4.910	3.936	161.7E6	242.8E6	41.656	46.089
5) MB Aldrin	5.252	4.215	157.0E6	231.1E6	42.518	47.400
6) B beta-BHC	4.522	3.899	82197617	115.6E6	44.546	52.023
7) B delta-BHC	4.769	4.128	178.4E6	231.7E6	45.817	46.319
8) B Heptachlo...	5.678	4.718	142.5E6	216.8E6	42.584	47.349
9) A Endosulfan I	6.064	5.087	135.8E6	205.2E6	44.217	46.757
10) B gamma-Chl...	5.935	4.967	152.4E6	242.7E6	45.224	50.272
11) B alpha-Chl...	6.014	5.031	154.7E6	232.1E6	46.936	48.620
12) B 4,4'-DDE	6.188	5.219	144.7E6	227.9E6	49.186	49.033
13) MA Dieldrin	6.339	5.351	146.4E6	226.0E6	45.765	46.573
14) MA Endrin	6.569	5.626	119.4E6	200.8E6	43.071	46.007
15) B Endosulfa...	6.788	5.920	125.5E6	200.6E6	46.246m	46.342m
16) A 4,4'-DDD	6.704	5.773	117.4E6	179.1E6	54.210m	49.819m
17) MA 4,4'-DDT	7.018	6.024	115.1E6	186.8E6	48.370	46.321
18) B Endrin al...	6.919	6.101	95390959	150.5E6	45.188	44.727
19) B Endosulfa...	7.154	6.323	112.8E6	187.5E6	46.395	46.028
20) A Methoxychlor	7.495	6.599	56434916	92805394	47.144	43.754
21) B Endrin ke...	7.639	6.828	129.9E6	215.9E6	49.156	45.236
22) Mirex	8.111	7.007	90263230	160.8E6	43.684	42.366

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 18:31
Operator : AR\AJ
Sample : Q1752-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

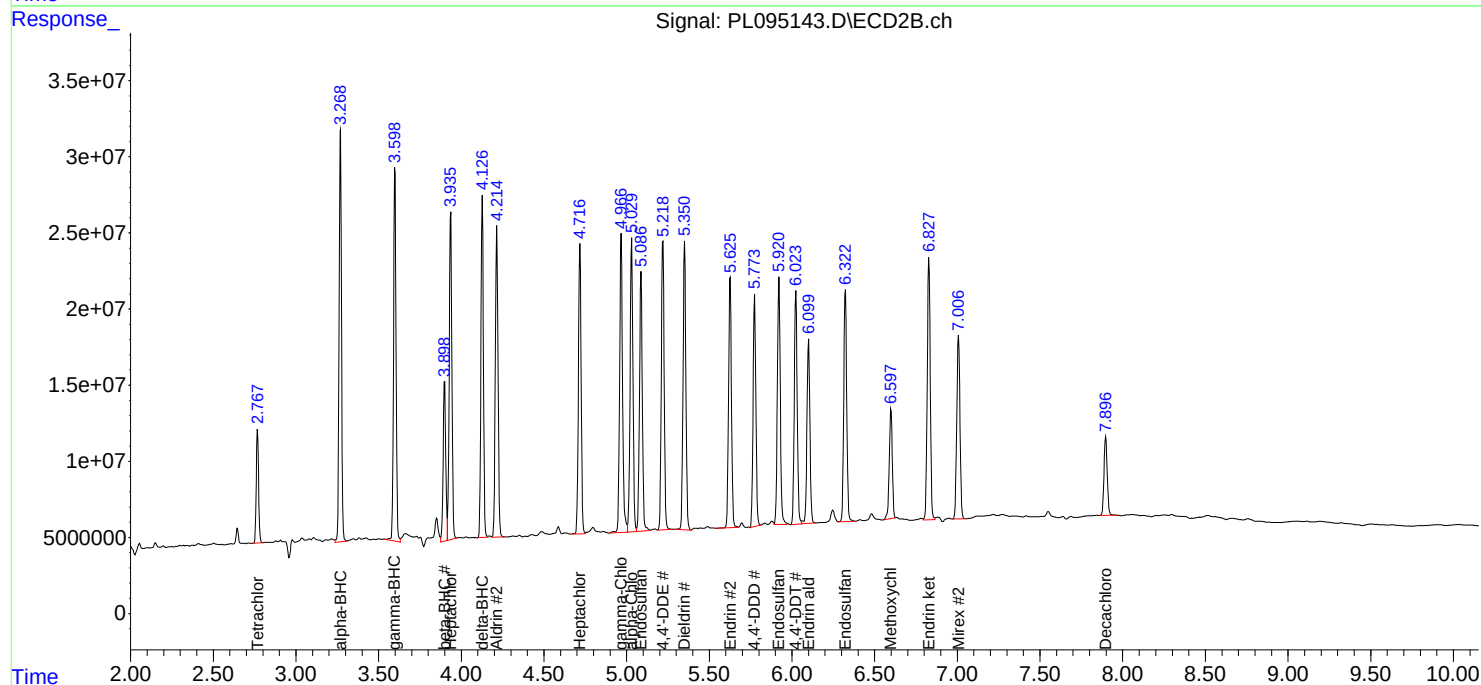
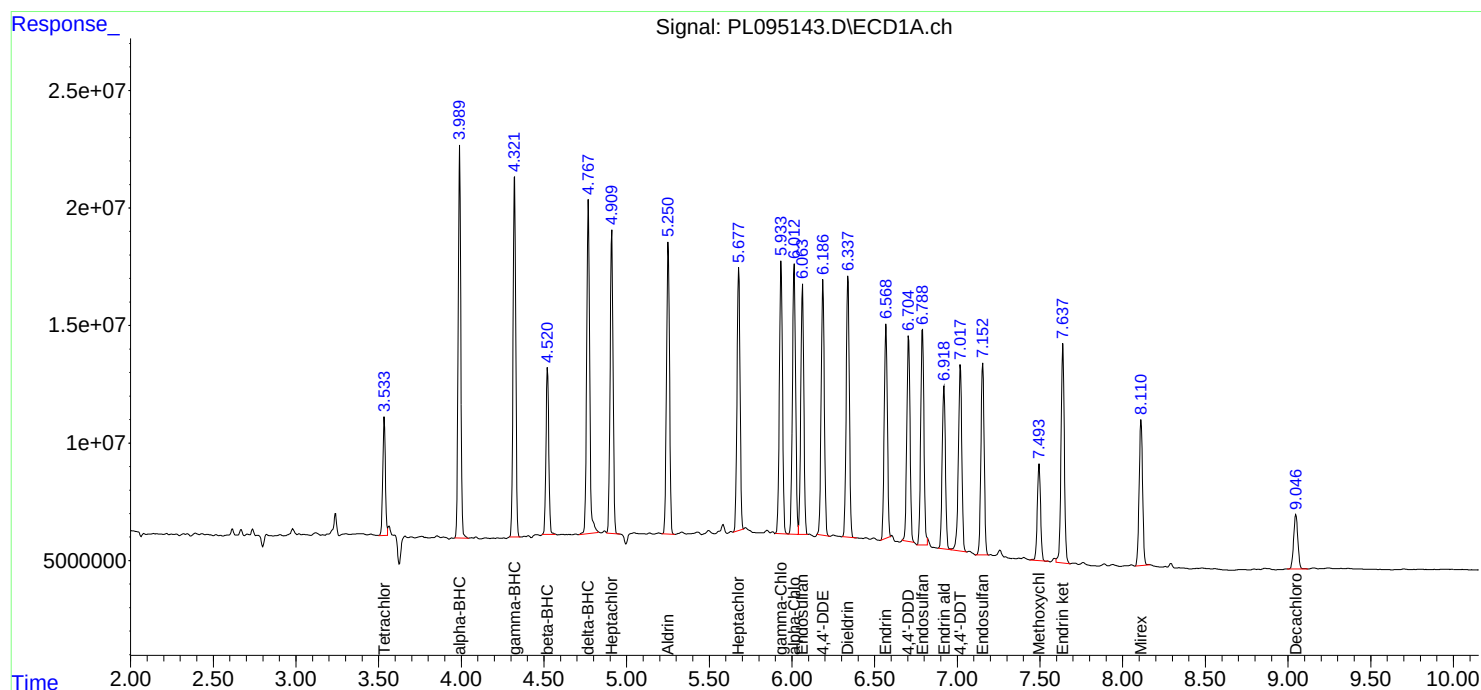
Instrument :
ECD_L
ClientSampleId :
TP-2MSD

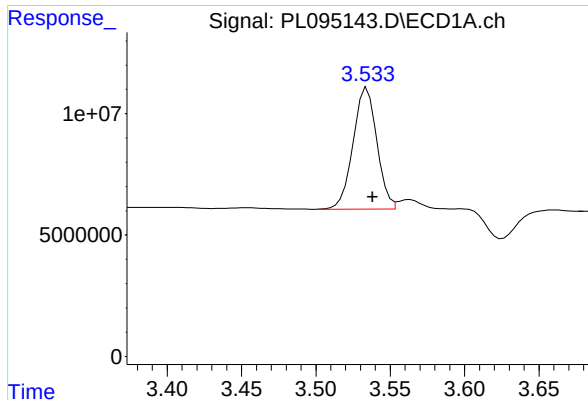
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:25:01 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





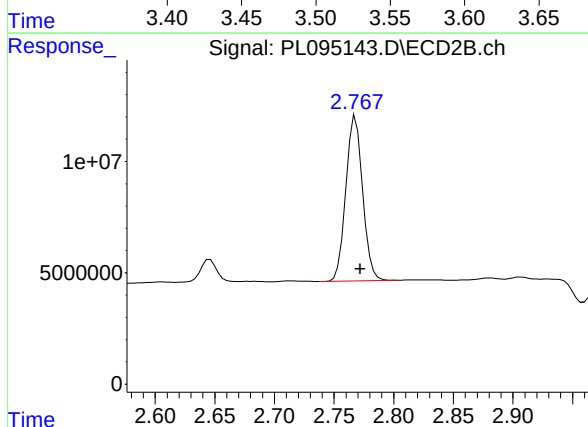
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.005 min
Response: 56399165
Conc: 19.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

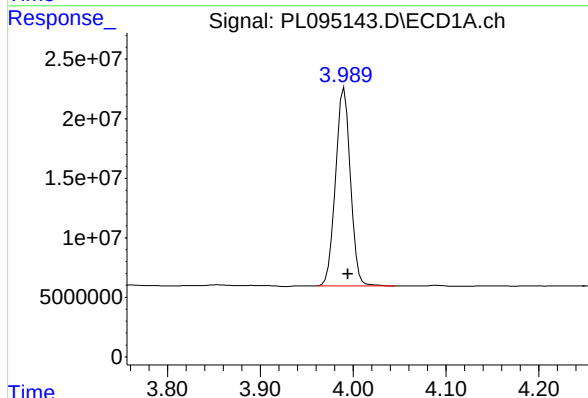
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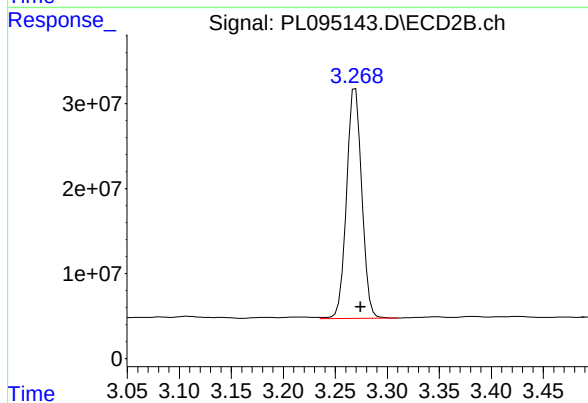
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 72516602
Conc: 20.32 ng/ml



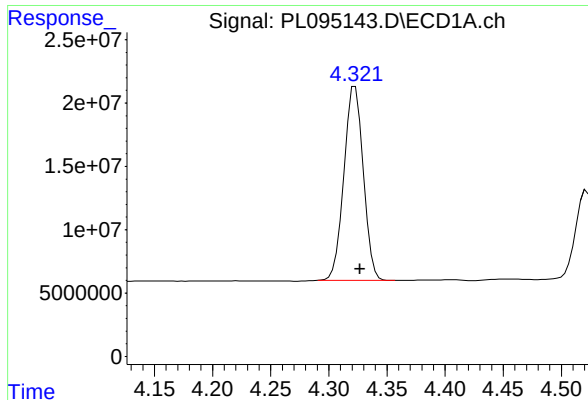
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 185614468
Conc: 44.70 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.005 min
Response: 276024792
Conc: 51.20 ng/ml



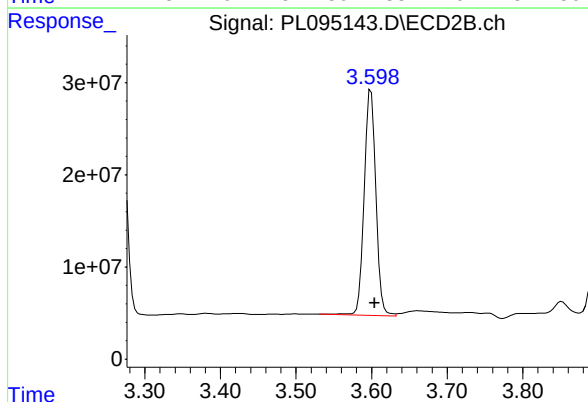
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 176939962
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

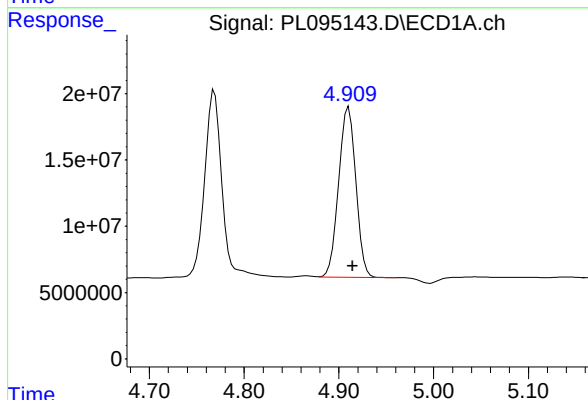
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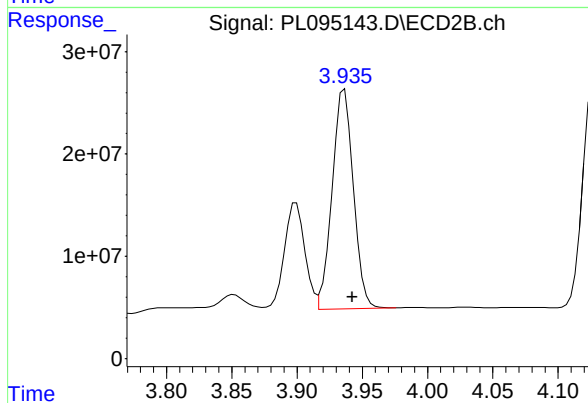
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 261103577
Conc: 50.80 ng/ml



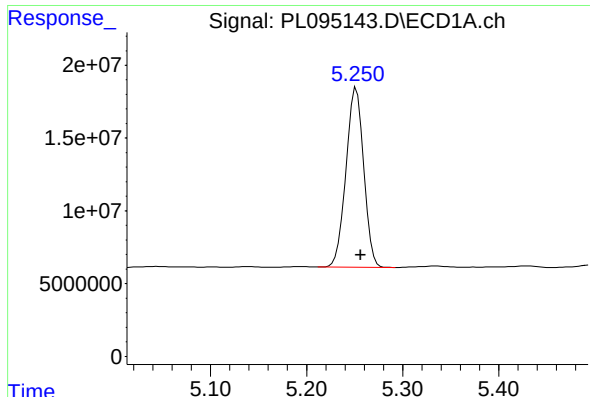
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 161694859
Conc: 41.66 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.006 min
Response: 242824611
Conc: 46.09 ng/ml



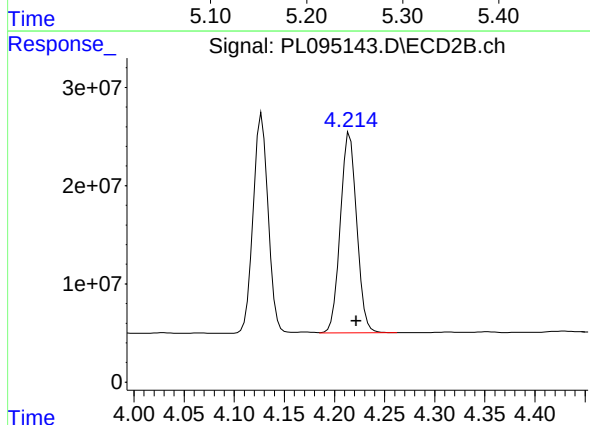
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 156984975
Conc: 42.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

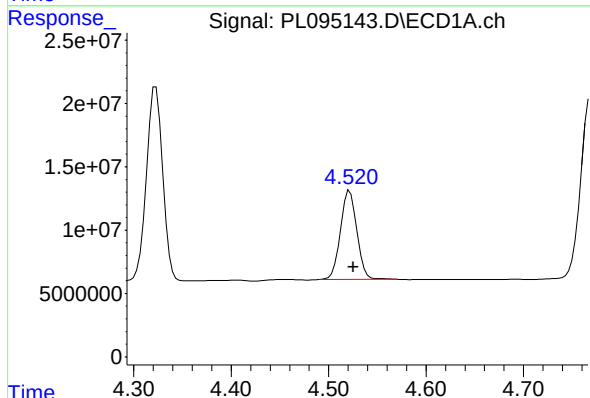
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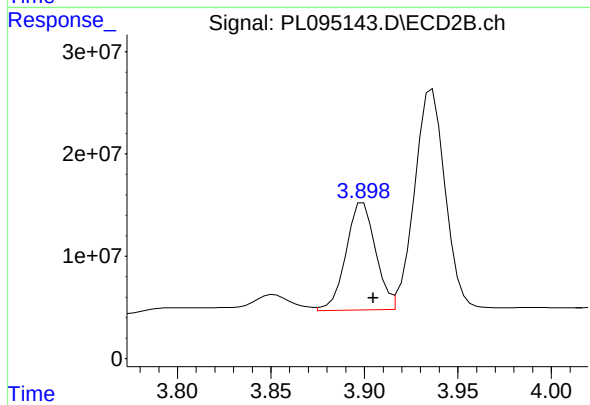
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.006 min
Response: 231138152
Conc: 47.40 ng/ml



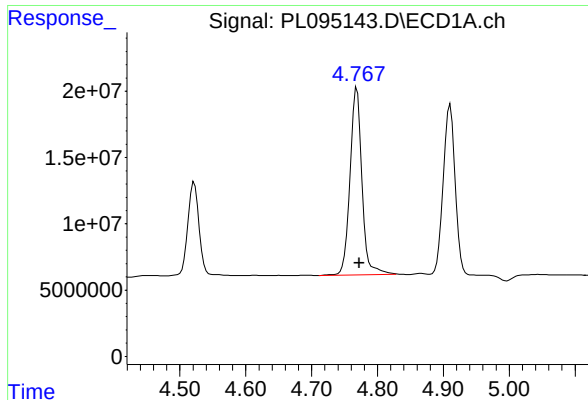
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 82197617
Conc: 44.55 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.005 min
Response: 115558538
Conc: 52.02 ng/ml



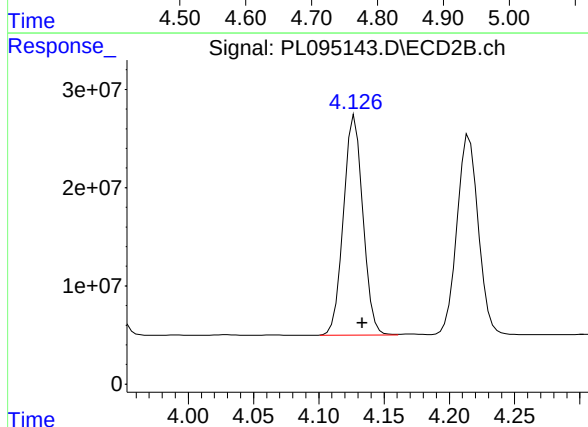
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 178426055
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

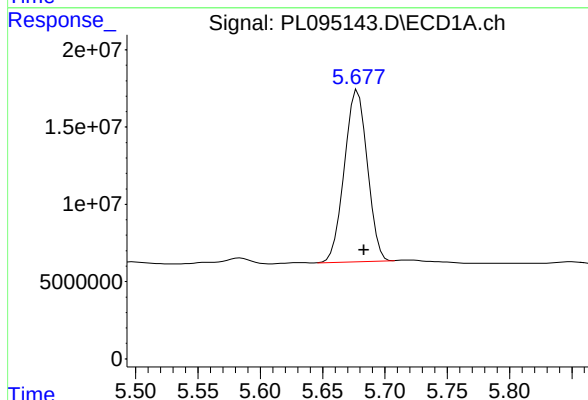
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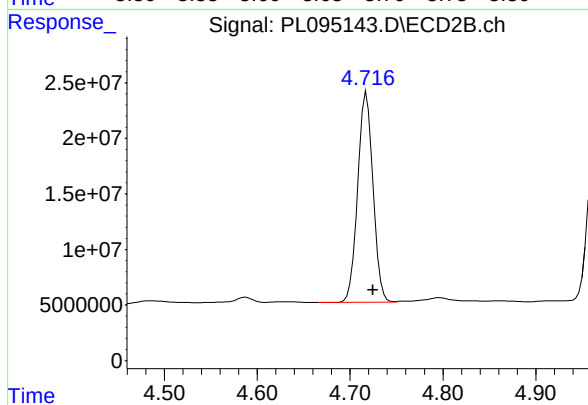
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.006 min
Response: 231685980
Conc: 46.32 ng/ml



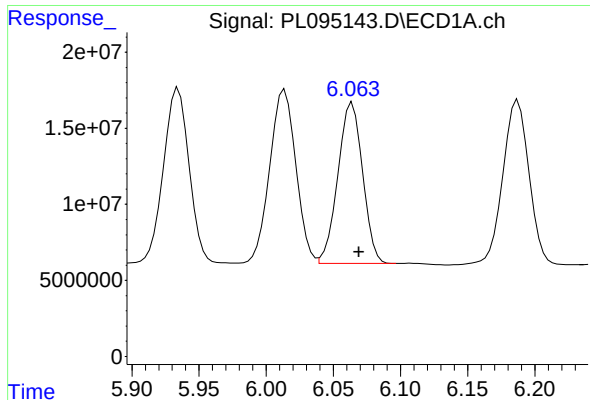
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 142450990
Conc: 42.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 216791910
Conc: 47.35 ng/ml



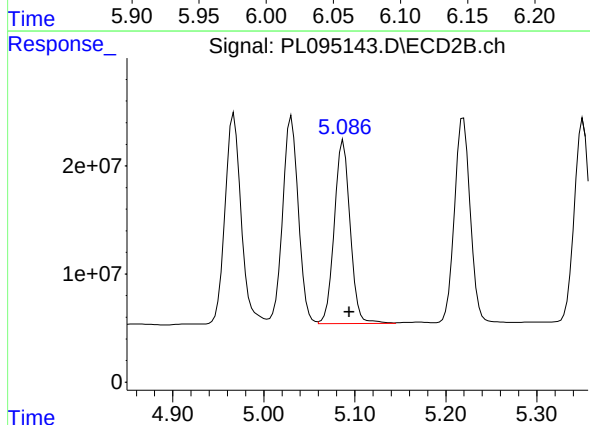
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 135755018
Conc: 44.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

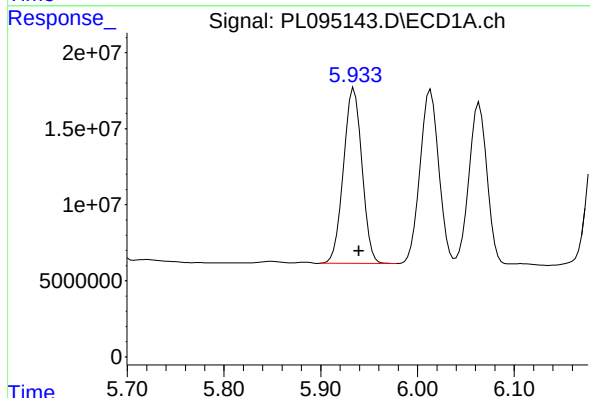
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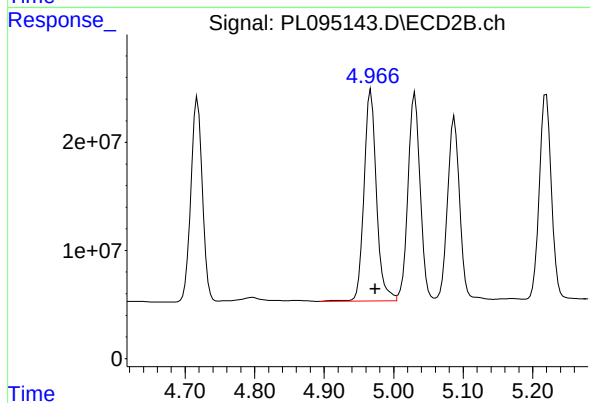
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: -0.007 min
Response: 205203216
Conc: 46.76 ng/ml



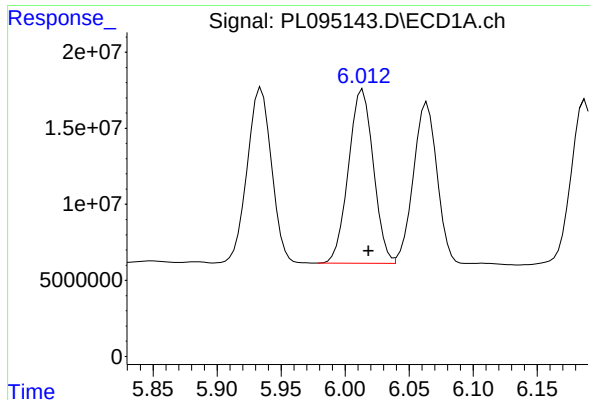
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 152374692
Conc: 45.22 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 242736437
Conc: 50.27 ng/ml



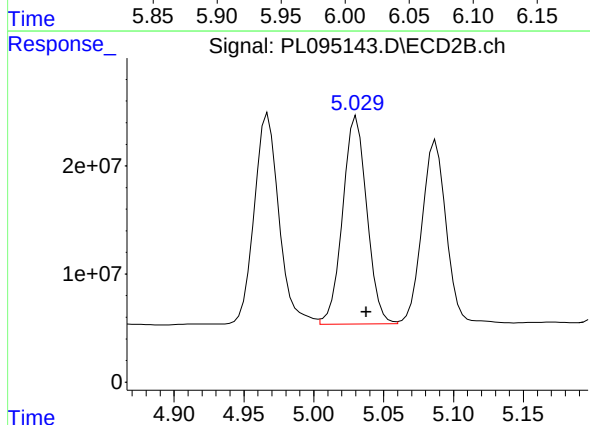
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.005 min
Response: 154739521
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

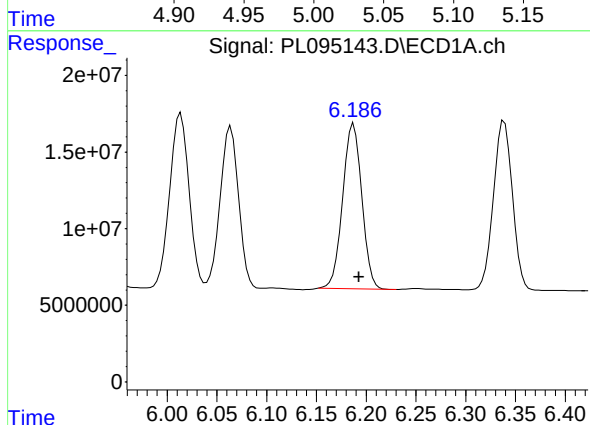
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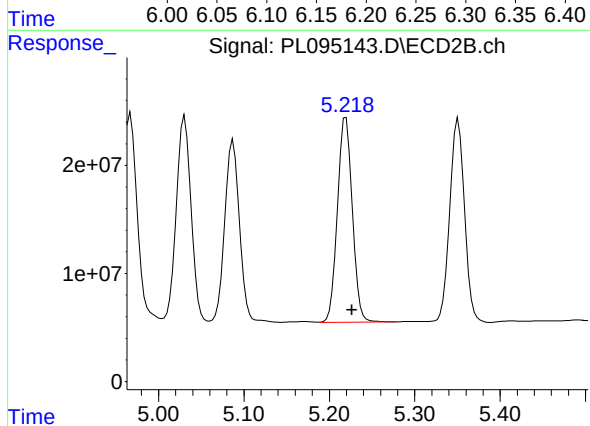
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: -0.007 min
Response: 232052513
Conc: 48.62 ng/ml



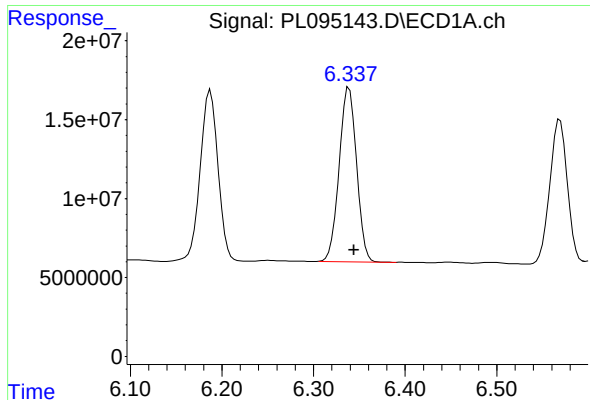
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.006 min
Response: 144707846
Conc: 49.19 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: -0.007 min
Response: 227933202
Conc: 49.03 ng/ml



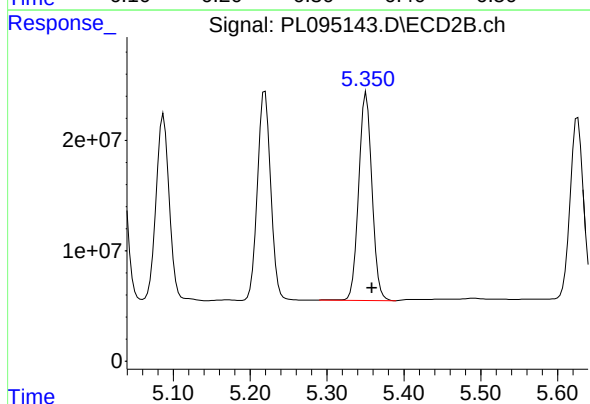
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 146363163
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

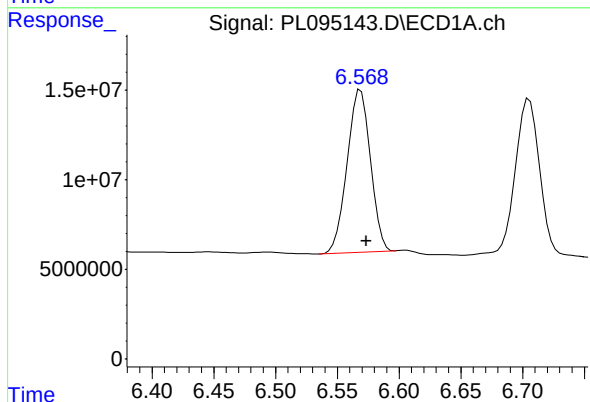
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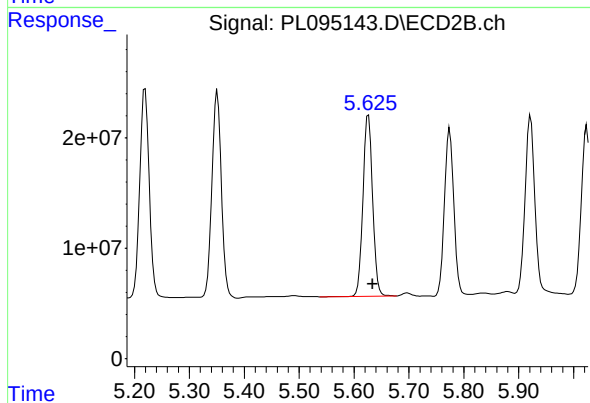
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: -0.007 min
Response: 225962941
Conc: 46.57 ng/ml



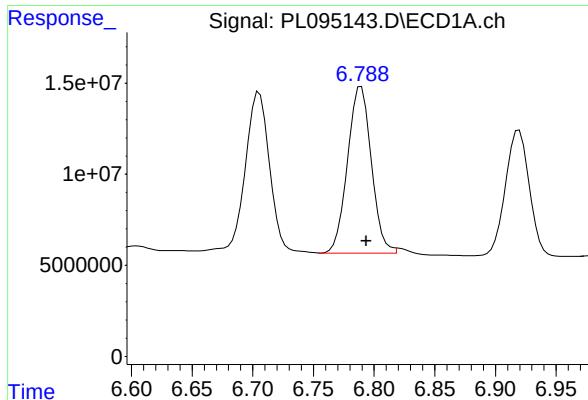
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 119396035
Conc: 43.07 ng/ml



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.007 min
Response: 200758053
Conc: 46.01 ng/ml



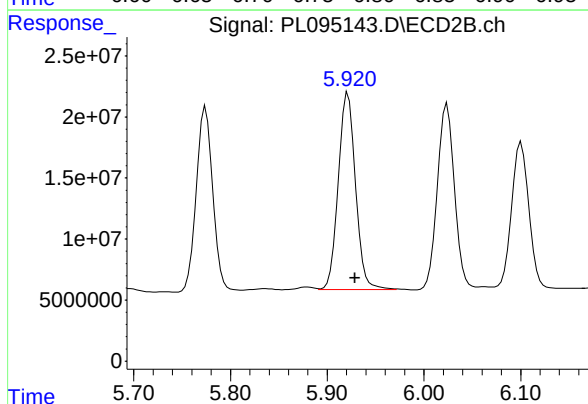
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.006 min
Response: 125545512
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

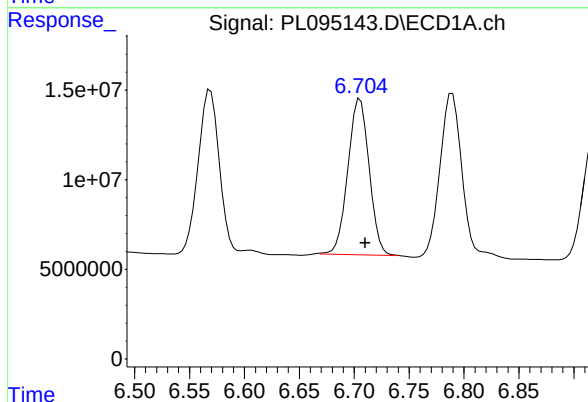
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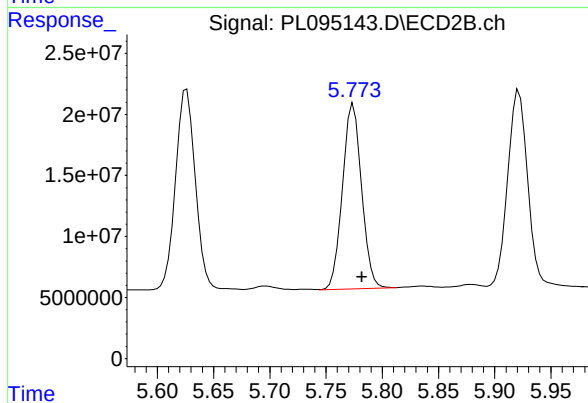
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.008 min
Response: 200579986
Conc: 46.34 ng/ml m



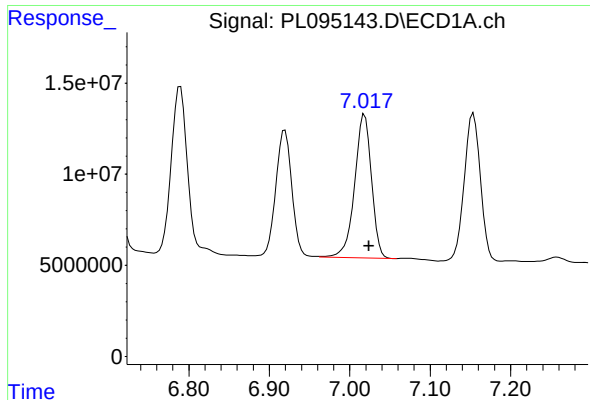
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 117421642
Conc: 54.21 ng/ml m



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 179144393
Conc: 49.82 ng/ml m



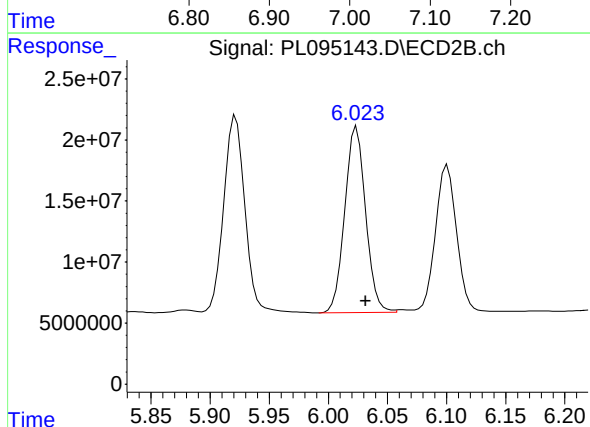
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.005 min
Response: 115050553
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

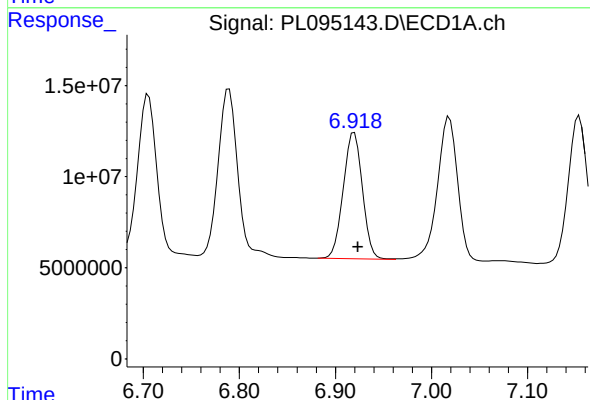
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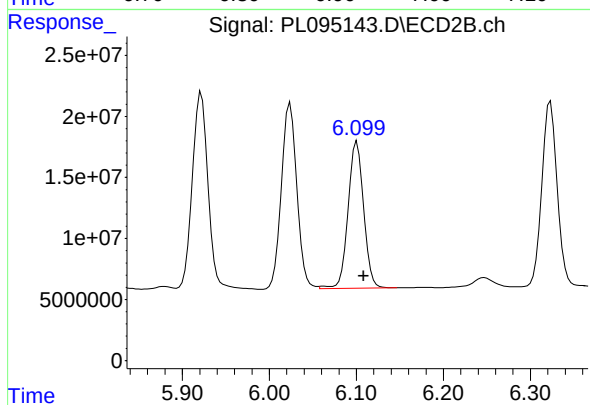
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.008 min
Response: 186769810
Conc: 46.32 ng/ml



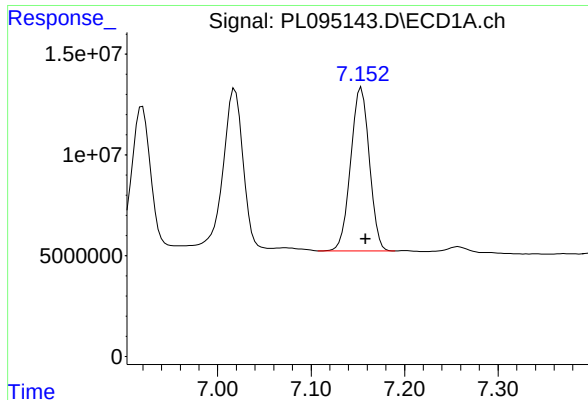
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 95390959
Conc: 45.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: -0.008 min
Response: 150521315
Conc: 44.73 ng/ml



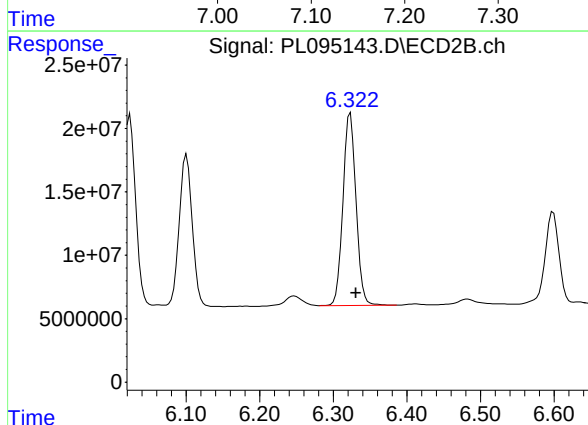
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 112833621
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

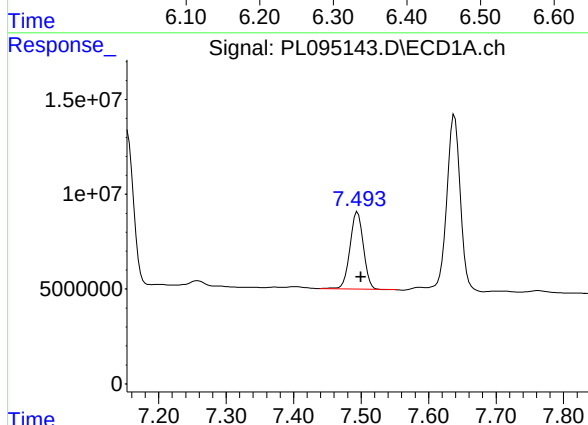
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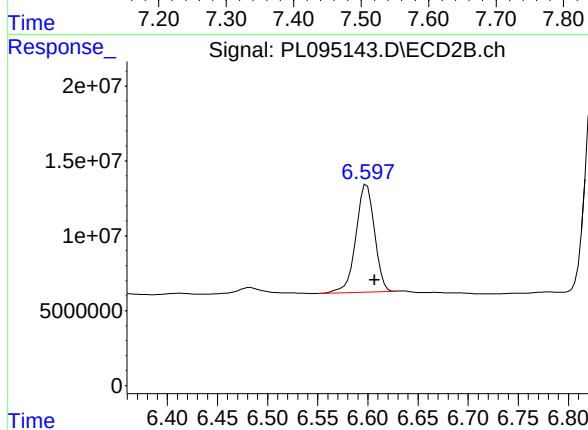
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.008 min
Response: 187493661
Conc: 46.03 ng/ml



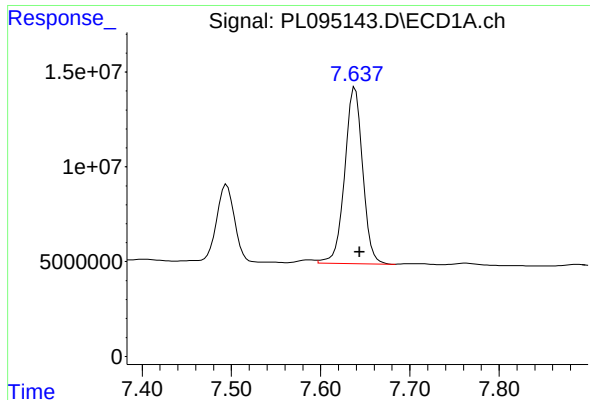
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: -0.005 min
Response: 56434916
Conc: 47.14 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 92805394
Conc: 43.75 ng/ml



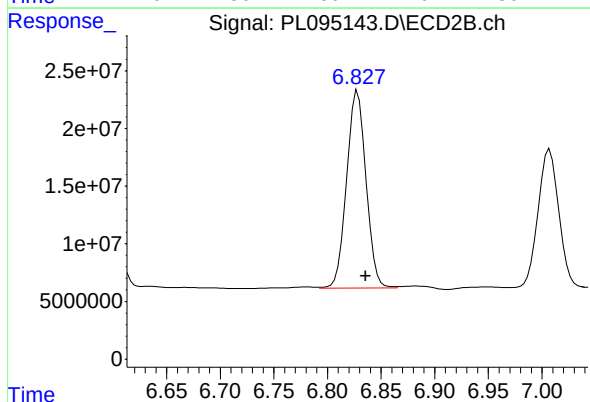
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 129931840
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

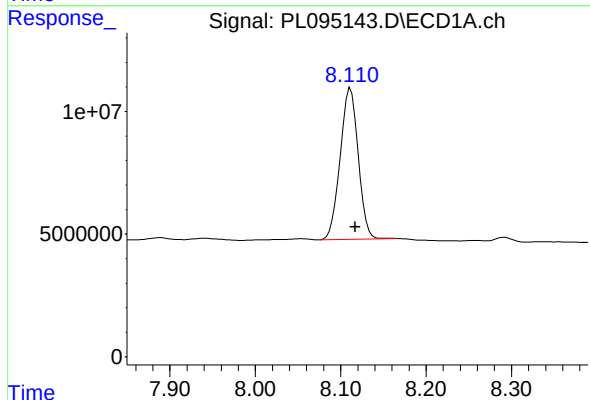
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Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



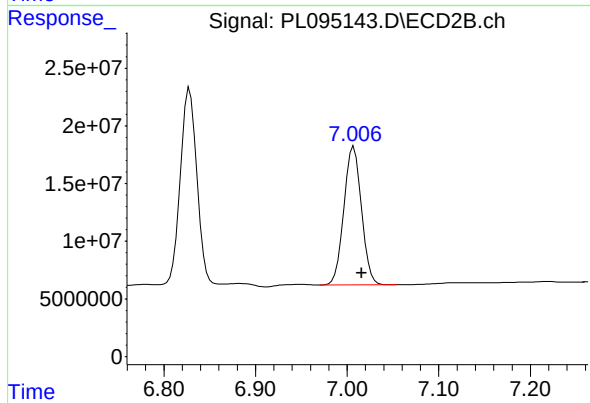
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 215894521
Conc: 45.24 ng/ml



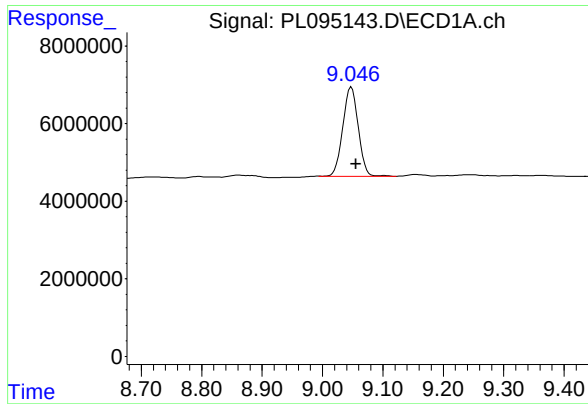
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.005 min
Response: 90263230
Conc: 43.68 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: -0.008 min
Response: 160790890
Conc: 42.37 ng/ml



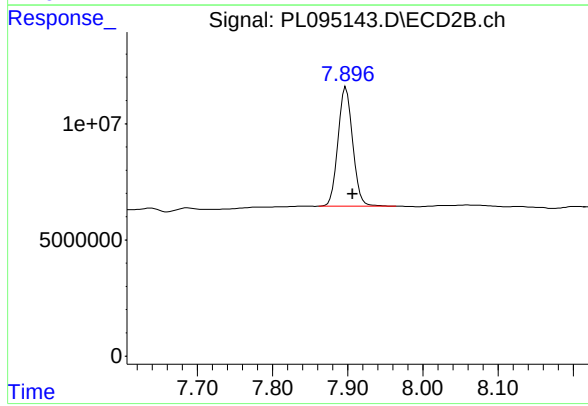
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.008 min
Response: 40821835
Conc: 19.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.009 min
Response: 69704493
Conc: 17.26 ng/ml