

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040725\
 Data File : PL095066.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2025 18:19
 Operator : AR\AJ
 Sample : Q1730-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

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 02:21:02 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	49433393	62981262	17.463m	17.645
28)	SA Decachlor...	9.052	7.901	40713257	69629312	19.319	17.238
Target Compounds							
2)	A alpha-BHC	3.992	3.270	192.7E6	282.3E6	46.417	52.363
3)	MA gamma-BHC...	4.324	3.600	186.5E6	261.9E6	46.734	50.961
4)	MA Heptachlor	4.912	3.937	177.0E6	253.4E6	45.610	48.096
5)	MB Aldrin	5.253	4.216	174.4E6	243.3E6	47.230	49.884
6)	B beta-BHC	4.523	3.900	86821419	114.4E6	47.052	51.480
7)	B delta-BHC	4.770	4.128	183.9E6	244.8E6	47.210	48.938
8)	B Heptachlo...	5.680	4.719	163.1E6	229.2E6	48.742	50.049
9)	A Endosulfan I	6.066	5.088	154.7E6	221.4E6	50.394	50.441
10)	B gamma-Chl...	5.937	4.969	166.3E6	242.5E6	49.357	50.221
11)	B alpha-Chl...	6.015	5.032	165.0E6	238.7E6	50.043	50.016
12)	B 4,4'-DDE	6.189	5.221	163.8E6	243.9E6	55.665	52.463
13)	MA Dieldrin	6.341	5.353	165.1E6	244.2E6	51.615	50.335
14)	MA Endrin	6.571	5.627	130.8E6	218.0E6	47.176	49.952m
15)	B Endosulfa...	6.791	5.923	141.0E6	222.4E6	51.957	51.385
16)	A 4,4'-DDD	6.707	5.776	136.7E6	205.2E6	63.103	57.073
17)	MA 4,4'-DDT	7.021	6.026	120.4E6	200.1E6	50.599	49.638
18)	B Endrin al...	6.921	6.103	109.0E6	170.6E6	51.635	50.695
19)	B Endosulfa...	7.156	6.326	124.4E6	211.2E6	51.160	51.838
20)	A Methoxychlor	7.498	6.601	61537344	108.3E6	51.407	51.082
21)	B Endrin ke...	7.641	6.831	142.6E6	259.8E6	53.932	54.439
22)	Mirex	8.114	7.010	99085621	189.3E6	47.954	49.870

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040725\
Data File : PL095066.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Apr 2025 18:19
Operator : AR\AJ
Sample : Q1730-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

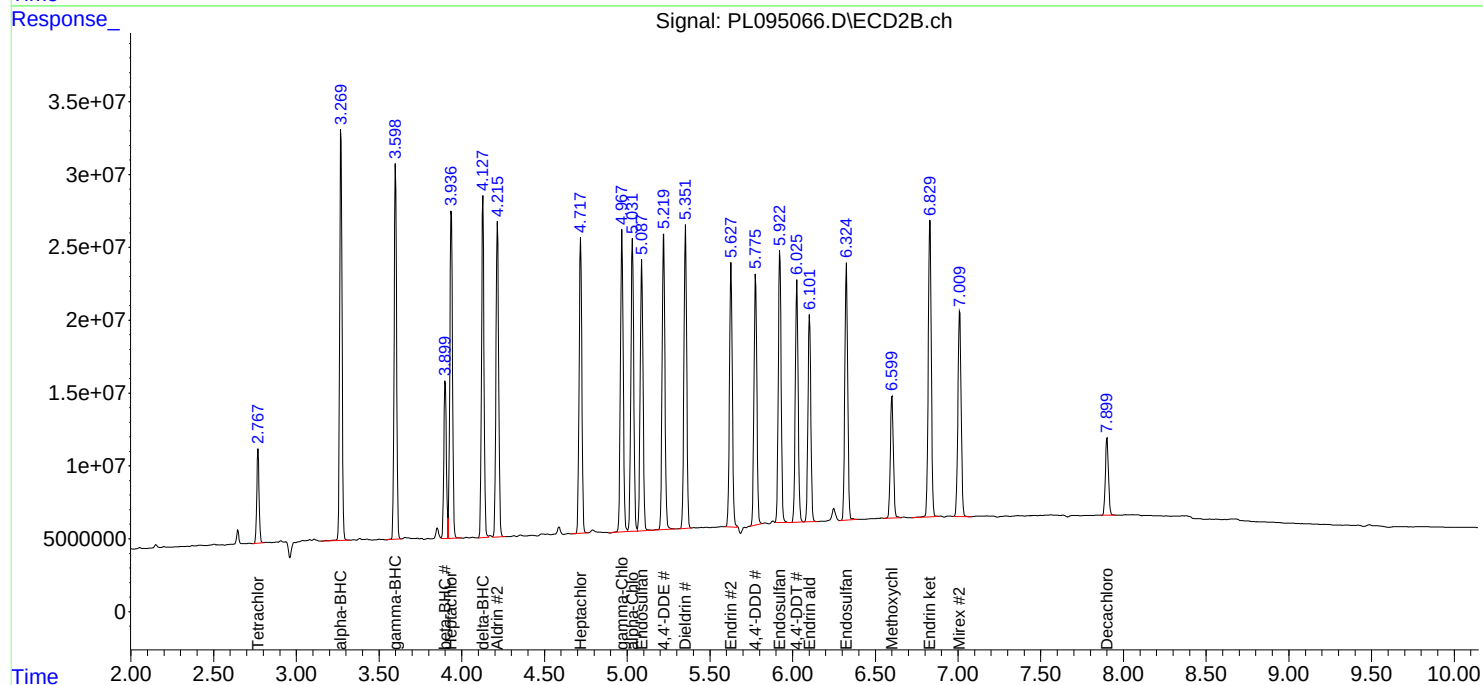
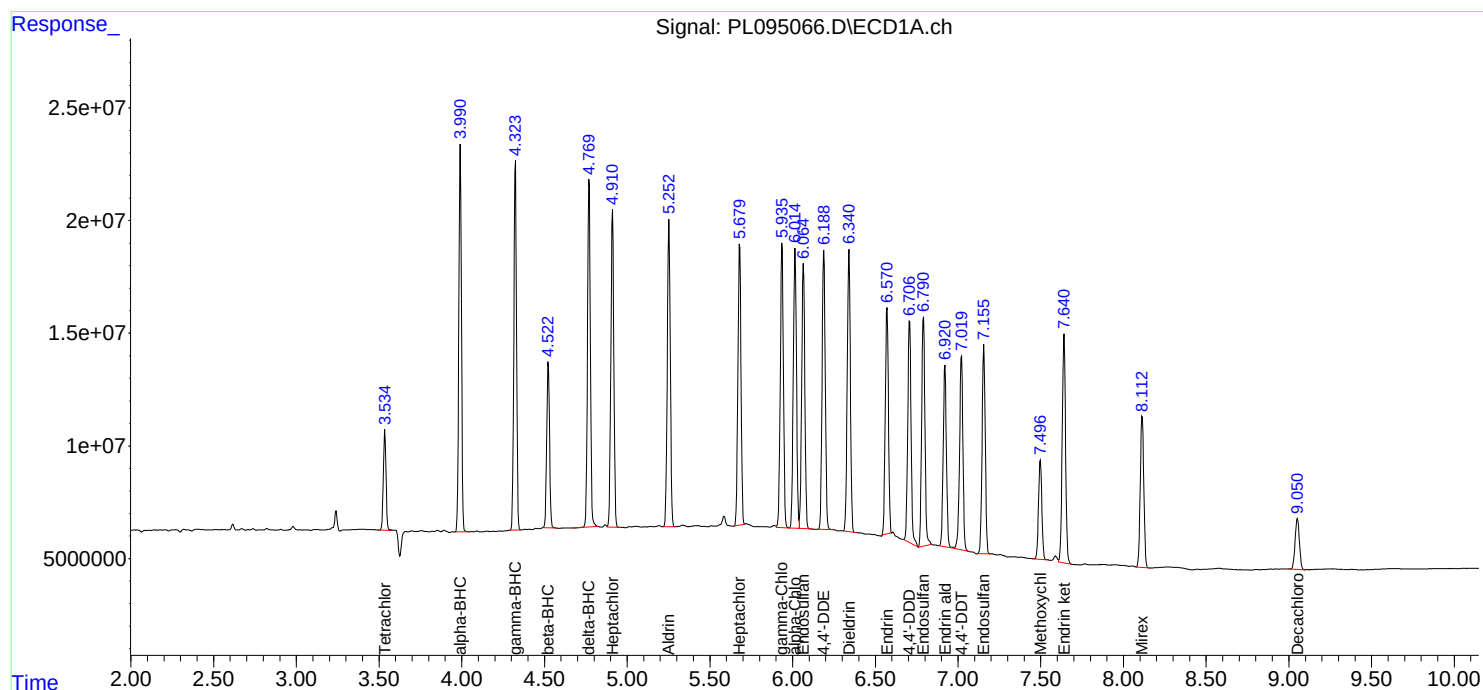
Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

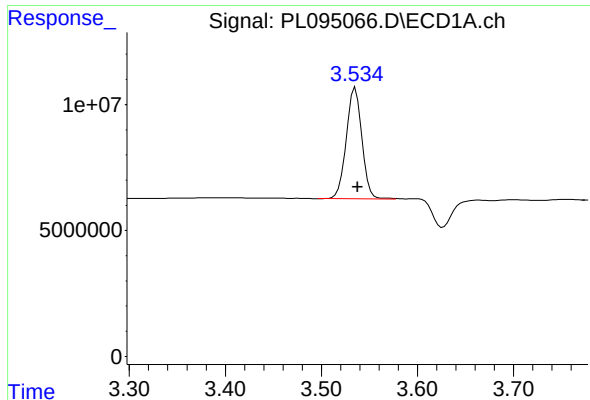
Manual Integrations
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Supervised By :mohammad ahmed 04/09/2025

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





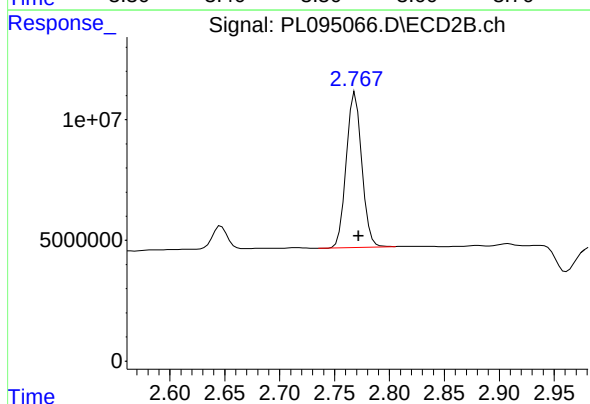
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 49433393
Conc: 17.46 ng/ml

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

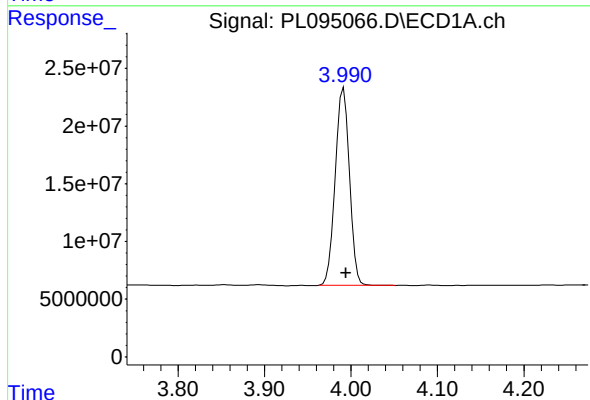
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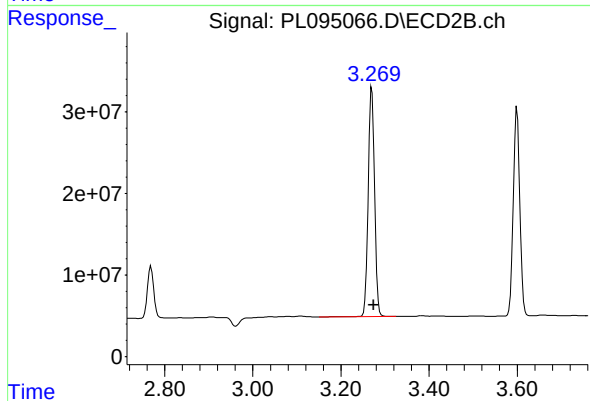
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 62981262
Conc: 17.65 ng/ml



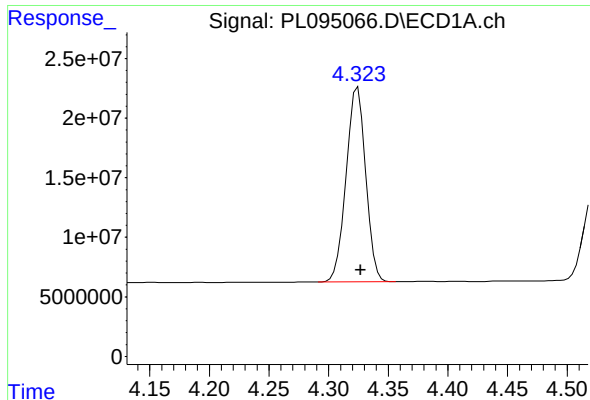
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 192739182
Conc: 46.42 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 282309821
Conc: 52.36 ng/ml



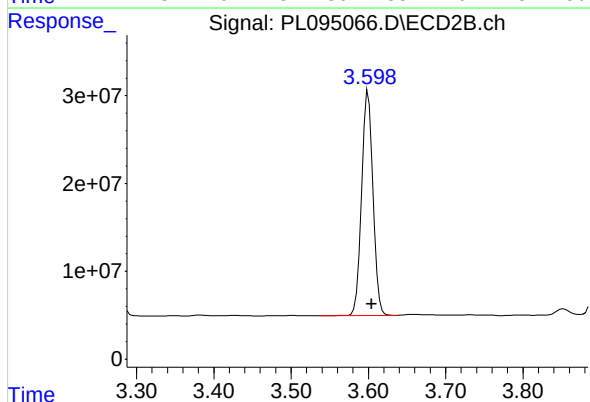
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 186481043
Conc: 46.73 ng/ml

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

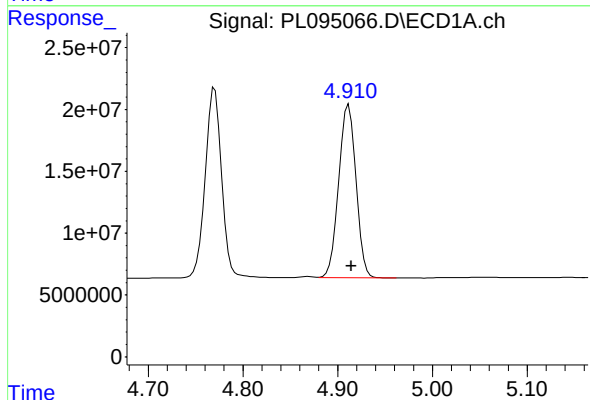
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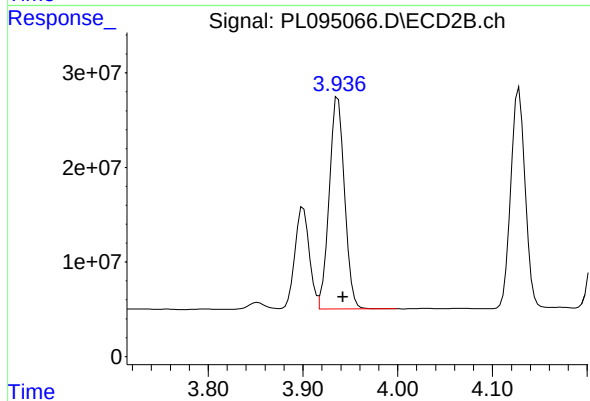
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.005 min
Response: 261909025
Conc: 50.96 ng/ml



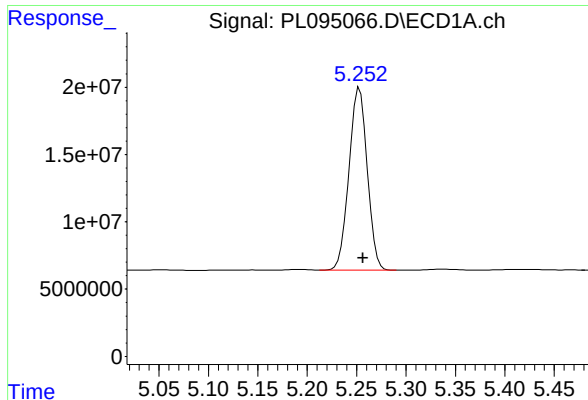
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 177042360
Conc: 45.61 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.005 min
Response: 253400581
Conc: 48.10 ng/ml



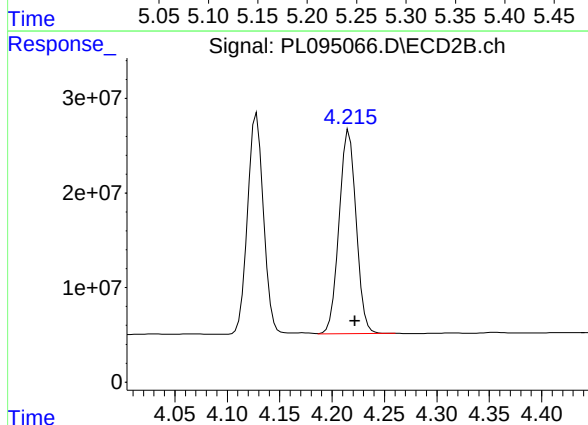
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 174383681
Conc: 47.23 ng/ml

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

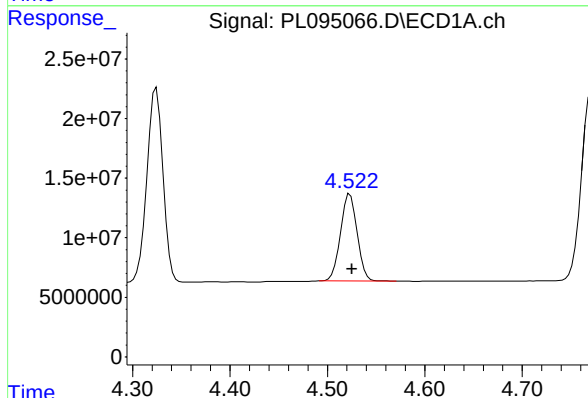
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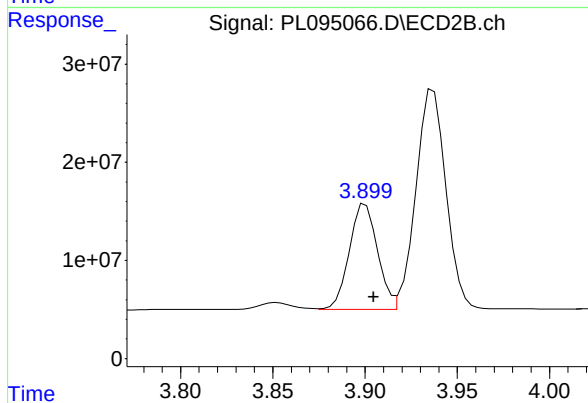
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.006 min
Response: 243252990
Conc: 49.88 ng/ml



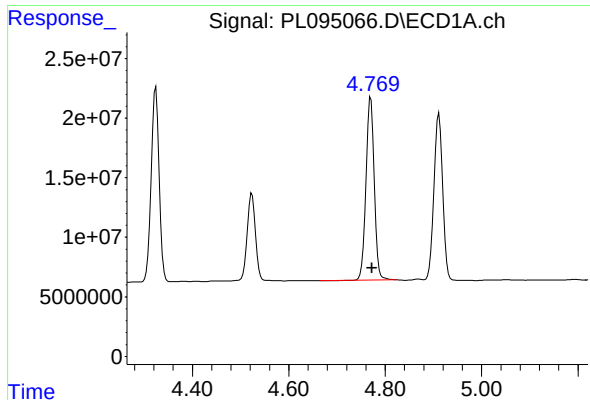
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 86821419
Conc: 47.05 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.004 min
Response: 114353199
Conc: 51.48 ng/ml



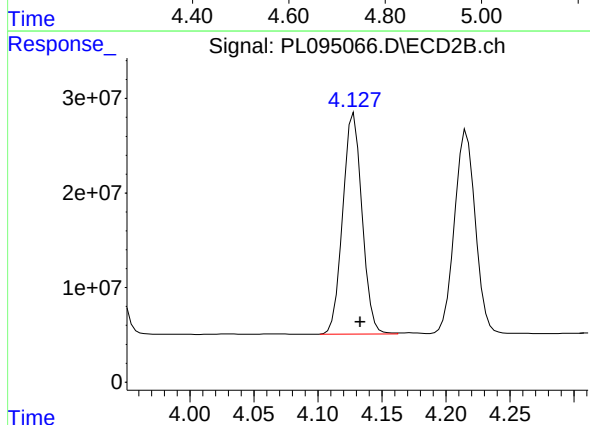
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 183850478
Conc: 47.21 ng/ml

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

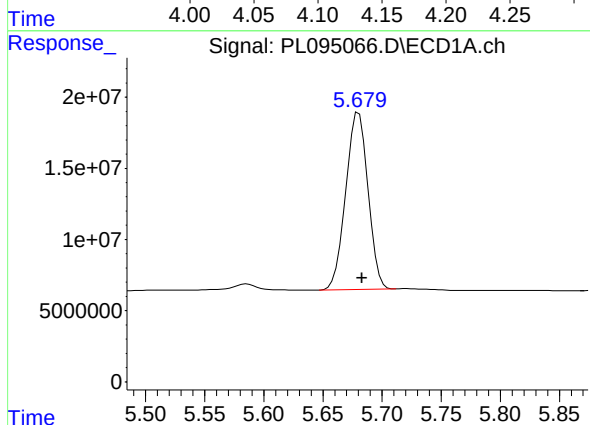
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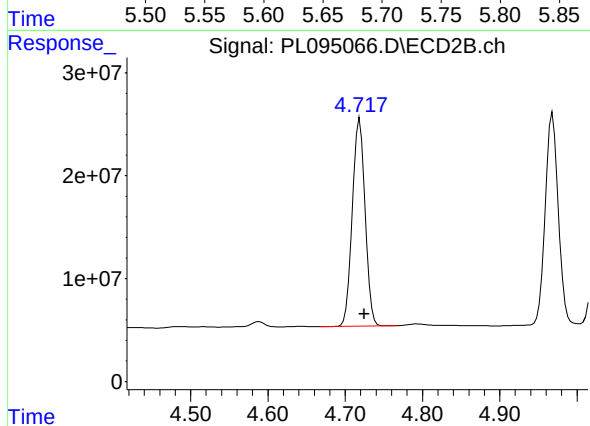
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.005 min
Response: 244784782
Conc: 48.94 ng/ml



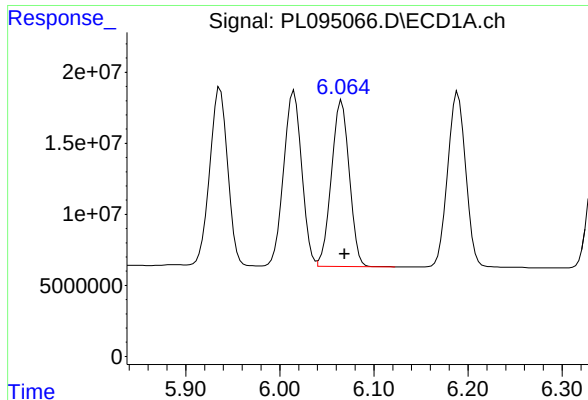
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 163050874
Conc: 48.74 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 229155114
Conc: 50.05 ng/ml



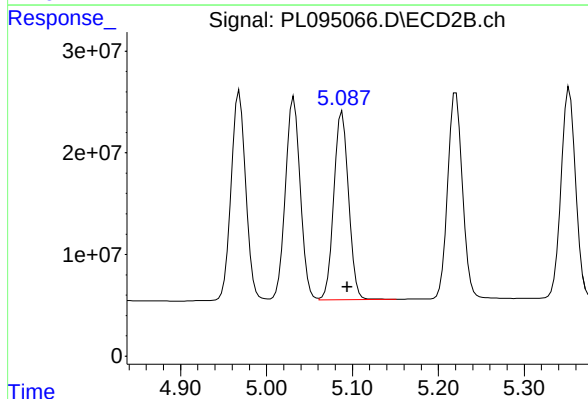
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 154718446
Conc: 50.39 ng/ml

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

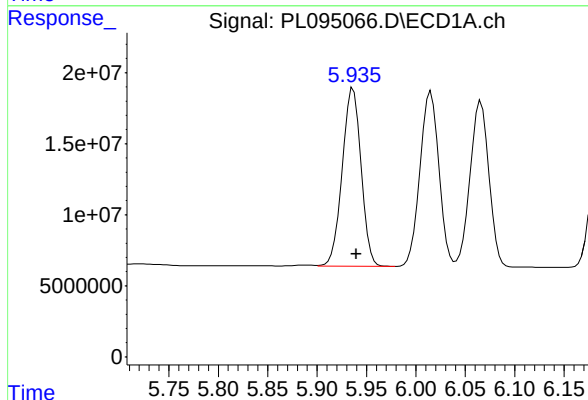
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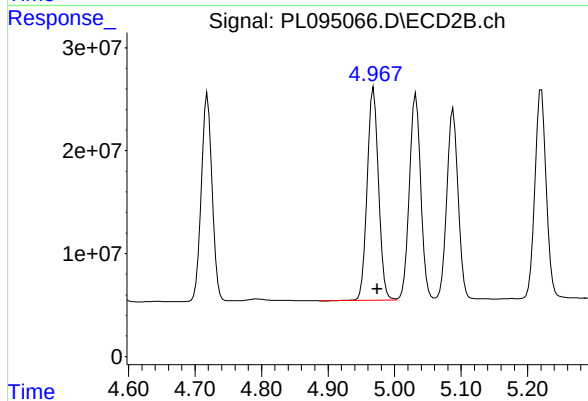
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 221370632
Conc: 50.44 ng/ml



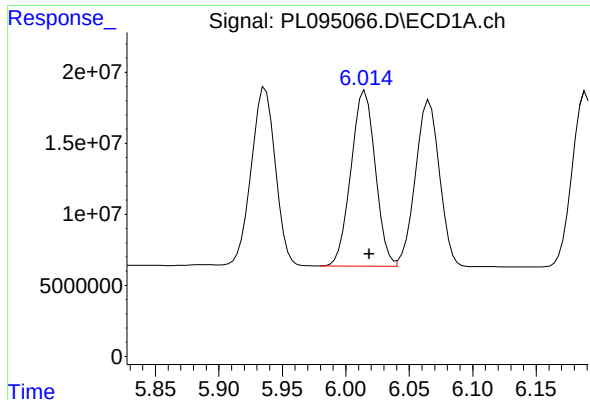
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 166302544
Conc: 49.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 242490014
Conc: 50.22 ng/ml



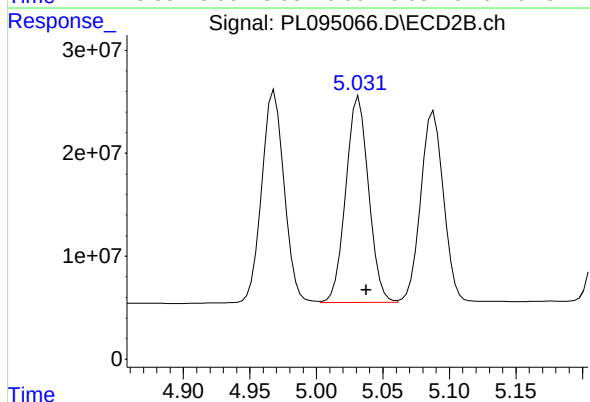
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 164983760
Conc: 50.04 ng/ml

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

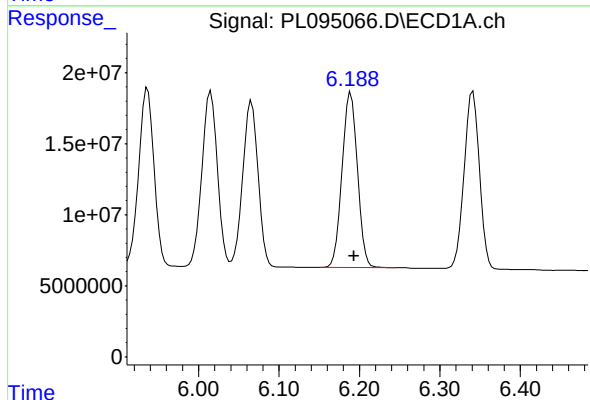
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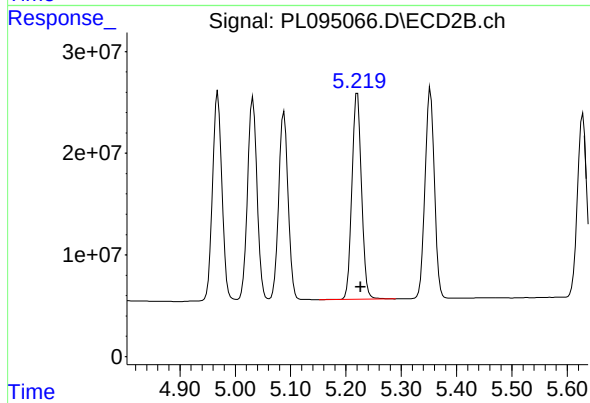
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.006 min
Response: 238712974
Conc: 50.02 ng/ml



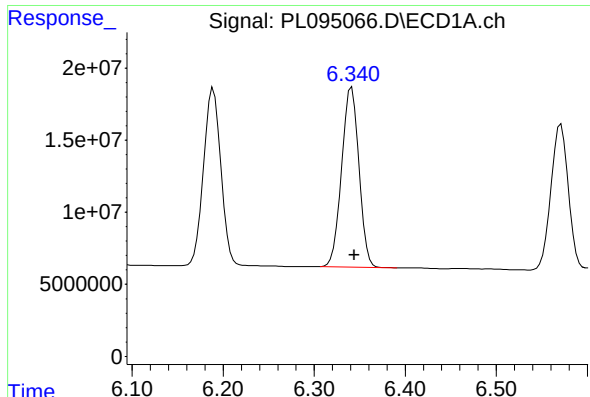
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 163769458
Conc: 55.66 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 243875743
Conc: 52.46 ng/ml



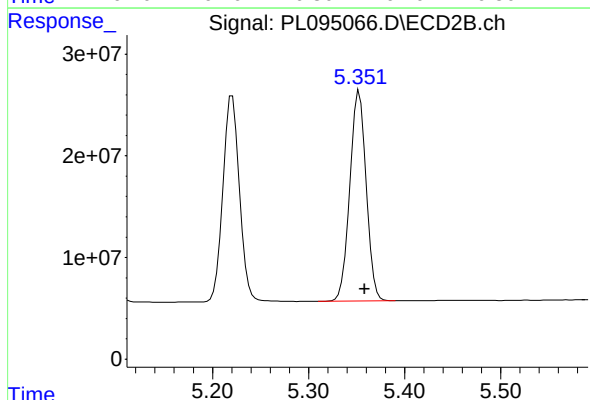
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 165071116
Conc: 51.61 ng/ml

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

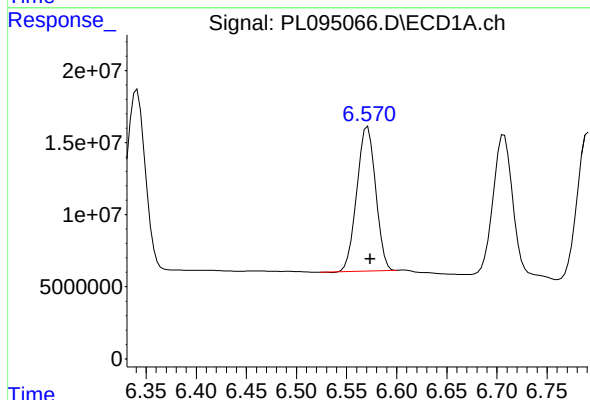
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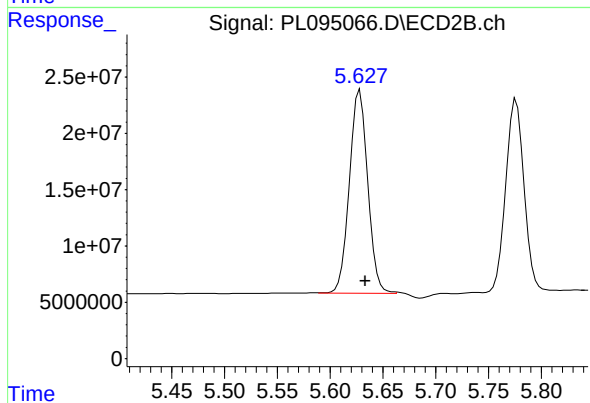
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.006 min
Response: 244216765
Conc: 50.34 ng/ml



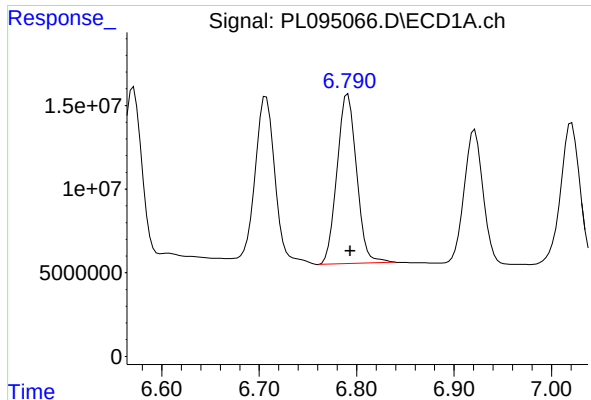
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 130776594
Conc: 47.18 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 217971535
Conc: 49.95 ng/ml m



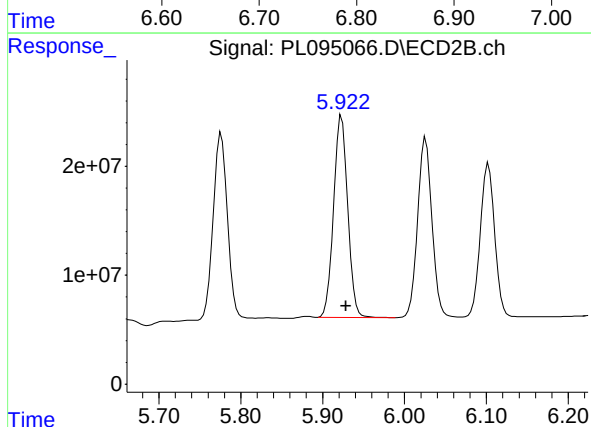
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 141048624
Conc: 51.96 ng/ml

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

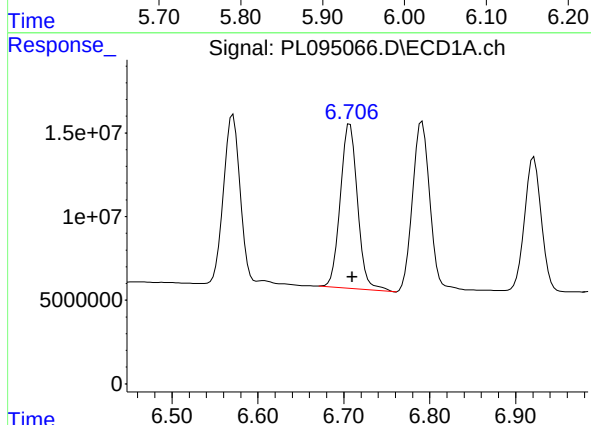
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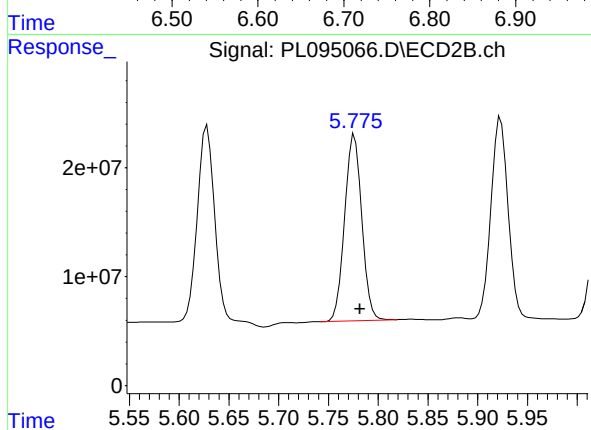
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 222409431
Conc: 51.39 ng/ml



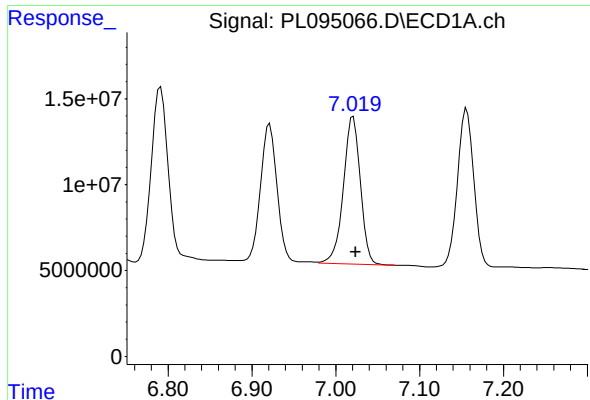
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 136685538
Conc: 63.10 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 205227676
Conc: 57.07 ng/ml



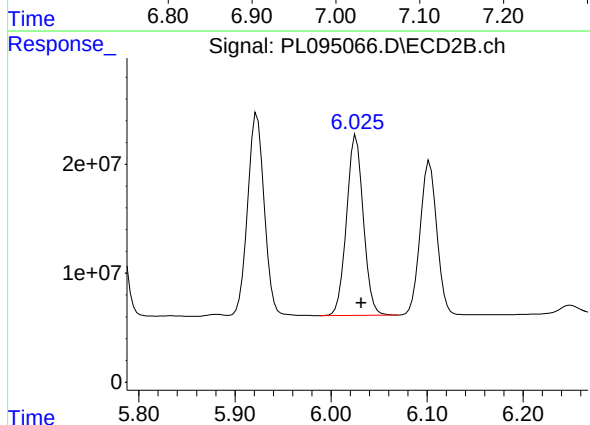
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 120352772
Conc: 50.60 ng/ml

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

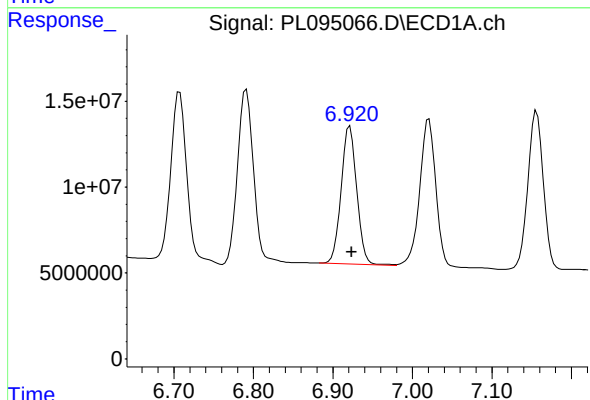
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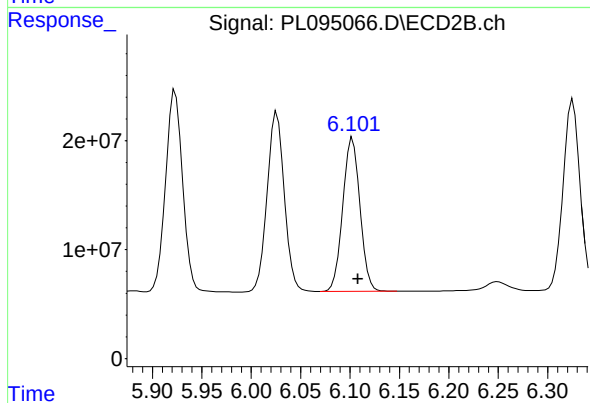
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 200144755
Conc: 49.64 ng/ml



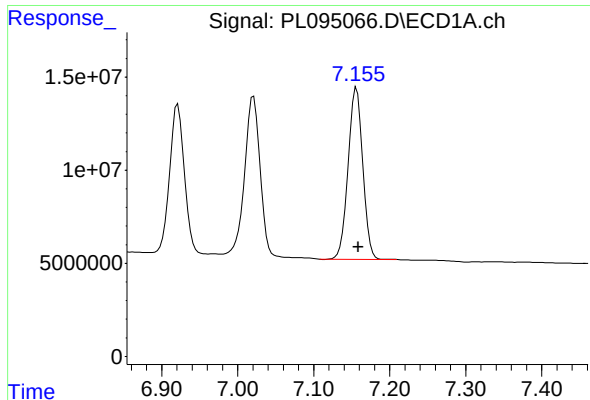
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 108999946
Conc: 51.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 170608682
Conc: 50.70 ng/ml



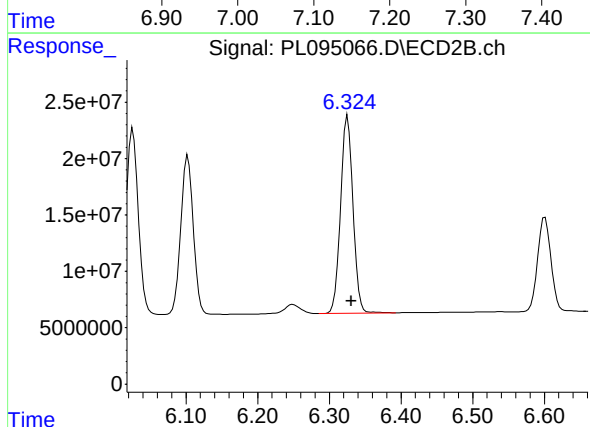
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 124422526
Conc: 51.16 ng/ml

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

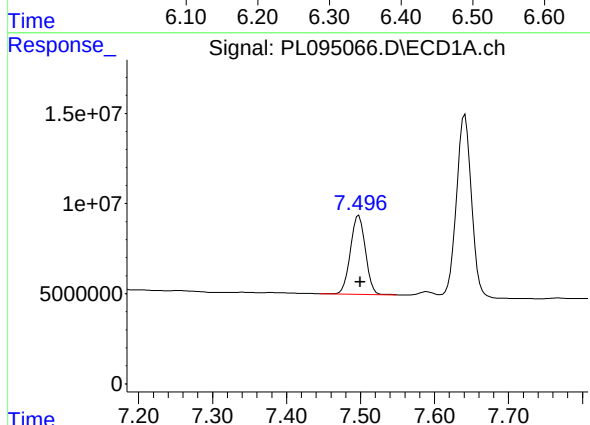
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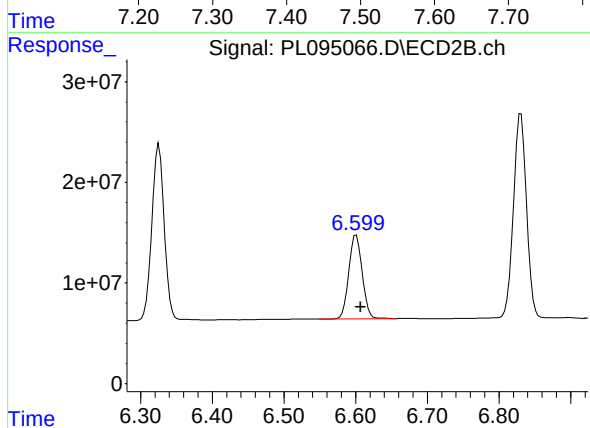
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 211158391
Conc: 51.84 ng/ml



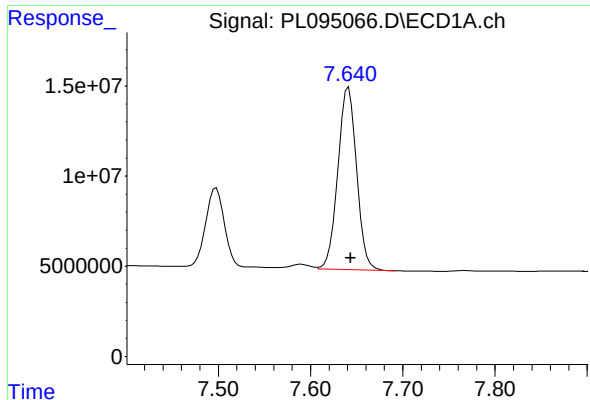
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 61537344
Conc: 51.41 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 108349190
Conc: 51.08 ng/ml



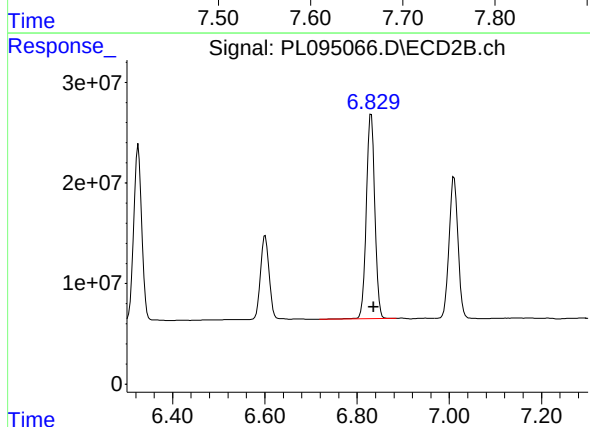
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 142557405
Conc: 53.93 ng/ml

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

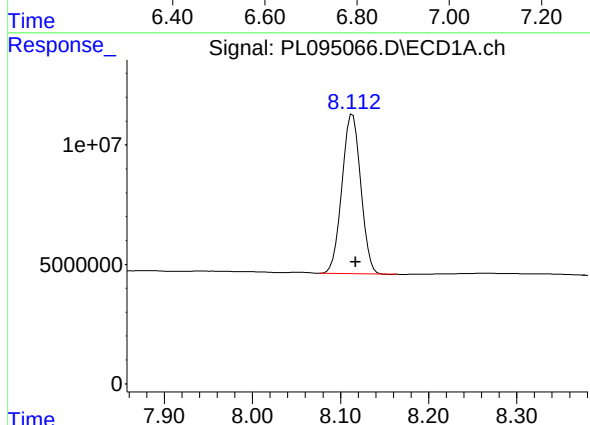
Manual Integrations
APPROVED

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



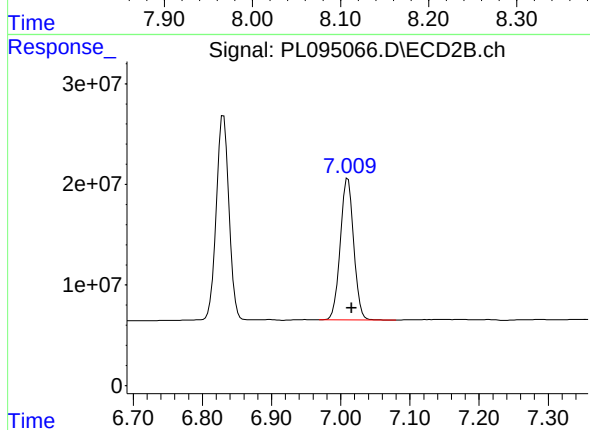
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 259815640
Conc: 54.44 ng/ml



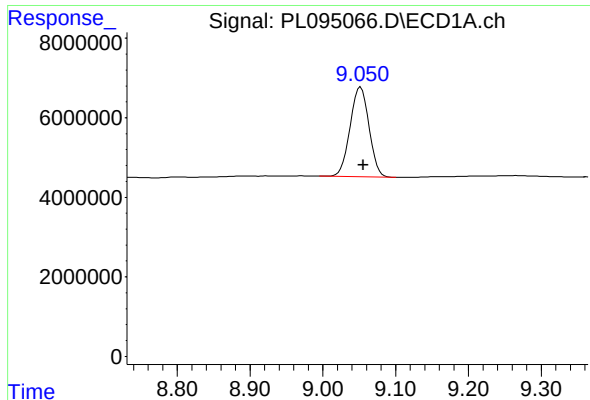
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 99085621
Conc: 47.95 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.005 min
Response: 189272534
Conc: 49.87 ng/ml



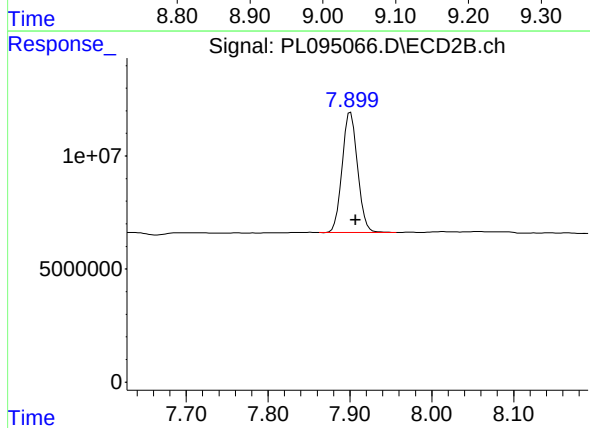
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 40713257
Conc: 19.32 ng/ml

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

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 69629312
Conc: 17.24 ng/ml