

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012225\
 Data File : PL093763.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2025 14:55
 Operator : AR\AJ
 Sample : PB166170BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166170BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/23/2025
 Supervised By : Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 00:23:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.540	2.776	54275415	63048529	20.156	19.315
28) SA Decachlor...	9.053	7.910	46868272	72963429	22.404	20.823
Target Compounds						
2) A alpha-BHC	3.995	3.277	176.1E6	235.3E6	45.927	48.119
3) MA gamma-BHC...	4.328	3.608	167.4E6	226.0E6	45.443	47.674
4) MA Heptachlor	4.916	3.946	154.6E6	228.2E6	47.159	49.019
5) MB Aldrin	5.257	4.225	147.1E6	216.9E6	44.956	47.543
6) B beta-BHC	4.526	3.908	75749194	97925481	47.128	49.026
7) B delta-BHC	4.773	4.136	160.2E6	224.2E6	45.707	47.183
8) B Heptachlo...	5.684	4.728	135.6E6	205.3E6	45.589	49.116
9) A Endosulfan I	6.068	5.097	124.0E6	194.5E6	46.902	50.173
10) B gamma-Chl...	5.939	4.977	134.1E6	212.8E6	48.092	50.207
11) B alpha-Chl...	6.018	5.041	132.7E6	209.2E6	47.594	49.974
12) B 4,4'-DDE	6.191	5.230	120.9E6	205.2E6	49.675	51.169
13) MA Dieldrin	6.343	5.361	131.0E6	213.5E6	47.190	49.710
14) MA Endrin	6.571	5.637	104.1E6	175.8E6	44.405m	47.609
15) B Endosulfa...	6.793	5.931	116.1E6	187.9E6	48.169	50.739
16) A 4,4'-DDD	6.709	5.785	98398647	168.5E6	51.773	53.382
17) MA 4,4'-DDT	7.023	6.034	99235318	164.8E6	50.321	50.636
18) B Endrin al...	6.923	6.111	93699044	149.1E6	48.198	48.972
19) B Endosulfa...	7.157	6.333	109.0E6	180.1E6	48.133	50.511
20) A Methoxychlor	7.499	6.609	51691535	85106102	49.542	47.595
21) B Endrin ke...	7.642	6.838	125.0E6	211.8E6	49.538	50.476
22) Mirex	8.115	7.019	93119380	157.1E6	44.715	46.453

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012225\
Data File : PL093763.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jan 2025 14:55
Operator : AR\AJ
Sample : PB166170BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

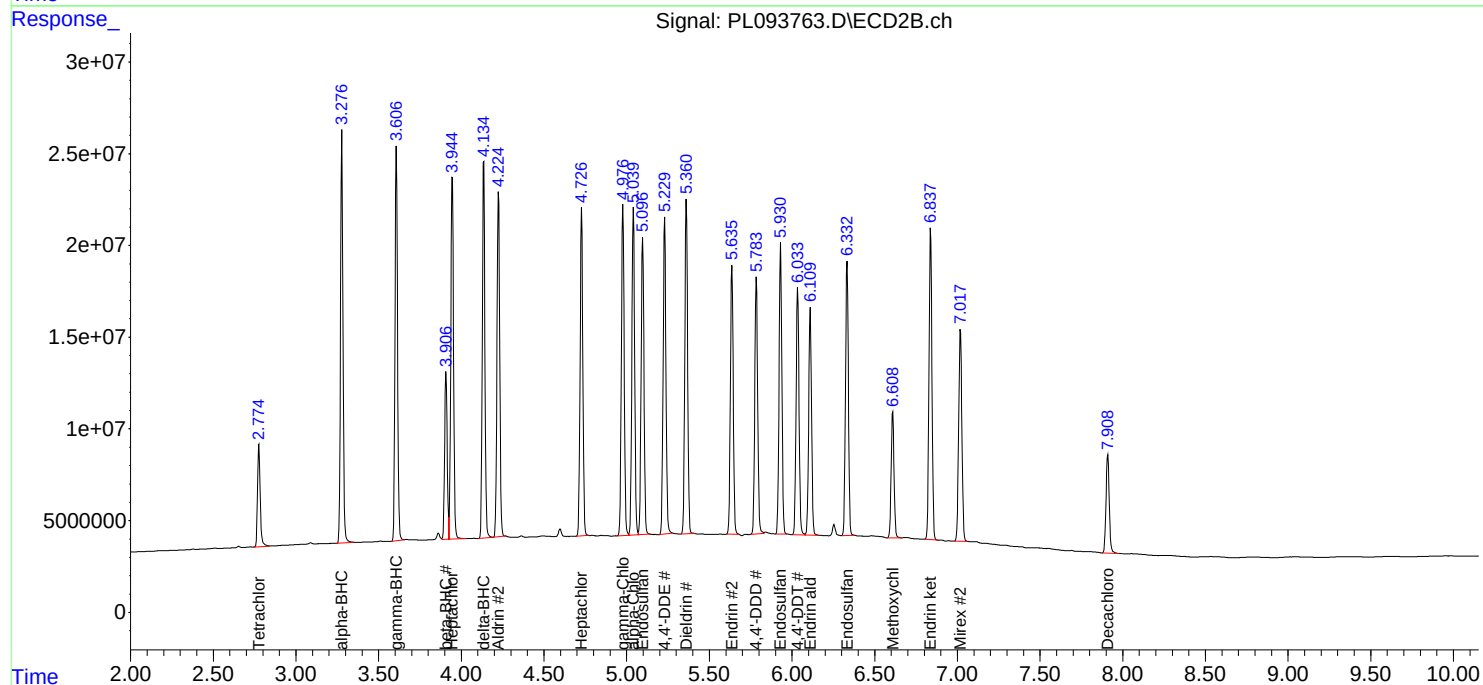
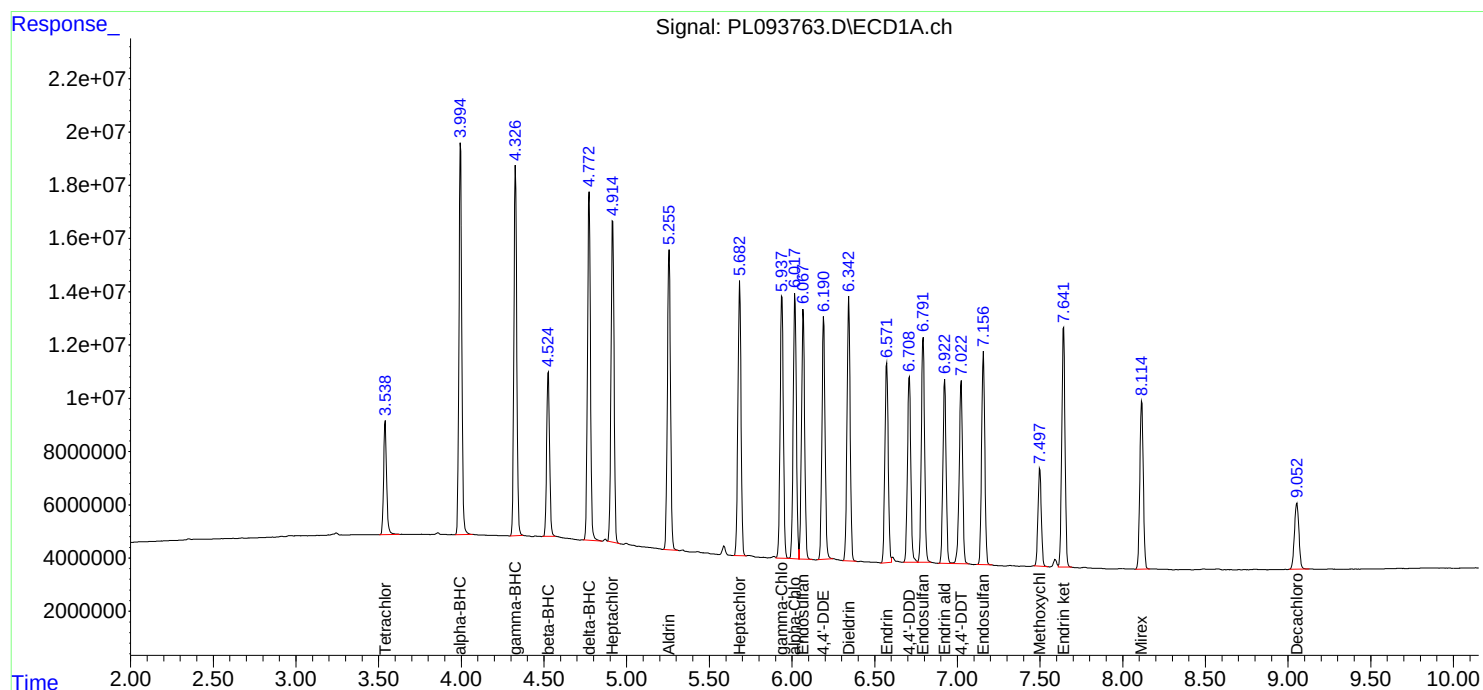
Instrument :
ECD_L
ClientSampleId :
PB166170BS

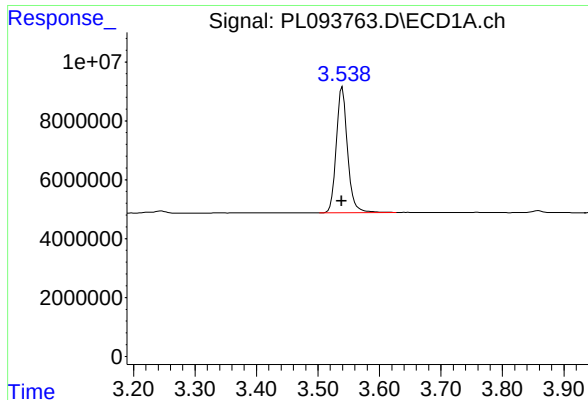
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 23 00:23:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





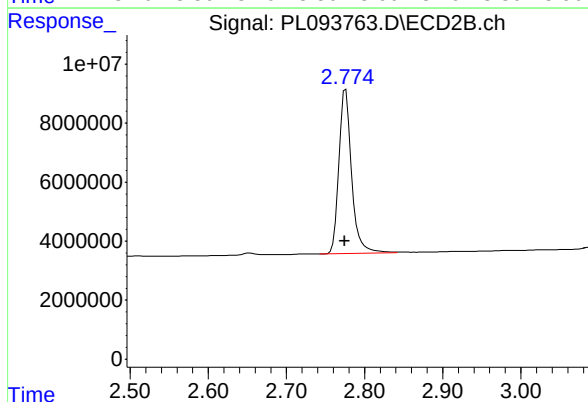
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 54275415
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

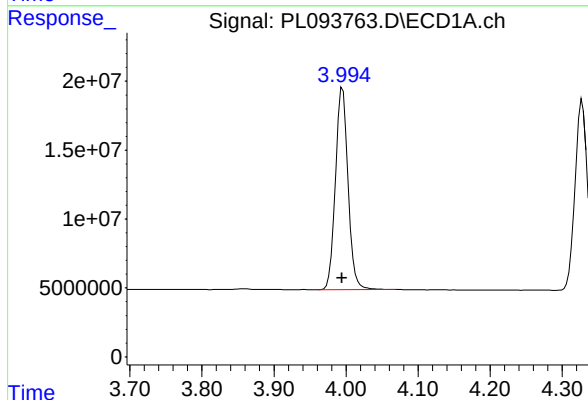
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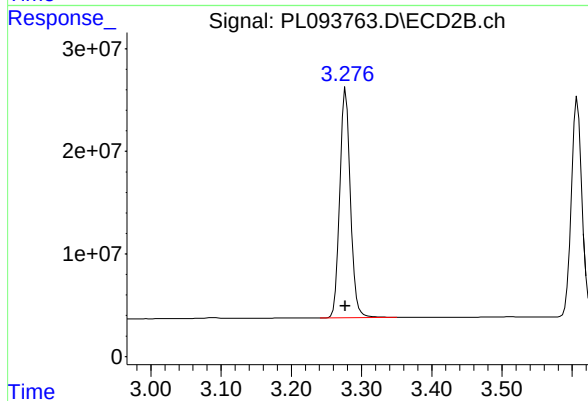
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.001 min
Response: 63048529
Conc: 19.32 ng/ml



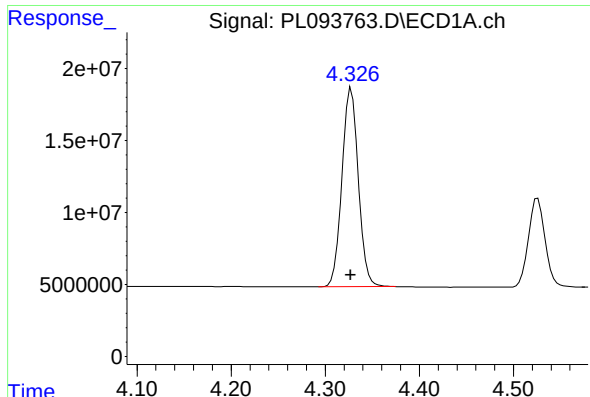
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 176077456
Conc: 45.93 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 235252713
Conc: 48.12 ng/ml



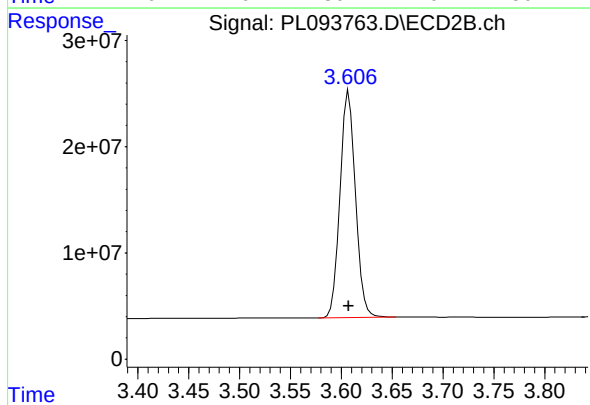
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 167359707
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

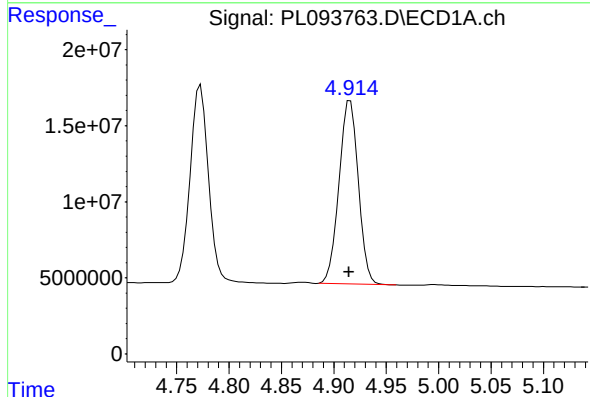
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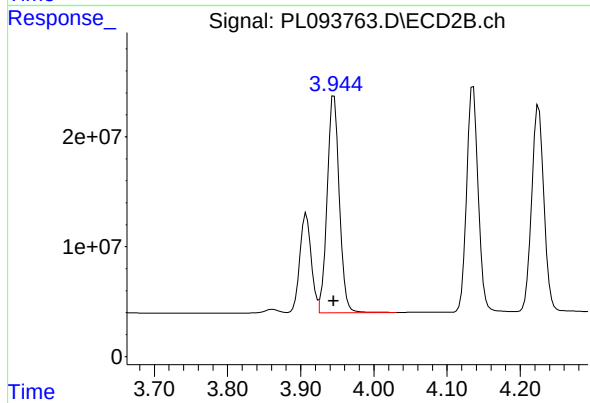
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 226033723
Conc: 47.67 ng/ml



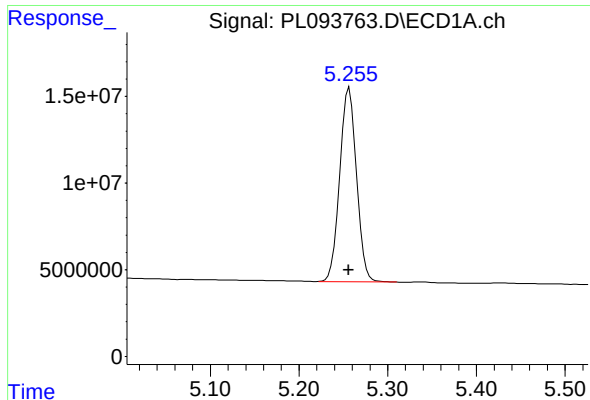
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.001 min
Response: 154555030
Conc: 47.16 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 228174044
Conc: 49.02 ng/ml



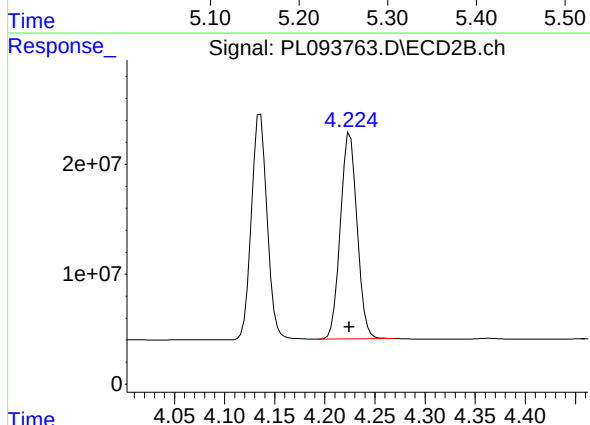
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 147096140
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

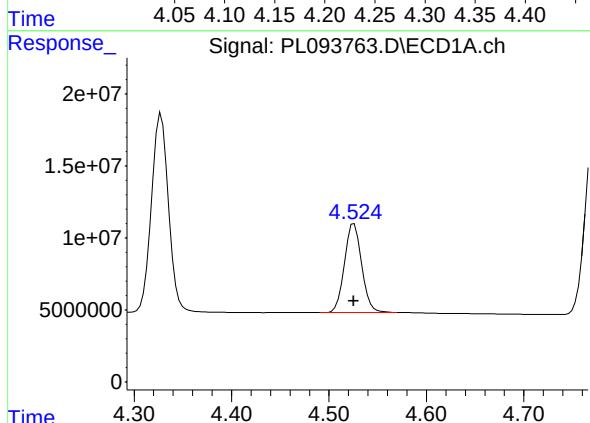
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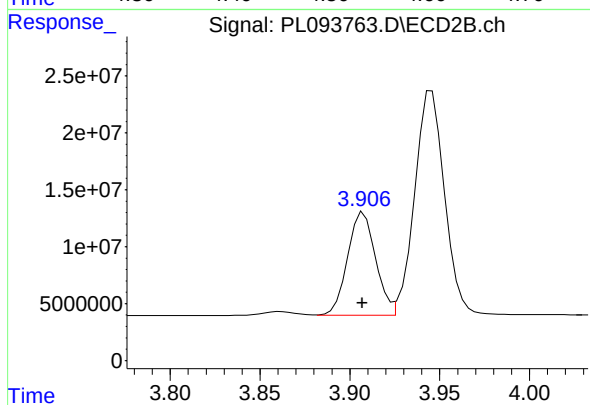
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 216880293
Conc: 47.54 ng/ml



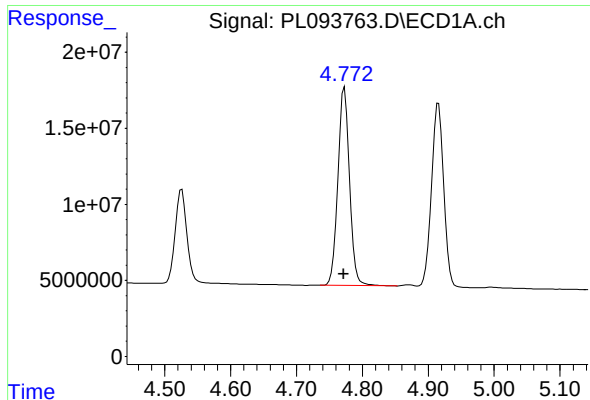
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 75749194
Conc: 47.13 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 97925481
Conc: 49.03 ng/ml



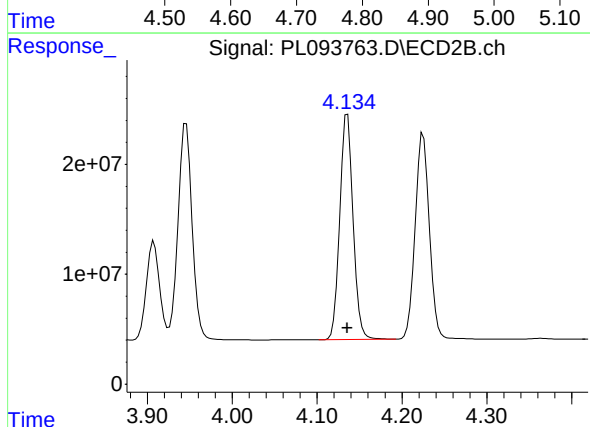
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.001 min
Response: 160215080
Conc: 45.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

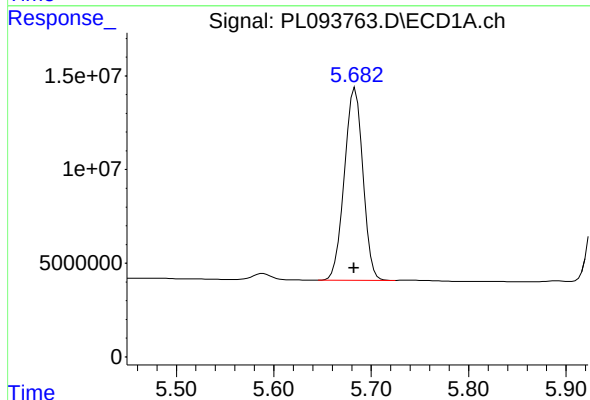
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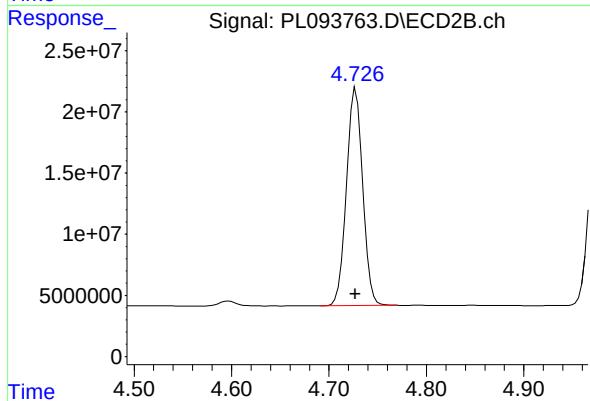
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 224179960
Conc: 47.18 ng/ml



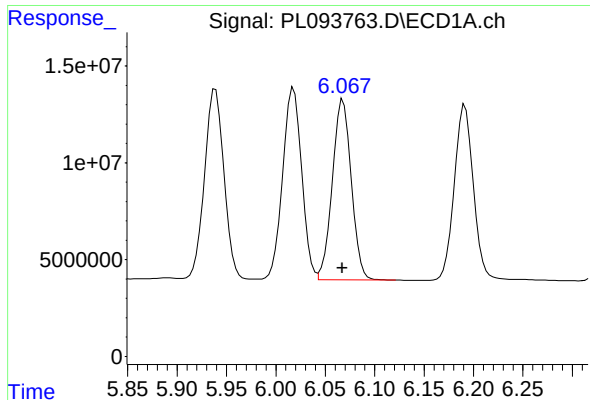
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.001 min
Response: 135573219
Conc: 45.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 205316276
Conc: 49.12 ng/ml



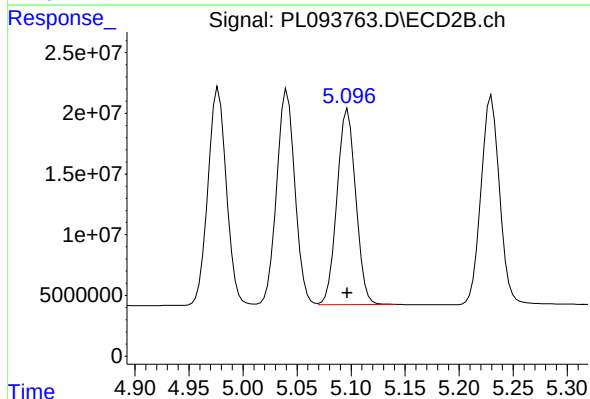
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 123954636
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

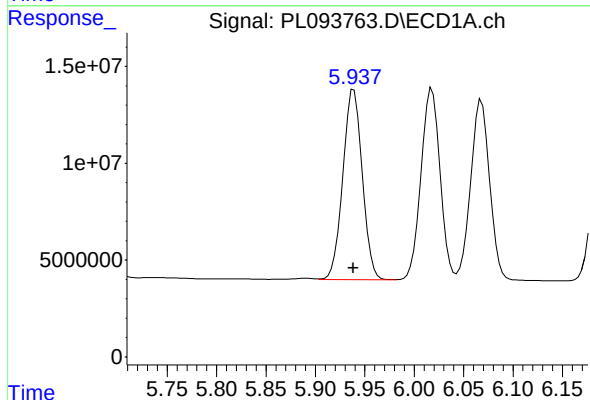
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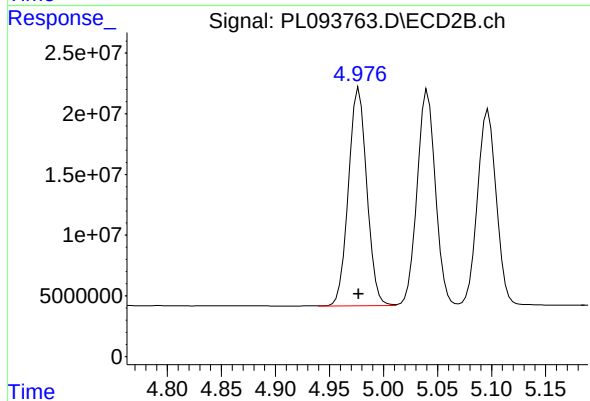
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 194515539
Conc: 50.17 ng/ml



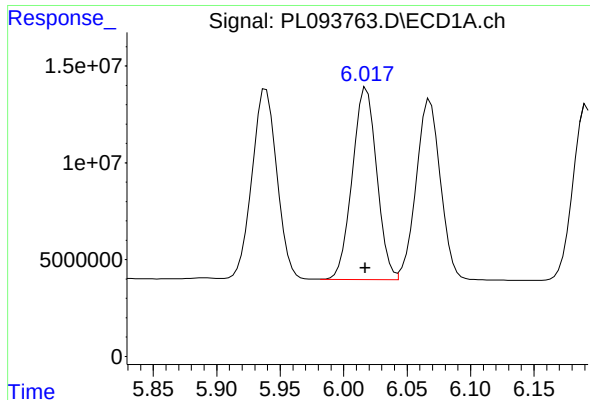
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 134051072
Conc: 48.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 212759116
Conc: 50.21 ng/ml



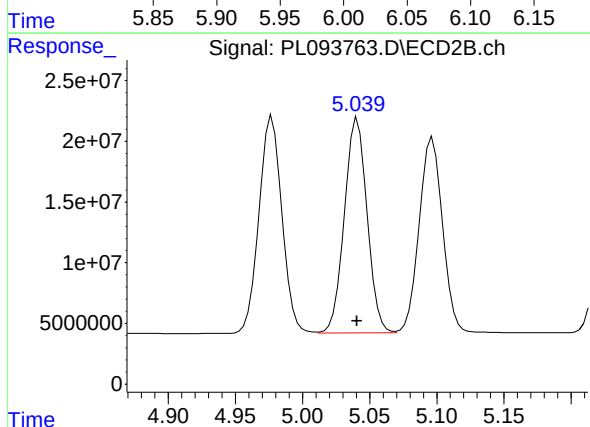
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 132712172
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

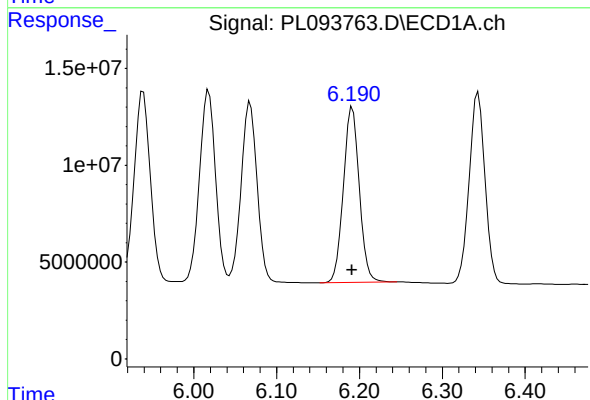
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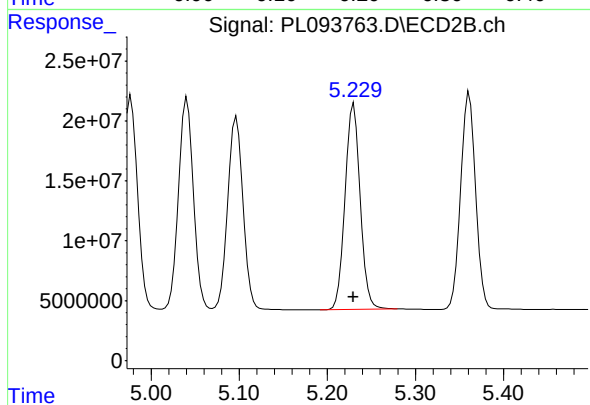
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 209220070
Conc: 49.97 ng/ml



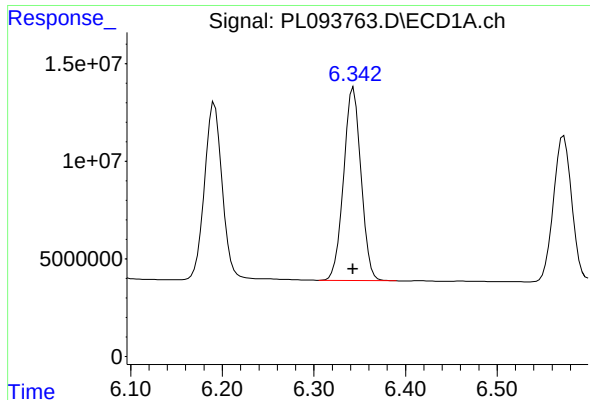
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 120938891
Conc: 49.68 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 205160417
Conc: 51.17 ng/ml



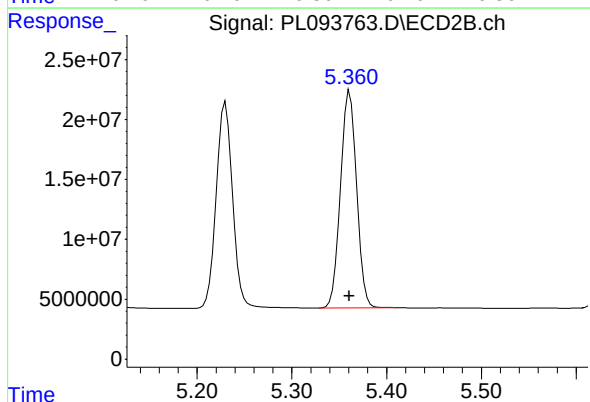
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 130991293
Conc: 47.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

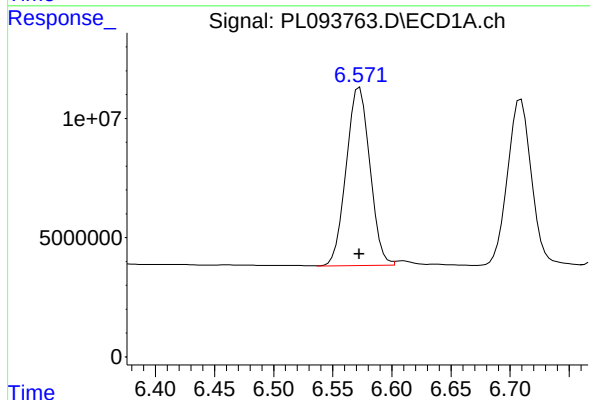
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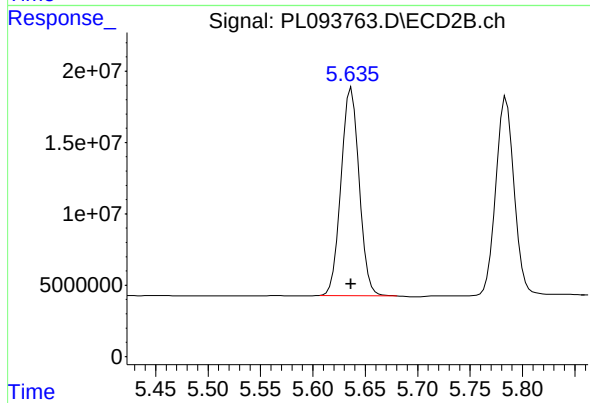
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 213536215
Conc: 49.71 ng/ml



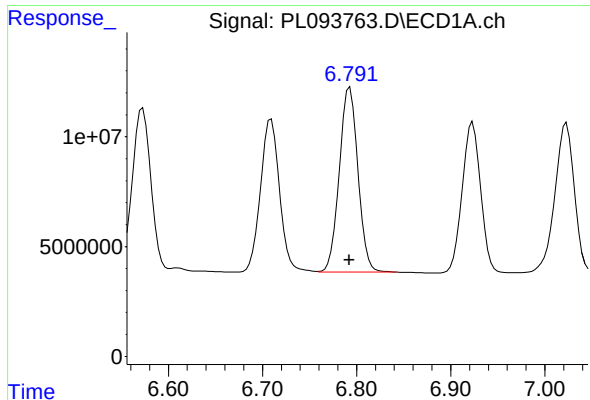
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 104122723
Conc: 44.41 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 175803609
Conc: 47.61 ng/ml



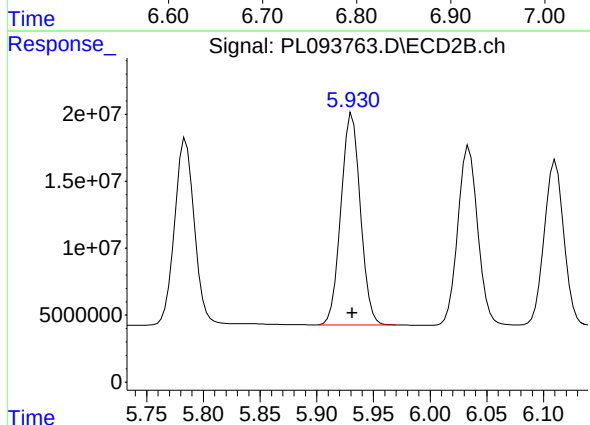
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 116055047
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

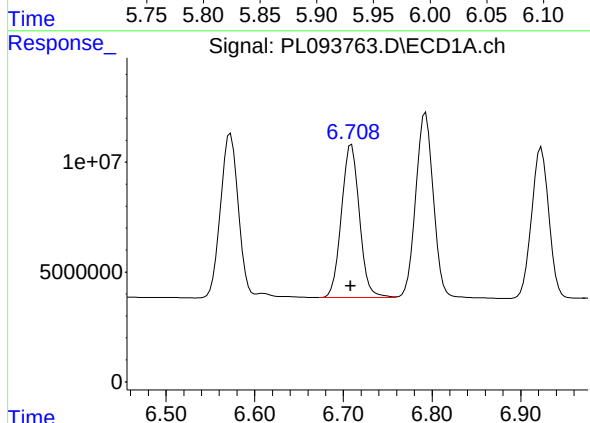
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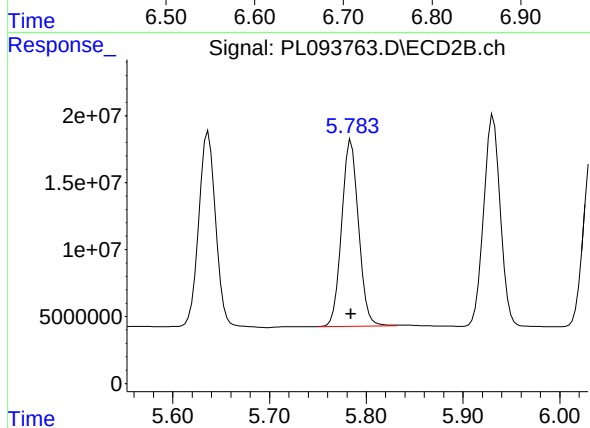
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 187928574
Conc: 50.74 ng/ml



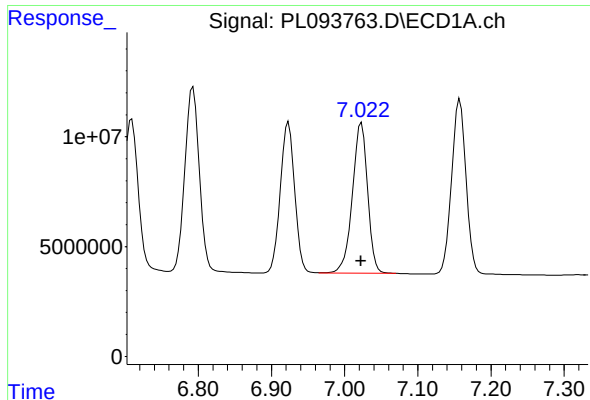
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 98398647
Conc: 51.77 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 168502633
Conc: 53.38 ng/ml



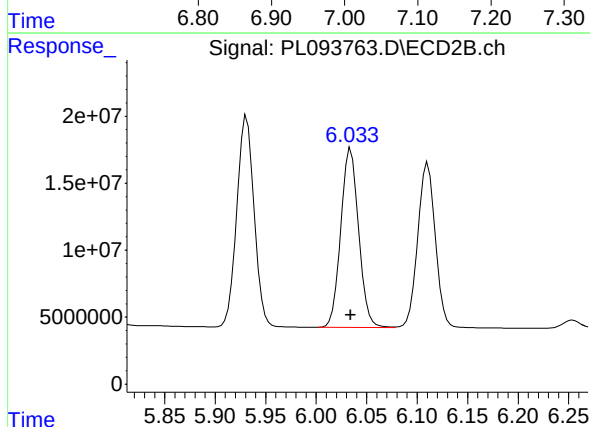
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 99235318
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

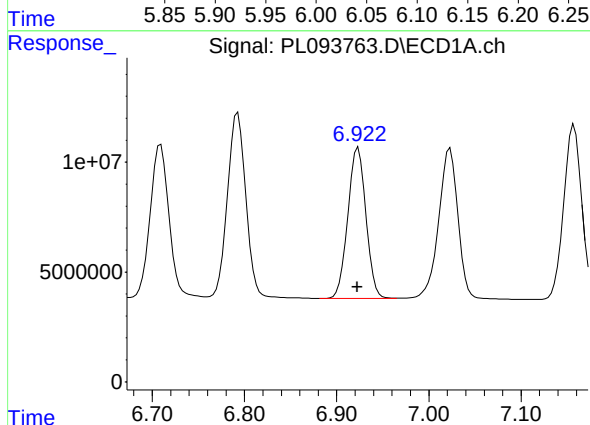
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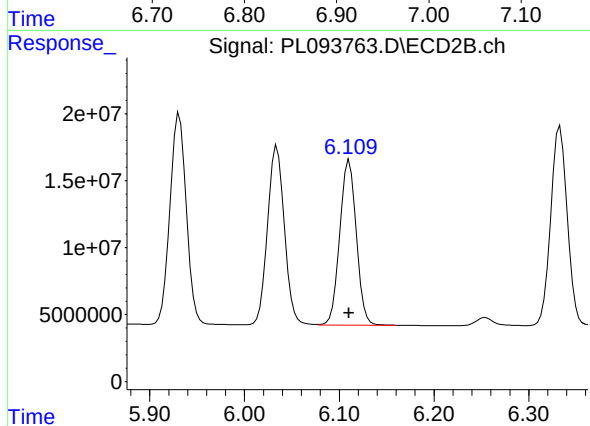
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 164773198
Conc: 50.64 ng/ml



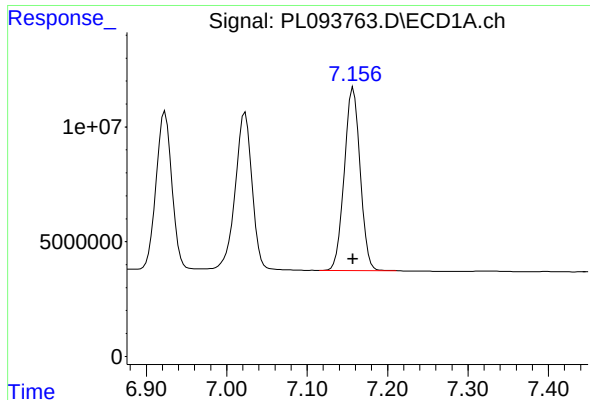
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 93699044
Conc: 48.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 149101178
Conc: 48.97 ng/ml



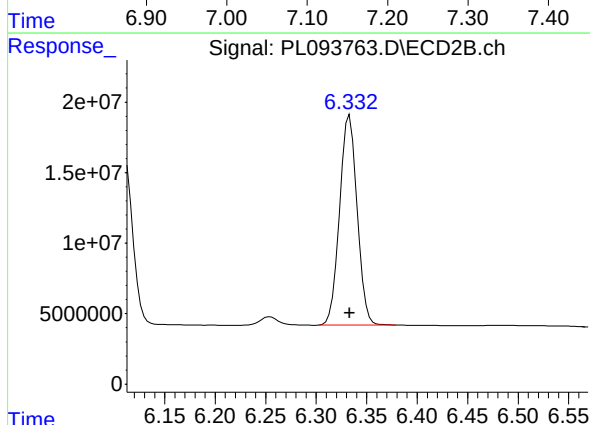
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 108959904
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

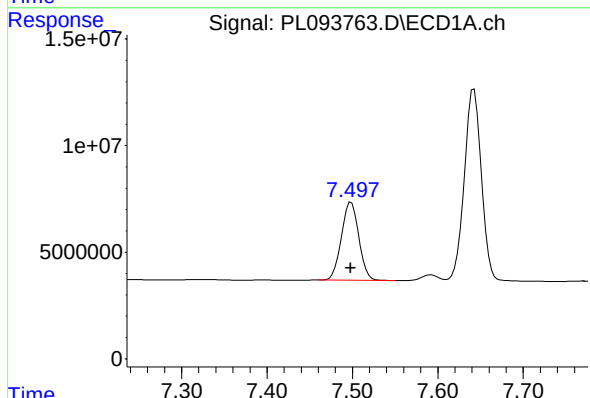
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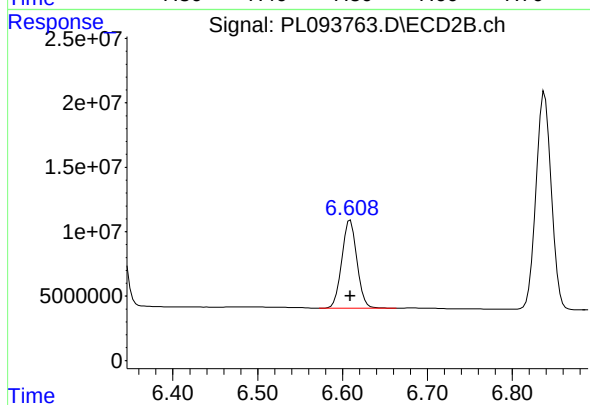
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 180126334
Conc: 50.51 ng/ml



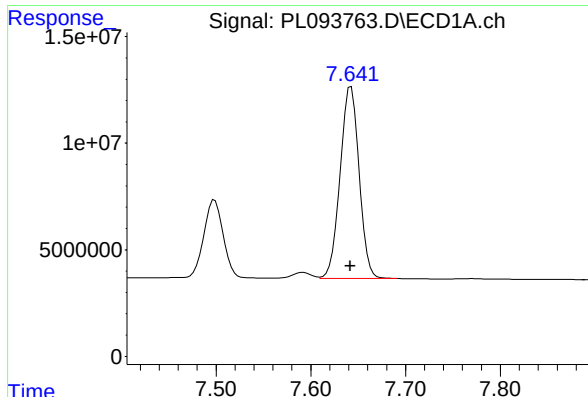
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 51691535
Conc: 49.54 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 85106102
Conc: 47.59 ng/ml



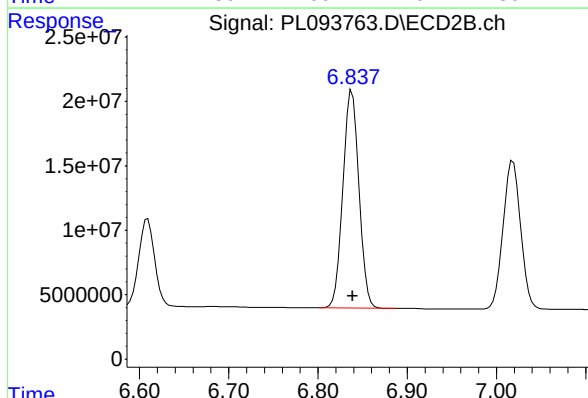
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 124966467
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

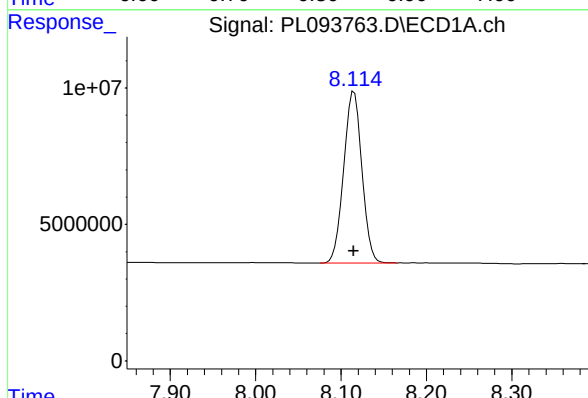
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Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



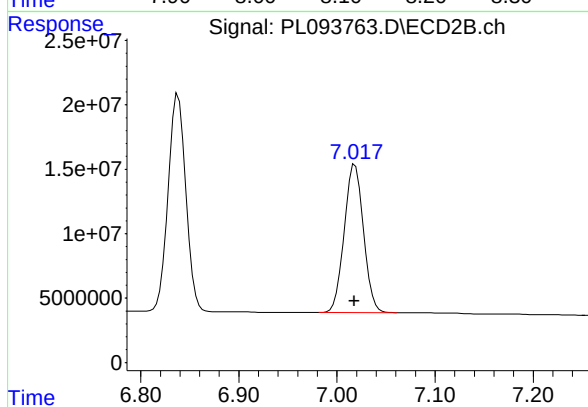
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 211759928
Conc: 50.48 ng/ml



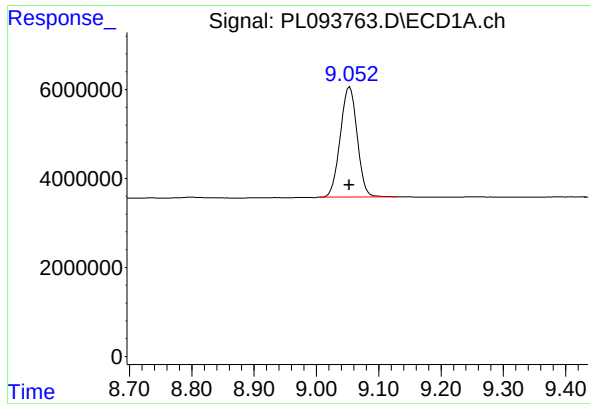
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 93119380
Conc: 44.72 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 157099208
Conc: 46.45 ng/ml



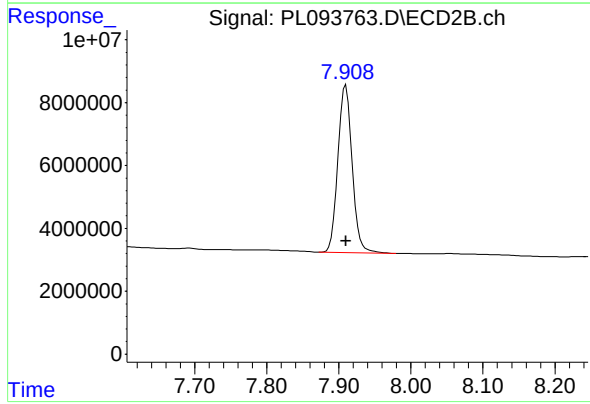
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 46868272
Conc: 22.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 72963429
Conc: 20.82 ng/ml