

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011425\
 Data File : PL093650.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2025 12:05
 Operator : AR\AJ
 Sample : PB166044BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166044BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/15/2025
 Supervised By : Ankita Jodhani 01/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 02:08:24 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...	3.540	2.775	49768490	55187695	20.103	18.957
28) SA Decachlor...	9.060	7.914	41796518	64675667	22.605	21.660
Target Compounds						
2) A alpha-BHC	3.997	3.278	177.5E6	225.5E6	51.426	51.872
3) MA gamma-BHC...	4.329	3.608	168.1E6	214.9E6	51.256	50.943
4) MA Heptachlor	4.918	3.947	158.2E6	221.2E6	54.028	53.218
5) MB Aldrin	5.259	4.226	148.7E6	208.2E6	51.119	50.741
6) B beta-BHC	4.527	3.908	75991395	93492930	52.714	52.013
7) B delta-BHC	4.775	4.137	159.6E6	213.3E6	52.128	50.444
8) B Heptachlo...	5.686	4.729	136.7E6	198.1E6	51.885	51.743
9) A Endosulfan I	6.072	5.098	125.2E6	188.1E6	53.052	53.840
10) B gamma-Chl...	5.943	4.979	134.7E6	206.4E6	53.581	53.575
11) B alpha-Chl...	6.021	5.042	133.6E6	202.8E6	53.380	53.276
12) B 4,4'-DDE	6.195	5.232	121.8E6	197.2E6	54.292	53.632
13) MA Dieldrin	6.347	5.363	132.5E6	207.1E6	53.096	53.727
14) MA Endrin	6.575	5.638	107.8E6	173.9E6	50.068m	52.572
15) B Endosulfa...	6.797	5.934	117.3E6	184.1E6	51.609	56.657
16) A 4,4'-DDD	6.712	5.787	96633713	160.8E6	55.032	56.830
17) MA 4,4'-DDT	7.026	6.037	103.7E6	167.4E6	56.085	55.410
18) B Endrin al...	6.927	6.112	93811635	144.5E6	52.866	53.665
19) B Endosulfa...	7.162	6.336	110.1E6	174.2E6	54.526	55.231
20) A Methoxychlor	7.503	6.612	54817710	84435662	54.835	52.456
21) B Endrin ke...	7.647	6.841	124.7E6	207.8E6	55.560	57.079
22) Mirex	8.120	7.021	93717943	152.1E6	50.151	49.753

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011425\
Data File : PL093650.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jan 2025 12:05
Operator : AR\AJ
Sample : PB166044BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166044BS

Manual Integrations

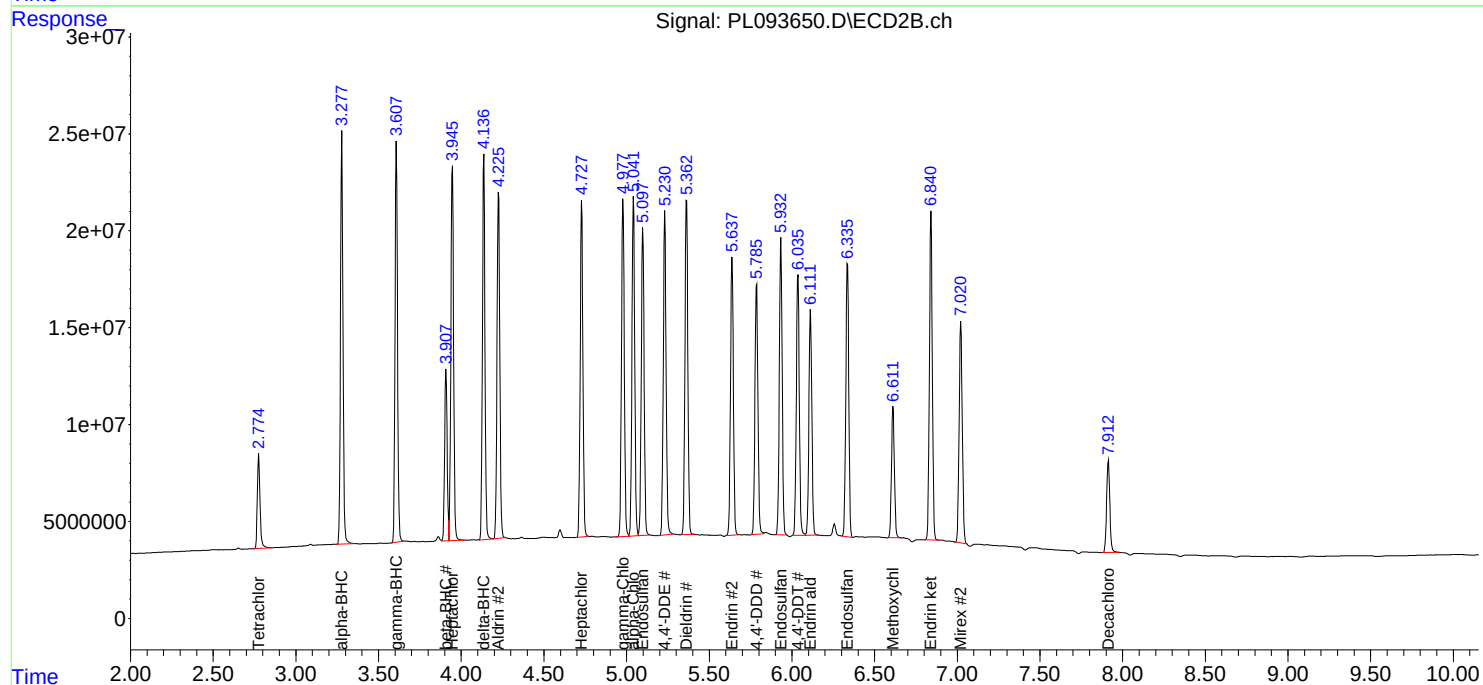
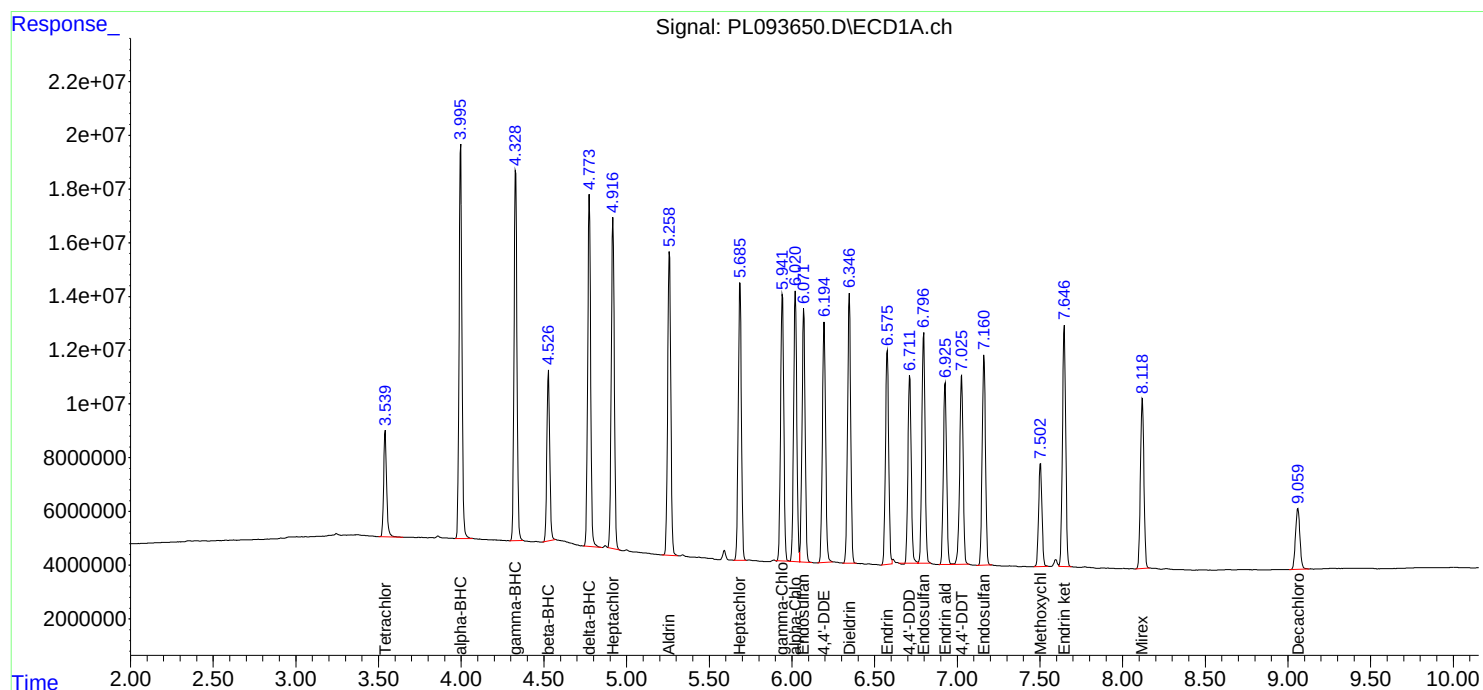
APPROVED

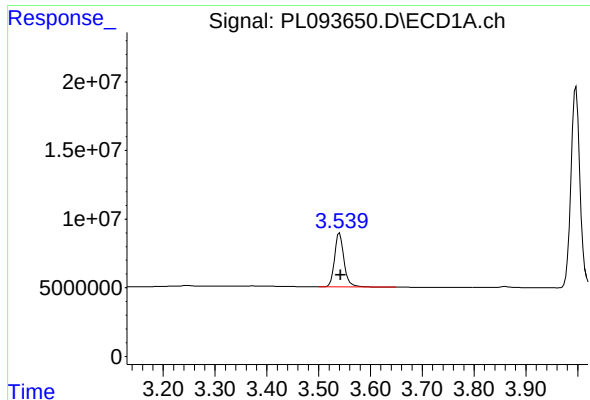
Reviewed By :Abdul Mirza 01/15/2025

Supervised By :Ankita Jodhani 01/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 15 02:08:24 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.: 3.540 min
Delta R.T.: -0.002 min
Response: 49768490
Conc: 20.10 ng/ml

Instrument :

ECD_L

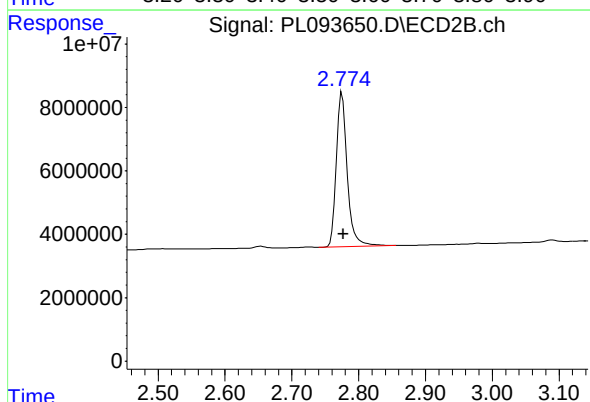
ClientSampleId :

PB166044BS

Manual Integrations

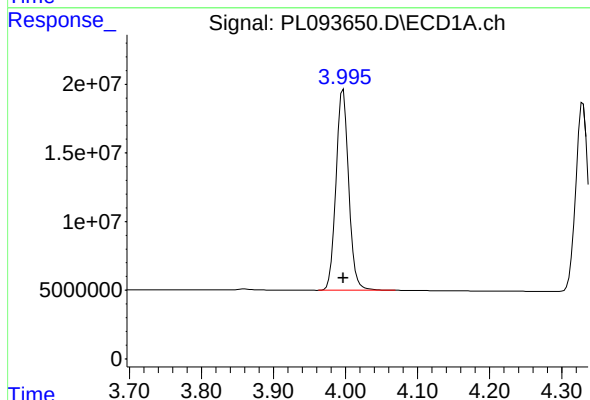
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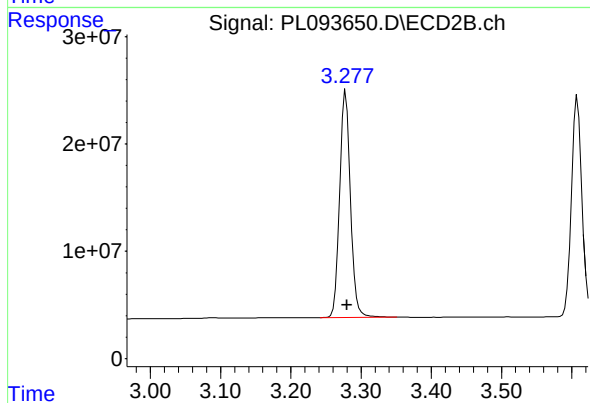
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 55187695
Conc: 18.96 ng/ml



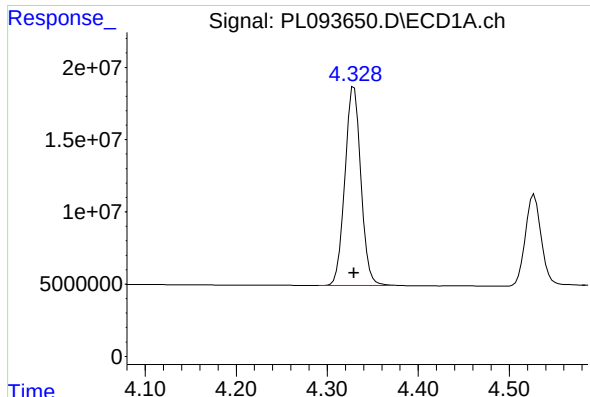
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 177540834
Conc: 51.43 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.002 min
Response: 225476109
Conc: 51.87 ng/ml



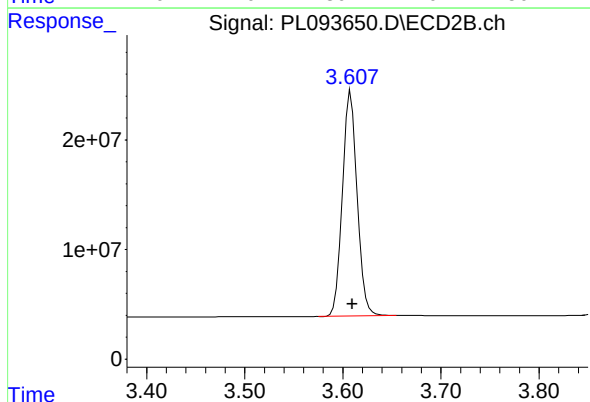
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 168092037
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166044BS

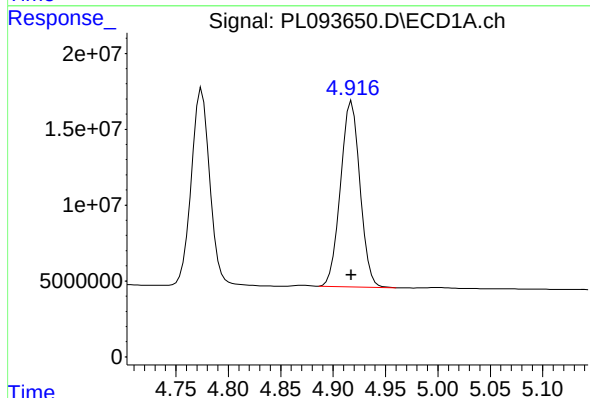
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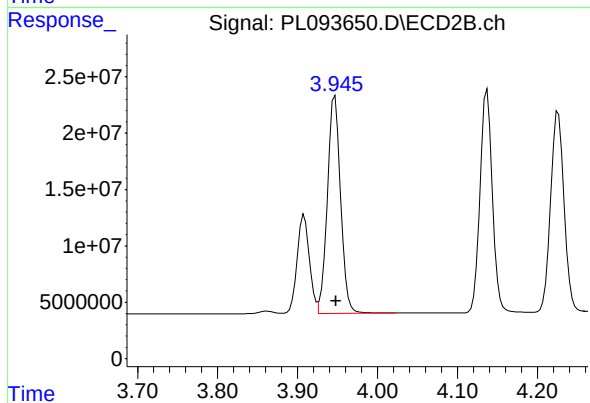
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.002 min
Response: 214949113
Conc: 50.94 ng/ml



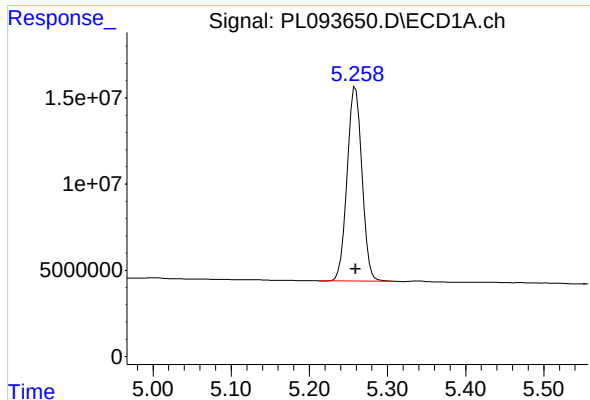
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 158209438
Conc: 54.03 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: -0.002 min
Response: 221169303
Conc: 53.22 ng/ml



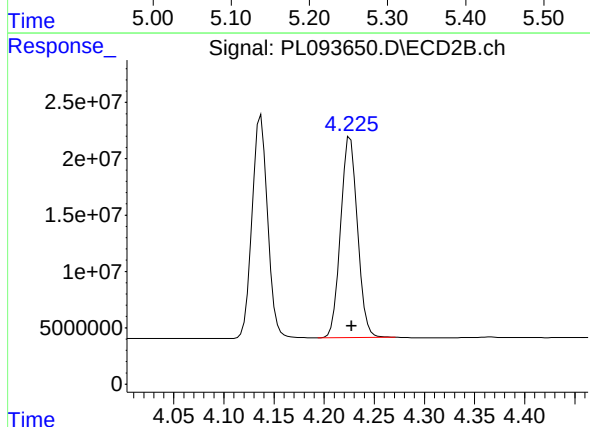
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 148699181
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166044BS

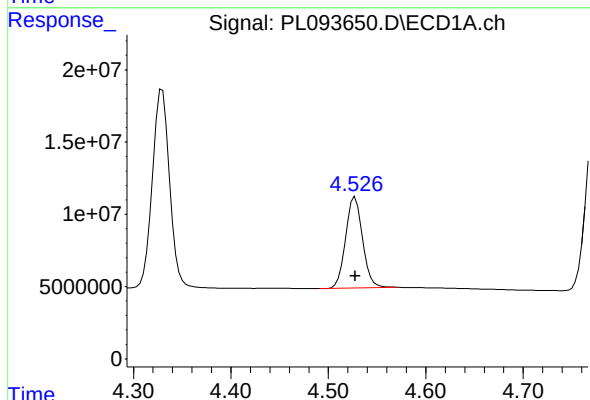
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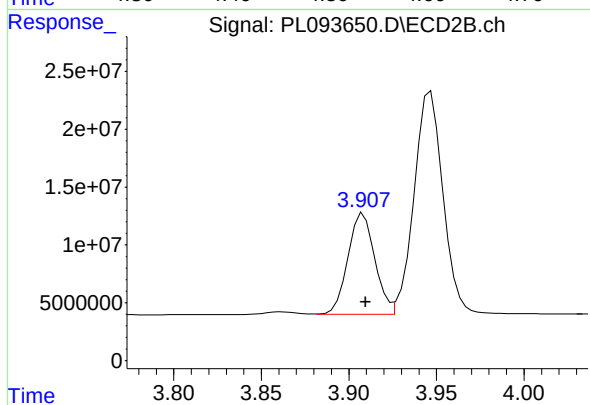
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.002 min
Response: 208155880
Conc: 50.74 ng/ml



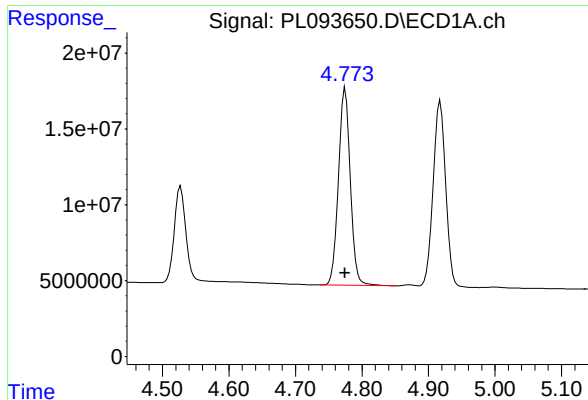
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 75991395
Conc: 52.71 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.001 min
Response: 93492930
Conc: 52.01 ng/ml



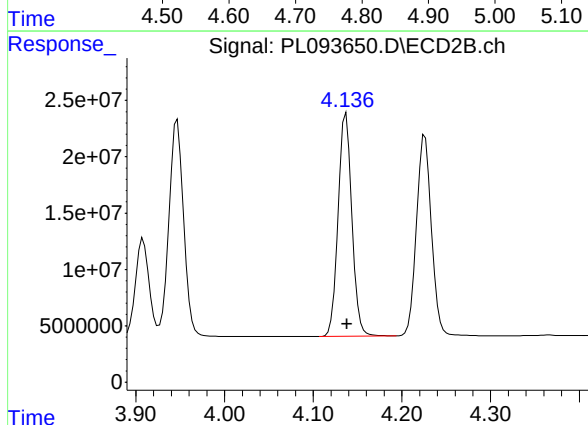
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 159646272
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166044BS

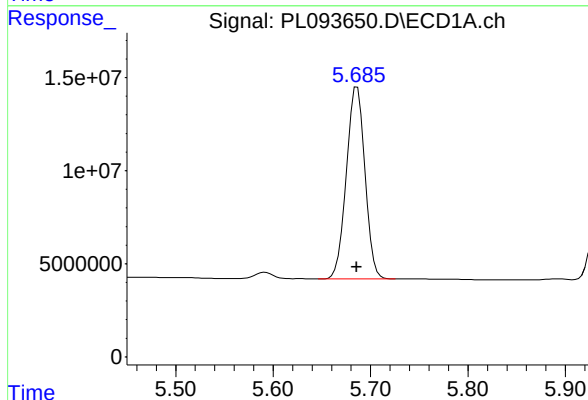
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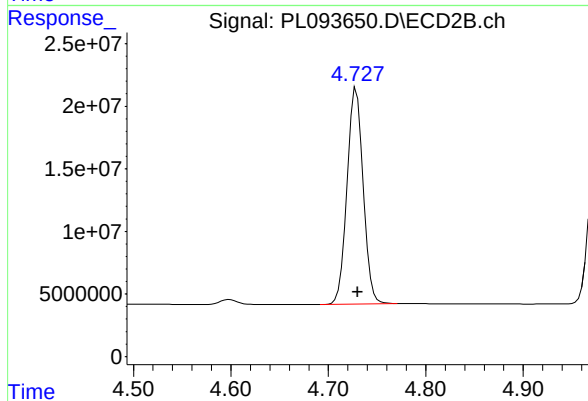
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: -0.001 min
Response: 213323009
Conc: 50.44 ng/ml



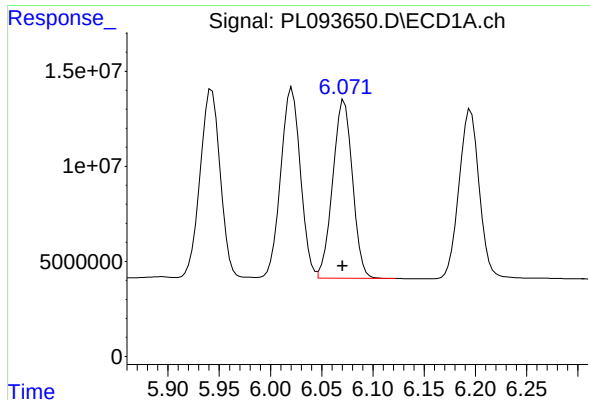
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 136683080
Conc: 51.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: -0.002 min
Response: 198110299
Conc: 51.74 ng/ml



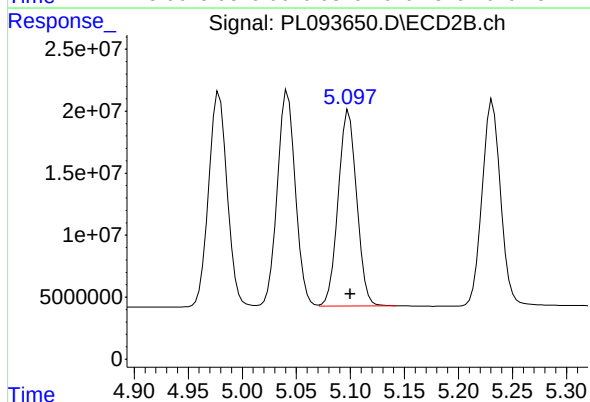
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 125164481
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166044BS

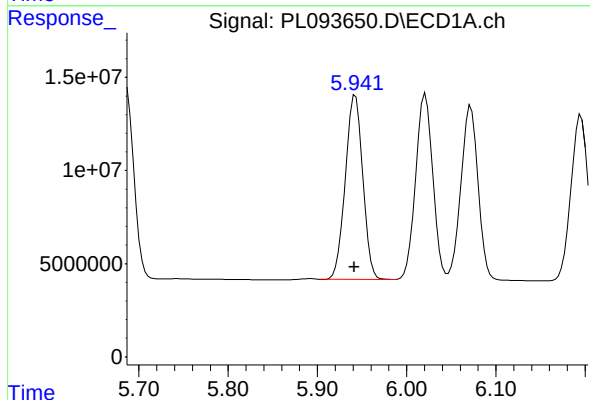
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Supervised By :Ankita Jodhani 01/15/2025



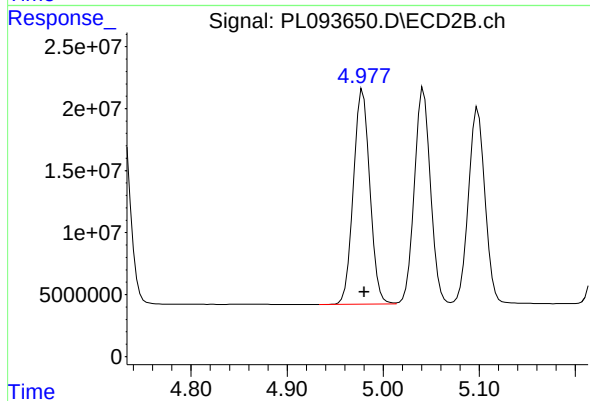
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 188113220
Conc: 53.84 ng/ml



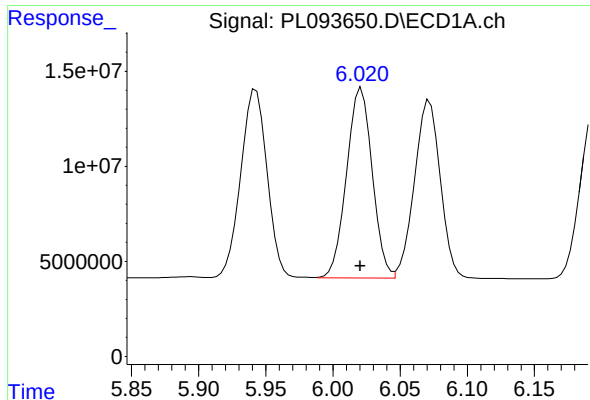
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.001 min
Response: 134654558
Conc: 53.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 206426343
Conc: 53.58 ng/ml



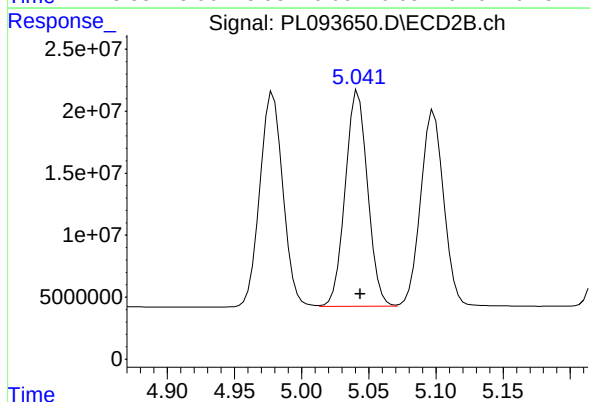
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 133604639
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166044BS

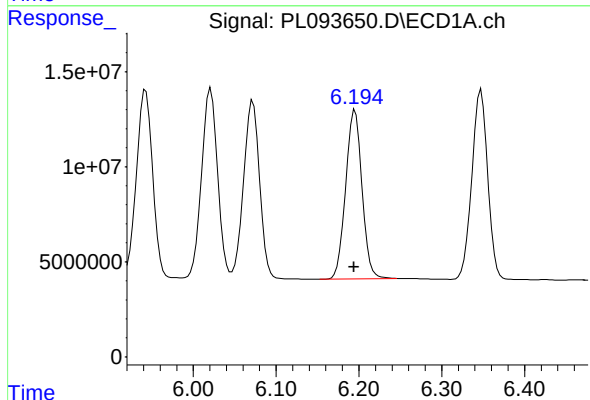
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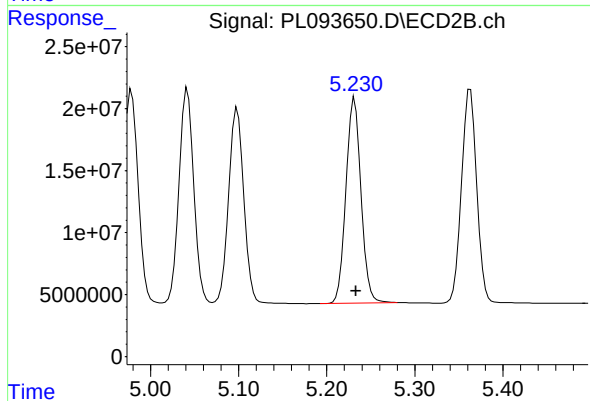
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 202842426
Conc: 53.28 ng/ml



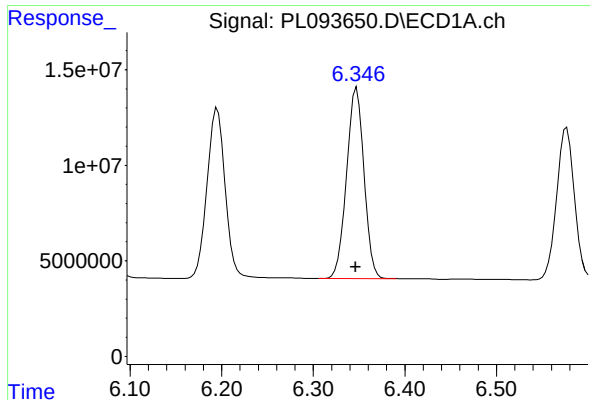
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.001 min
Response: 121822869
Conc: 54.29 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.001 min
Response: 197217122
Conc: 53.63 ng/ml



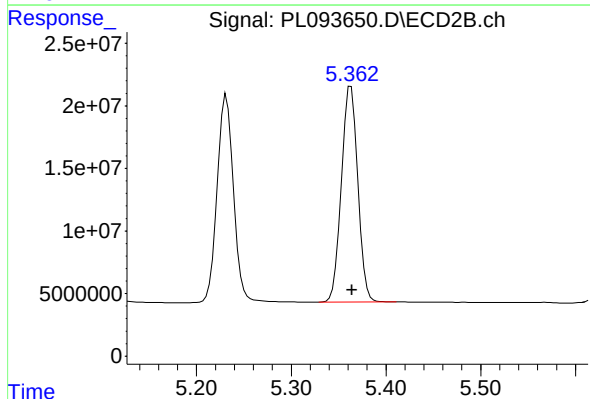
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.001 min
Response: 132478223
Conc: 53.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166044BS

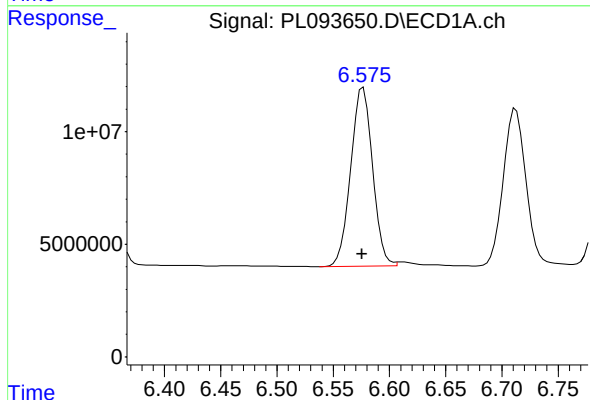
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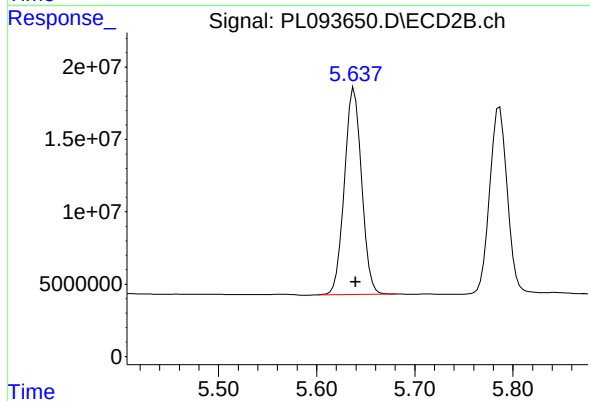
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.001 min
Response: 207059273
Conc: 53.73 ng/ml



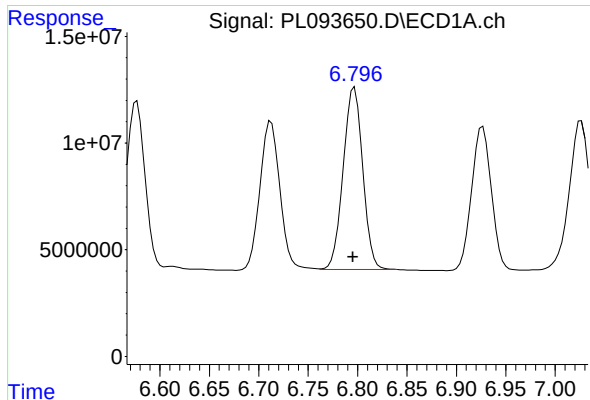
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 107769252
Conc: 50.07 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.001 min
Response: 173926553
Conc: 52.57 ng/ml



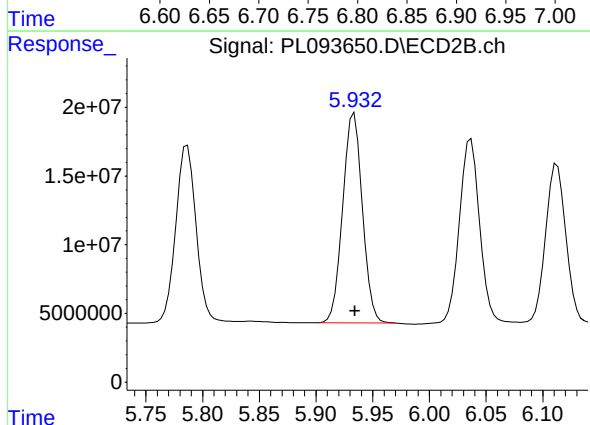
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 117320063
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166044BS

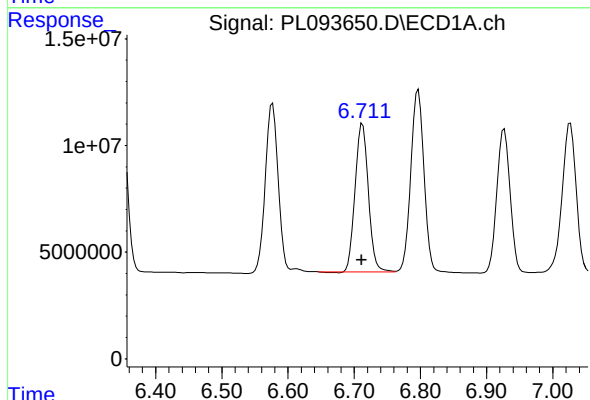
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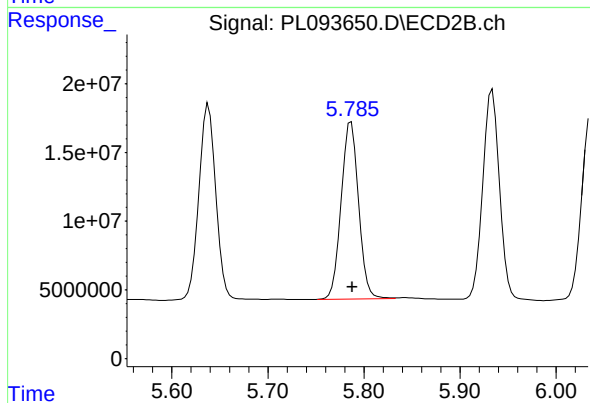
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 184074927
Conc: 56.66 ng/ml



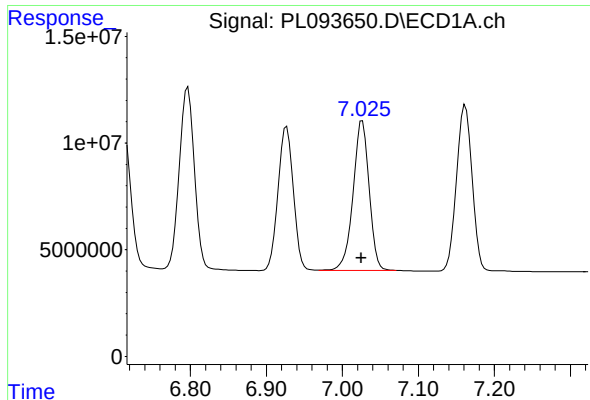
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.001 min
Response: 96633713
Conc: 55.03 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.001 min
Response: 160836169
Conc: 56.83 ng/ml



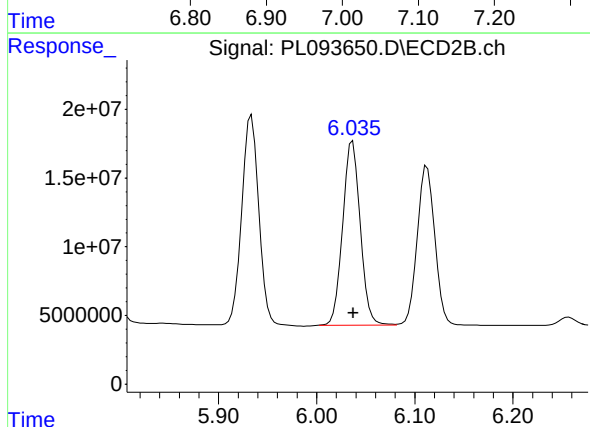
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.001 min
Response: 103674547
Conc: 56.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166044BS

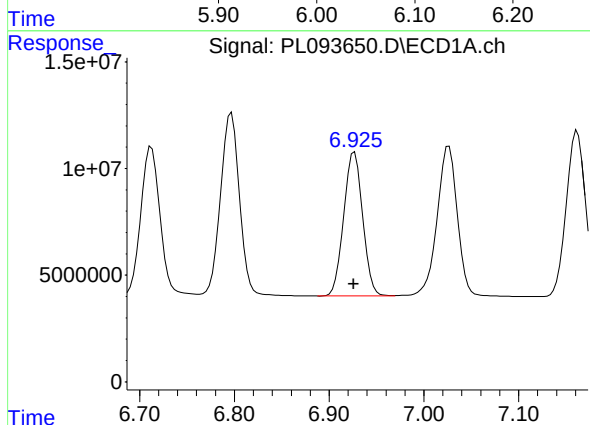
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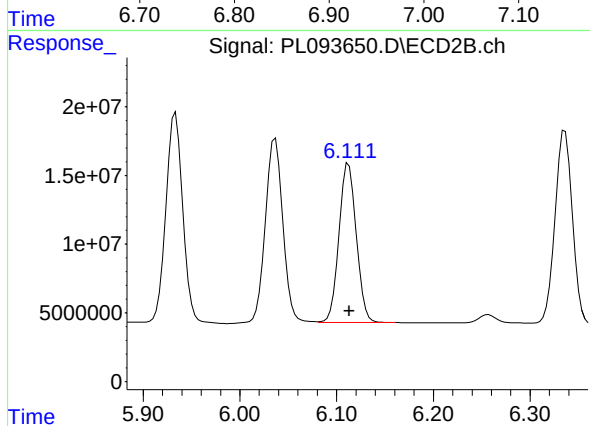
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 167353950
Conc: 55.41 ng/ml



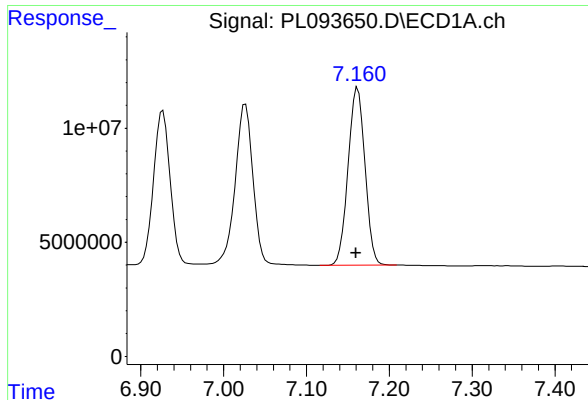
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 93811635
Conc: 52.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 144525241
Conc: 53.67 ng/ml



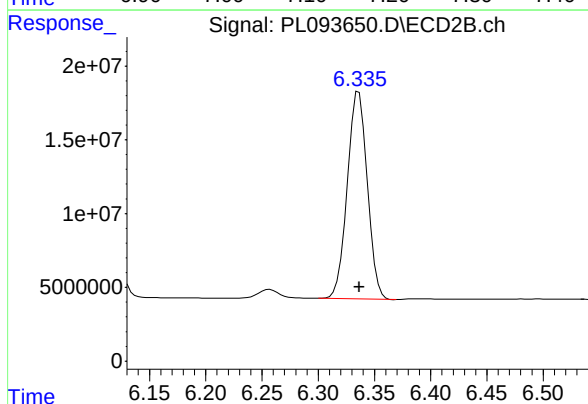
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.002 min
Response: 110090403
Conc: 54.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166044BS

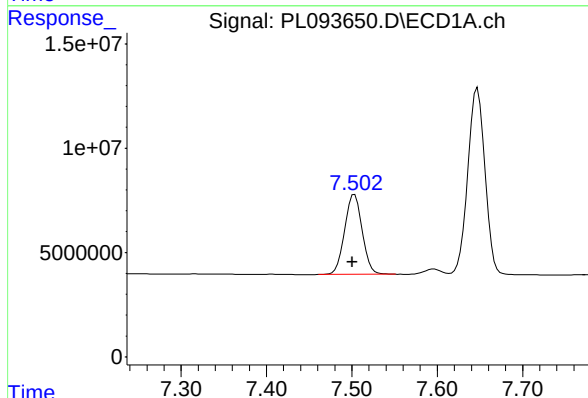
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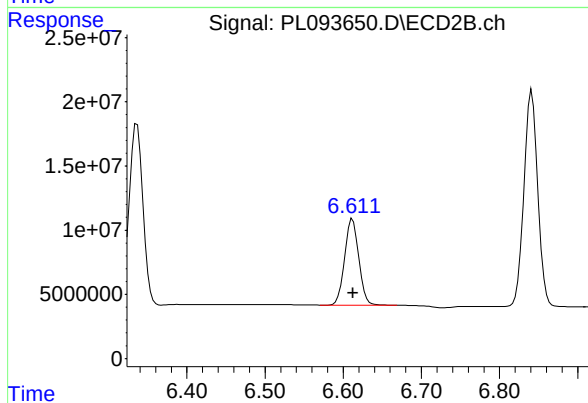
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 174222675
Conc: 55.23 ng/ml



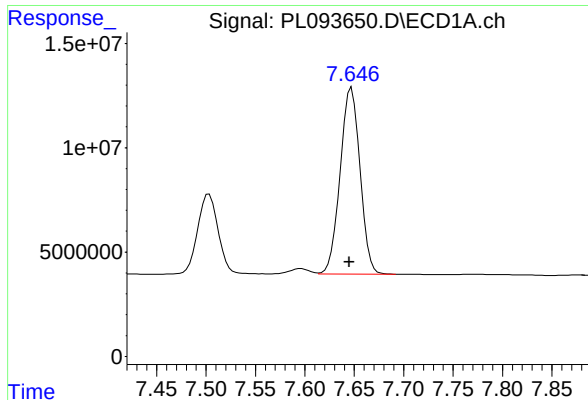
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 54817710
Conc: 54.84 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 84435662
Conc: 52.46 ng/ml



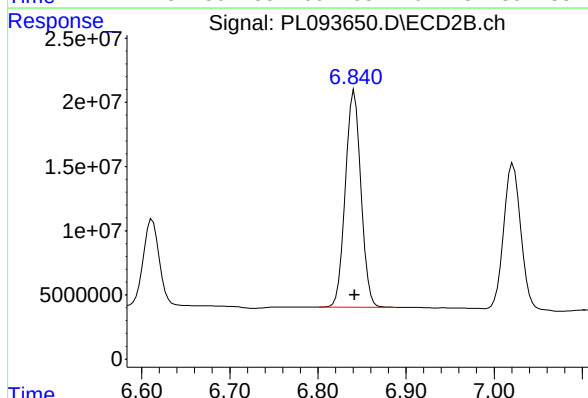
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.002 min
Response: 124668886
Conc: 55.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166044BS

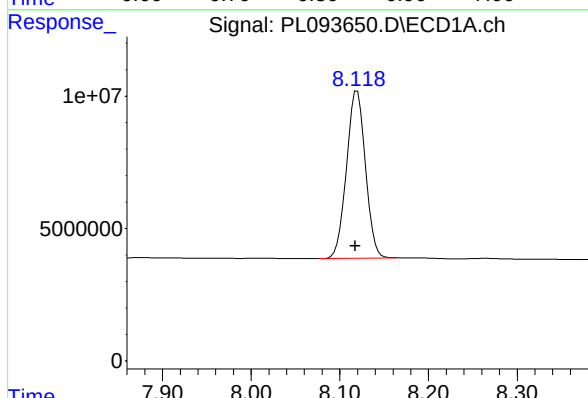
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Reviewed By :Abdul Mirza 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025



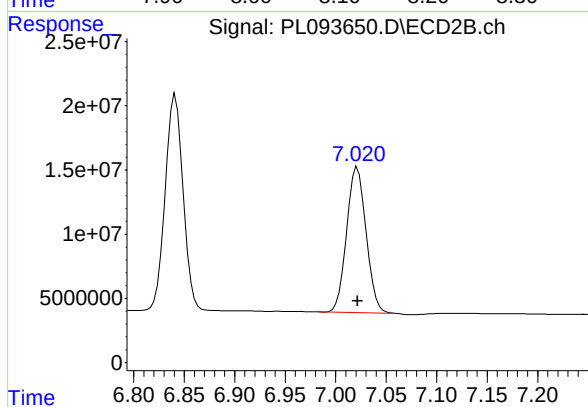
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 207790343
Conc: 57.08 ng/ml



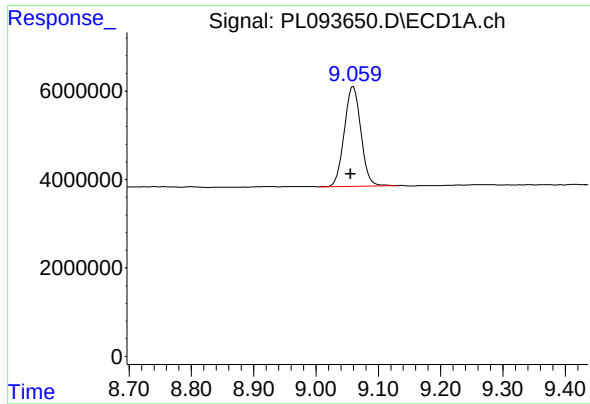
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.002 min
Response: 93717943
Conc: 50.15 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 152072026
Conc: 49.75 ng/ml



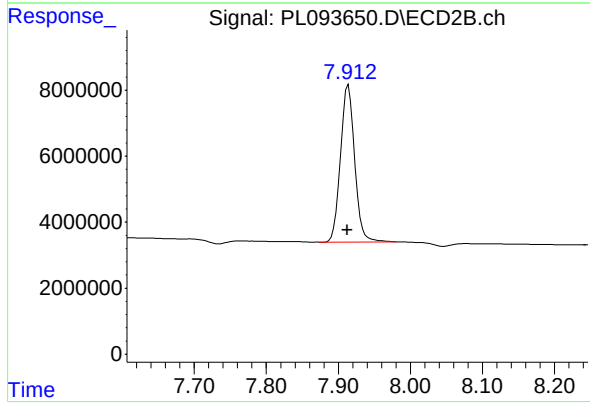
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.004 min
Response: 41796518
Conc: 22.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166044BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 64675667
Conc: 21.66 ng/ml