

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
 Data File : PL094436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 20:41
 Operator : AR\AJ
 Sample : PB166896BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166896BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/02/2025
 Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 22:19:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.537	2.771	50440436	61664688	19.865	19.324
28) SA Decachlor...	9.052	7.906	42914390	75713041	20.174	19.688
Target Compounds						
2) A alpha-BHC	3.993	3.274	178.4E6	236.9E6	47.163	48.197
3) MA gamma-BHC...	4.325	3.603	171.2E6	225.3E6	46.332	47.835
4) MA Heptachlor	4.913	3.941	168.1E6	234.5E6	49.571	49.675
5) MB Aldrin	5.255	4.221	161.4E6	220.2E6	47.035	47.666
6) B beta-BHC	4.524	3.904	77215125	99182546	48.353	49.867
7) B delta-BHC	4.770	4.132	168.7E6	223.1E6	47.674m	47.106
8) B Heptachlo...	5.682	4.723	146.5E6	211.2E6	48.619	49.621
9) A Endosulfan I	6.068	5.093	134.2E6	202.5E6	48.832	50.794
10) B gamma-Chl...	5.938	4.973	144.0E6	220.1E6	49.031	50.727
11) B alpha-Chl...	6.017	5.037	142.9E6	217.0E6	49.329	50.255
12) B 4,4'-DDE	6.191	5.226	135.4E6	217.1E6	51.836	51.692
13) MA Dieldrin	6.342	5.357	140.3E6	222.4E6	49.261	50.746
14) MA Endrin	6.571	5.632	113.7E6	193.2E6	44.548m	56.738m#
15) B Endosulfa...	6.793	5.928	119.2E6	199.2E6	47.352	53.276
16) A 4,4'-DDD	6.707	5.781	103.3E6	179.0E6	55.840m	56.189
17) MA 4,4'-DDT	7.022	6.031	107.9E6	186.5E6	51.387	52.443
18) B Endrin al...	6.923	6.107	93851699	156.1E6	48.208	49.398
19) B Endosulfa...	7.158	6.330	108.9E6	188.2E6	48.118	50.944
20) A Methoxychlor	7.499	6.606	55252524	99677369	49.730	51.090
21) B Endrin ke...	7.643	6.835	121.9E6	227.9E6	48.629	53.406
22) Mirex	8.115	7.016	90054734	165.1E6	43.646	47.339

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
Data File : PL094436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 20:41
Operator : AR\AJ
Sample : PB166896BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

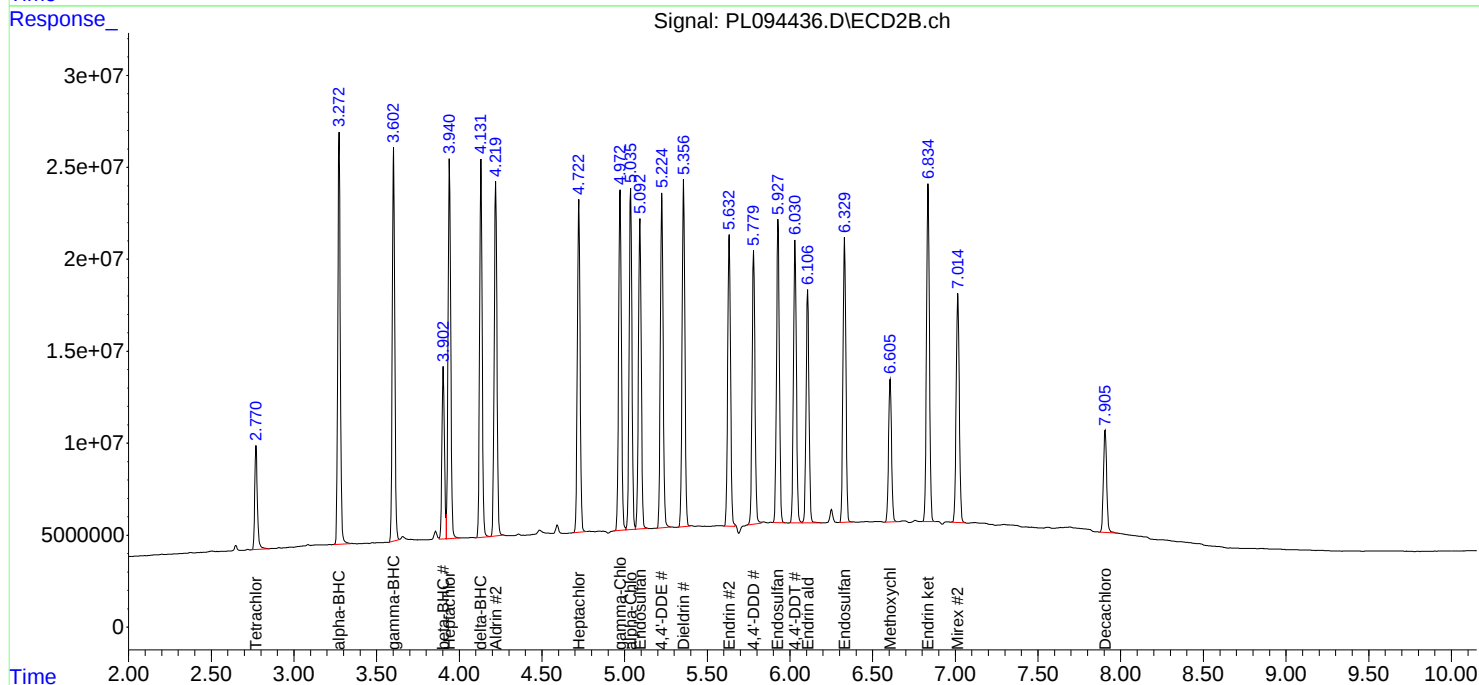
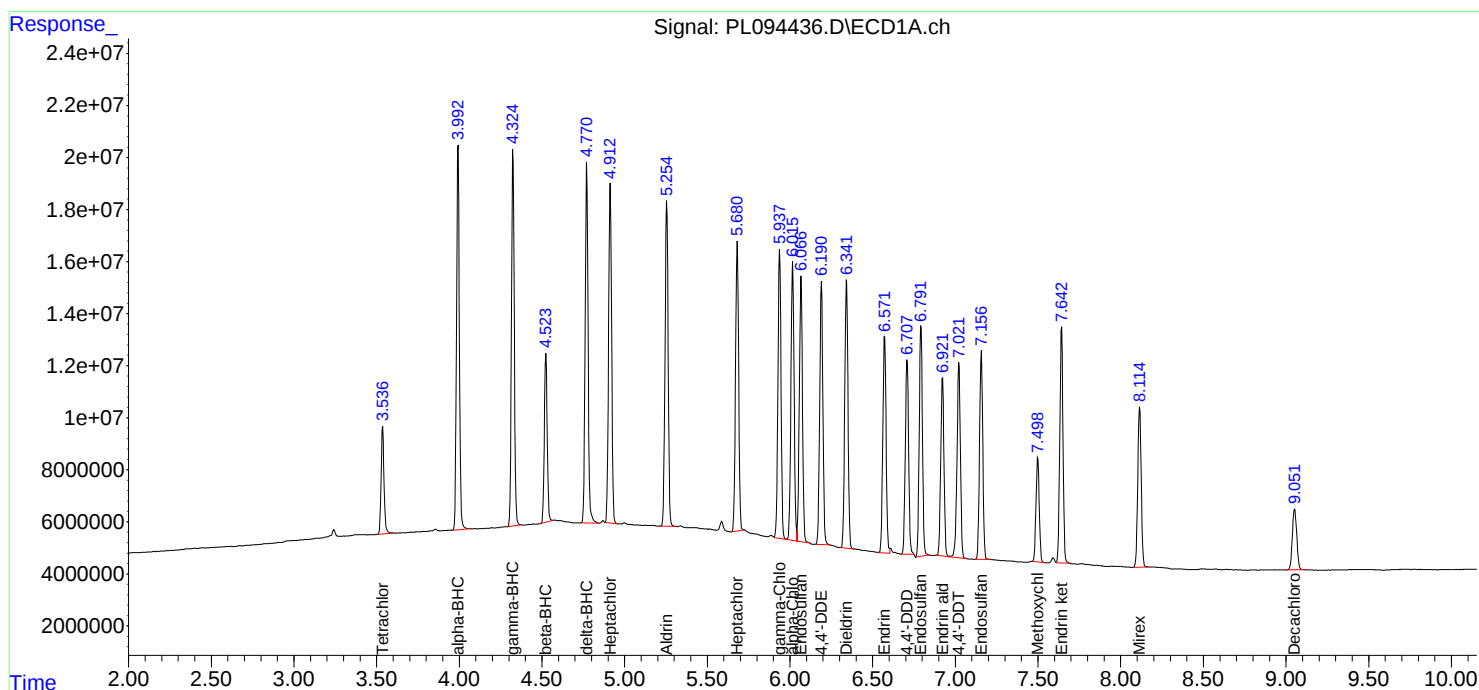
Instrument :
ECD_L
ClientSampleId :
PB166896BS

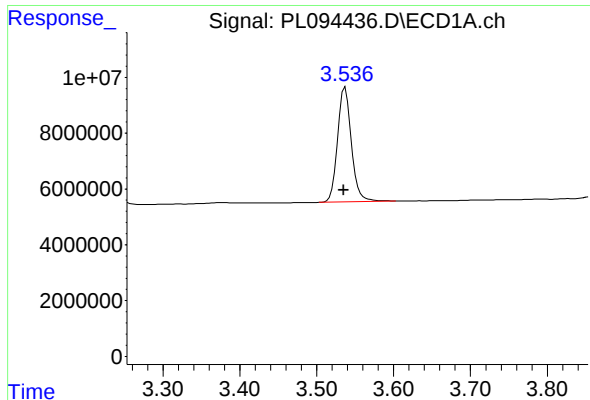
Manual Integrations
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Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:19:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





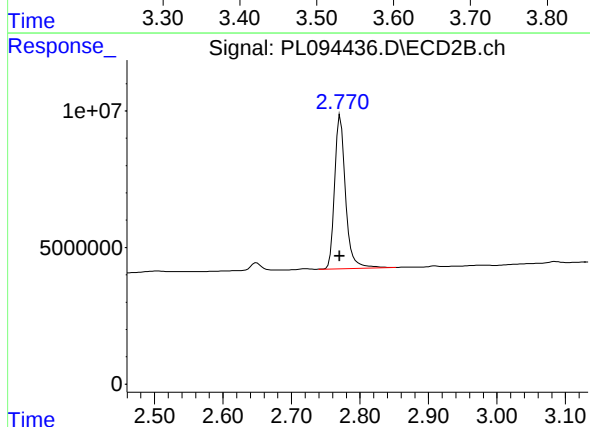
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 50440436
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166896BS

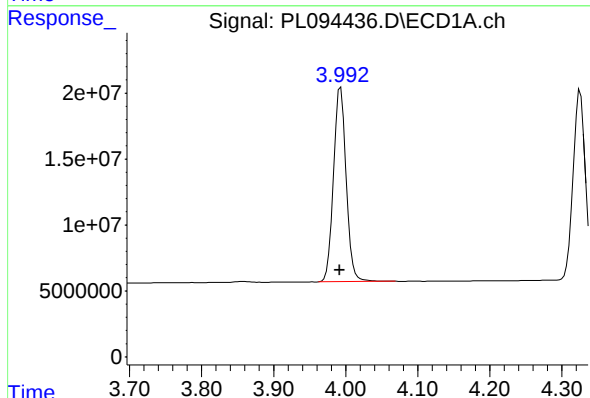
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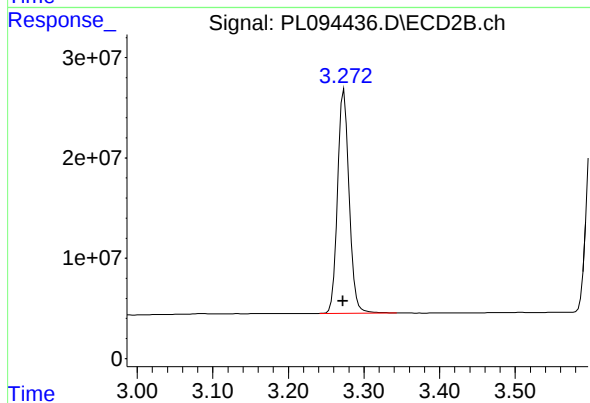
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 61664688
Conc: 19.32 ng/ml



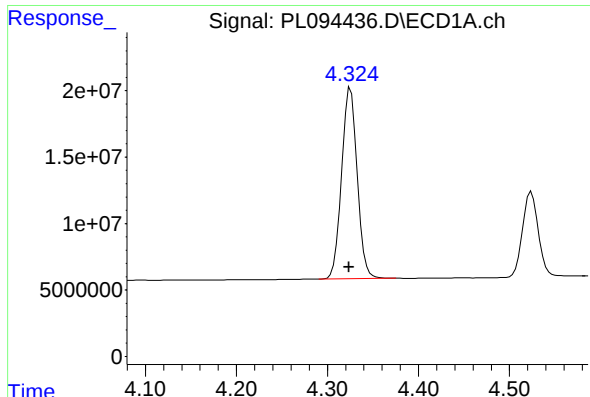
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 178401676
Conc: 47.16 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.001 min
Response: 236879976
Conc: 48.20 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.002 min
Response: 171182796
Conc: 46.33 ng/ml

Instrument :

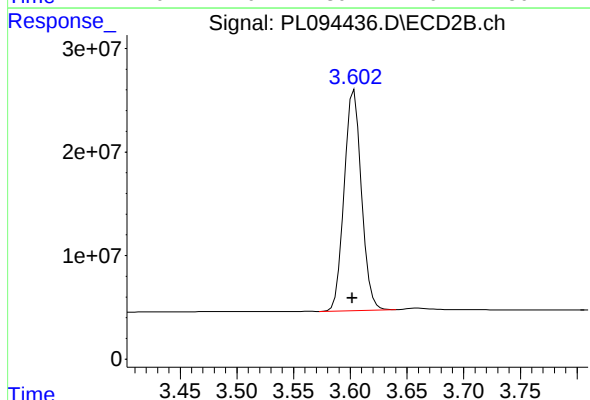
ECD_L

ClientSampleId :

PB166896BS

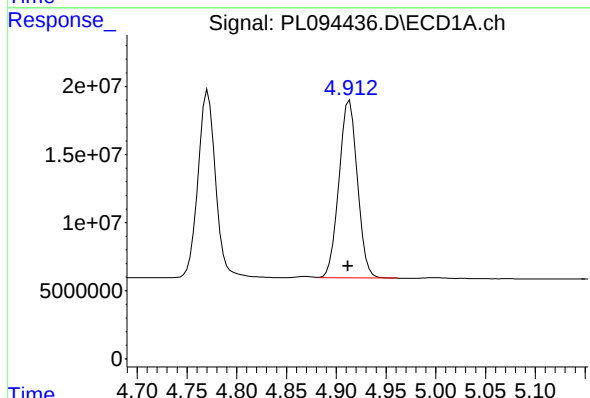
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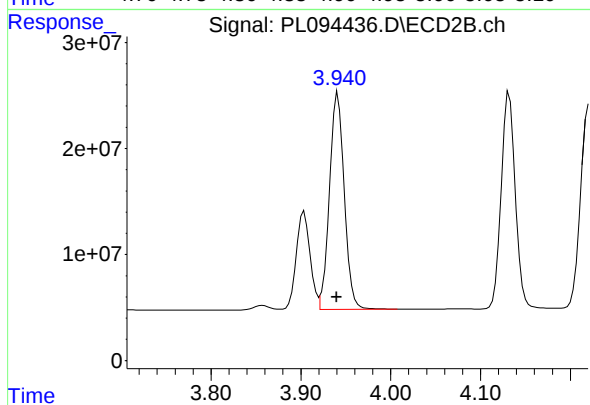
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 225301792
Conc: 47.84 ng/ml



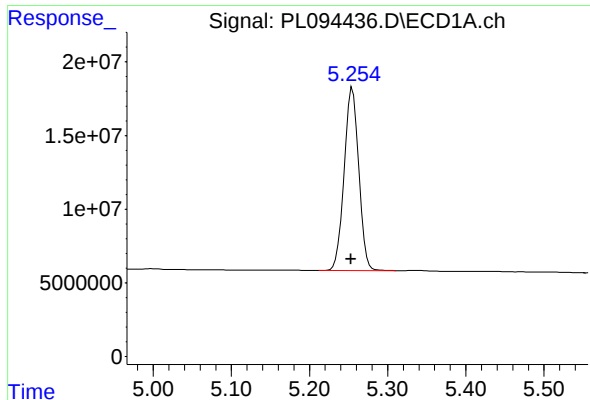
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 168063465
Conc: 49.57 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.001 min
Response: 234478980
Conc: 49.67 ng/ml



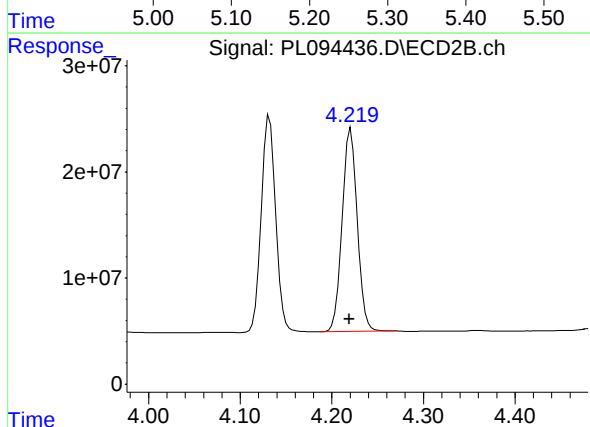
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 161411296
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166896BS

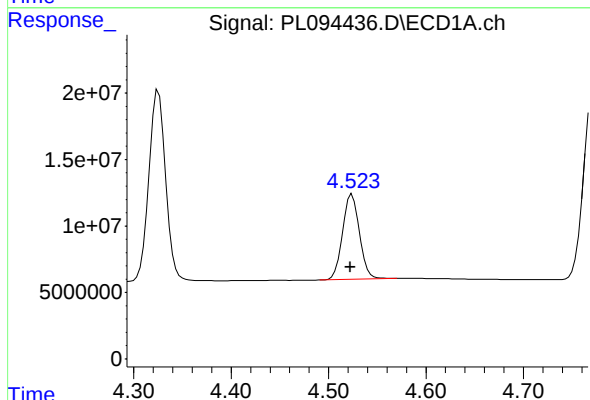
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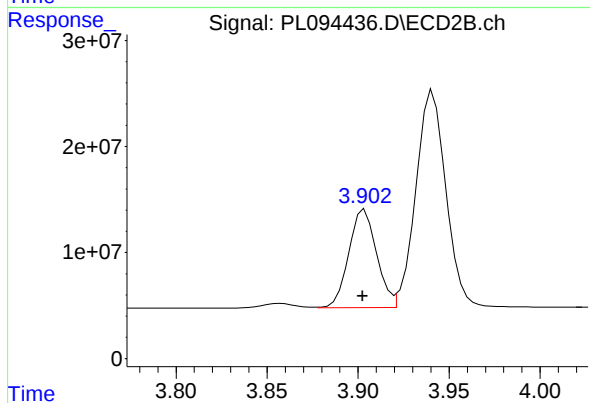
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 220236381
Conc: 47.67 ng/ml



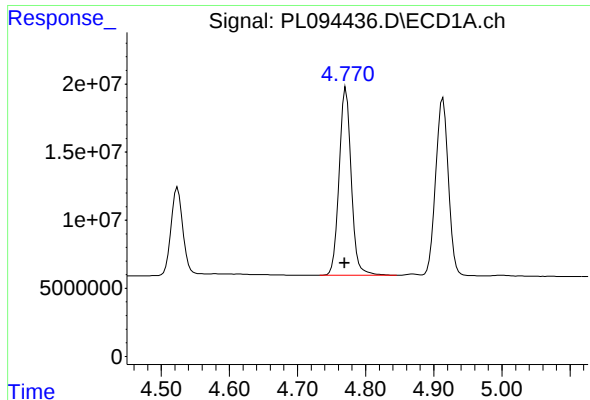
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 77215125
Conc: 48.35 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 99182546
Conc: 49.87 ng/ml



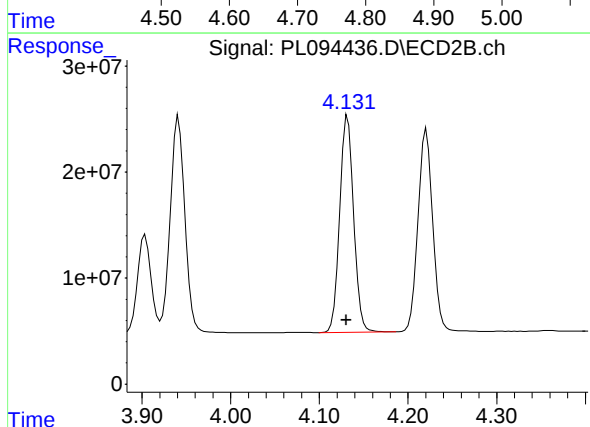
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 168684069
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166896BS

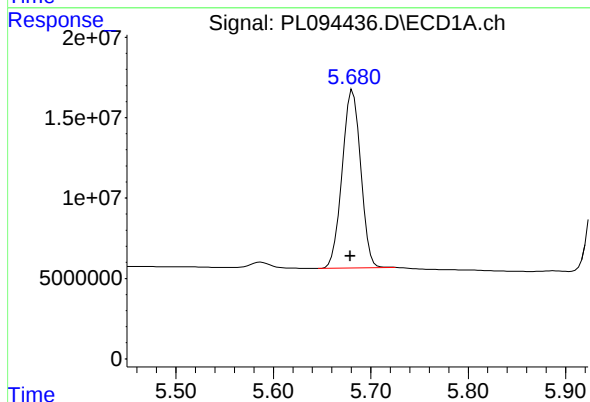
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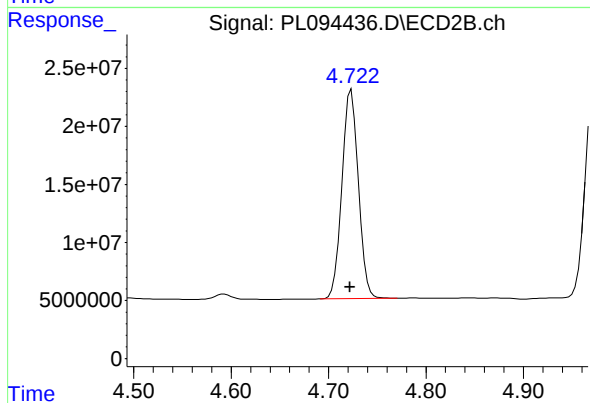
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 223079897
Conc: 47.11 ng/ml



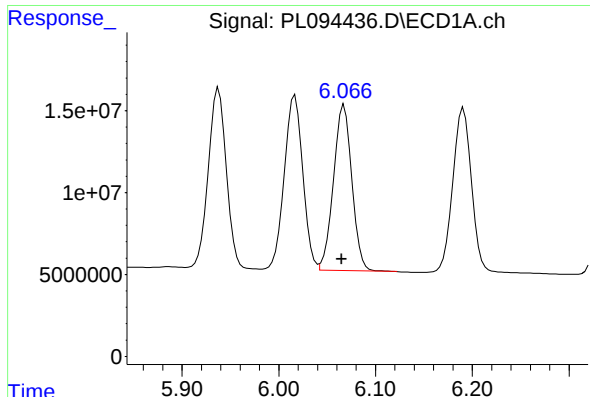
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 146507561
Conc: 48.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.001 min
Response: 211157020
Conc: 49.62 ng/ml



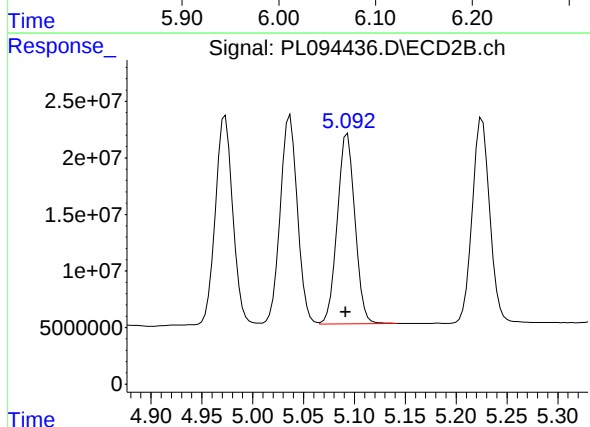
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 134219797
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166896BS

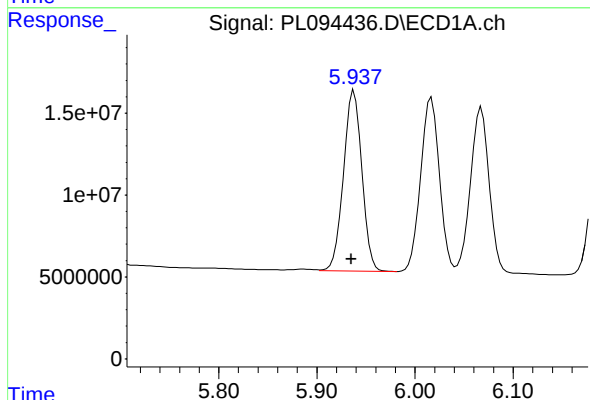
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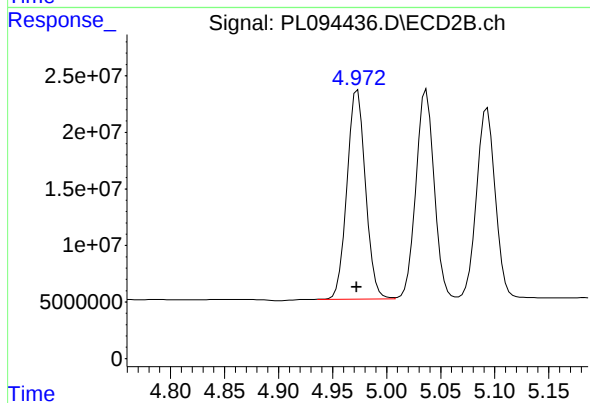
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 202494345
Conc: 50.79 ng/ml



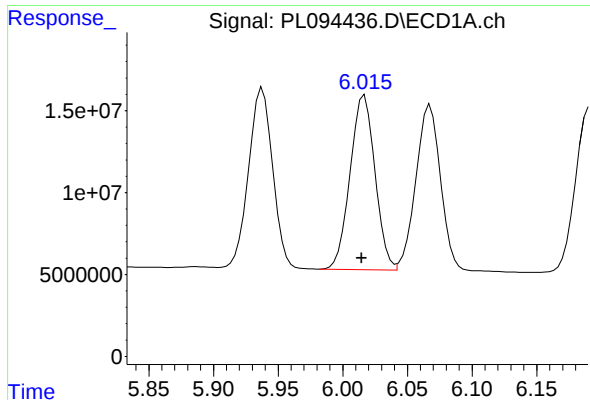
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 143963145
Conc: 49.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 220096856
Conc: 50.73 ng/ml



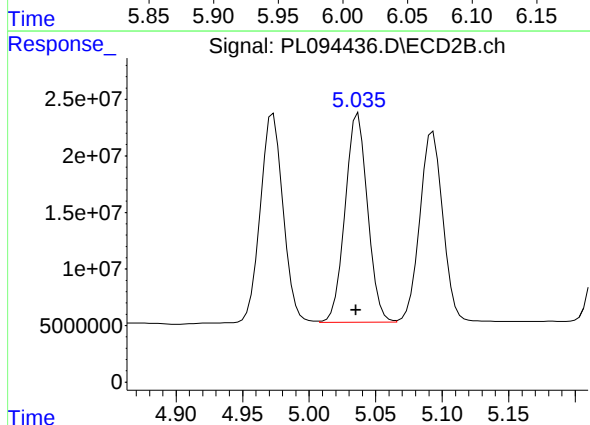
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 142911679
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166896BS

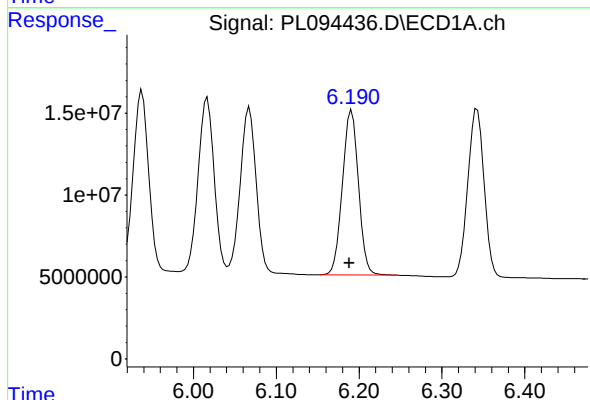
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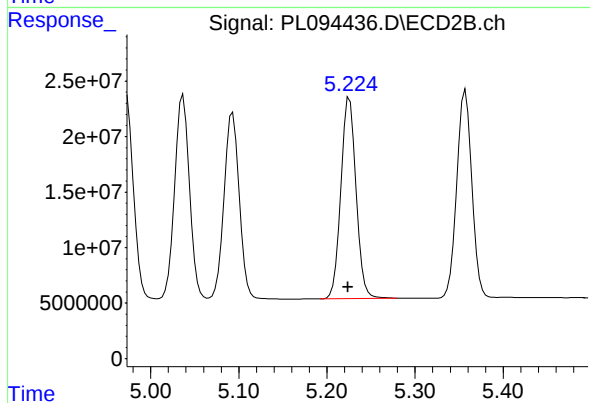
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 216980023
Conc: 50.25 ng/ml



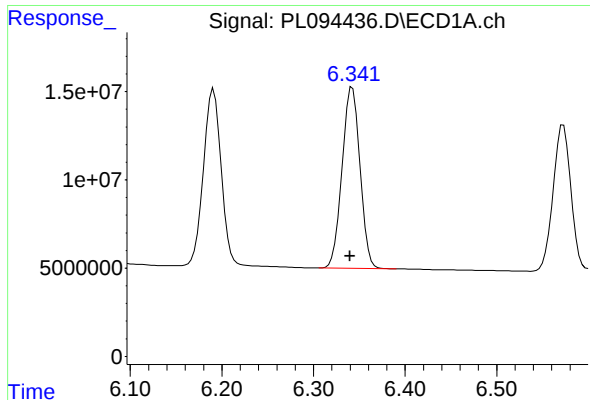
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 135381576
Conc: 51.84 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 217108181
Conc: 51.69 ng/ml



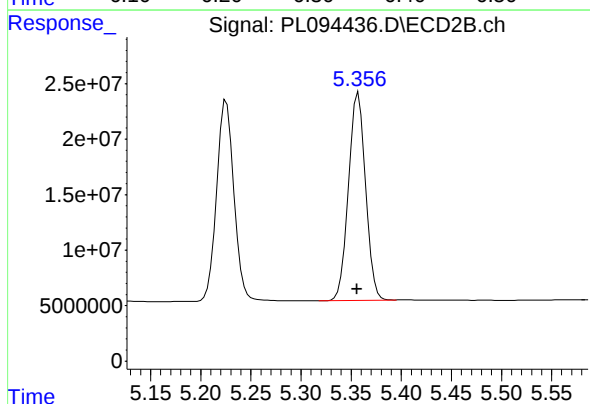
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 140346218
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166896BS

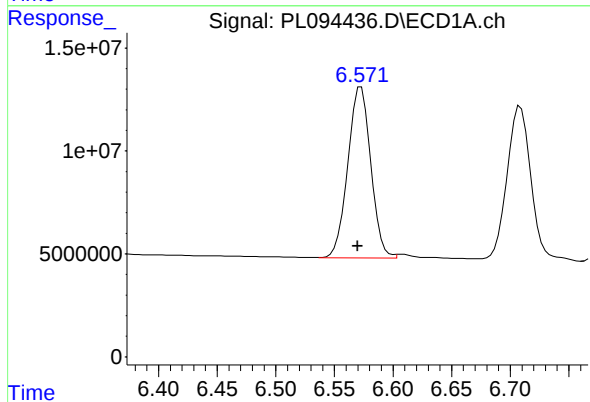
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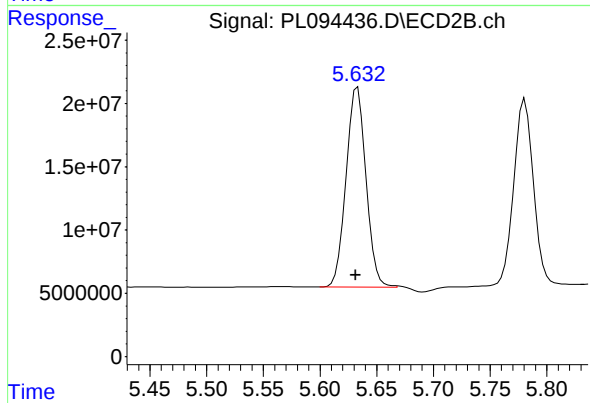
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.001 min
Response: 222359179
Conc: 50.75 ng/ml



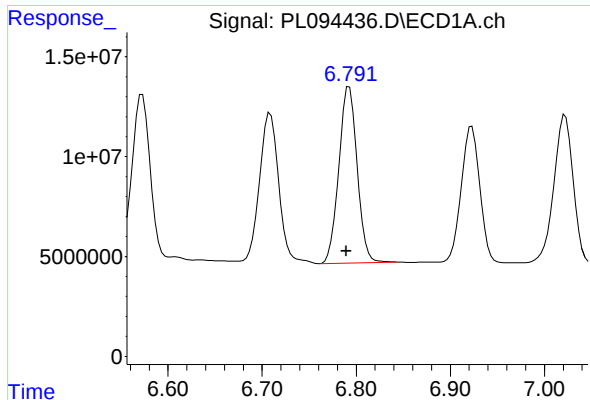
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.002 min
Response: 113699859
Conc: 44.55 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 193176978
Conc: 56.74 ng/ml m



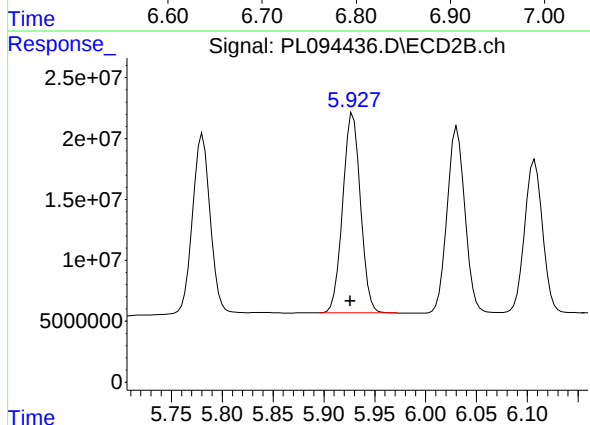
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 119195598
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166896BS

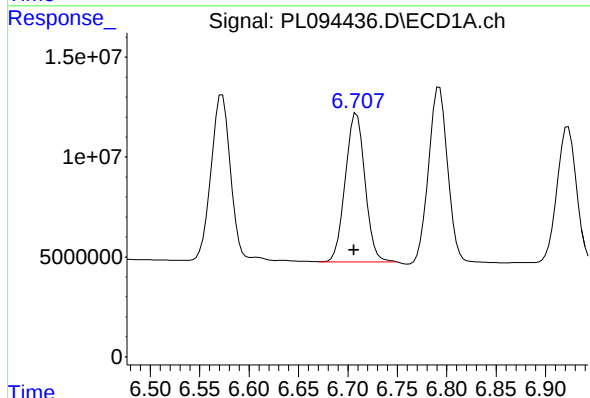
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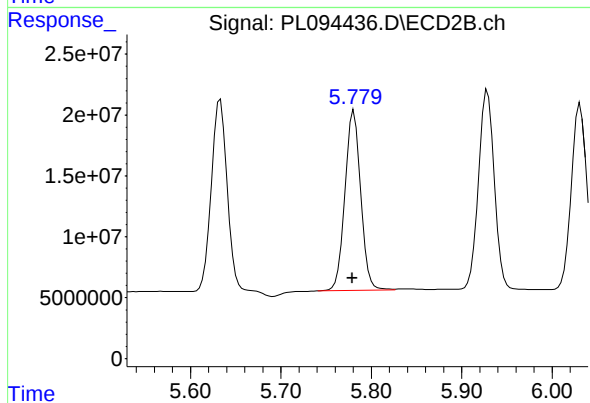
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 199226118
Conc: 53.28 ng/ml



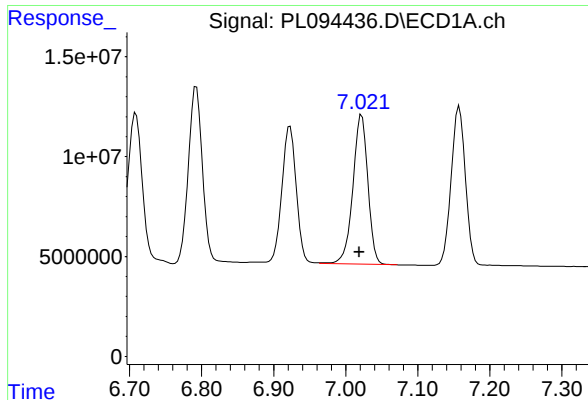
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.001 min
Response: 103290790
Conc: 55.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 178980034
Conc: 56.19 ng/ml



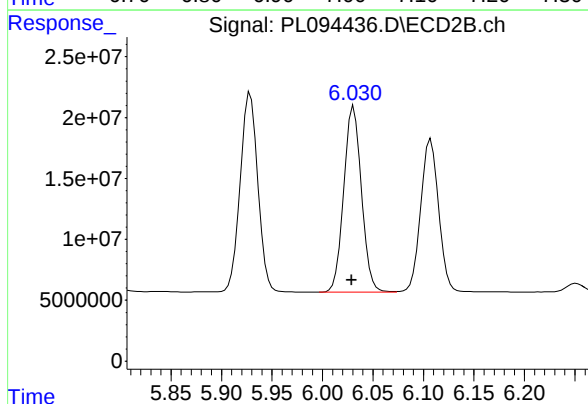
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 107913601
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166896BS

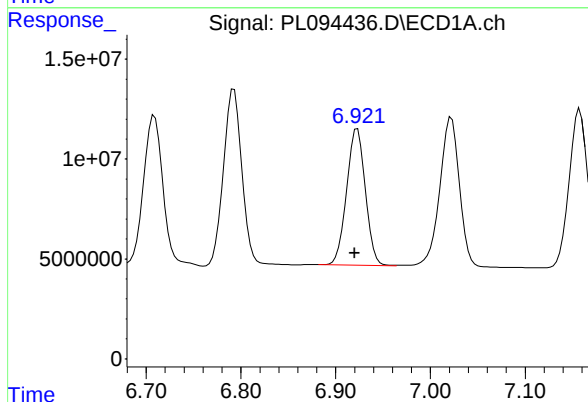
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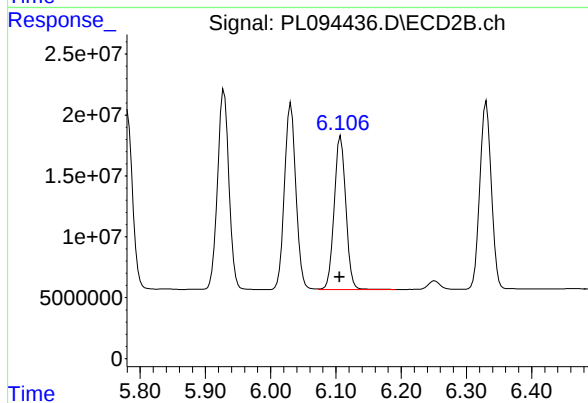
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 186538366
Conc: 52.44 ng/ml



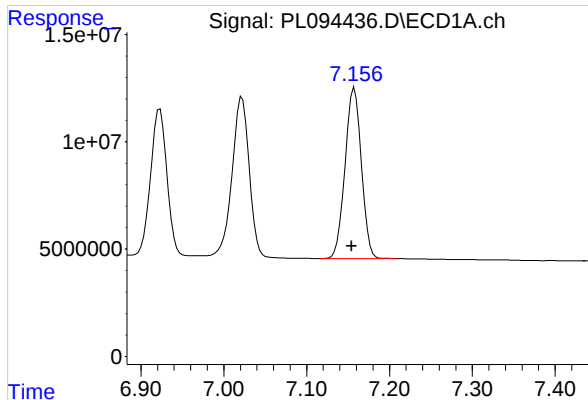
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 93851699
Conc: 48.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 156118680
Conc: 49.40 ng/ml



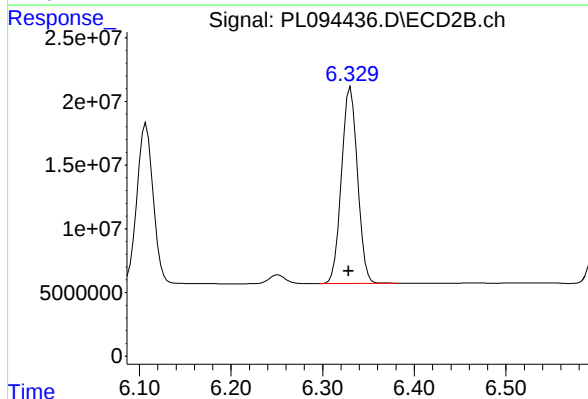
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.003 min
Response: 108932324
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166896BS

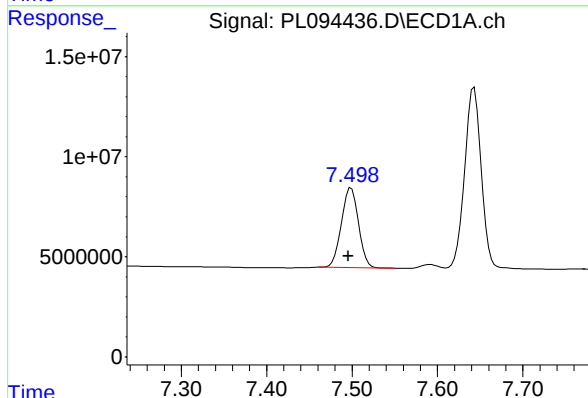
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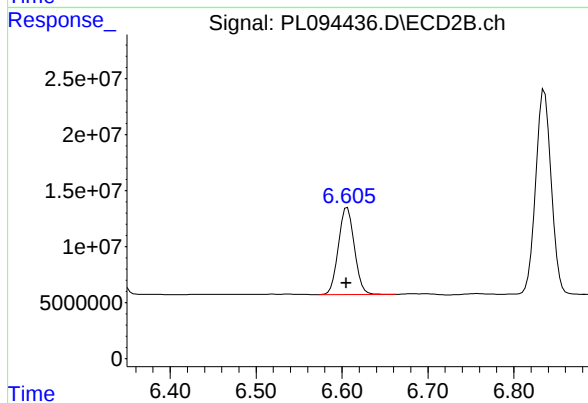
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 188167904
Conc: 50.94 ng/ml



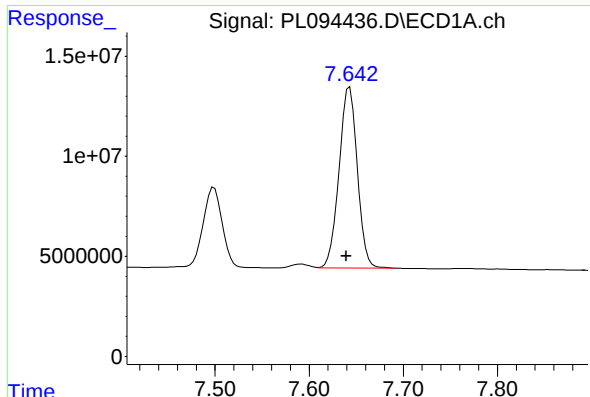
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.003 min
Response: 55252524
Conc: 49.73 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.001 min
Response: 99677369
Conc: 51.09 ng/ml



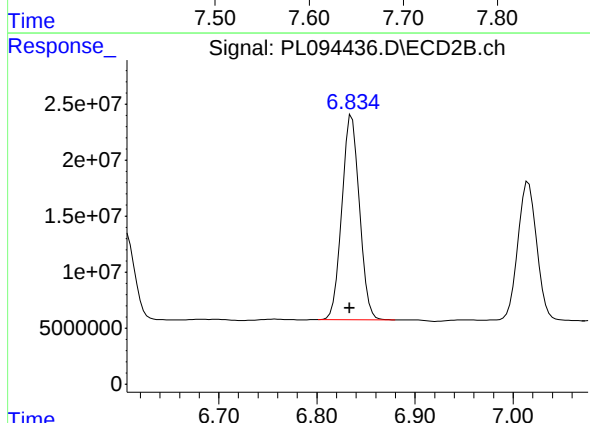
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.004 min
Response: 121908432
Conc: 48.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166896BS

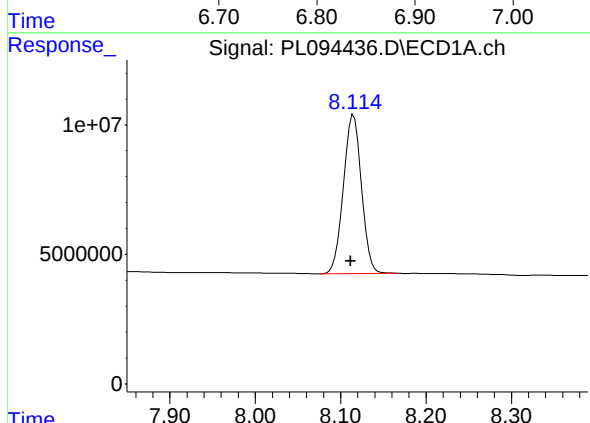
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Ankita Jodhani 03/04/2025



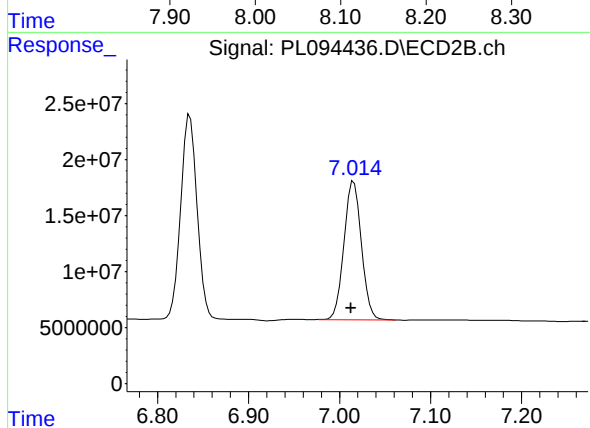
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 227911319
Conc: 53.41 ng/ml



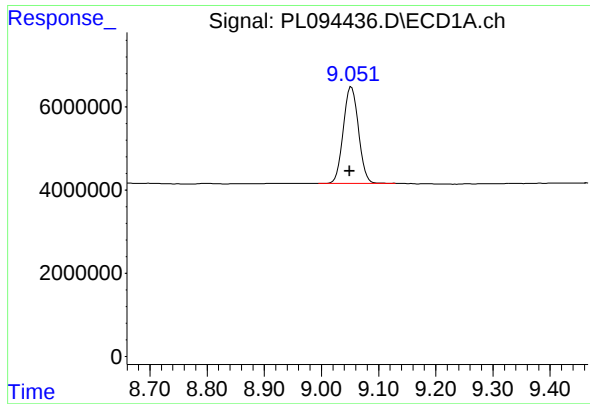
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.004 min
Response: 90054734
Conc: 43.65 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.003 min
Response: 165072687
Conc: 47.34 ng/ml



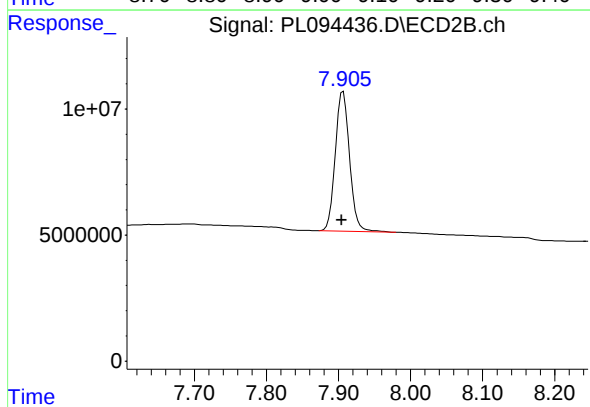
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.003 min
Response: 42914390
Conc: 20.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166896BS

Manual Integrations
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Supervised By :Ankita Jodhani 03/04/2025



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.002 min
Response: 75713041
Conc: 19.69 ng/ml