

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
 Data File : PL095106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 13:44
 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 04/09/2025
 Supervised By :mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 22:41:30 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	2.768	47196151	60565051	16.673m	16.968
28) SA Decachlor...	9.053	7.902	40518687	70543496	19.226	17.464
Target Compounds						
2) A alpha-BHC	3.992	3.270	184.5E6	271.3E6	44.428	50.325
3) MA gamma-BHC...	4.324	3.598	177.1E6	251.2E6	44.378	48.885m
4) MA Heptachlor	4.912	3.937	171.0E6	248.9E6	44.048	47.234
5) MB Aldrin	5.253	4.216	163.9E6	230.7E6	44.397	47.310
6) B beta-BHC	4.524	3.901	82412055	108.7E6	44.663	48.940
7) B delta-BHC	4.770	4.129	172.4E6	232.7E6	44.283	46.522
8) B Heptachlo...	5.680	4.719	150.2E6	216.3E6	44.903	47.238
9) A Endosulfan I	6.066	5.089	145.1E6	207.3E6	47.256	47.226
10) B gamma-Chl...	5.937	4.969	154.1E6	226.2E6	45.744	46.841
11) B alpha-Chl...	6.015	5.033	154.9E6	224.2E6	46.976	46.981
12) B 4,4'-DDE	6.189	5.221	154.2E6	229.6E6	52.416	49.397
13) MA Dieldrin	6.341	5.353	154.8E6	229.3E6	48.408	47.259
14) MA Endrin	6.571	5.627	131.2E6	216.1E6	47.342	49.520m
15) B Endosulfa...	6.792	5.923	134.2E6	207.8E6	49.424	48.019
16) A 4,4'-DDD	6.706	5.777	118.0E6	182.3E6	54.488m	50.699
17) MA 4,4'-DDT	7.021	6.026	124.2E6	206.0E6	52.220	51.095
18) B Endrin al...	6.921	6.103	102.5E6	159.0E6	48.568	47.252
19) B Endosulfa...	7.157	6.326	119.8E6	199.1E6	49.271	48.878
20) A Methoxychlor	7.498	6.600	67075727	112.8E6	56.033	53.168m
21) B Endrin ke...	7.642	6.829	132.9E6	237.9E6	50.296	49.853m
22) Mirex	8.114	7.010	95755936	184.9E6	46.342	48.711

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
 Data File : PL095106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 13:44
 Operator : AR\AJ
 Sample : Q1730-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

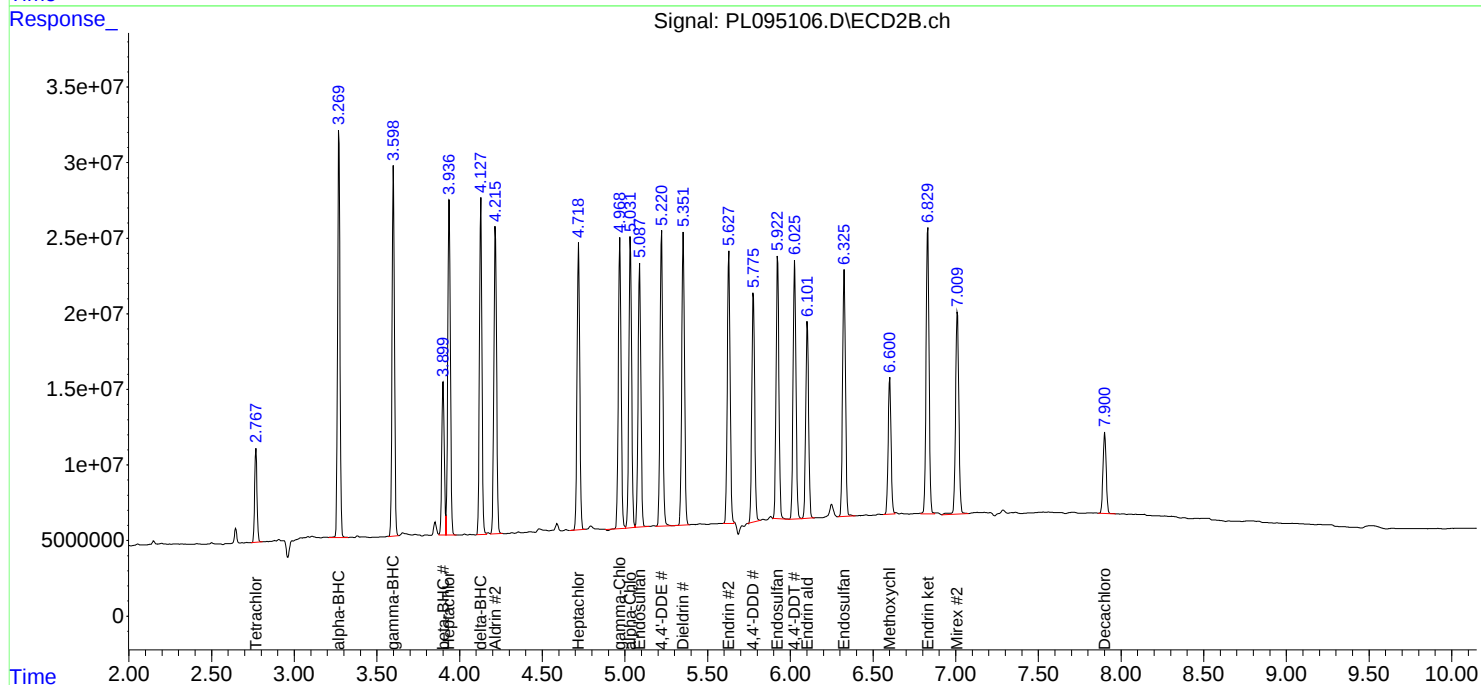
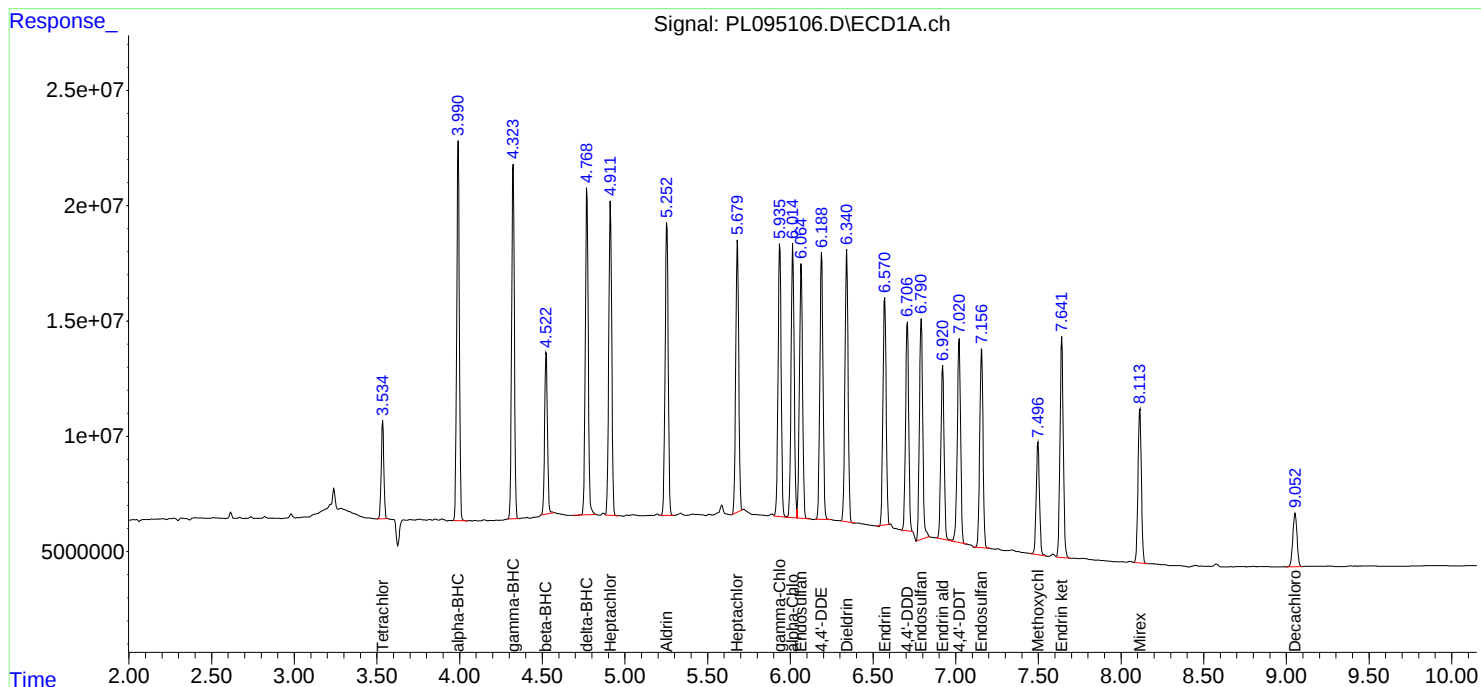
Instrument :
 ECD_L
 ClientSampleId :
 OU4-VSL-15-040325MSD

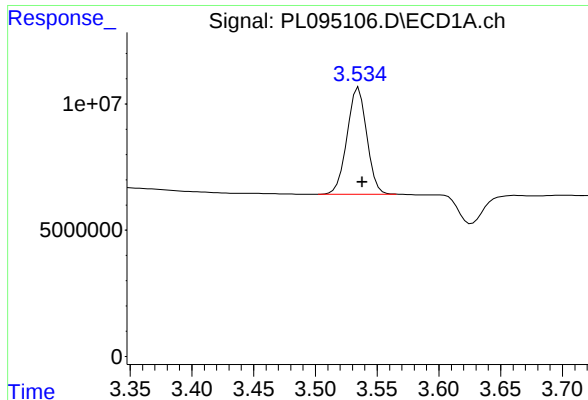
Manual Integrations
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 Supervised By :mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 22:41:30 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





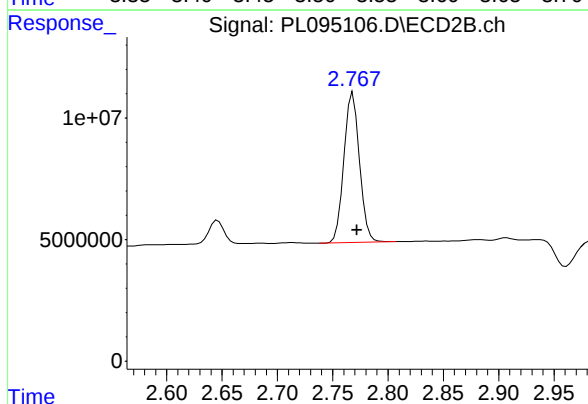
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 47196151
Conc: 16.67 ng/ml

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

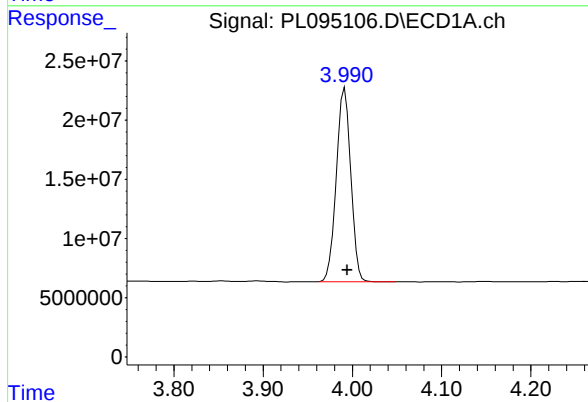
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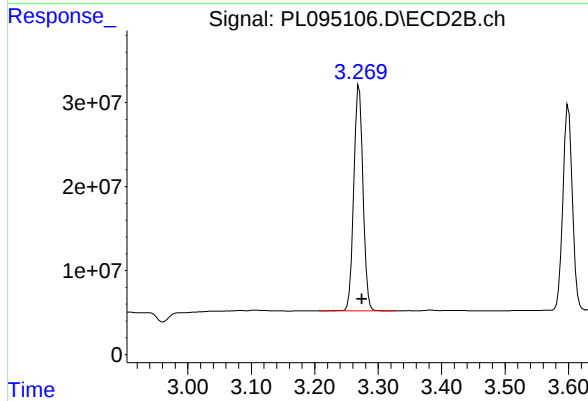
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 60565051
Conc: 16.97 ng/ml



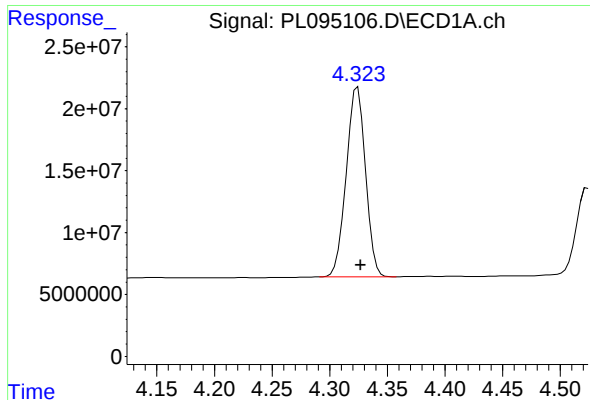
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 184479516
Conc: 44.43 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 271318589
Conc: 50.32 ng/ml



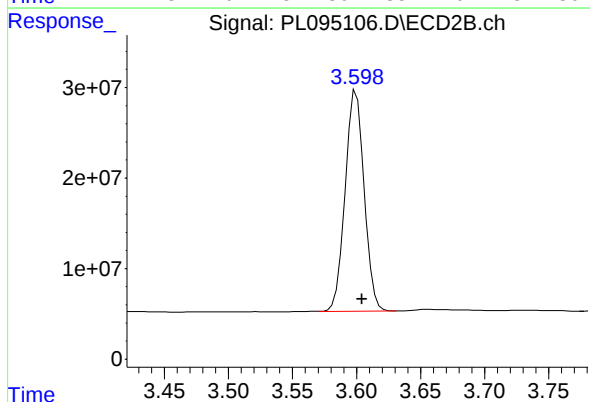
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 177081595
Conc: 44.38 ng/ml

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

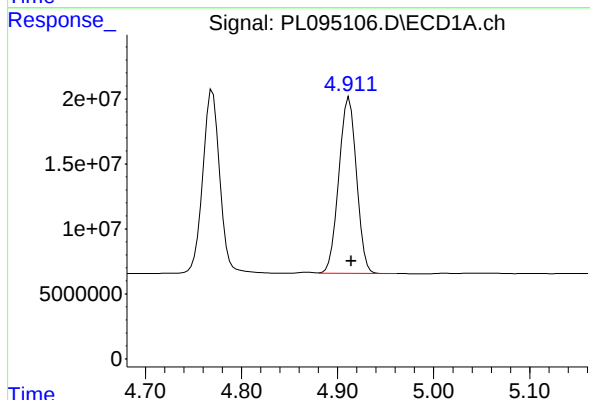
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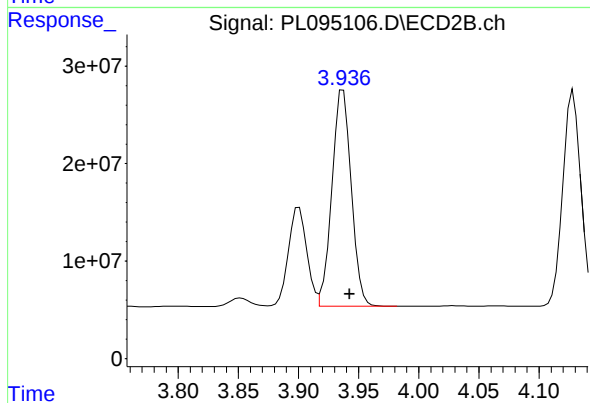
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 251244093
Conc: 48.89 ng/ml



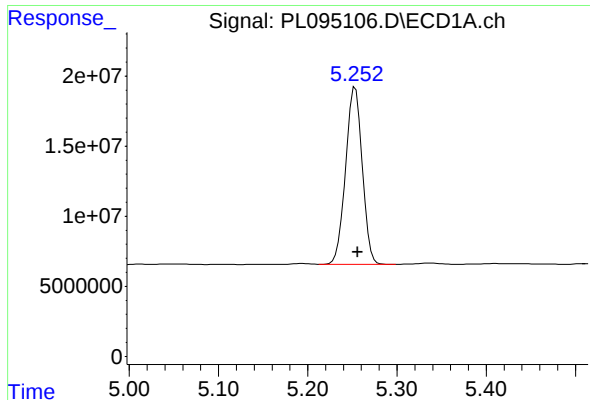
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 170976397
Conc: 44.05 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.005 min
Response: 248861620
Conc: 47.23 ng/ml



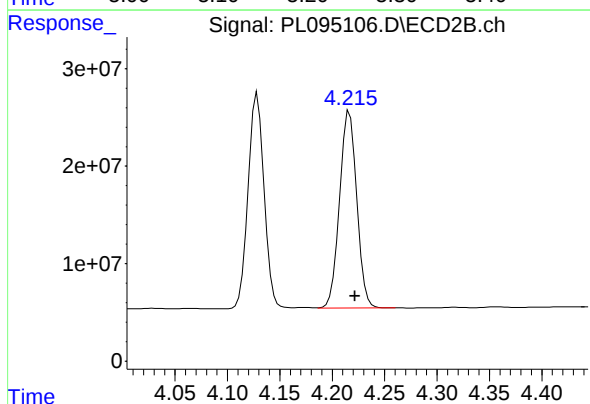
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 163923640
Conc: 44.40 ng/ml

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

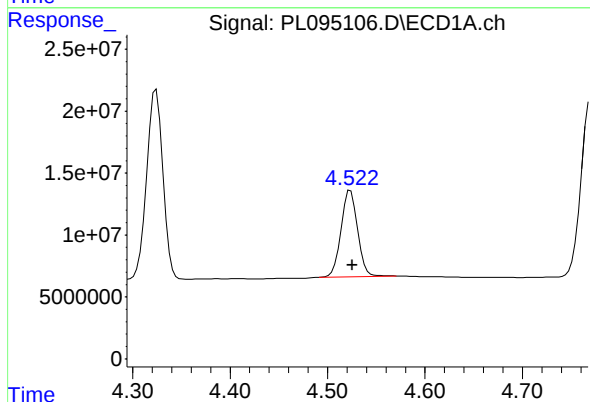
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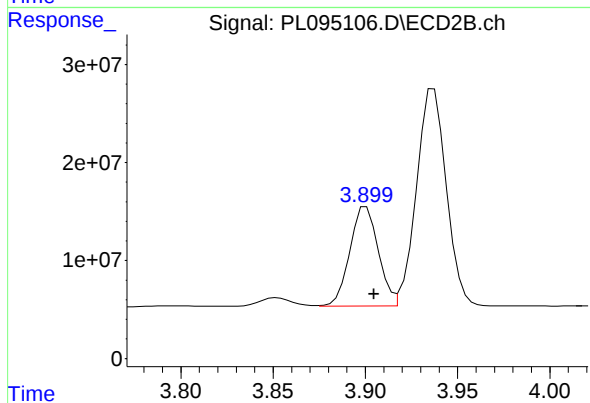
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.005 min
Response: 230698476
Conc: 47.31 ng/ml



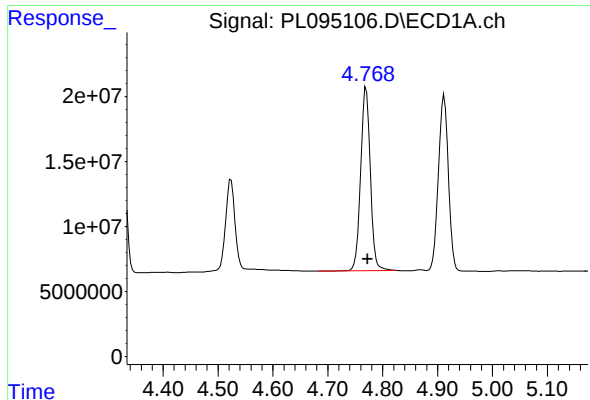
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 82412055
Conc: 44.66 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 108710519
Conc: 48.94 ng/ml



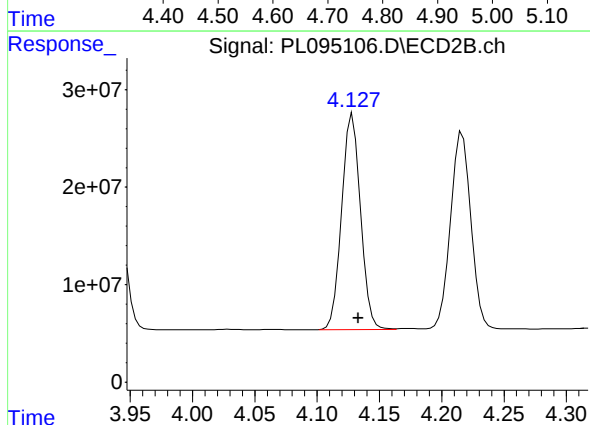
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 172449741
Conc: 44.28 ng/ml

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

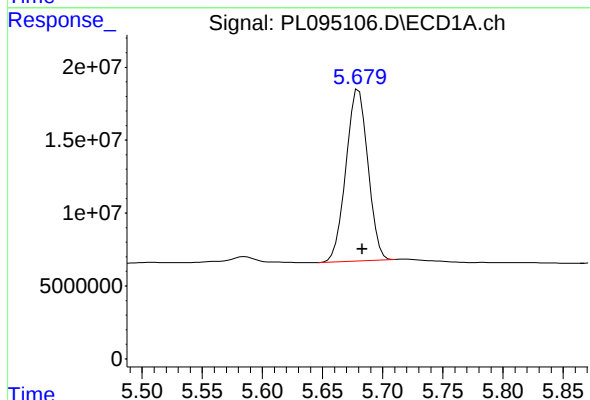
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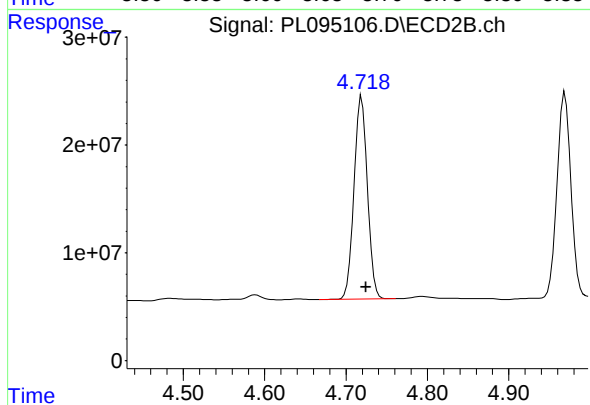
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.005 min
Response: 232701549
Conc: 46.52 ng/ml



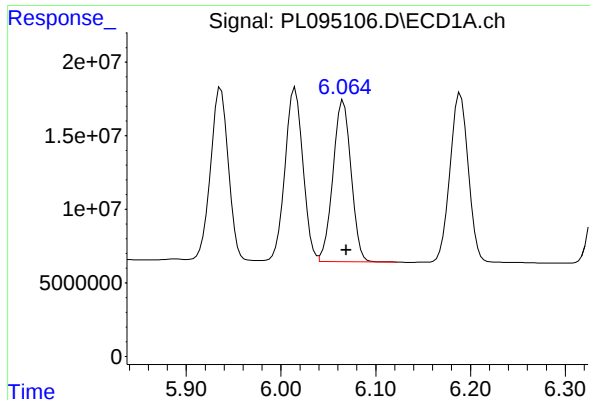
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 150210678
Conc: 44.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 216282293
Conc: 47.24 ng/ml



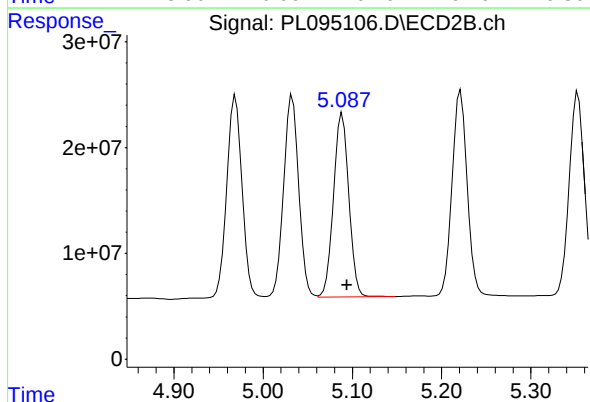
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 145085274
Conc: 47.26 ng/ml

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

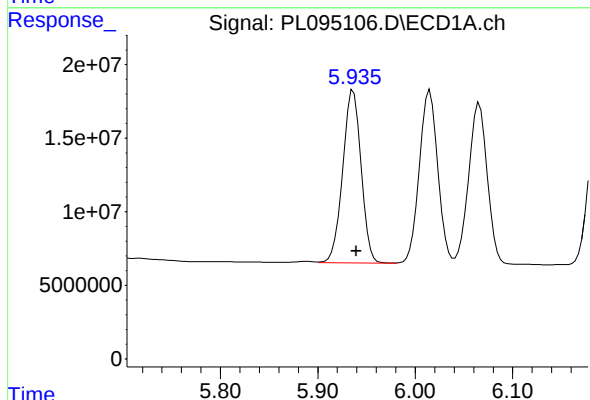
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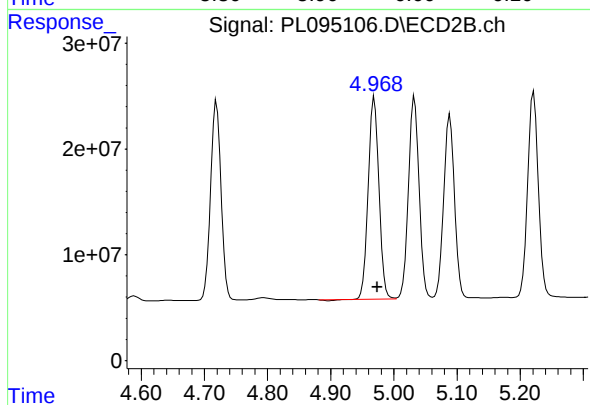
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 207262905
Conc: 47.23 ng/ml



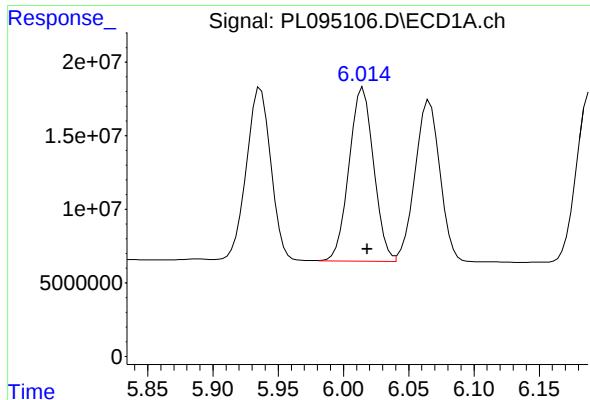
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 154128825
Conc: 45.74 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 226167618
Conc: 46.84 ng/ml



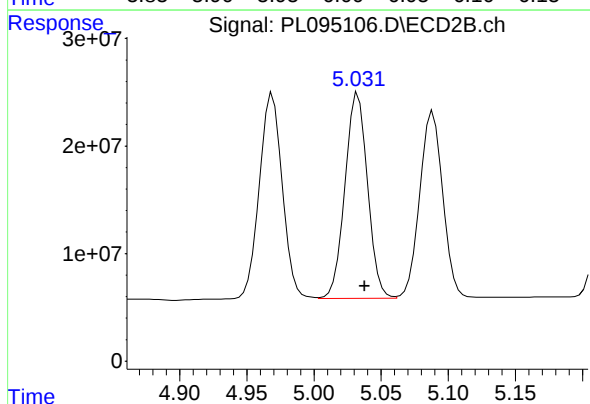
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 154871993
Conc: 46.98 ng/ml

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

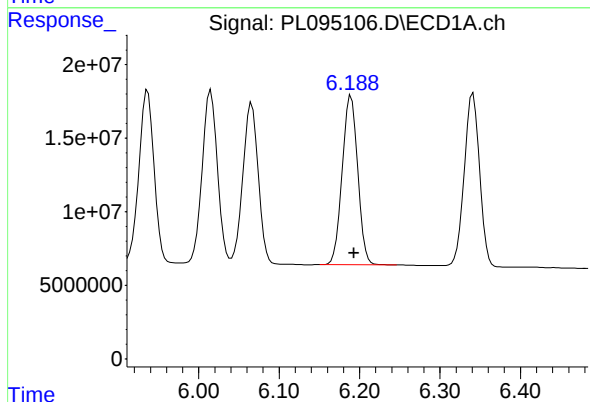
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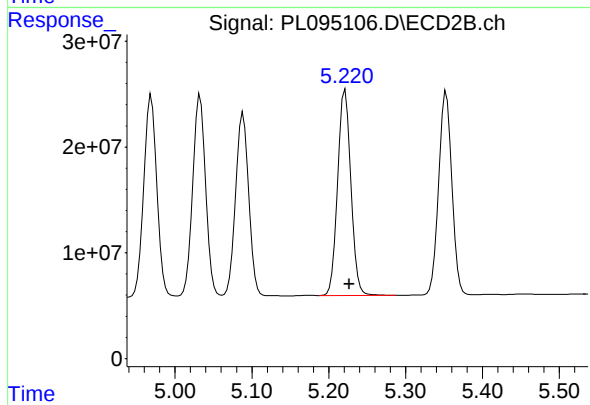
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 224228475
Conc: 46.98 ng/ml



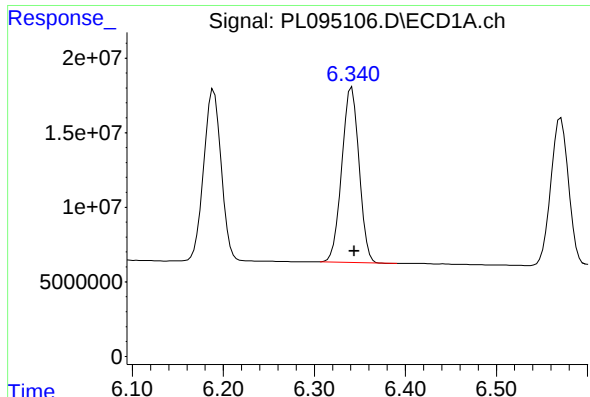
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 154212133
Conc: 52.42 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.005 min
Response: 229622209
Conc: 49.40 ng/ml



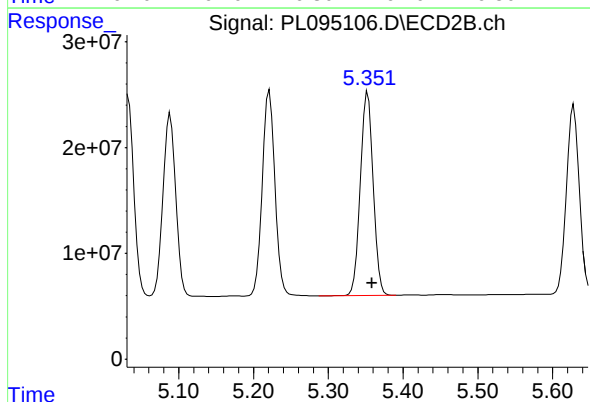
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 154814845
Conc: 48.41 ng/ml

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

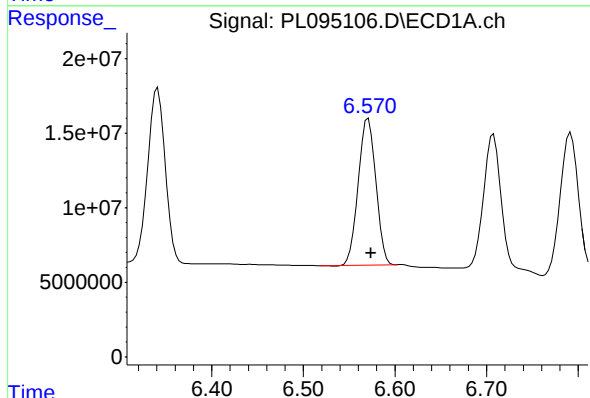
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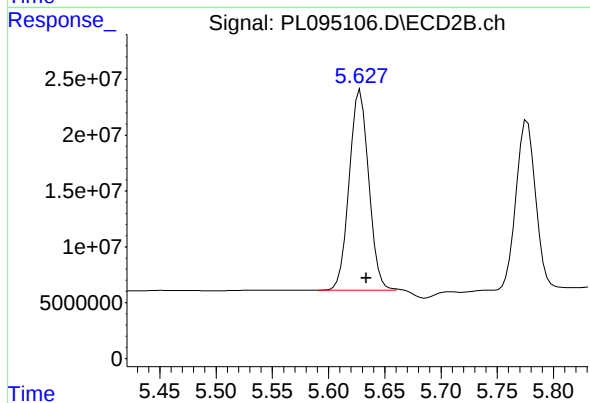
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.006 min
Response: 229292753
Conc: 47.26 ng/ml



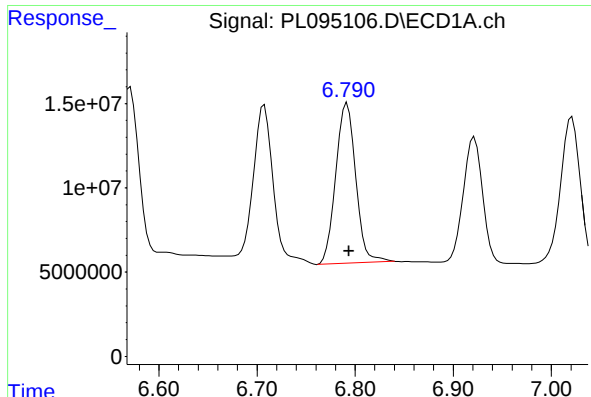
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 131234828
Conc: 47.34 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 216087489
Conc: 49.52 ng/ml m



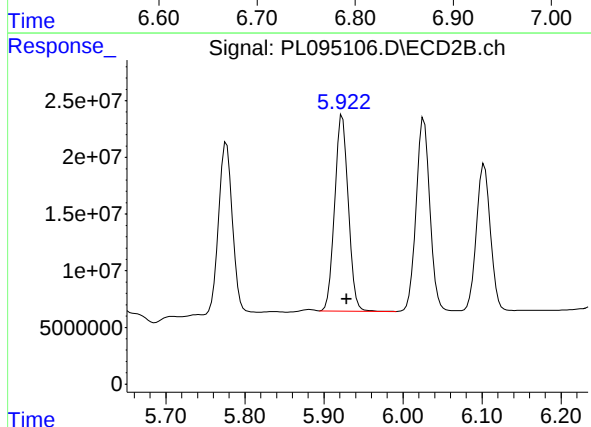
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 134172096
Conc: 49.42 ng/ml

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

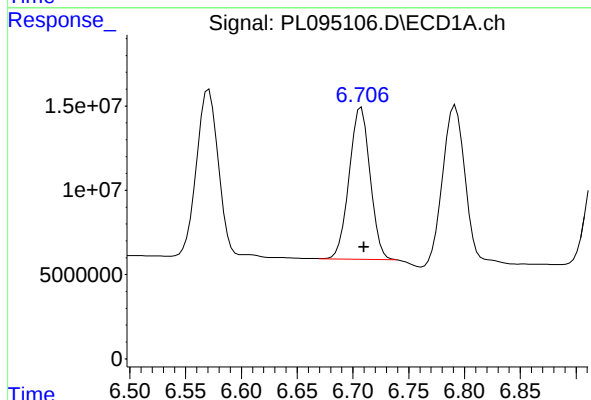
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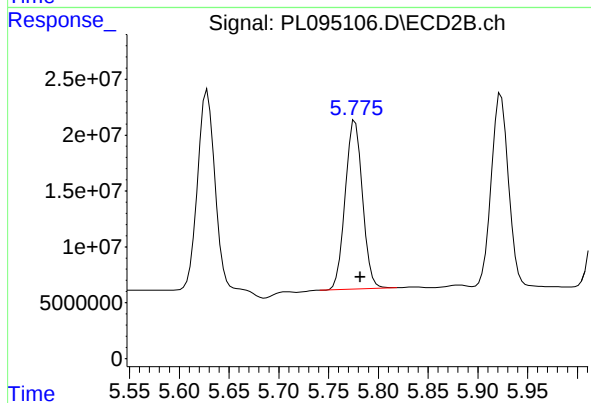
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 207840853
Conc: 48.02 ng/ml



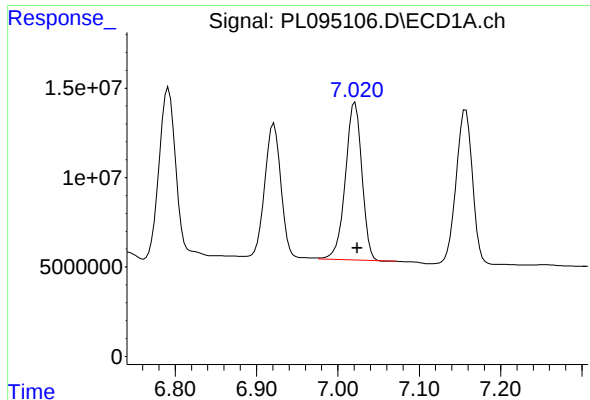
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 118023850
Conc: 54.49 ng/ml m



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 182307156
Conc: 50.70 ng/ml



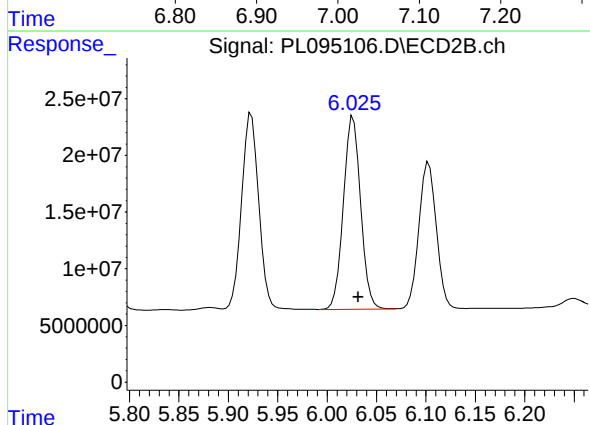
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 124207942
Conc: 52.22 ng/ml

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

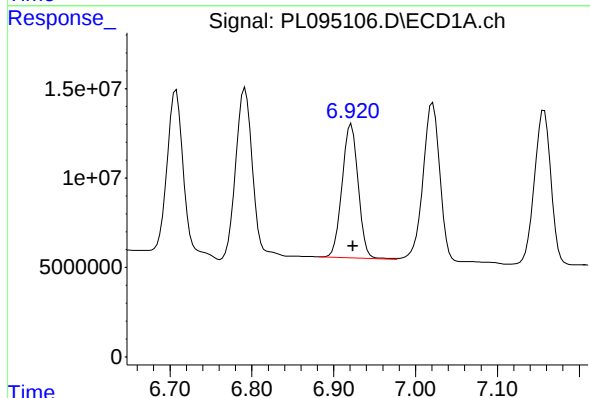
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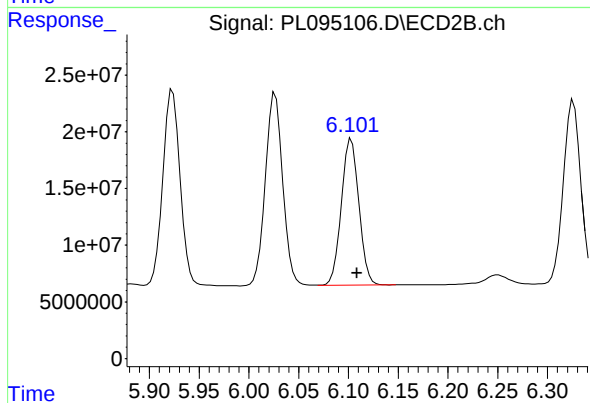
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.005 min
Response: 206018935
Conc: 51.09 ng/ml



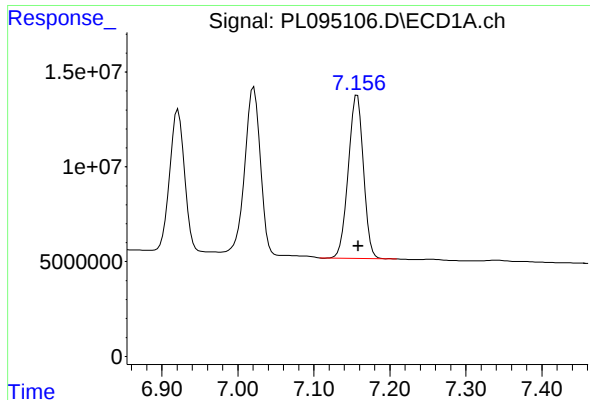
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 102527180
Conc: 48.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 159019696
Conc: 47.25 ng/ml



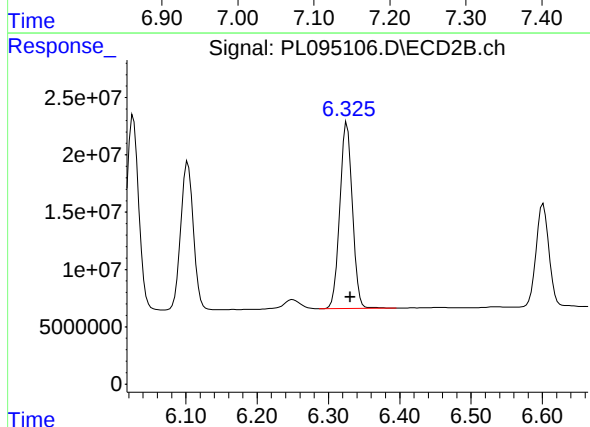
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 119828339
Conc: 49.27 ng/ml

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

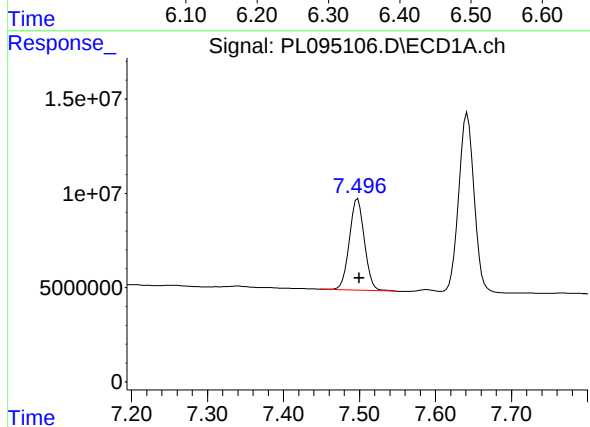
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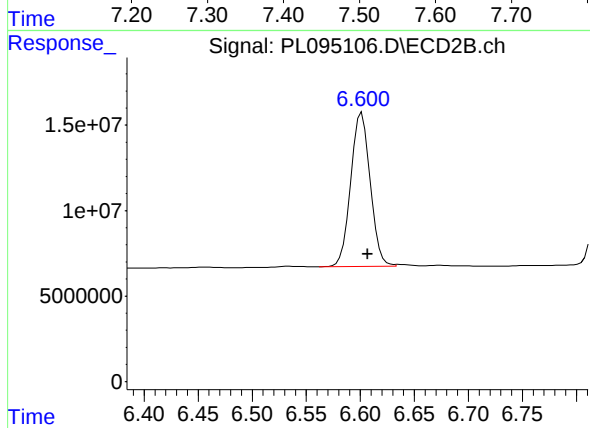
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 199102117
Conc: 48.88 ng/ml



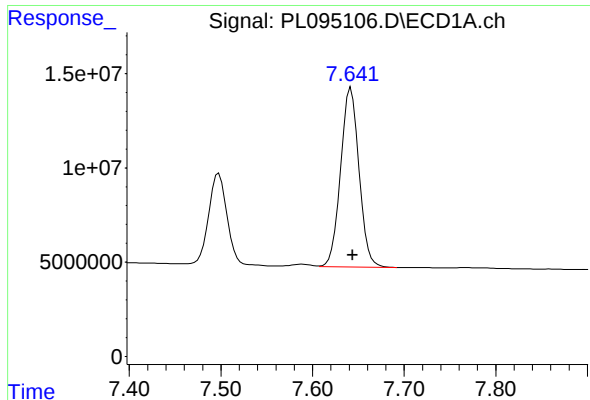
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 67075727
Conc: 56.03 ng/ml



#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 112772585
Conc: 53.17 ng/ml m



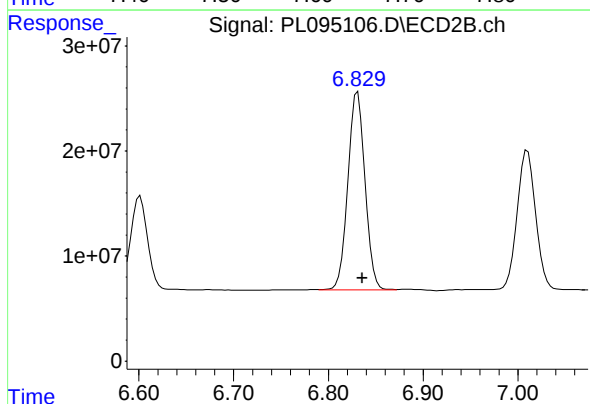
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 132944905
Conc: 50.30 ng/ml

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

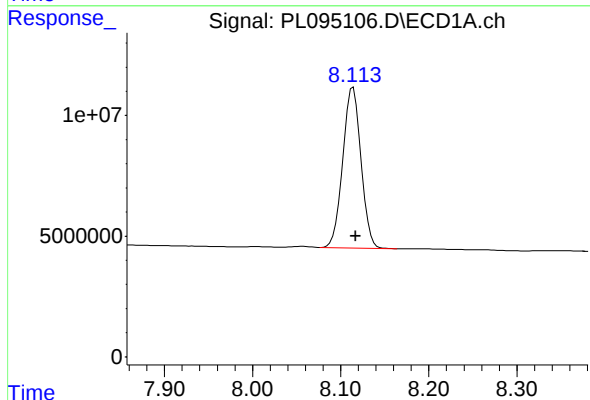
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



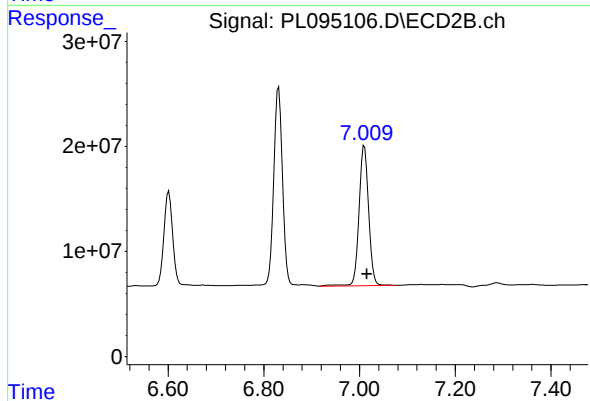
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.006 min
Response: 237925420
Conc: 49.85 ng/ml m



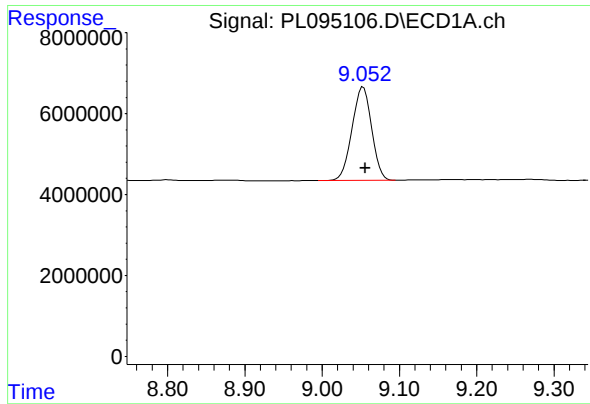
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 95755936
Conc: 46.34 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 184872674
Conc: 48.71 ng/ml



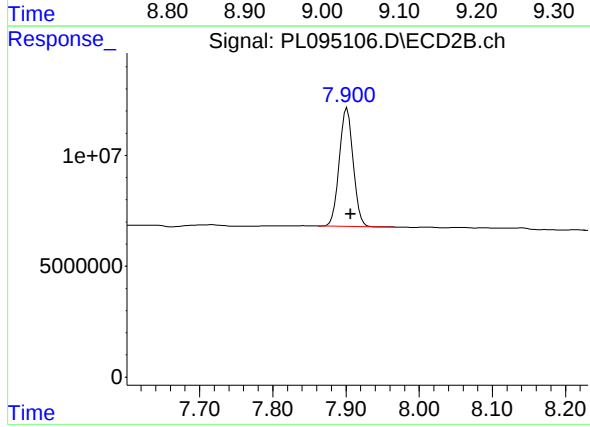
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 40518687
Conc: 19.23 ng/ml

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

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 70543496
Conc: 17.46 ng/ml