

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 17:04
 Operator : AR\AJ
 Sample : PB143543BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143543BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2022
 Supervised By : mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:30:43 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...	4.640	5.491	6585184	34289321	20.560	20.892
28)	SA Decachlor...	10.415	11.331	11208424	38379834	22.042	21.463
Target Compounds							
2)	A alpha-BHC	5.349	6.054	21109122	124.1E6	51.211	55.154
3)	MA gamma-BHC...	5.772	6.443	21101503	116.1E6	50.587	54.393
4)	MA Heptachlor	6.184	7.102	23038207	124.4E6	51.060	53.097
5)	MB Aldrin	6.509	7.470	21691485	116.5E6	52.500	55.618
6)	B beta-BHC	6.153	6.679	10323785	51154664	50.141	49.075
7)	B delta-BHC	6.415	6.947	21114304	115.0E6	52.569	53.418
8)	B Heptachlo...	7.086	7.926	22103967	107.5E6	51.288	53.835
9)	A Endosulfan I	7.490	8.326	20816027	94799998	50.744	51.934
10)	B gamma-Chl...	7.364	8.194	22599839	108.8E6	51.680	53.285
11)	B alpha-Chl...	7.434	8.276	22767977	105.5E6	51.519	52.769
12)	B 4,4'-DDE	7.648	8.461	18653761	96373421	51.984	53.769
13)	MA Dieldrin	7.776	8.611	22270554	101.0E6	53.455	54.765
14)	MA Endrin	8.067	8.846	22041418	86295362	56.807	56.057
15)	B Endosulfa...	8.378	9.069	21791262	85494191	55.750	55.666
16)	A 4,4'-DDD	8.234	8.988	16779057	76878170	51.669	52.667
17)	MA 4,4'-DDT	8.495	9.307	19734190	83255397	52.182	50.935
18)	B Endrin al...	8.567	9.200	18077957	69575604	57.164	56.736m
19)	B Endosulfa...	8.796	9.439	22341099	81840501	52.888m	51.927
20)	A Methoxychlor	9.090	9.786	13529286	46054398	52.739	51.111
21)	B Endrin ke...	9.316	9.928	25669893	85034412	52.471	51.518
22)	Mirex	9.504	10.405	26419996	76977317	56.027	56.665

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073232\
 Data File : PL073612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 17:04
 Operator : AR\AJ
 Sample : PB143543BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

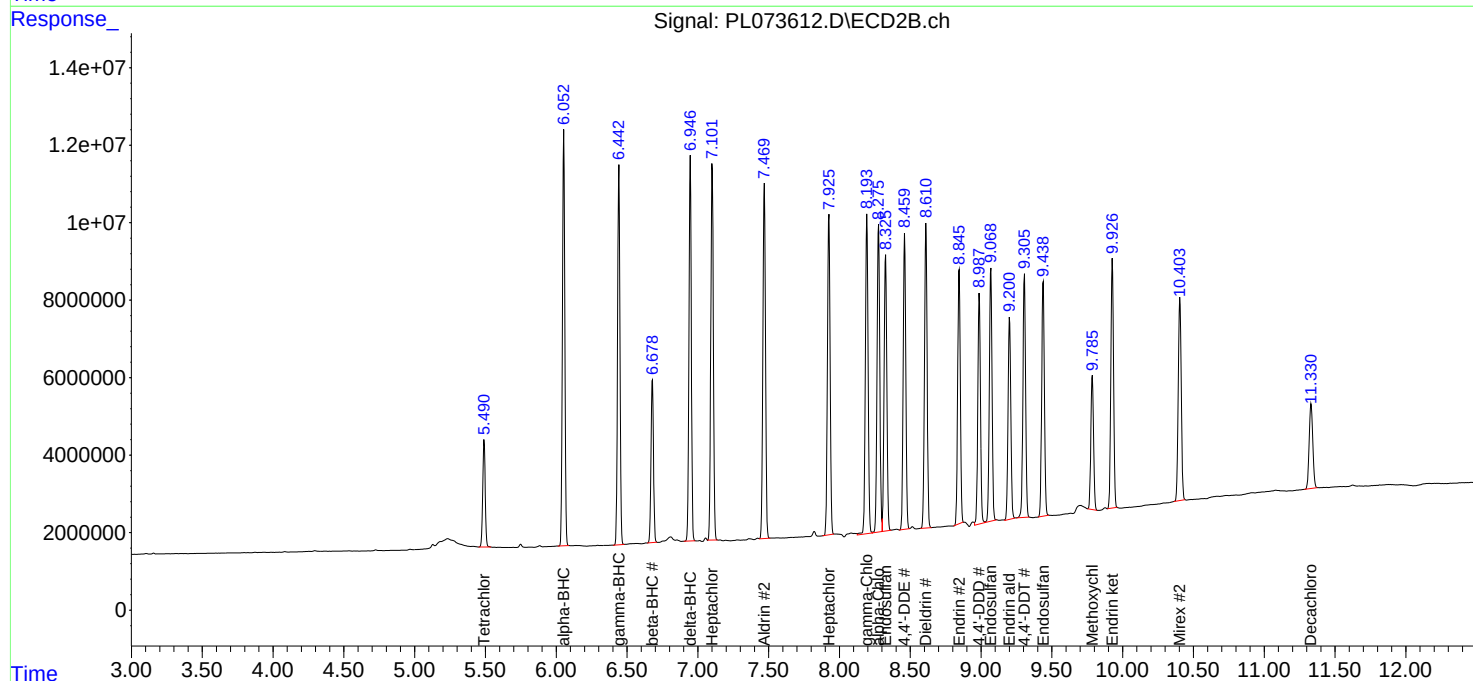
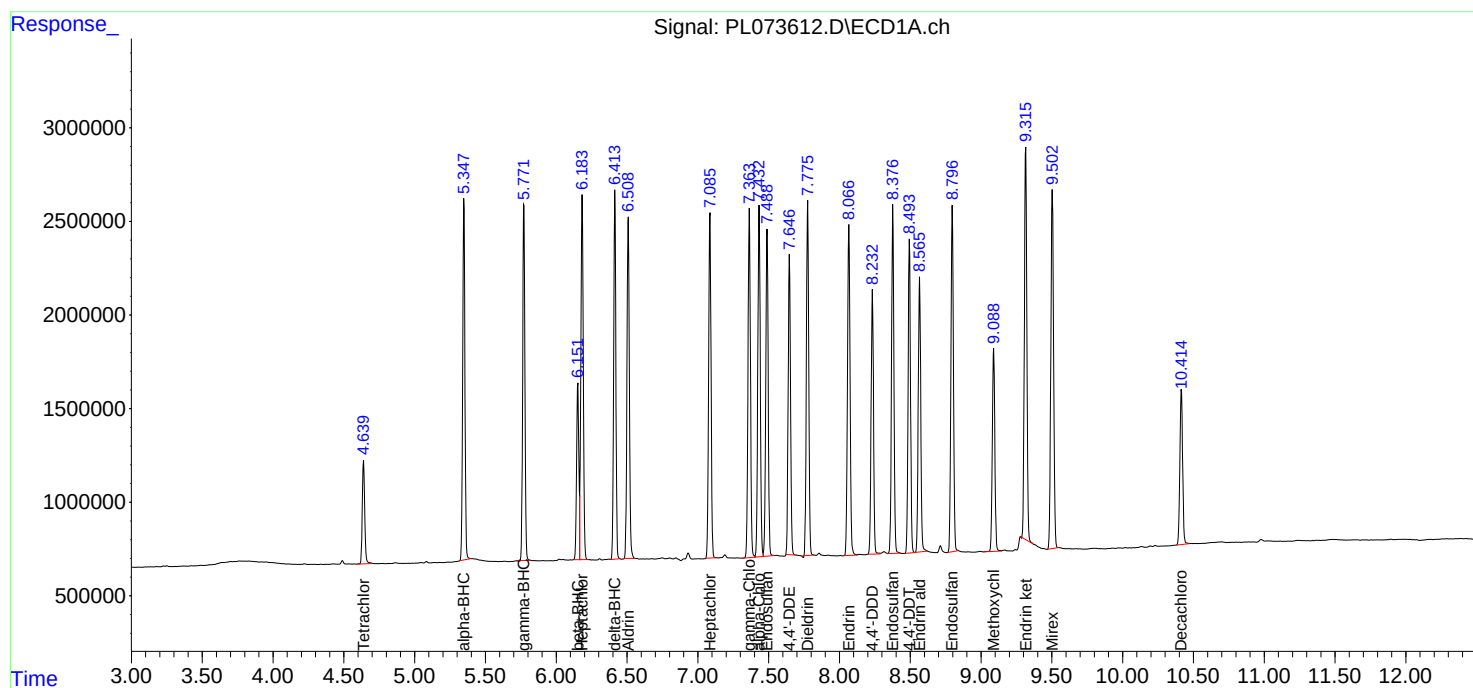
Instrument :
 ECD_L
 ClientSampleId :
 PB143543BS

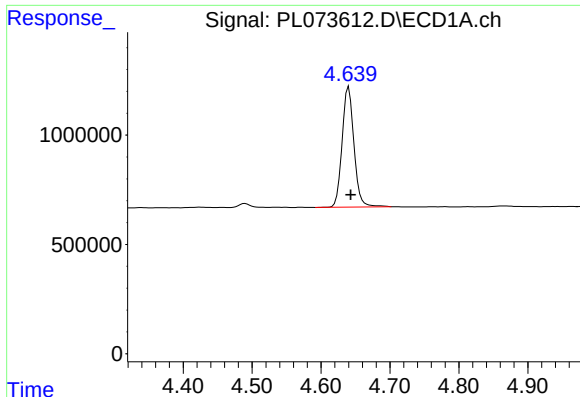
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:30:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
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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





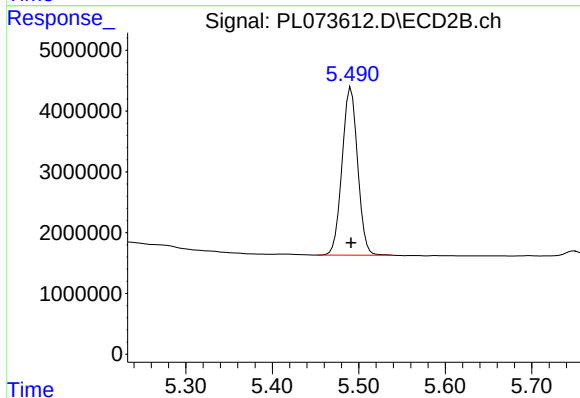
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 6585184
Conc: 20.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

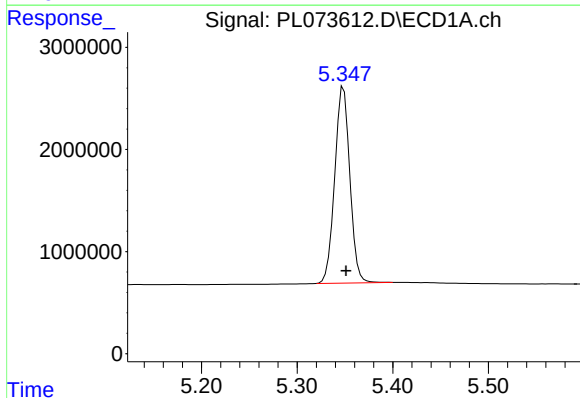
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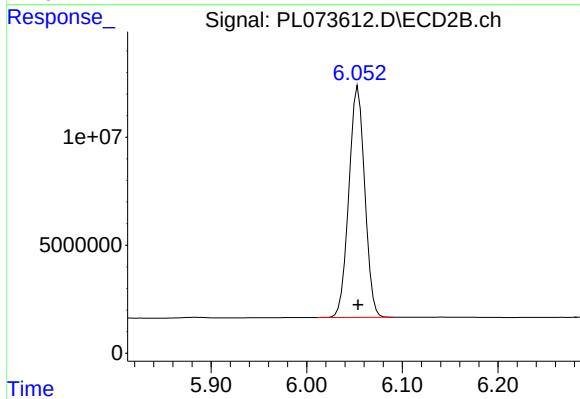
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 34289321
Conc: 20.89 ng/ml



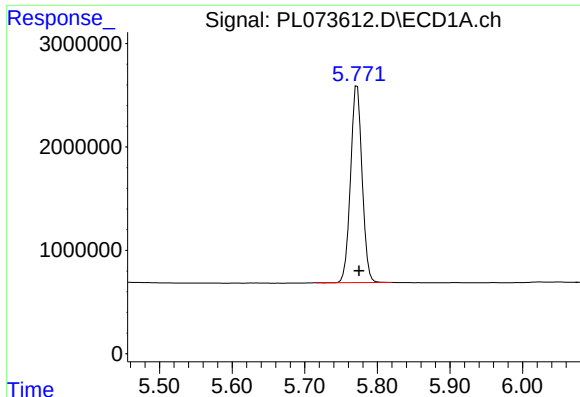
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.003 min
Response: 21109122
Conc: 51.21 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 124076539
Conc: 55.15 ng/ml



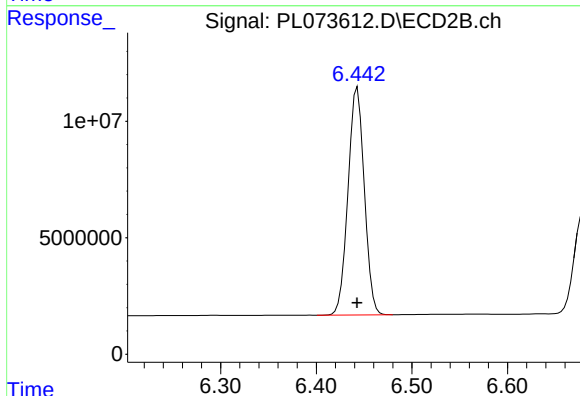
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 21101503
Conc: 50.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

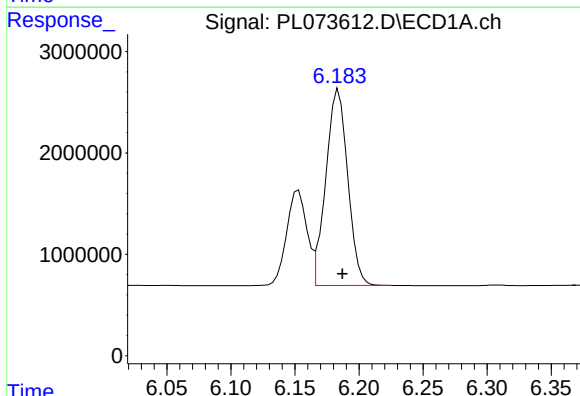
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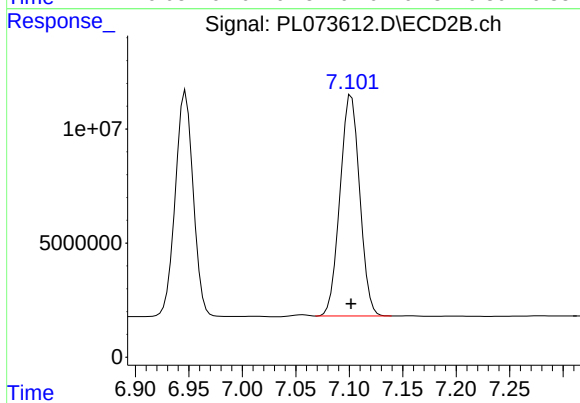
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 116133205
Conc: 54.39 ng/ml



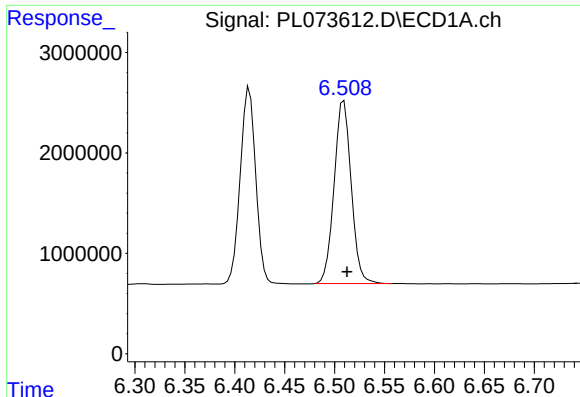
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 23038207
Conc: 51.06 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 124410277
Conc: 53.10 ng/ml



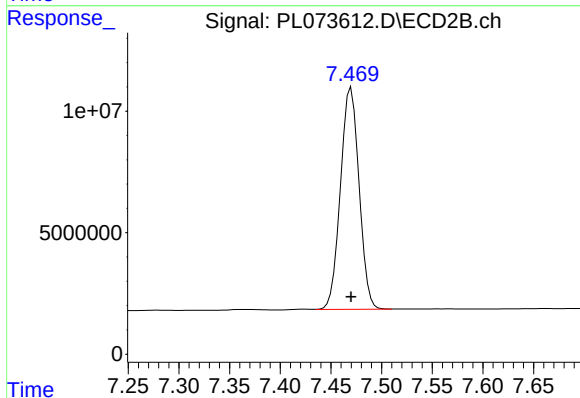
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 21691485
Conc: 52.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

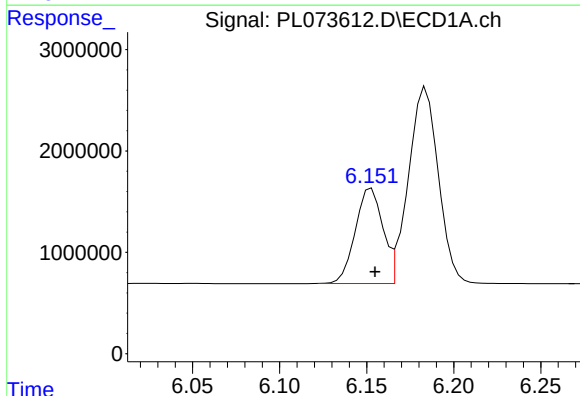
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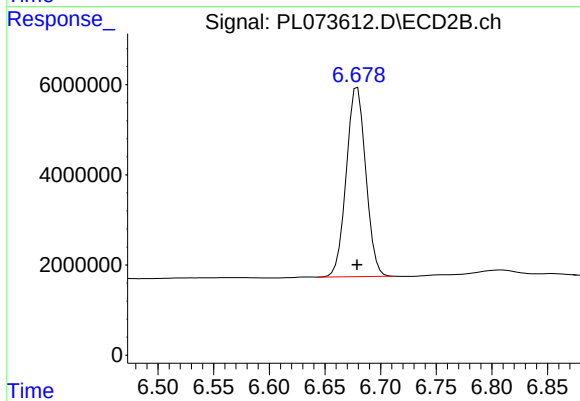
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 116518128
Conc: 55.62 ng/ml



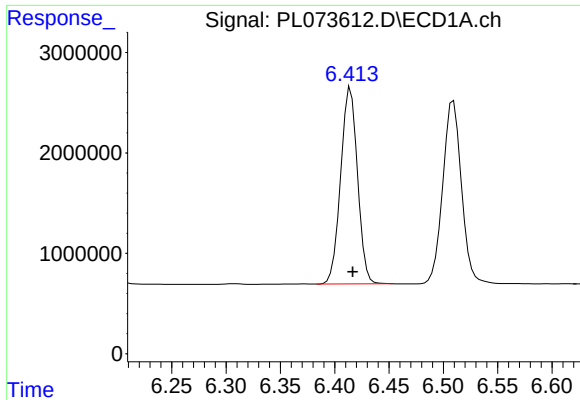
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 10323785
Conc: 50.14 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 51154664
Conc: 49.08 ng/ml



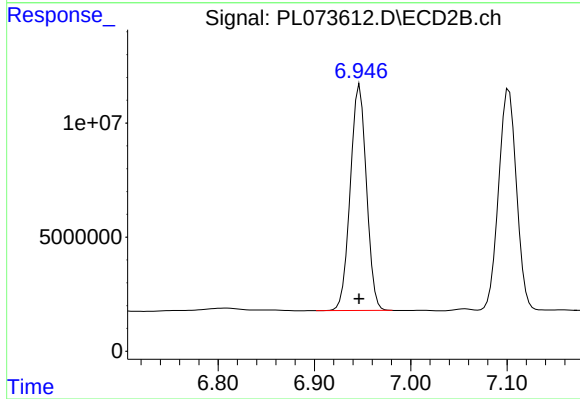
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 21114304
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

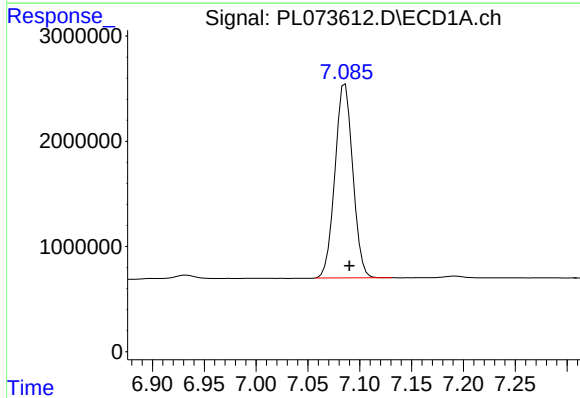
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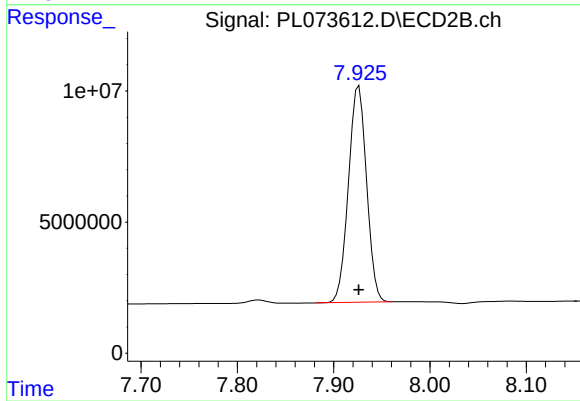
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 115037872
Conc: 53.42 ng/ml



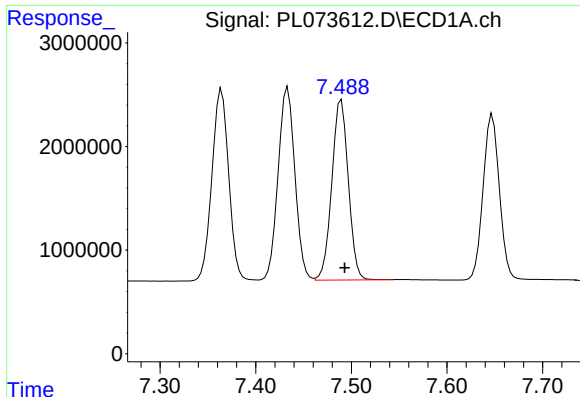
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 22103967
Conc: 51.29 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 107525912
Conc: 53.84 ng/ml



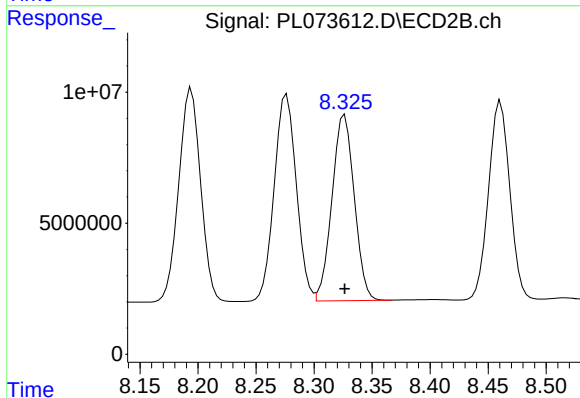
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 20816027
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

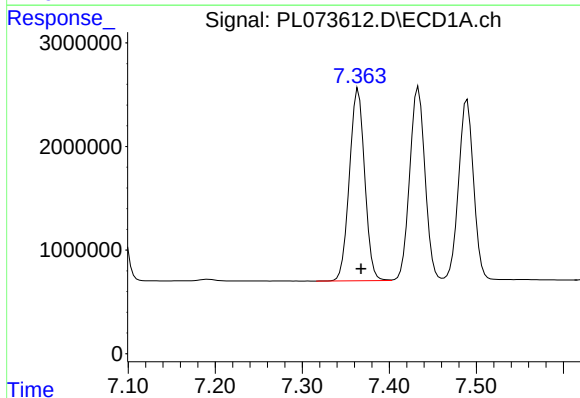
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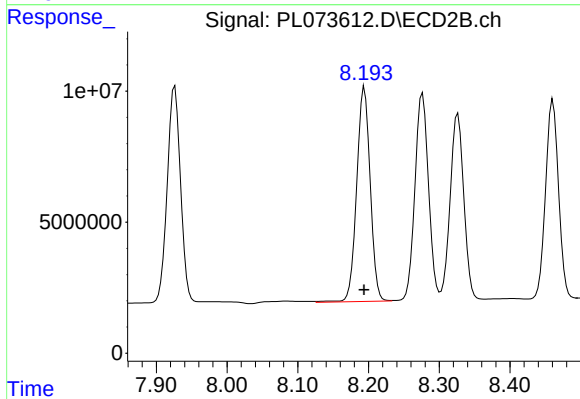
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 94799998
Conc: 51.93 ng/ml



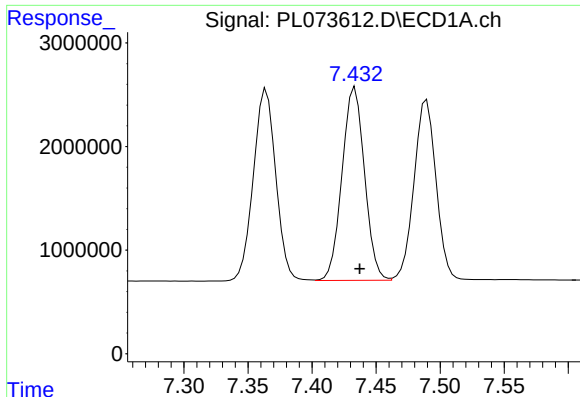
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 22599839
Conc: 51.68 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 108830497
Conc: 53.29 ng/ml



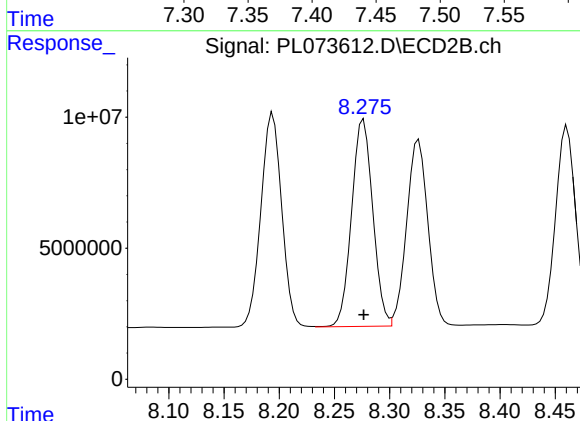
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 22767977
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

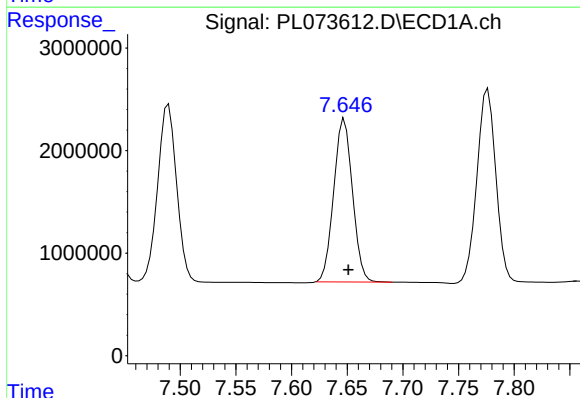
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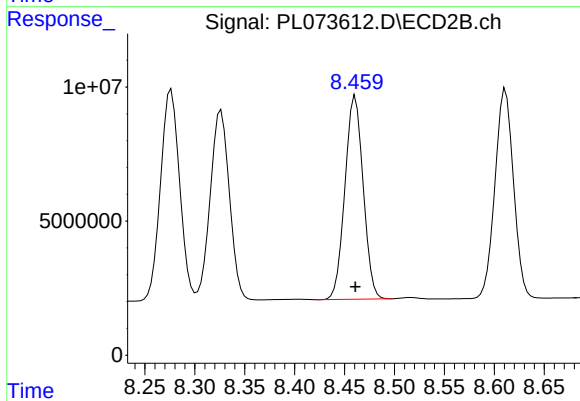
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 105539250
Conc: 52.77 ng/ml



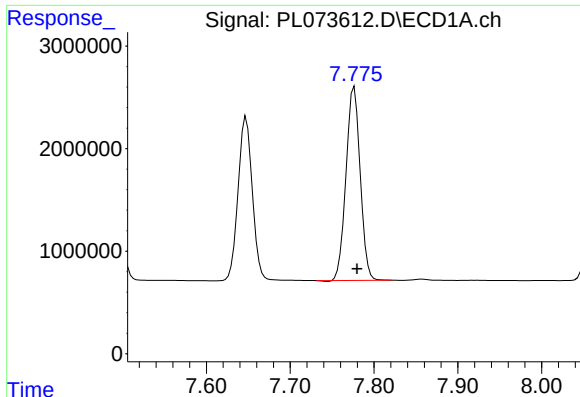
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 18653761
Conc: 51.98 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 96373421
Conc: 53.77 ng/ml



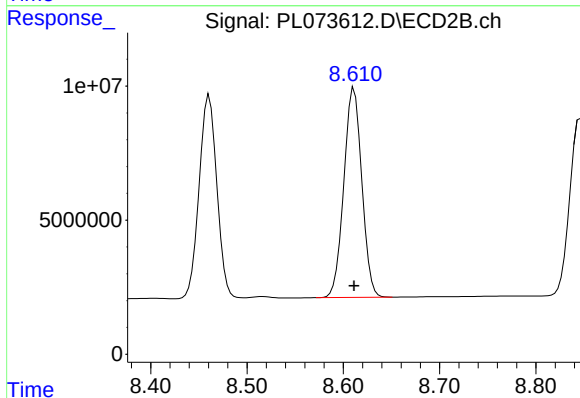
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.003 min
Response: 22270554
Conc: 53.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

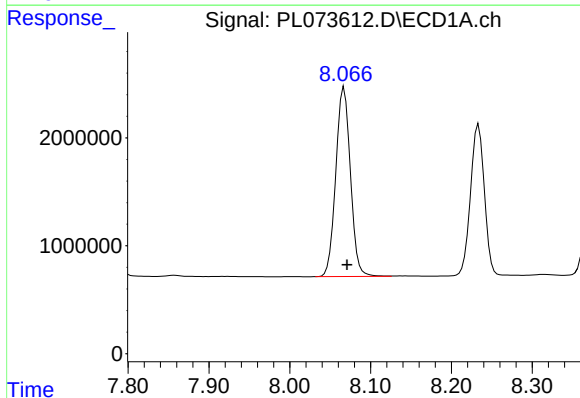
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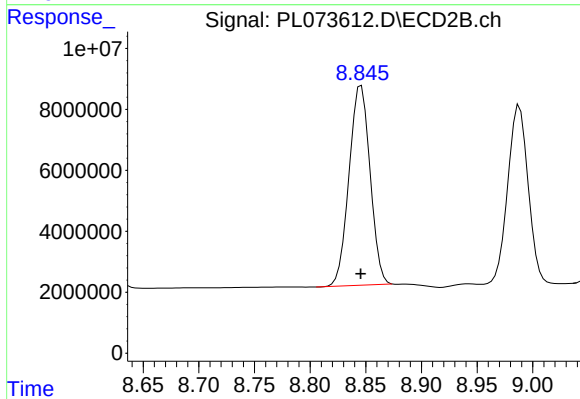
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 101027389
Conc: 54.77 ng/ml



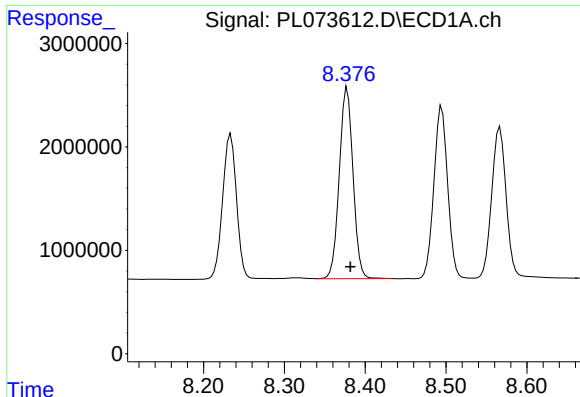
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 22041418
Conc: 56.81 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 86295362
Conc: 56.06 ng/ml



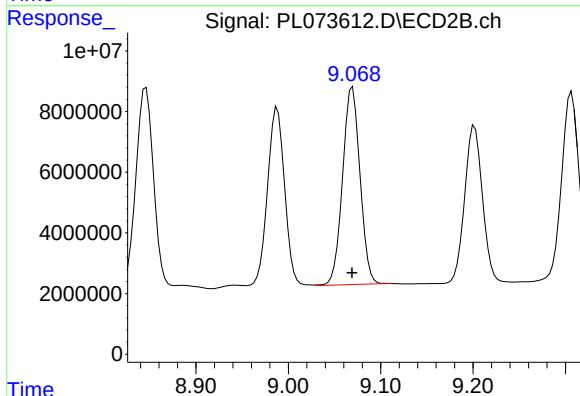
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 21791262
Conc: 55.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

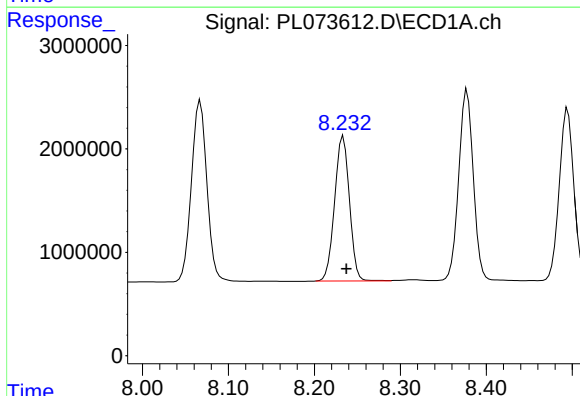
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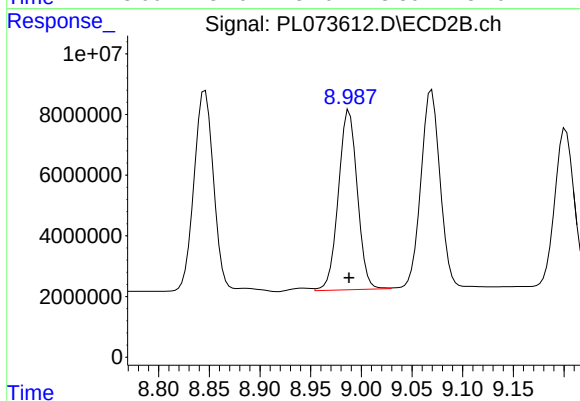
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 85494191
Conc: 55.67 ng/ml



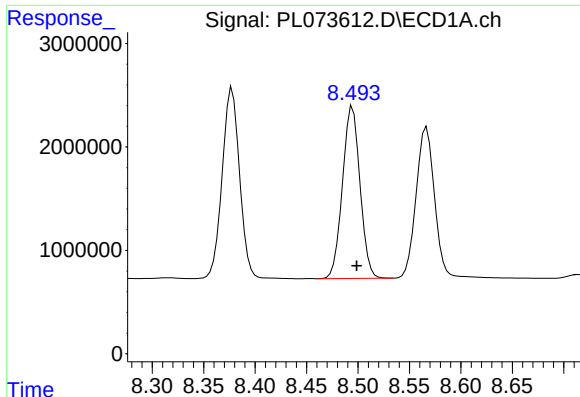
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 16779057
Conc: 51.67 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 76878170
Conc: 52.67 ng/ml



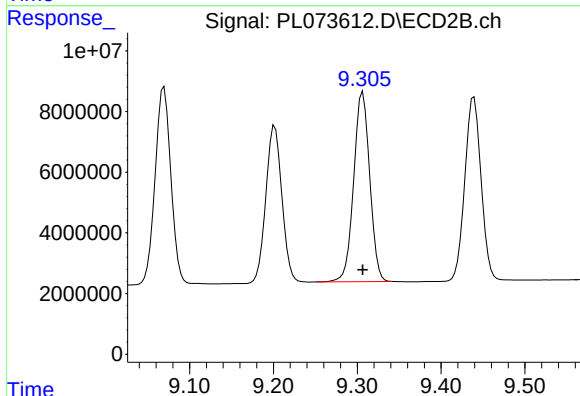
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 19734190
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

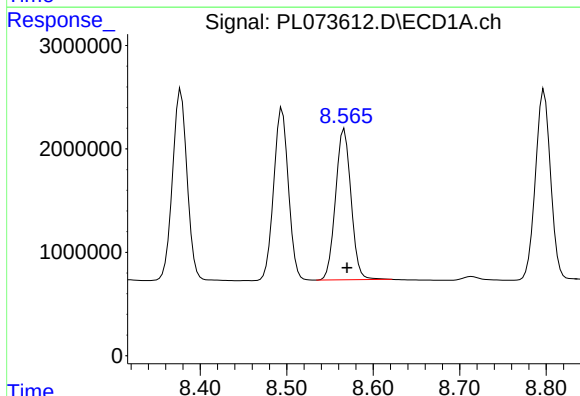
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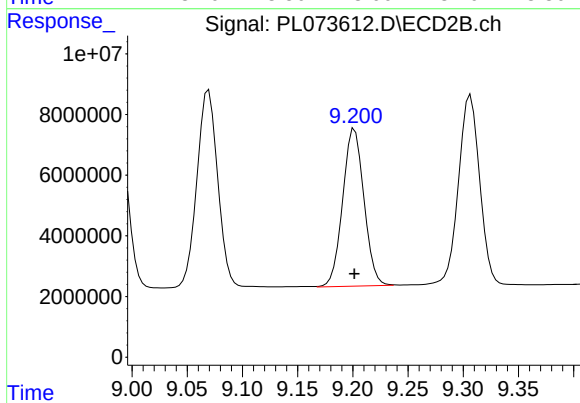
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 83255397
Conc: 50.94 ng/ml



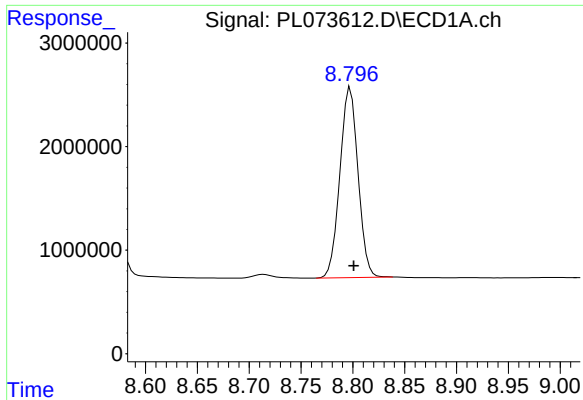
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 18077957
Conc: 57.16 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.001 min
Response: 69575604
Conc: 56.74 ng/ml m



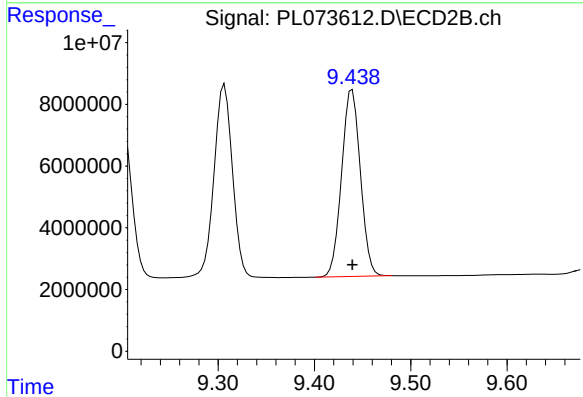
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 22341099
Conc: 52.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

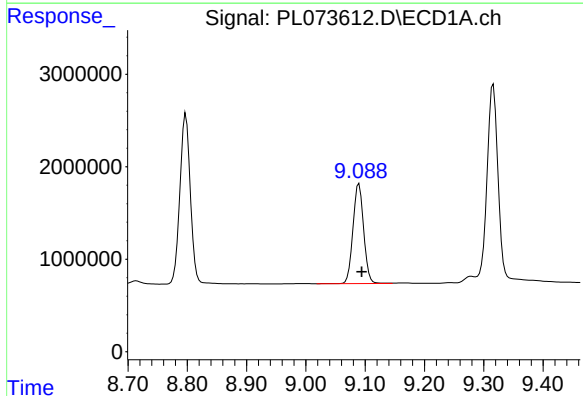
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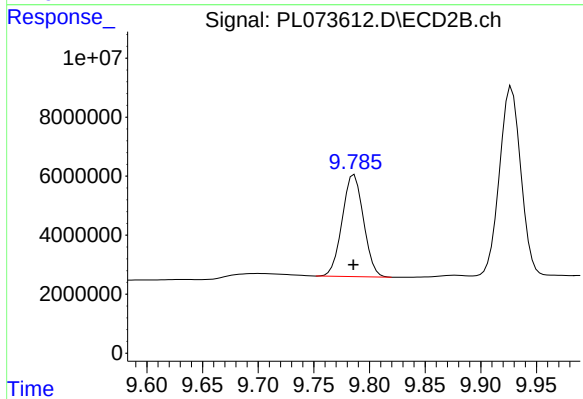
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 81840501
Conc: 51.93 ng/ml



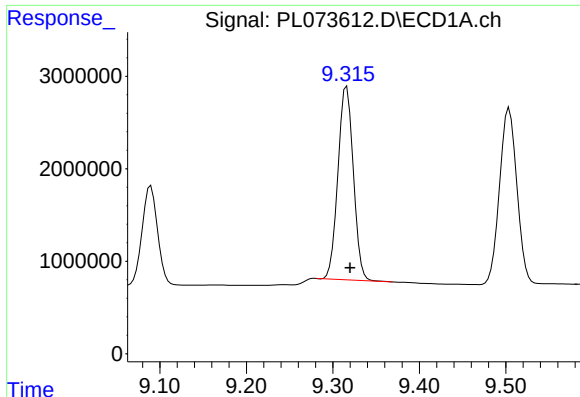
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.005 min
Response: 13529286
Conc: 52.74 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 46054398
Conc: 51.11 ng/ml



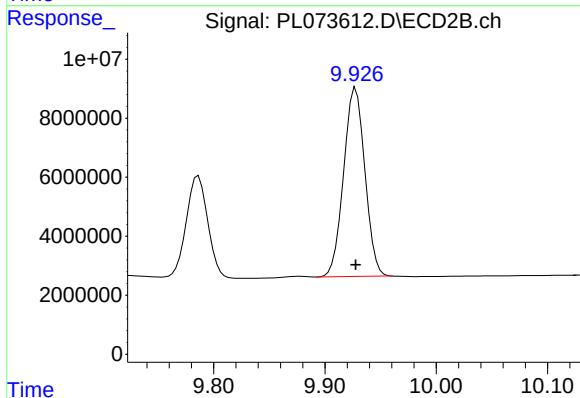
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 25669893
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

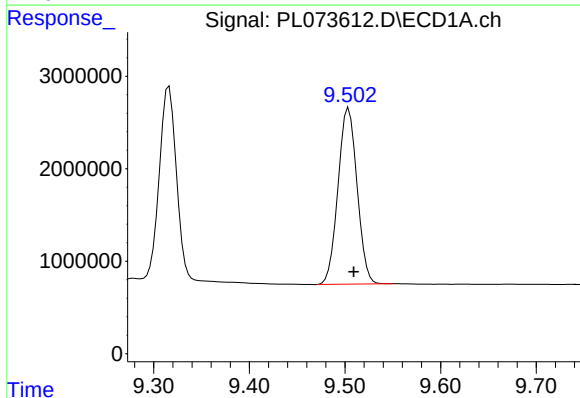
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Reviewed By :Abdul Mirza 03/24/2022
Supervised By :mohammad ahmed 03/25/2022



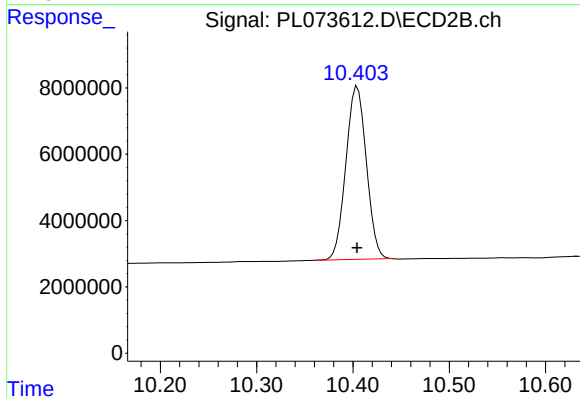
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 85034412
Conc: 51.52 ng/ml



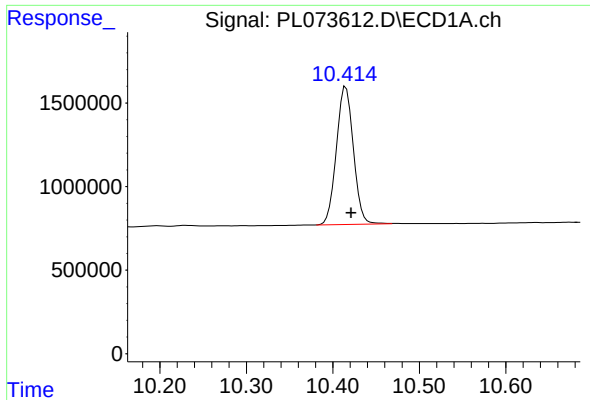
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 26419996
Conc: 56.03 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 76977317
Conc: 56.67 ng/ml



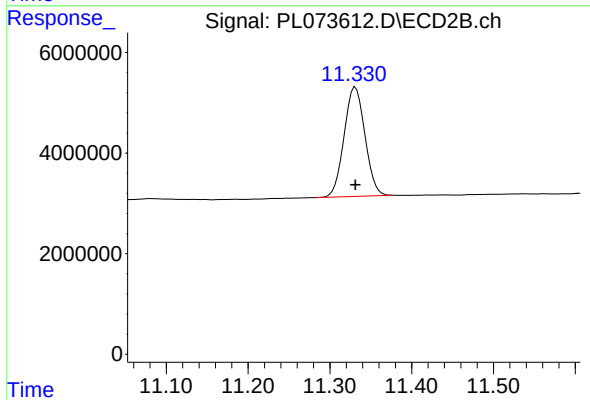
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 11208424
Conc: 22.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143543BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2022
Supervised By :mohammad ahmed 03/25/2022



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 38379834
Conc: 21.46 ng/ml