

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101024\
 Data File : PL092293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2024 17:07
 Operator : AR\AJ
 Sample : PB163996BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163996BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/10/2024
 Supervised By :Ankita Jodhani 10/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 02:42:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.540	2.777	43561925	45959568	19.581	18.325
28) SA Decachlor...	9.059	7.919	34856079	50574640	21.277	20.214
Target Compounds						
2) A alpha-BHC	3.996	3.281	140.8E6	165.0E6	45.459	45.280
3) MA gamma-BHC...	4.329	3.610	134.7E6	155.8E6	43.456	44.111m
4) MA Heptachlor	4.917	3.950	130.2E6	160.1E6	47.068	46.396
5) MB Aldrin	5.259	4.230	121.6E6	150.9E6	43.768	44.377
6) B beta-BHC	4.526	3.911	60840151	68704052	45.869	45.708
7) B delta-BHC	4.773	4.139	129.0E6	155.0E6	44.725	44.642
8) B Heptachlo...	5.686	4.731	116.3E6	138.8E6	45.680	45.909m
9) A Endosulfan I	6.072	5.102	107.9E6	129.2E6	46.655	47.061m
10) B gamma-Chl...	5.941	4.983	115.6E6	143.2E6	46.795m	47.587
11) B alpha-Chl...	6.021	5.047	116.8E6	141.5E6	47.424	47.274
12) B 4,4'-DDE	6.195	5.234	101.7E6	132.8E6	47.005	47.774m
13) MA Dieldrin	6.347	5.367	112.9E6	137.5E6	46.298	46.915
14) MA Endrin	6.575	5.643	94961920	122.5E6	46.082m	46.735
15) B Endosulfa...	6.796	5.937	101.0E6	121.3E6	45.909	48.484
16) A 4,4'-DDD	6.710	5.791	86737992	105.9E6	48.303m	49.555
17) MA 4,4'-DDT	7.026	6.042	90087774	110.0E6	48.929	47.542
18) B Endrin al...	6.927	6.117	79337619	93636211	45.524	45.884
19) B Endosulfa...	7.161	6.340	93432350	116.1E6	47.134	48.120
20) A Methoxychlor	7.502	6.617	48288370	59232706	49.188	47.373
21) B Endrin ke...	7.646	6.846	102.2E6	133.1E6	46.488	48.065
22) Mirex	8.119	7.027	81910616	110.4E6	45.481	45.372

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101024\
Data File : PL092293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2024 17:07
Operator : AR\AJ
Sample : PB163996BS
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ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

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Manual Integrations

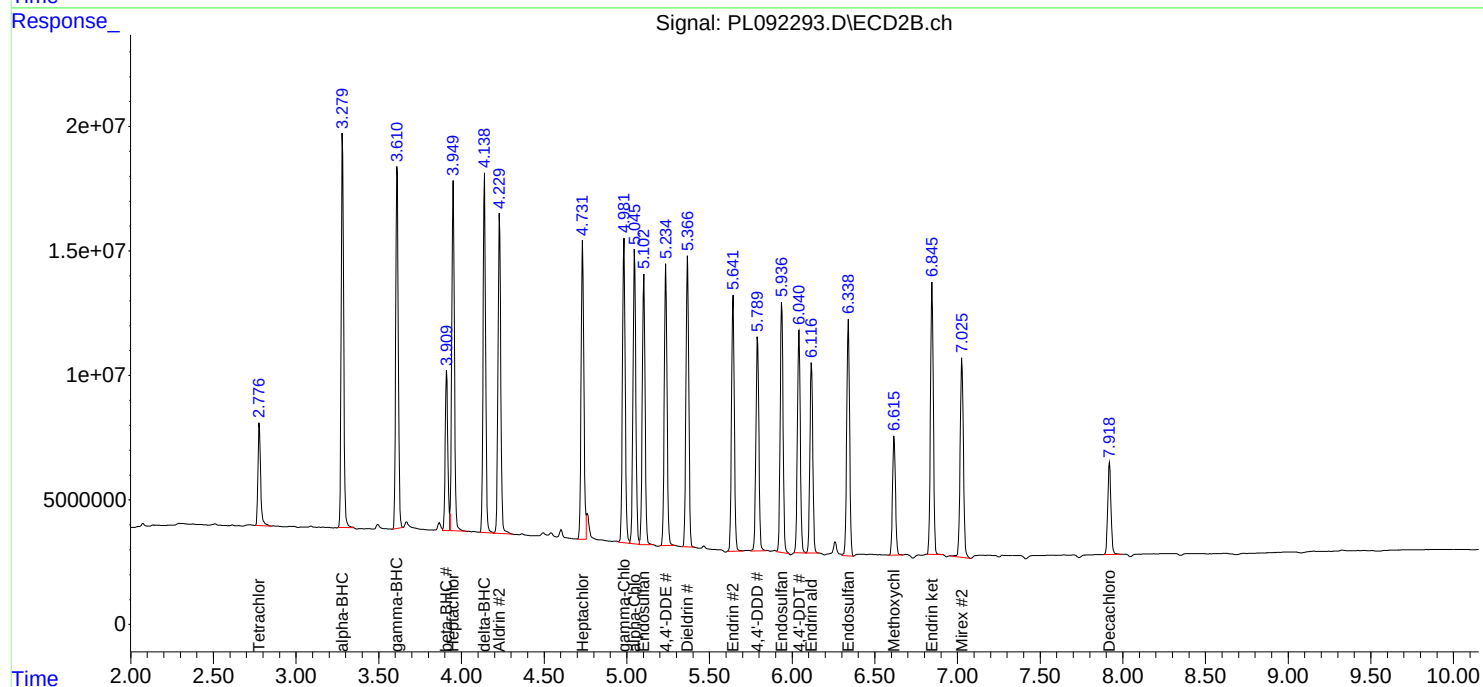
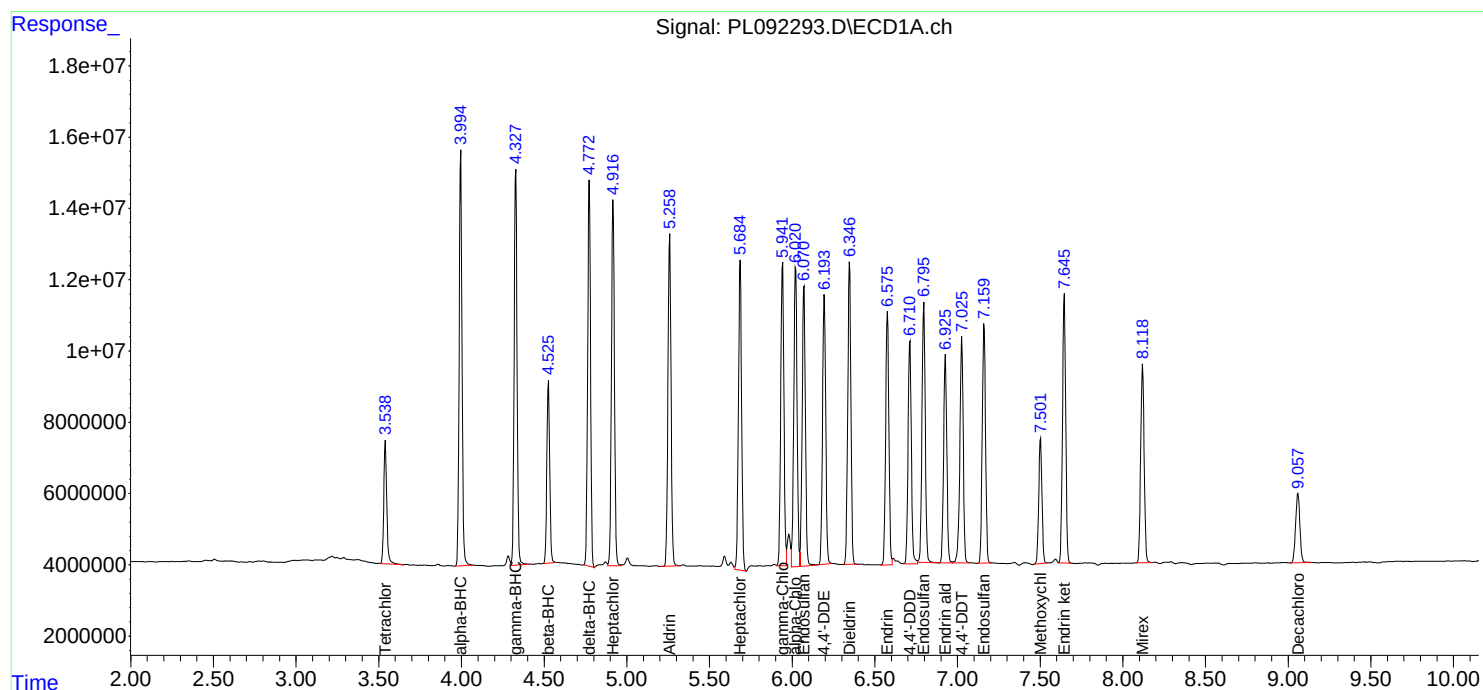
APPROVED

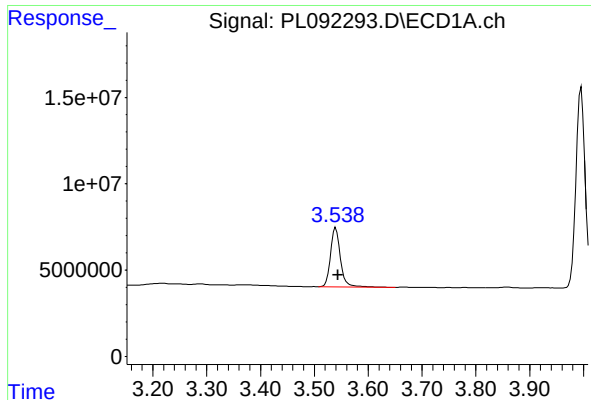
Reviewed By :Abdul Mirza 10/10/2024

Supervised By :Ankita Jodhani 10/10/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 02:42:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





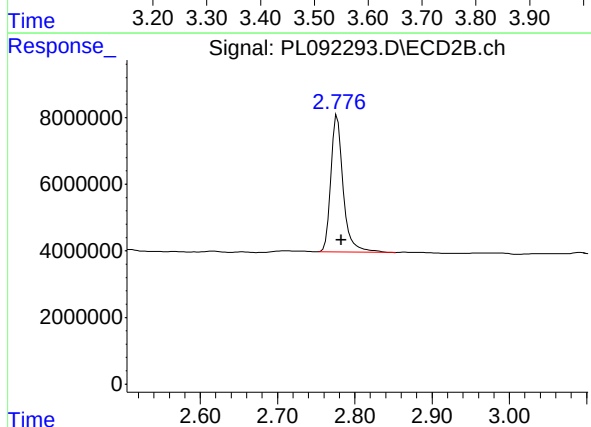
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 43561925
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163996BS

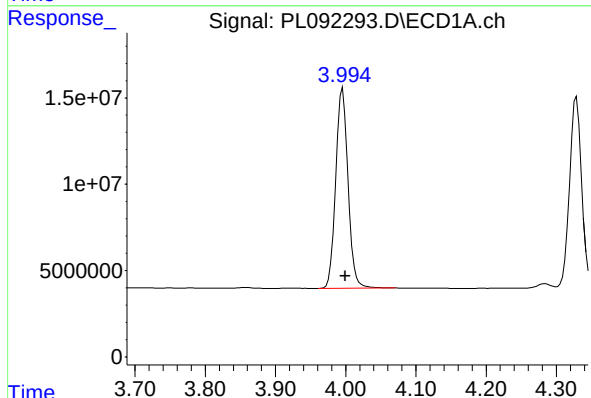
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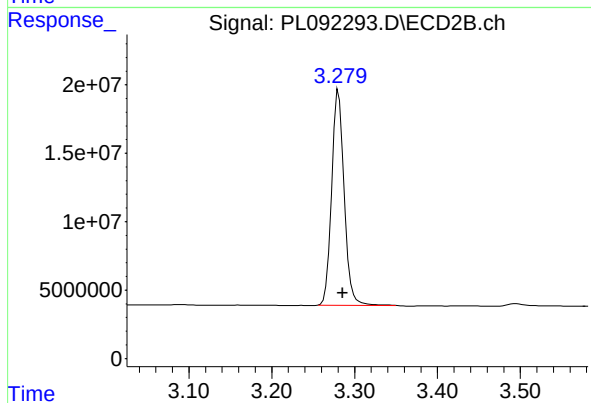
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.005 min
Response: 45959568
Conc: 18.32 ng/ml



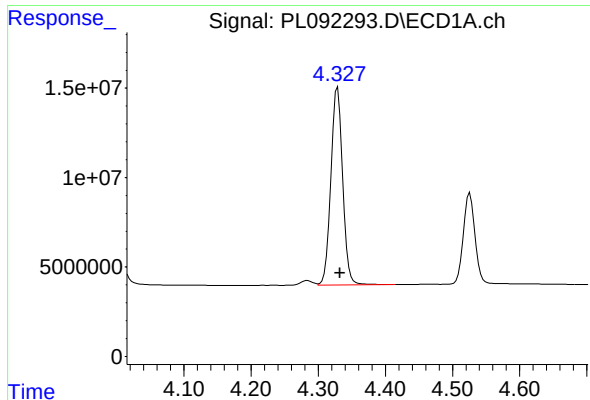
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 140763344
Conc: 45.46 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.005 min
Response: 164968043
Conc: 45.28 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.004 min
Response: 134663052
Conc: 43.46 ng/ml

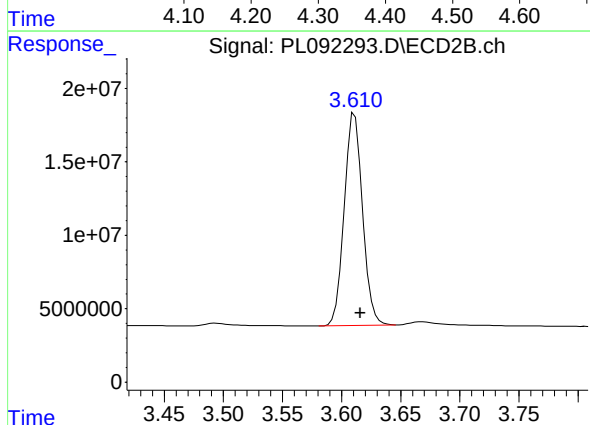
Instrument :

ECD_L

ClientSampleId :
PB163996BS

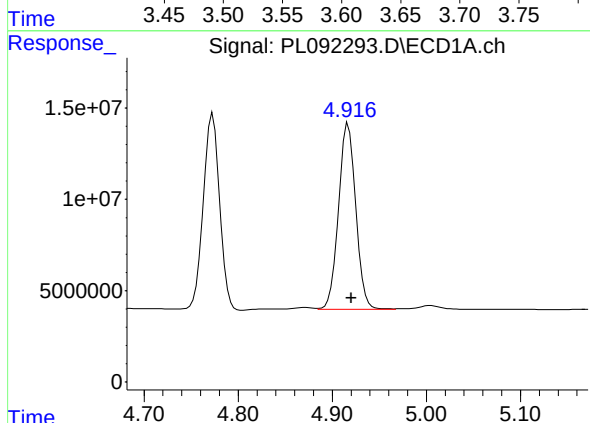
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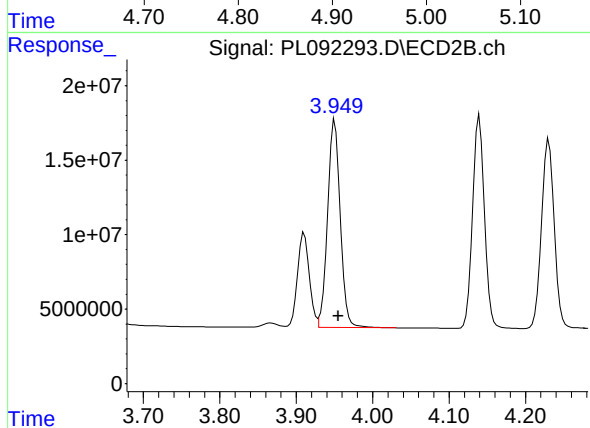
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: -0.006 min
Response: 155753093
Conc: 44.11 ng/ml



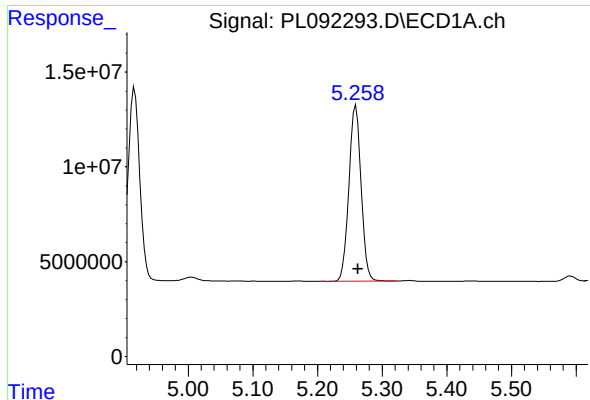
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.003 min
Response: 130165575
Conc: 47.07 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: -0.005 min
Response: 160093858
Conc: 46.40 ng/ml



#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.003 min
Response: 121569190
Conc: 43.77 ng/ml

Instrument :

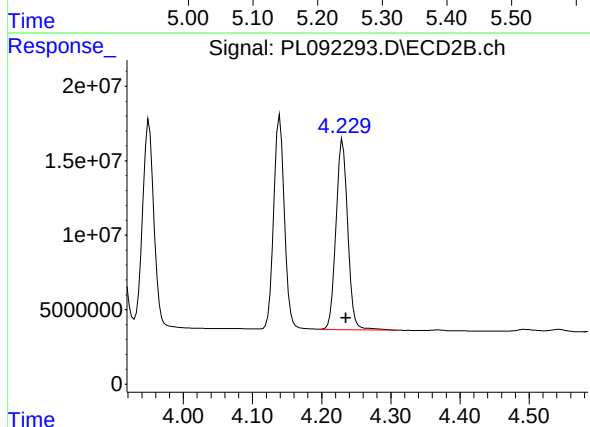
ECD_L

ClientSampleId :

PB163996BS

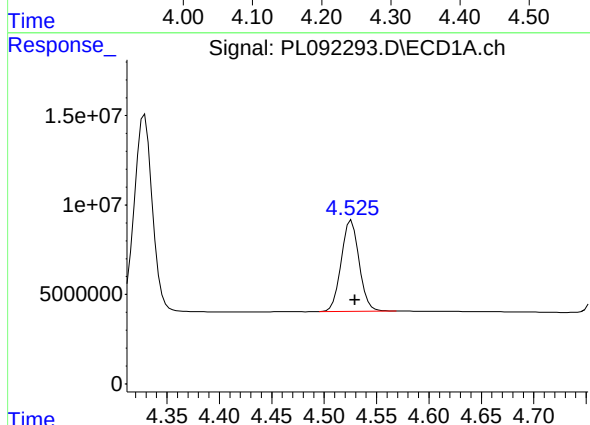
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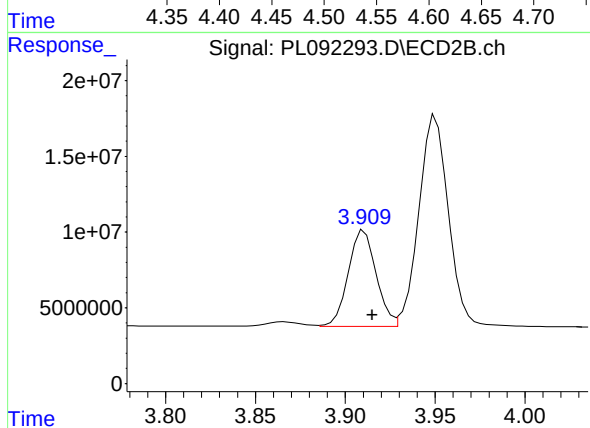
#5 Aldrin

R.T.: 4.230 min
Delta R.T.: -0.005 min
Response: 150931292
Conc: 44.38 ng/ml



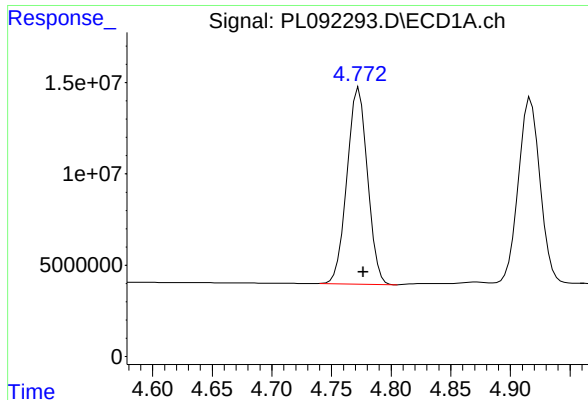
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 60840151
Conc: 45.87 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: -0.004 min
Response: 68704052
Conc: 45.71 ng/ml



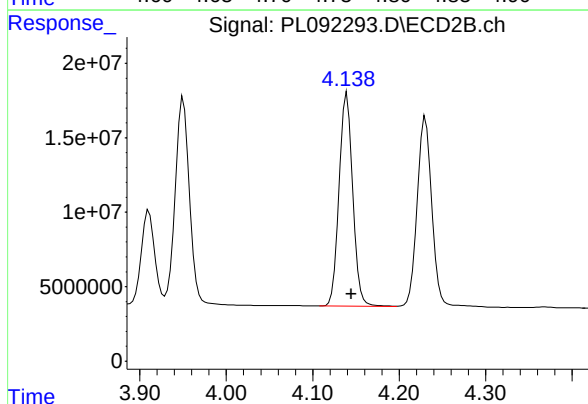
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.004 min
Response: 128995208
Conc: 44.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163996BS

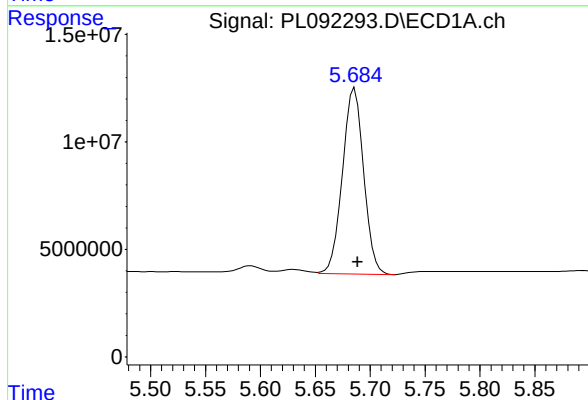
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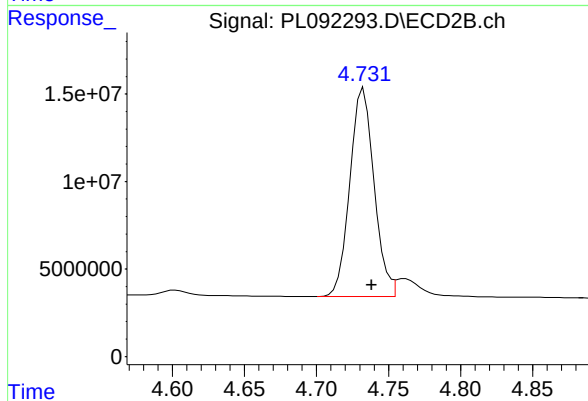
#7 delta-BHC

R.T.: 4.139 min
Delta R.T.: -0.005 min
Response: 154982123
Conc: 44.64 ng/ml



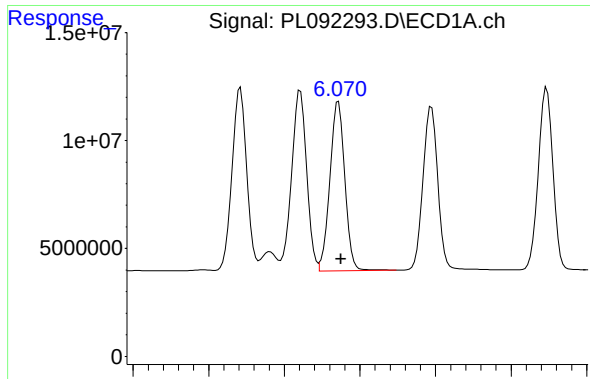
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 116255349
Conc: 45.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: -0.007 min
Response: 138777443
Conc: 45.91 ng/ml m



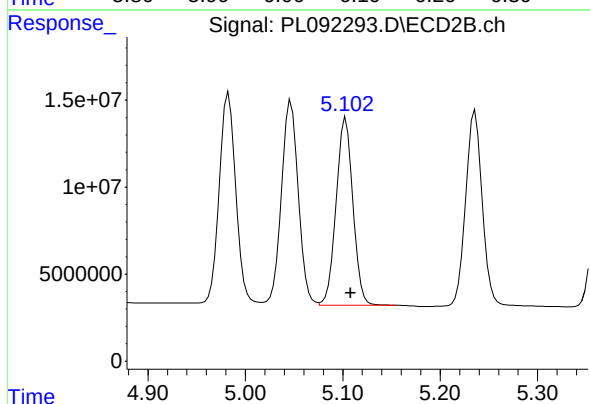
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 107930759
Conc: 46.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163996BS

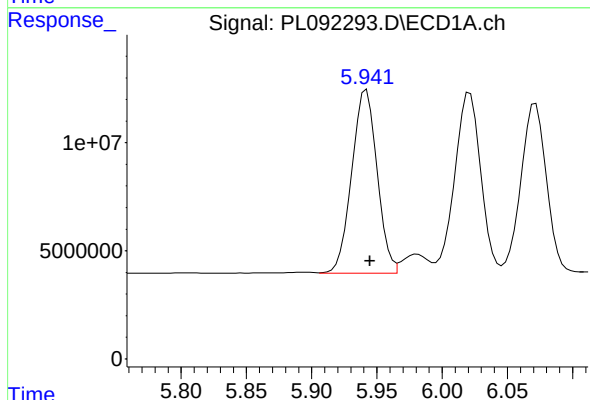
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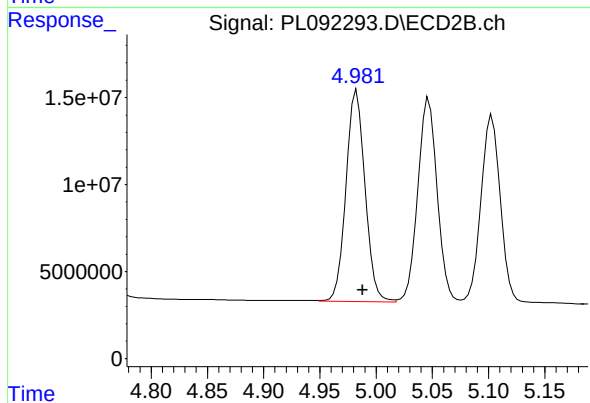
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: -0.006 min
Response: 129164851
Conc: 47.06 ng/ml



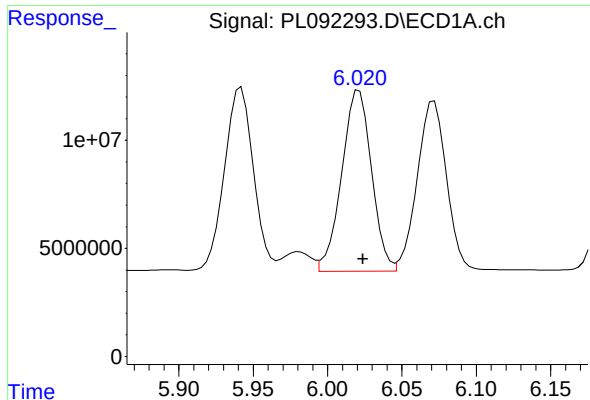
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 115640480
Conc: 46.80 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 143169338
Conc: 47.59 ng/ml



#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 116821477
Conc: 47.42 ng/ml

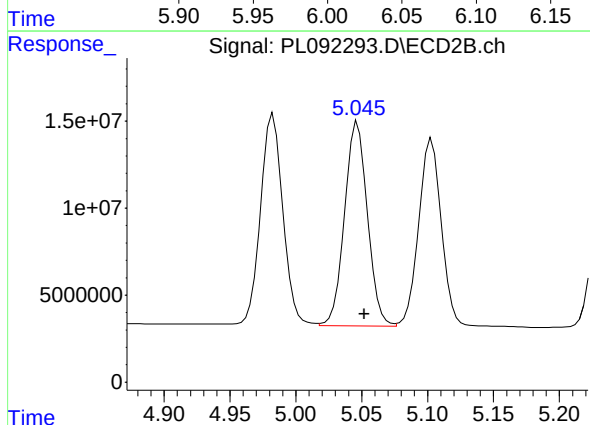
Instrument :

ECD_L

ClientSampleId :
PB163996BS

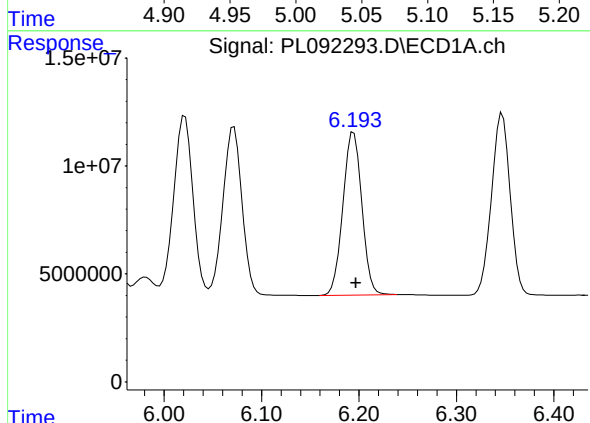
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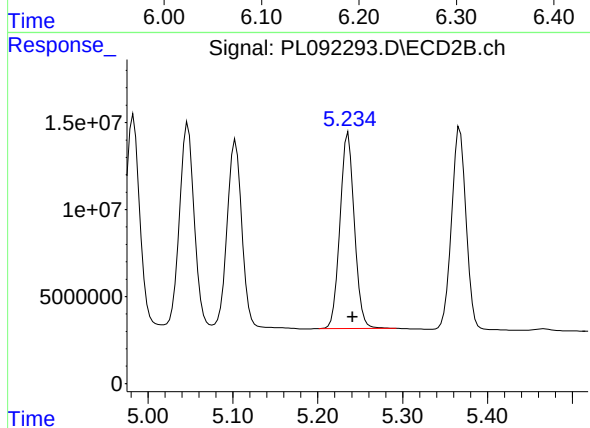
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.005 min
Response: 141516068
Conc: 47.27 ng/ml



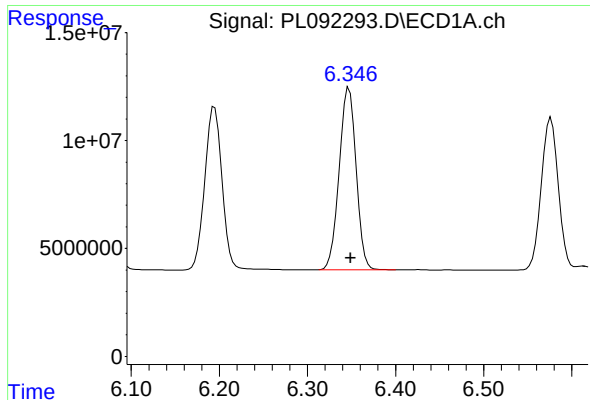
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 101738280
Conc: 47.00 ng/ml



#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: -0.006 min
Response: 132756651
Conc: 47.77 ng/ml m



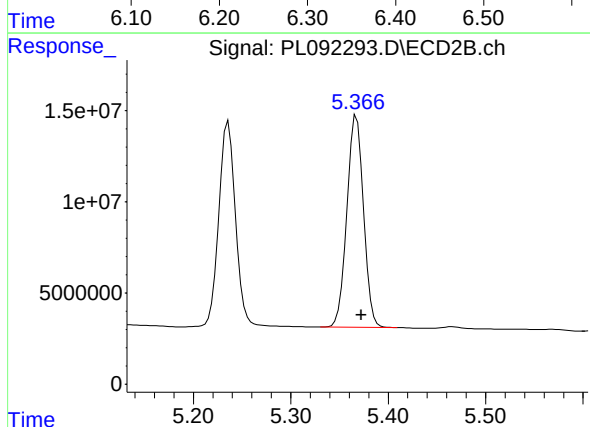
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 112913746
Conc: 46.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
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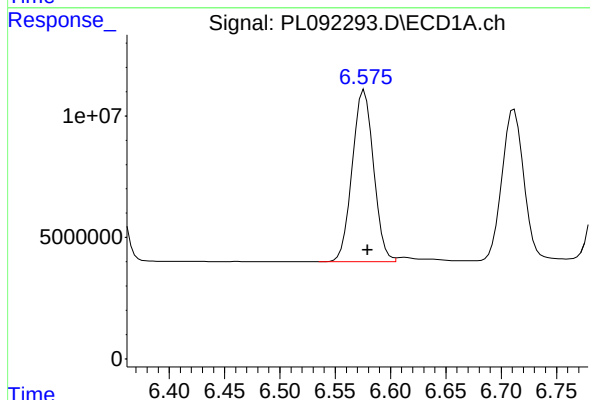
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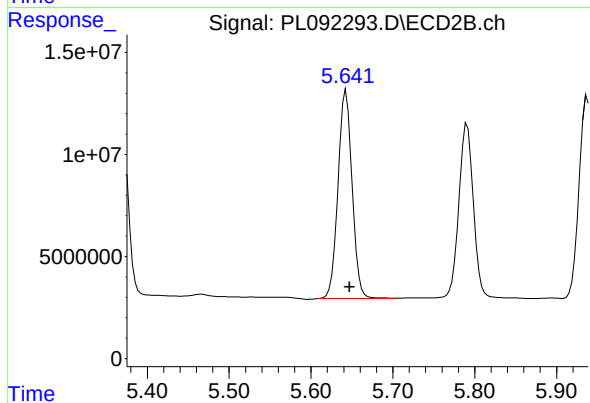
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: -0.005 min
Response: 137548311
Conc: 46.92 ng/ml



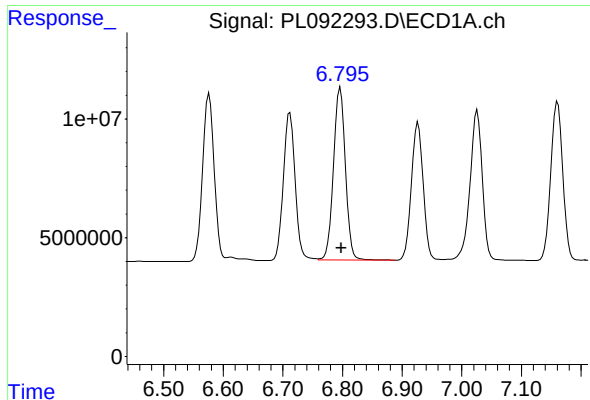
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 94961920
Conc: 46.08 ng/ml m



#14 Endrin

R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 122547410
Conc: 46.73 ng/ml



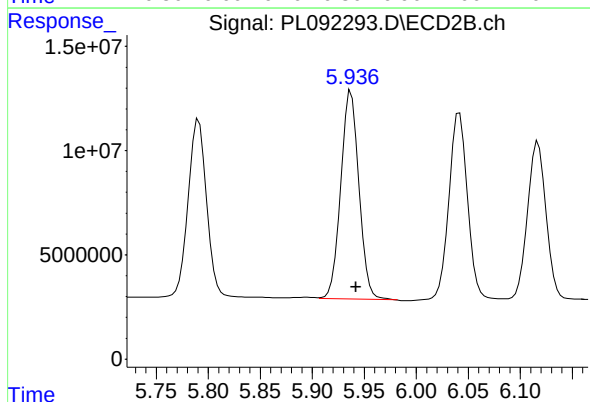
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 100987807
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163996BS

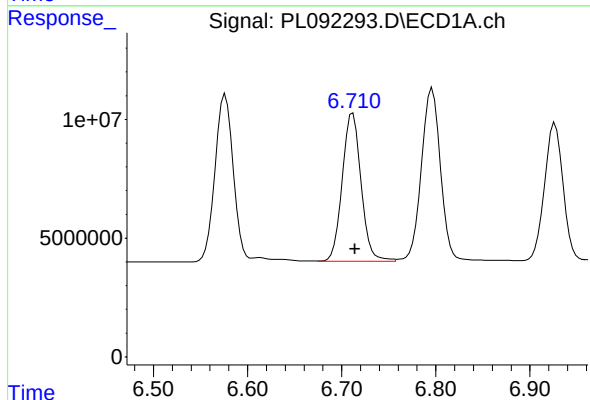
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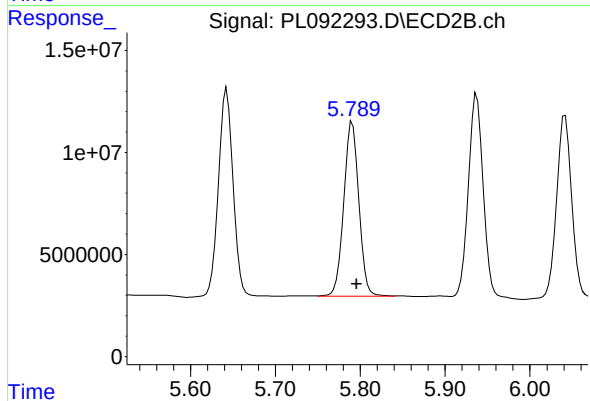
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: -0.005 min
Response: 121327643
Conc: 48.48 ng/ml



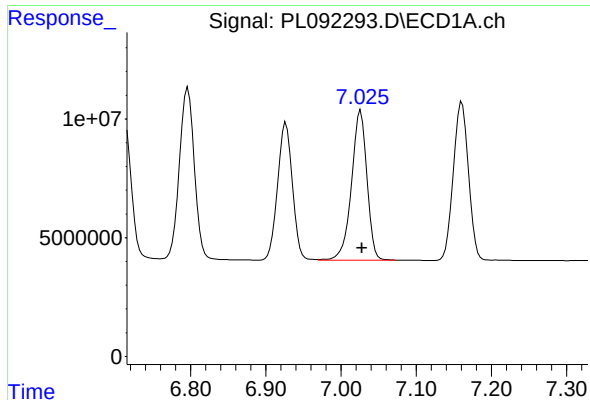
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 86737992
Conc: 48.30 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 105861441
Conc: 49.56 ng/ml



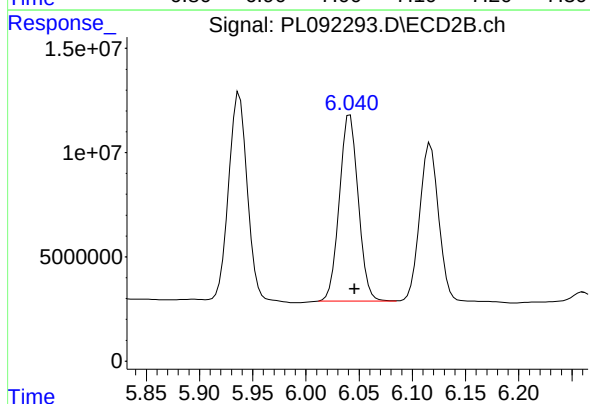
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 90087774
Conc: 48.93 ng/ml

Instrument :
ECD_L
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PB163996BS

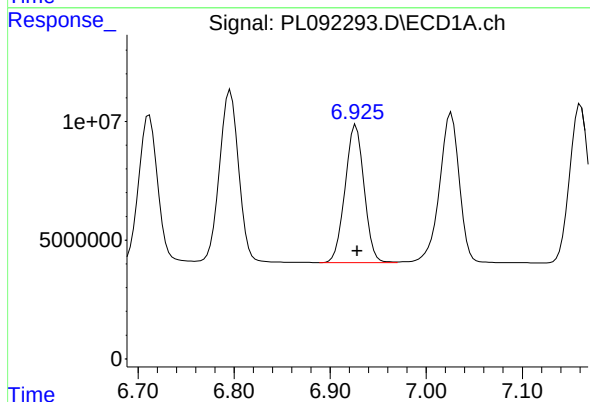
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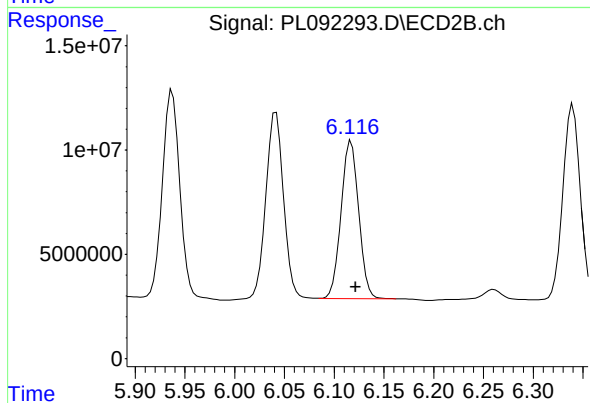
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 109972600
Conc: 47.54 ng/ml



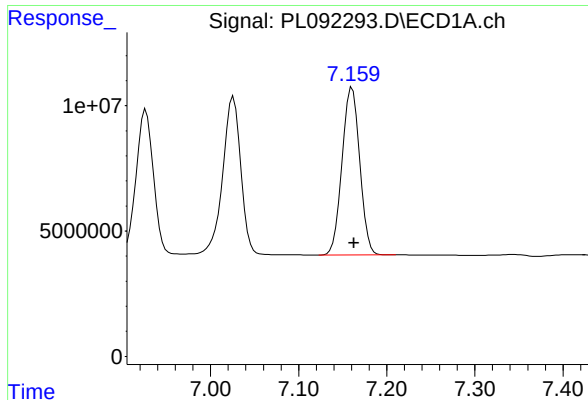
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 79337619
Conc: 45.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 93636211
Conc: 45.88 ng/ml



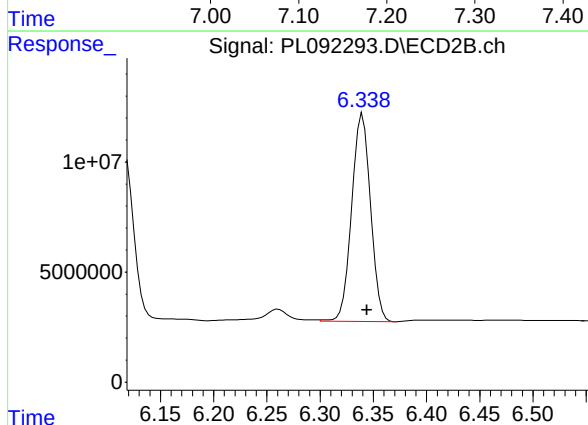
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 93432350
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163996BS

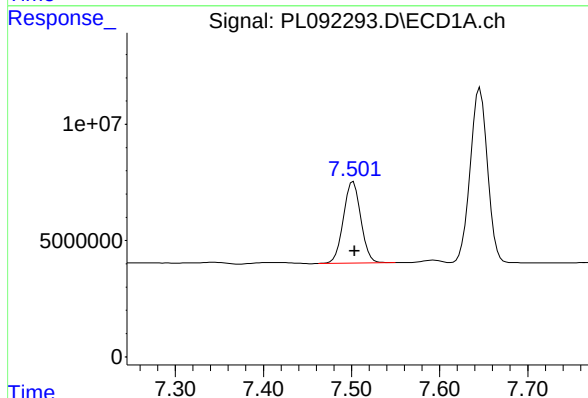
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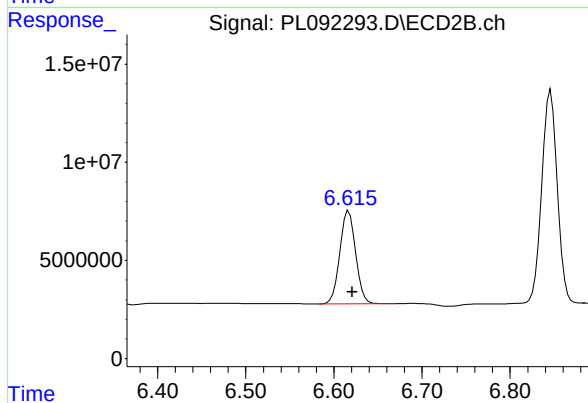
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 116090738
Conc: 48.12 ng/ml



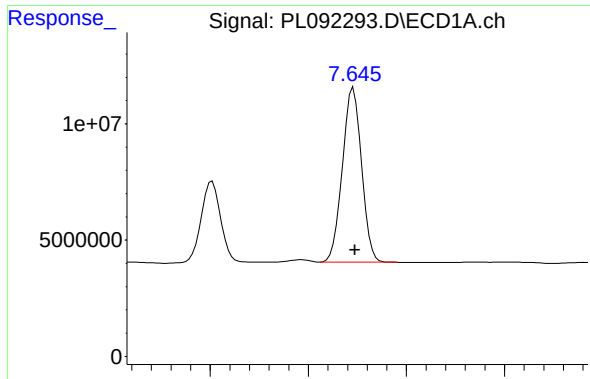
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 48288370
Conc: 49.19 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 59232706
Conc: 47.37 ng/ml



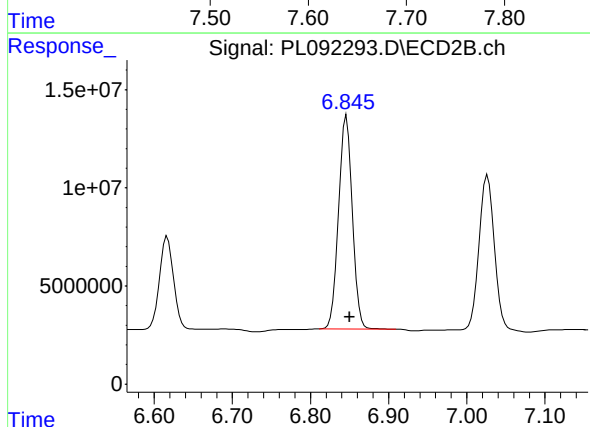
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 102160646
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163996BS

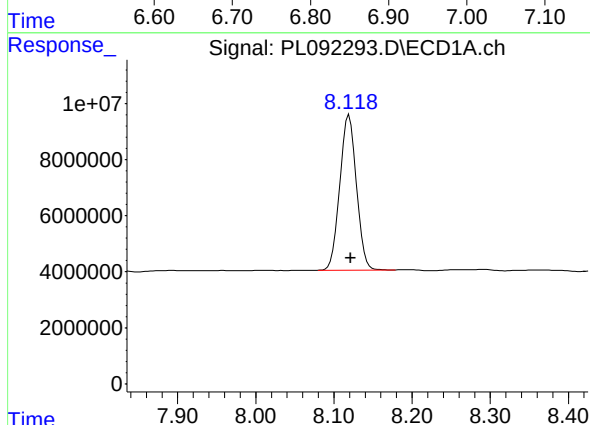
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Reviewed By :Abdul Mirza 10/10/2024
Supervised By :Ankita Jodhani 10/10/2024



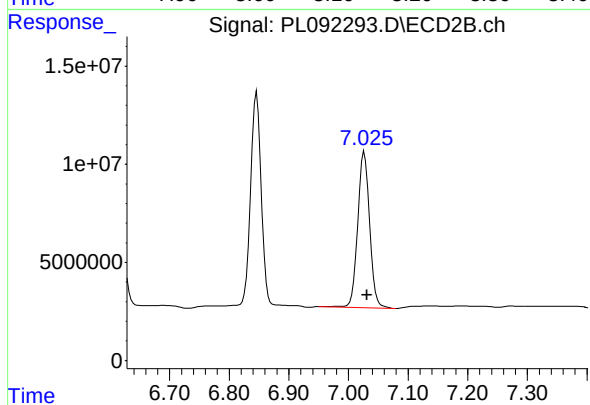
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 133089260
Conc: 48.06 ng/ml



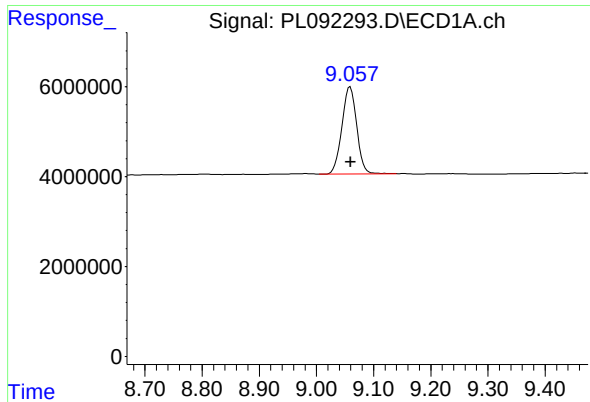
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 81910616
Conc: 45.48 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: -0.005 min
Response: 110373409
Conc: 45.37 ng/ml



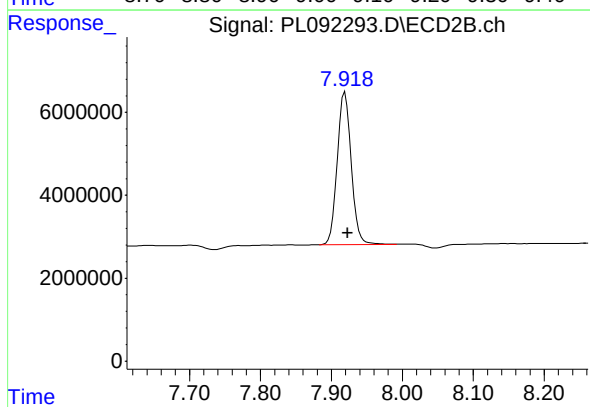
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 34856079
Conc: 21.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163996BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2024
Supervised By :Ankita Jodhani 10/10/2024



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 50574640
Conc: 20.21 ng/ml