

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
 Data File : PL092210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2024 11:36
 Operator : AR\AJ
 Sample : PB163841BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163841BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/04/2024
 Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:38:54 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	39030996	41886983	17.545	16.701
28)	SA Decachlor...	9.069	7.925	31439200	45821105	19.191	18.314
Target Compounds							
2)	A alpha-BHC	4.007	3.286	151.2E6	183.9E6	48.825	50.466
3)	MA gamma-BHC...	4.340	3.616	144.9E6	173.6E6	46.749	49.171
4)	MA Heptachlor	4.928	3.955	136.1E6	174.0E6	49.212	50.435
5)	MB Aldrin	5.270	4.235	128.5E6	166.8E6	46.247	49.032
6)	B beta-BHC	4.537	3.915	64611104	75599620	48.713	50.296
7)	B delta-BHC	4.784	4.145	138.1E6	172.1E6	47.869	49.559
8)	B Heptachlo...	5.697	4.738	120.8E6	156.3E6	47.467	51.698
9)	A Endosulfan I	6.082	5.109	112.3E6	143.0E6	48.551	52.107
10)	B gamma-Chl...	5.953	4.989	121.4E6	158.7E6	49.144	52.754
11)	B alpha-Chl...	6.030	5.052	119.7E6	156.1E6	48.585m	52.150
12)	B 4,4'-DDE	6.205	5.242	106.9E6	148.0E6	49.407	53.263
13)	MA Dieldrin	6.357	5.373	117.7E6	153.4E6	48.279	52.339
14)	MA Endrin	6.585	5.649	94565318	129.9E6	45.890m	49.541
15)	B Endosulfa...	6.806	5.944	104.9E6	134.5E6	47.673	53.736
16)	A 4,4'-DDD	6.721	5.797	93167810	120.6E6	51.883m	56.450
17)	MA 4,4'-DDT	7.036	6.047	91042966	118.9E6	49.448	51.407
18)	B Endrin al...	6.936	6.123	82889790	104.4E6	47.562	51.149
19)	B Endosulfa...	7.171	6.346	96237543	128.4E6	48.549	53.212
20)	A Methoxychlor	7.512	6.622	48546124	60828544	49.450	48.649
21)	B Endrin ke...	7.656	6.851	110.0E6	150.2E6	50.065	54.262
22)	Mirex	8.129	7.033	84077875	118.5E6	46.684	48.706

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092210.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 11:36
Operator : AR\AJ
Sample : PB163841BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163841BS

Manual Integrations

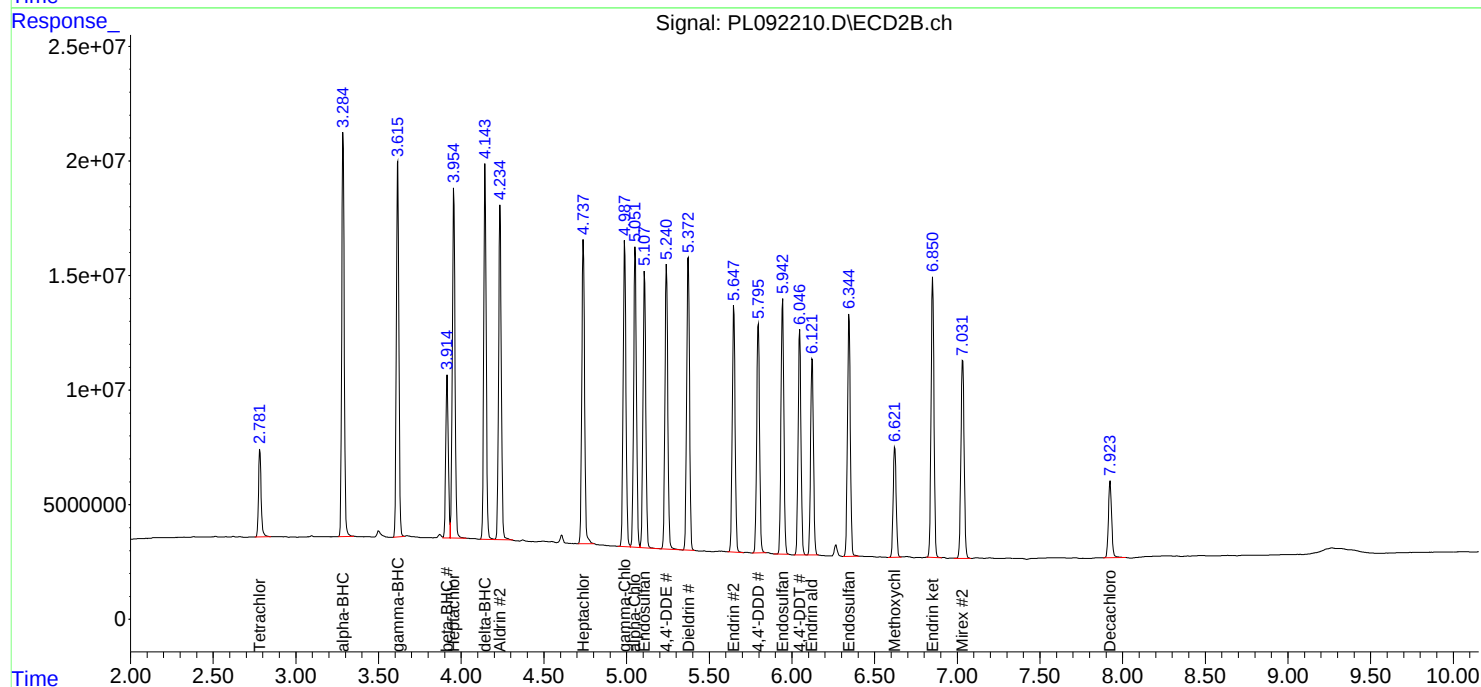
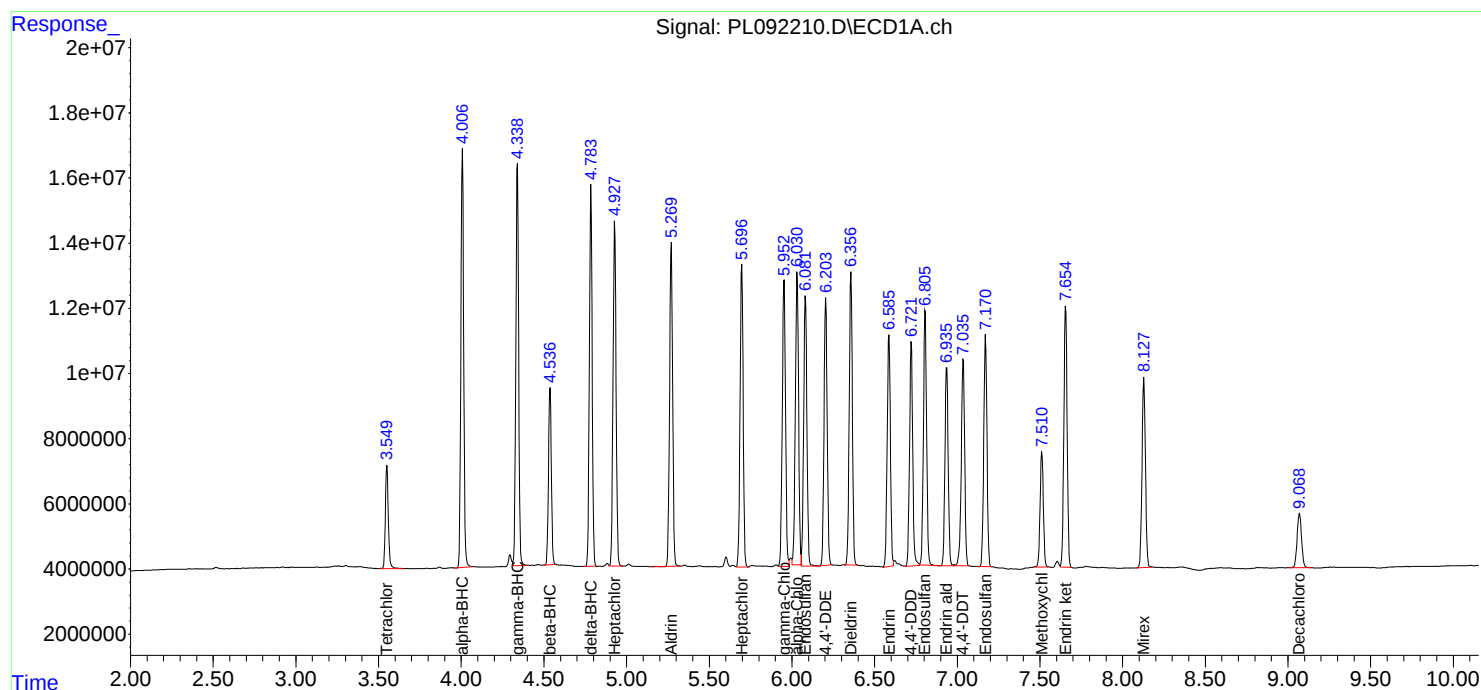
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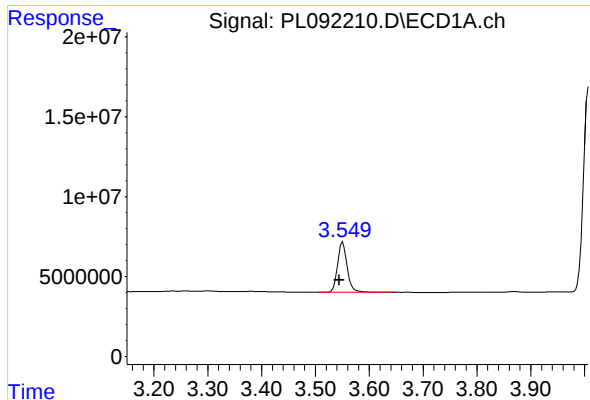
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Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:38:54 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





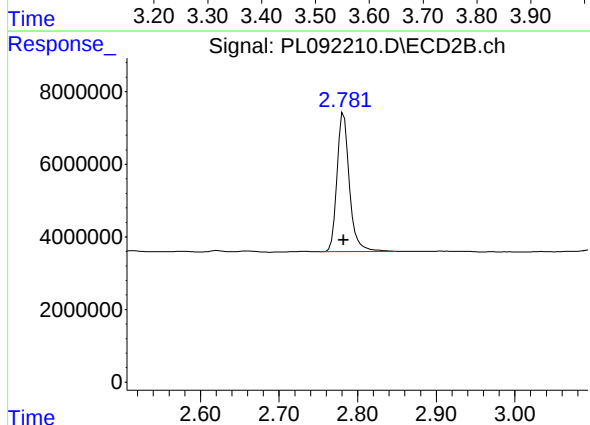
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.007 min
Response: 39030996
Conc: 17.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

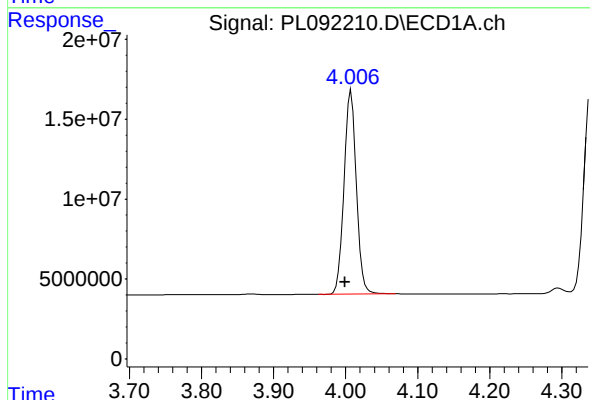
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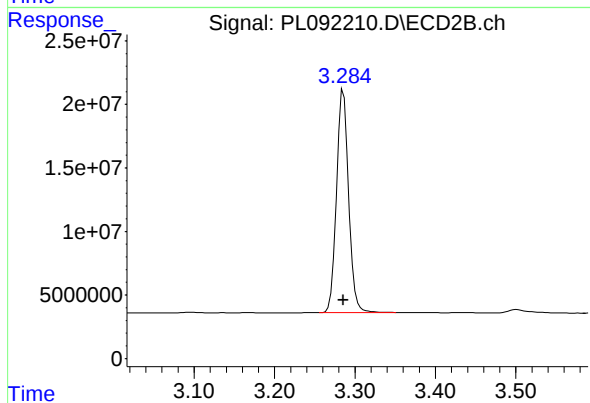
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 41886983
Conc: 16.70 ng/ml



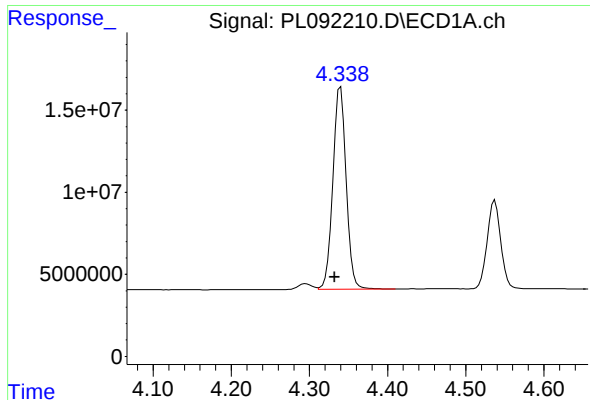
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.008 min
Response: 151186098
Conc: 48.82 ng/ml



#2 alpha-BHC

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 183862395
Conc: 50.47 ng/ml



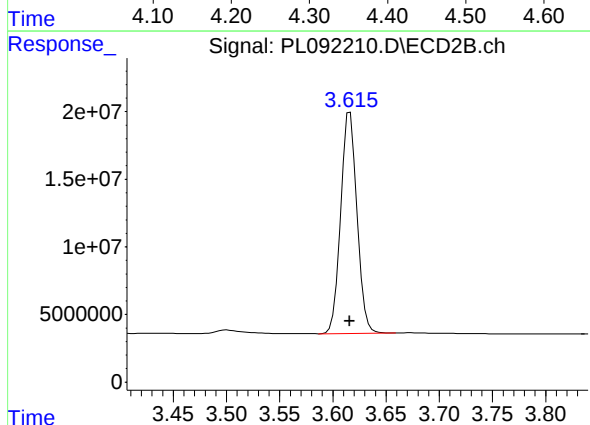
#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.008 min
Response: 144866086
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

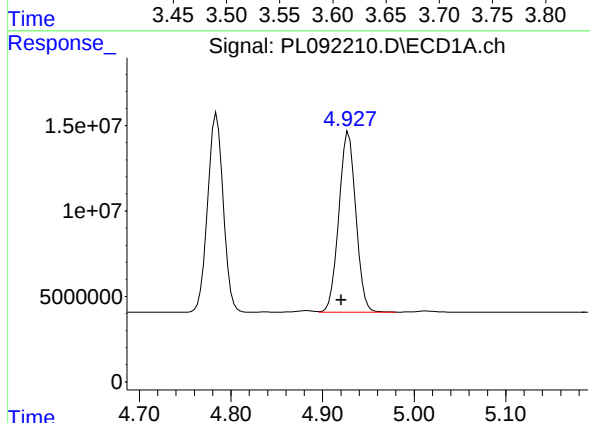
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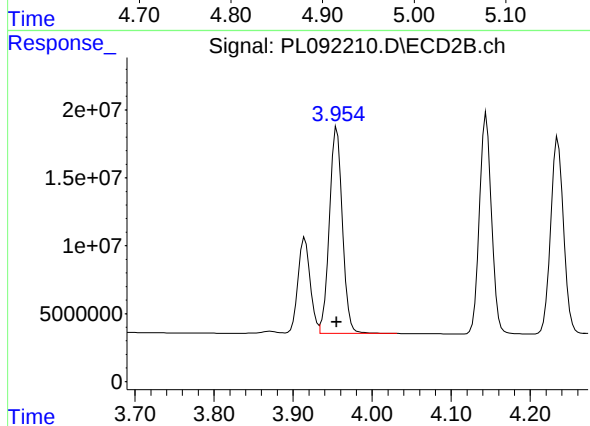
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 173622794
Conc: 49.17 ng/ml



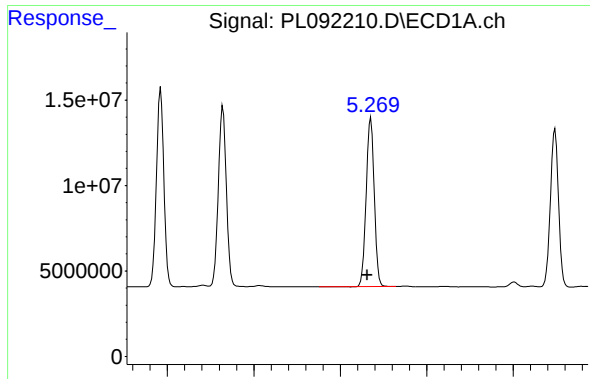
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.008 min
Response: 136093421
Conc: 49.21 ng/ml



#4 Heptachlor

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 174031974
Conc: 50.44 ng/ml



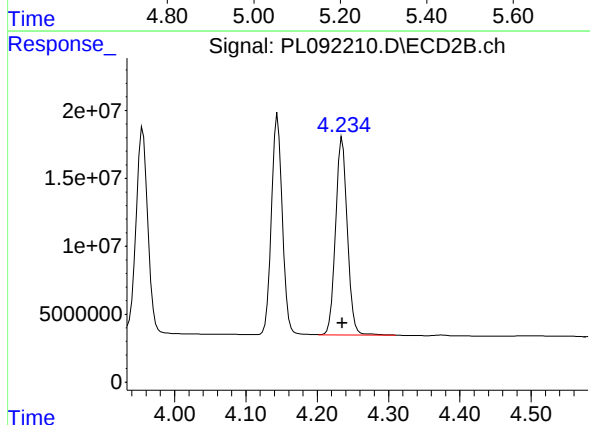
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.008 min
Response: 128456309
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

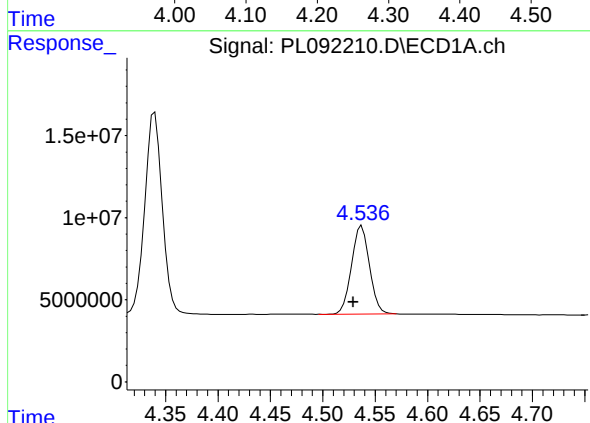
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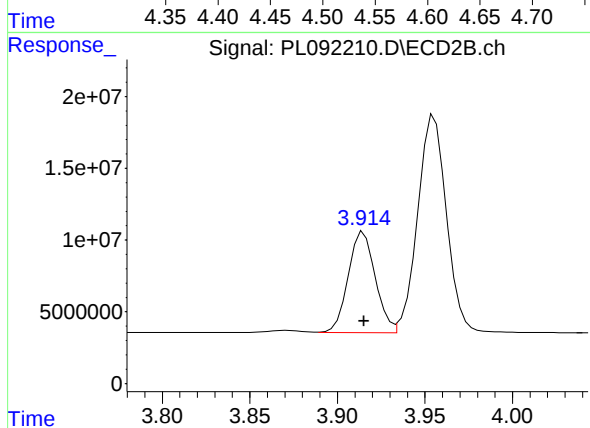
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 166763913
Conc: 49.03 ng/ml



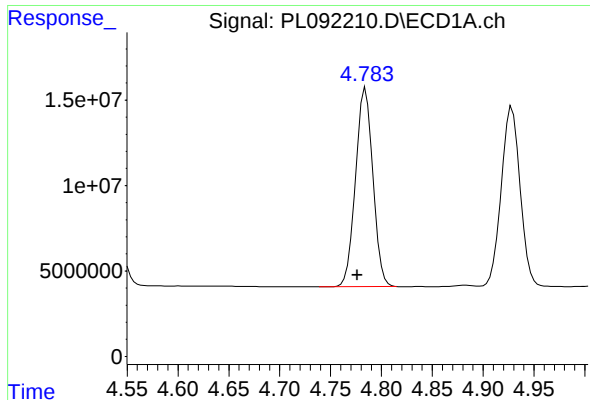
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.008 min
Response: 64611104
Conc: 48.71 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 75599620
Conc: 50.30 ng/ml



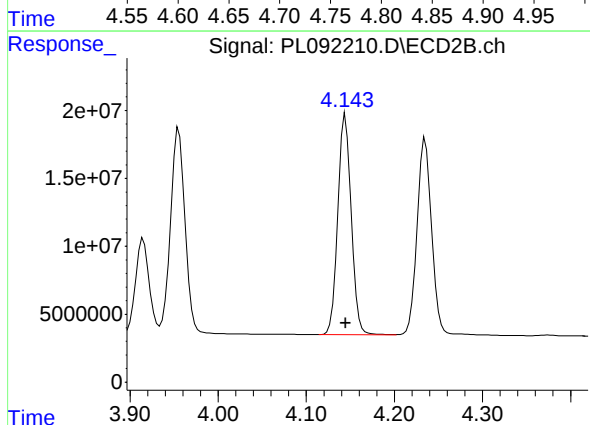
#7 delta-BHC

R.T.: 4.784 min
Delta R.T.: 0.008 min
Response: 138063306
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

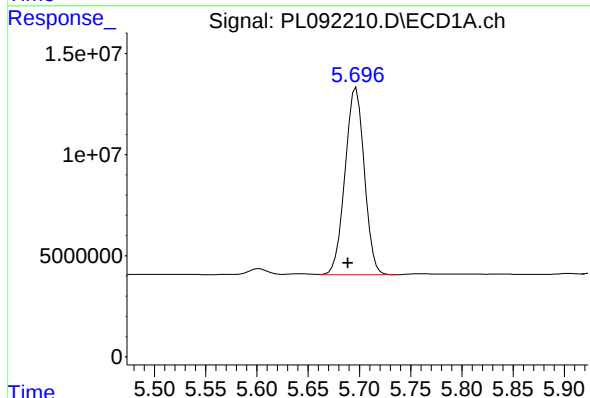
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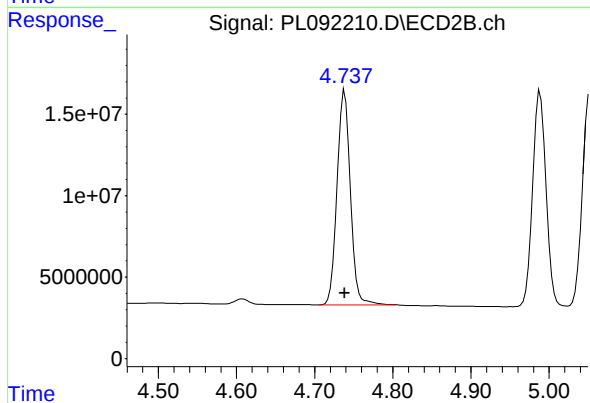
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 172055060
Conc: 49.56 ng/ml



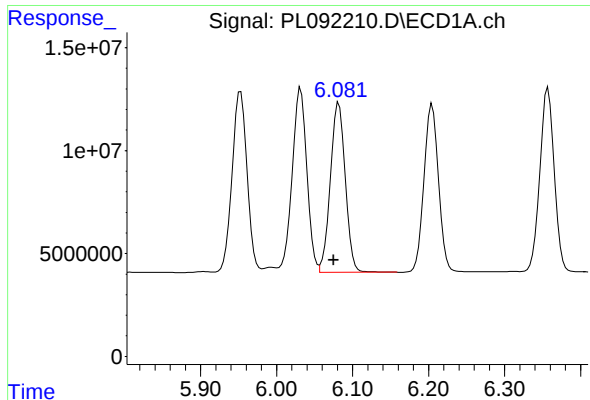
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.008 min
Response: 120802023
Conc: 47.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 156277725
Conc: 51.70 ng/ml



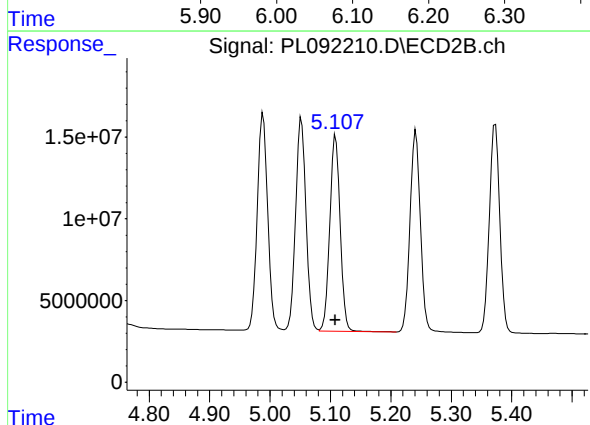
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.007 min
Response: 112317293
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

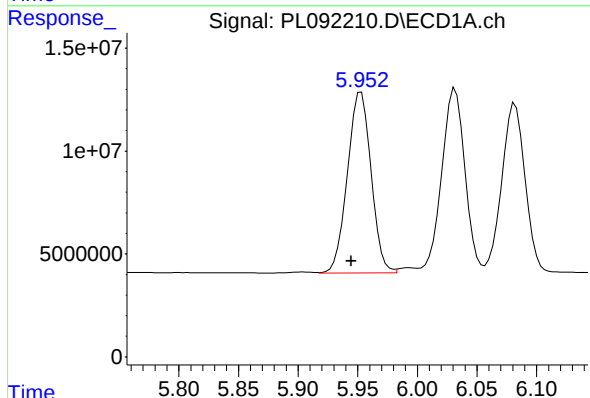
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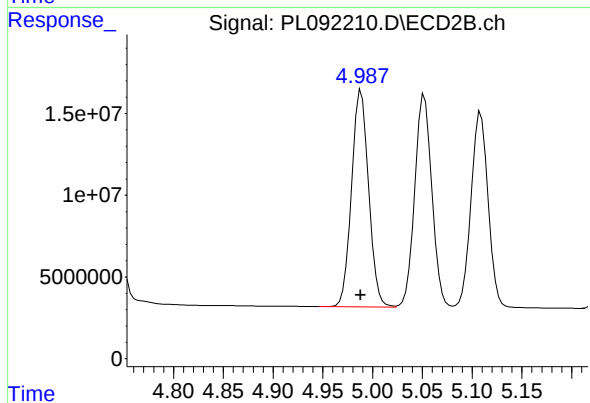
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 143014126
Conc: 52.11 ng/ml



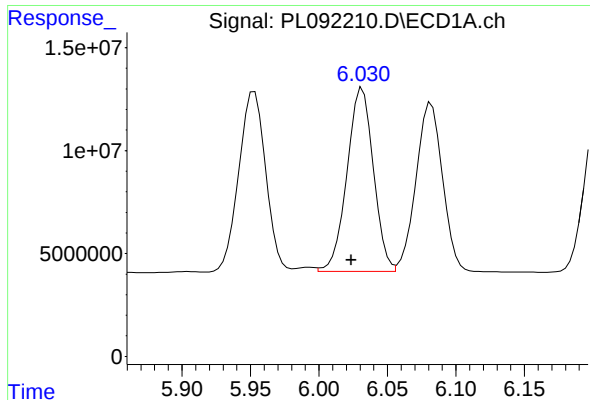
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.008 min
Response: 121444862
Conc: 49.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 158715376
Conc: 52.75 ng/ml



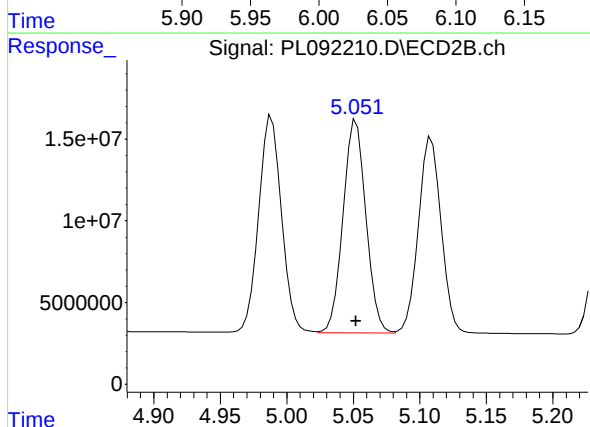
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.007 min
Response: 119682259
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

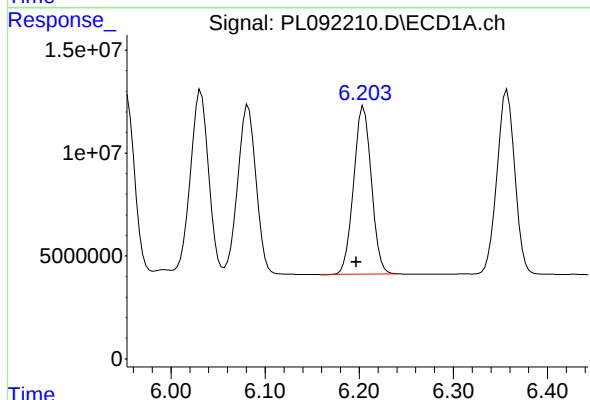
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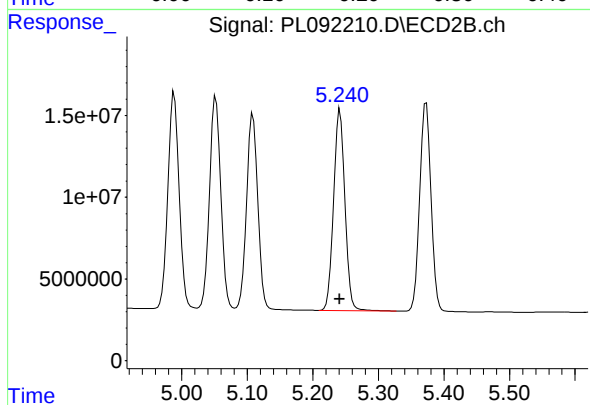
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 156113875
Conc: 52.15 ng/ml



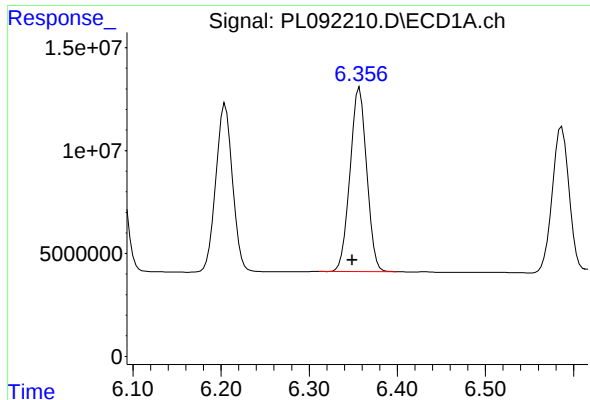
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.008 min
Response: 106938548
Conc: 49.41 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 148010139
Conc: 53.26 ng/ml



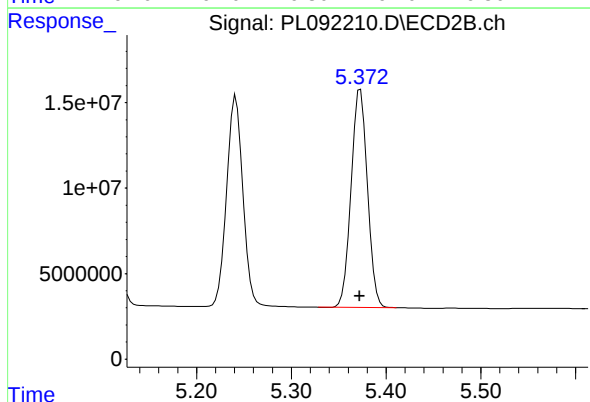
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.008 min
Response: 117745885
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

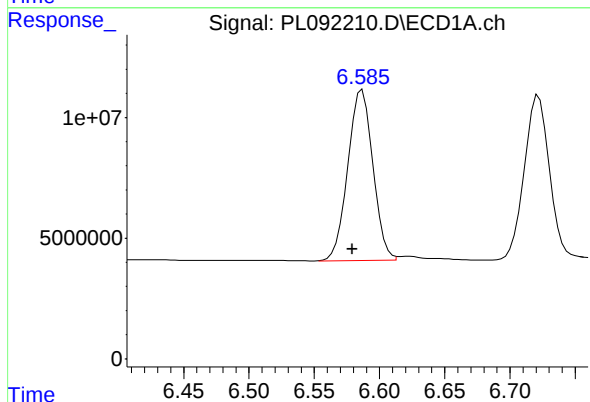
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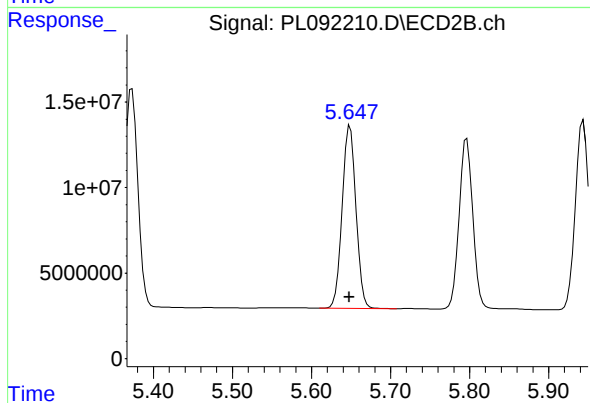
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 153448468
Conc: 52.34 ng/ml



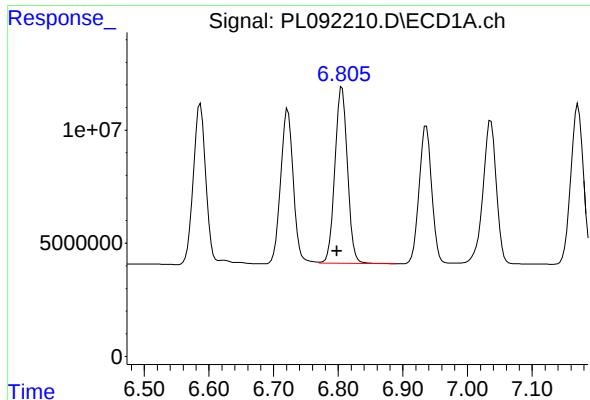
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.006 min
Response: 94565318
Conc: 45.89 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.001 min
Response: 129906675
Conc: 49.54 ng/ml



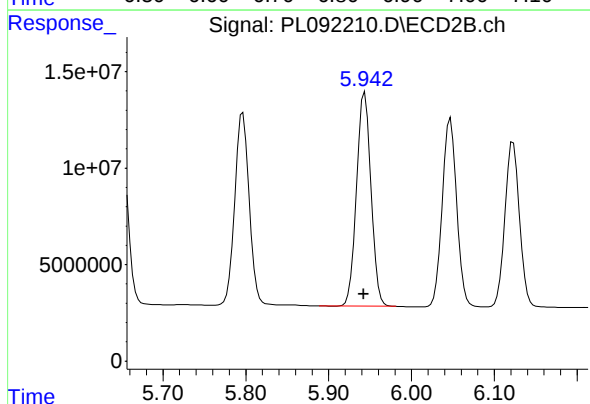
#15 Endosulfan II

R.T.: 6.806 min
Delta R.T.: 0.008 min
Response: 104868160
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

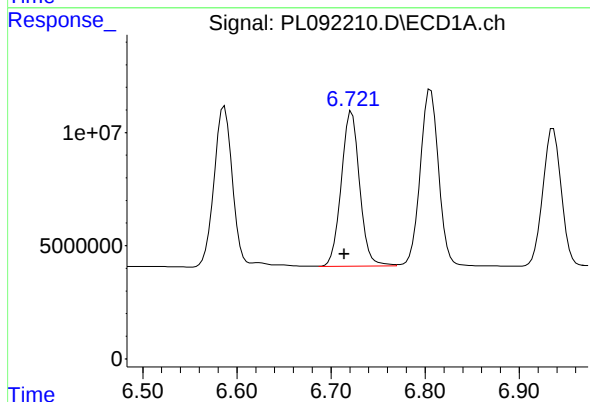
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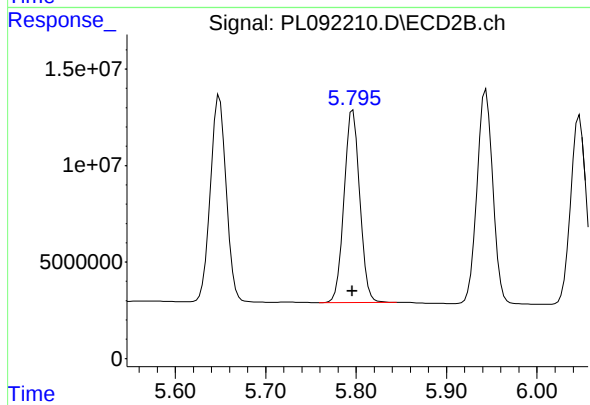
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: 0.002 min
Response: 134469318
Conc: 53.74 ng/ml



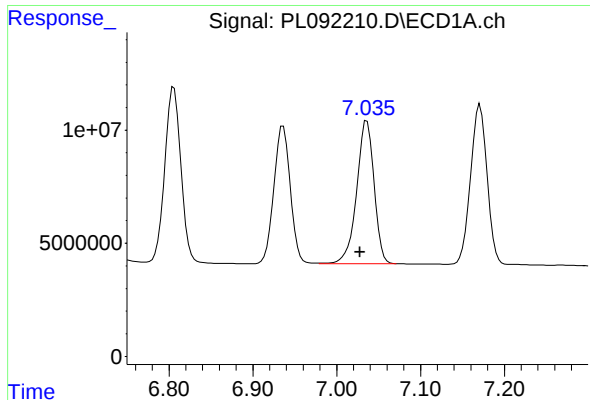
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.006 min
Response: 93167810
Conc: 51.88 ng/ml m



#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 120589188
Conc: 56.45 ng/ml



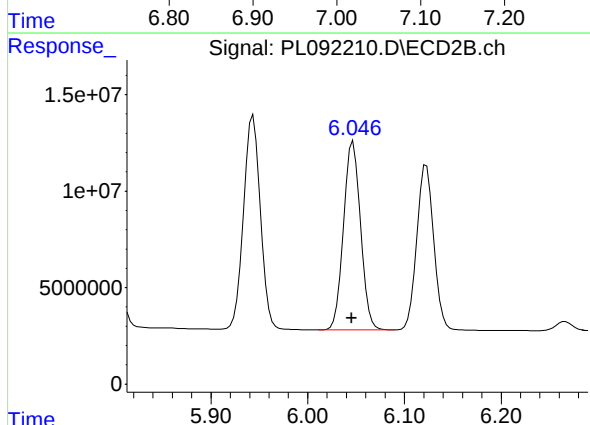
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: 0.008 min
Response: 91042966
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

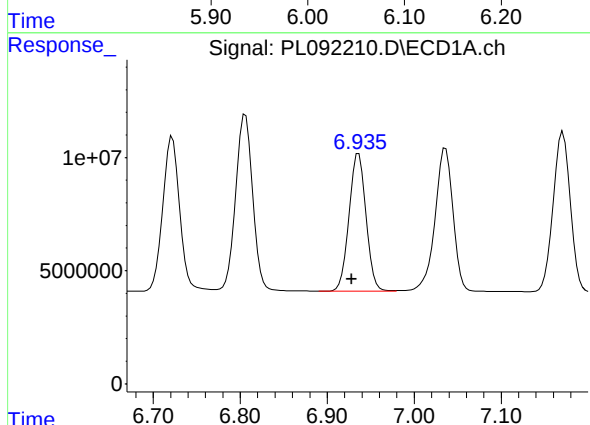
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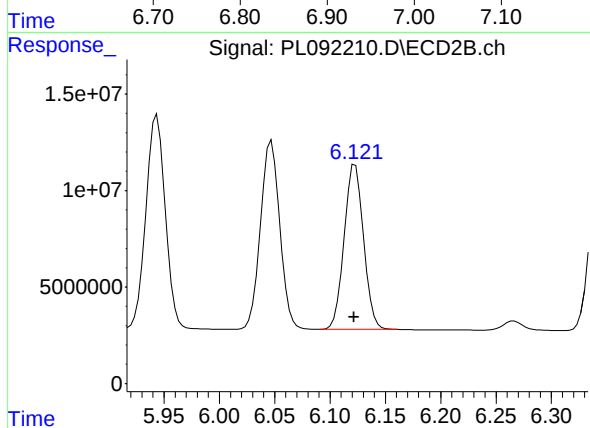
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.001 min
Response: 118913047
Conc: 51.41 ng/ml



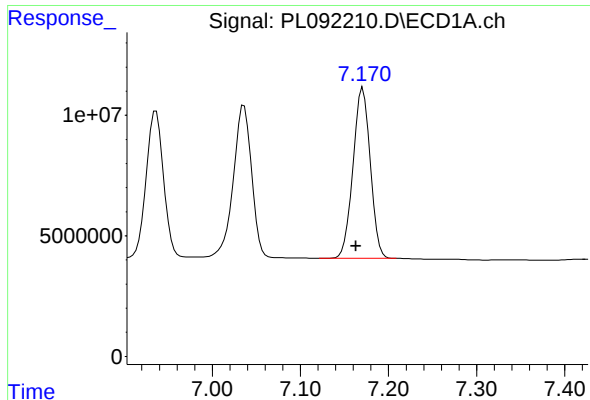
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.008 min
Response: 82889790
Conc: 47.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.001 min
Response: 104380793
Conc: 51.15 ng/ml



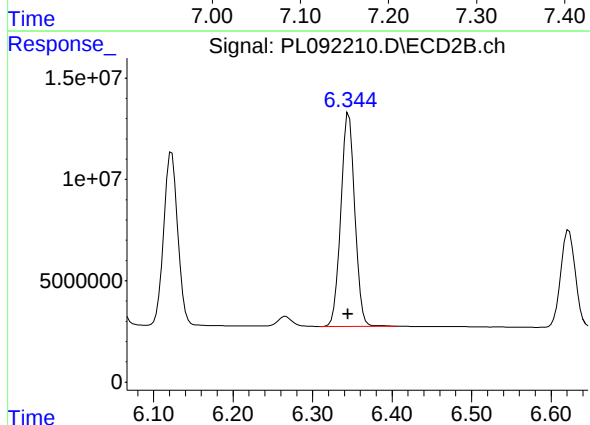
#19 Endosulfan Sulfate

R.T.: 7.171 min
Delta R.T.: 0.008 min
Response: 96237543
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

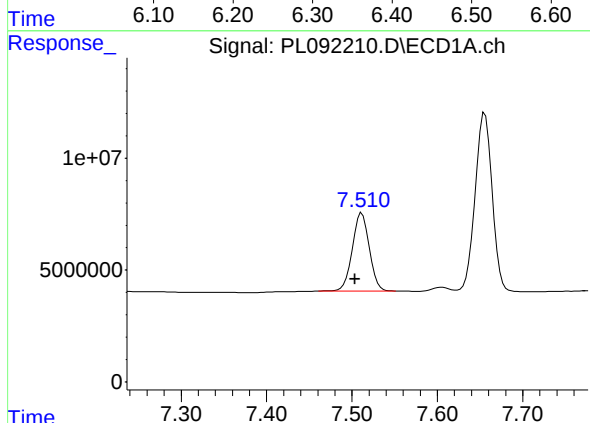
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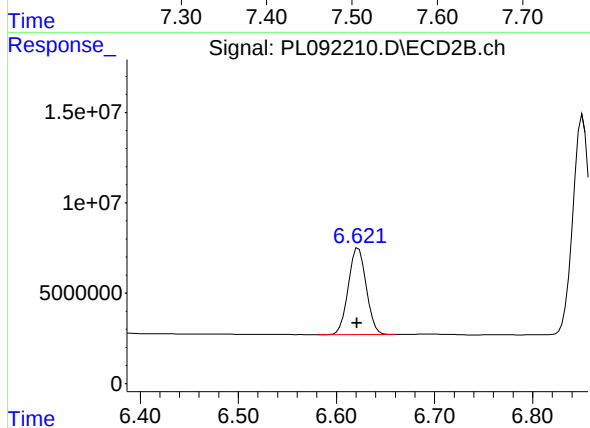
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: 0.001 min
Response: 128375130
Conc: 53.21 ng/ml



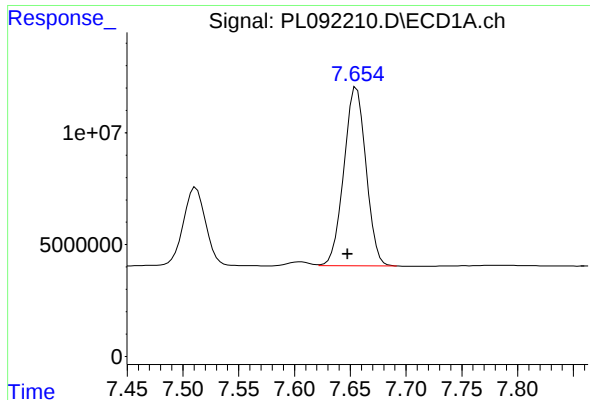
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: 0.008 min
Response: 48546124
Conc: 49.45 ng/ml



#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: 0.002 min
Response: 60828544
Conc: 48.65 ng/ml



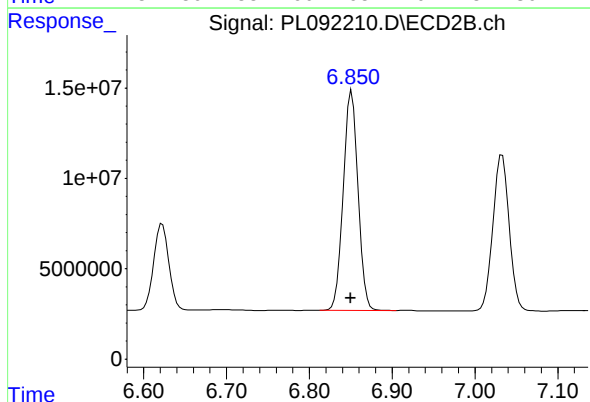
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: 0.008 min
Response: 110021229
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

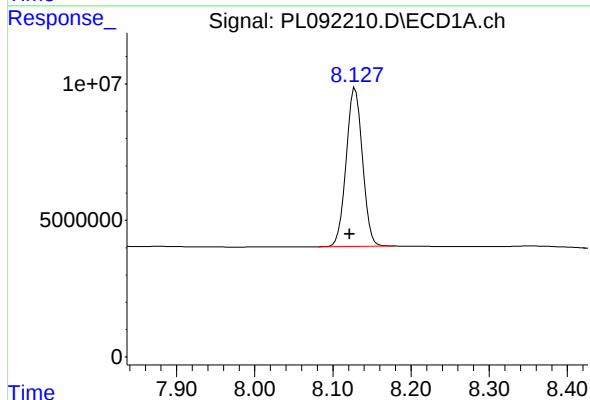
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



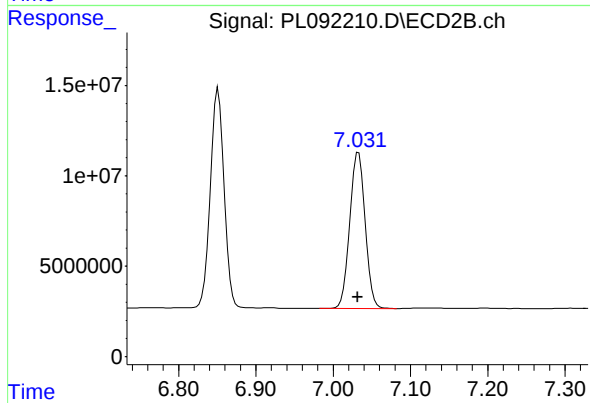
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: 0.001 min
Response: 150249763
Conc: 54.26 ng/ml



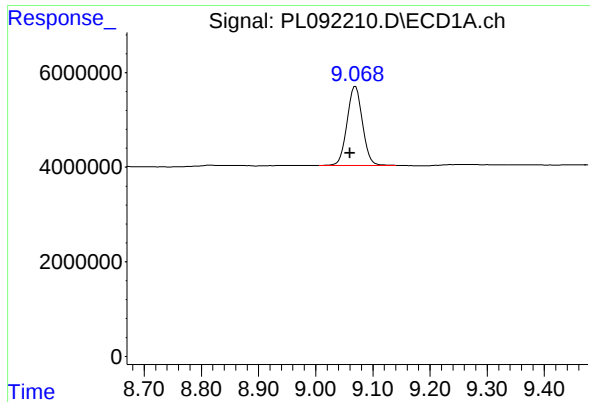
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.007 min
Response: 84077875
Conc: 46.68 ng/ml



#22 Mirex

R.T.: 7.033 min
Delta R.T.: 0.001 min
Response: 118485029
Conc: 48.71 ng/ml



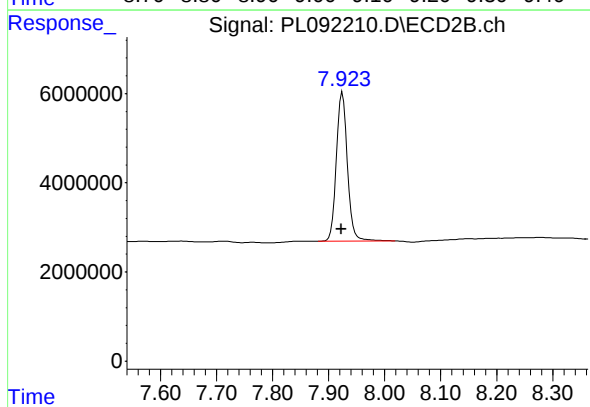
#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.009 min
Response: 31439200
Conc: 19.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: 0.002 min
Response: 45821105
Conc: 18.31 ng/ml