

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
 Data File : PL094613.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2025 23:58
 Operator : AR\AJ
 Sample : Q1534-07MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-636-COMP-17MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/12/2025
 Supervised By : Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 03:08:12 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	2.771	43321009	54465954	15.304m	15.260
28) SA Decachlor...	9.049	7.904	29641782	54580454	14.065	13.512
Target Compounds						
2) A alpha-BHC	3.992	3.273	177.5E6	237.9E6	42.738	44.128
3) MA gamma-BHC...	4.323	3.603	180.5E6	231.7E6	45.243m	45.078
4) MA Heptachlor	4.913	3.940	163.8E6	232.2E6	42.208	44.075
5) MB Aldrin	5.254	4.219	161.6E6	213.4E6	43.773	43.758
6) B beta-BHC	4.523	3.903	73291233	102.8E6	39.720m	46.290
7) B delta-BHC	4.770	4.131	178.8E6	221.3E6	45.909	44.246
8) B Heptachlo...	5.681	4.721	137.5E6	204.7E6	41.116	44.709m
9) A Endosulfan I	6.066	5.091	130.7E6	158.5E6	42.563	36.121m
10) B gamma-Chl...	5.936	4.970	163.4E6	239.5E6	48.501	49.611m
11) B alpha-Chl...	6.016	5.034	164.4E6	222.5E6	49.860	46.623m
12) B 4,4'-DDE	6.188	5.223	106.4E6	211.6E6	36.178m	45.521m#
13) MA Dieldrin	6.341	5.355	136.9E6	221.8E6	42.821	45.714m
14) MA Endrin	6.570	5.630	117.9E6	200.8E6	42.546m	46.020m
15) B Endosulfa...	6.791	5.925	119.1E6	202.3E6	43.866	46.742m
16) A 4,4'-DDD	6.707	5.778	109.8E6	163.5E6	50.692	45.470m
17) MA 4,4'-DDT	7.021	6.029	111.3E6	187.9E6	46.814	46.611
18) B Endrin al...	6.922	6.104	90608977	146.9E6	42.923	43.664m
19) B Endosulfa...	7.155	6.328	109.5E6	190.0E6	45.018m	46.633
20) A Methoxychlor	7.498	6.604	57153551	94533211	47.744	44.569
21) B Endrin ke...	7.641	6.833	127.3E6	203.2E6	48.146	42.570
22) Mirex	8.114	7.013	94246200	166.4E6	45.611	43.851

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:58
Operator : AR\AJ
Sample : Q1534-07MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

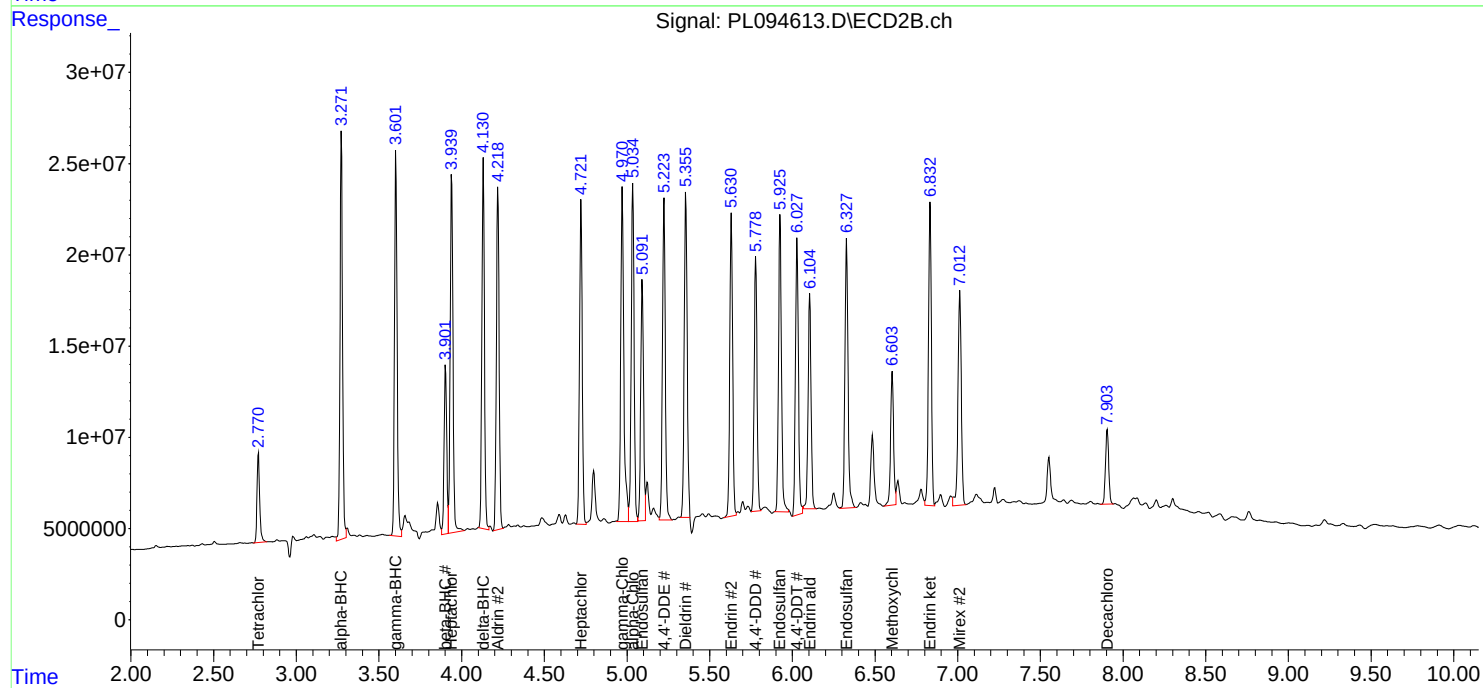
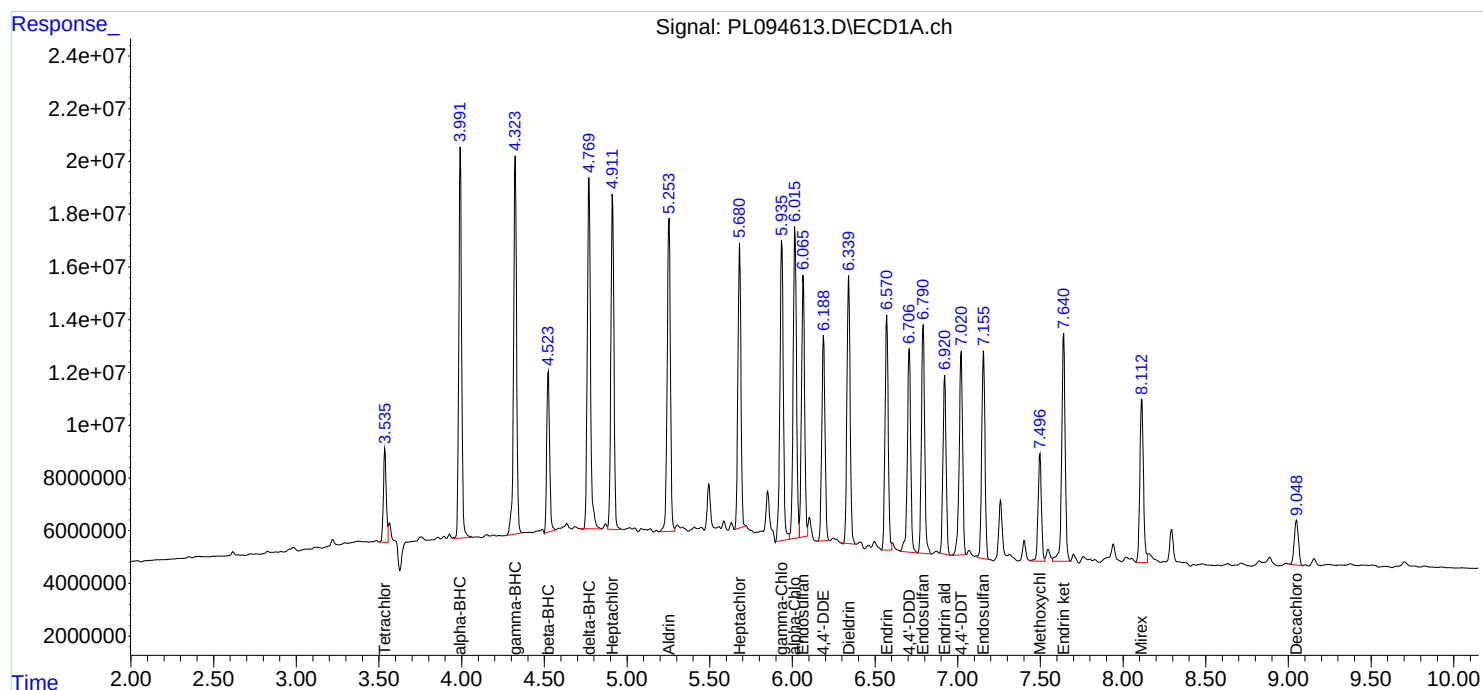
Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

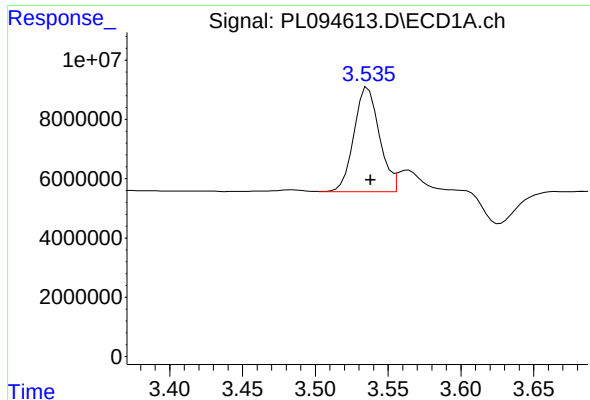
Manual Integrations
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Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 03:08:12 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





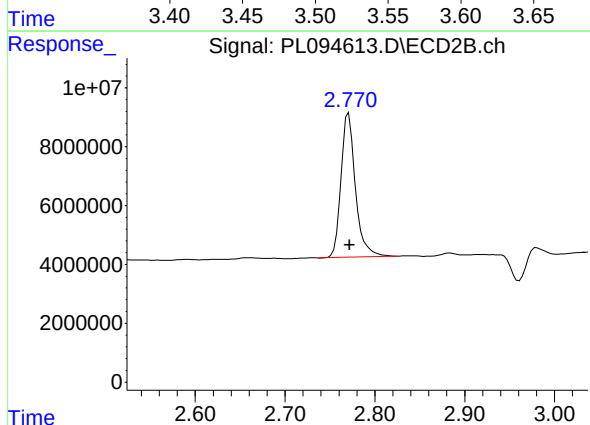
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 43321009
Conc: 15.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

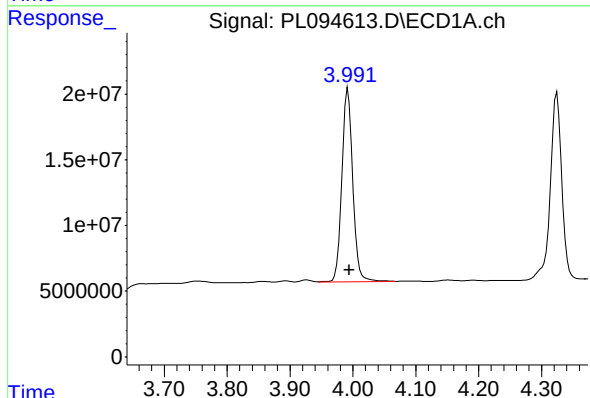
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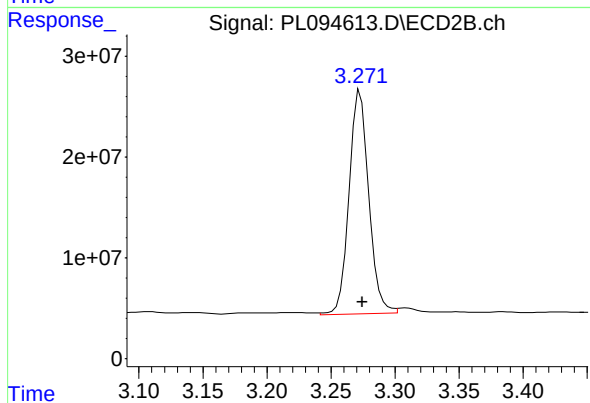
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 54465954
Conc: 15.26 ng/ml



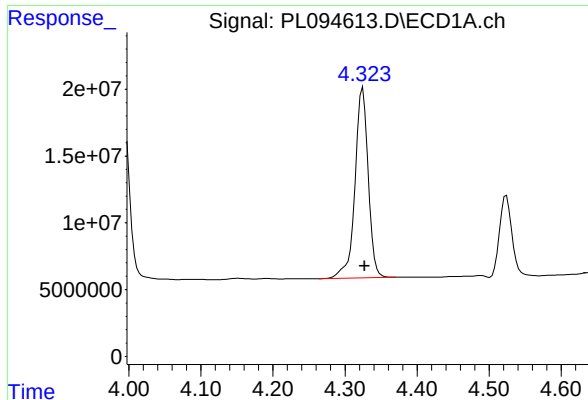
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 177460779
Conc: 42.74 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 237911998
Conc: 44.13 ng/ml



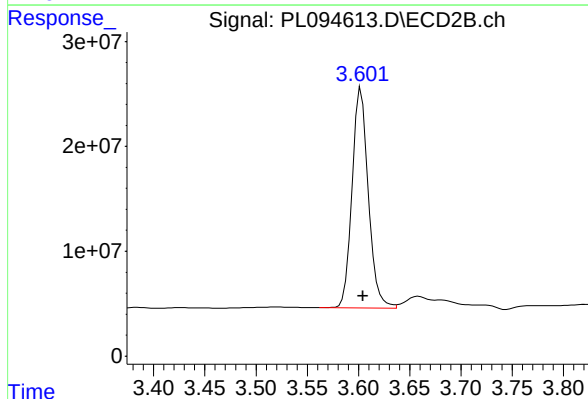
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 180531637
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

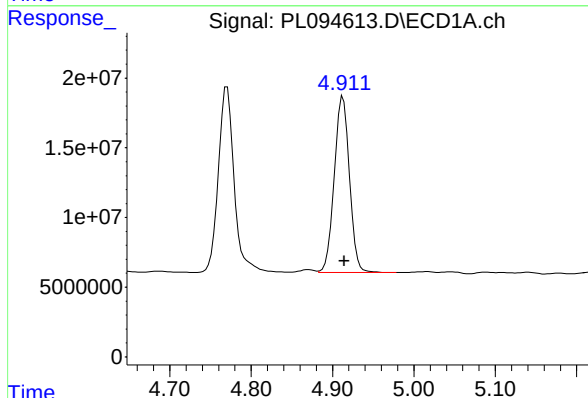
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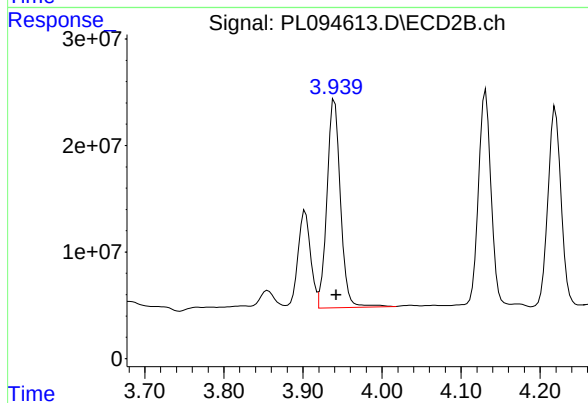
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 231678540
Conc: 45.08 ng/ml



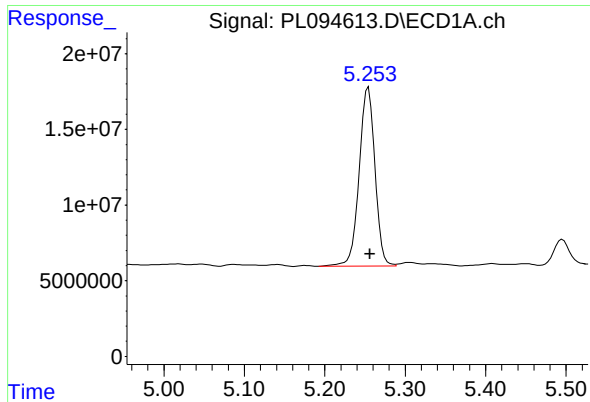
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 163833903
Conc: 42.21 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 232213280
Conc: 44.07 ng/ml



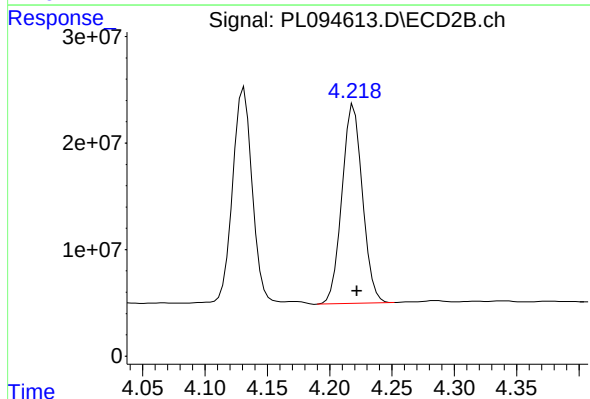
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 161617747
Conc: 43.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

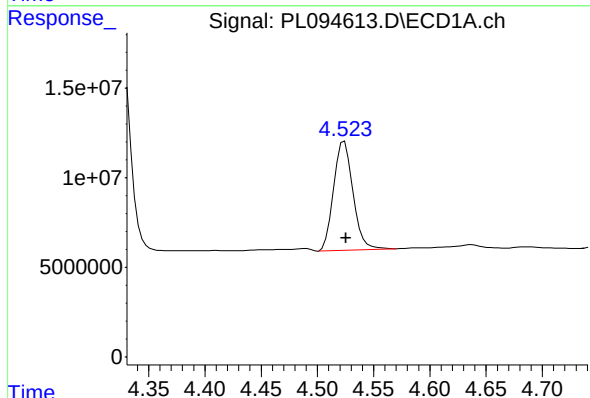
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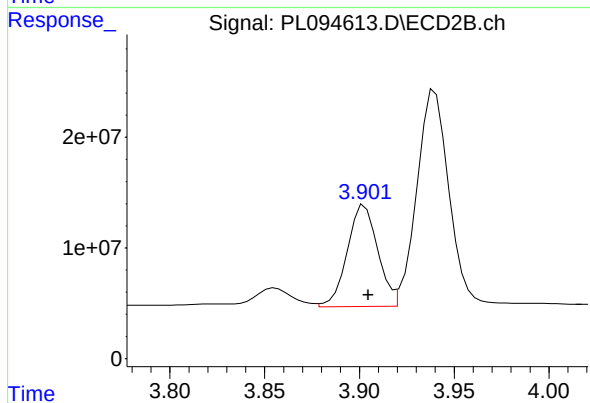
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 213378233
Conc: 43.76 ng/ml



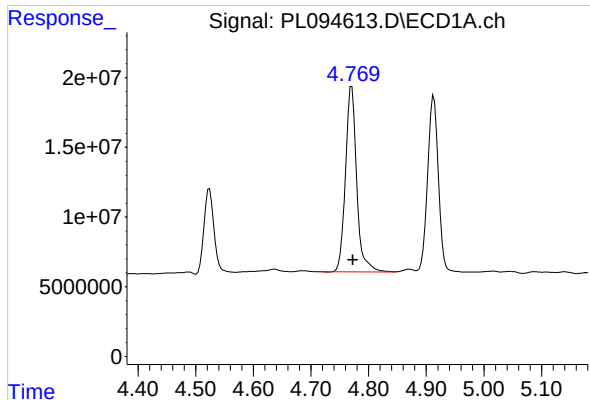
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 73291233
Conc: 39.72 ng/ml m



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 102823982
Conc: 46.29 ng/ml



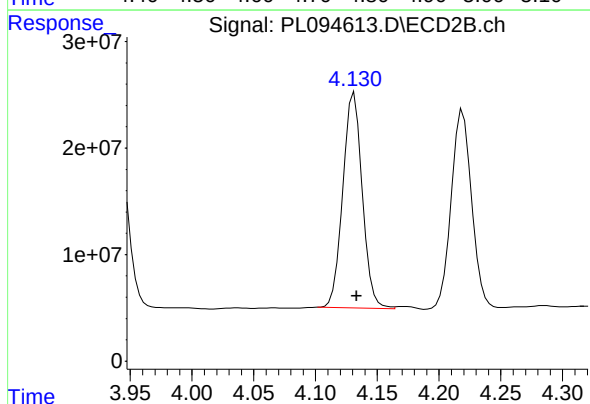
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 178785155
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

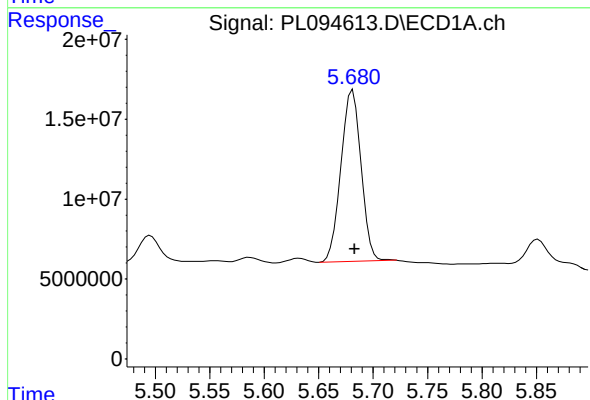
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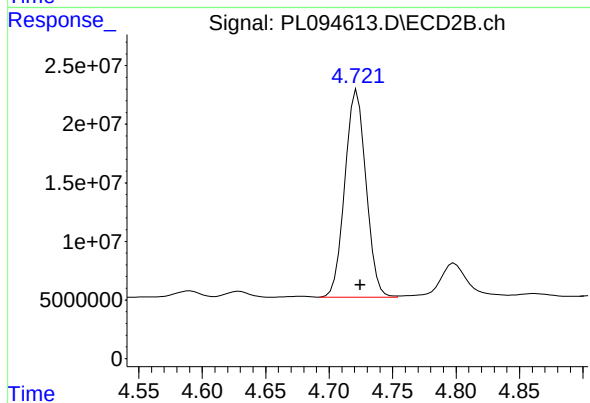
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 221315886
Conc: 44.25 ng/ml



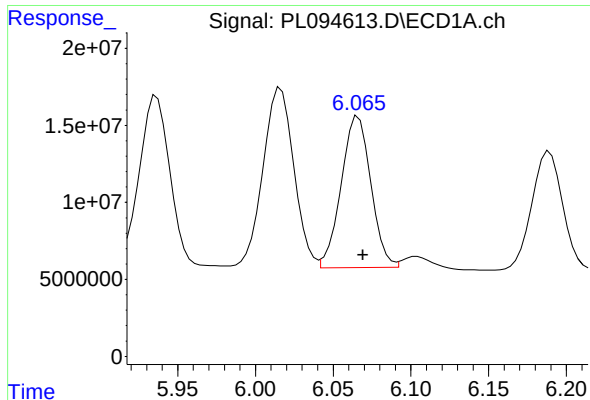
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 137541179
Conc: 41.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 204703692
Conc: 44.71 ng/ml m



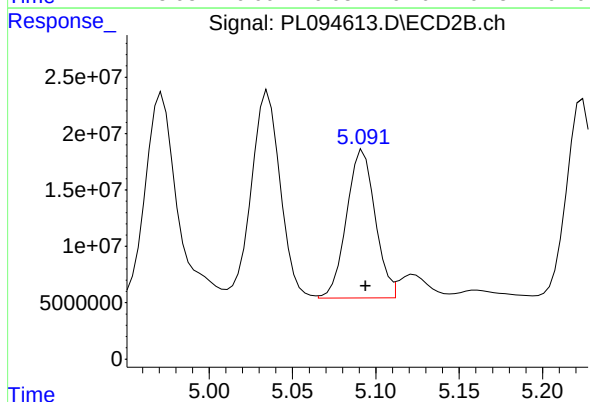
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 130678149
Conc: 42.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

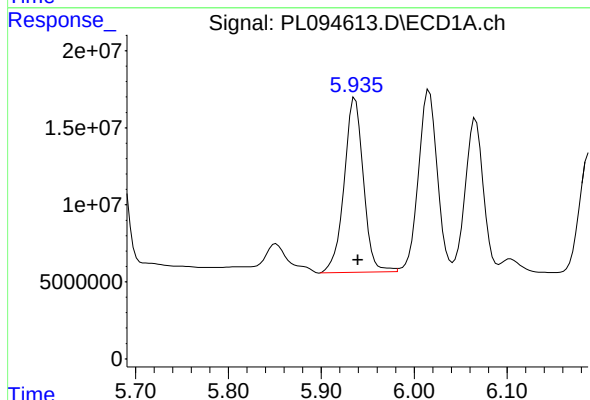
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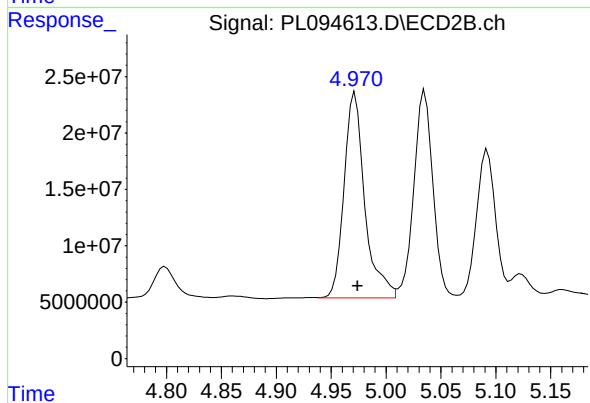
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 158526358
Conc: 36.12 ng/ml m



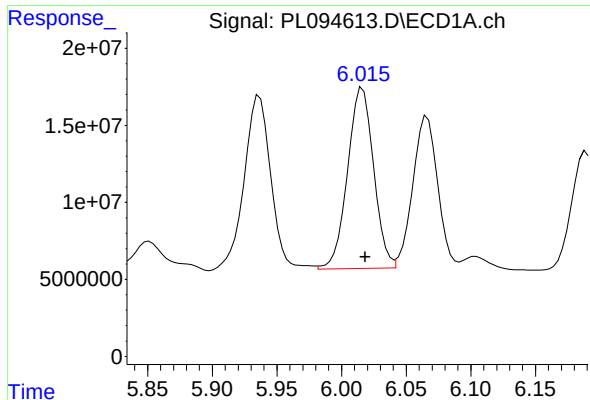
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 163417383
Conc: 48.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 239542051
Conc: 49.61 ng/ml m



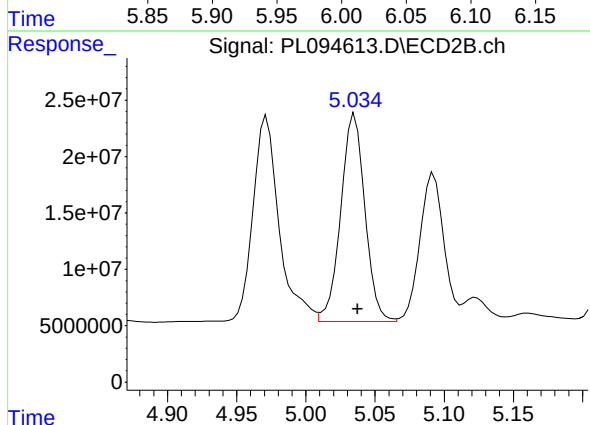
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 164380306
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

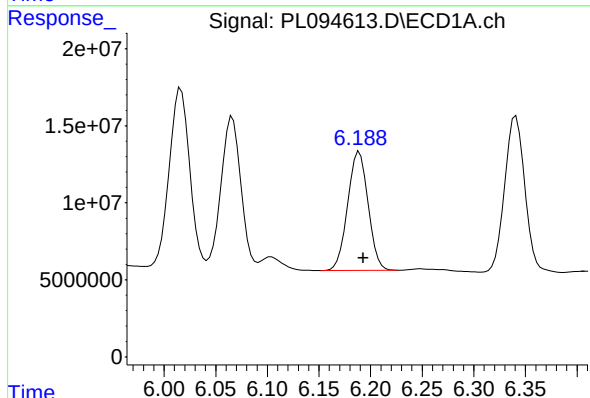
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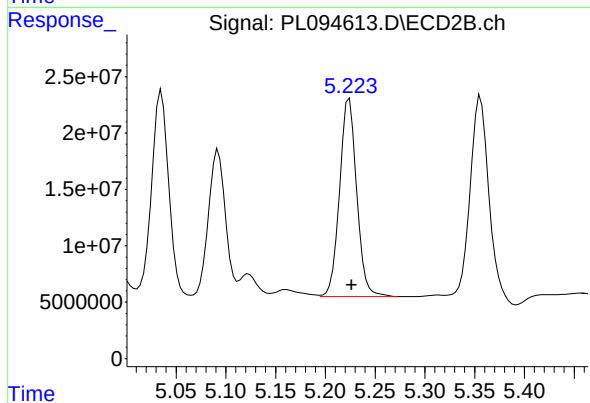
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 222522479
Conc: 46.62 ng/ml



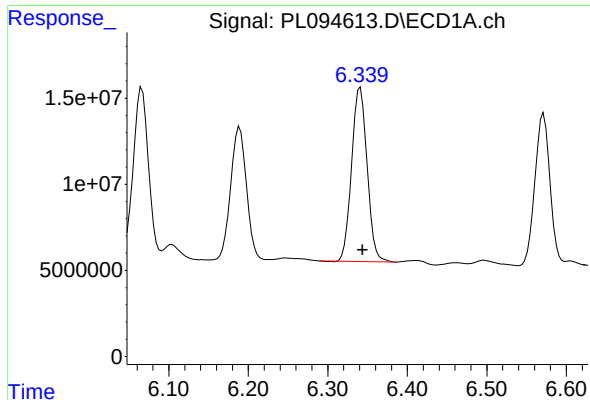
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 106438022
Conc: 36.18 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 211607304
Conc: 45.52 ng/ml



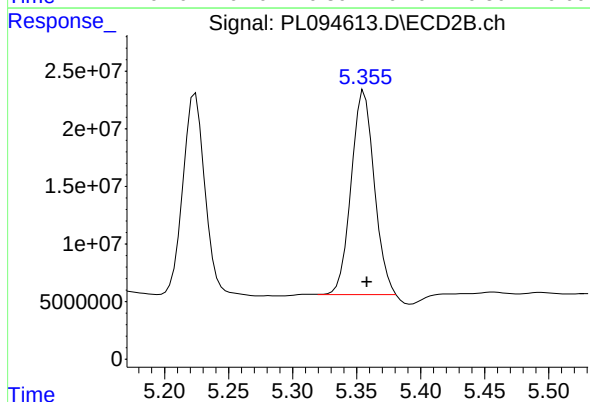
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 136947729
Conc: 42.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

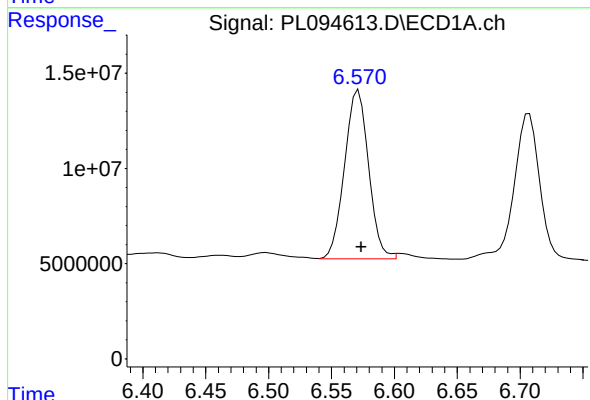
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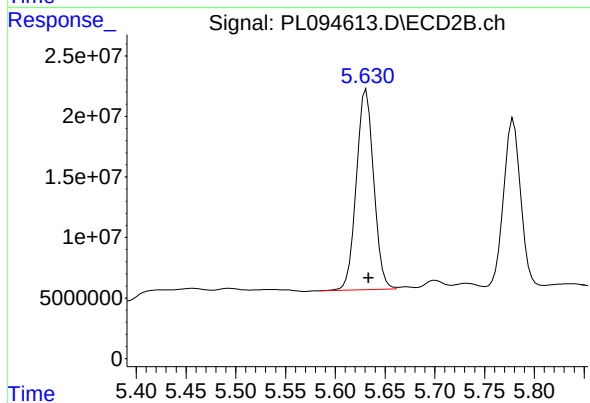
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.004 min
Response: 221795502
Conc: 45.71 ng/ml m



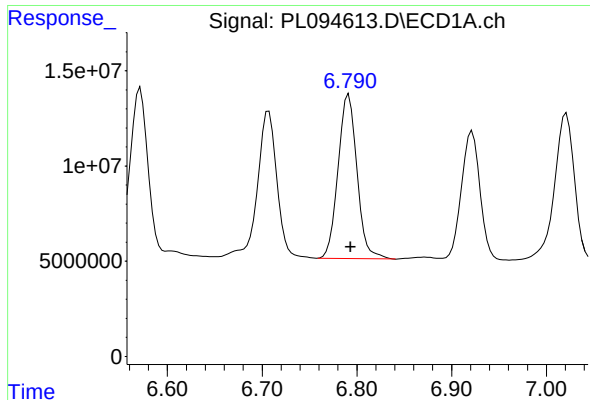
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 117941442
Conc: 42.55 ng/ml m



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 200814108
Conc: 46.02 ng/ml m



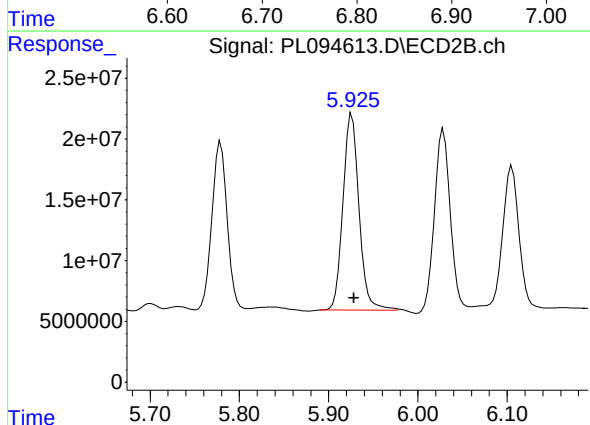
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.002 min
Response: 119084689
Conc: 43.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
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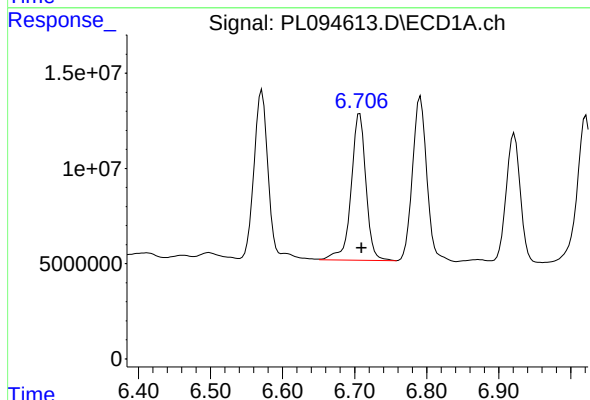
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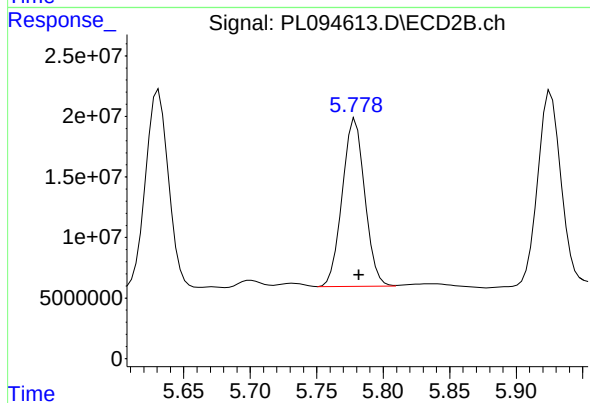
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.004 min
Response: 202313529
Conc: 46.74 ng/ml m



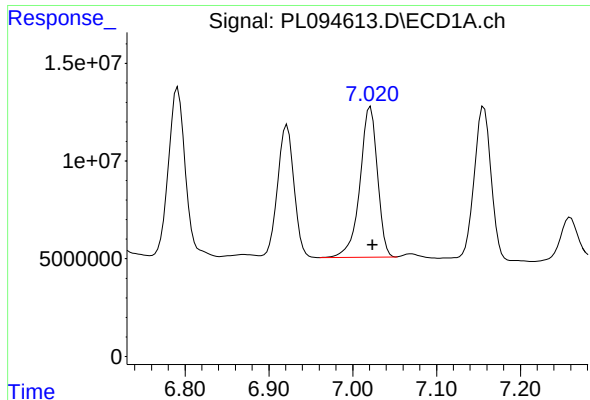
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 109803327
Conc: 50.69 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 163506254
Conc: 45.47 ng/ml m



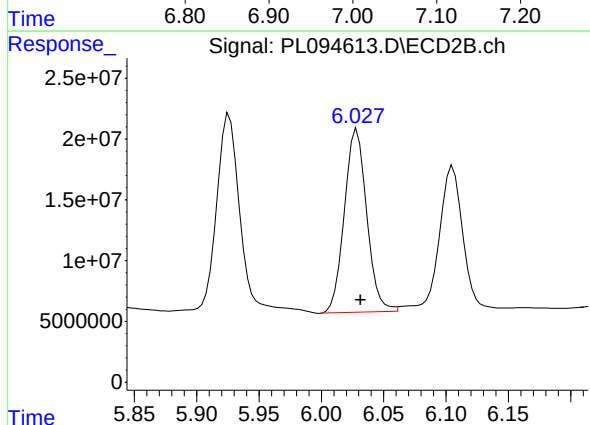
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 111349526
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

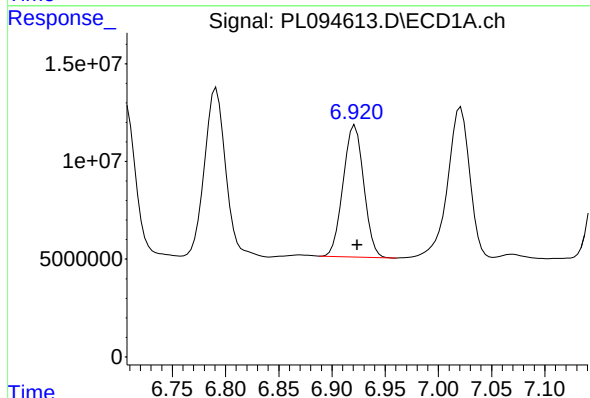
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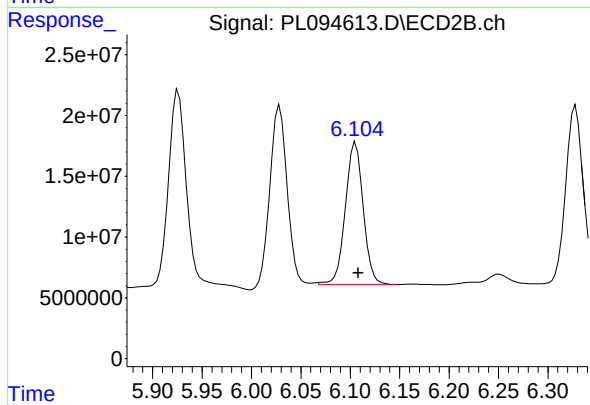
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 187939616
Conc: 46.61 ng/ml



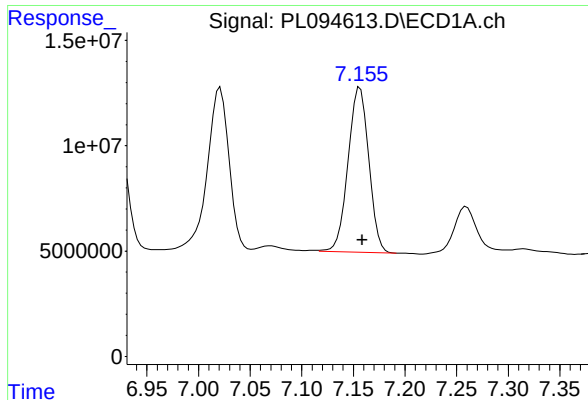
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 90608977
Conc: 42.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 146945764
Conc: 43.66 ng/ml m



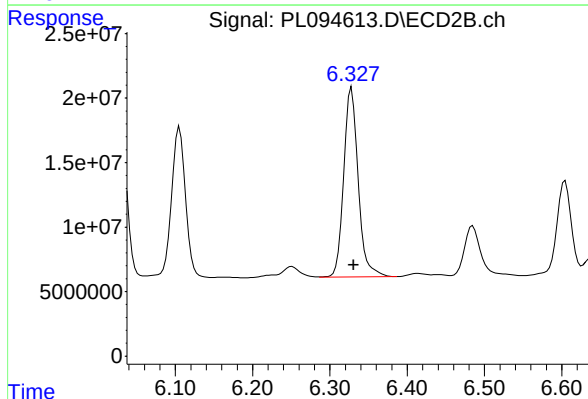
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 109483845
Conc: 45.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

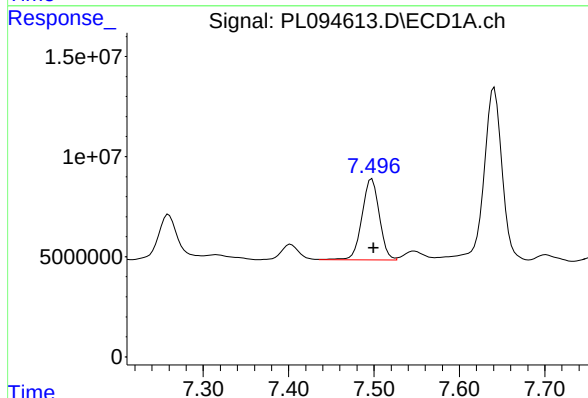
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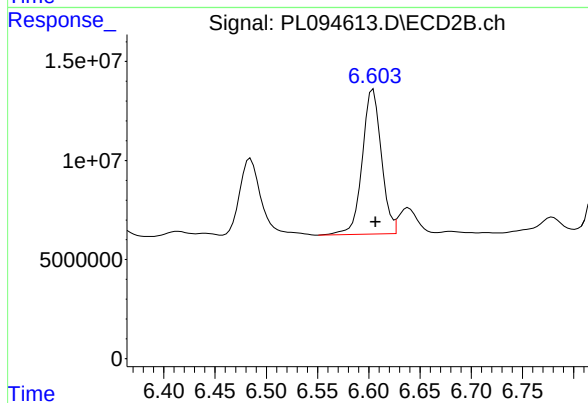
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 189956201
Conc: 46.63 ng/ml



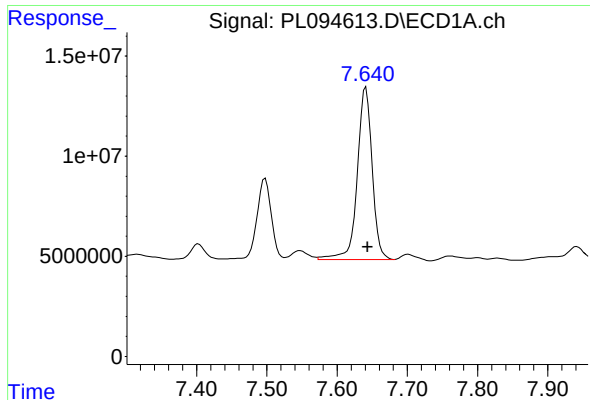
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 57153551
Conc: 47.74 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 94533211
Conc: 44.57 ng/ml



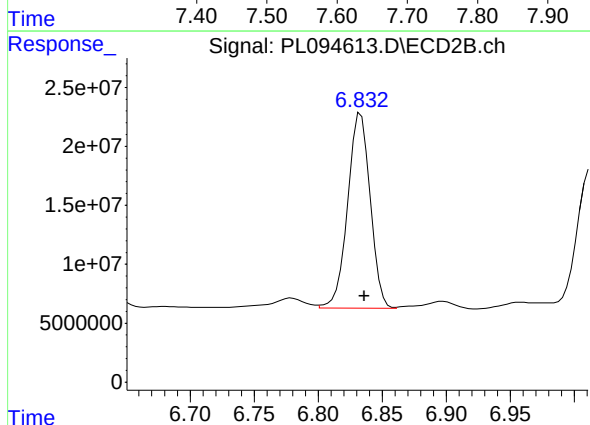
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 127262924
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

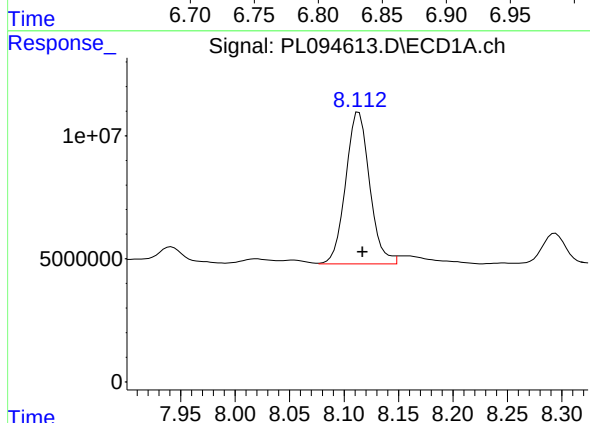
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



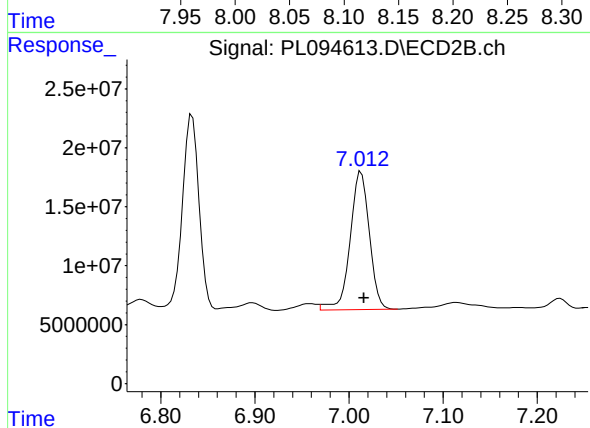
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 203168667
Conc: 42.57 ng/ml



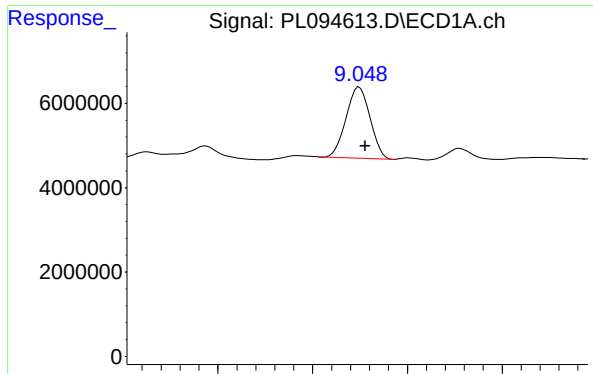
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 94246200
Conc: 45.61 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 166428619
Conc: 43.85 ng/ml



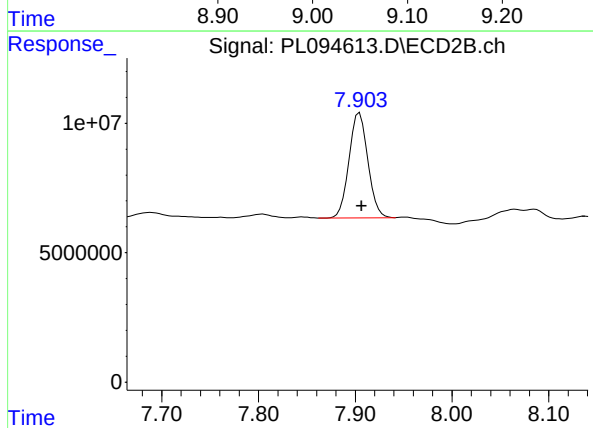
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.006 min
Response: 29641782
Conc: 14.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MSD

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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 54580454
Conc: 13.51 ng/ml