

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073458.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 10:51
 Operator : AR\AJ
 Sample : PB143411BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143411BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2022
 Supervised By :mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:46:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 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...	4.653	5.487	6303941	35716735	19.682	21.762
28)	SA Decachlor...	10.425	11.333	10693444	36141581	21.029	20.211
Target Compounds							
2)	A alpha-BHC	5.361	6.051	20638884	131.0E6	50.070	58.220
3)	MA gamma-BHC...	5.784	6.441	20631969	121.5E6	49.461	56.897
4)	MA Heptachlor	6.196	7.100	21955463	130.4E6	48.660	55.645
5)	MB Aldrin	6.521	7.468	21236675	124.8E6	51.399	59.570
6)	B beta-BHC	6.164	6.677	9893772	52161953	48.052	50.041
7)	B delta-BHC	6.426	6.945	20192448	118.0E6	50.274	54.794
8)	B Heptachlo...	7.097	7.925	21323528	113.0E6	49.477	56.558
9)	A Endosulfan I	7.500	8.326	20078450	101.0E6	48.946	55.327
10)	B gamma-Chl...	7.375	8.193	21693329	114.1E6	49.607	55.848
11)	B alpha-Chl...	7.445	8.276	21952549	112.3E6	49.674	56.133
12)	B 4,4'-DDE	7.659	8.461	18045206	103.2E6	50.288	57.560
13)	MA Dieldrin	7.787	8.611	21807888	108.2E6	52.344	58.637
14)	MA Endrin	8.078	8.845	20457611	88407669	52.725	57.429
15)	B Endosulfa...	8.388	9.069	20768437	89225019	53.133	58.095
16)	A 4,4'-DDD	8.244	8.989	16400369	80771486	50.503	55.334
17)	MA 4,4'-DDT	8.505	9.307	18650679	87502571	49.317	53.534
18)	B Endrin al...	8.577	9.201	17173410	72390874	54.304	59.031m
19)	B Endosulfa...	8.807	9.440	21108807	85872740	49.971	54.485
20)	A Methoxychlor	9.101	9.787	12416783	47121161	48.402	52.294
21)	B Endrin ke...	9.326	9.928	25343827	89191460	51.804	54.036
22)	Mirex	9.515	10.405	25480052	80280188	54.033	59.097

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073458.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 10:51
 Operator : AR\AJ
 Sample : PB143411BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

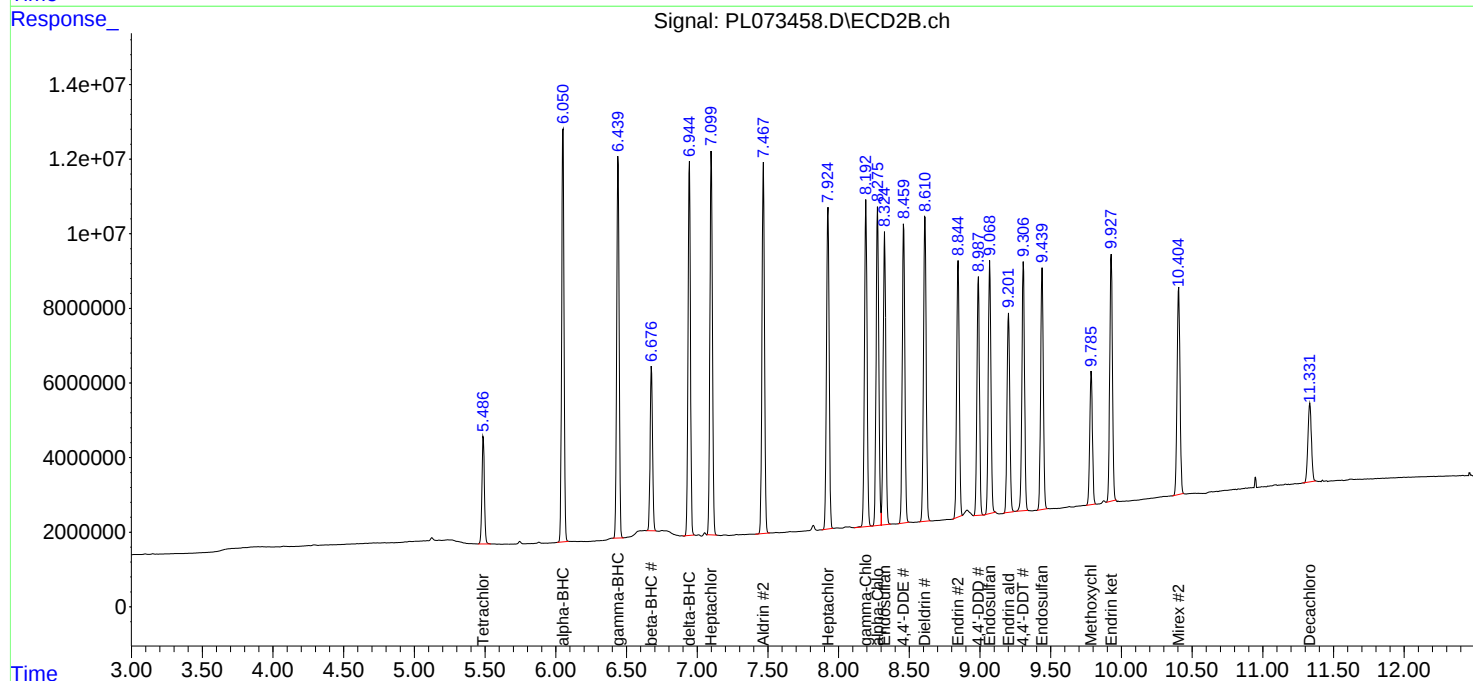
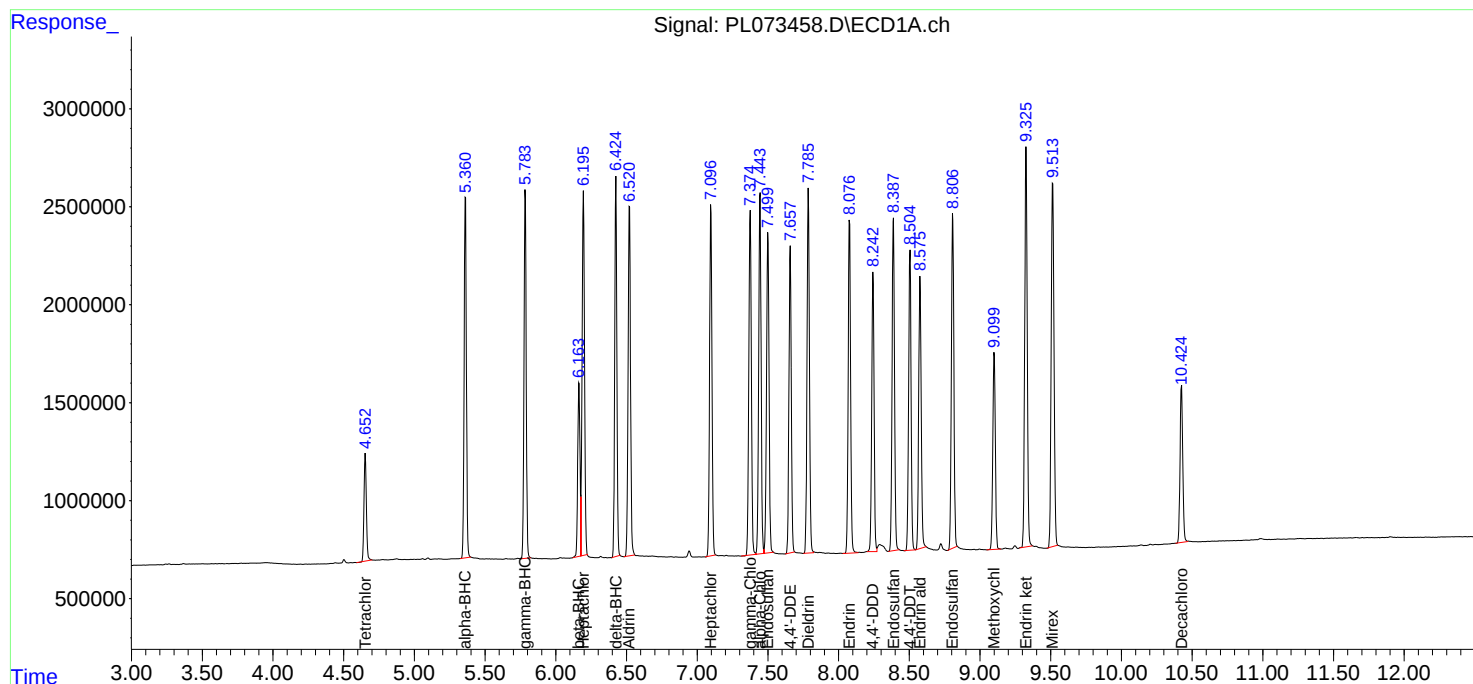
Instrument :
 ECD_L
 ClientSampleId :
 PB143411BS

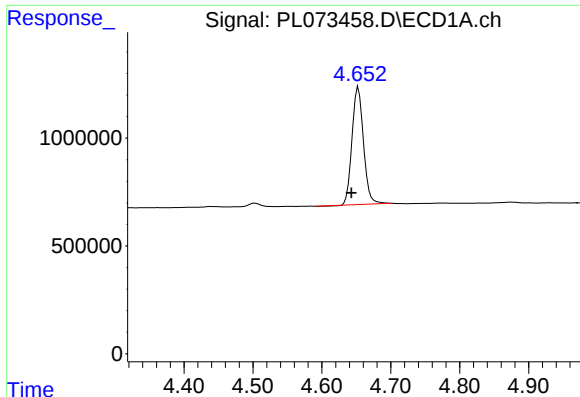
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:46:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 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





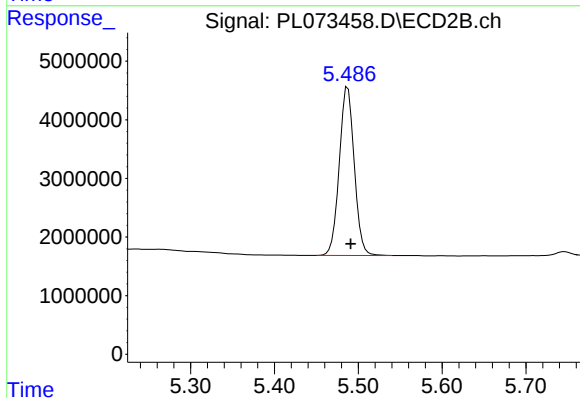
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: 0.010 min
Response: 6303941
Conc: 19.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

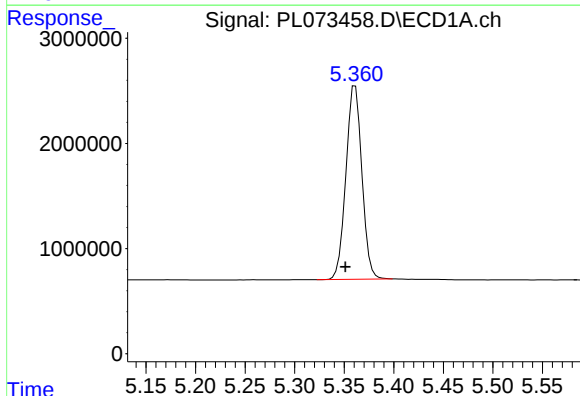
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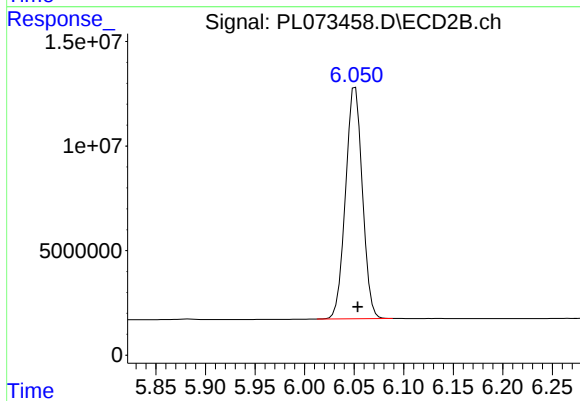
#1 Tetrachloro-m-xylene

R.T.: 5.487 min
Delta R.T.: -0.004 min
Response: 35716735
Conc: 21.76 ng/ml



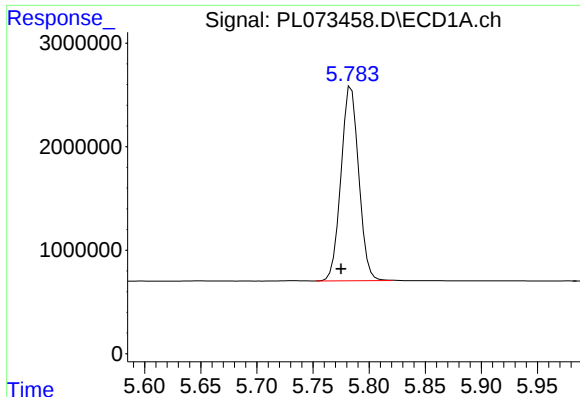
#2 alpha-BHC

R.T.: 5.361 min
Delta R.T.: 0.010 min
Response: 20638884
Conc: 50.07 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 130974996
Conc: 58.22 ng/ml



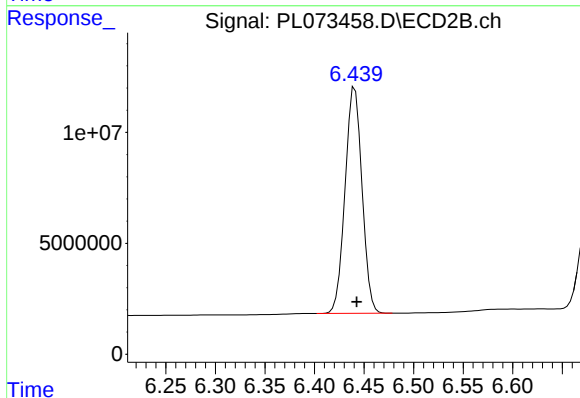
#3 gamma-BHC (Lindane)

R.T.: 5.784 min
Delta R.T.: 0.009 min
Response: 20631969
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

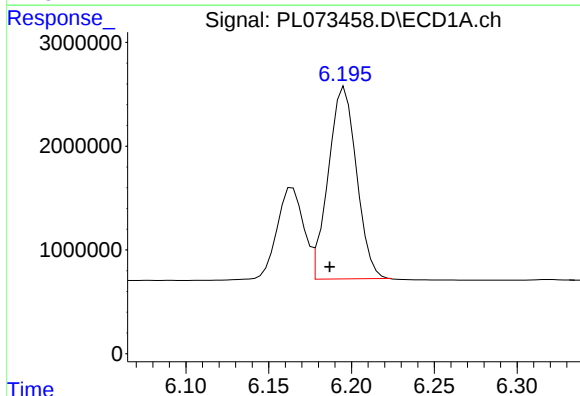
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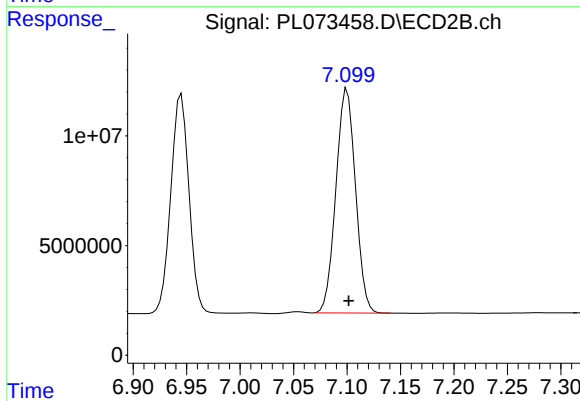
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 121479272
Conc: 56.90 ng/ml



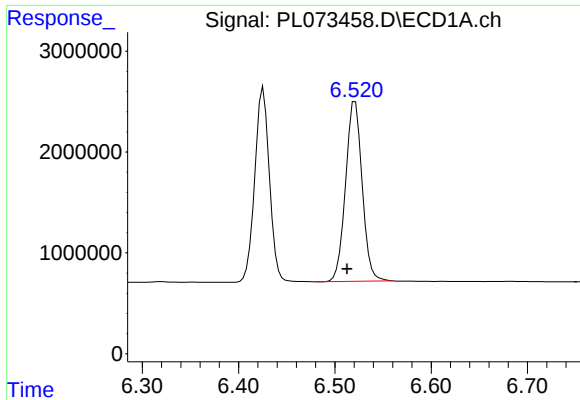
#4 Heptachlor

R.T.: 6.196 min
Delta R.T.: 0.009 min
Response: 21955463
Conc: 48.66 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.001 min
Response: 130382377
Conc: 55.65 ng/ml



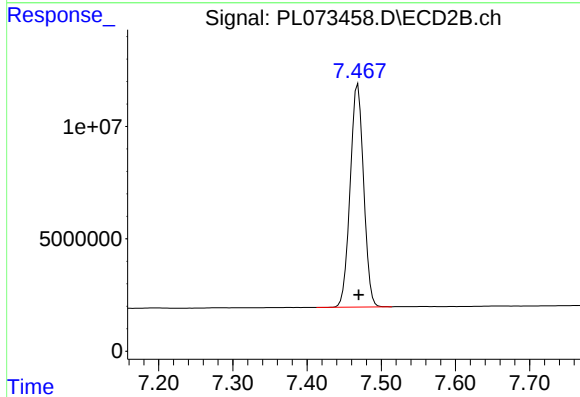
#5 Aldrin

R.T.: 6.521 min
Delta R.T.: 0.008 min
Response: 21236675
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

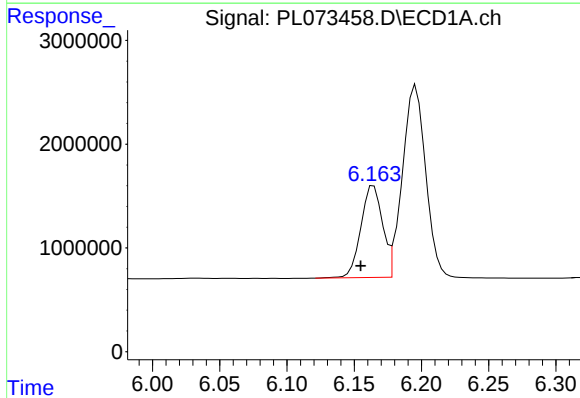
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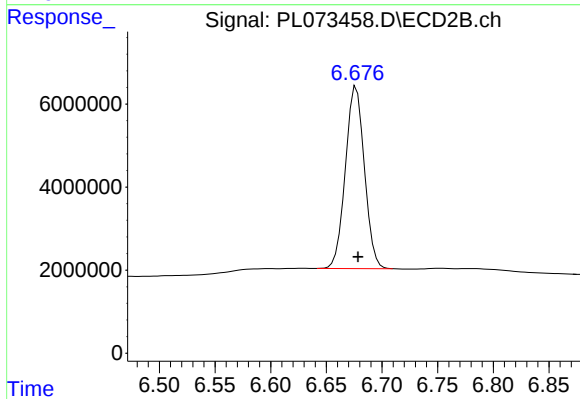
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.001 min
Response: 124798575
Conc: 59.57 ng/ml



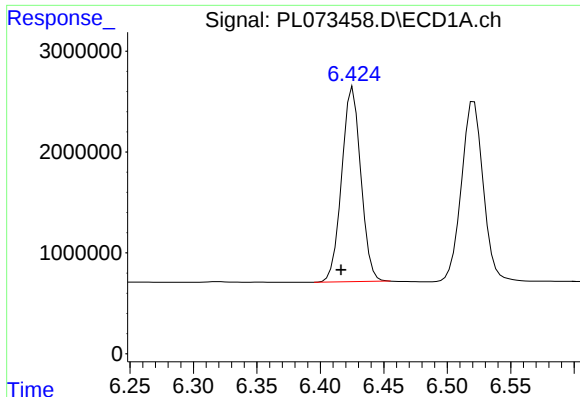
#6 beta-BHC

R.T.: 6.164 min
Delta R.T.: 0.010 min
Response: 9893772
Conc: 48.05 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 52161953
Conc: 50.04 ng/ml



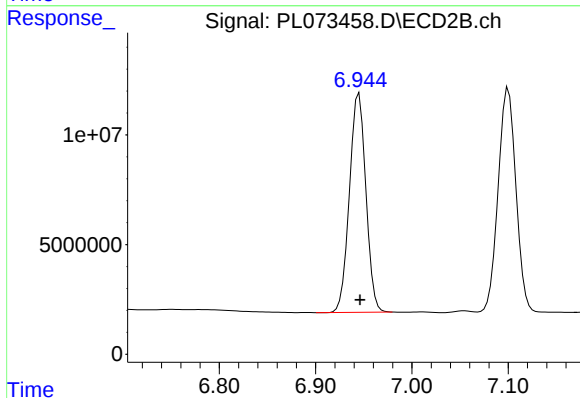
#7 delta-BHC

R.T.: 6.426 min
Delta R.T.: 0.009 min
Response: 20192448
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

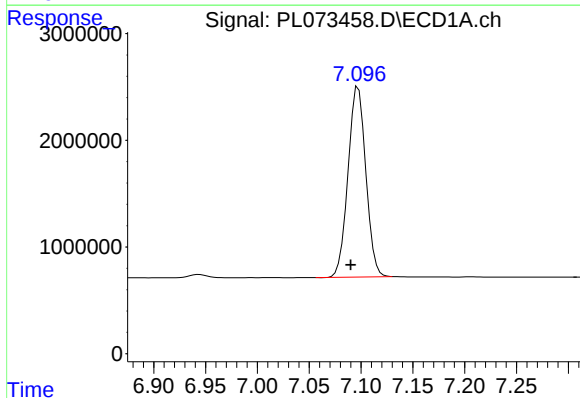
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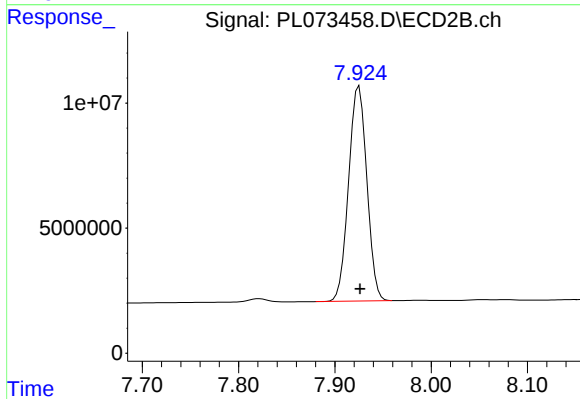
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.001 min
Response: 118001821
Conc: 54.79 ng/ml



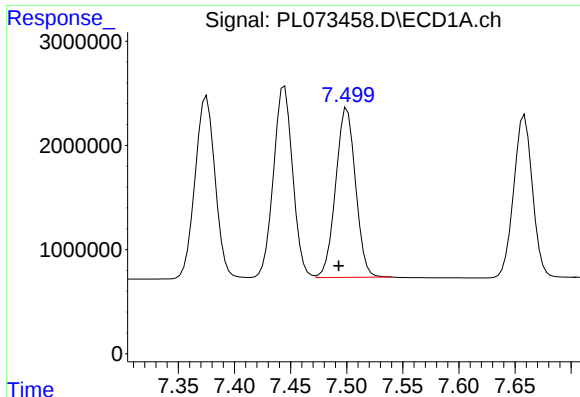
#8 Heptachlor epoxide

R.T.: 7.097 min
Delta R.T.: 0.007 min
Response: 21323528
Conc: 49.48 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 112964562
Conc: 56.56 ng/ml



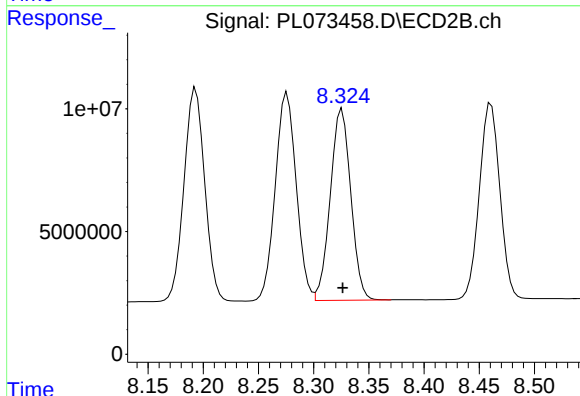
#9 Endosulfan I

R.T.: 7.500 min
Delta R.T.: 0.007 min
Response: 20078450
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

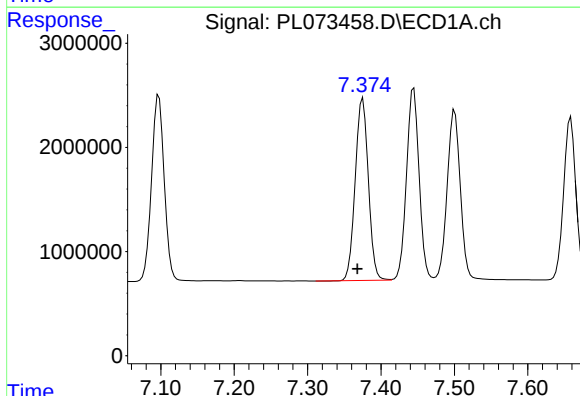
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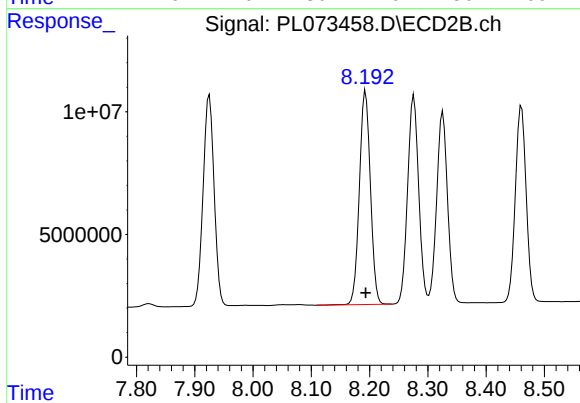
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 100993233
Conc: 55.33 ng/ml



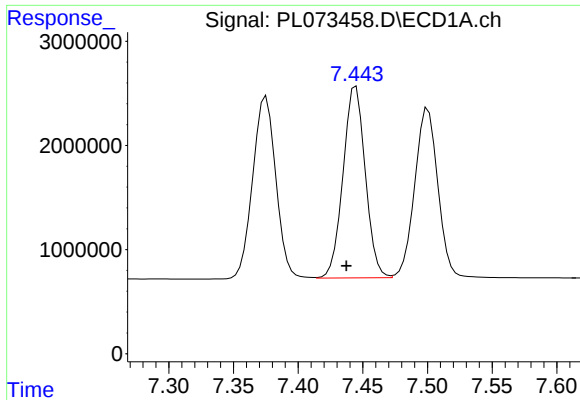
#10 gamma-Chlordane

R.T.: 7.375 min
Delta R.T.: 0.008 min
Response: 21693329
Conc: 49.61 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 114065229
Conc: 55.85 ng/ml



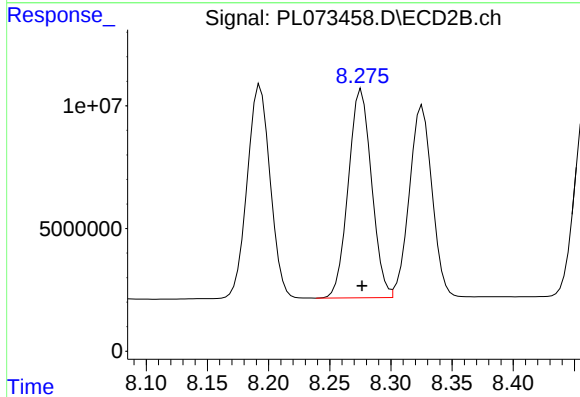
#11 alpha-Chlordane

R.T.: 7.445 min
Delta R.T.: 0.007 min
Response: 21952549
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

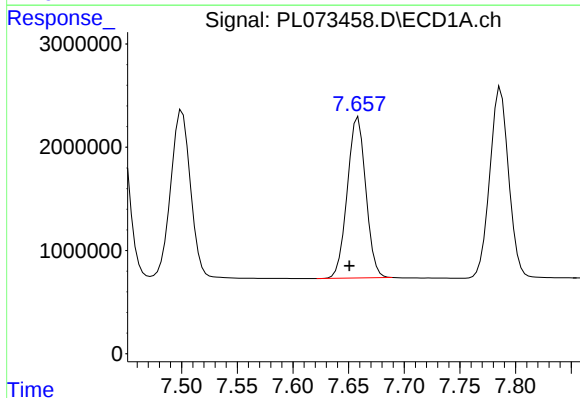
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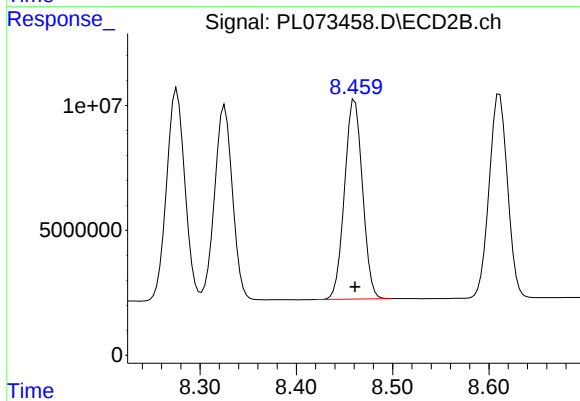
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 112266076
Conc: 56.13 ng/ml



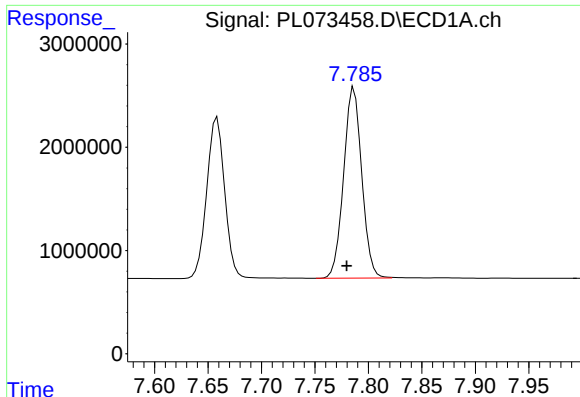
#12 4,4'-DDE

R.T.: 7.659 min
Delta R.T.: 0.008 min
Response: 18045206
Conc: 50.29 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 103169884
Conc: 57.56 ng/ml



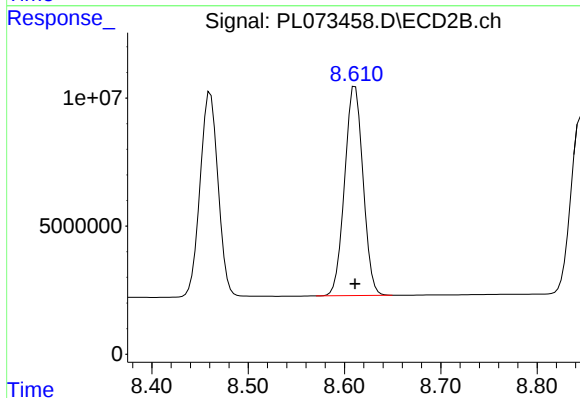
#13 Dieldrin

R.T.: 7.787 min
Delta R.T.: 0.007 min
Response: 21807888
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

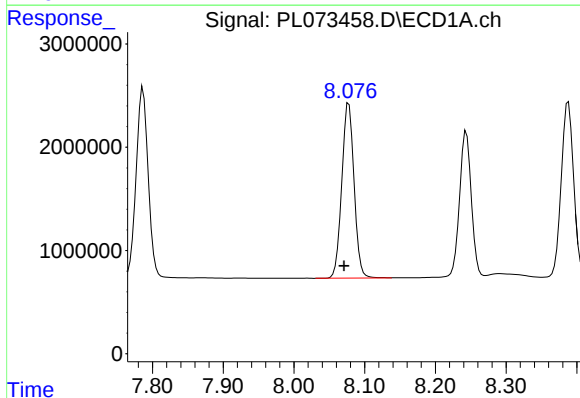
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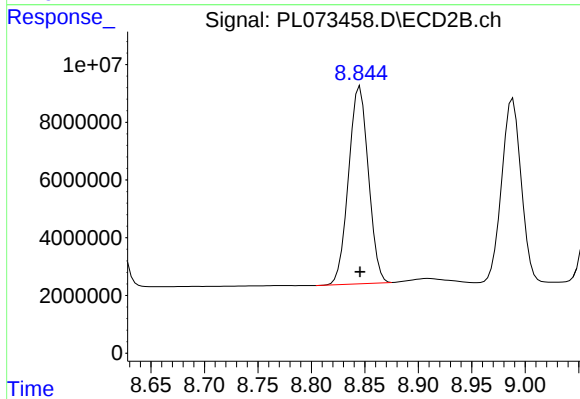
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 108168937
Conc: 58.64 ng/ml



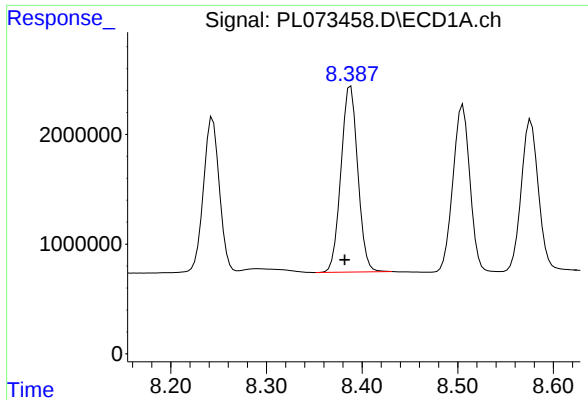
#14 Endrin

R.T.: 8.078 min
Delta R.T.: 0.007 min
Response: 20457611
Conc: 52.73 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 88407669
Conc: 57.43 ng/ml



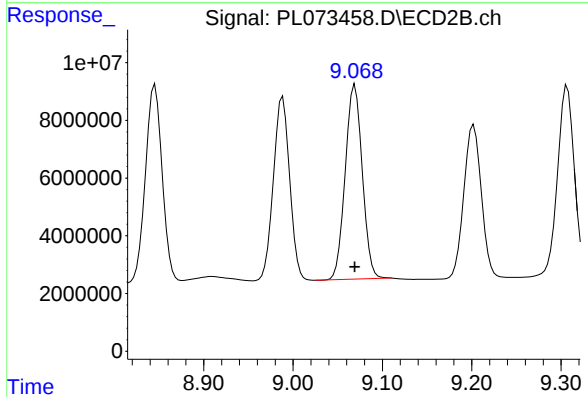
#15 Endosulfan II

R.T.: 8.388 min
Delta R.T.: 0.006 min
Response: 20768437
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

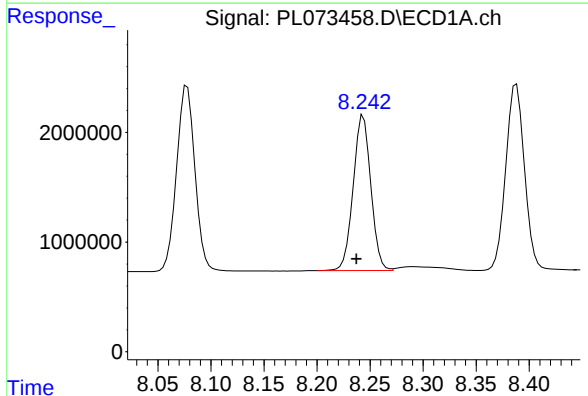
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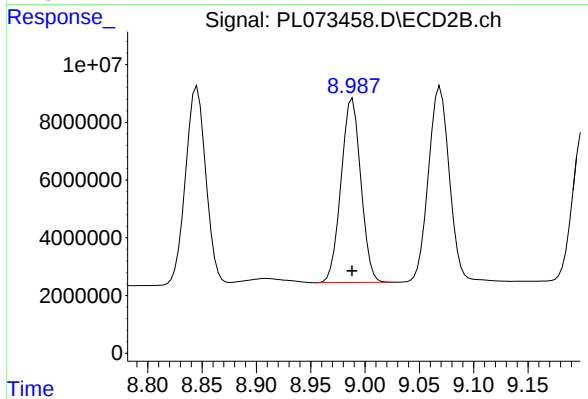
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 89225019
Conc: 58.10 ng/ml



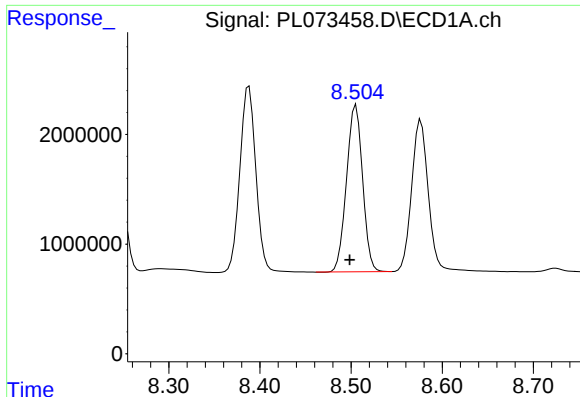
#16 4,4'-DDD

R.T.: 8.244 min
Delta R.T.: 0.007 min
Response: 16400369
Conc: 50.50 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 80771486
Conc: 55.33 ng/ml



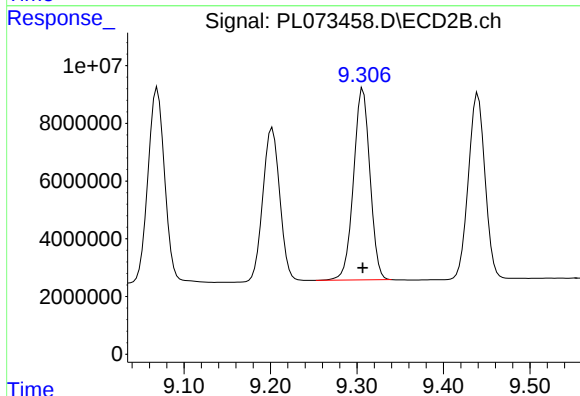
#17 4,4'-DDT

R.T.: 8.505 min
Delta R.T.: 0.007 min
Response: 18650679
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

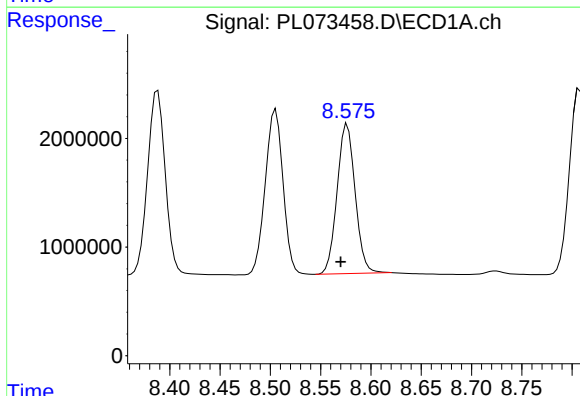
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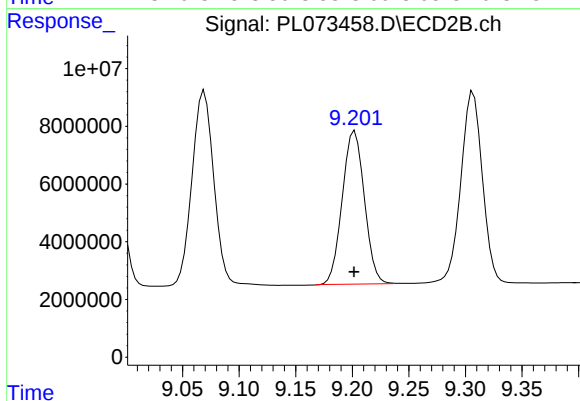
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 87502571
Conc: 53.53 ng/ml



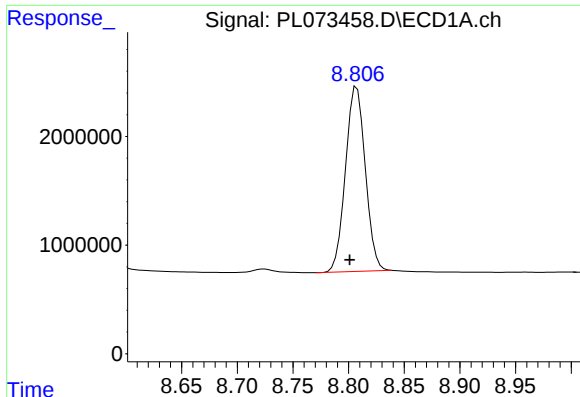
#18 Endrin aldehyde

R.T.: 8.577 min
Delta R.T.: 0.007 min
Response: 17173410
Conc: 54.30 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 72390874
Conc: 59.03 ng/ml m



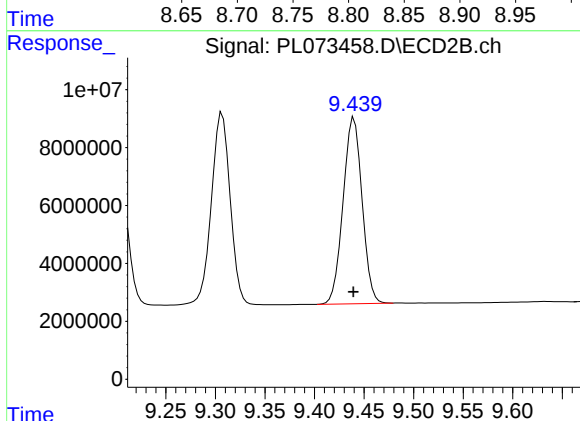
#19 Endosulfan Sulfate

R.T.: 8.807 min
Delta R.T.: 0.006 min
Response: 21108807
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

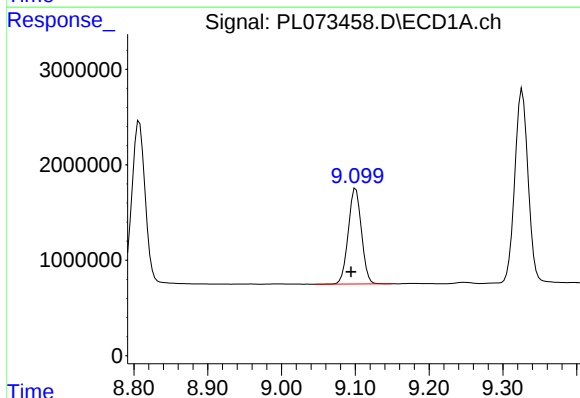
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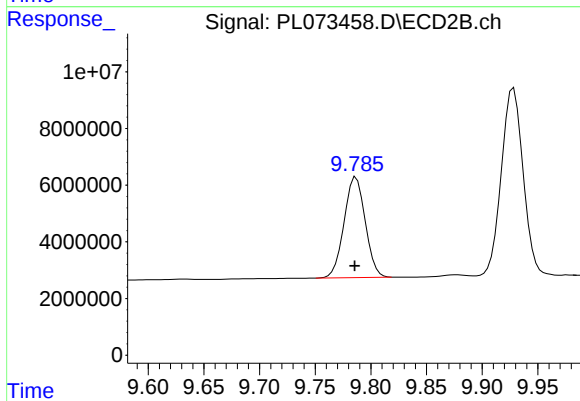
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 85872740
Conc: 54.49 ng/ml



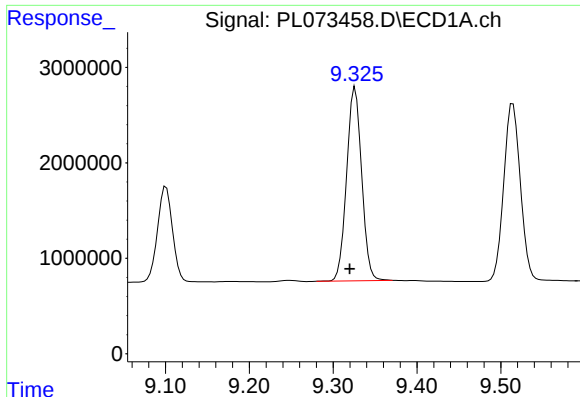
#20 Methoxychlor

R.T.: 9.101 min
Delta R.T.: 0.006 min
Response: 12416783
Conc: 48.40 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 47121161
Conc: 52.29 ng/ml



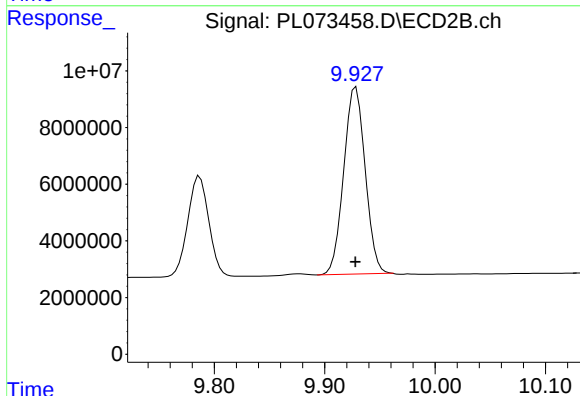
#21 Endrin ketone

R.T.: 9.326 min
Delta R.T.: 0.006 min
Response: 25343827
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

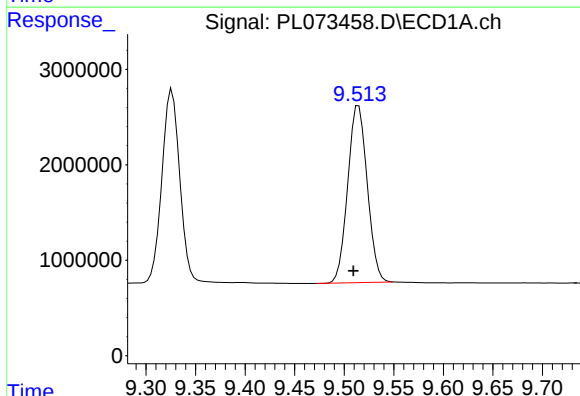
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Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



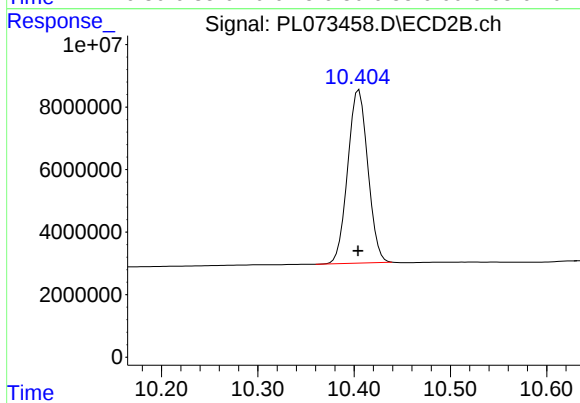
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 89191460
Conc: 54.04 ng/ml



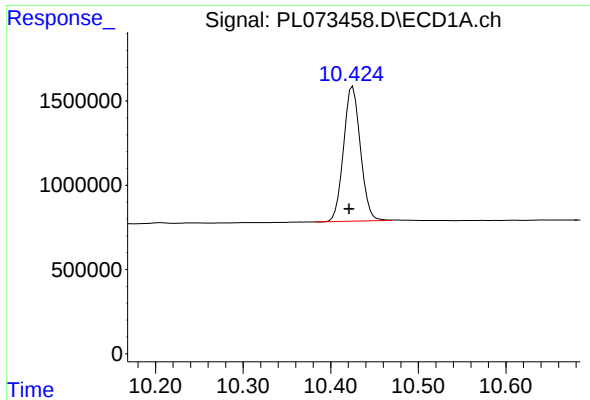
#22 Mirex

R.T.: 9.515 min
Delta R.T.: 0.005 min
Response: 25480052
Conc: 54.03 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 80280188
Conc: 59.10 ng/ml



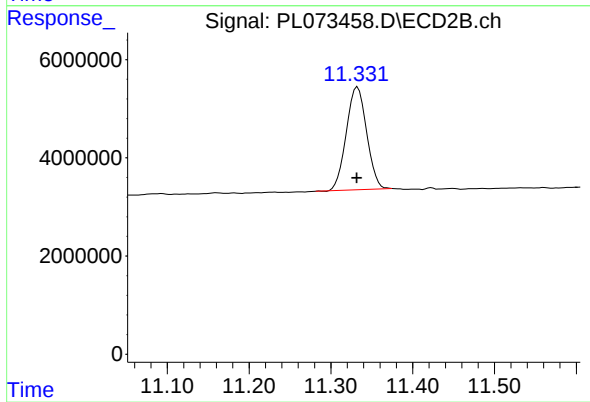
#28 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.004 min
Response: 10693444
Conc: 21.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143411BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.001 min
Response: 36141581
Conc: 20.21 ng/ml