

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092624\
 Data File : PL092068.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2024 12:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 14:29:02 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...	3.539	2.780	105.6E6	140.5E6	47.482m	56.005
28)	SA Decachlor...	9.059	7.921	71761851	121.8E6	43.804	48.692
Target Compounds							
2)	A alpha-BHC	3.997	3.283	153.9E6	206.0E6	49.692	56.541
3)	MA gamma-BHC...	4.328	3.613	178.7E6	195.3E6	57.652m	55.316
4)	MA Heptachlor	4.918	3.952	134.1E6	189.2E6	48.507	54.820
5)	MB Aldrin	5.258	4.231	129.4E6	186.2E6	46.601m	54.736m
6)	B beta-BHC	4.526	3.912	59730834	79705569	45.033	53.028
7)	B delta-BHC	4.774	4.141	143.7E6	201.1E6	49.836	57.931
8)	B Heptachlo...	5.685	4.735	118.7E6	161.1E6	46.636m	53.280
9)	A Endosulfan I	6.070	5.105	105.4E6	137.4E6	45.549m	50.072
10)	B gamma-Chl...	5.941	4.985	112.7E6	161.4E6	45.623m	53.637
11)	B alpha-Chl...	6.020	5.049	111.8E6	158.3E6	45.368m	52.877
12)	B 4,4'-DDE	6.194	5.237	101.6E6	156.3E6	46.940	56.247m
13)	MA Dieldrin	6.347	5.369	111.4E6	158.7E6	45.679	54.137
14)	MA Endrin	6.577	5.645	92711720	141.4E6	44.990	53.921
15)	B Endosulfa...	6.797	5.939	103.9E6	128.9E6	47.230	51.506
16)	A 4,4'-DDD	6.711	5.793	85455531	120.2E6	47.589m	56.276
17)	MA 4,4'-DDT	7.026	6.043	88804227	126.8E6	48.232	54.796
18)	B Endrin al...	6.926	6.119	78652982	106.3E6	45.131	52.101
19)	B Endosulfa...	7.161	6.341	87332624	125.5E6	44.057	52.007
20)	A Methoxychlor	7.502	6.619	45021593	66667738	45.860	53.319
21)	B Endrin ke...	7.646	6.847	99893609	139.6E6	45.457	50.430
22)	Mirex	8.119	7.029	74266712	114.7E6	41.237	47.161

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092624\
Data File : PL092068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2024 12:57
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

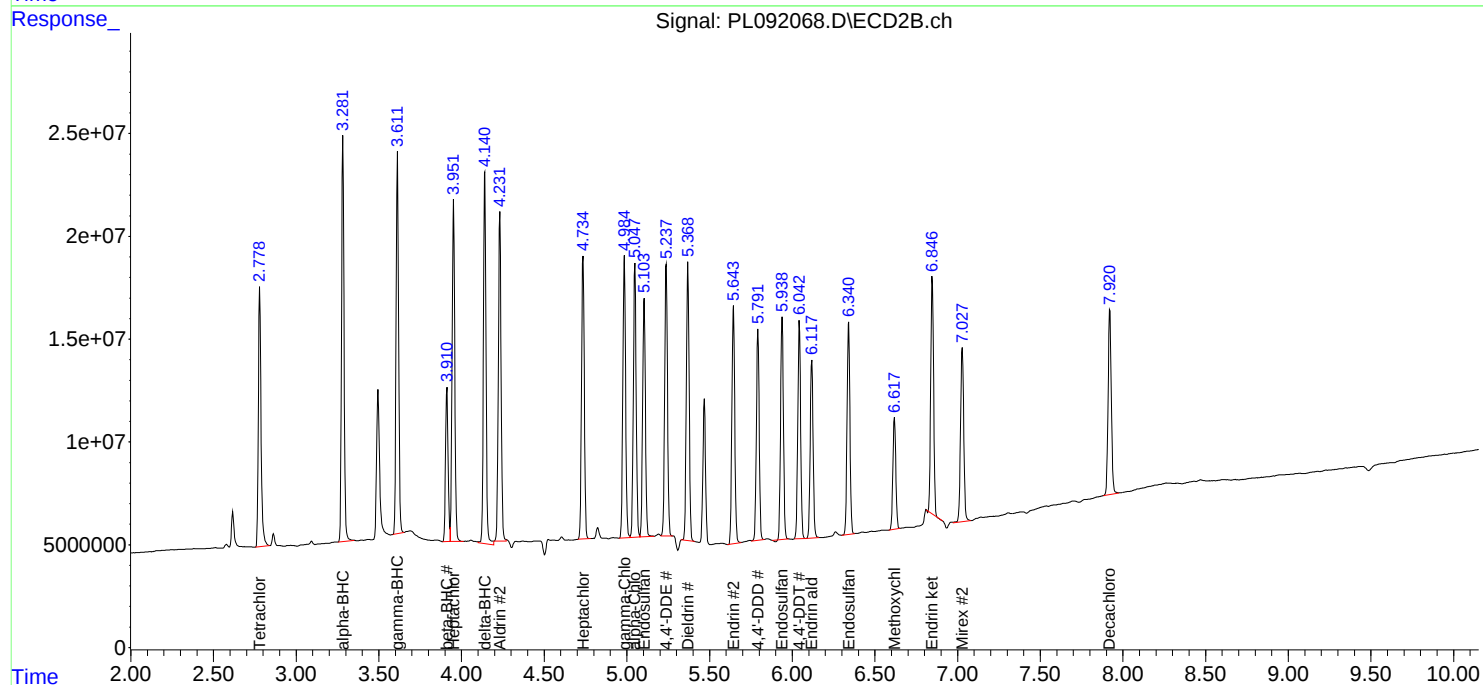
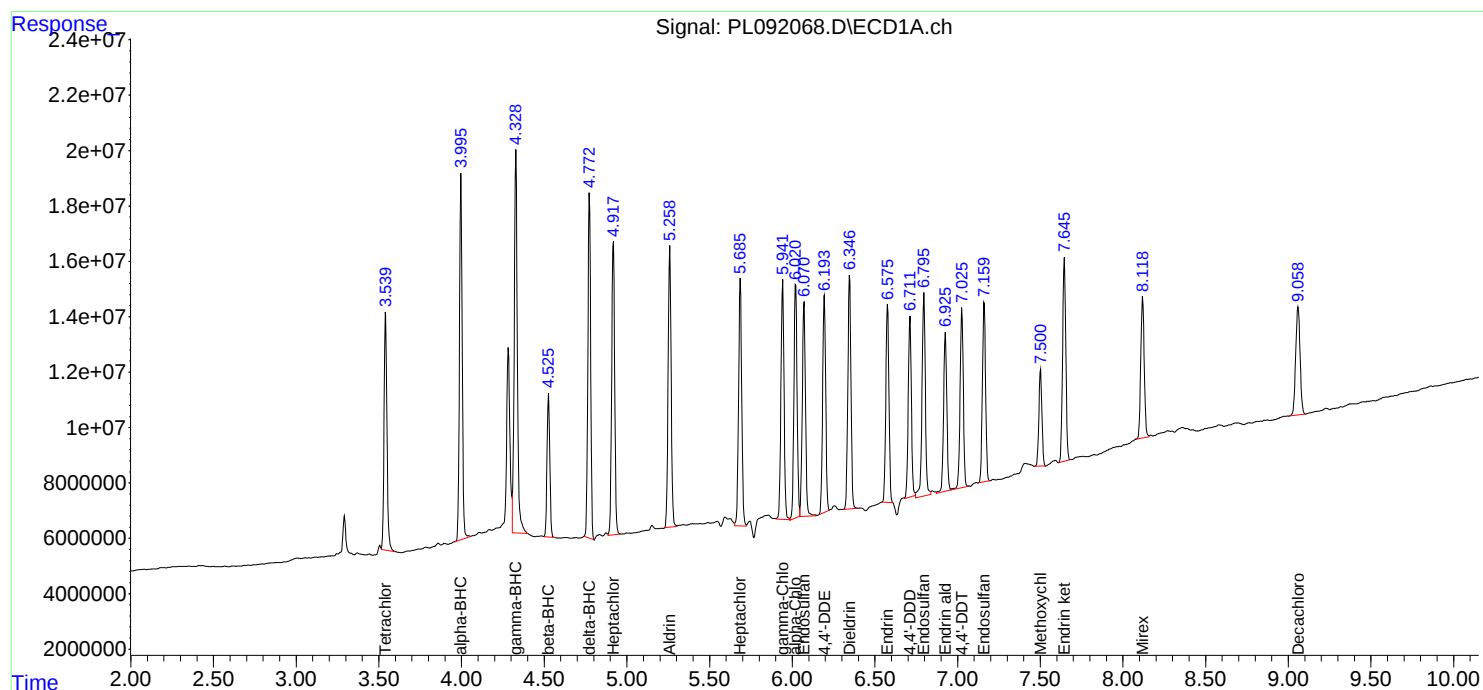
APPROVED

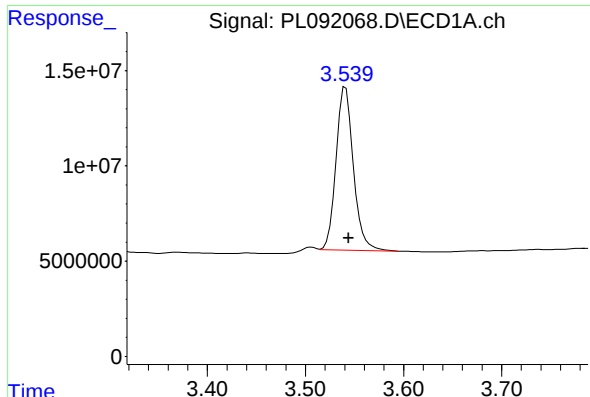
Reviewed By :Abdul Mirza 09/27/2024

Supervised By :Ankita Jodhani 09/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 14:29:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
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QLast Update : Mon Sep 23 16:44:57 2024
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





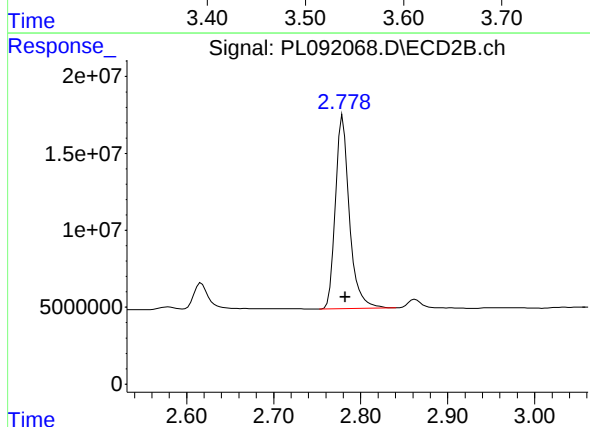
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 105632284
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

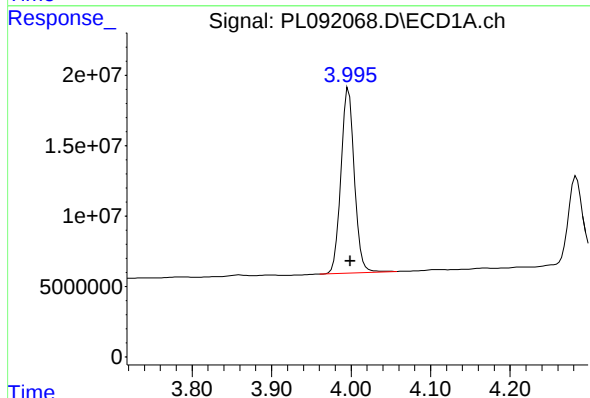
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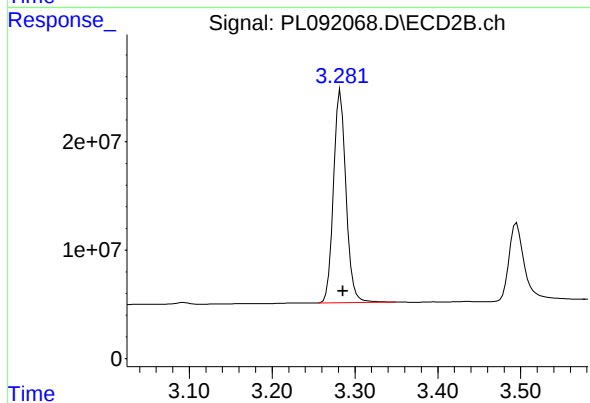
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.003 min
Response: 140464675
Conc: 56.00 ng/ml



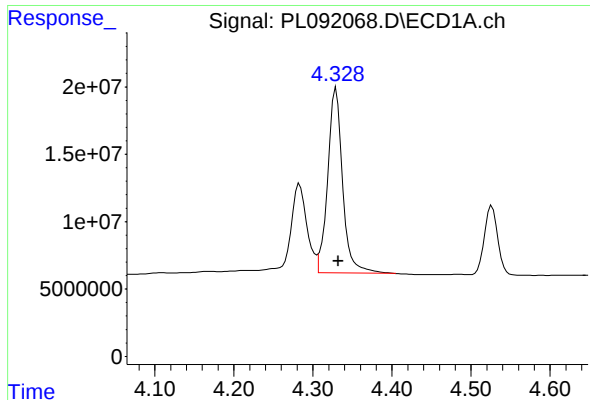
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 153872672
Conc: 49.69 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 205996794
Conc: 56.54 ng/ml



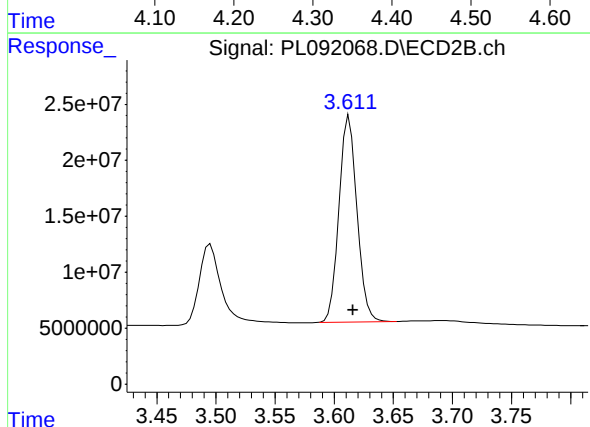
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 178652585
Conc: 57.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

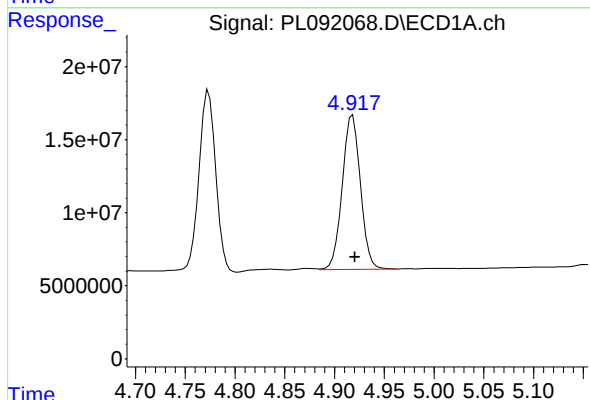
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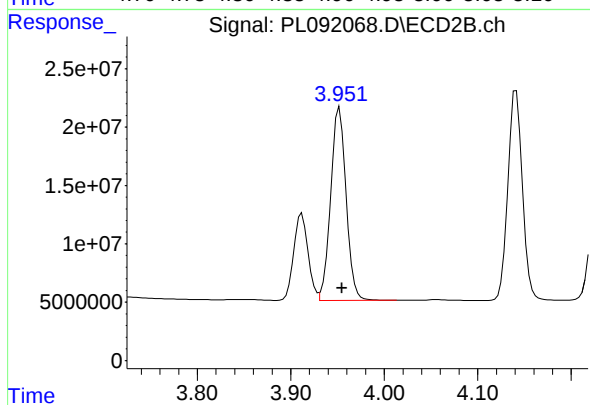
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.003 min
Response: 195320088
Conc: 55.32 ng/ml



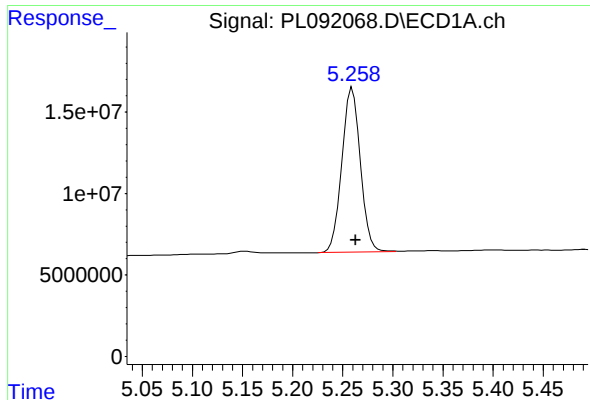
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 134144101
Conc: 48.51 ng/ml



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: -0.003 min
Response: 189162364
Conc: 54.82 ng/ml



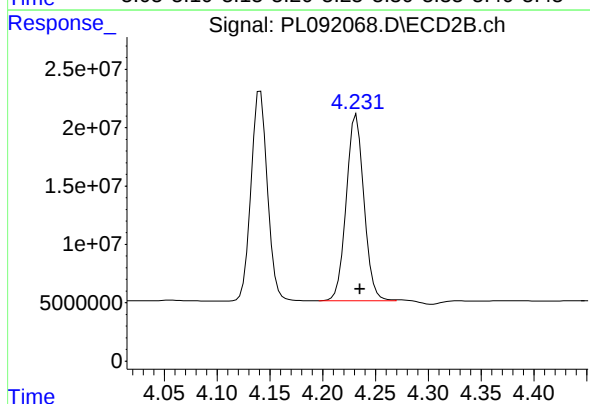
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.005 min
Response: 129438949
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

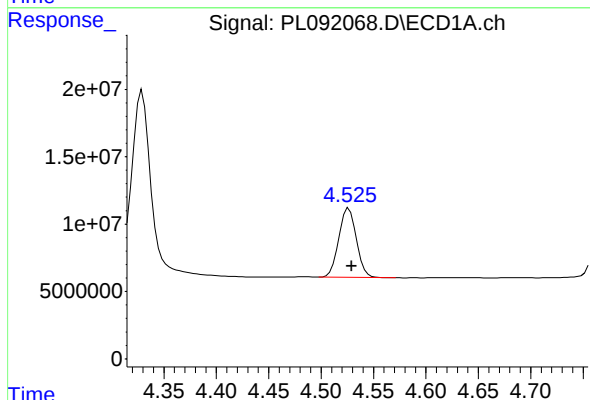
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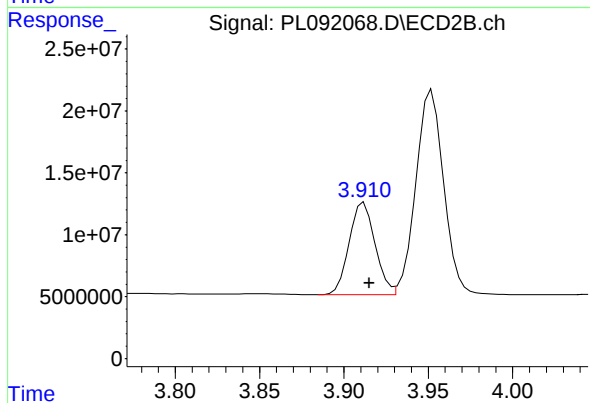
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: -0.005 min
Response: 186163962
Conc: 54.74 ng/ml



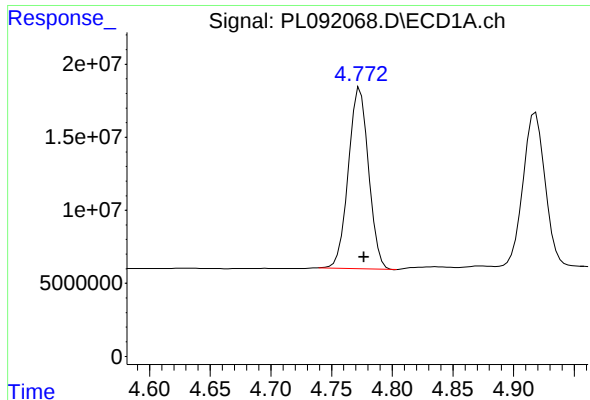
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 59730834
Conc: 45.03 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 79705569
Conc: 53.03 ng/ml



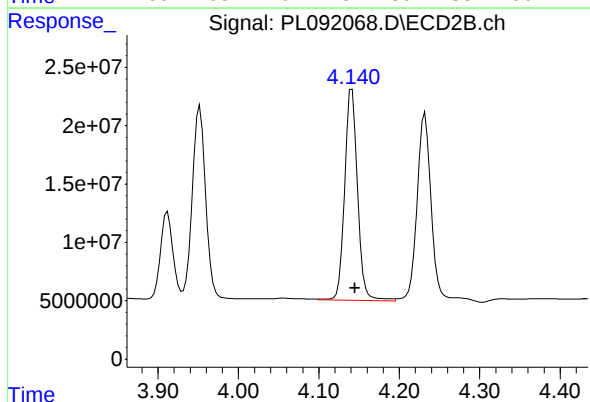
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.003 min
Response: 143736063
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

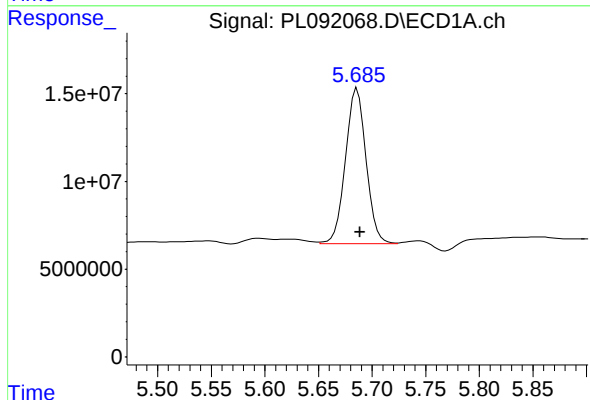
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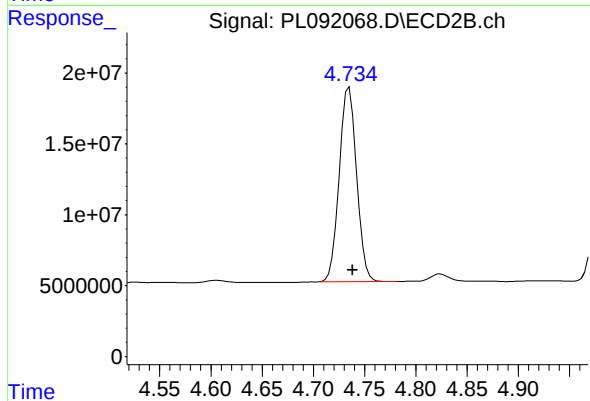
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 201119035
Conc: 57.93 ng/ml



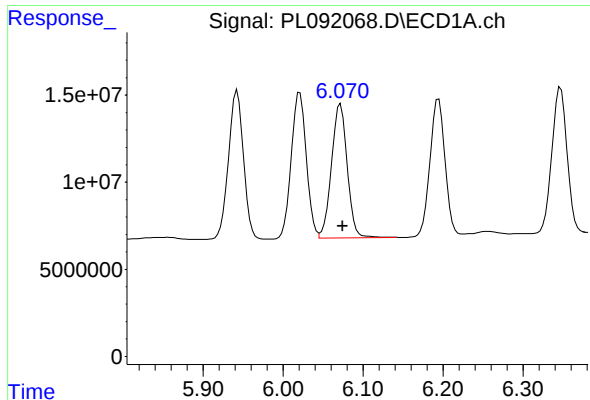
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.004 min
Response: 118689440
Conc: 46.64 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 161059574
Conc: 53.28 ng/ml



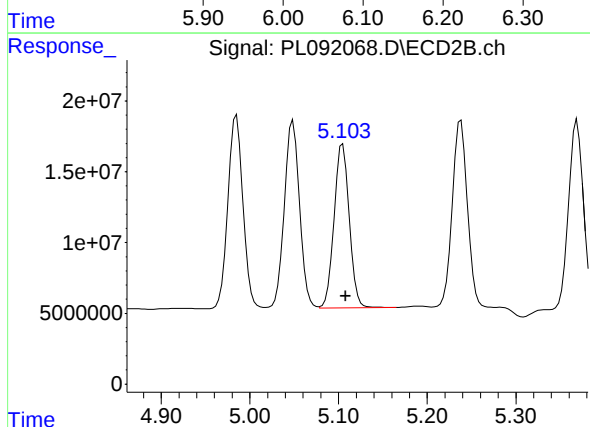
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 105373670
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

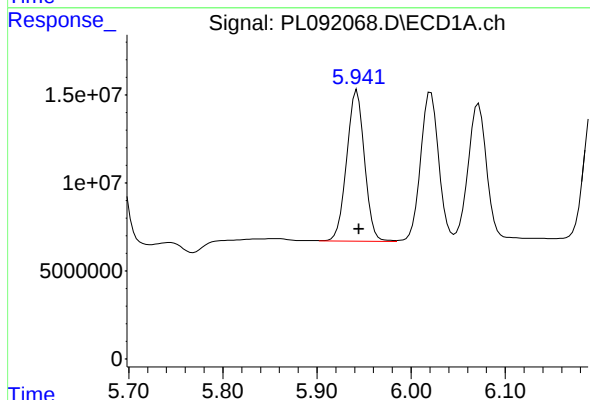
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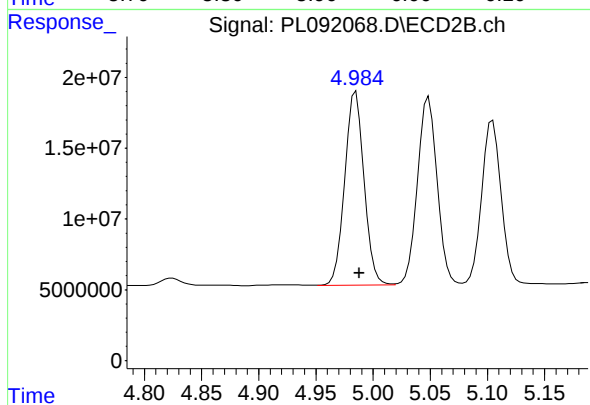
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 137430735
Conc: 50.07 ng/ml



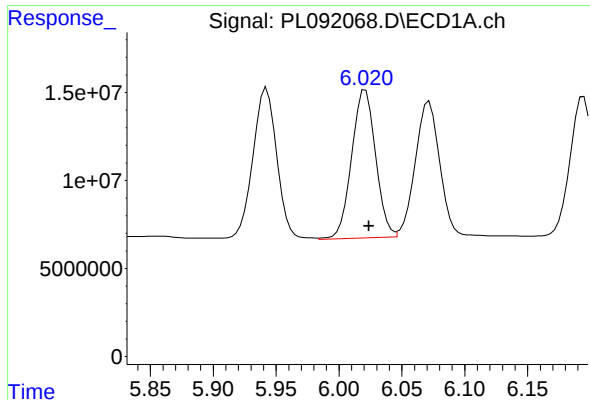
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 112742744
Conc: 45.62 ng/ml m



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 161372474
Conc: 53.64 ng/ml



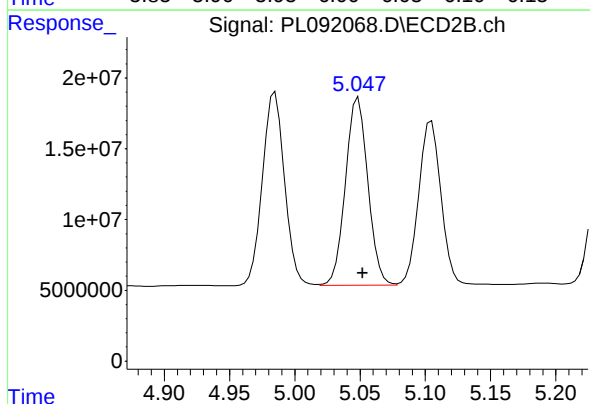
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.004 min
Response: 111757042
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

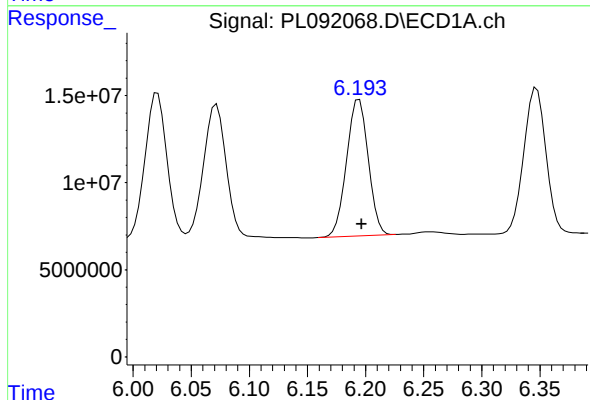
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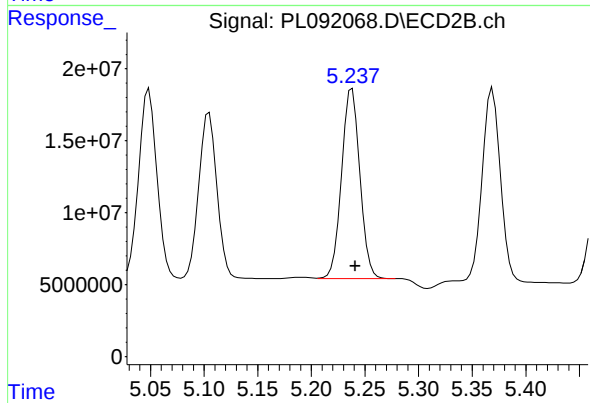
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 158288669
Conc: 52.88 ng/ml



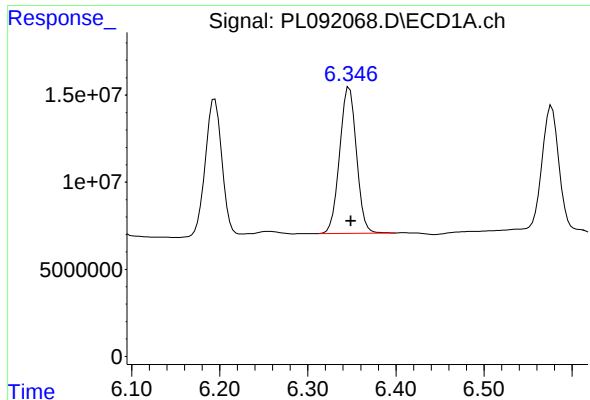
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 101598273
Conc: 46.94 ng/ml



#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 156303009
Conc: 56.25 ng/ml m



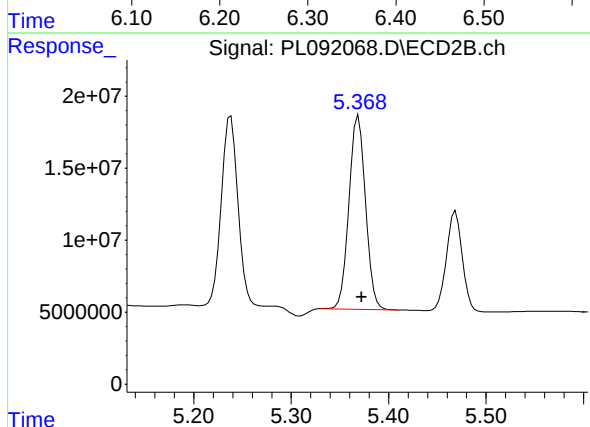
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 111403595
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

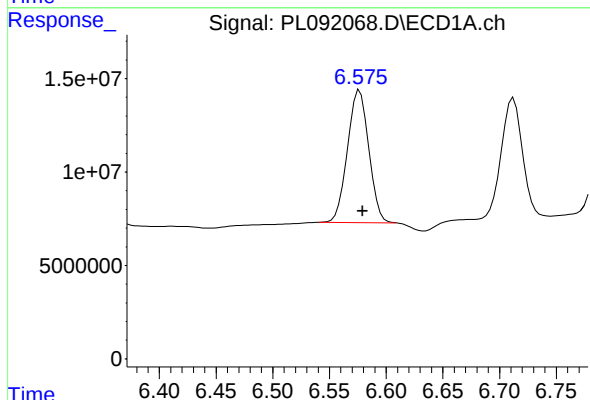
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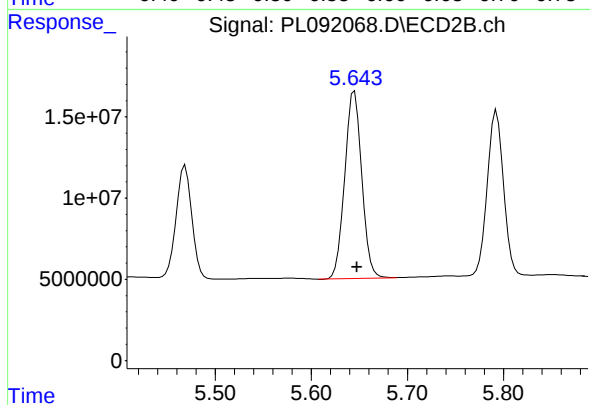
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: -0.003 min
Response: 158719970
Conc: 54.14 ng/ml



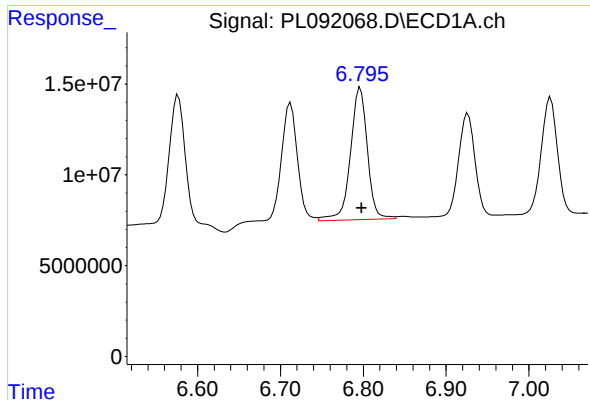
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 92711720
Conc: 44.99 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 141389655
Conc: 53.92 ng/ml



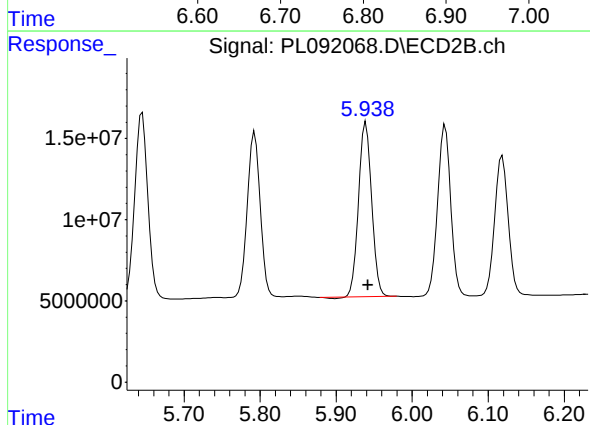
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 103892063
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

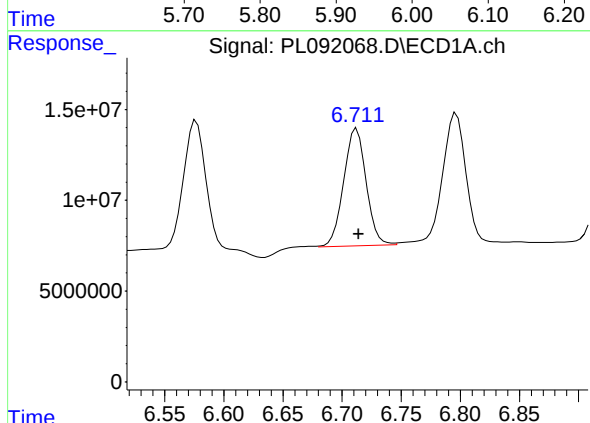
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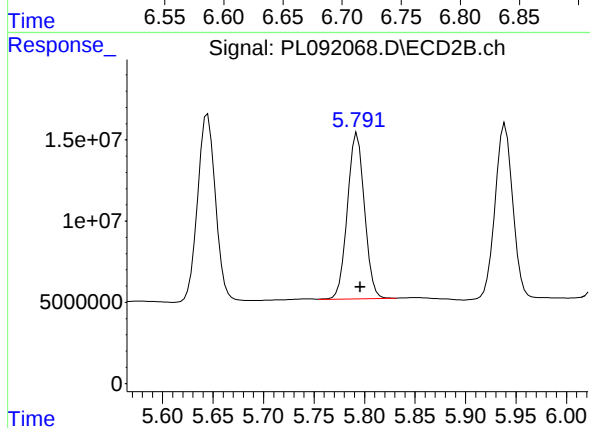
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 128888344
Conc: 51.51 ng/ml



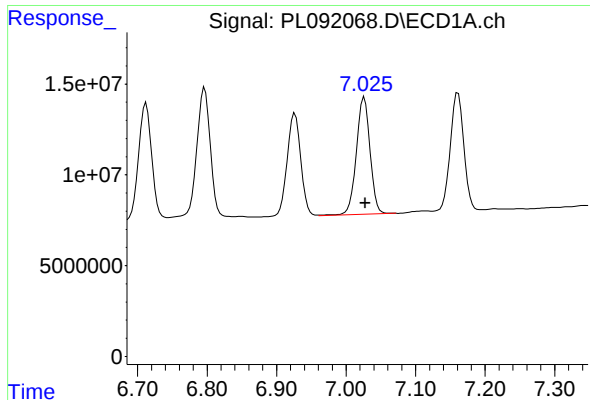
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 85455531
Conc: 47.59 ng/ml m



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 120217405
Conc: 56.28 ng/ml



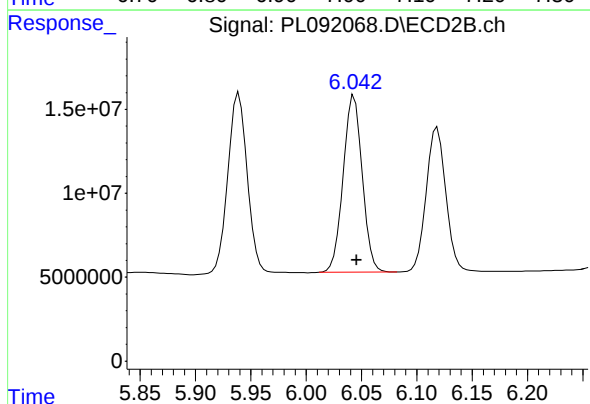
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 88804227
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

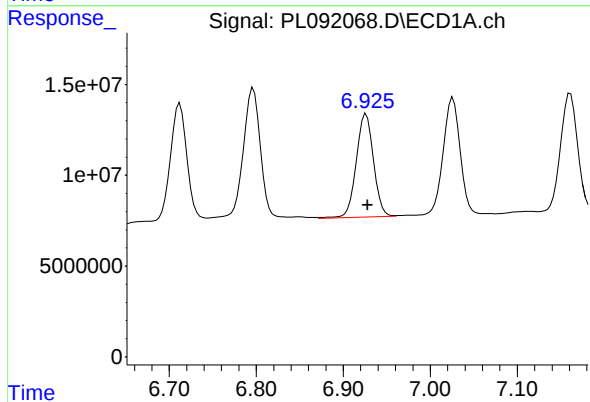
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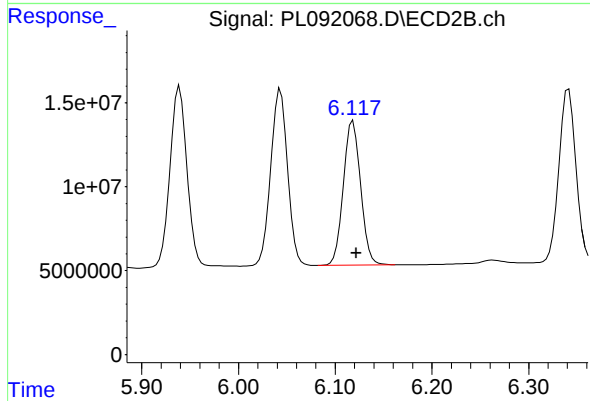
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 126753228
Conc: 54.80 ng/ml



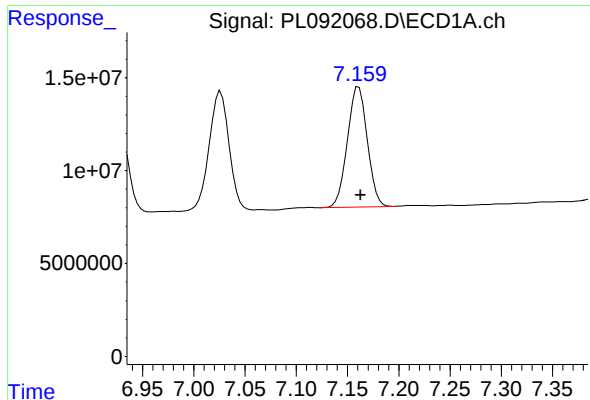
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 78652982
Conc: 45.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 106322662
Conc: 52.10 ng/ml



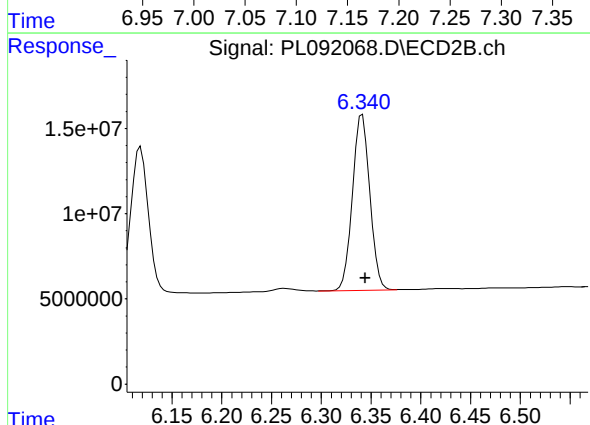
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 87332624
Conc: 44.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

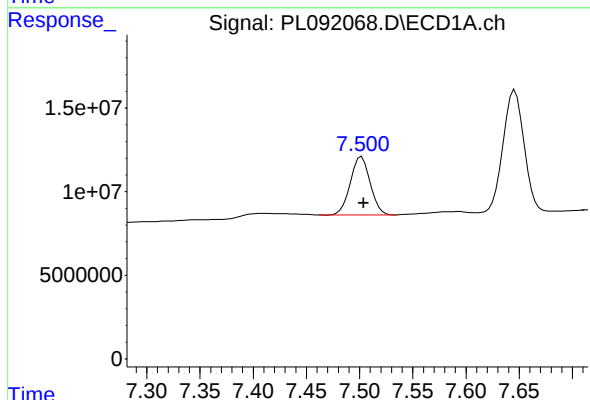
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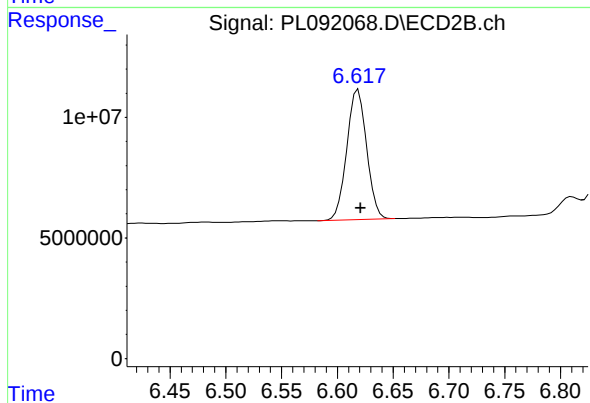
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 125467149
Conc: 52.01 ng/ml



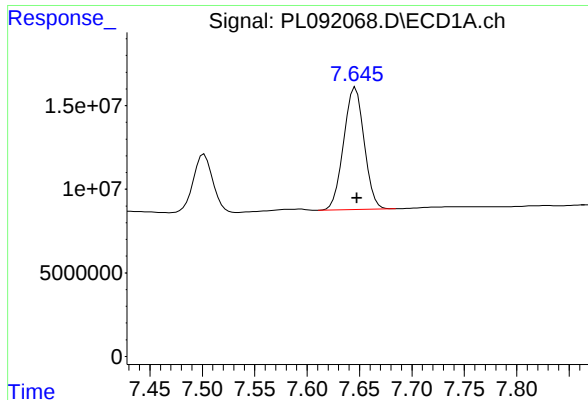
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 45021593
Conc: 45.86 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 66667738
Conc: 53.32 ng/ml



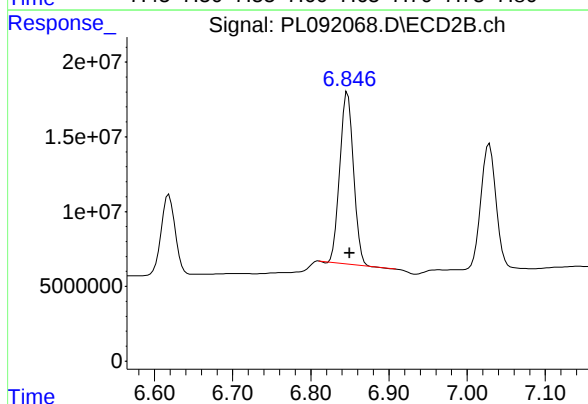
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 99893609
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

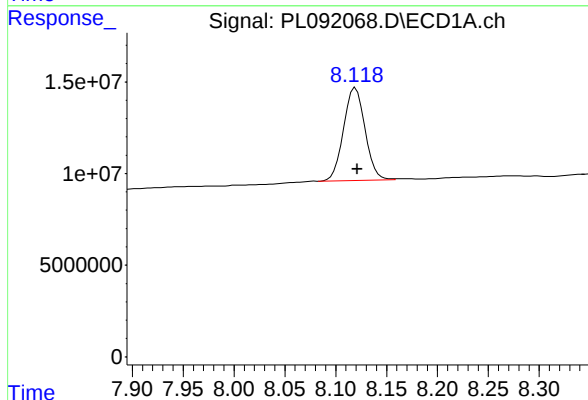
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/27/2024
Supervised By :Ankita Jodhani 09/27/2024



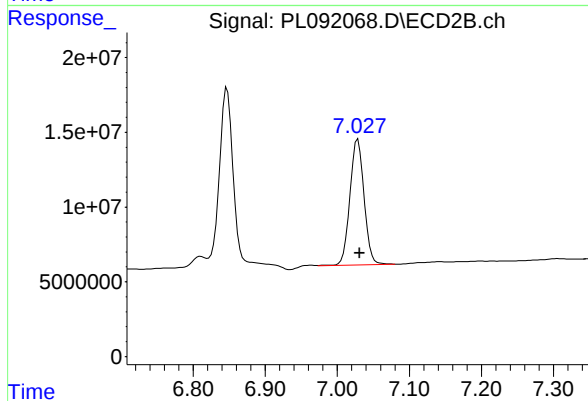
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 139636877
Conc: 50.43 ng/ml



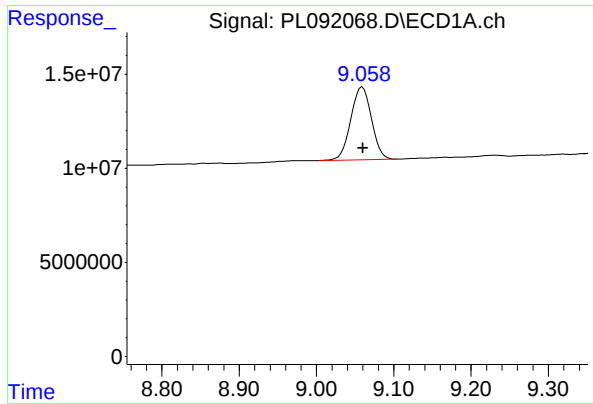
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 74266712
Conc: 41.24 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 114725888
Conc: 47.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 71761851
Conc: 43.80 ng/ml

Instrument :

ECD_L

ClientSampleId :

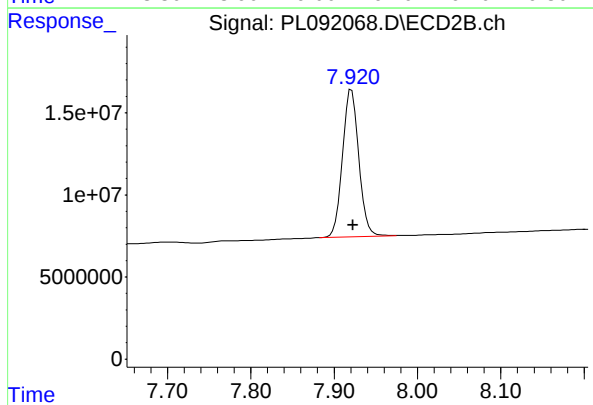
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 121824852
Conc: 48.69 ng/ml