

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 18:17
 Operator : AR\AJ
 Sample : Q1752-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-2MS

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 01:24:50 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...	3.535	2.768	55296306	70885991	19.535	19.860
28) SA Decachlor...	9.047	7.899	39861698	67272515	18.915	16.654
Target Compounds						
2) A alpha-BHC	3.991	3.270	182.4E6	269.4E6	43.936	49.972
3) MA gamma-BHC...	4.323	3.599	173.8E6	257.2E6	43.552	50.049
4) MA Heptachlor	4.910	3.936	159.9E6	240.6E6	41.197	45.663
5) MB Aldrin	5.252	4.216	154.3E6	227.6E6	41.782	46.670
6) B beta-BHC	4.522	3.900	80756788	113.1E6	43.765	50.905
7) B delta-BHC	4.769	4.128	176.7E6	228.3E6	45.375	45.641
8) B Heptachlo...	5.678	4.718	140.3E6	216.7E6	41.928	47.326
9) A Endosulfan I	6.064	5.087	133.7E6	206.4E6	43.535	47.024
10) B gamma-Chl...	5.935	4.966	150.1E6	235.0E6	44.556	48.671m
11) B alpha-Chl...	6.013	5.031	151.8E6	229.8E6	46.048	48.148
12) B 4,4'-DDE	6.186	5.220	145.9E6	228.1E6	49.576m	49.068
13) MA Dieldrin	6.339	5.351	143.6E6	225.5E6	44.897	46.474
14) MA Endrin	6.569	5.627	118.5E6	195.1E6	42.738	44.719
15) B Endosulfa...	6.788	5.921	124.7E6	196.2E6	45.940m	45.318m
16) A 4,4'-DDD	6.704	5.774	116.0E6	175.6E6	53.544m	48.838
17) MA 4,4'-DDT	7.019	6.025	113.6E6	184.5E6	47.768	45.750
18) B Endrin al...	6.920	6.101	95582785	148.0E6	45.279	43.984
19) B Endosulfa...	7.153	6.324	110.3E6	184.8E6	45.356	45.375
20) A Methoxychlor	7.495	6.599	55343909	90842736	46.233	42.829
21) B Endrin ke...	7.638	6.827	126.0E6	211.5E6	47.666	44.309m
22) Mirex	8.111	7.007	87368411	160.7E6	42.283	42.330

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 18:17
Operator : AR\AJ
Sample : Q1752-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

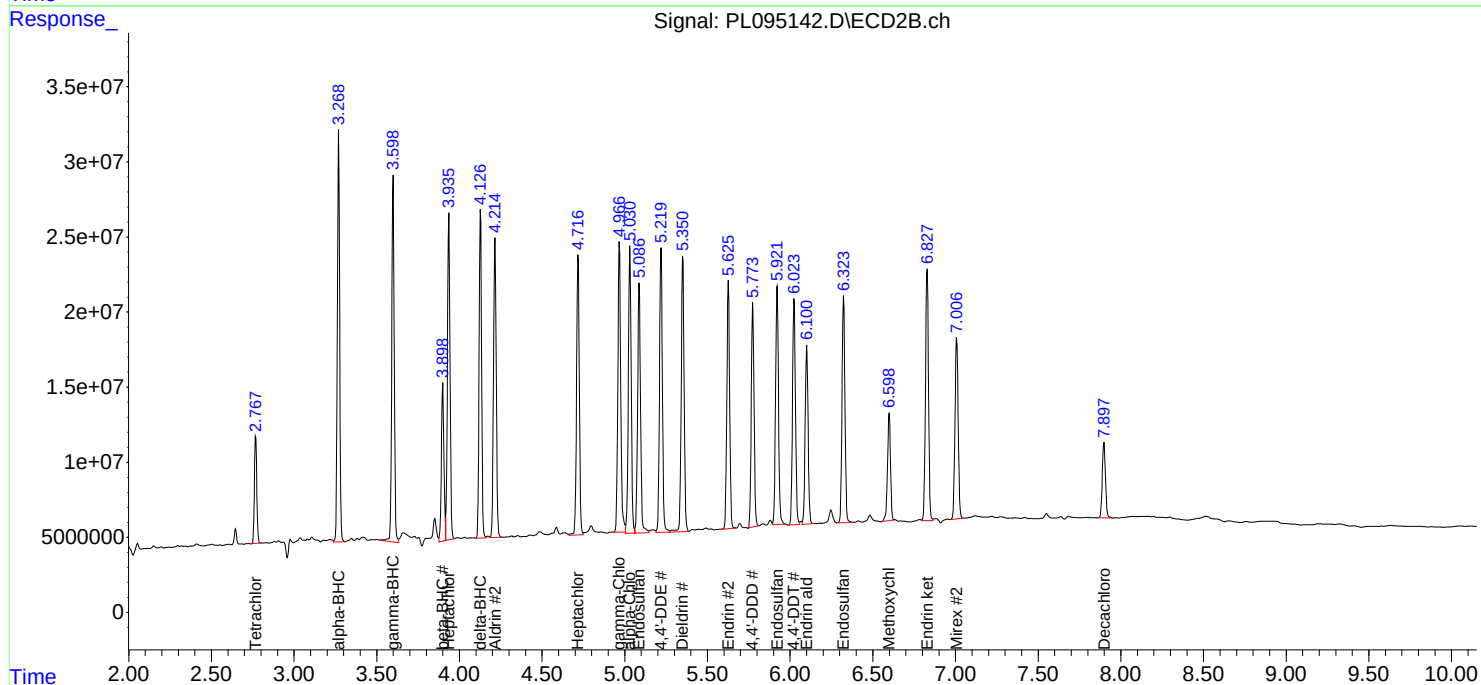
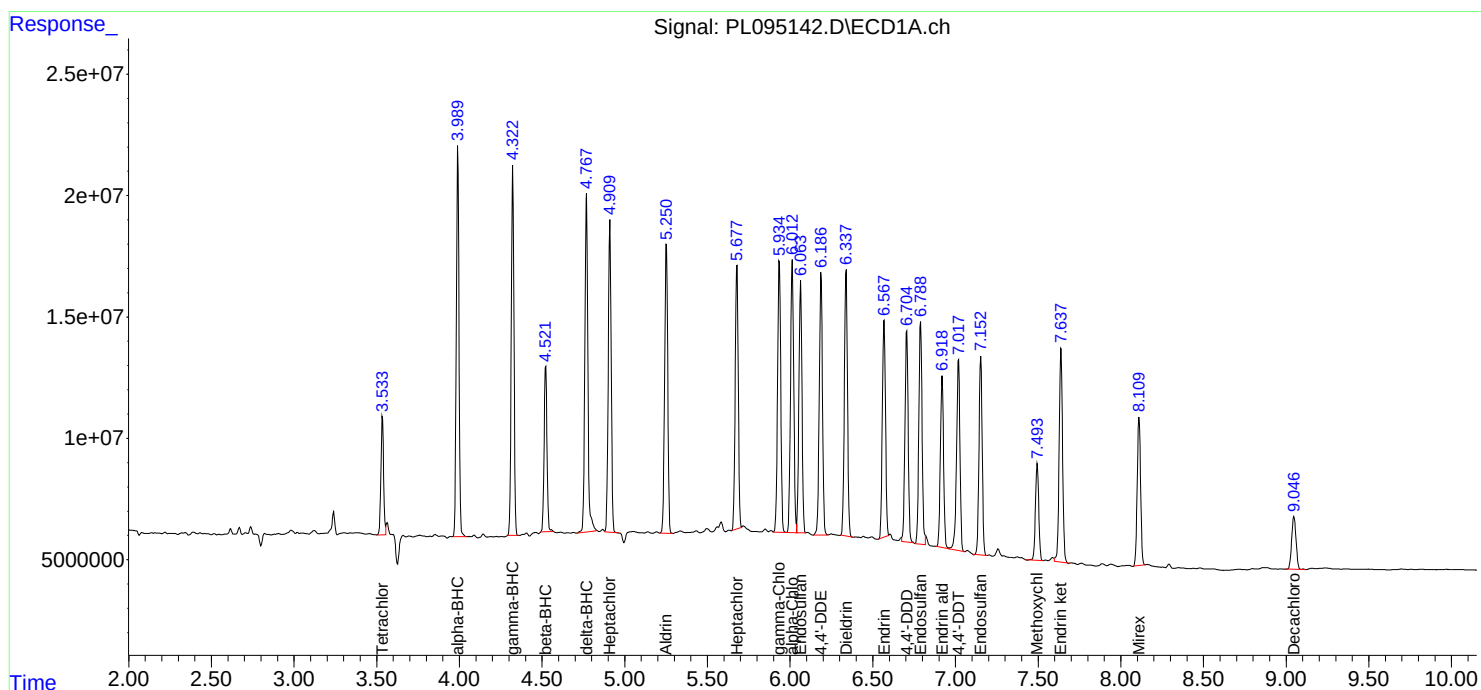
Instrument :
ECD_L
ClientSampleId :
TP-2MS

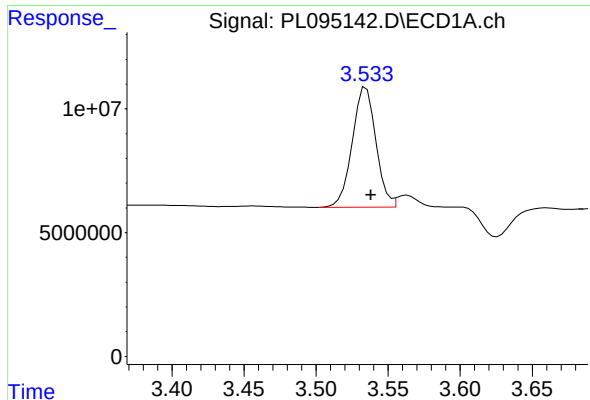
Manual Integrations
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Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:24:50 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





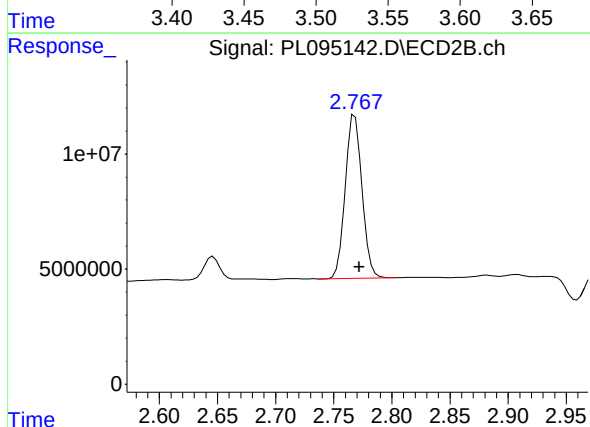
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 55296306
Conc: 19.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

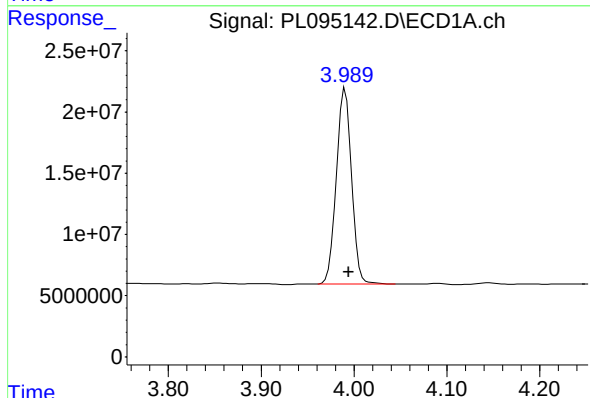
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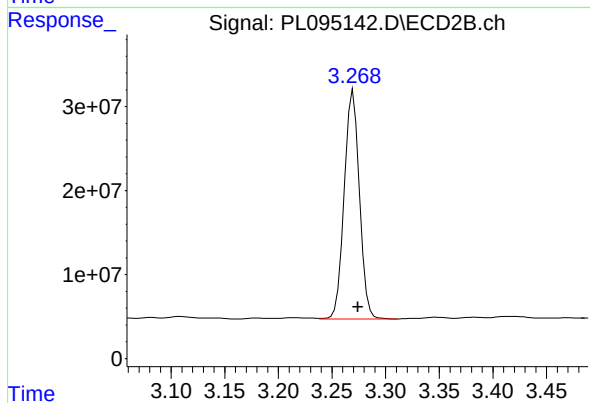
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 70885991
Conc: 19.86 ng/ml



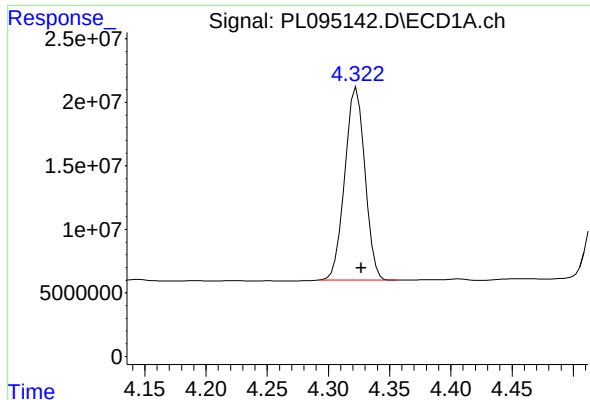
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.004 min
Response: 182437725
Conc: 43.94 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 269417618
Conc: 49.97 ng/ml



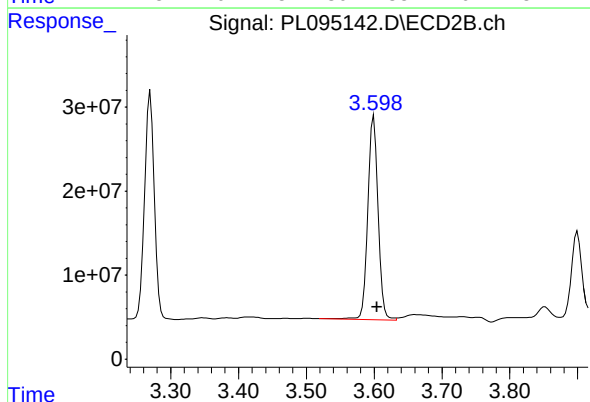
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 173783684
Conc: 43.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

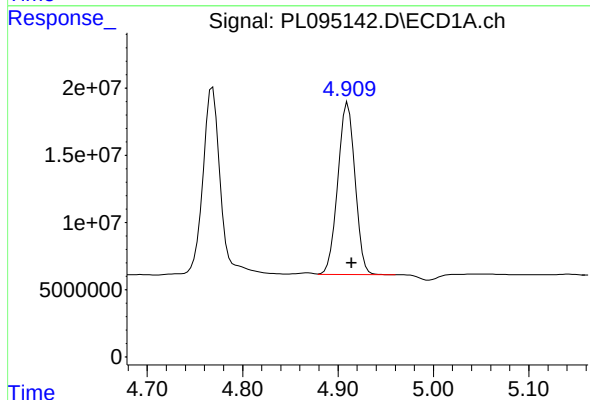
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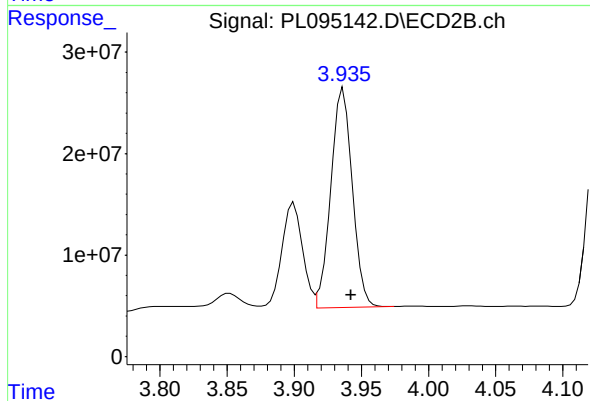
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 257225806
Conc: 50.05 ng/ml



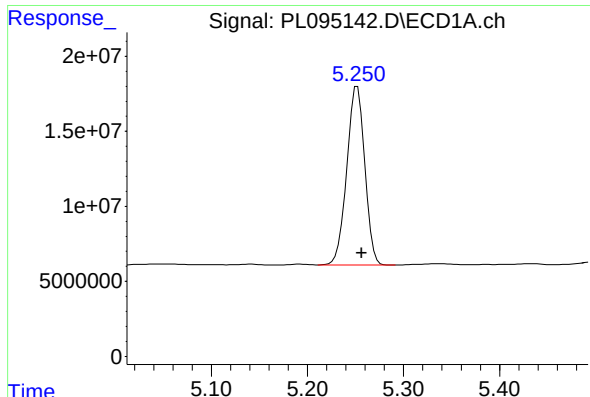
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 159909648
Conc: 41.20 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.006 min
Response: 240583706
Conc: 45.66 ng/ml



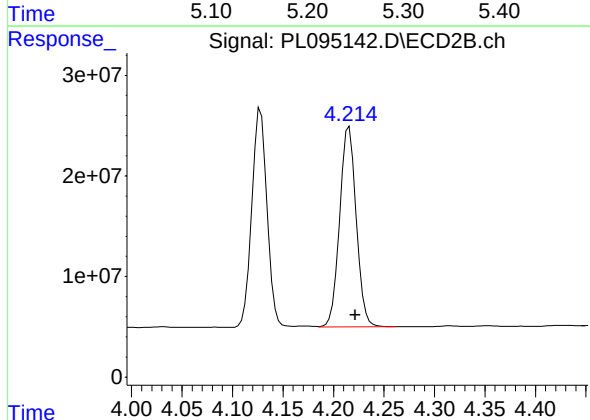
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 154269392
Conc: 41.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

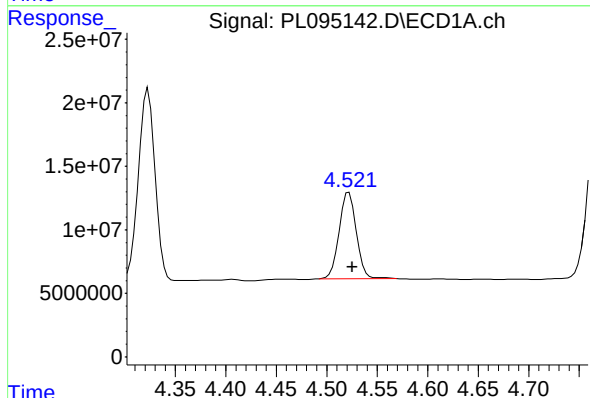
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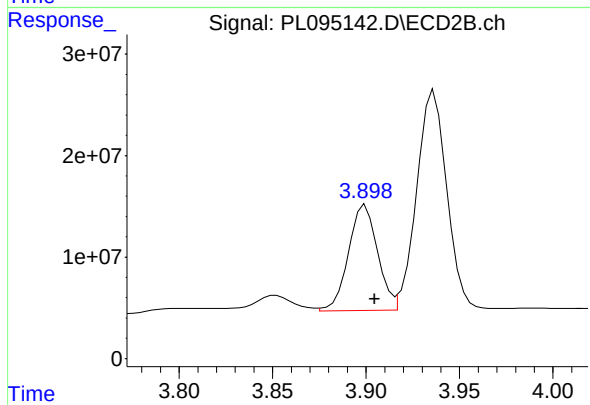
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.006 min
Response: 227580290
Conc: 46.67 ng/ml



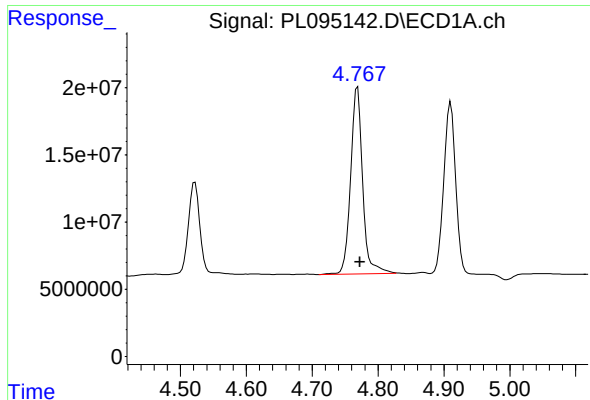
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 80756788
Conc: 43.77 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 113074334
Conc: 50.90 ng/ml



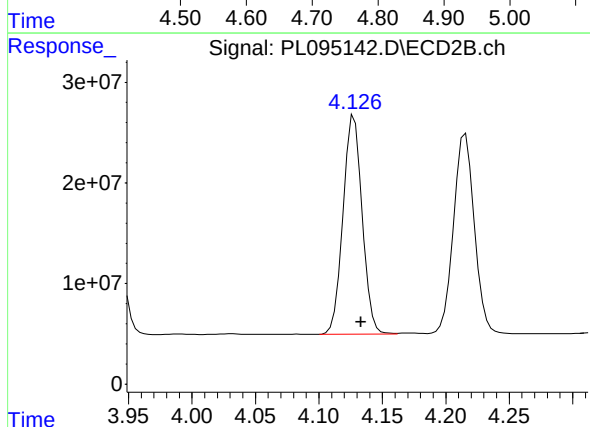
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 176703499
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

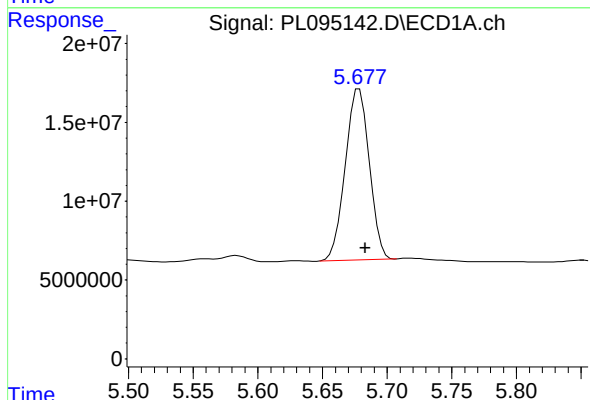
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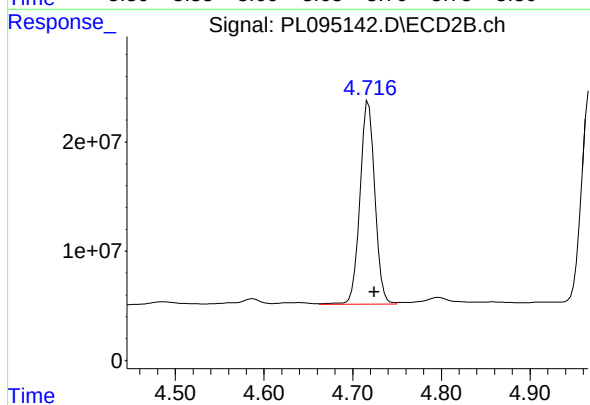
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.005 min
Response: 228295971
Conc: 45.64 ng/ml



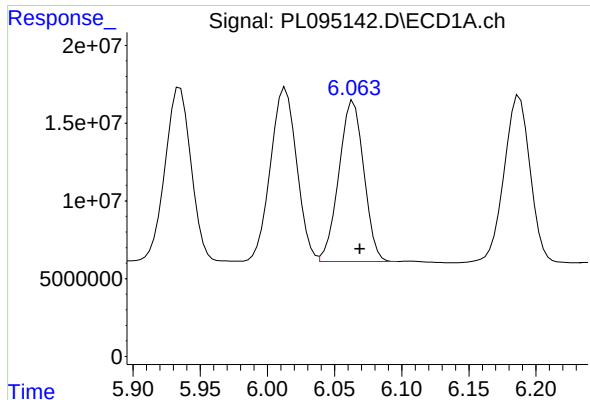
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 140256239
Conc: 41.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 216687610
Conc: 47.33 ng/ml



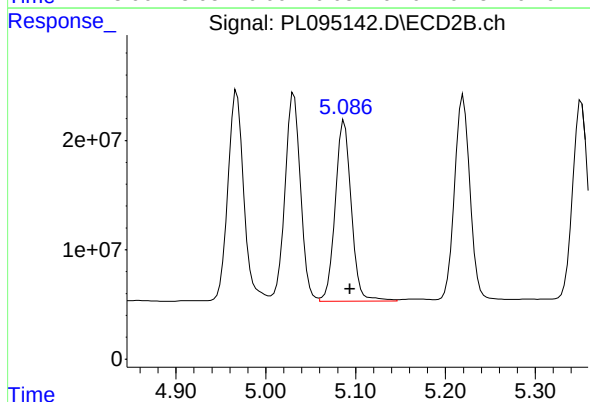
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 133662836
Conc: 43.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

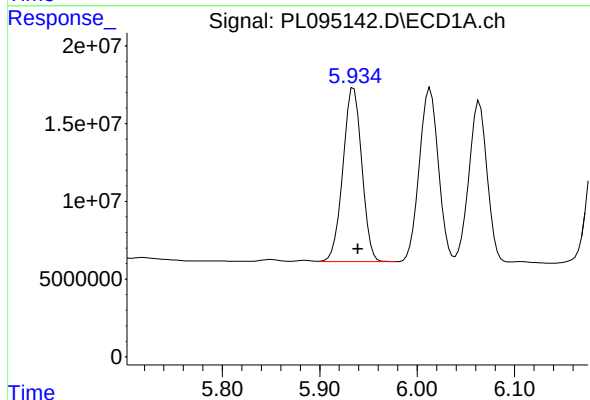
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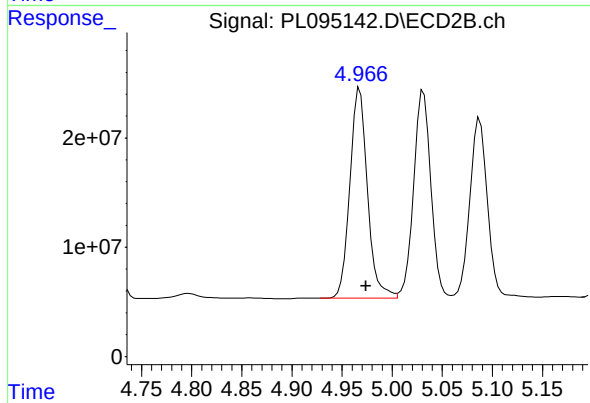
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: -0.007 min
Response: 206374113
Conc: 47.02 ng/ml



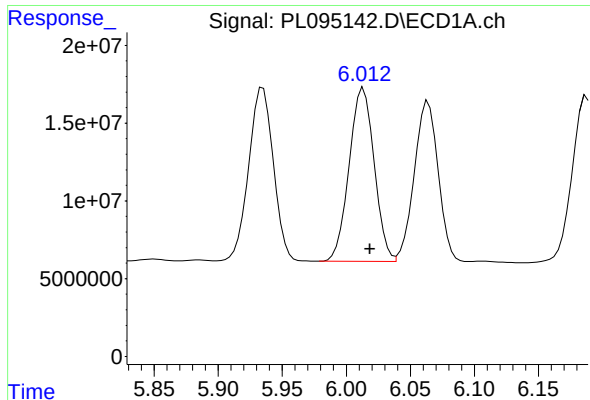
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 150126780
Conc: 44.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.008 min
Response: 235003754
Conc: 48.67 ng/ml m



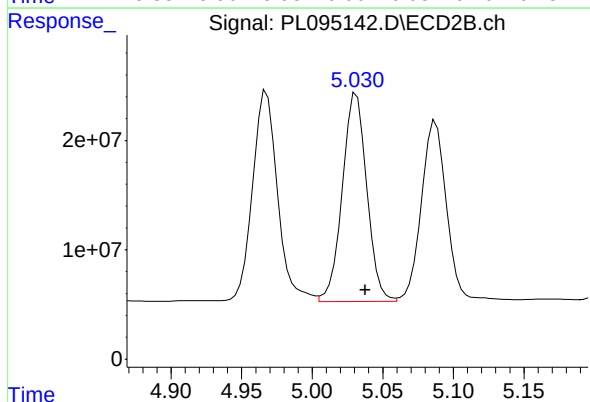
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 151811270
Conc: 46.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

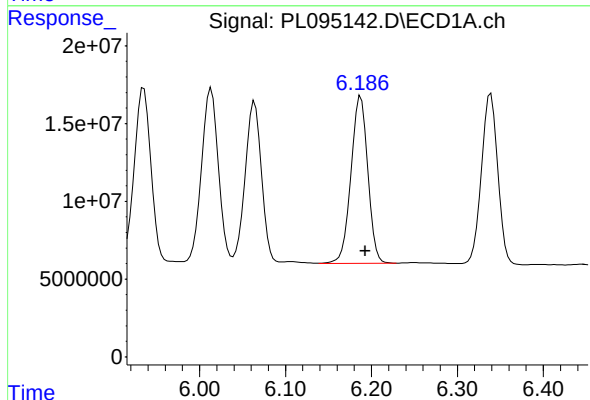
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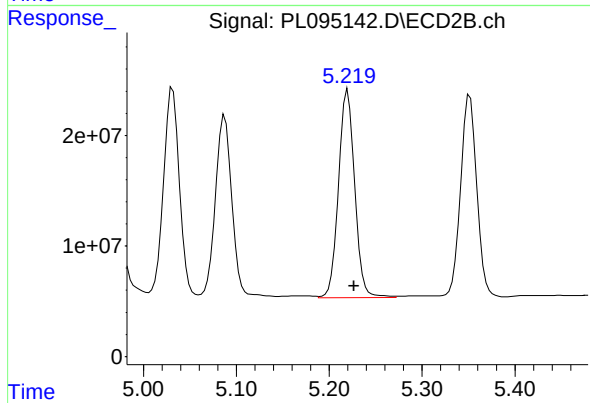
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: -0.006 min
Response: 229801309
Conc: 48.15 ng/ml



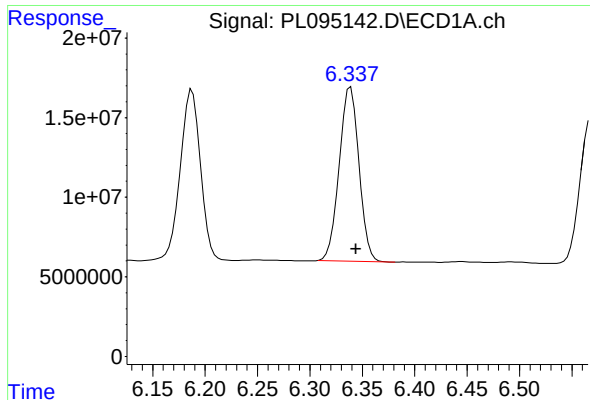
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.007 min
Response: 145855061
Conc: 49.58 ng/ml m



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 228094782
Conc: 49.07 ng/ml



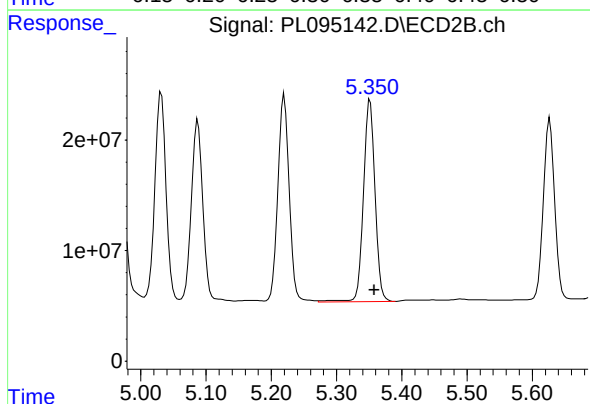
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 143585419
Conc: 44.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

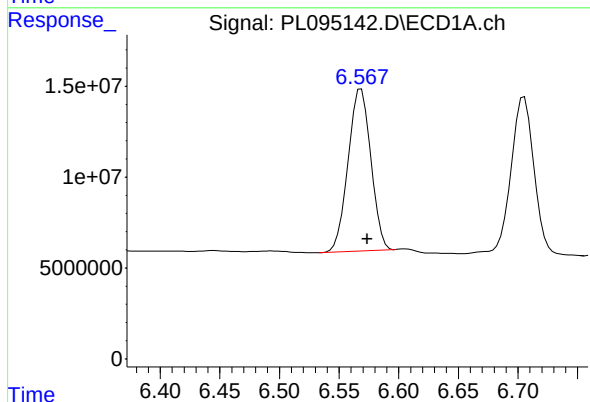
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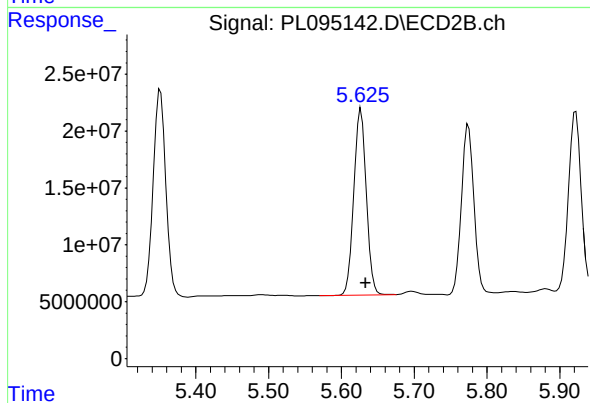
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: -0.007 min
Response: 225482934
Conc: 46.47 ng/ml



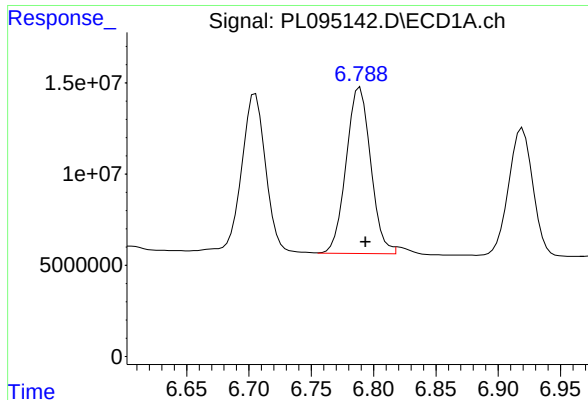
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 118474018
Conc: 42.74 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 195137350
Conc: 44.72 ng/ml



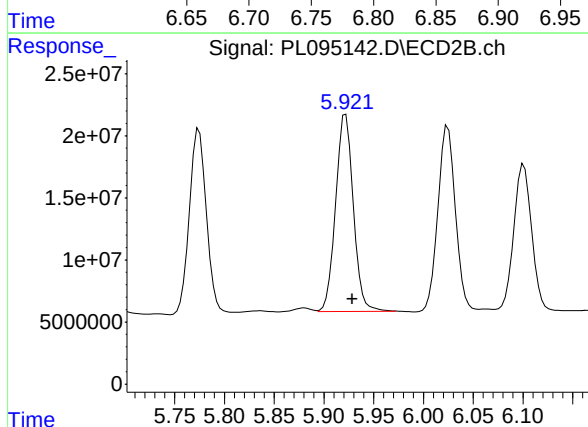
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.006 min
Response: 124714469
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

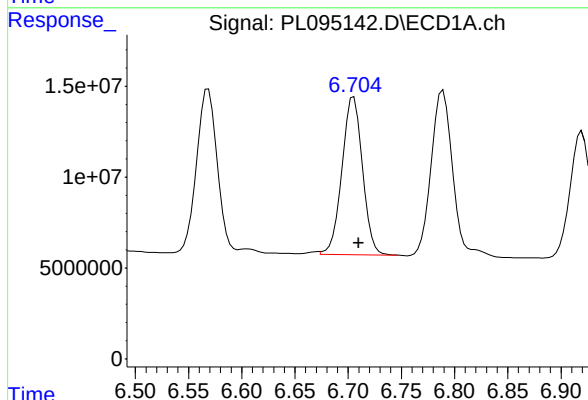
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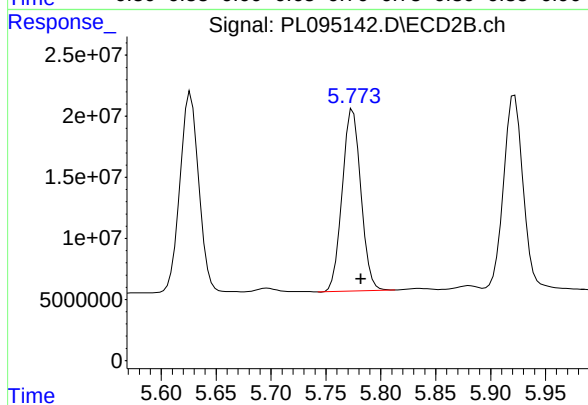
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: -0.008 min
Response: 196150102
Conc: 45.32 ng/ml m



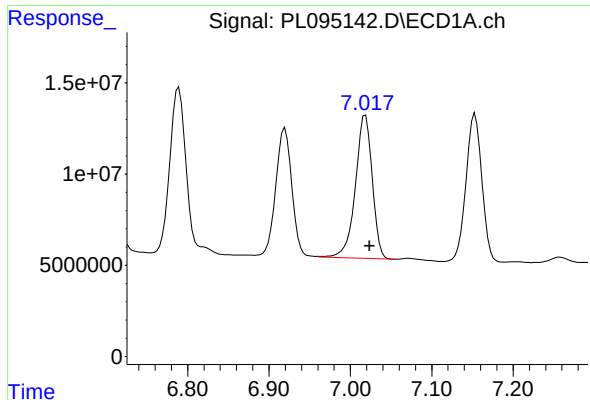
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 115980732
Conc: 53.54 ng/ml m



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: -0.007 min
Response: 175617953
Conc: 48.84 ng/ml



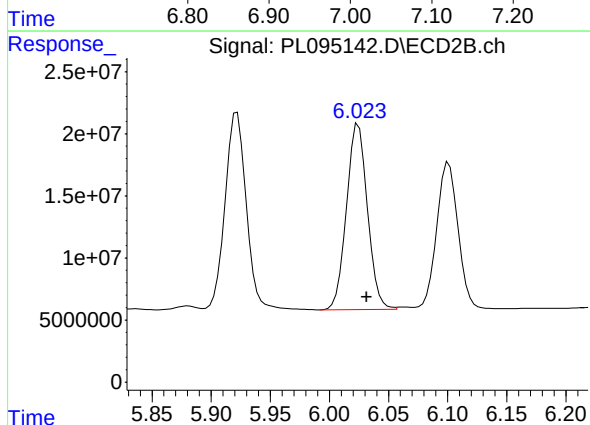
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.005 min
Response: 113617657
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

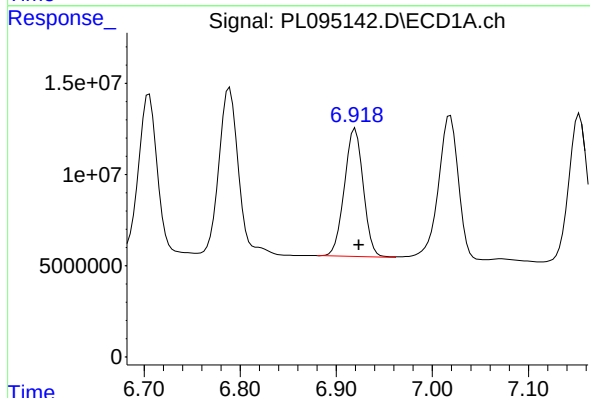
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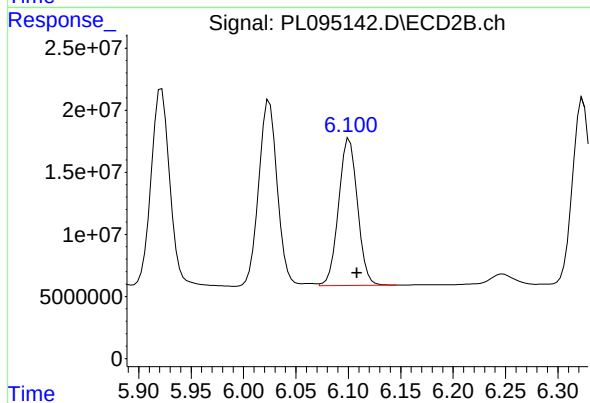
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: -0.007 min
Response: 184467767
Conc: 45.75 ng/ml



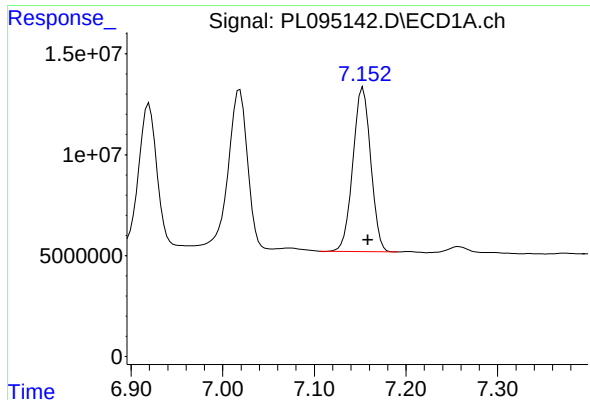
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 95582785
Conc: 45.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: -0.007 min
Response: 148022231
Conc: 43.98 ng/ml



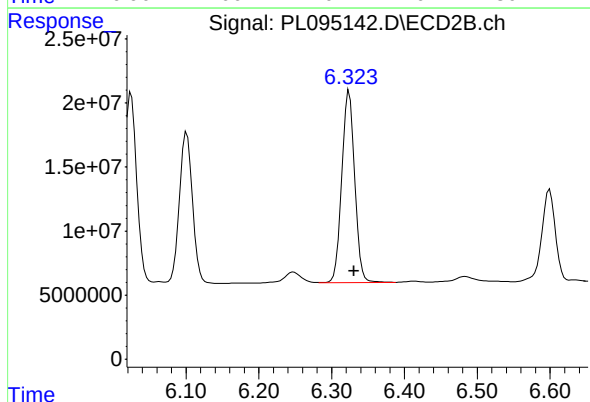
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.005 min
Response: 110306113
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

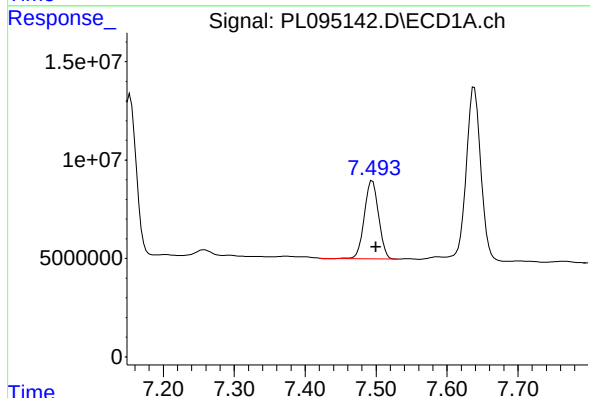
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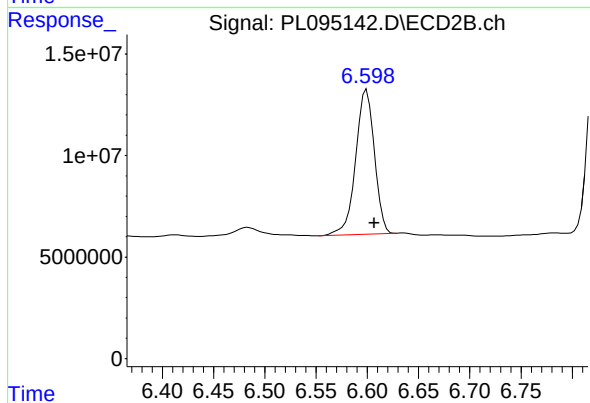
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: -0.007 min
Response: 184830218
Conc: 45.37 ng/ml



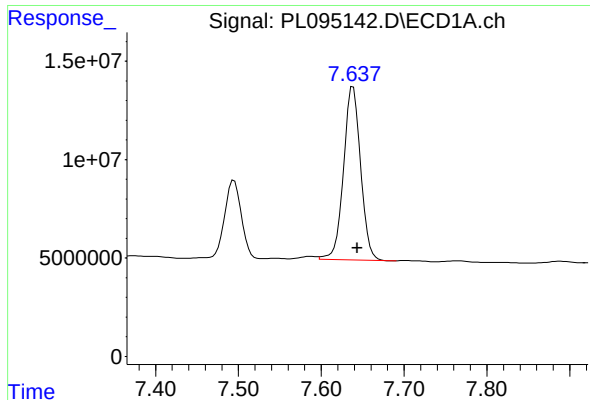
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: -0.005 min
Response: 55343909
Conc: 46.23 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 90842736
Conc: 42.83 ng/ml



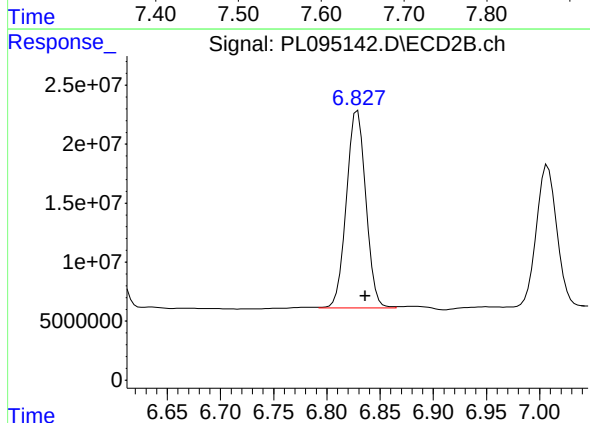
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.005 min
Response: 125995242
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

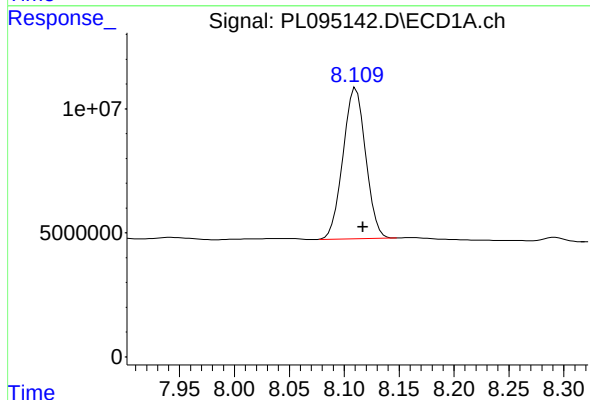
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Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



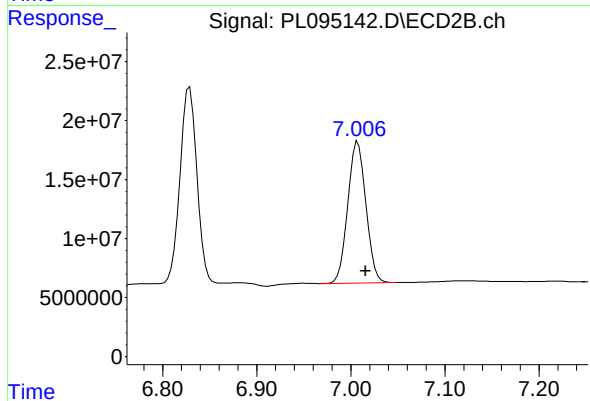
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.008 min
Response: 211466506
Conc: 44.31 ng/ml m



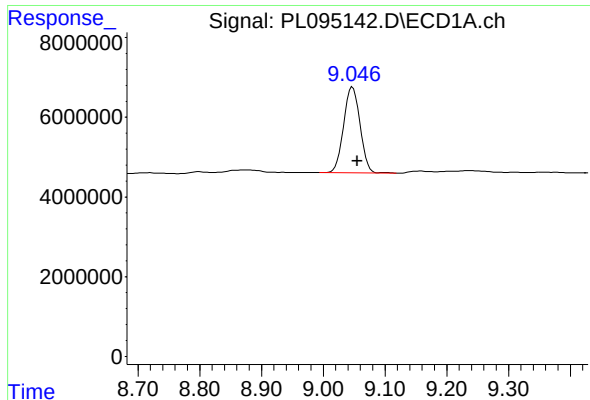
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 87368411
Conc: 42.28 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: -0.008 min
Response: 160655138
Conc: 42.33 ng/ml



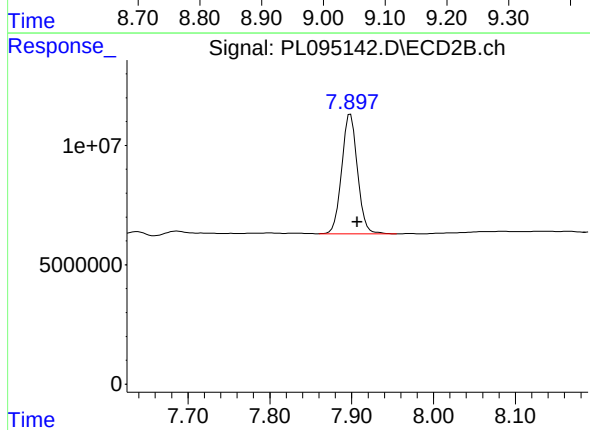
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.008 min
Response: 39861698
Conc: 18.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.008 min
Response: 67272515
Conc: 16.65 ng/ml