

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030823\
 Data File : PL081323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2023 16:16
 Operator : AR\AJ
 Sample : 01829-12MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SS-10-20230306MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/09/2023
 Supervised By :Ankita Jodhani 03/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 20:37:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 2023
 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...	3.332	2.661	2789857	2103886	1.291m	1.040m
28)	SA Decachlor...	8.762	7.785	4530052	1465858	2.971m	0.765m#
Target Compounds							
2)	A alpha-BHC	3.783	3.164	9000656	8787457	2.829	2.998
3)	MA gamma-BHC...	4.111	3.492	9181713	9744640	3.103m	3.542
4)	MA Heptachlor	4.692	3.826	7922589	7952953	2.871	2.882
5)	MB Aldrin	5.030	4.104	7585046	7359399	2.981	2.807
6)	B beta-BHC	4.316	3.790	4766149	3753615	3.463	3.234m
7)	B delta-BHC	4.556	4.020	10042570	6904858	3.613	2.711
8)	B Heptachlo...	5.456	4.607	7995701	7334918	3.388	3.033
9)	A Endosulfan I	5.836	4.975	6959052	10568090	3.294	4.669 #
10)	B gamma-Chl...	5.710	4.855	8180131	10641165	3.585m	4.347
11)	B alpha-Chl...	5.787	4.920	8429400	9905935	3.742m	4.046
12)	B 4,4'-DDE	5.966	5.110	8257221	6498554	4.220	3.311
13)	MA Dieldrin	6.112	5.241	7961531	9037988	3.804	4.009
14)	MA Endrin	6.340	5.515	6371664	7725365	3.506	3.844
15)	B Endosulfa...	6.556	5.810	11918055	7719286	6.836	4.187 #
16)	A 4,4'-DDD	6.478	5.665	9773279	8635791	6.349m	5.629
17)	MA 4,4'-DDT	6.794	5.916	7524377	5507763	4.740m	3.433 #
18)	B Endrin al...	6.690	5.989	9850109	5034943	6.882m	3.323m#
19)	B Endosulfa...	6.924	6.214	5510816	13675529	3.069m	7.115 #
20)	A Methoxychlor	7.271	6.494	11431000	9322596	13.271m	10.045
21)	B Endrin ke...	7.400	6.721	14350891	8406840	7.911m	3.905m#
22)	Mirex	7.862	6.892	38177423	4827380	26.165	2.508m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030823\
 Data File : PL081323.D
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 Acq On : 08 Mar 2023 16:16
 Operator : AR\AJ
 Sample : 01829-12MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

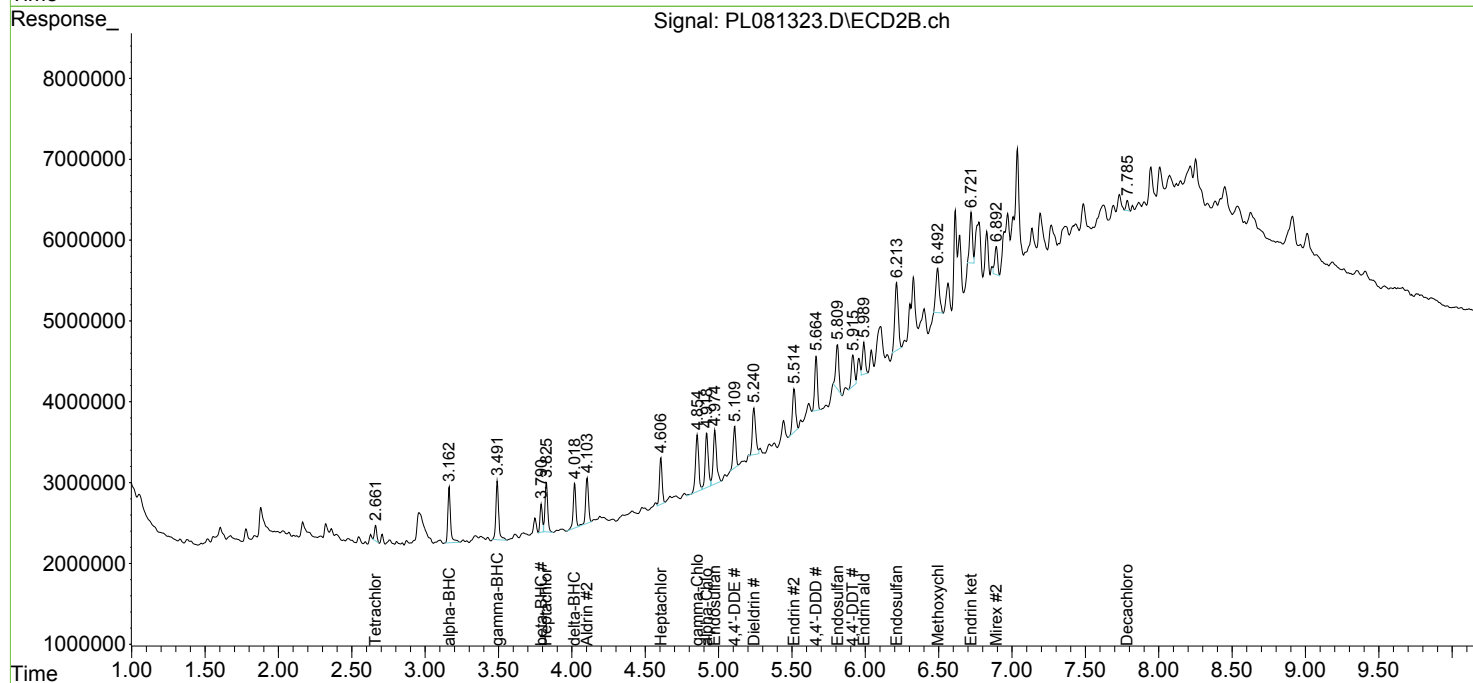
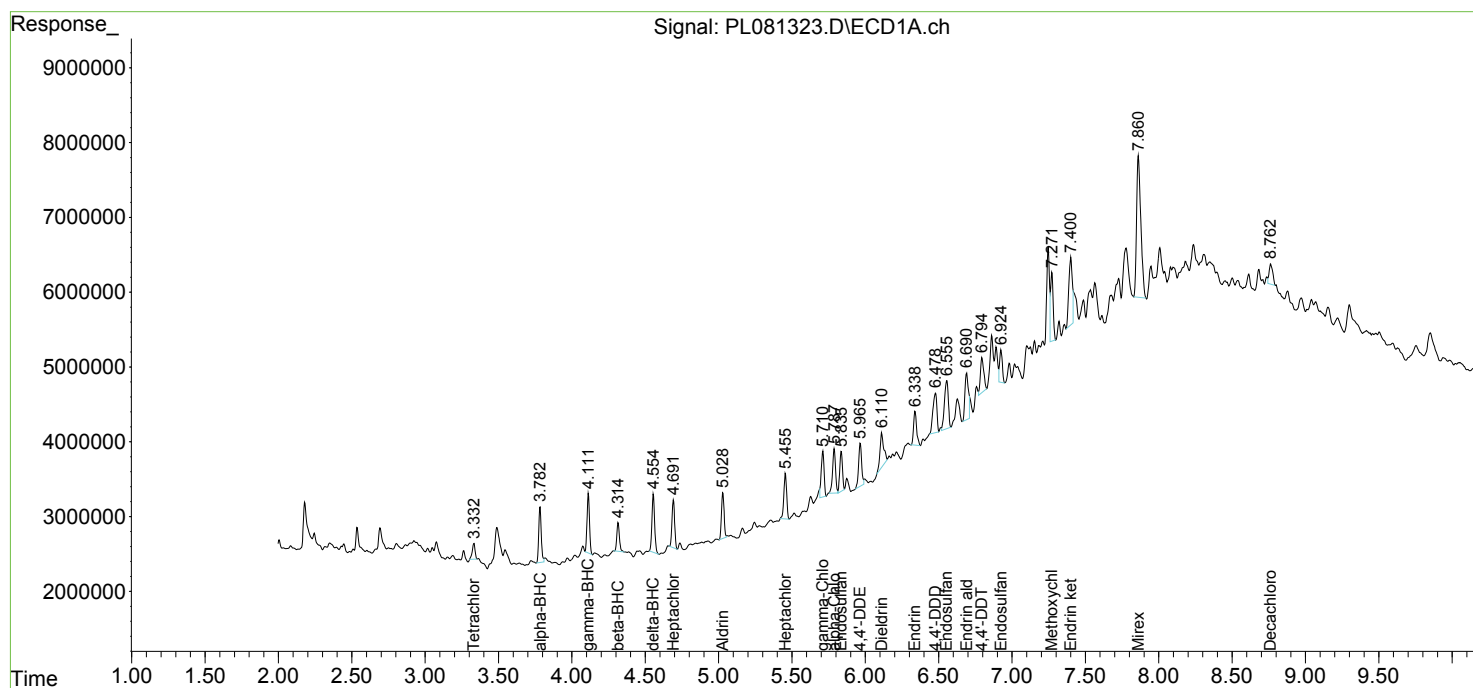
Instrument :
 ECD_L
 ClientSampleId :
 SS-10-20230306MSD

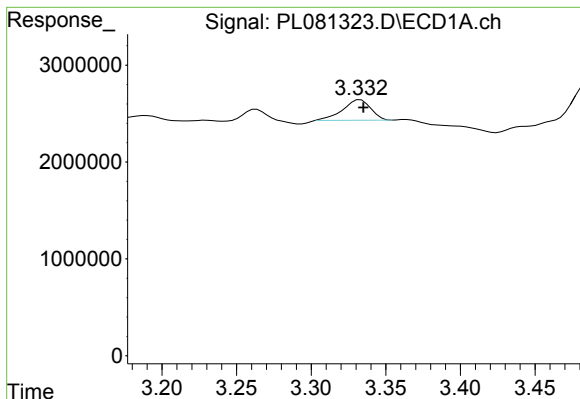
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





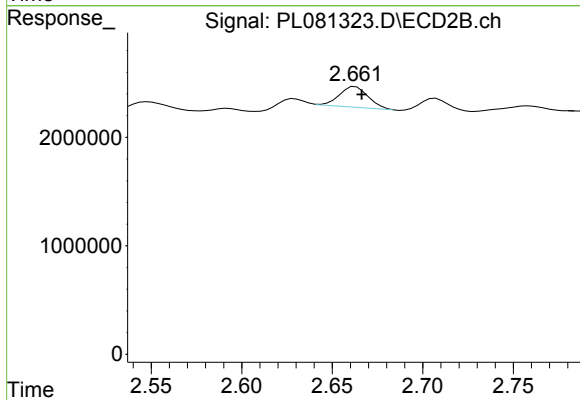
#1 Tetrachloro-m-xylene

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 2789857
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-10-20230306MSD

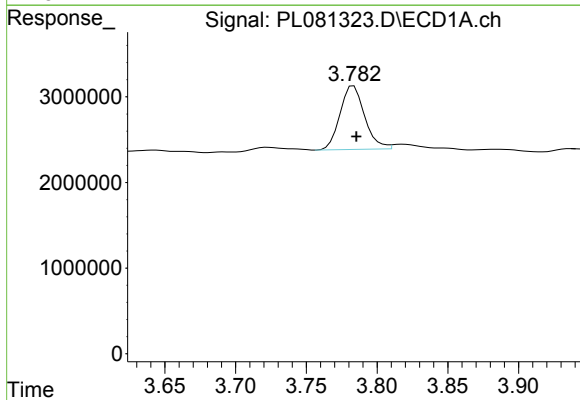
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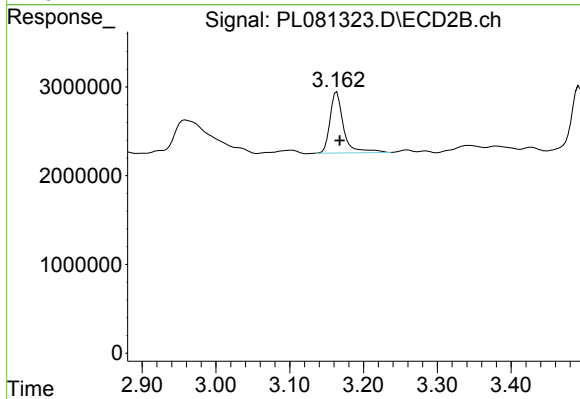
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: -0.005 min
Response: 2103886
Conc: 1.04 ng/ml m



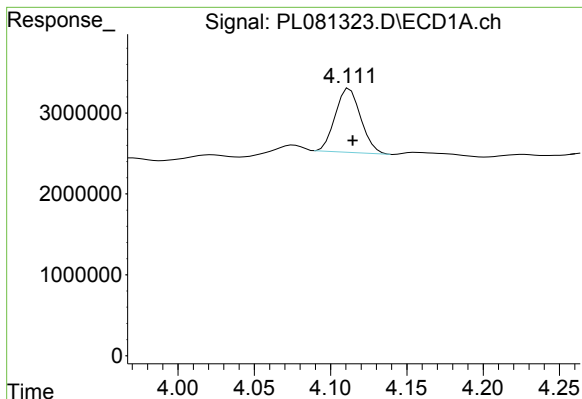
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 9000656
Conc: 2.83 ng/ml



#2 alpha-BHC

R.T.: 3.164 min
Delta R.T.: -0.004 min
Response: 8787457
Conc: 3.00 ng/ml



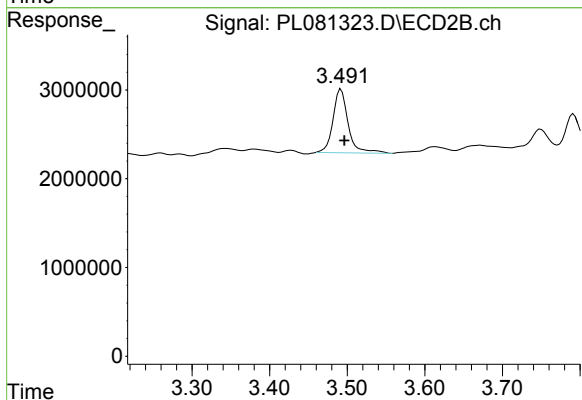
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: -0.003 min
Response: 9181713
Conc: 3.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-10-20230306MSD

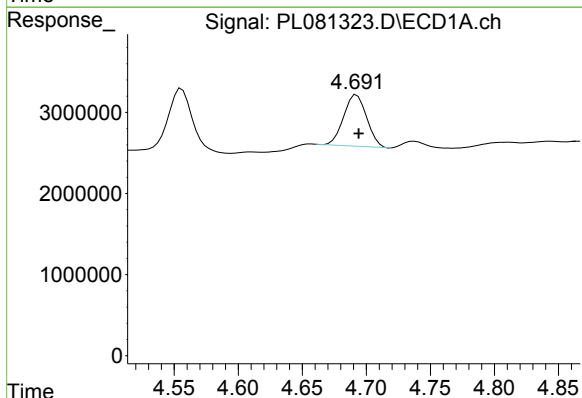
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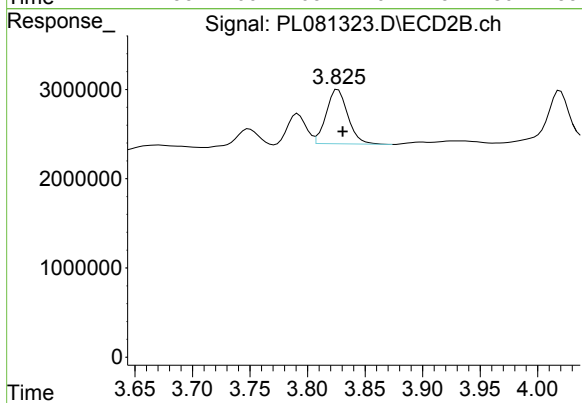
#3 gamma-BHC (Lindane)

R.T.: 3.492 min
Delta R.T.: -0.004 min
Response: 9744640
Conc: 3.54 ng/ml



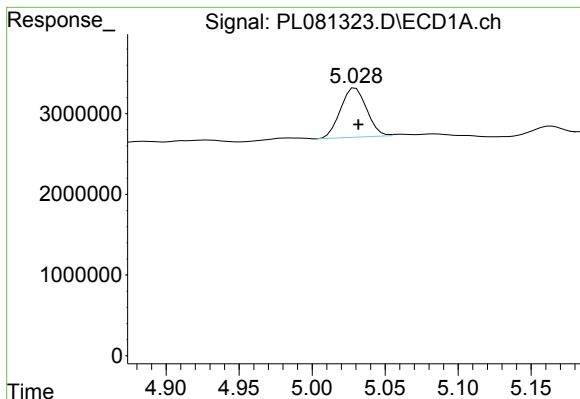
#4 Heptachlor

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 7922589
Conc: 2.87 ng/ml



#4 Heptachlor

R.T.: 3.826 min
Delta R.T.: -0.004 min
Response: 7952953
Conc: 2.88 ng/ml



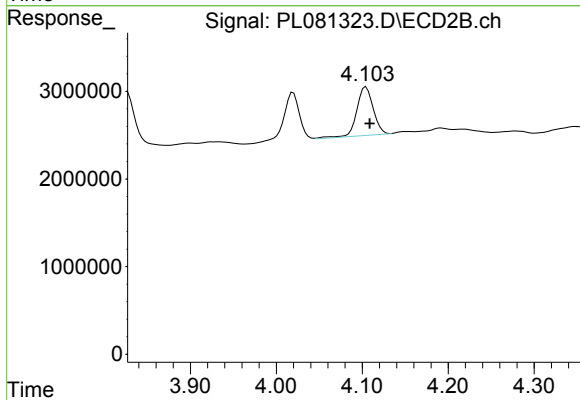
#5 Aldrin

R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 7585046
Conc: 2.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
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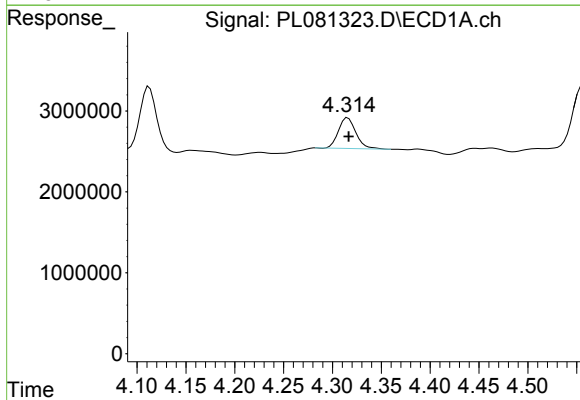
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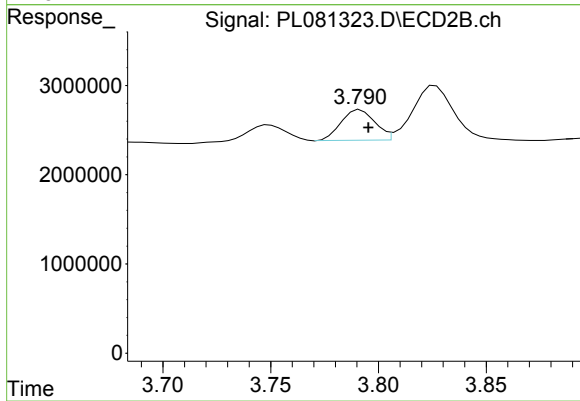
#5 Aldrin

R.T.: 4.104 min
Delta R.T.: -0.004 min
Response: 7359399
Conc: 2.81 ng/ml



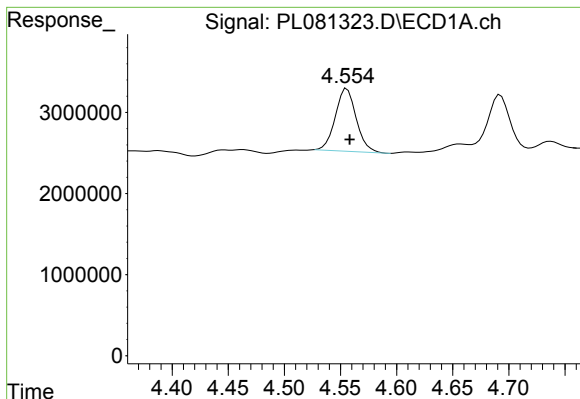
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 4766149
Conc: 3.46 ng/ml



#6 beta-BHC

R.T.: 3.790 min
Delta R.T.: -0.005 min
Response: 3753615
Conc: 3.23 ng/ml m



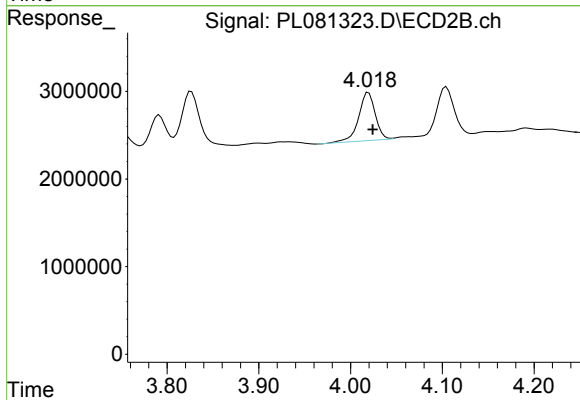
#7 delta-BHC

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 10042570
Conc: 3.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-10-20230306MSD

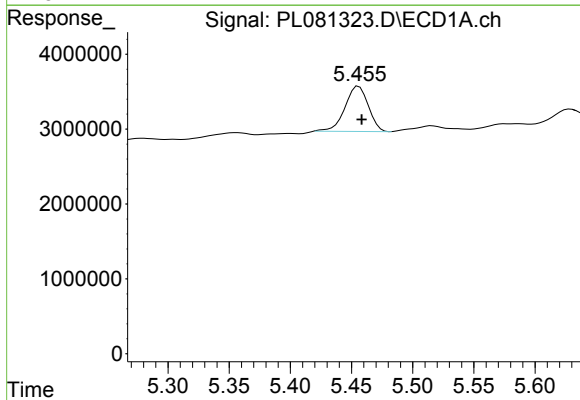
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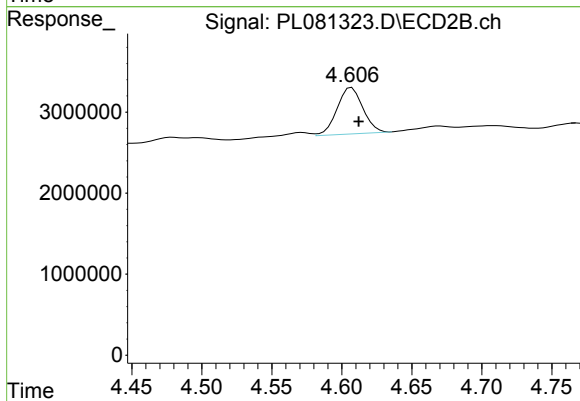
#7 delta-BHC

R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 6904858
Conc: 2.71 ng/ml



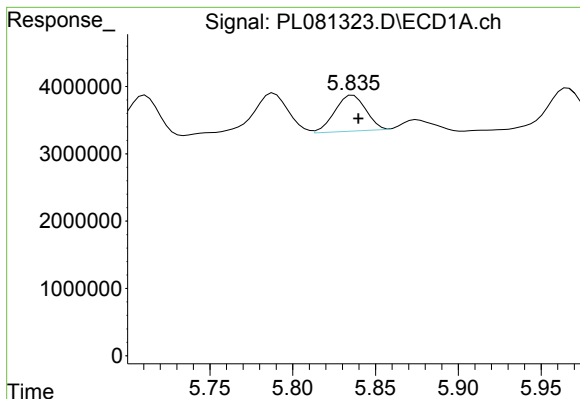
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: -0.002 min
Response: 7995701
Conc: 3.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.607 min
Delta R.T.: -0.005 min
Response: 7334918
Conc: 3.03 ng/ml



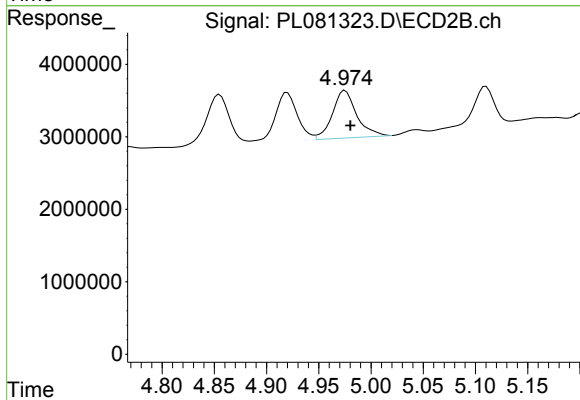
#9 Endosulfan I

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 6959052
Conc: 3.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-10-20230306MSD

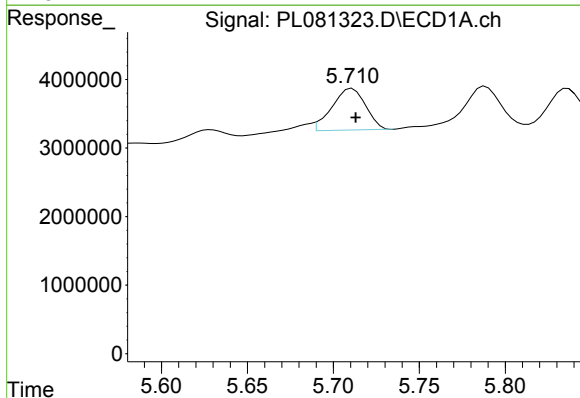
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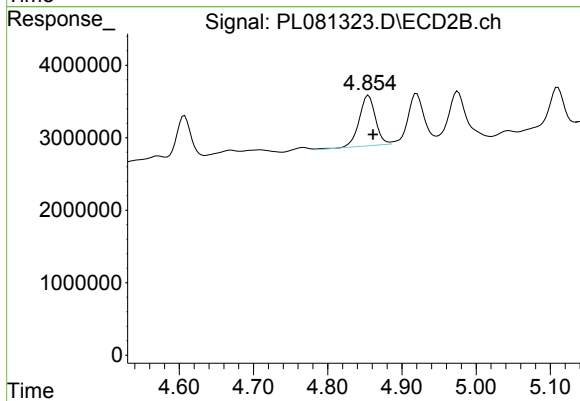
#9 Endosulfan I

R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 10568090
Conc: 4.67 ng/ml



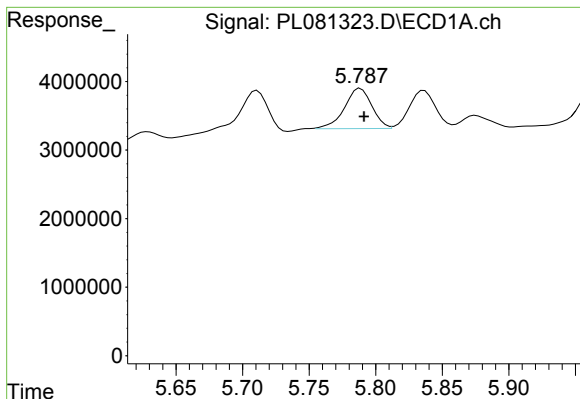
#10 gamma-Chlordane

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 8180131
Conc: 3.58 ng/ml m



#10 gamma-Chlordane

R.T.: 4.855 min
Delta R.T.: -0.006 min
Response: 10641165
Conc: 4.35 ng/ml



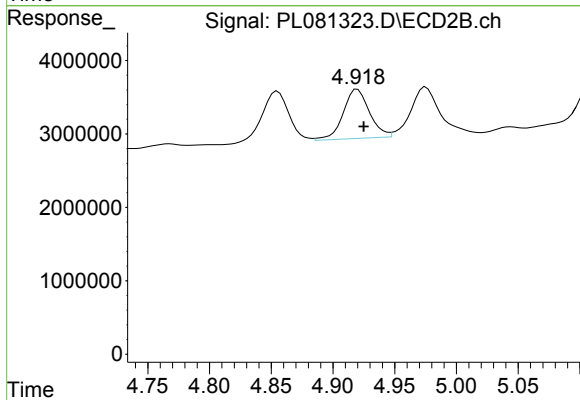
#11 alpha-Chlordane

R.T.: 5.787 min
Delta R.T.: -0.004 min
Response: 8429400
Conc: 3.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
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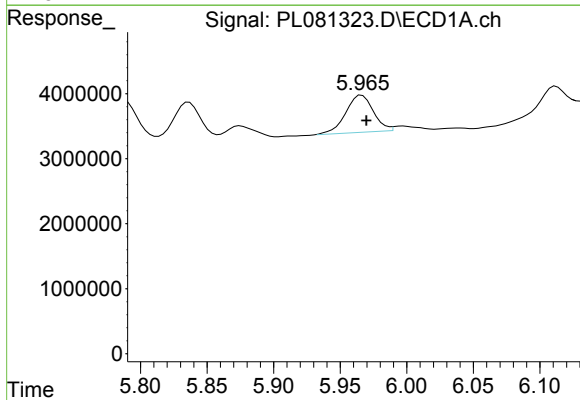
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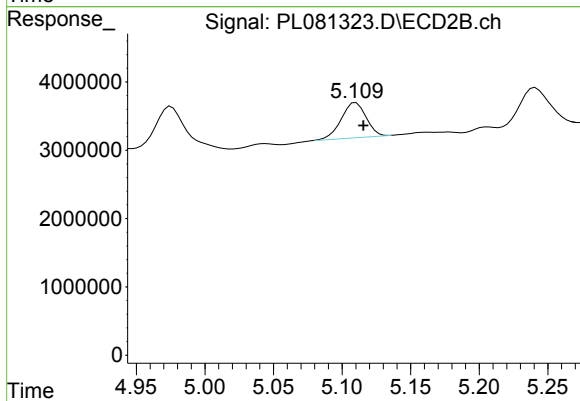
#11 alpha-Chlordane

R.T.: 4.920 min
Delta R.T.: -0.005 min
Response: 9905935
Conc: 4.05 ng/ml



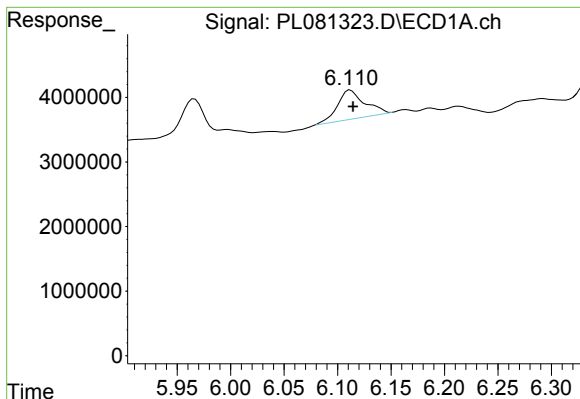
#12 4,4'-DDE

R.T.: 5.966 min
Delta R.T.: -0.003 min
Response: 8257221
Conc: 4.22 ng/ml



#12 4,4'-DDE

R.T.: 5.110 min
Delta R.T.: -0.005 min
Response: 6498554
Conc: 3.31 ng/ml



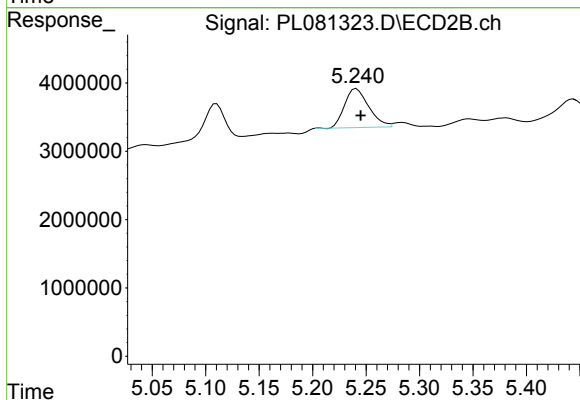
#13 Dieldrin

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 7961531
Conc: 3.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-10-20230306MSD

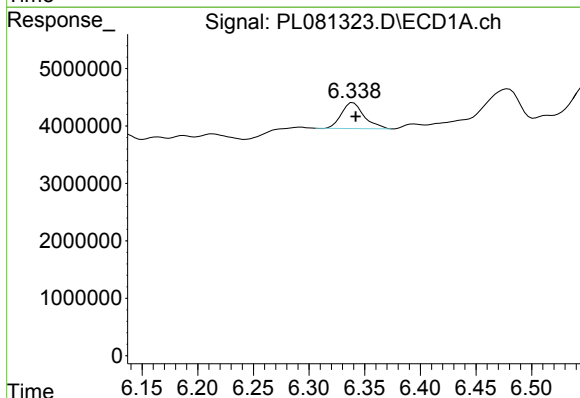
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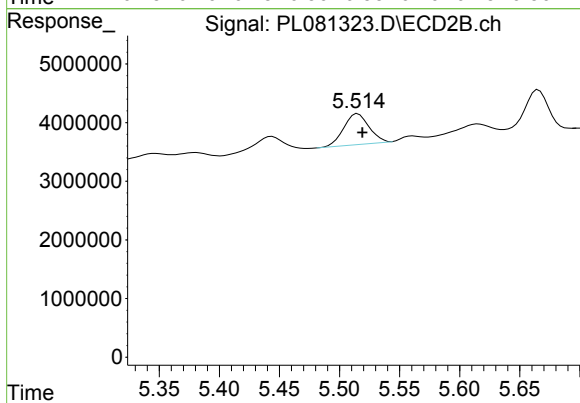
#13 Dieldrin

R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 9037988
Conc: 4.01 ng/ml



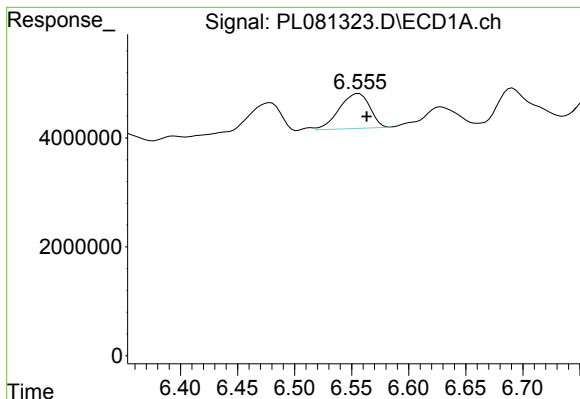
#14 Endrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 6371664
Conc: 3.51 ng/ml



#14 Endrin

R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 7725365
Conc: 3.84 ng/ml



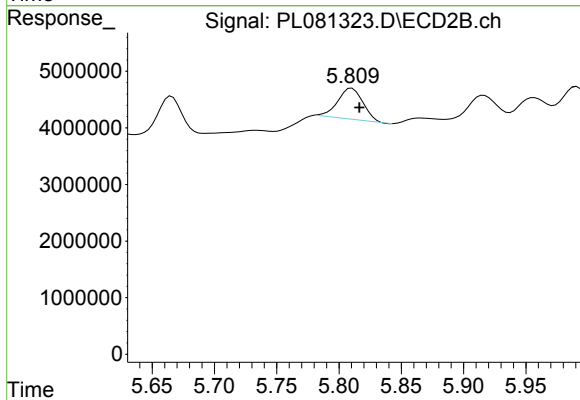
#15 Endosulfan II

R.T.: 6.556 min
Delta R.T.: -0.007 min
Response: 11918055
Conc: 6.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-10-20230306MSD

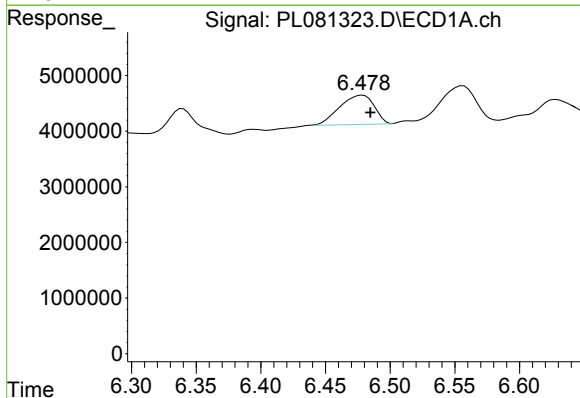
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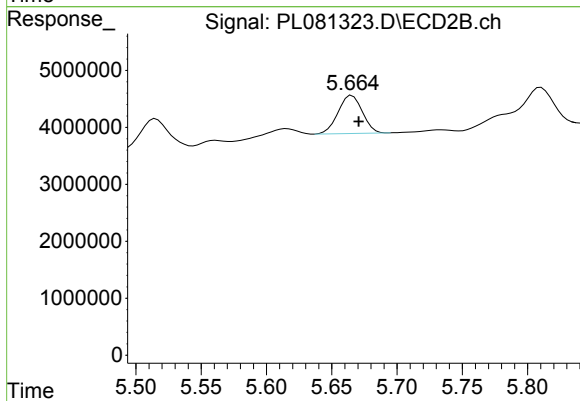
#15 Endosulfan II

R.T.: 5.810 min
Delta R.T.: -0.006 min
Response: 7719286
Conc: 4.19 ng/ml



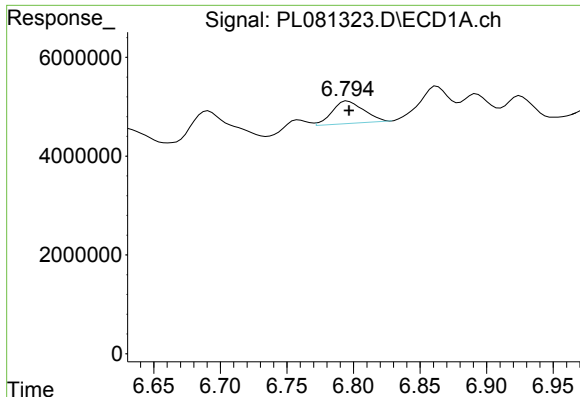
#16 4,4'-DDD

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 9773279
Conc: 6.35 ng/ml m



#16 4,4'-DDD

R.T.: 5.665 min
Delta R.T.: -0.005 min
Response: 8635791
Conc: 5.63 ng/ml



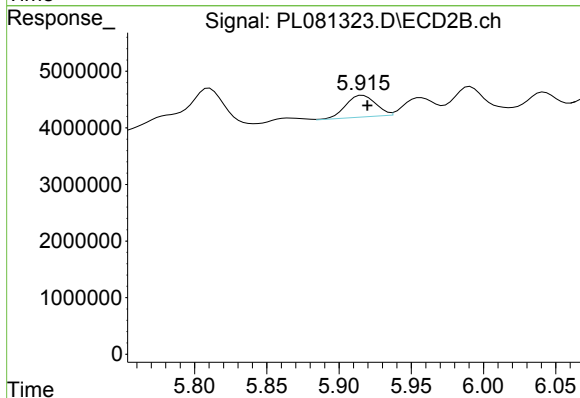
#17 4,4'-DDT

R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 7524377
Conc: 4.74 ng/ml

Instrument :
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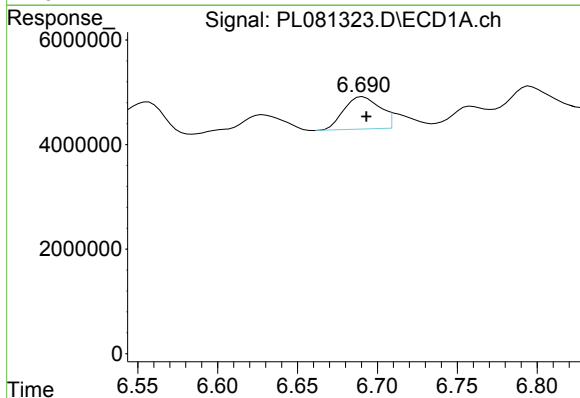
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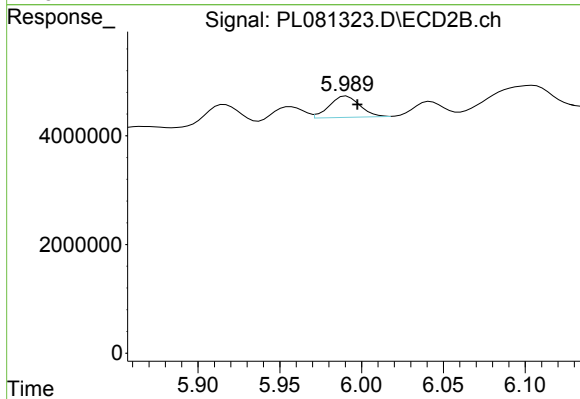
#17 4,4'-DDT

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 5507763
Conc: 3.43 ng/ml



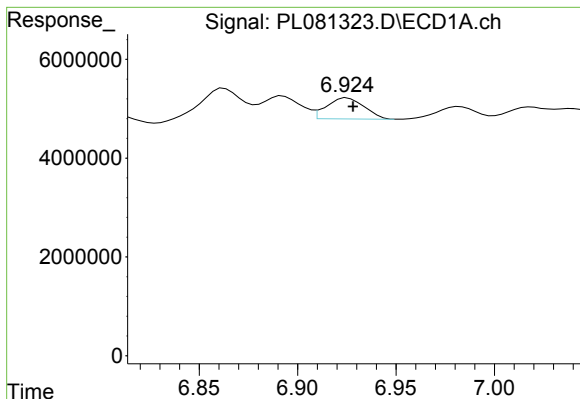
#18 Endrin aldehyde

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 9850109
Conc: 6.88 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 5034943
Conc: 3.32 ng/ml m



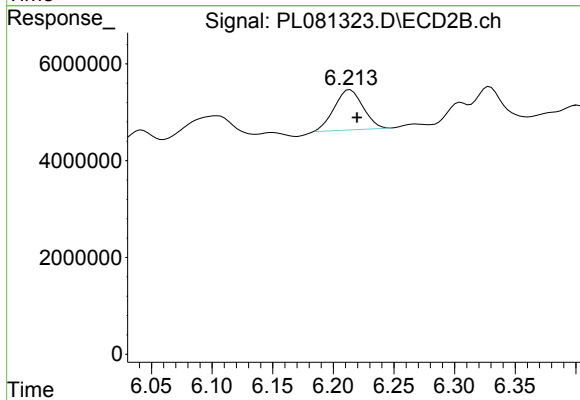
#19 Endosulfan Sulfate

R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 5510816
Conc: 3.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-10-20230306MSD

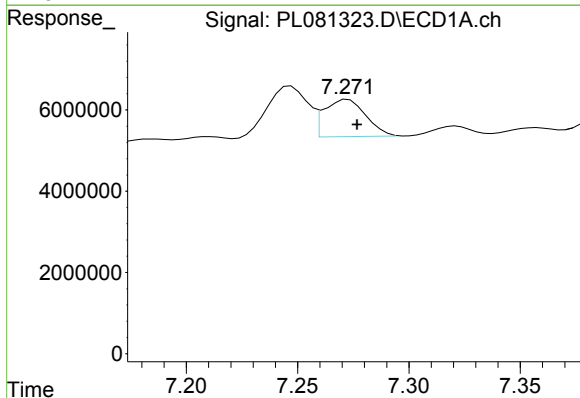
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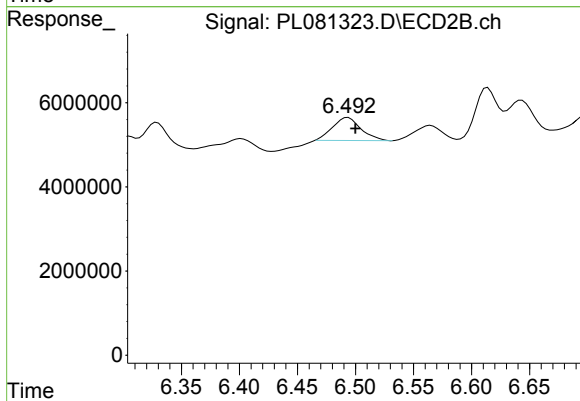
#19 Endosulfan Sulfate

R.T.: 6.214 min
Delta R.T.: -0.006 min
Response: 13675529
Conc: 7.12 ng/ml



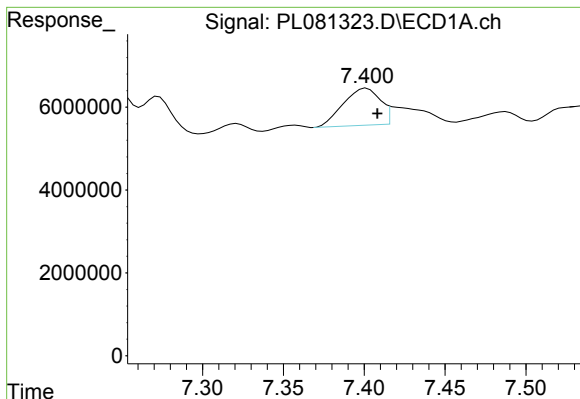
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.005 min
Response: 11431000
Conc: 13.27 ng/ml m



#20 Methoxychlor

R.T.: 6.494 min
Delta R.T.: -0.006 min
Response: 9322596
Conc: 10.04 ng/ml



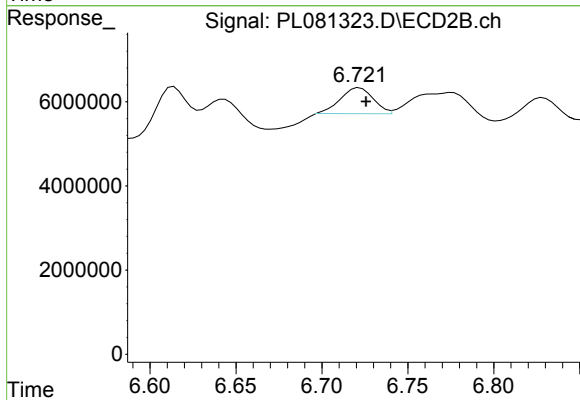
#21 Endrin ketone

R.T.: 7.400 min
Delta R.T.: -0.008 min
Response: 14350891
Conc: 7.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-10-20230306MSD

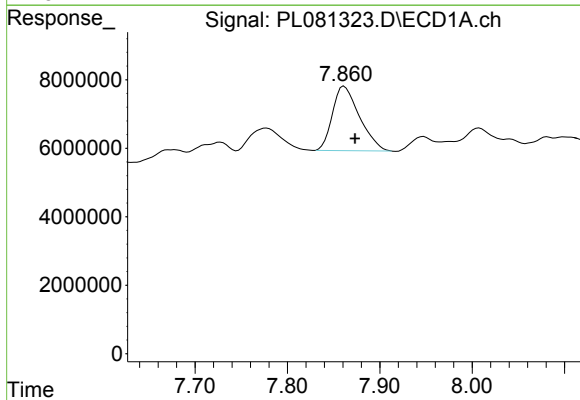
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/09/2023
Supervised By :Ankita Jodhani 03/09/2023



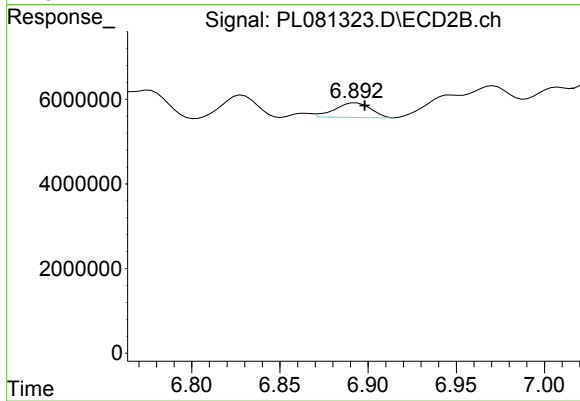
#21 Endrin ketone

R.T.: 6.721 min
Delta R.T.: -0.005 min
Response: 8406840
Conc: 3.90 ng/ml m



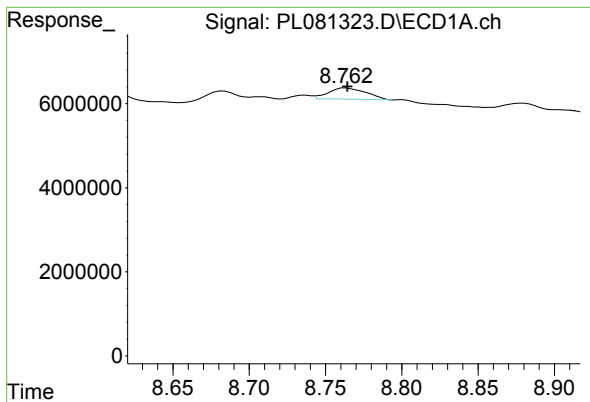
#22 Mirex

R.T.: 7.862 min
Delta R.T.: -0.012 min
Response: 38177423
Conc: 26.16 ng/ml



#22 Mirex

R.T.: 6.892 min
Delta R.T.: -0.006 min
Response: 4827380
Conc: 2.51 ng/ml m



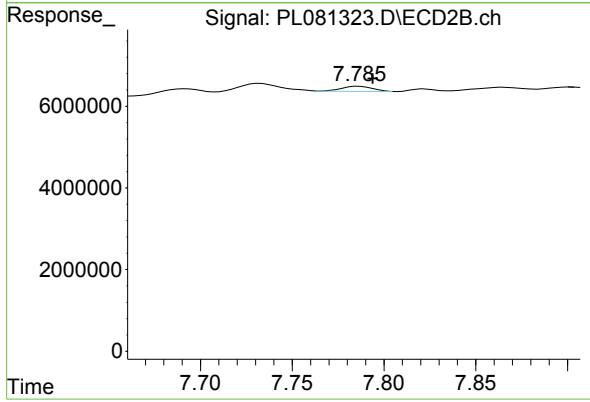
#28 Decachlorobiphenyl

R.T.: 8.762 min
Delta R.T.: -0.003 min
Response: 4530052
Conc: 2.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-10-20230306MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/09/2023
Supervised By :Ankita Jodhani 03/09/2023



#28 Decachlorobiphenyl

R.T.: 7.785 min
Delta R.T.: -0.009 min
Response: 1465858
Conc: 0.77 ng/ml m