

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041222\
 Data File : PL073973.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2022 12:50
 Operator : AR\AJ
 Sample : N2257-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/13/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 16:35:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.638	5.489	6713307	30605596	20.777	17.166
2) SA Decachlor...	10.410	11.319f	13079934	47167386	25.152	26.704
Target Compounds						
2) A alpha-BHC	5.347	6.052	21831905	119.0E6	52.023	47.257
3) MA gamma-BHC...	5.770	6.440	26177751	108.5E6	62.417	45.846m#
4) MA Heptachlor	6.182	7.101	20853252	102.8E6	46.293	39.409
5) MB Aldrin	6.507	7.469	21370712	104.2E6	51.490	44.348
6) B beta-BHC	6.151	6.678	10397460	47202562	50.886	41.883
7) B delta-BHC	6.413	6.946	21848420	105.9E6	52.816	43.349
8) B Heptachlo...	7.084	7.925	20766311	90093680	48.413	40.014
9) A Endosulfan I	7.488	8.326	16739745	85011189	40.817	43.182
10) B gamma-Chl...	7.361	8.193	23910016	125.9E6	54.516	56.456
11) B alpha-Chl...	7.431	8.276	22689376	105.9E6	51.360	49.196
12) B 4,4'-DDE	7.645	8.461	19906993	76089176	54.567	38.203 #
13) MA Dieldrin	7.775	8.611	27124918	93442454	63.144	46.598 #
14) MA Endrin	8.063	8.845	22118796	83838407	54.448	49.501
15) B Endosulfa...	8.376	9.069	19829549	69013145	48.111	39.726
16) A 4,4'-DDD	8.230	8.988	18253374	82413314	56.525m	53.564
17) MA 4,4'-DDT	8.491	9.307	22135592	84645347	59.884	47.750
18) B Endrin al...	8.563	9.202	15064335	65827806	46.559	50.965
19) B Endosulfa...	8.794	9.439	20982736	70008064	49.137	42.064
20) A Methoxychlor	9.087	9.788	8789624	58577078	35.404	60.901 #
21) B Endrin ke...	9.314	9.928	19802670	81128198	40.533	46.869
22) Mirex	9.499	10.404	19118042	60222524	40.990m	43.722m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041222\
 Data File : PL073973.D
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 Acq On : 12 Apr 2022 12:50
 Operator : AR\AJ
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ECD_L

ClientSampleId :

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Manual Integrations

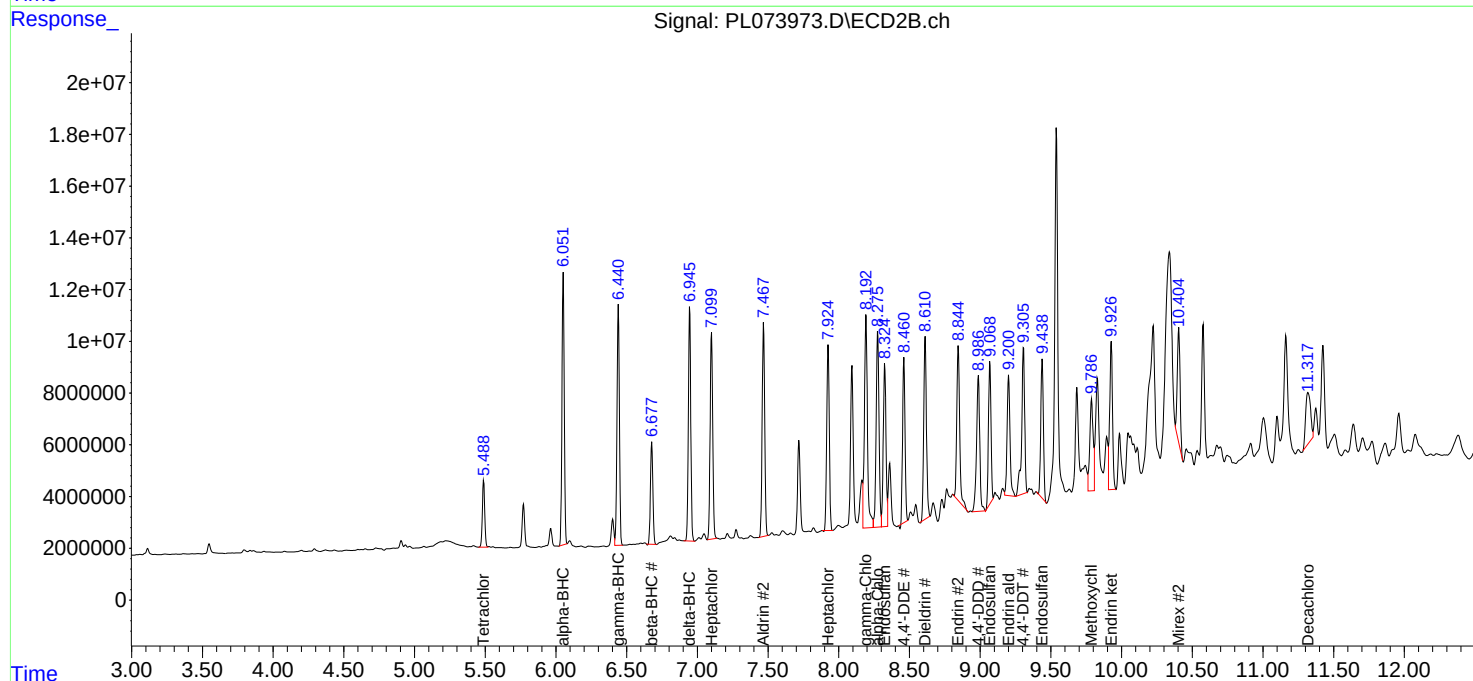
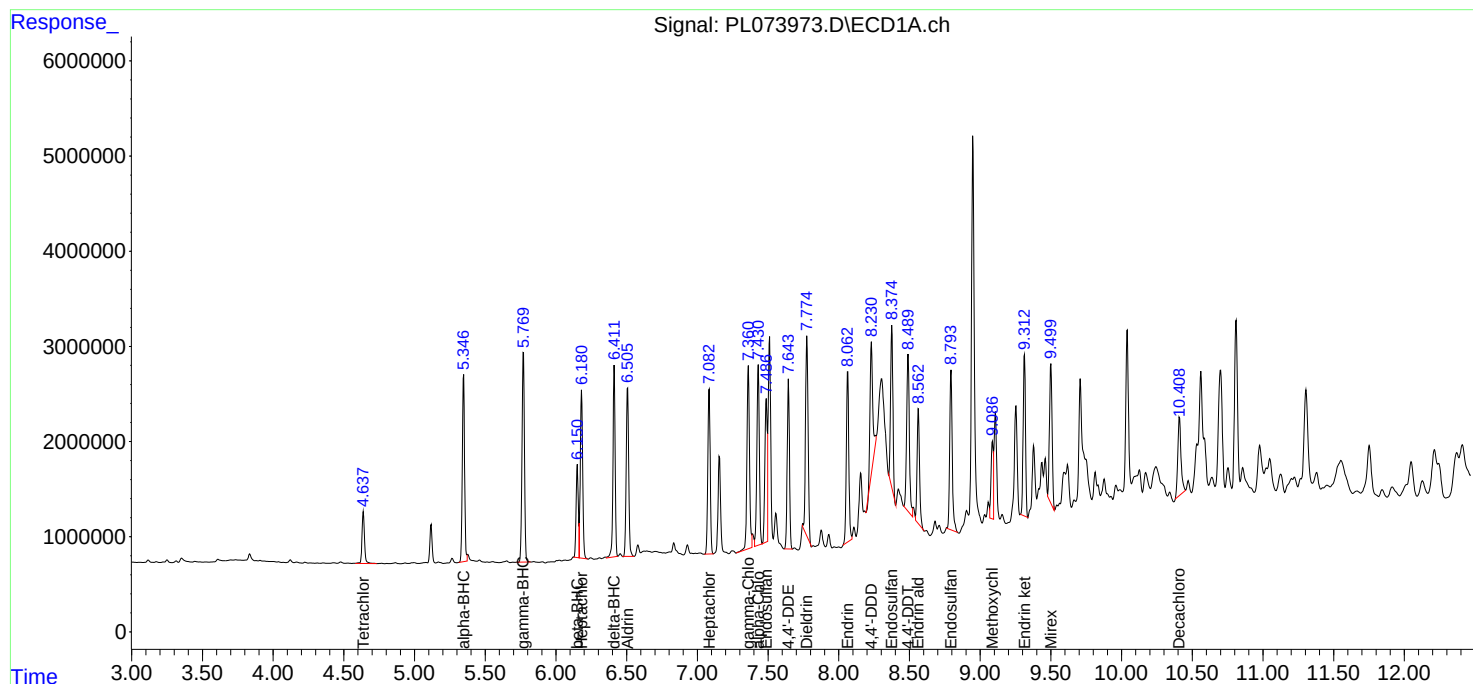
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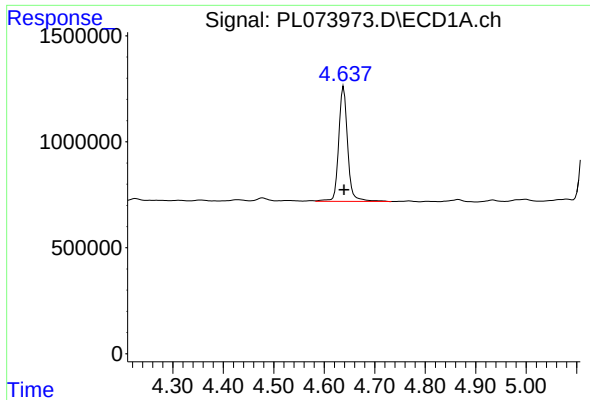
Reviewed By :Abdul Mirza 04/13/2022

Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 16:35:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
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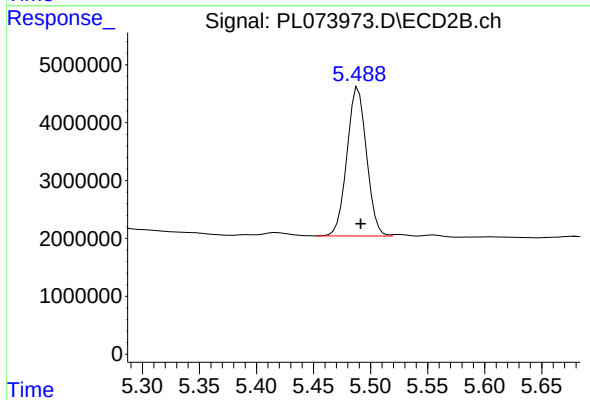
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 6713307
Conc: 20.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

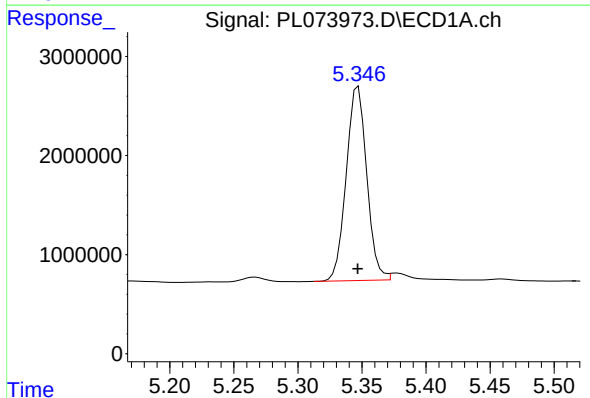
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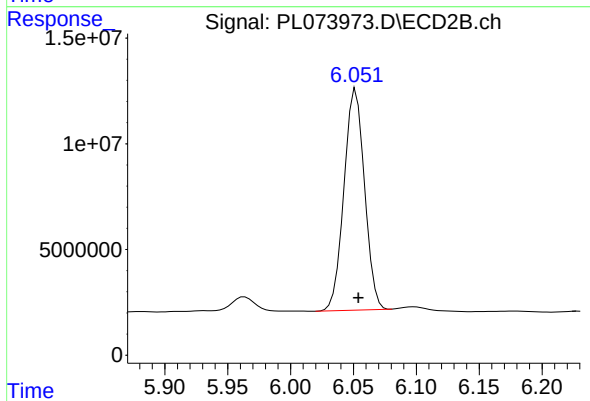
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 30605596
Conc: 17.17 ng/ml



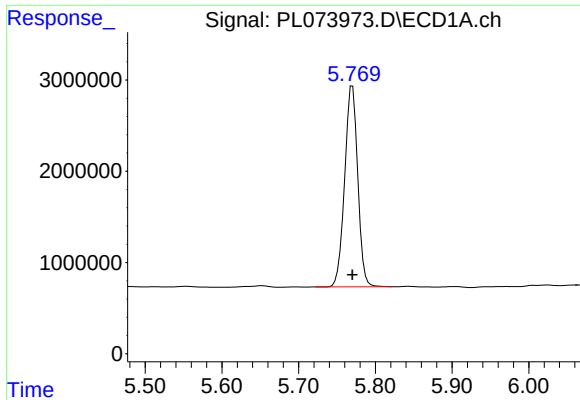
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 21831905
Conc: 52.02 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 118997970
Conc: 47.26 ng/ml



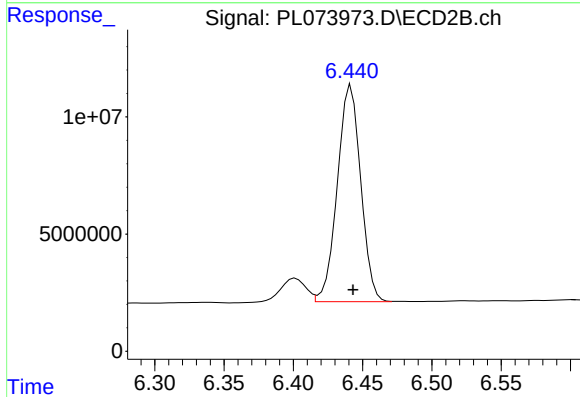
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 26177751
Conc: 62.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

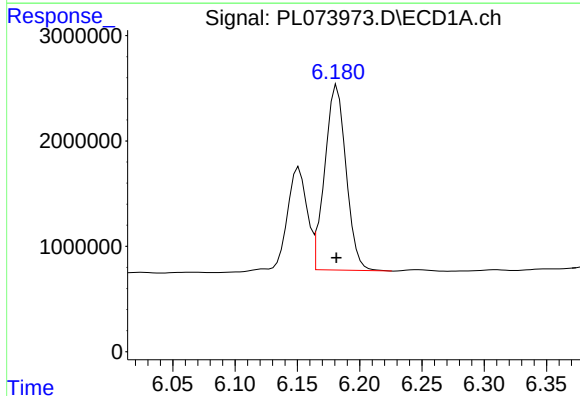
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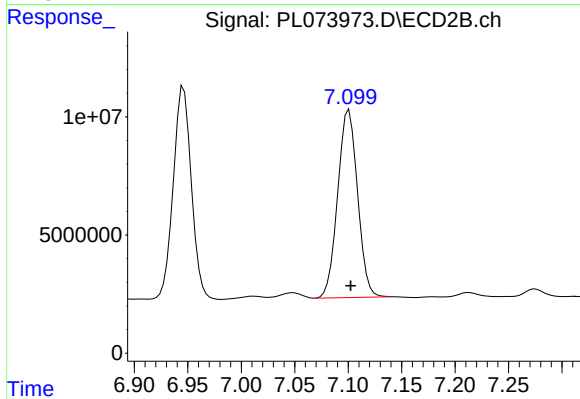
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 108523789
Conc: 45.85 ng/ml m



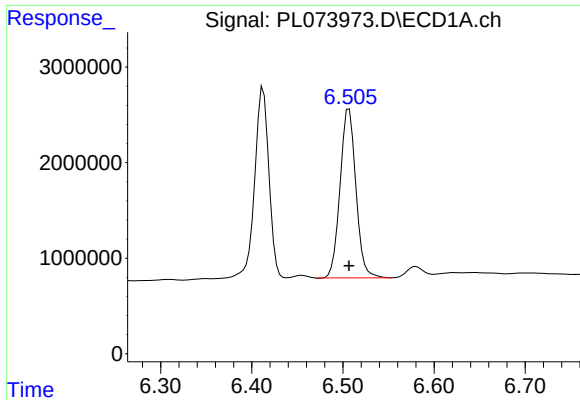
#4 Heptachlor

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 20853252
Conc: 46.29 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 102794069
Conc: 39.41 ng/ml



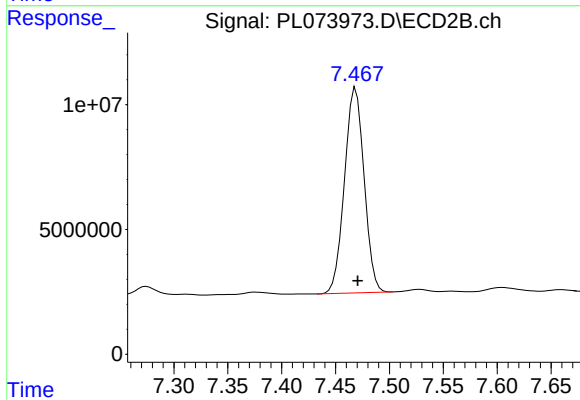
#5 Aldrin

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 21370712
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

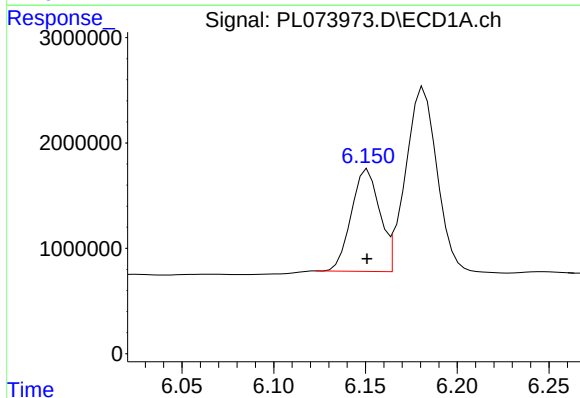
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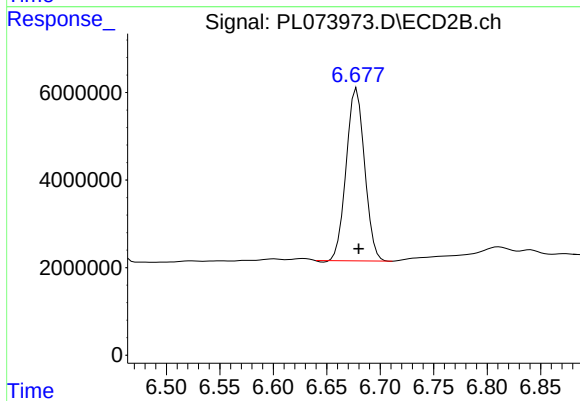
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 104154927
Conc: 44.35 ng/ml



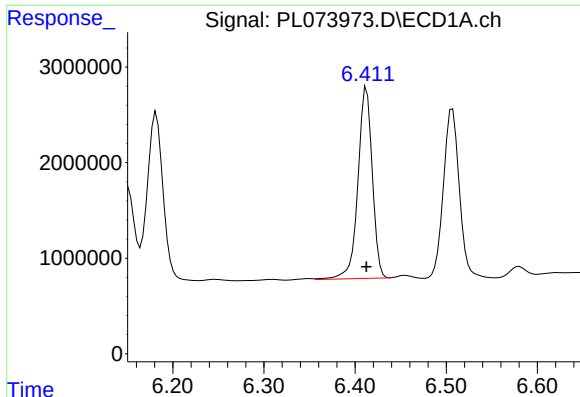
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 10397460
Conc: 50.89 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 47202562
Conc: 41.88 ng/ml



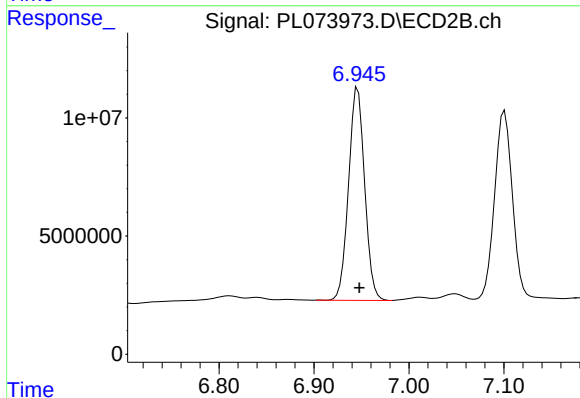
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 21848420
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

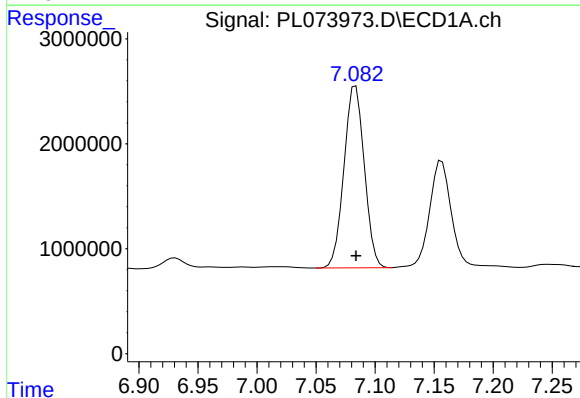
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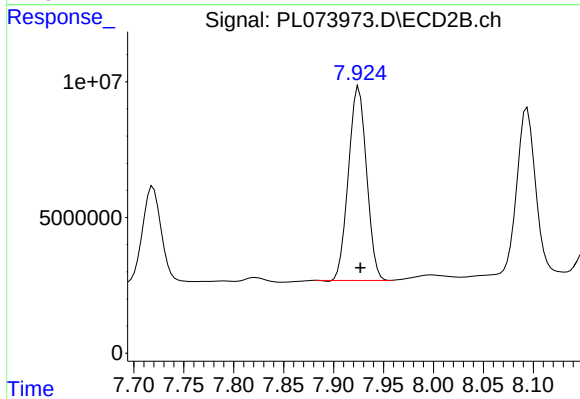
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 105870874
Conc: 43.35 ng/ml



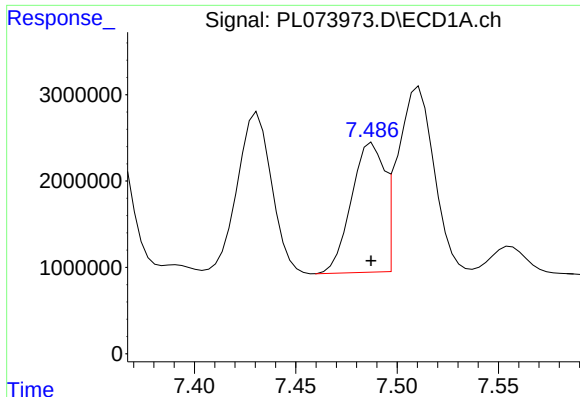
#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 20766311
Conc: 48.41 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 90093680
Conc: 40.01 ng/ml



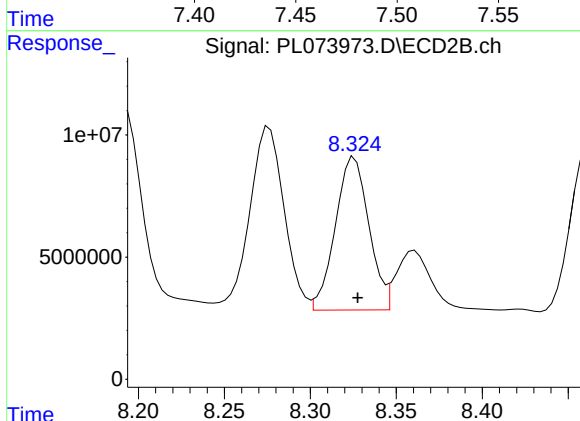
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 16739745
Conc: 40.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

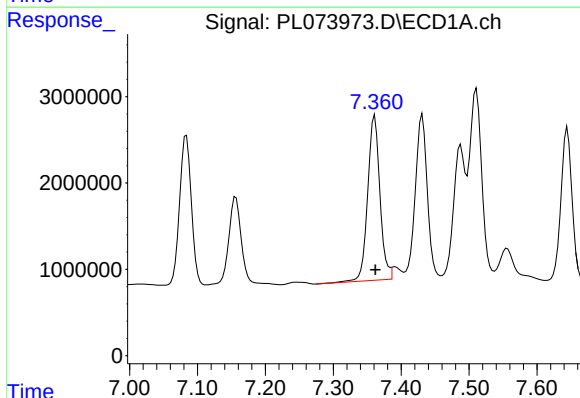
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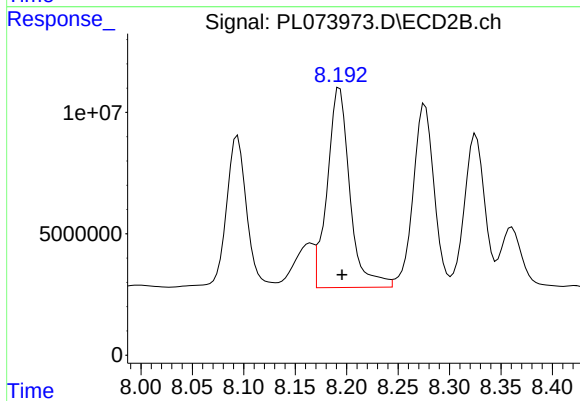
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 85011189
Conc: 43.18 ng/ml



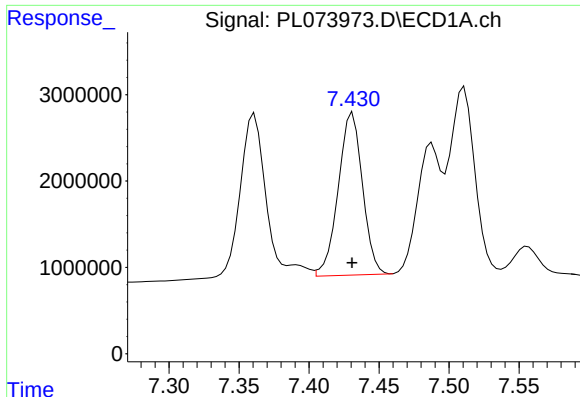
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 23910016
Conc: 54.52 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 125917881
Conc: 56.46 ng/ml



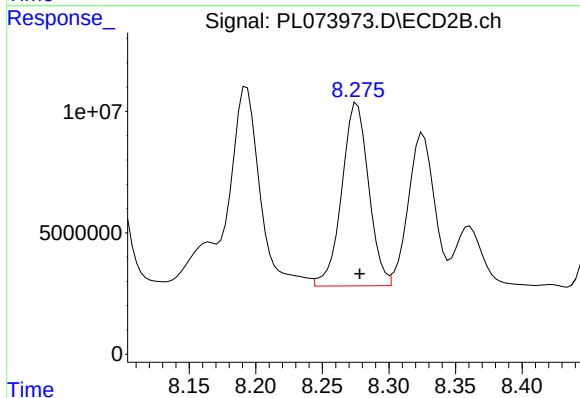
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 22689376
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

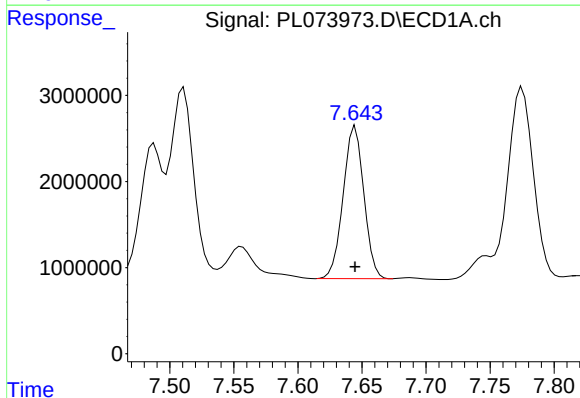
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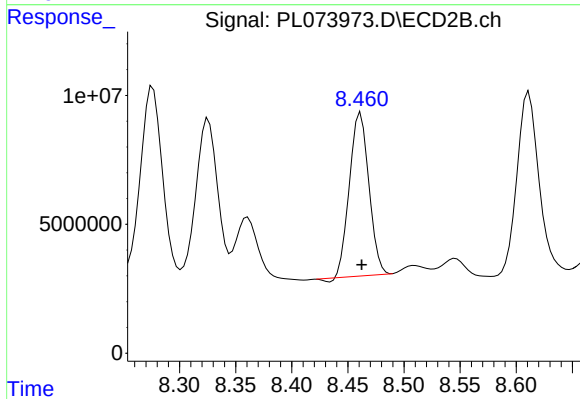
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 105897687
Conc: 49.20 ng/ml



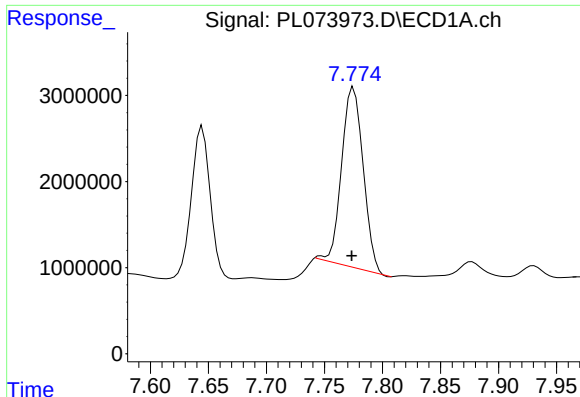
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 19906993
Conc: 54.57 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 76089176
Conc: 38.20 ng/ml



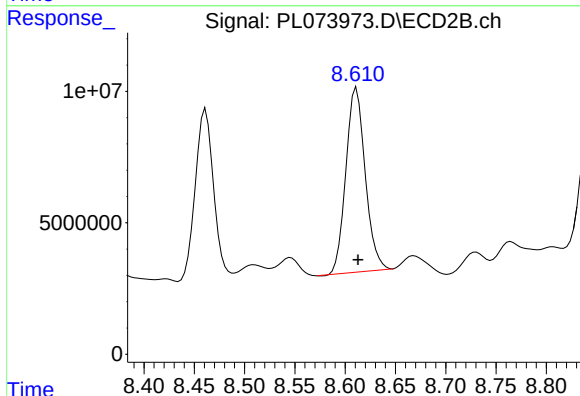
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: 0.002 min
Response: 27124918
Conc: 63.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

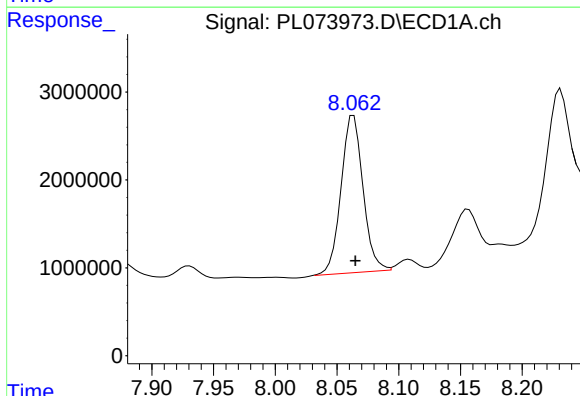
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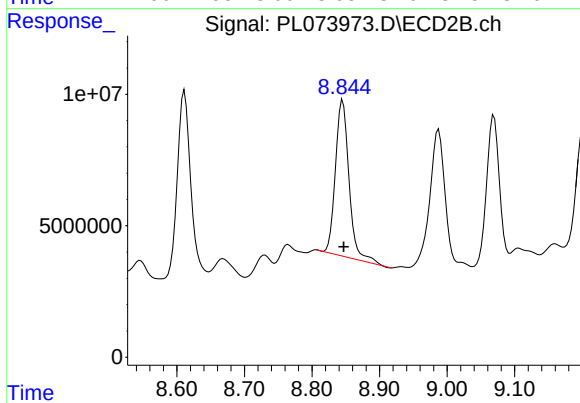
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 93442454
Conc: 46.60 ng/ml



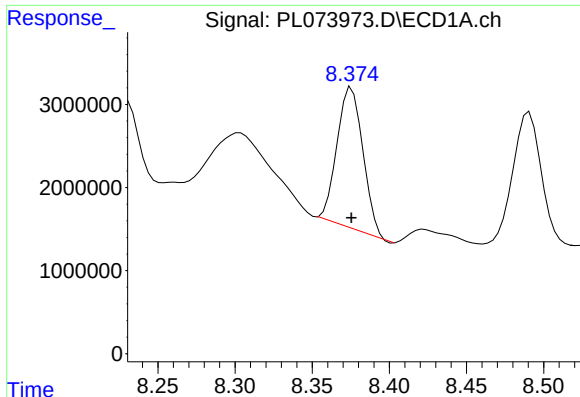
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 22118796
Conc: 54.45 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 83838407
Conc: 49.50 ng/ml



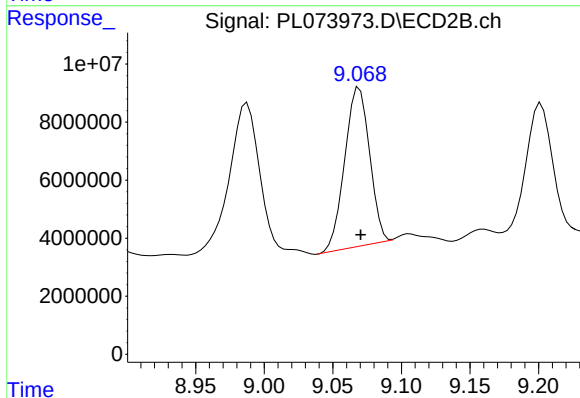
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 19829549
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

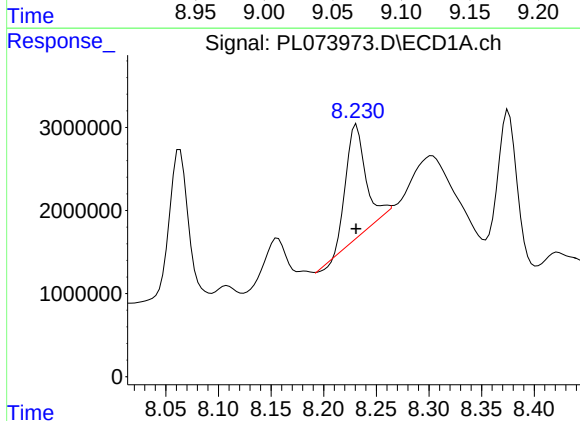
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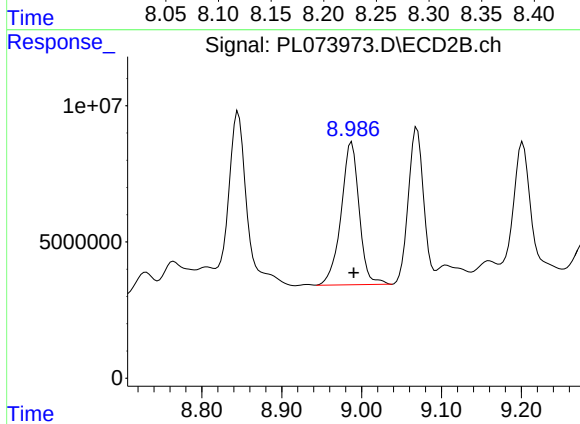
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 69013145
Conc: 39.73 ng/ml



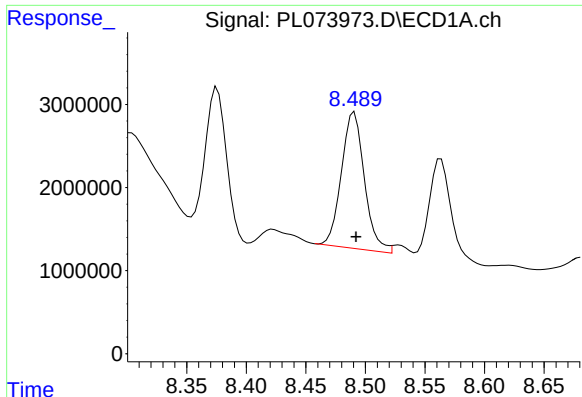
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 18253374
Conc: 56.52 ng/ml m



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 82413314
Conc: 53.56 ng/ml



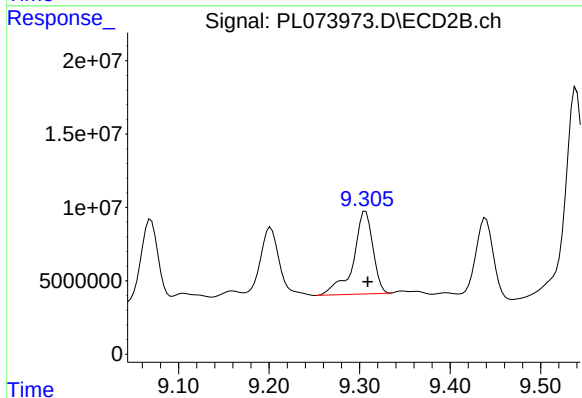
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 22135592
Conc: 59.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

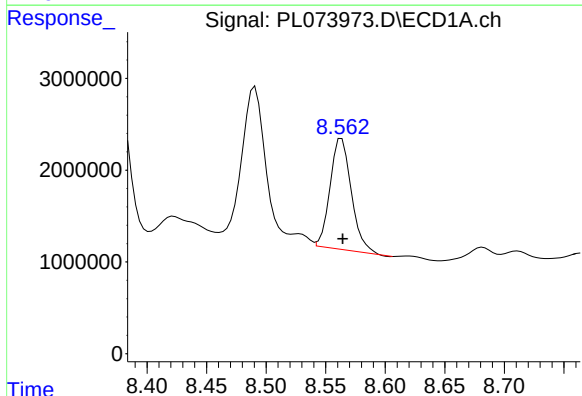
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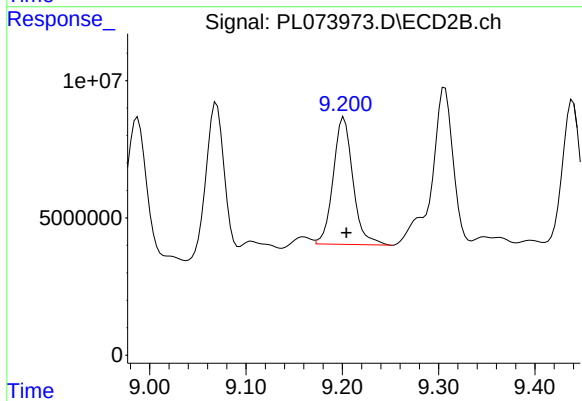
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 84645347
Conc: 47.75 ng/ml



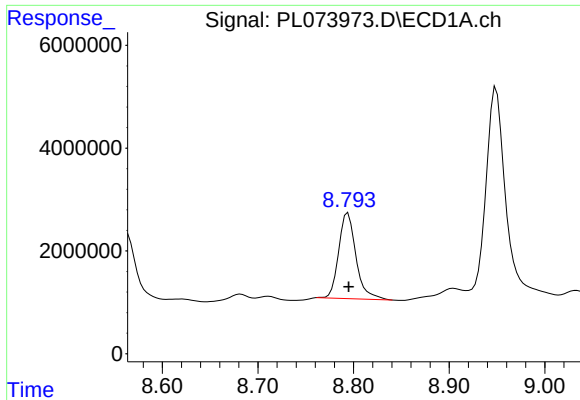
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 15064335
Conc: 46.56 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 65827806
Conc: 50.97 ng/ml



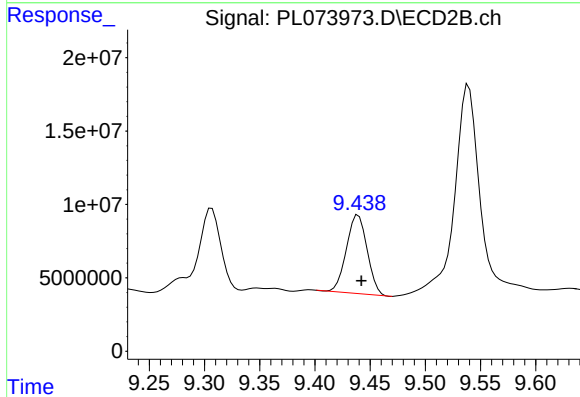
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 20982736
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

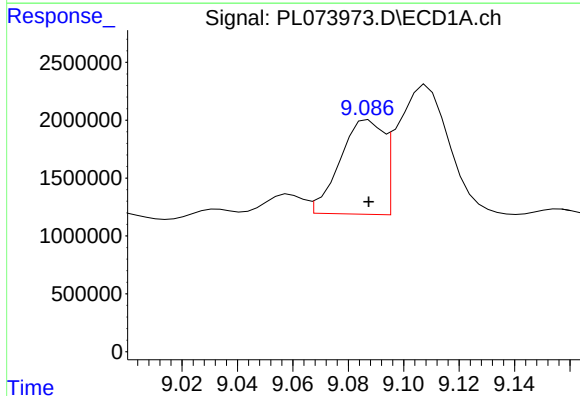
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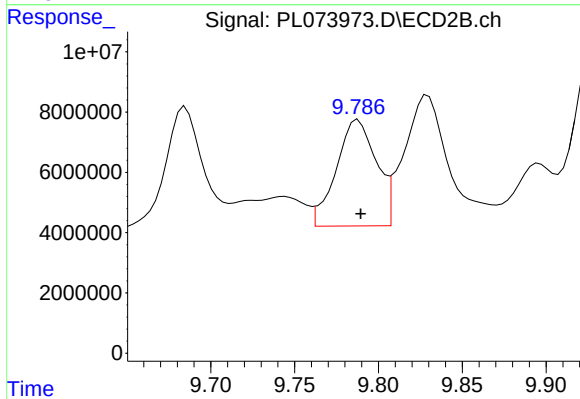
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 70008064
Conc: 42.06 ng/ml



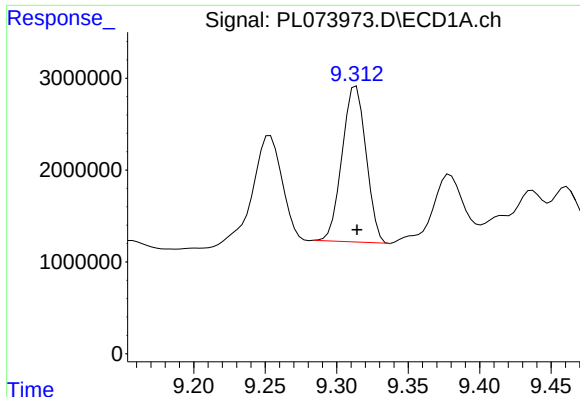
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 8789624
Conc: 35.40 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 58577078
Conc: 60.90 ng/ml



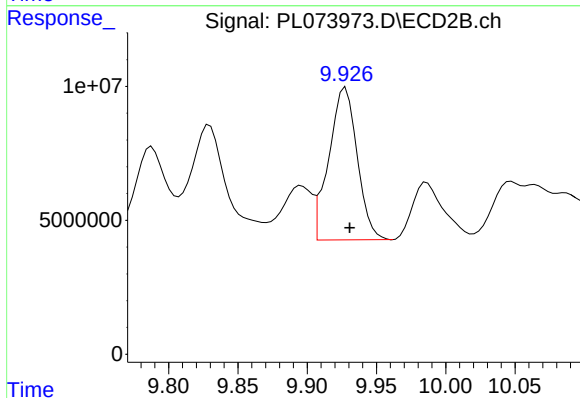
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: 0.000 min
Response: 19802670
Conc: 40.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

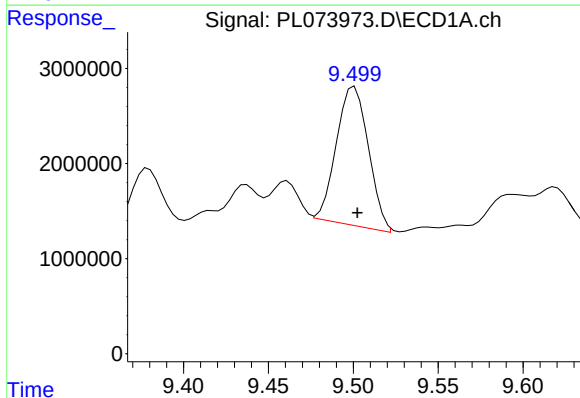
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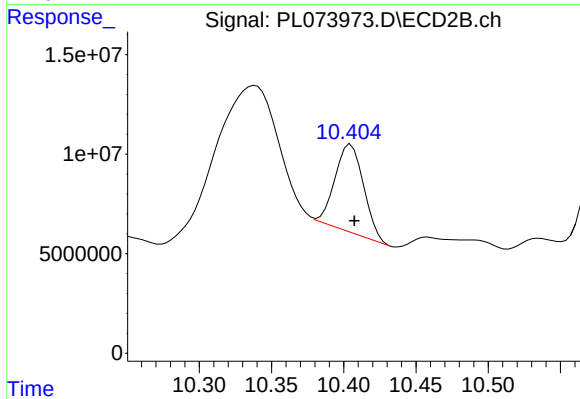
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 81128198
Conc: 46.87 ng/ml



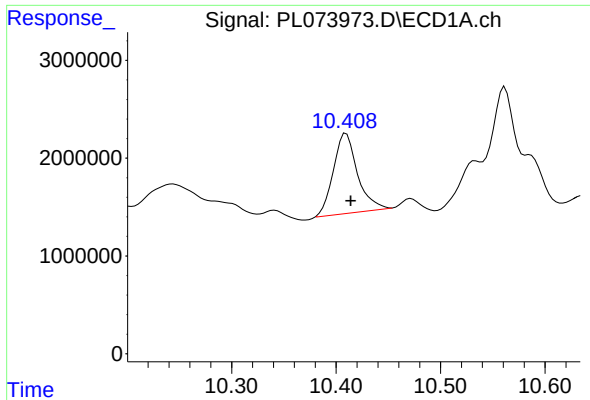
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 19118042
Conc: 40.99 ng/ml m



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 60222524
Conc: 43.72 ng/ml m



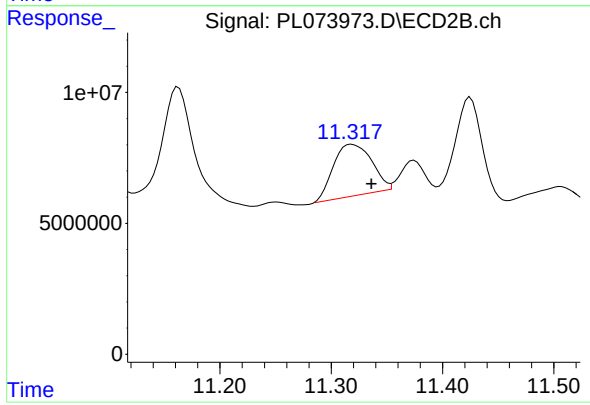
#28 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.004 min
Response: 13079934
Conc: 25.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/13/2022
Supervised By :mohammad ahmed 04/13/2022



#28 Decachlorobiphenyl

R.T.: 11.319 min
Delta R.T.: -0.017 min
Response: 47167386
Conc: 26.70 ng/ml