

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100824\
 Data File : PL092262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2024 12:46
 Operator : AR\AJ
 Sample : PB163969BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163969BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/09/2024
 Supervised By : Ankita Jodhani 10/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 02:07:20 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...	3.551	2.782	43248125	47040103	19.440	18.755
28)	SA Decachlor...	9.069	7.924	35050873	49238157	21.396	19.680
Target Compounds							
2)	A alpha-BHC	4.007	3.285	144.7E6	176.2E6	46.746	48.358
3)	MA gamma-BHC...	4.339	3.615	138.7E6	167.1E6	44.761	47.331
4)	MA Heptachlor	4.928	3.955	128.1E6	165.8E6	46.339	48.052
5)	MB Aldrin	5.270	4.235	123.8E6	161.0E6	44.580	47.344
6)	B beta-BHC	4.537	3.915	61738734	73378853	46.547	48.818
7)	B delta-BHC	4.785	4.144	132.4E6	165.1E6	45.898	47.564
8)	B Heptachlo...	5.697	4.737	116.6E6	150.4E6	45.829	49.762m
9)	A Endosulfan I	6.082	5.106	108.7E6	138.9E6	46.979	50.597m
10)	B gamma-Chl...	5.952	4.988	117.4E6	154.4E6	47.502	51.314
11)	B alpha-Chl...	6.031	5.051	118.1E6	152.0E6	47.944	50.766
12)	B 4,4'-DDE	6.204	5.241	103.4E6	142.7E6	47.756	51.370
13)	MA Dieldrin	6.357	5.372	113.9E6	147.6E6	46.702	50.360
14)	MA Endrin	6.585	5.648	88268385	121.4E6	42.834m	46.292
15)	B Endosulfa...	6.806	5.943	103.1E6	129.2E6	46.854	51.627
16)	A 4,4'-DDD	6.720	5.796	90040004	117.5E6	50.142m	54.994
17)	MA 4,4'-DDT	7.035	6.046	83580934	107.1E6	45.395	46.316
18)	B Endrin al...	6.936	6.122	80480591	100.9E6	46.180	49.445
19)	B Endosulfa...	7.170	6.345	93064728	123.0E6	46.948	50.996
20)	A Methoxychlor	7.511	6.622	42985315	54260867	43.786	43.397
21)	B Endrin ke...	7.655	6.851	107.6E6	147.2E6	48.982	53.154
22)	Mirex	8.128	7.032	82007479	113.3E6	45.535	46.585

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100824\
Data File : PL092262.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Oct 2024 12:46
Operator : AR\AJ
Sample : PB163969BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163969BS

Manual Integrations

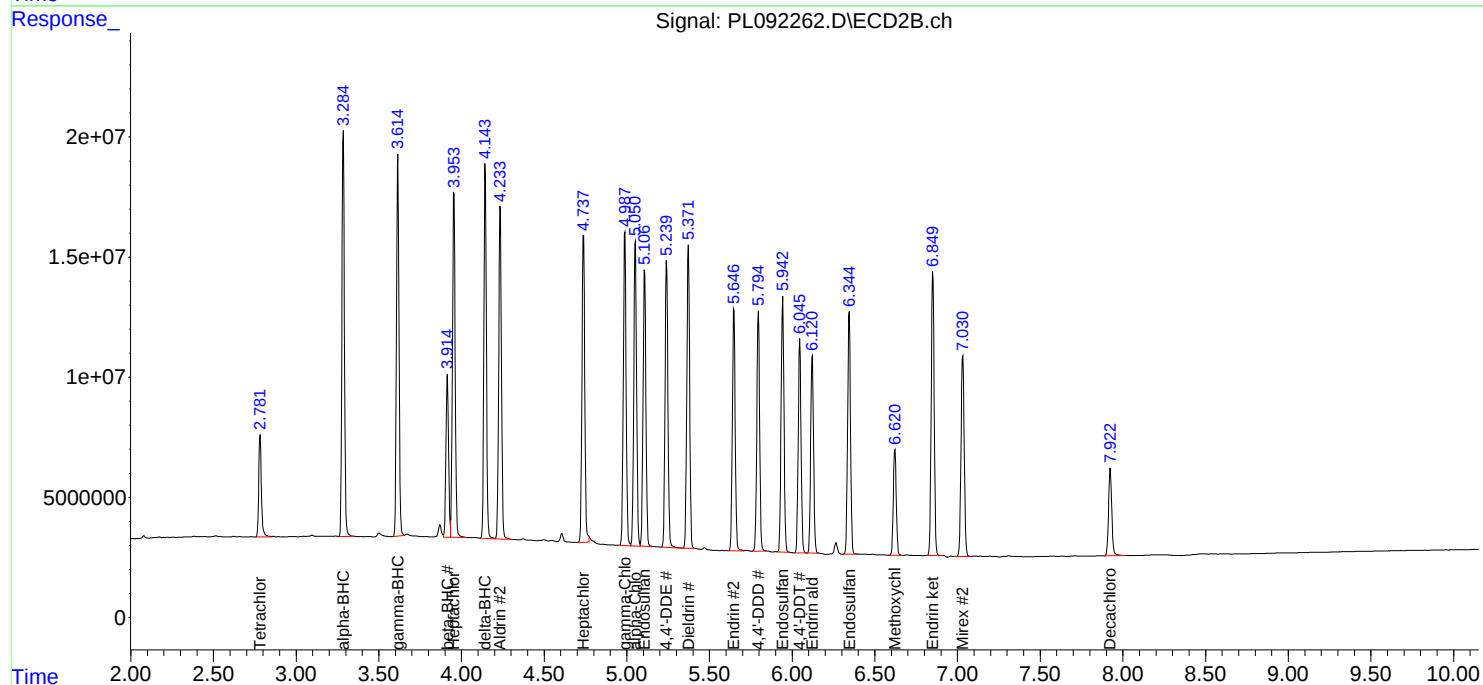
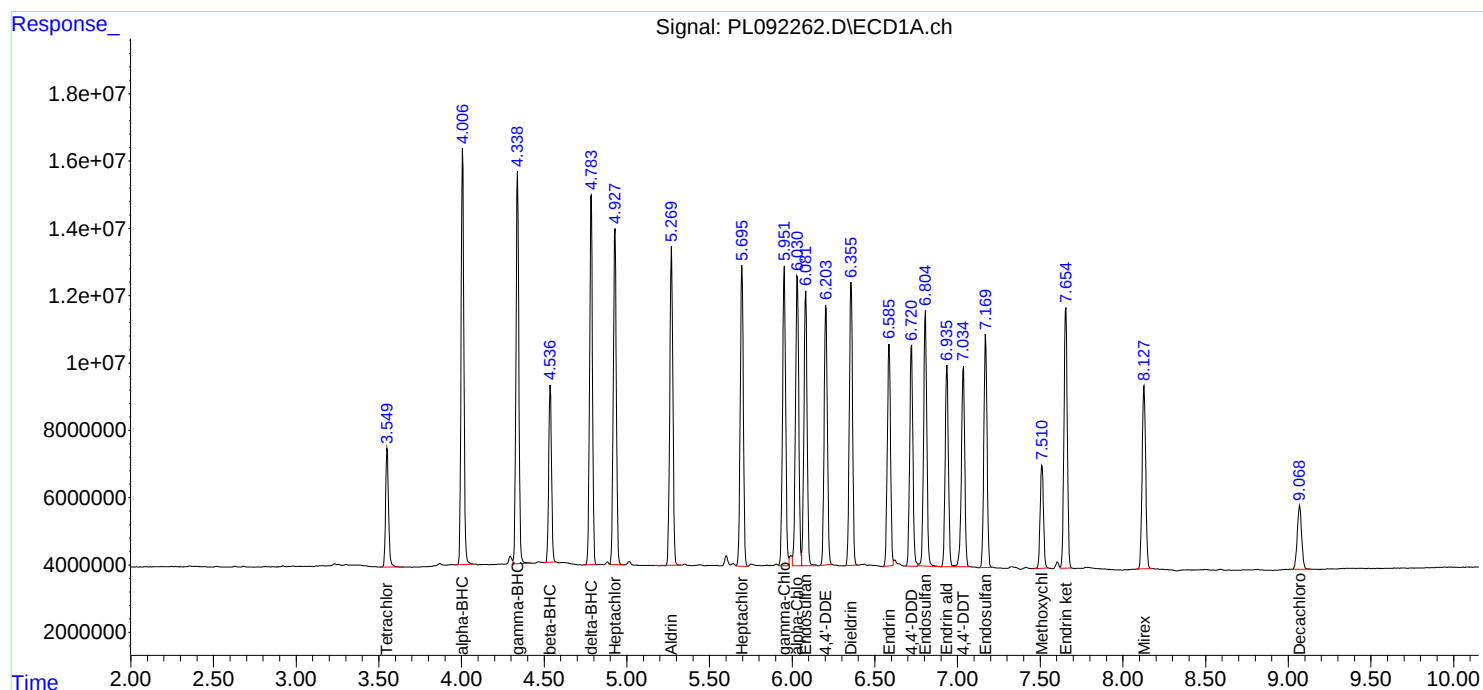
APPROVED

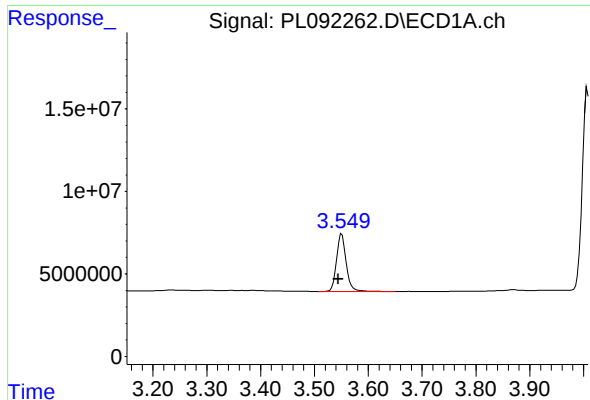
Reviewed By :Abdul Mirza 10/09/2024

Supervised By :Ankita Jodhani 10/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 02:07:20 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.: 3.551 min
Delta R.T.: 0.007 min
Response: 43248125
Conc: 19.44 ng/ml

Instrument :

ECD_L

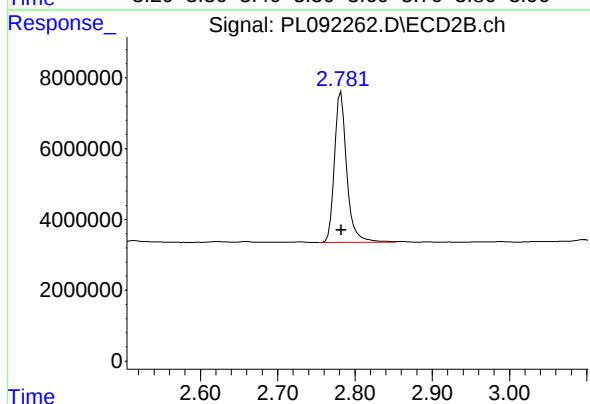
ClientSampleId :

PB163969BS

Manual Integrations

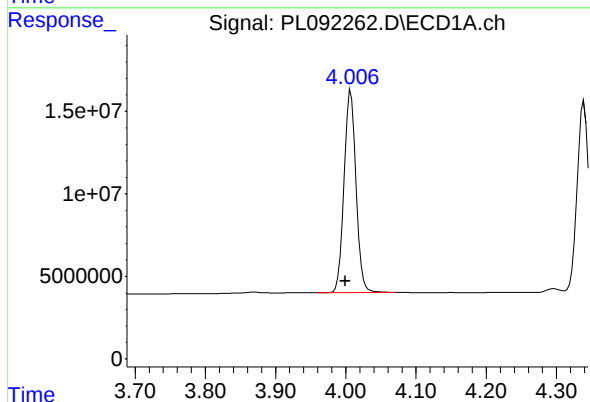
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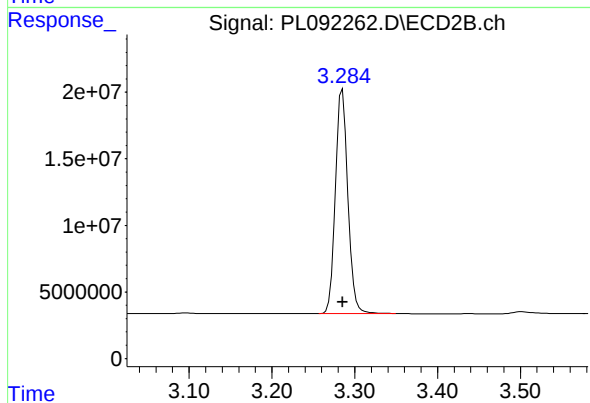
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 47040103
Conc: 18.76 ng/ml



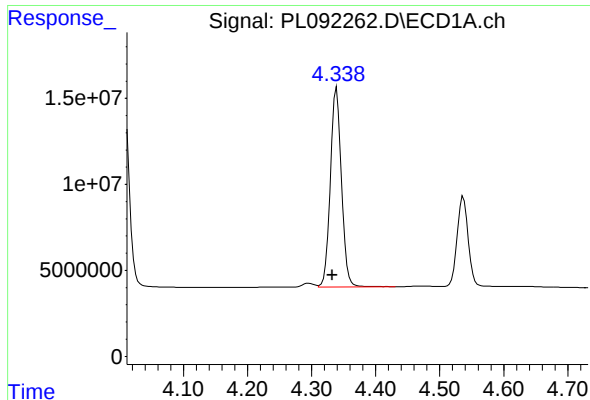
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.008 min
Response: 144749406
Conc: 46.75 ng/ml



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 176182704
Conc: 48.36 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.007 min
Response: 138706730
Conc: 44.76 ng/ml

Instrument :

ECD_L

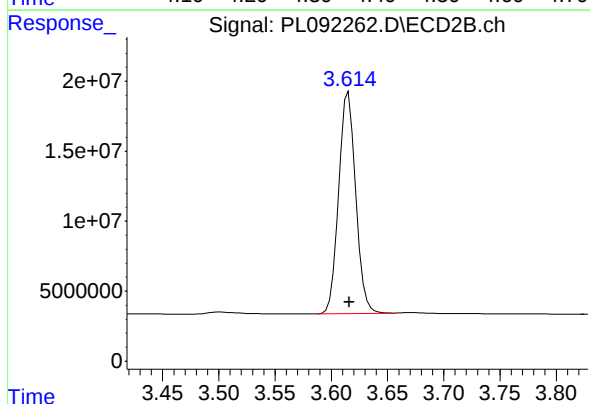
ClientSampleId :

PB163969BS

Manual Integrations

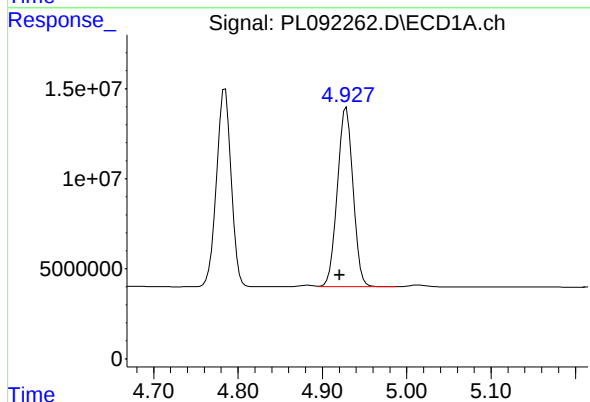
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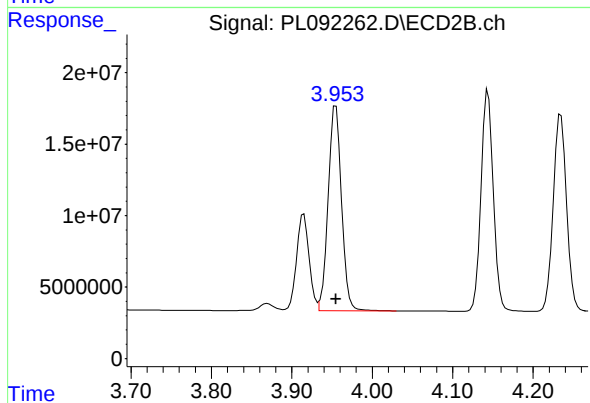
#3 gamma-BHC (Lindane)

R.T.: 3.615 min
Delta R.T.: 0.000 min
Response: 167124860
Conc: 47.33 ng/ml



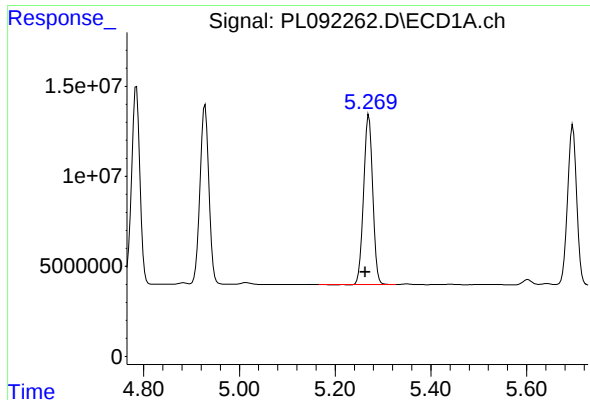
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.008 min
Response: 128148306
Conc: 46.34 ng/ml



#4 Heptachlor

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 165808956
Conc: 48.05 ng/ml



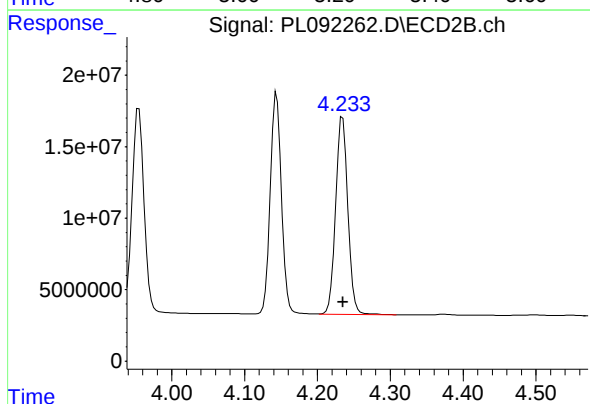
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.008 min
Response: 123825173
Conc: 44.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163969BS

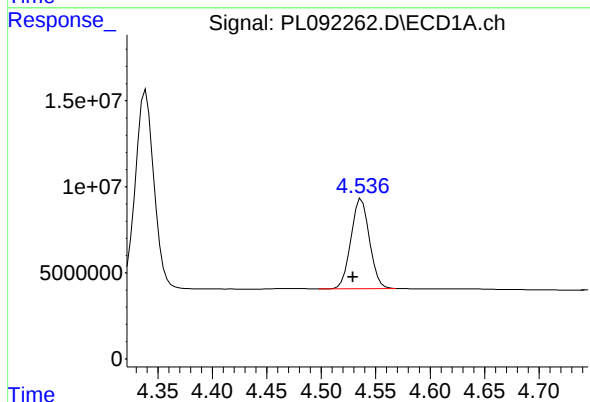
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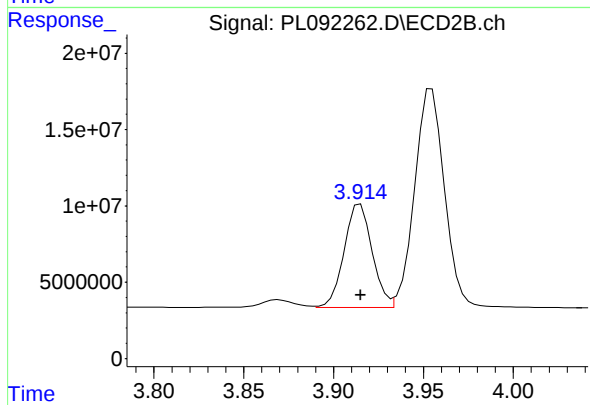
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 161020426
Conc: 47.34 ng/ml



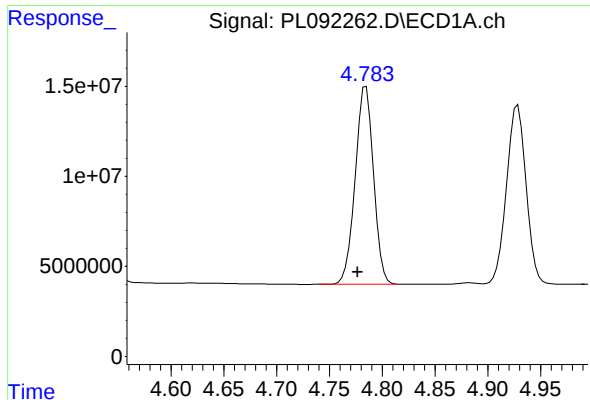
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.008 min
Response: 61738734
Conc: 46.55 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 73378853
Conc: 48.82 ng/ml



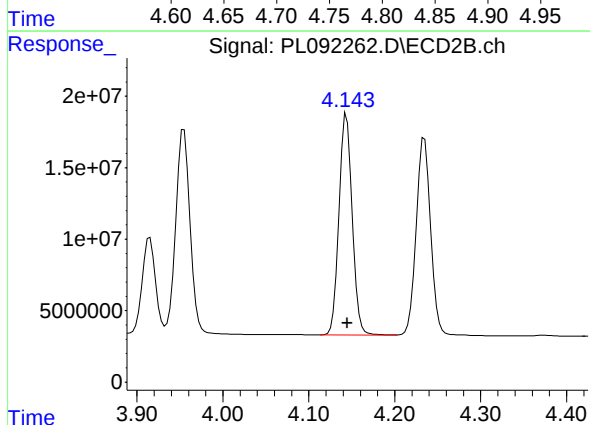
#7 delta-BHC

R.T.: 4.785 min
Delta R.T.: 0.008 min
Response: 132379546
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163969BS

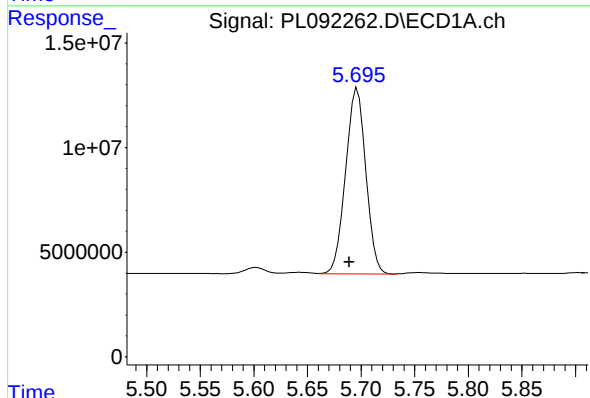
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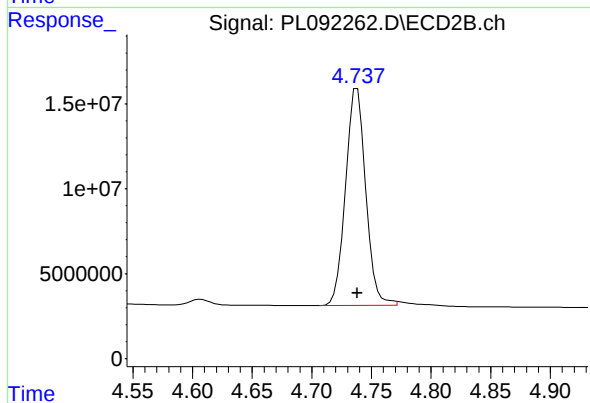
#7 delta-BHC

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 165128391
Conc: 47.56 ng/ml



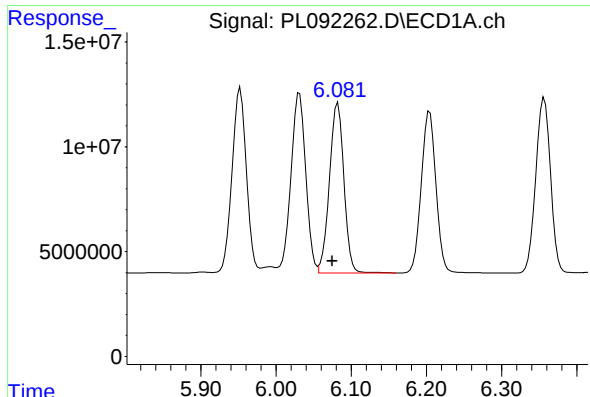
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.008 min
Response: 116633792
Conc: 45.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 150423531
Conc: 49.76 ng/ml m



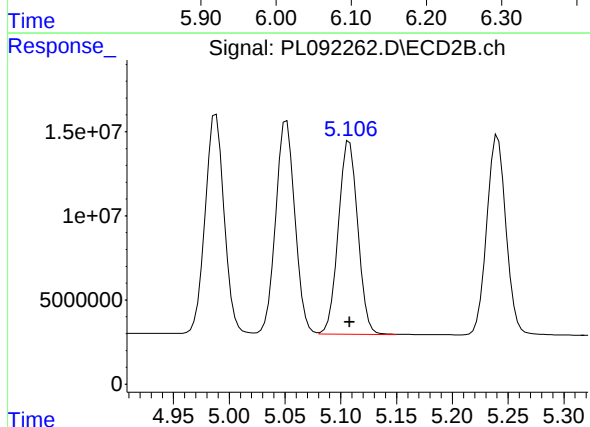
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.007 min
Response: 108680521
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163969BS

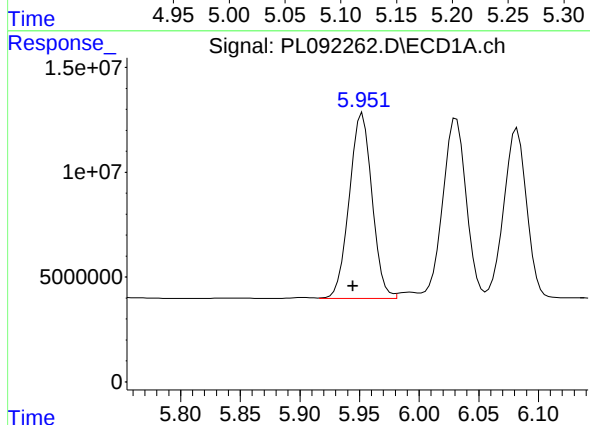
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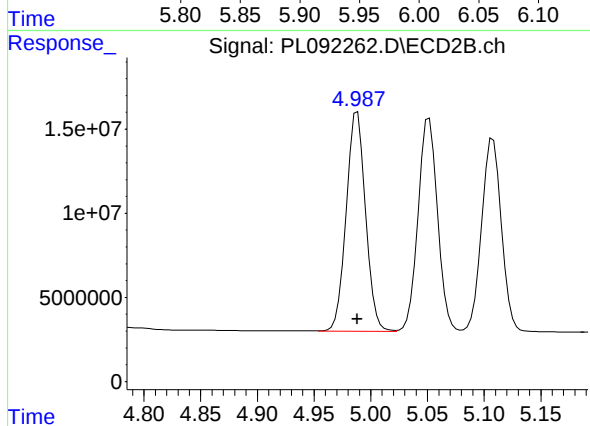
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 138871319
Conc: 50.60 ng/ml m



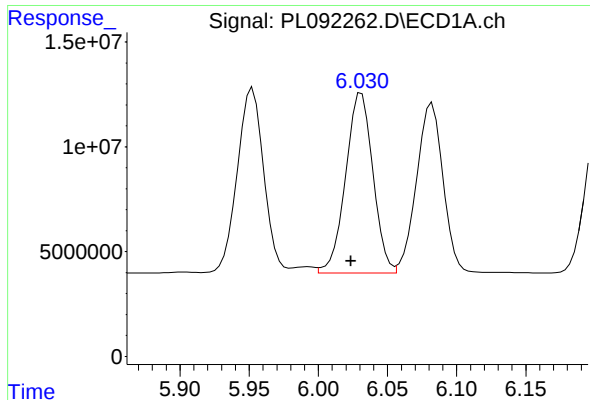
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.008 min
Response: 117387379
Conc: 47.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 154382480
Conc: 51.31 ng/ml



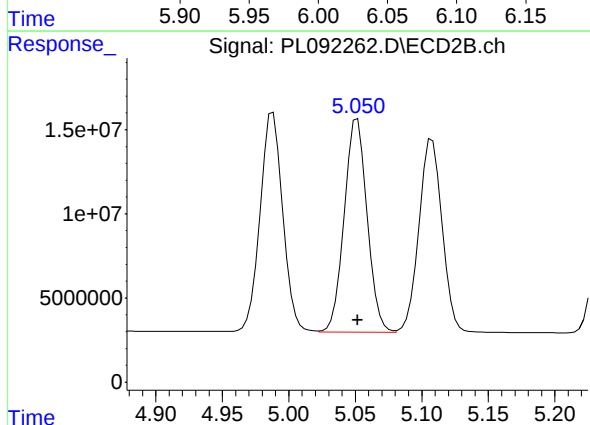
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.007 min
Response: 118101379
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163969BS

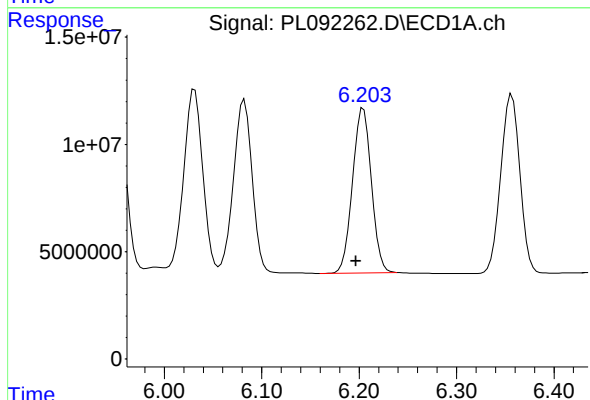
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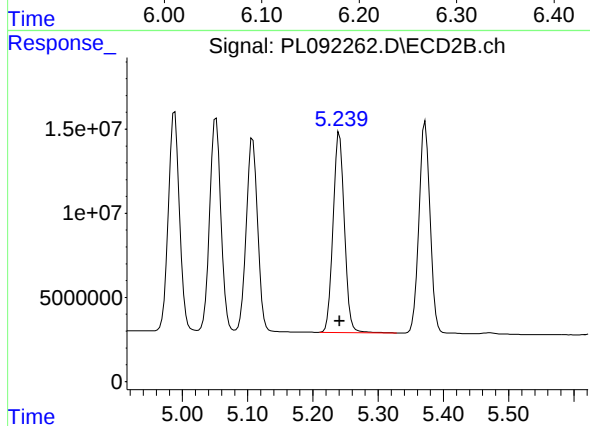
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 151971218
Conc: 50.77 ng/ml



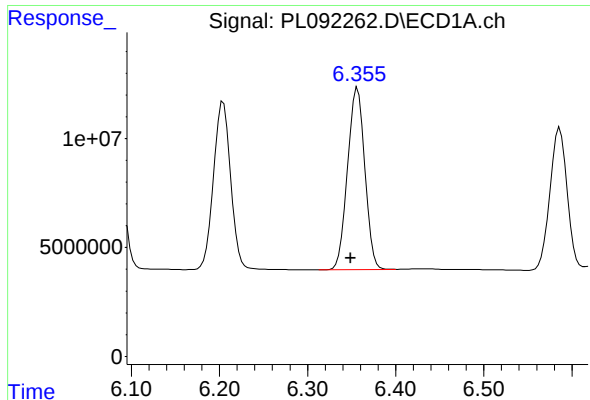
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.008 min
Response: 103363679
Conc: 47.76 ng/ml



#12 4,4'-DDE

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 142749955
Conc: 51.37 ng/ml



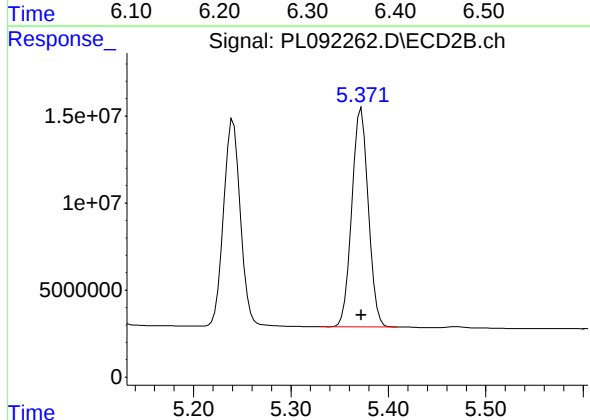
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.008 min
Response: 113899852
Conc: 46.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163969BS

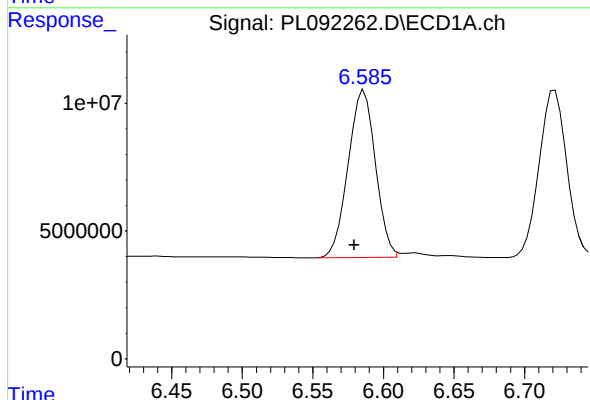
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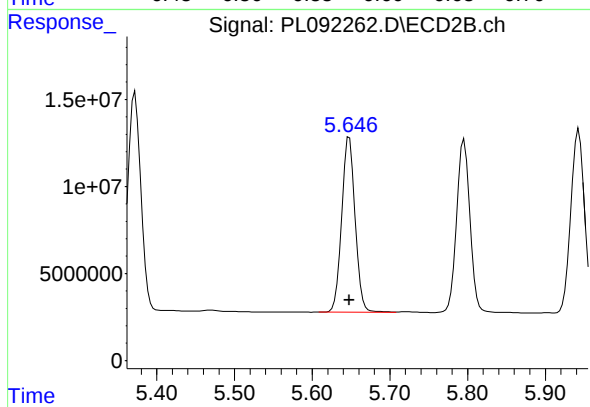
#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 147647905
Conc: 50.36 ng/ml



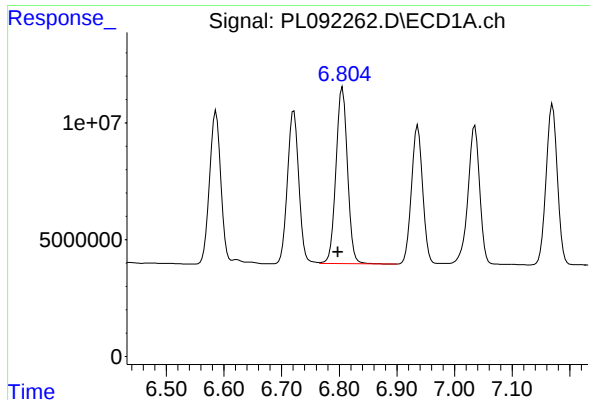
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.006 min
Response: 88268385
Conc: 42.83 ng/ml m



#14 Endrin

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 121384694
Conc: 46.29 ng/ml



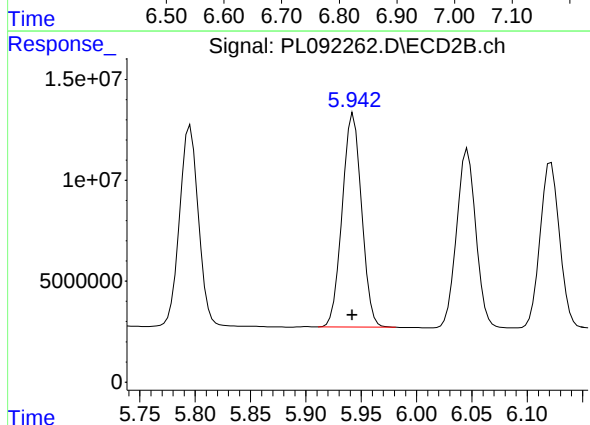
#15 Endosulfan II

R.T.: 6.806 min
Delta R.T.: 0.008 min
Response: 103065639
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163969BS

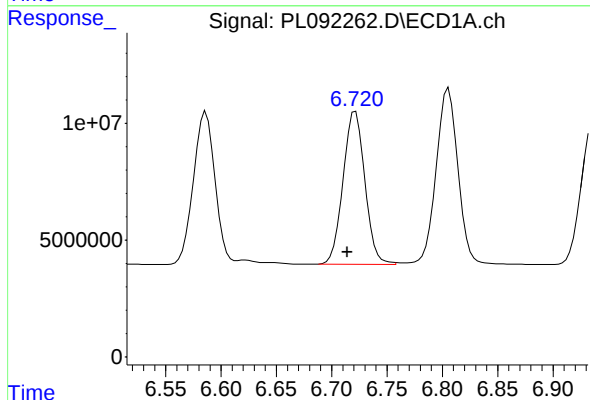
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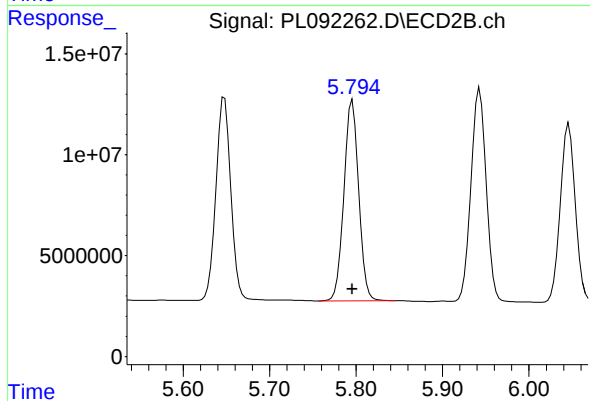
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 129192486
Conc: 51.63 ng/ml



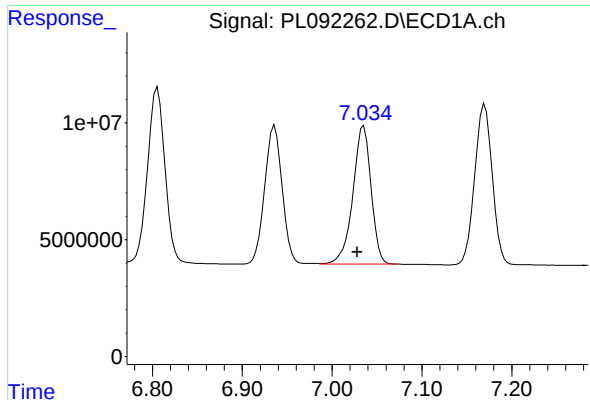
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.006 min
Response: 90040004
Conc: 50.14 ng/ml m



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 117478592
Conc: 54.99 ng/ml



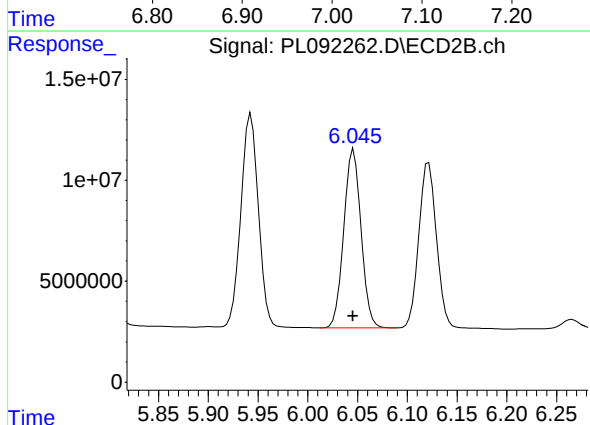
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: 0.007 min
Response: 83580934
Conc: 45.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163969BS

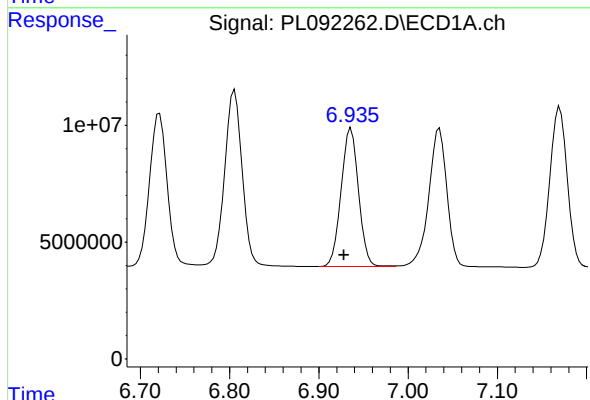
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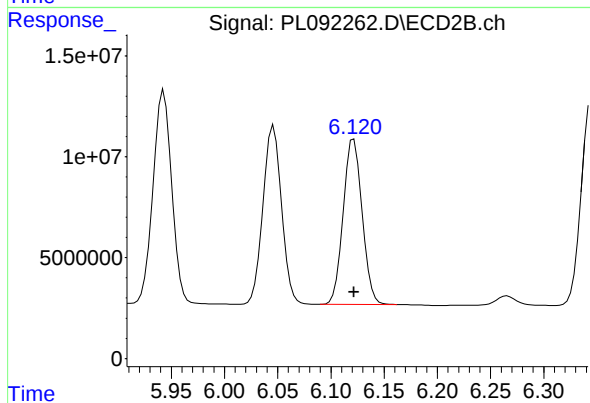
#17 4,4'-DDT

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 107136209
Conc: 46.32 ng/ml



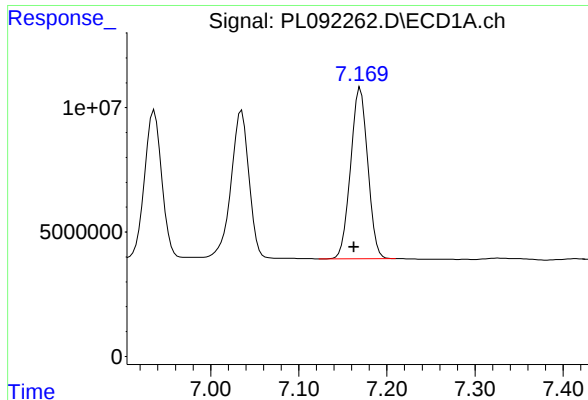
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.008 min
Response: 80480591
Conc: 46.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 100903337
Conc: 49.44 ng/ml



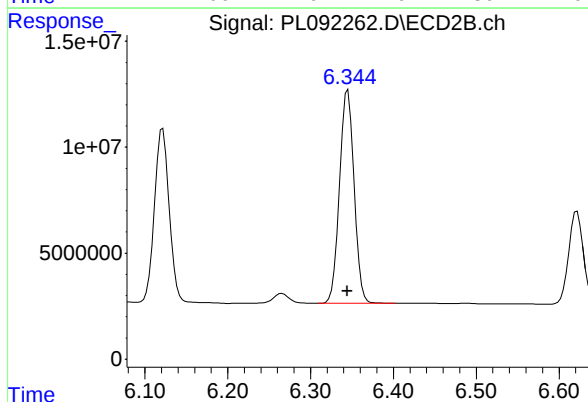
#19 Endosulfan Sulfate

R.T.: 7.170 min
Delta R.T.: 0.007 min
Response: 93064728
Conc: 46.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163969BS

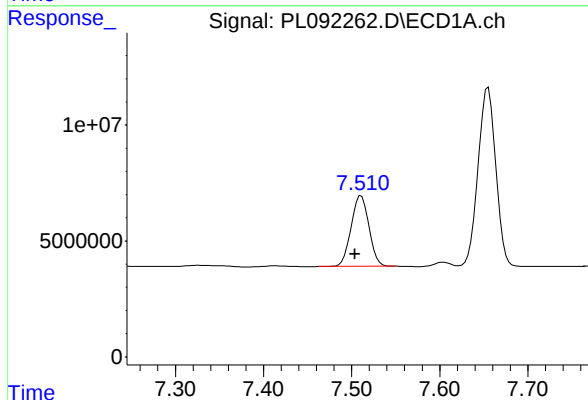
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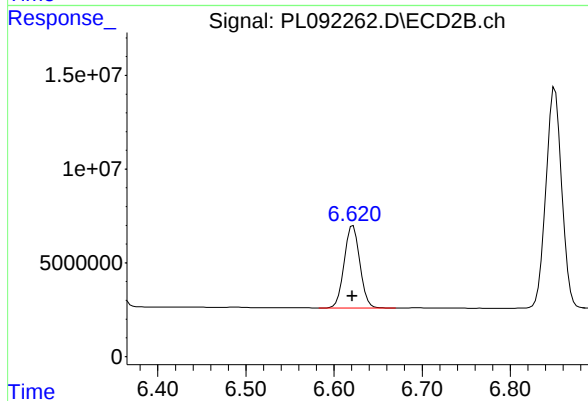
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 123029475
Conc: 51.00 ng/ml



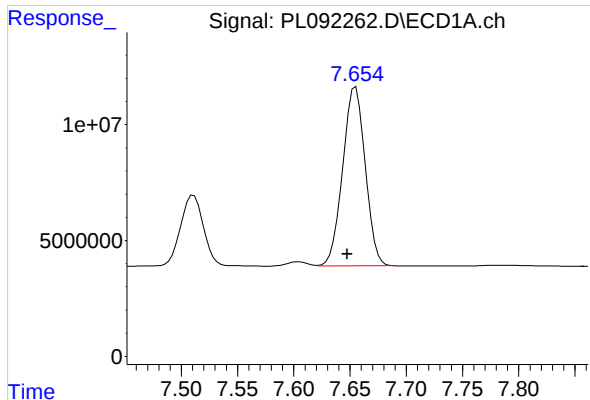
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.007 min
Response: 42985315
Conc: 43.79 ng/ml



#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 54260867
Conc: 43.40 ng/ml



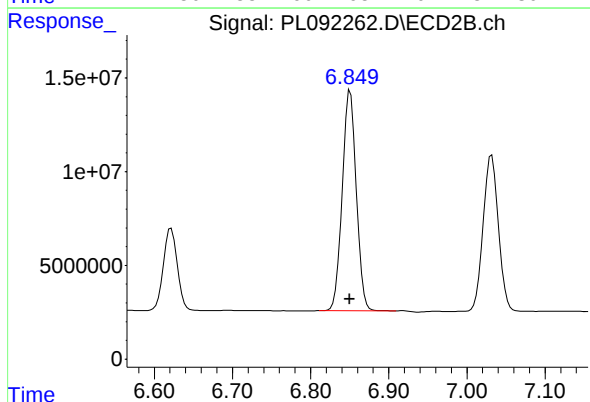
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.008 min
Response: 107640111
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163969BS

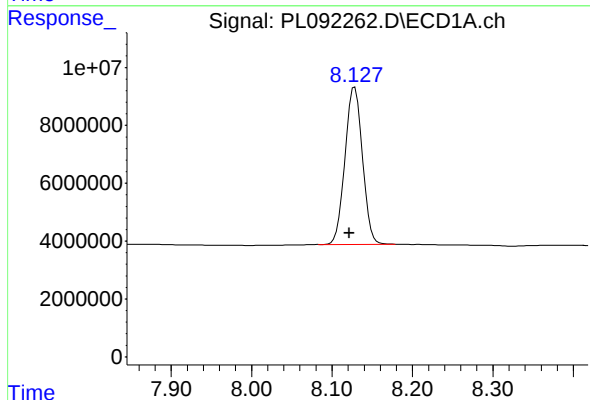
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/09/2024
Supervised By :Ankita Jodhani 10/09/2024



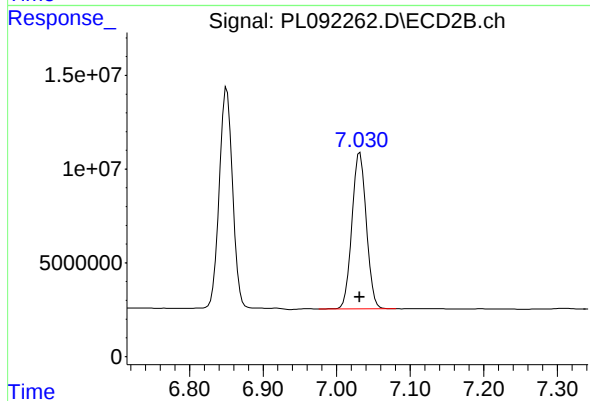
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 147179348
Conc: 53.15 ng/ml



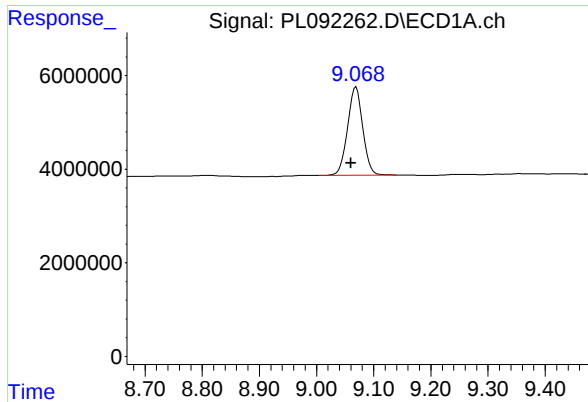
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.007 min
Response: 82007479
Conc: 45.53 ng/ml



#22 Mirex

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 113325662
Conc: 46.59 ng/ml



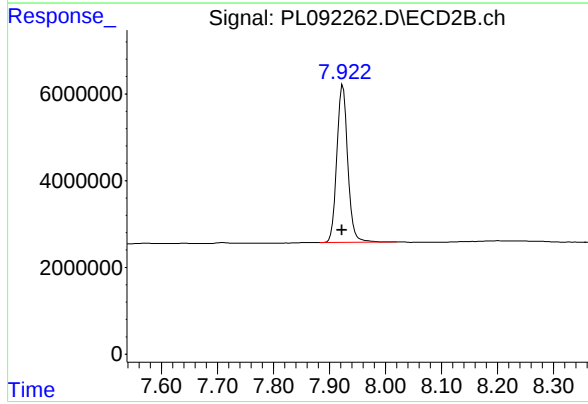
#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.009 min
Response: 35050873
Conc: 21.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163969BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.001 min
Response: 49238157
Conc: 19.68 ng/ml