

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073624.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 20:26
 Operator : AR\AJ
 Sample : PB143542BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143542BS

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 04:34:04 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	6531527	34529064	20.393	21.038
28)	SA Decachlor...	10.415	11.331	10979534	38595055	21.592	21.583
Target Compounds							
2)	A alpha-BHC	5.349	6.054	21055144	123.5E6	51.080	54.909
3)	MA gamma-BHC...	5.772	6.443	20826498	114.8E6	49.927	53.772
4)	MA Heptachlor	6.184	7.102	21340998	115.8E6	47.298	49.424
5)	MB Aldrin	6.509	7.470	21370245	114.9E6	51.723	54.865
6)	B beta-BHC	6.152	6.679	9961196	50618726	48.380	48.561
7)	B delta-BHC	6.414	6.947	20726368	114.2E6	51.603	53.025
8)	B Heptachlo...	7.086	7.926	21693180	105.6E6	50.335	52.853
9)	A Endosulfan I	7.489	8.326	20477575	93773533	49.919	51.372
10)	B gamma-Chl...	7.363	8.194	22276420	106.0E6	50.941	51.912
11)	B alpha-Chl...	7.433	8.276	22391704	103.7E6	50.668	51.871
12)	B 4,4'-DDE	7.648	8.461	18142540	95201138	50.559	53.114
13)	MA Dieldrin	7.776	8.612	22081321	99530543	53.001	53.954
14)	MA Endrin	8.067	8.846	21331969	84655064	54.979	54.992
15)	B Endosulfa...	8.377	9.070	21346413	83839166	54.612	54.589
16)	A 4,4'-DDD	8.233	8.988	16607046	74721720	51.140	51.189
17)	MA 4,4'-DDT	8.494	9.307	17737612	75753146	46.902	46.345
18)	B Endrin al...	8.566	9.200	17380356	67728985	54.958	55.230m
19)	B Endosulfa...	8.796	9.440	21846062	80981796	51.716m	51.382
20)	A Methoxychlor	9.090	9.786	11870573	41267282	46.273	45.798
21)	B Endrin ke...	9.316	9.927	25471152	83790677	52.064	50.764
22)	Mirex	9.504	10.404	25920986	76192150	54.968	56.087

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073222\
 Data File : PL073624.D
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 Acq On : 23 Mar 2022 20:26
 Operator : AR\AJ
 Sample : PB143542BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB143542BS

Manual Integrations

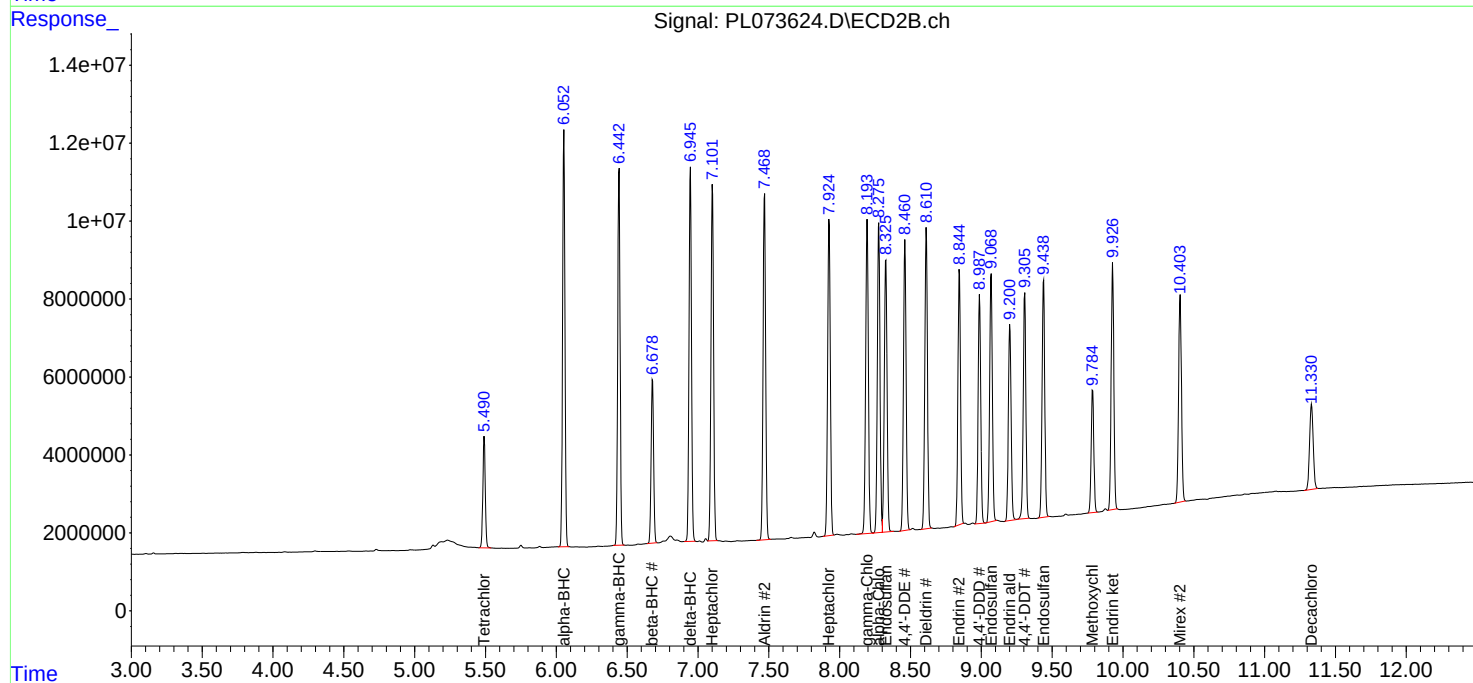
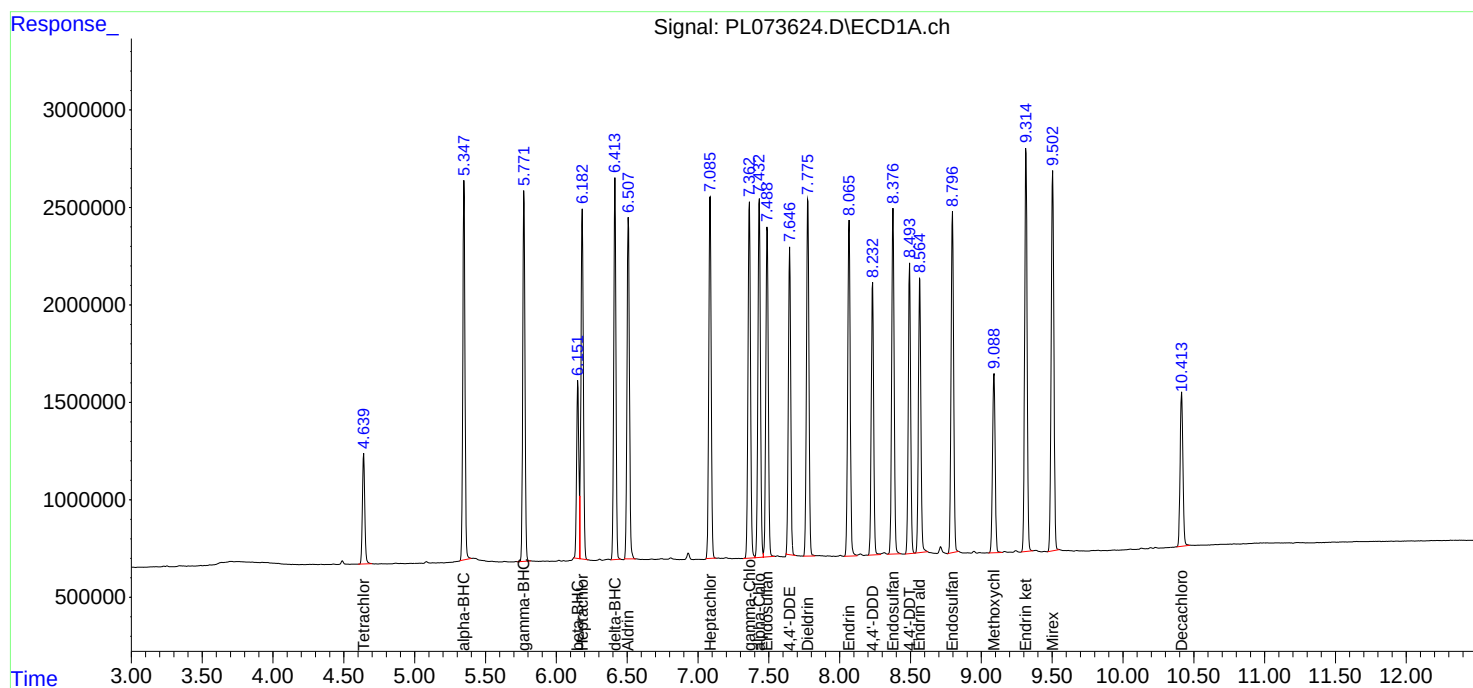
APPROVED

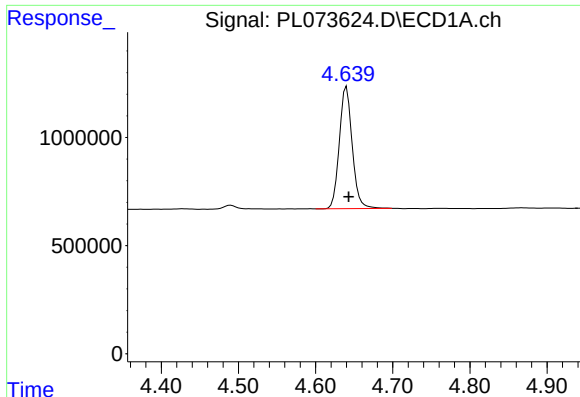
Reviewed By :Abdul Mirza 03/24/2022

Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:34:04 2022
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 Quant Title : GC Extractables
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 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.: 4.640 min
Delta R.T.: -0.003 min
Response: 6531527
Conc: 20.39 ng/ml

Instrument :

ECD_L

ClientSampleId :

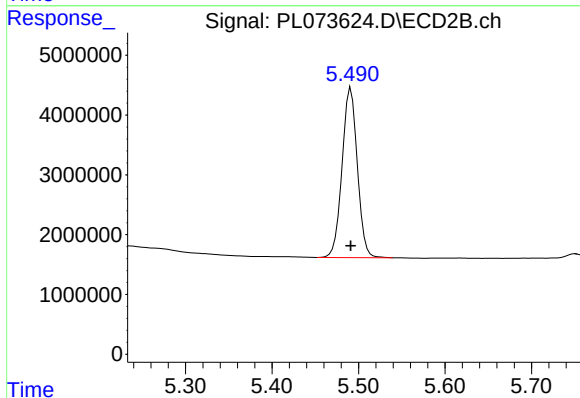
PB143542BS

Manual Integrations

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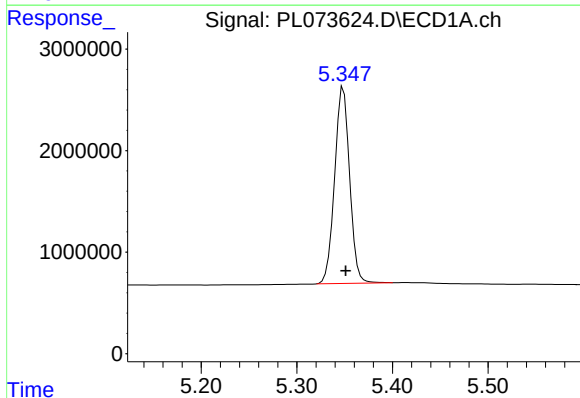
Reviewed By :Abdul Mirza 03/24/2022

Supervised By :mohammad ahmed 03/25/2022



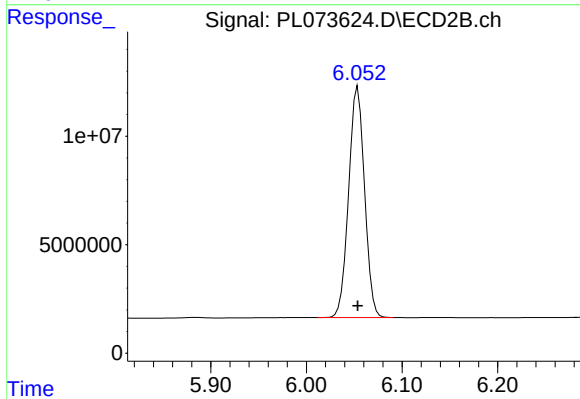
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 34529064
Conc: 21.04 ng/ml



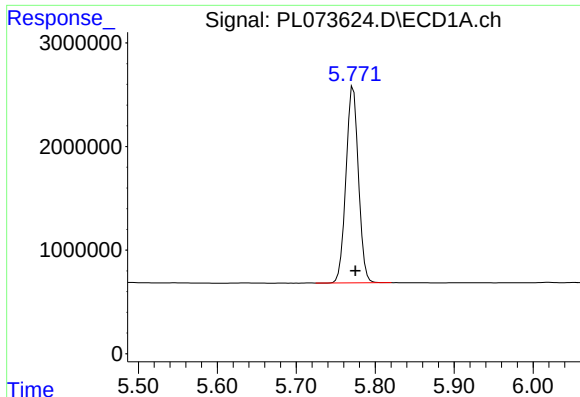
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.003 min
Response: 21055144
Conc: 51.08 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 123525692
Conc: 54.91 ng/ml



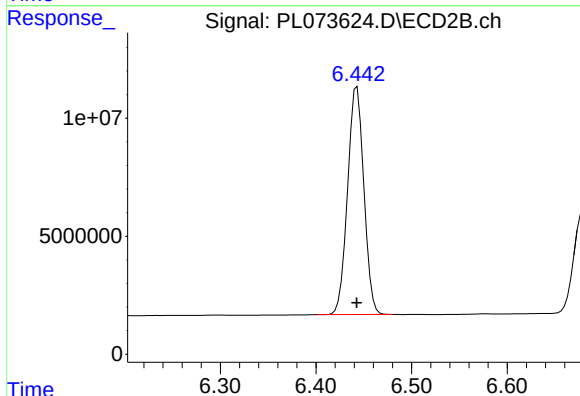
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 20826498
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143542BS

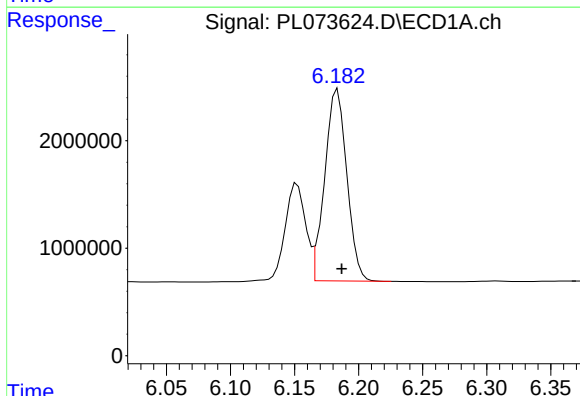
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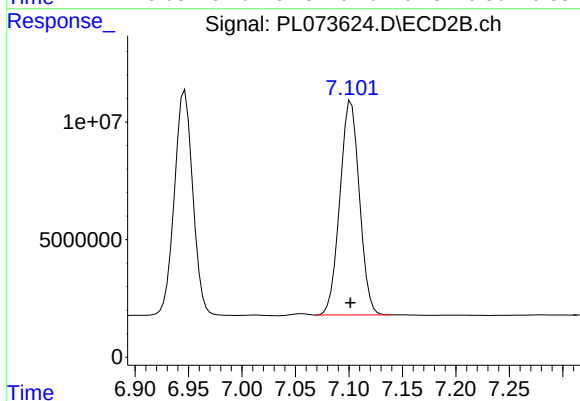
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 114807514
Conc: 53.77 ng/ml



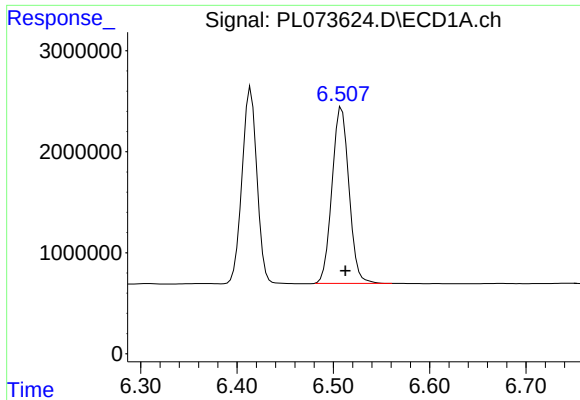
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 21340998
Conc: 47.30 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 115805187
Conc: 49.42 ng/ml



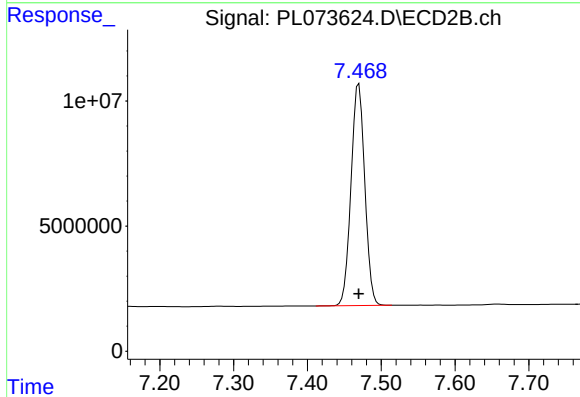
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 21370245
Conc: 51.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143542BS

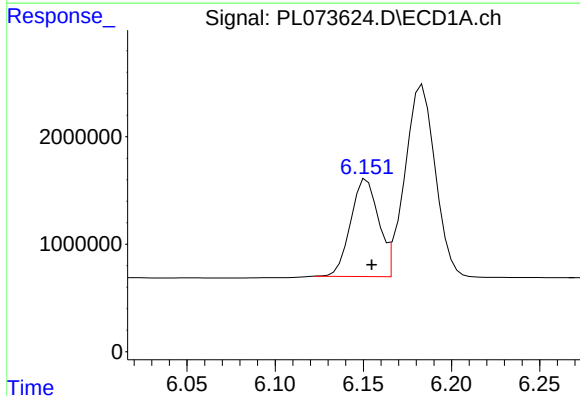
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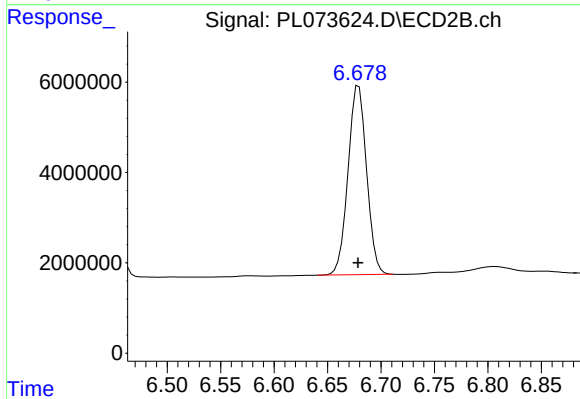
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 114940744
Conc: 54.86 ng/ml



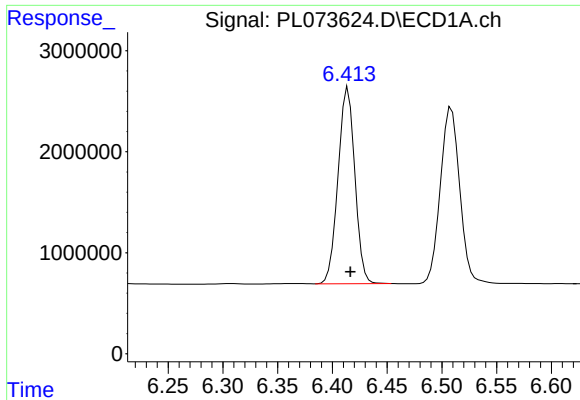
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 9961196
Conc: 48.38 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 50618726
Conc: 48.56 ng/ml



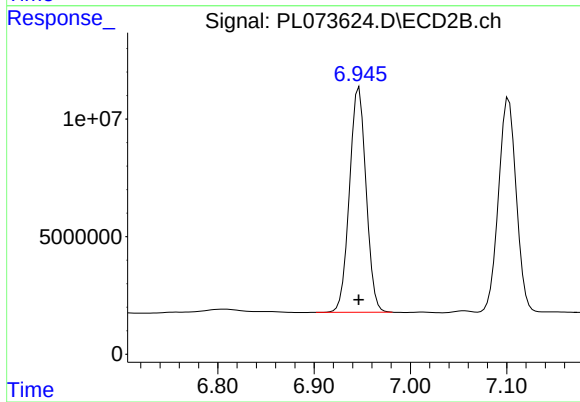
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 20726368
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143542BS

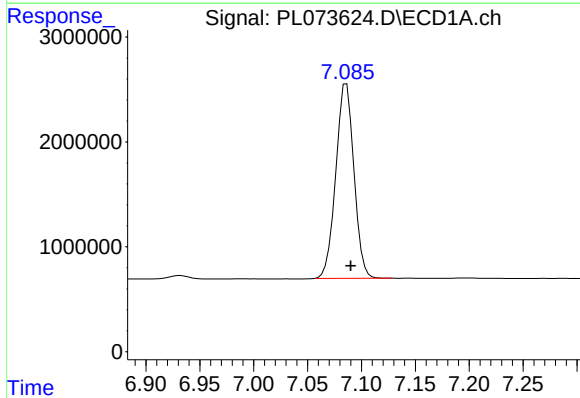
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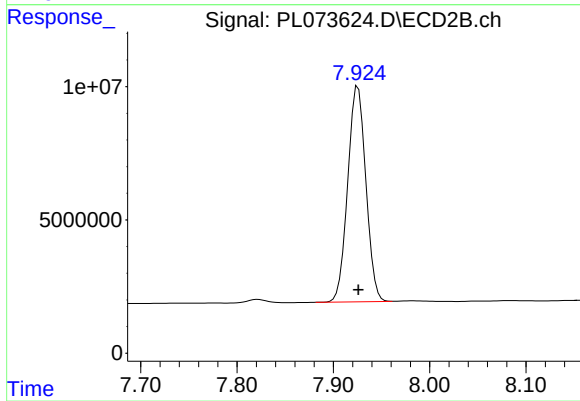
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 114192931
Conc: 53.03 ng/ml



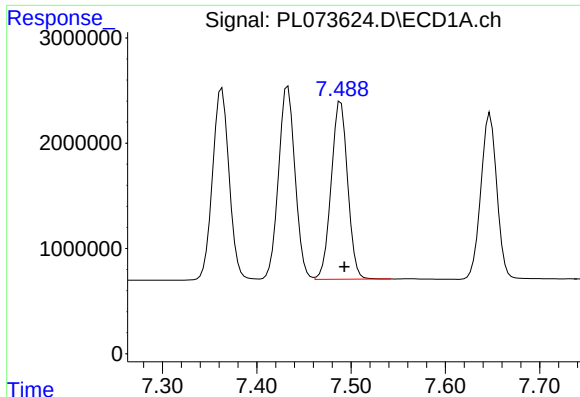
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 21693180
Conc: 50.33 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 105564388
Conc: 52.85 ng/ml



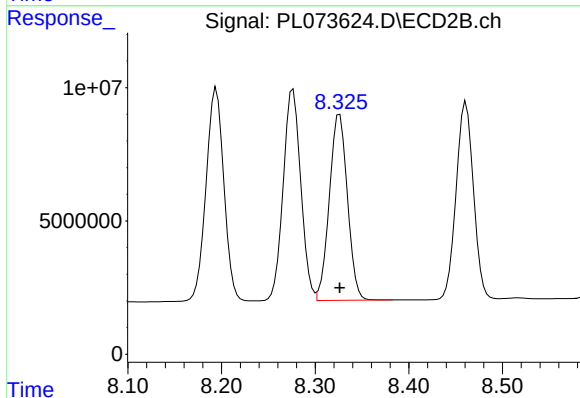
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 20477575
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143542BS

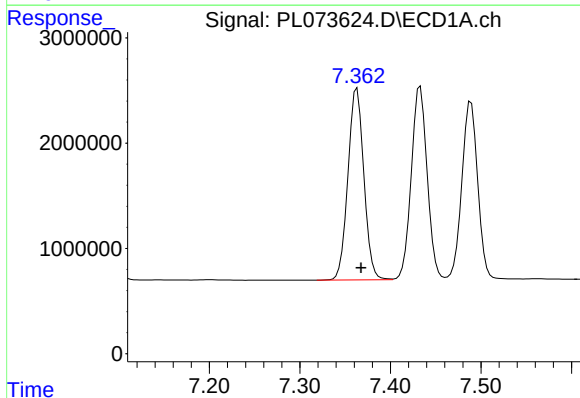
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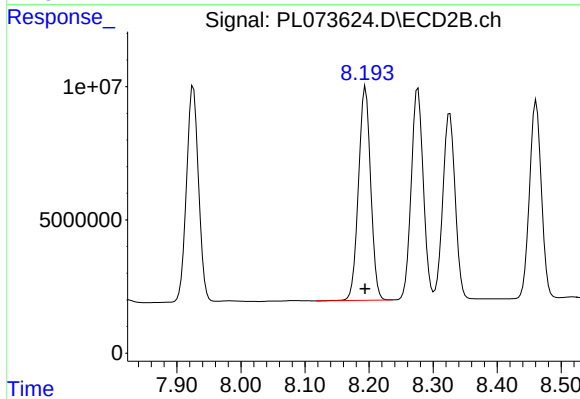
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 93773533
Conc: 51.37 ng/ml



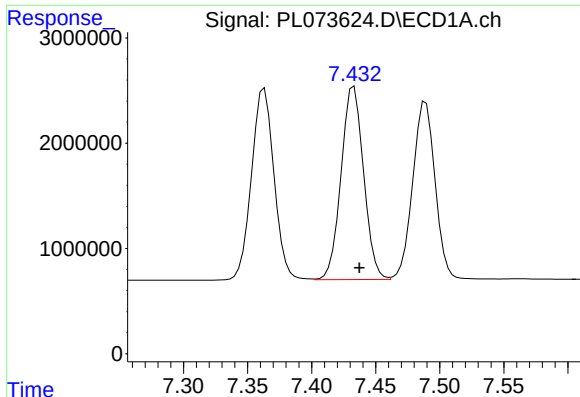
#10 gamma-Chlordane

R.T.: 7.363 min
Delta R.T.: -0.005 min
Response: 22276420
Conc: 50.94 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 106025817
Conc: 51.91 ng/ml



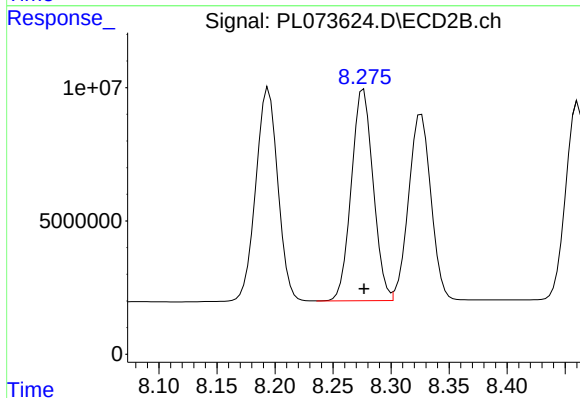
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 22391704
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143542BS

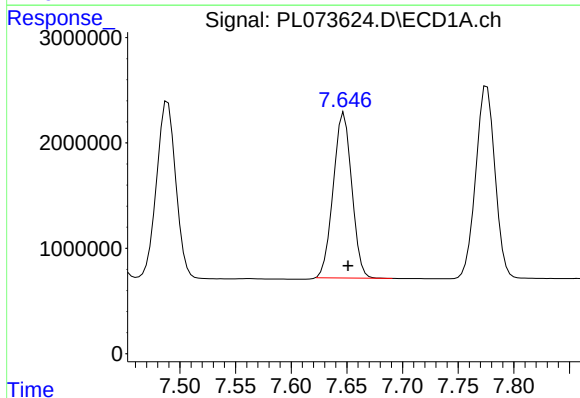
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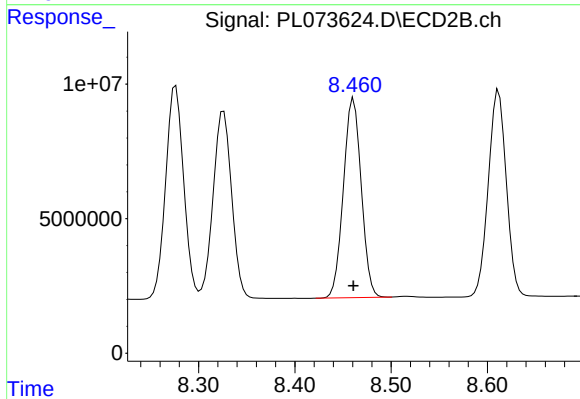
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 103741546
Conc: 51.87 ng/ml



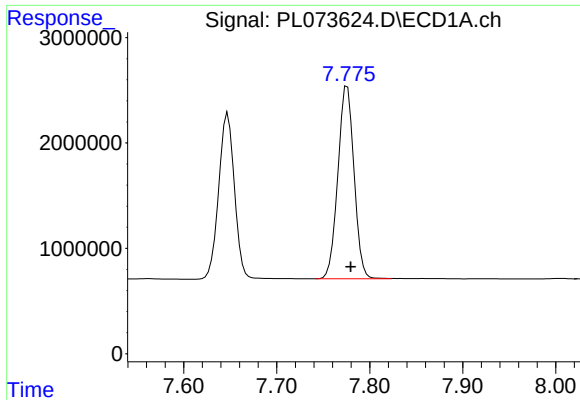
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 18142540
Conc: 50.56 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 95201138
Conc: 53.11 ng/ml



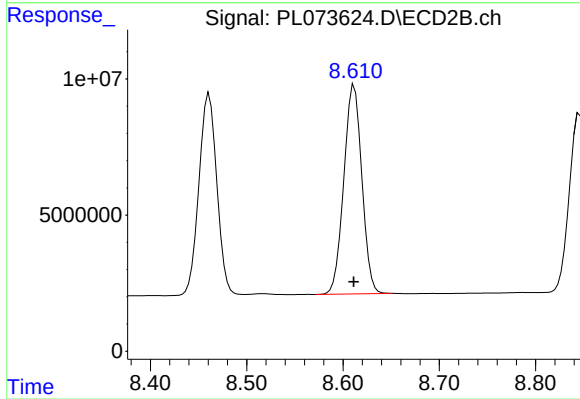
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 22081321
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143542BS

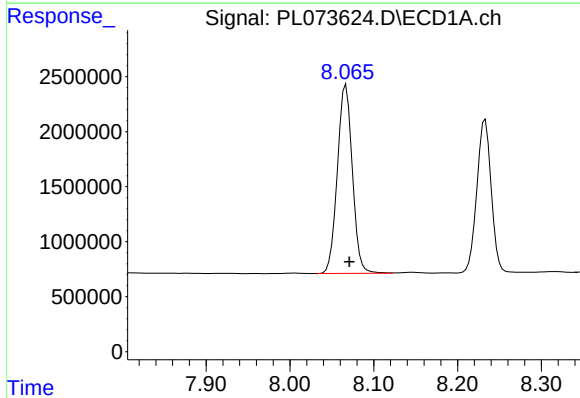
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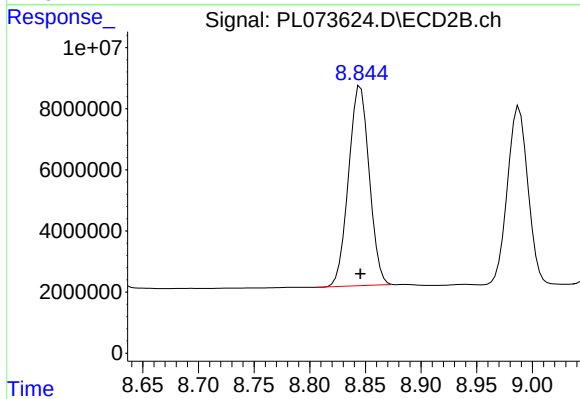
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 99530543
Conc: 53.95 ng/ml



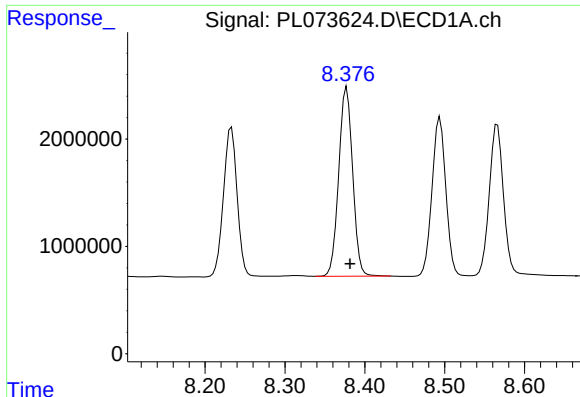
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 21331969
Conc: 54.98 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 84655064
Conc: 54.99 ng/ml



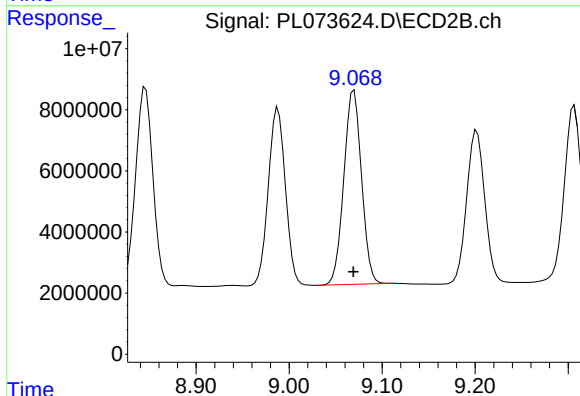
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.004 min
Response: 21346413
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143542BS

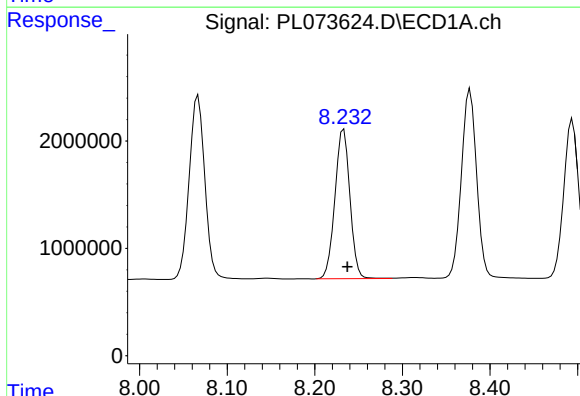
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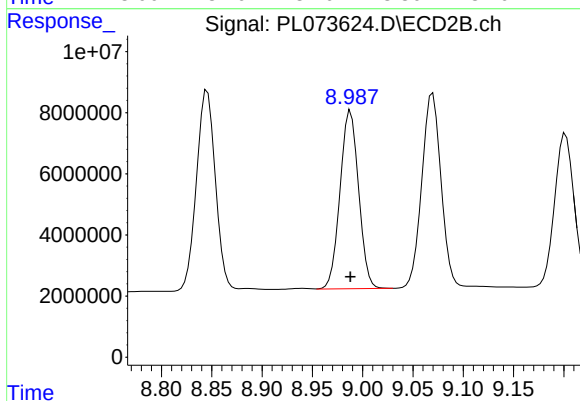
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 83839166
Conc: 54.59 ng/ml



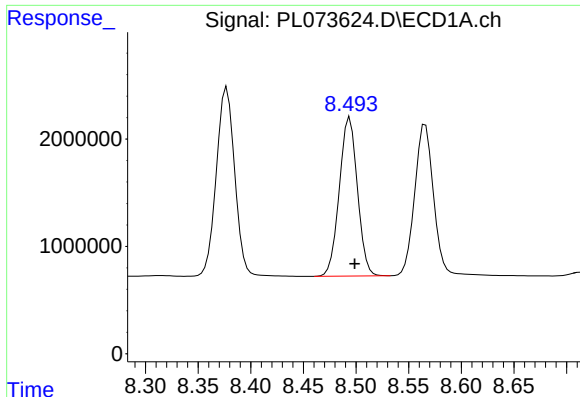
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 16607046
Conc: 51.14 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 74721720
Conc: 51.19 ng/ml



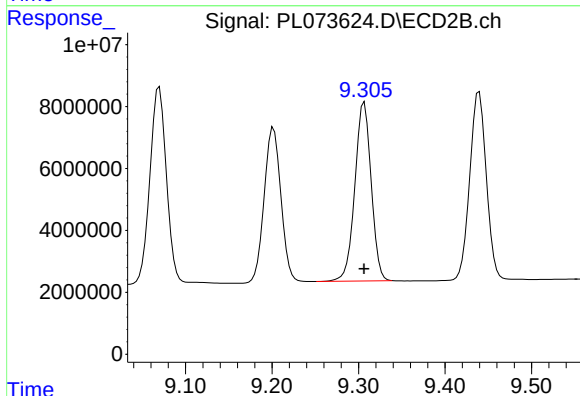
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 17737612
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143542BS

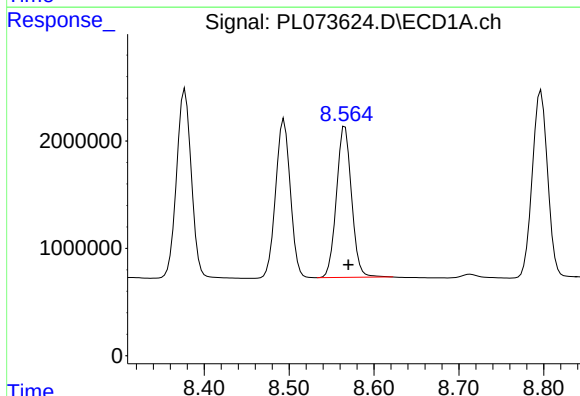
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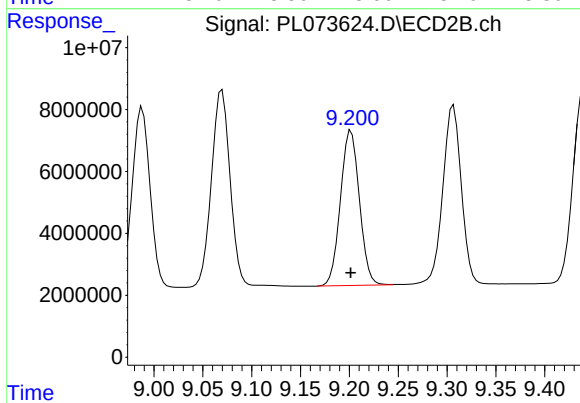
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 75753146
Conc: 46.35 ng/ml



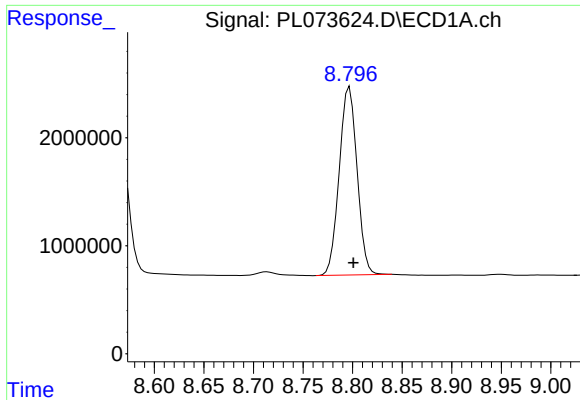
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 17380356
Conc: 54.96 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.001 min
Response: 67728985
Conc: 55.23 ng/ml m



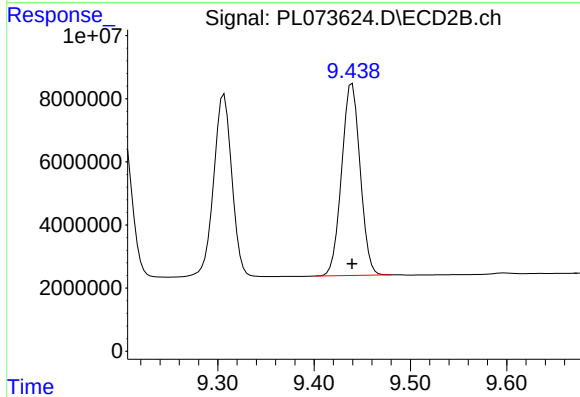
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 21846062
Conc: 51.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143542BS

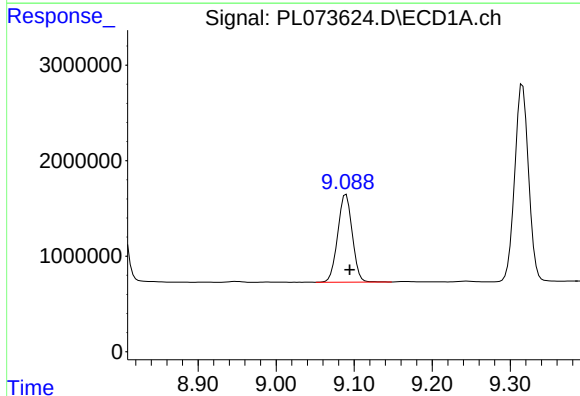
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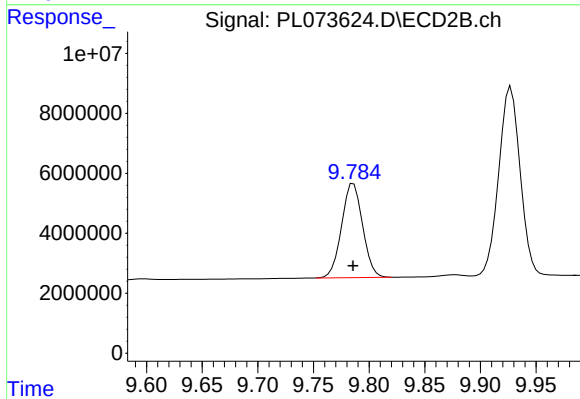
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 80981796
Conc: 51.38 ng/ml



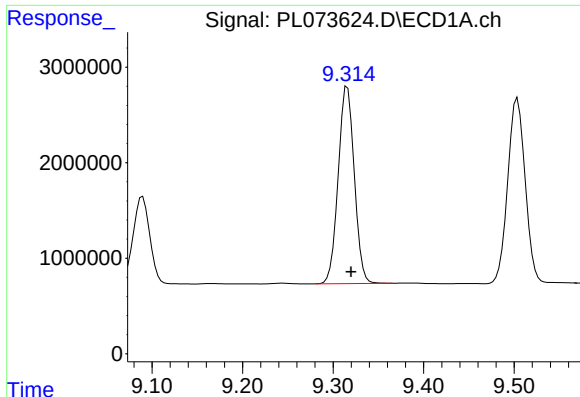
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.005 min
Response: 11870573
Conc: 46.27 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 41267282
Conc: 45.80 ng/ml



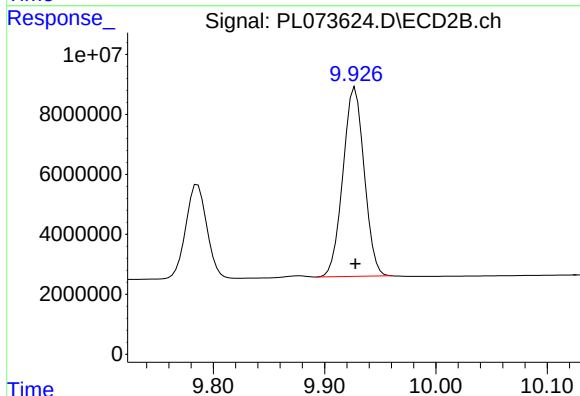
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 25471152
Conc: 52.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143542BS

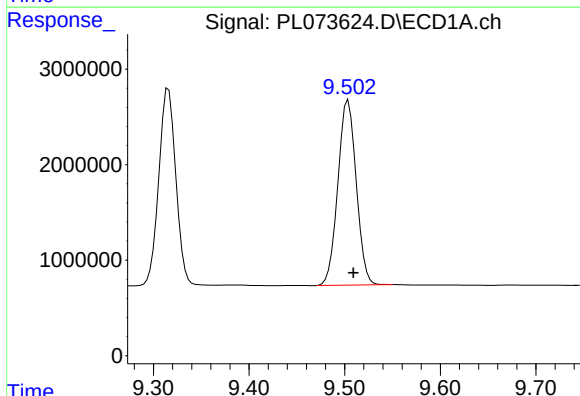
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Reviewed By :Abdul Mirza 03/24/2022
Supervised By :mohammad ahmed 03/25/2022



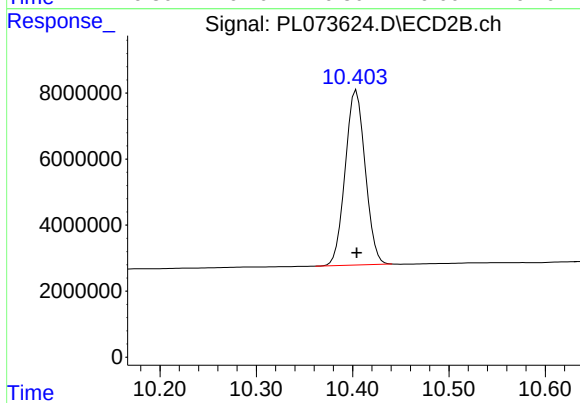
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 83790677
Conc: 50.76 ng/ml



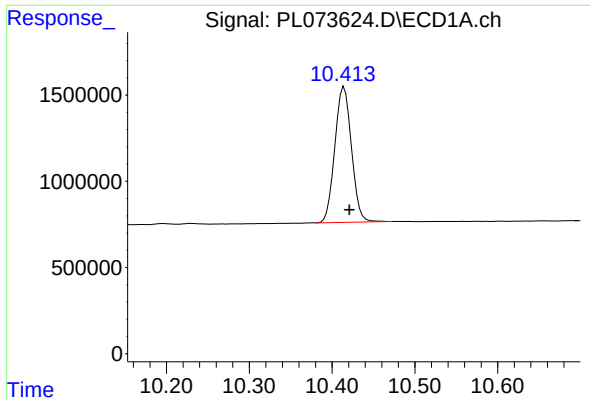
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 25920986
Conc: 54.97 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 76192150
Conc: 56.09 ng/ml



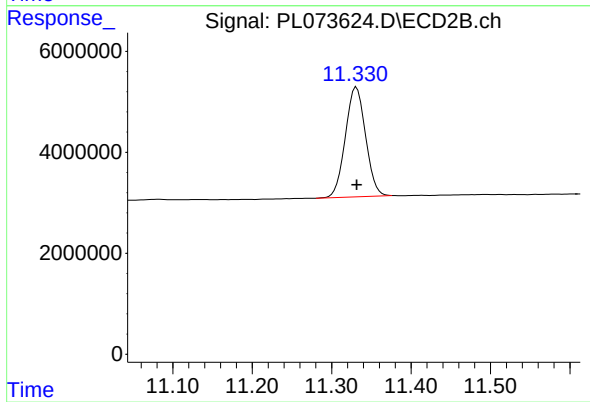
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 10979534
Conc: 21.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143542BS

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: 38595055
Conc: 21.58 ng/ml