

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012025\
 Data File : PL093712.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2025 15:26
 Operator : AR\AJ
 Sample : PB166096BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166096BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/21/2025
 Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 05:14:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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...	3.539	2.775	43832966	50233653	17.705	17.255
28) SA Decachlor...	9.053	7.909	36878848	58811838	19.945	19.696
Target Compounds						
2) A alpha-BHC	3.994	3.277	154.6E6	202.1E6	44.789	46.488
3) MA gamma-BHC...	4.327	3.607	146.7E6	192.9E6	44.747	45.709
4) MA Heptachlor	4.915	3.945	135.1E6	194.6E6	46.152	46.813
5) MB Aldrin	5.256	4.224	129.8E6	186.4E6	44.607	45.441
6) B beta-BHC	4.525	3.907	67184764	85650332	46.605	47.650
7) B delta-BHC	4.772	4.136	140.9E6	193.3E6	45.991	45.716
8) B Heptachlo...	5.683	4.727	119.6E6	177.1E6	45.382	46.247
9) A Endosulfan I	6.068	5.097	109.8E6	168.5E6	46.523	48.232
10) B gamma-Chl...	5.939	4.975	117.4E6	186.0E6	46.699	48.274m
11) B alpha-Chl...	6.017	5.041	117.6E6	182.6E6	47.001	47.960
12) B 4,4'-DDE	6.191	5.229	107.8E6	178.9E6	48.047	48.652
13) MA Dieldrin	6.343	5.361	115.6E6	184.4E6	46.339	47.847
14) MA Endrin	6.571	5.636	93644886	156.5E6	43.506m	47.307
15) B Endosulfa...	6.793	5.931	101.6E6	164.9E6	44.702	50.740
16) A 4,4'-DDD	6.708	5.784	89270486	149.8E6	50.839	52.931
17) MA 4,4'-DDT	7.022	6.034	87262533	142.9E6	47.207	47.307
18) B Endrin al...	6.923	6.110	81519783	131.0E6	45.939	48.636
19) B Endosulfa...	7.157	6.333	95435567	157.9E6	47.268	50.059
20) A Methoxychlor	7.498	6.609	45610067	75168098	45.625	46.699
21) B Endrin ke...	7.642	6.838	107.7E6	186.1E6	47.986	51.117
22) Mirex	8.115	7.018	81326258	136.8E6	43.520	44.746

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012025\
Data File : PL093712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 15:26
Operator : AR\AJ
Sample : PB166096BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

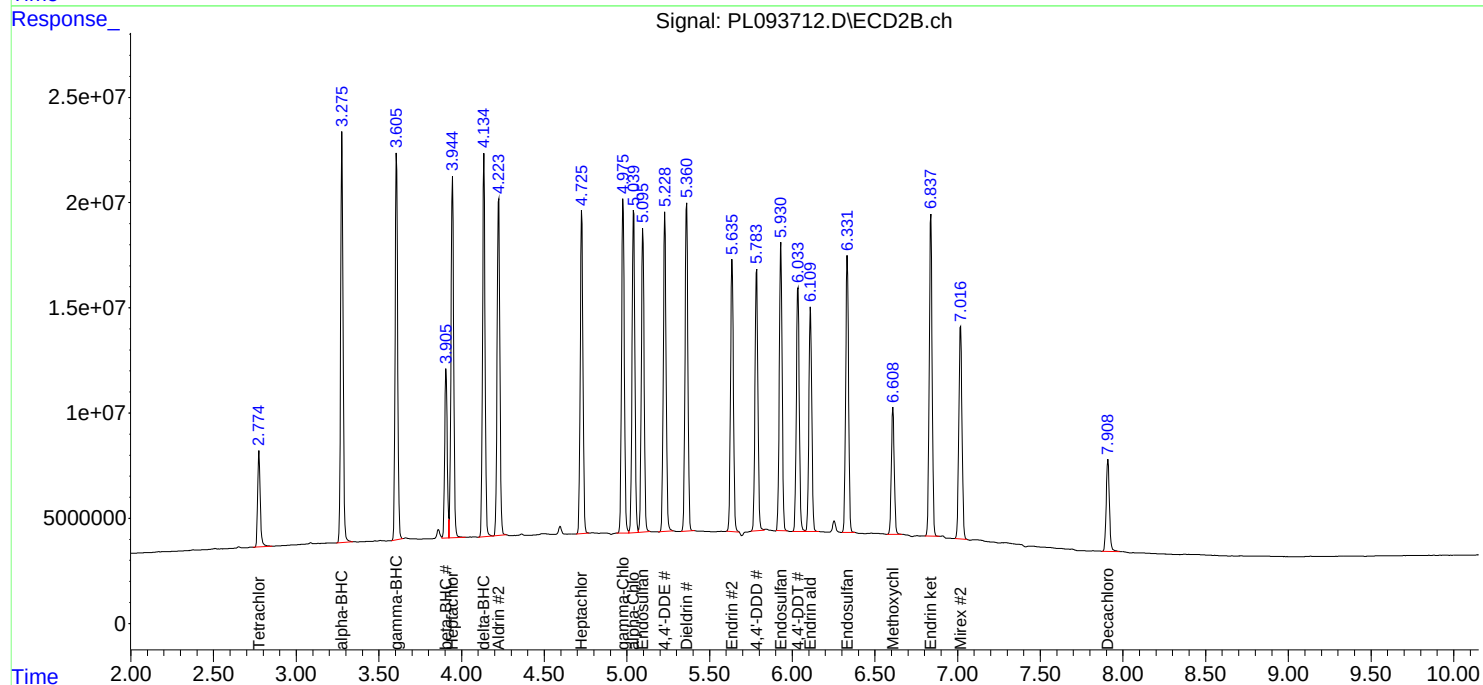
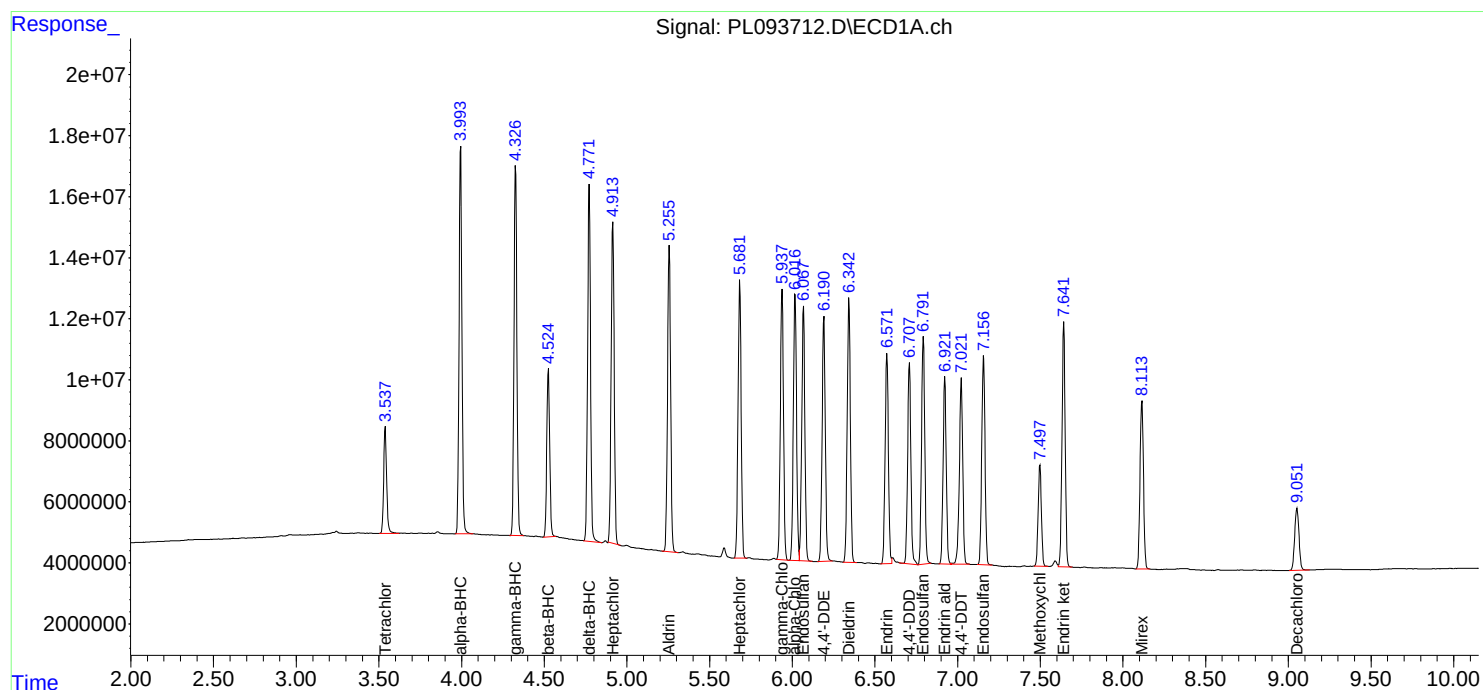
Instrument :
ECD_L
ClientSampleId :
PB166096BS

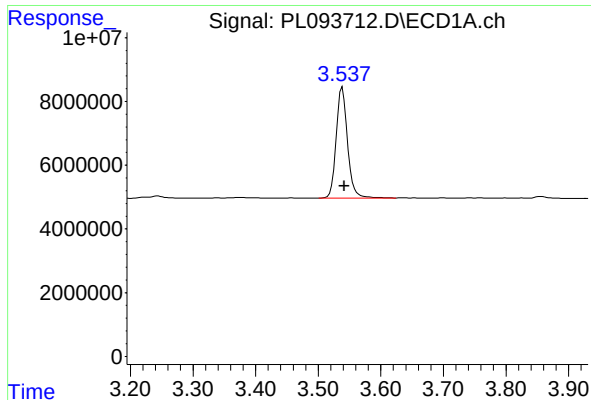
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 01/21/2025
Supervised By : Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 05:14:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
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





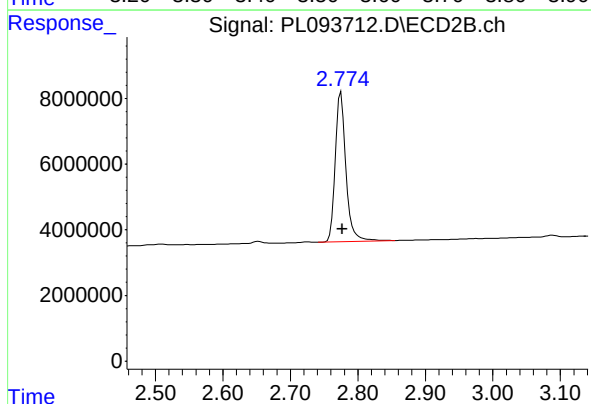
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.003 min
Response: 43832966
Conc: 17.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

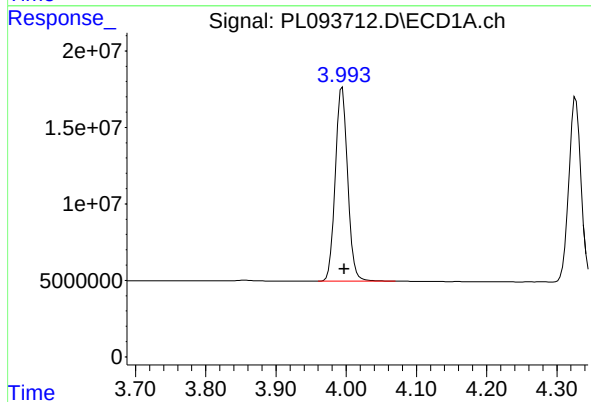
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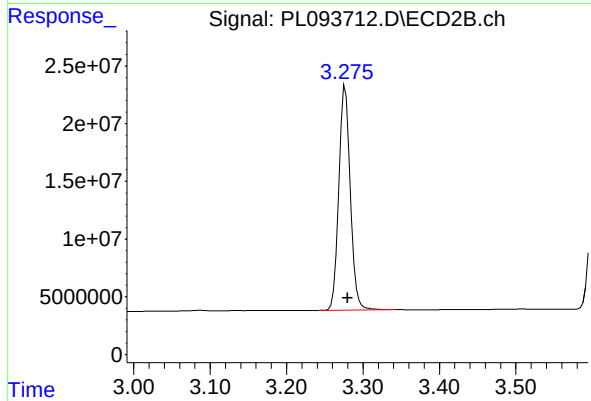
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 50233653
Conc: 17.26 ng/ml



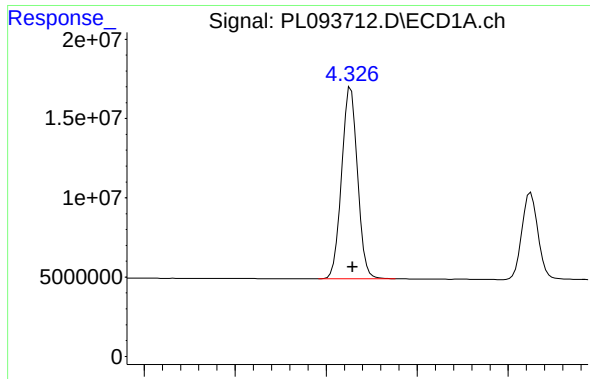
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.003 min
Response: 154629810
Conc: 44.79 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 202075249
Conc: 46.49 ng/ml



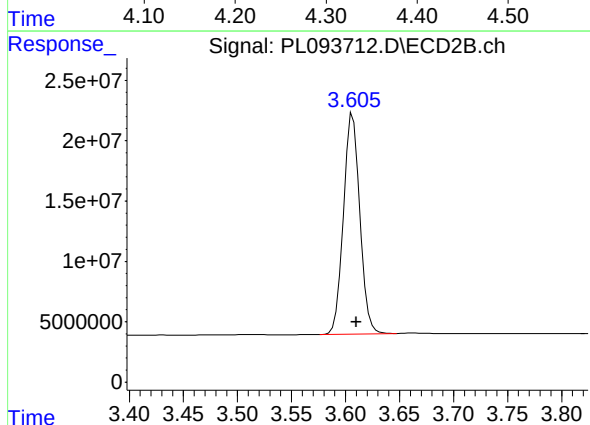
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 146744268
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

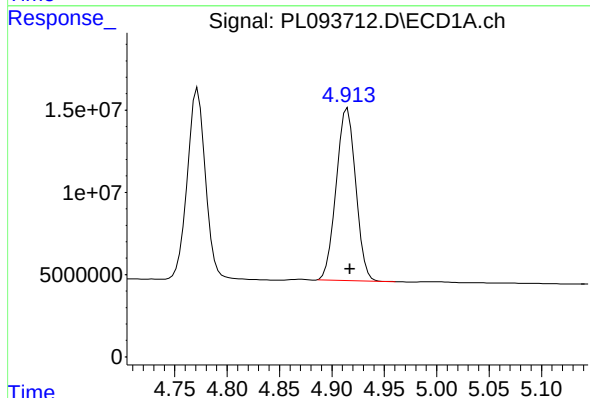
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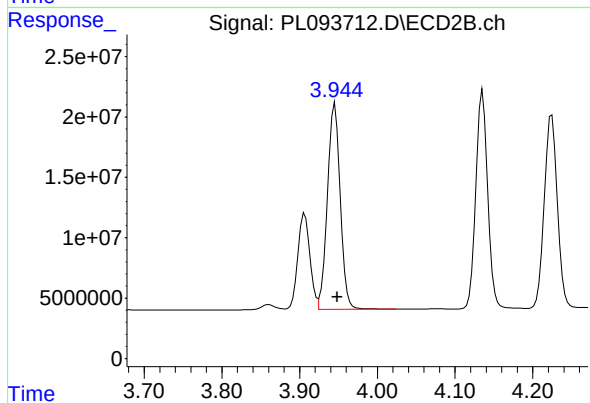
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 192861084
Conc: 45.71 ng/ml



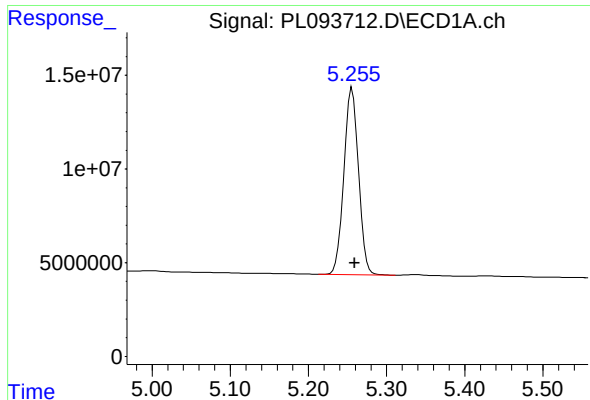
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.003 min
Response: 135146775
Conc: 46.15 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 194550315
Conc: 46.81 ng/ml



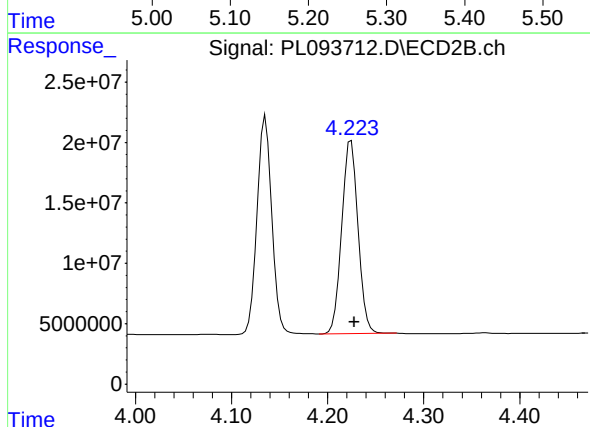
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 129756016
Conc: 44.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

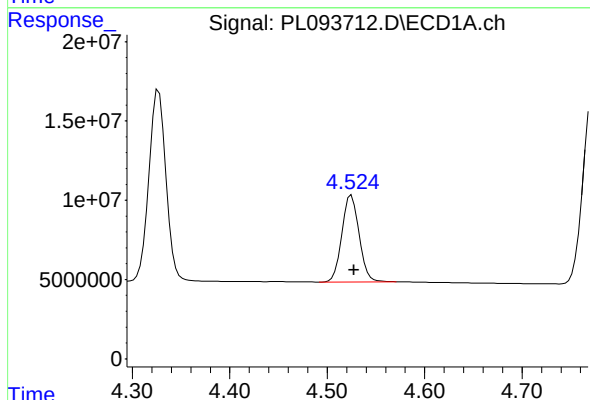
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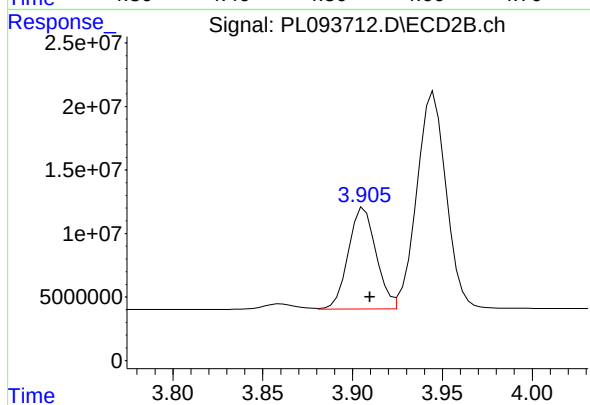
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: -0.003 min
Response: 186411906
Conc: 45.44 ng/ml



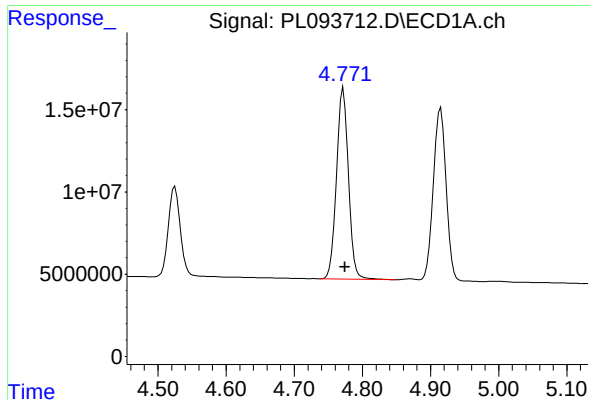
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 67184764
Conc: 46.60 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 85650332
Conc: 47.65 ng/ml



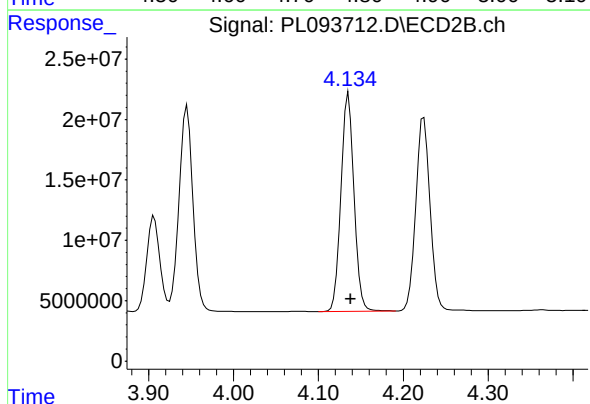
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 140851490
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

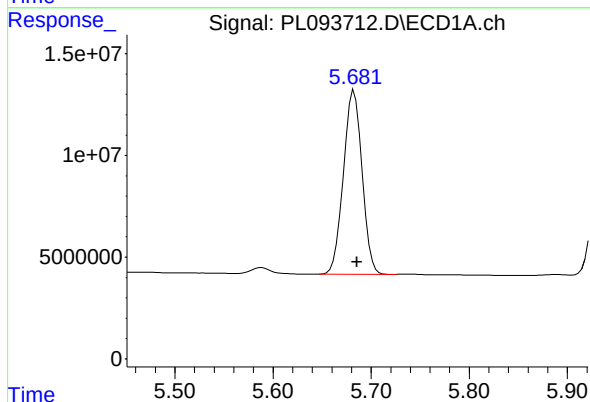
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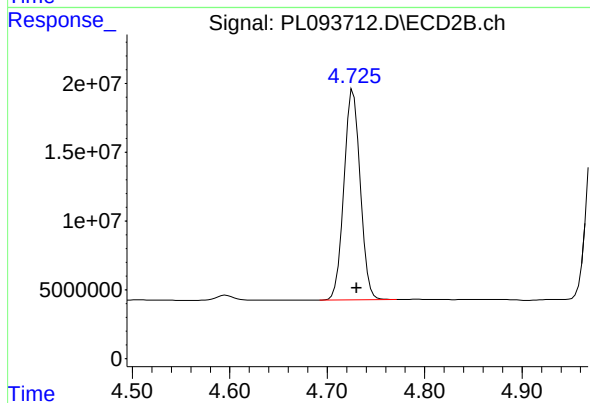
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.003 min
Response: 193325733
Conc: 45.72 ng/ml



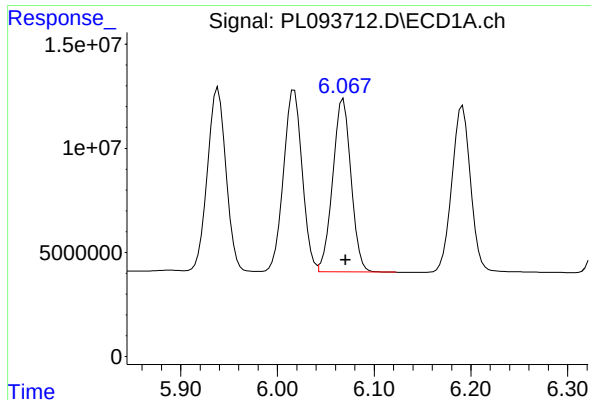
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 119552032
Conc: 45.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: -0.003 min
Response: 177065439
Conc: 46.25 ng/ml



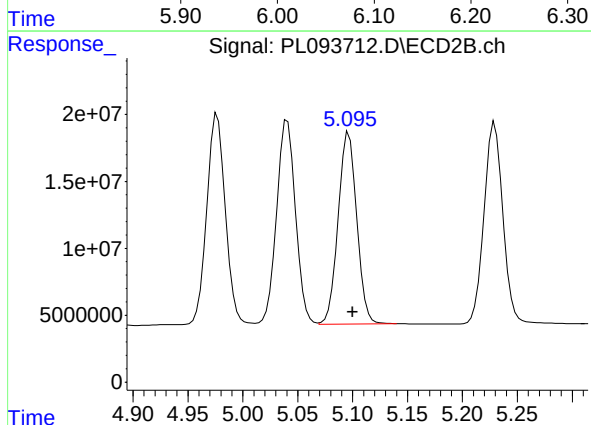
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 109758887
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

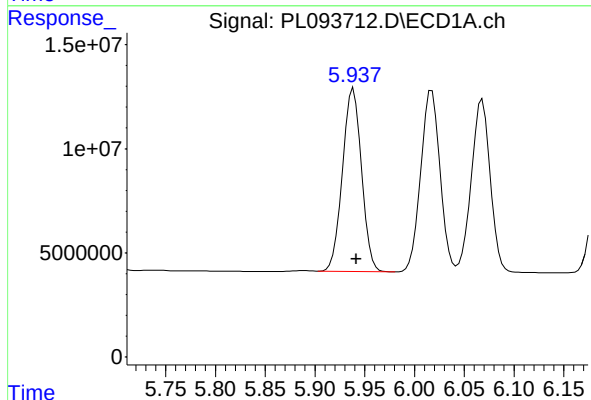
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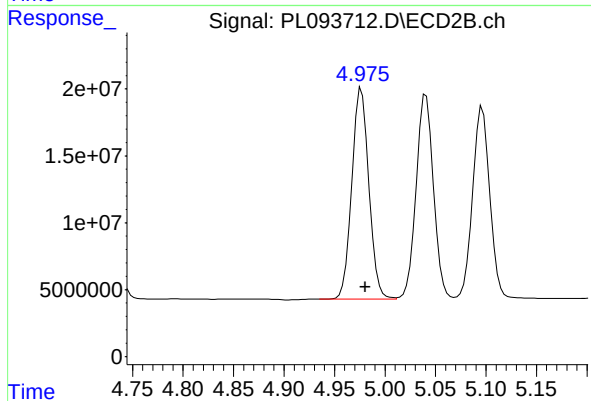
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: -0.003 min
Response: 168521493
Conc: 48.23 ng/ml



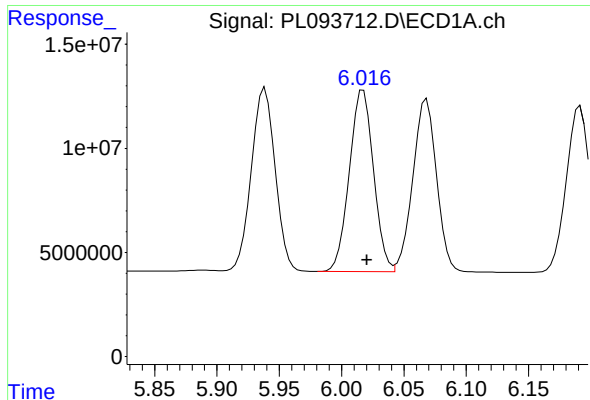
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 117360055
Conc: 46.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 185999300
Conc: 48.27 ng/ml m



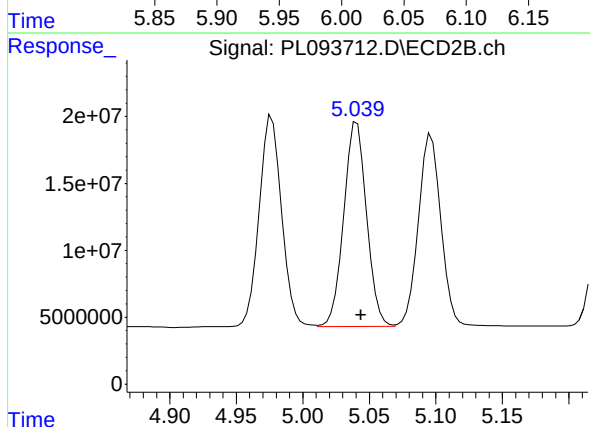
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.003 min
Response: 117638683
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

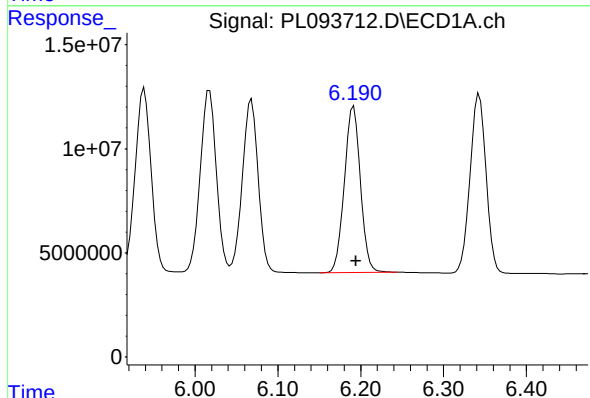
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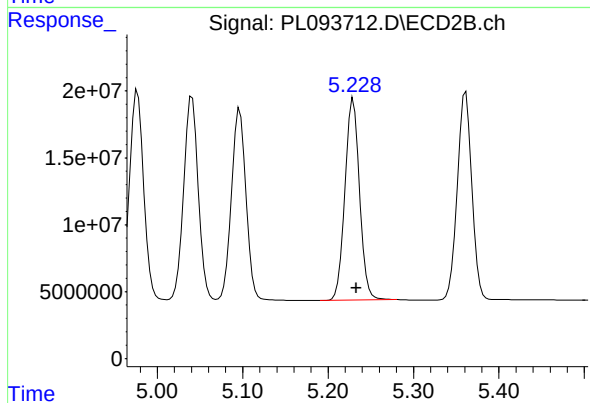
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 182601336
Conc: 47.96 ng/ml



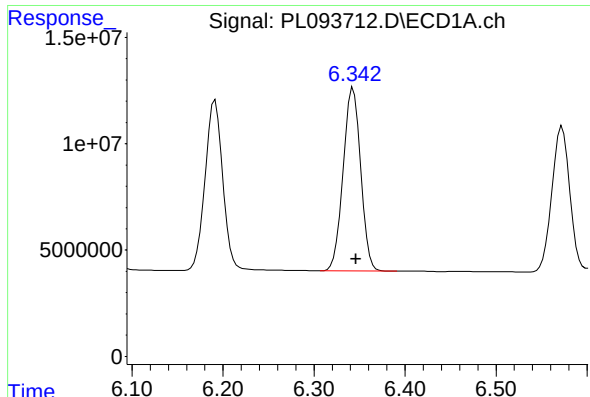
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 107809846
Conc: 48.05 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 178906017
Conc: 48.65 ng/ml



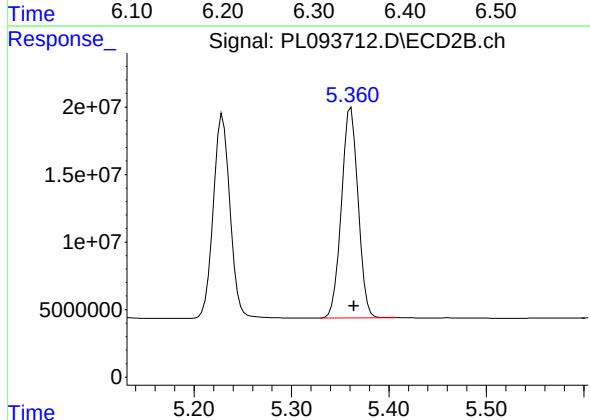
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 115620816
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

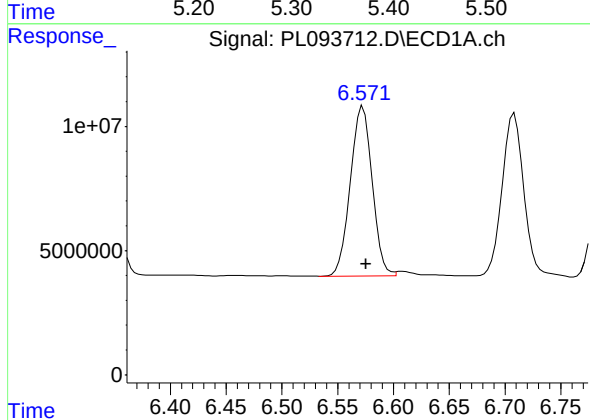
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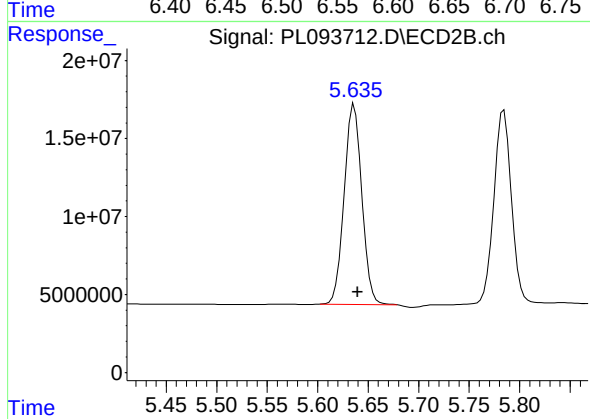
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: -0.003 min
Response: 184396989
Conc: 47.85 ng/ml



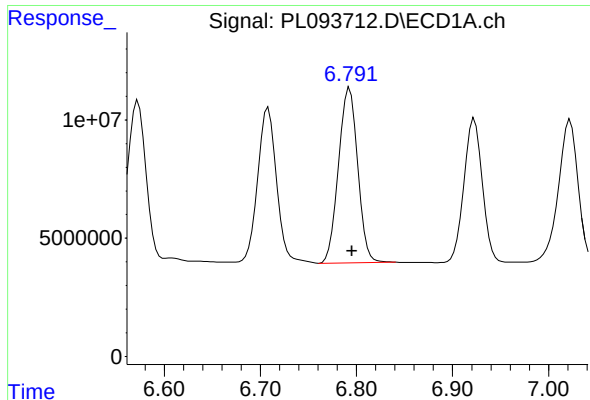
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.004 min
Response: 93644886
Conc: 43.51 ng/ml m



#14 Endrin

R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 156508411
Conc: 47.31 ng/ml



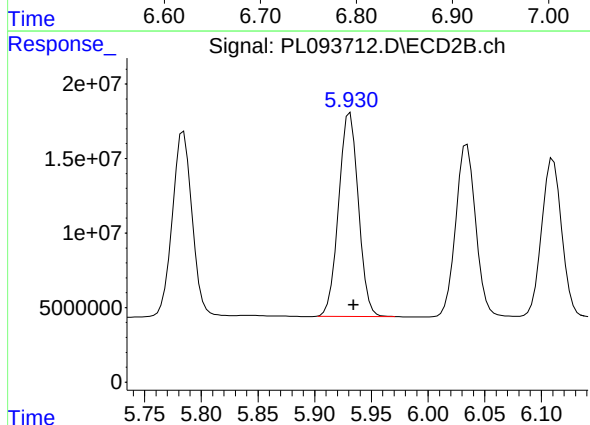
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 101620259
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

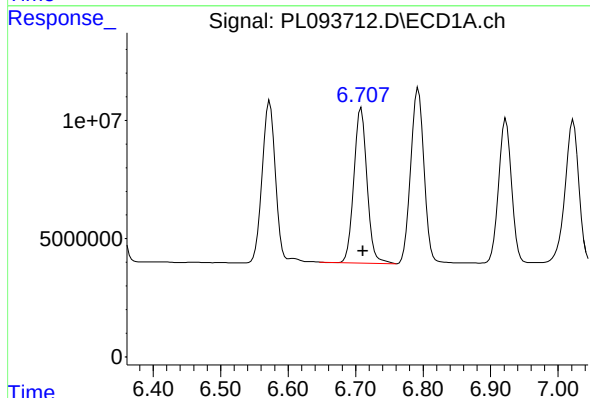
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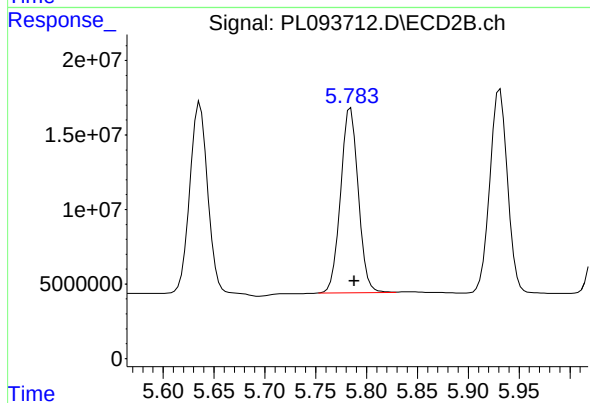
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 164852101
Conc: 50.74 ng/ml



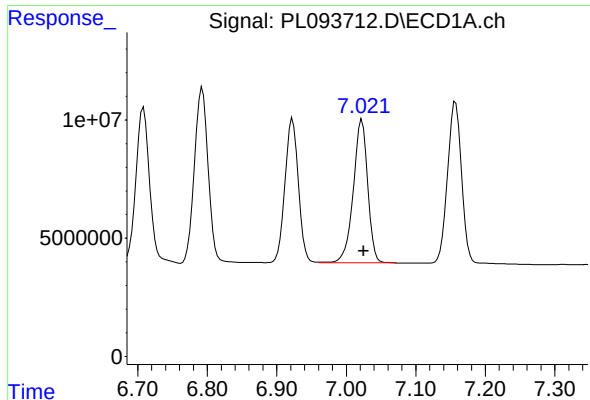
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 89270486
Conc: 50.84 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: -0.003 min
Response: 149802586
Conc: 52.93 ng/ml



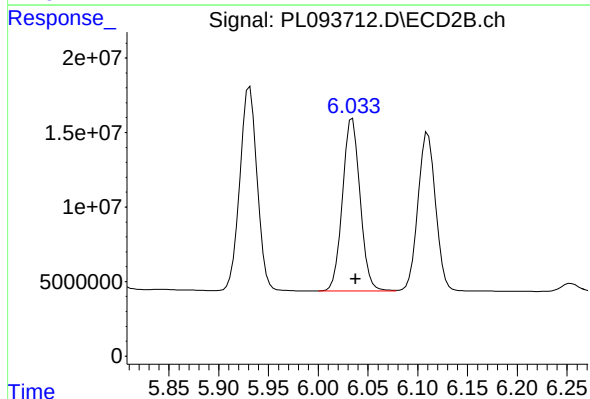
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.003 min
Response: 87262533
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

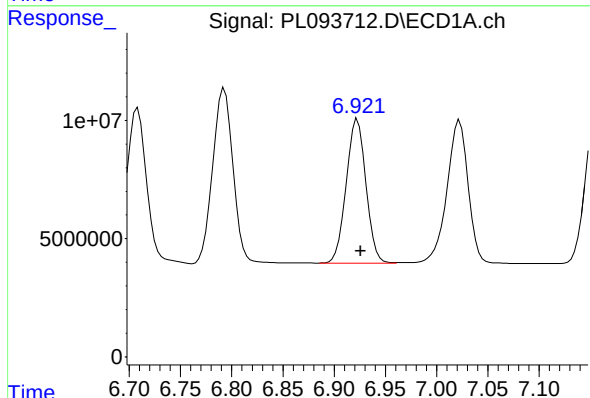
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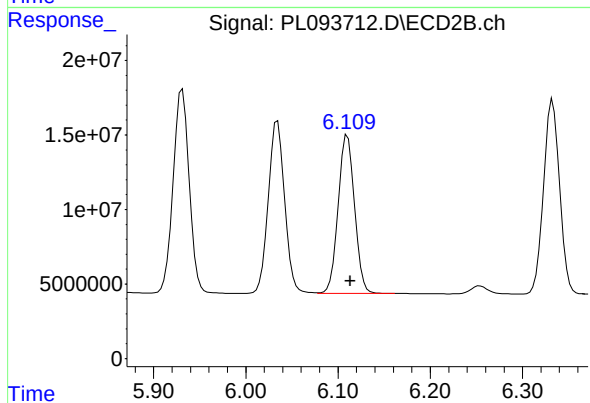
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: -0.003 min
Response: 142880048
Conc: 47.31 ng/ml



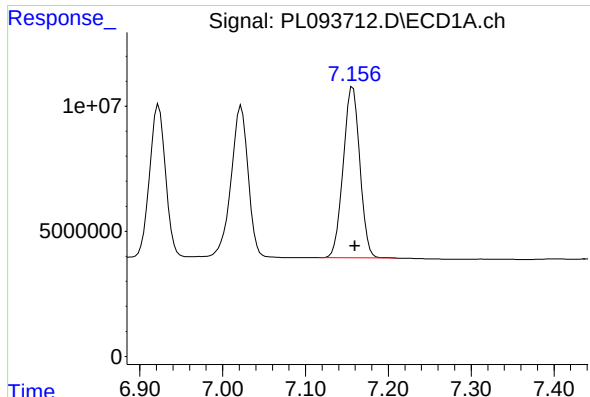
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.003 min
Response: 81519783
Conc: 45.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 130981777
Conc: 48.64 ng/ml



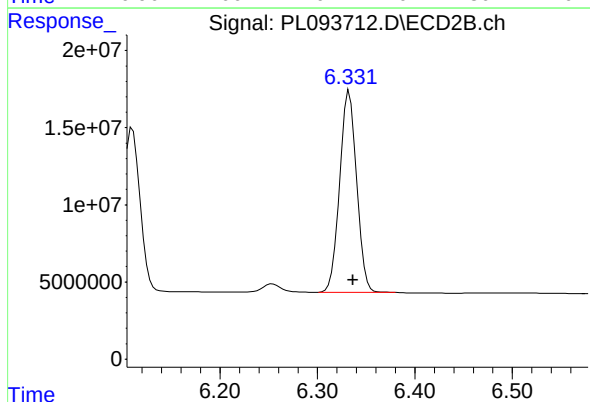
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.003 min
Response: 95435567
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

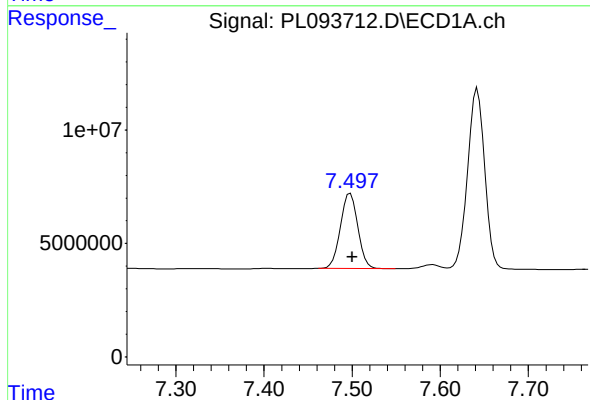
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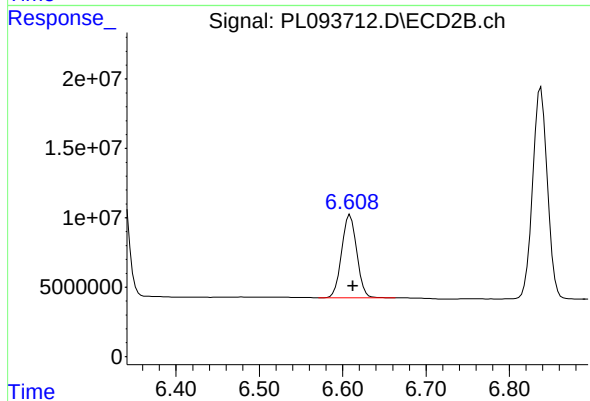
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: -0.004 min
Response: 157905178
Conc: 50.06 ng/ml



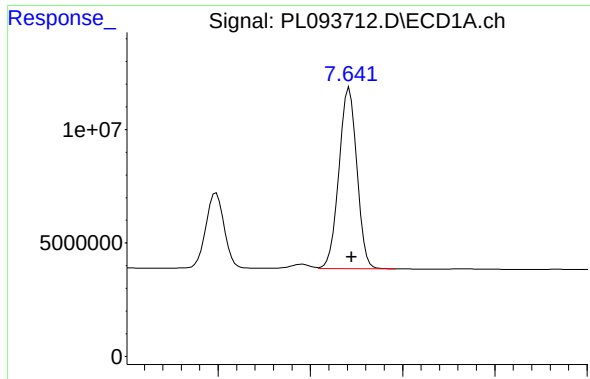
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 45610067
Conc: 45.62 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 75168098
Conc: 46.70 ng/ml



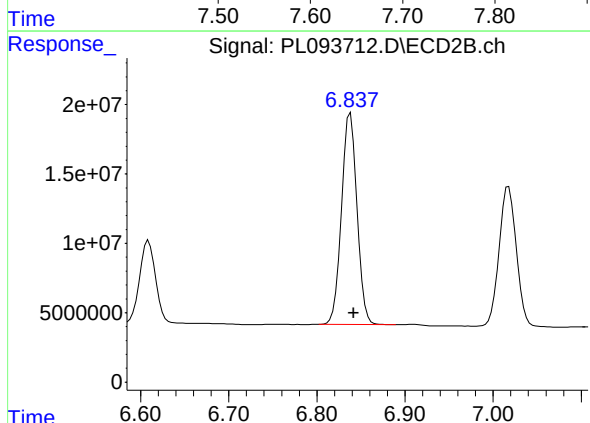
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 107674075
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

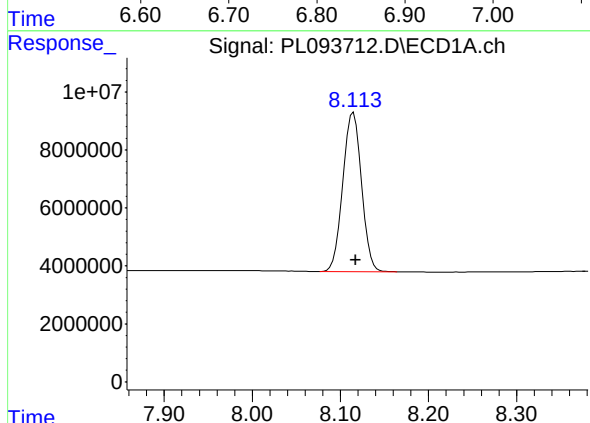
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Supervised By :Ankita Jodhani 01/21/2025



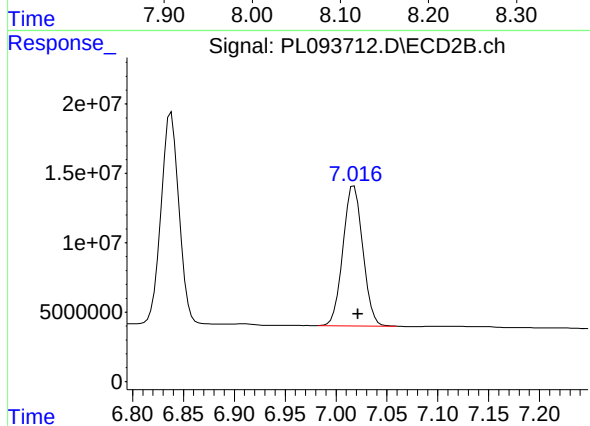
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.004 min
Response: 186084046
Conc: 51.12 ng/ml



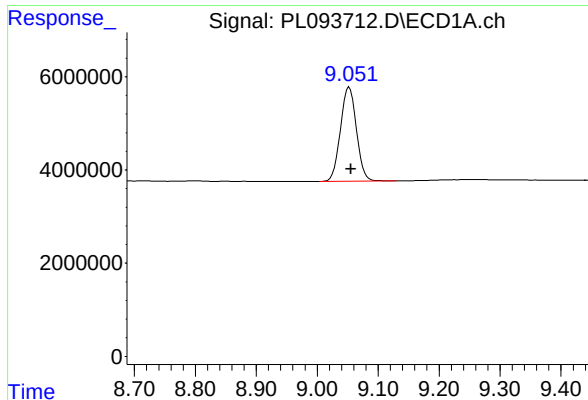
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 81326258
Conc: 43.52 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: -0.004 min
Response: 136766540
Conc: 44.75 ng/ml



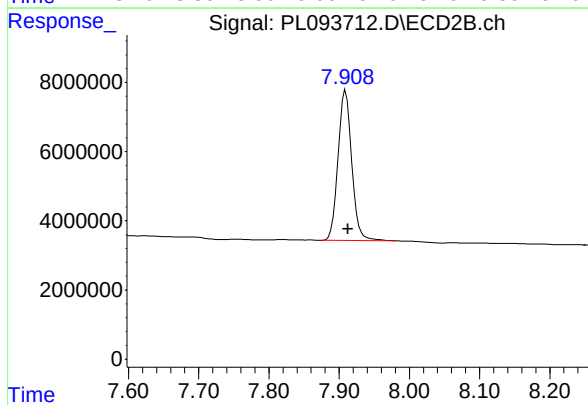
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 36878848
Conc: 19.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.003 min
Response: 58811838
Conc: 19.70 ng/ml