

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051923\  
 Data File : PL082854.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 May 2023 01:20  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**  
 ECD\_L  
**ClientSampleId :**  
 PSTDCCC050

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Abdul Mirza 05/22/2023  
 Supervised By :Ankita Jodhani 05/22/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 09:30:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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...	3.317	2.638	155.9E6	138.3E6	53.051	53.270
28) SA Decachlor...	8.731	7.743	107.4E6	127.8E6	51.202	51.412
Target Compounds						
2) A alpha-BHC	3.766	3.135	239.4E6	201.3E6	53.926	53.943
3) MA gamma-BHC...	4.094	3.461	221.1E6	185.3E6	53.357	55.584
4) MA Heptachlor	4.671	3.792	204.0E6	190.6E6	53.362	52.052
5) MB Aldrin	5.008	4.068	190.5E6	174.2E6	54.154	53.537
6) B beta-BHC	4.298	3.761	94746532	77191962	50.324	53.977
7) B delta-BHC	4.539	3.987	211.2E6	182.9E6	61.429	55.808
8) B Heptachlo...	5.434	4.569	172.3E6	158.9E6	53.860	53.556
9) A Endosulfan I	5.814	4.936	160.6E6	147.5E6	53.539	52.773
10) B gamma-Chl...	5.687	4.818	171.5E6	160.2E6	53.987m	53.355
11) B alpha-Chl...	5.766	4.880	172.8E6	159.8E6	53.843	53.223
12) B 4,4'-DDE	5.945	5.070	147.1E6	133.5E6	53.350	54.987m
13) MA Dieldrin	6.089	5.200	158.3E6	151.4E6	52.633	53.644
14) MA Endrin	6.316	5.474	136.6E6	134.7E6	50.820	53.112
15) B Endosulfa...	6.538	5.771	129.3E6	125.5E6	48.792	50.719
16) A 4,4'-DDD	6.461	5.625	118.2E6	108.2E6	54.395	56.267
17) MA 4,4'-DDT	6.771	5.874	124.7E6	116.9E6	49.830	52.398
18) B Endrin al...	6.668	5.951	101.1E6	101.4E6	50.272	51.283
19) B Endosulfa...	6.902	6.173	134.2E6	129.4E6	52.349	52.820
20) A Methoxychlor	7.252	6.452	66372533	64662750	50.192	50.846
21) B Endrin ke...	7.382	6.677	136.5E6	144.0E6	53.521	53.260
22) Mirex	7.845	6.848	104.9E6	121.6E6	50.059	51.981

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051923\  
 Data File : PL082854.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 May 2023 01:20  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD\_L

ClientSampleId :

PSTDCCC050

Manual Integrations

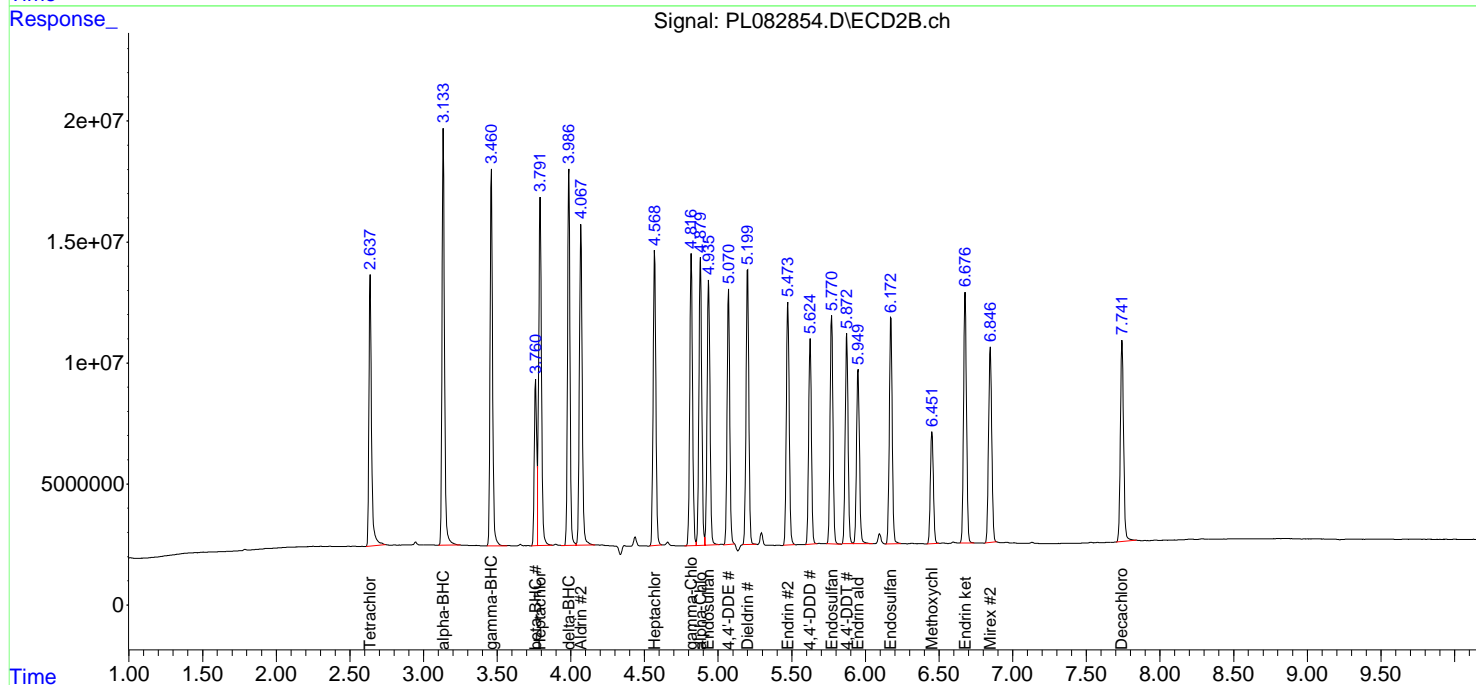
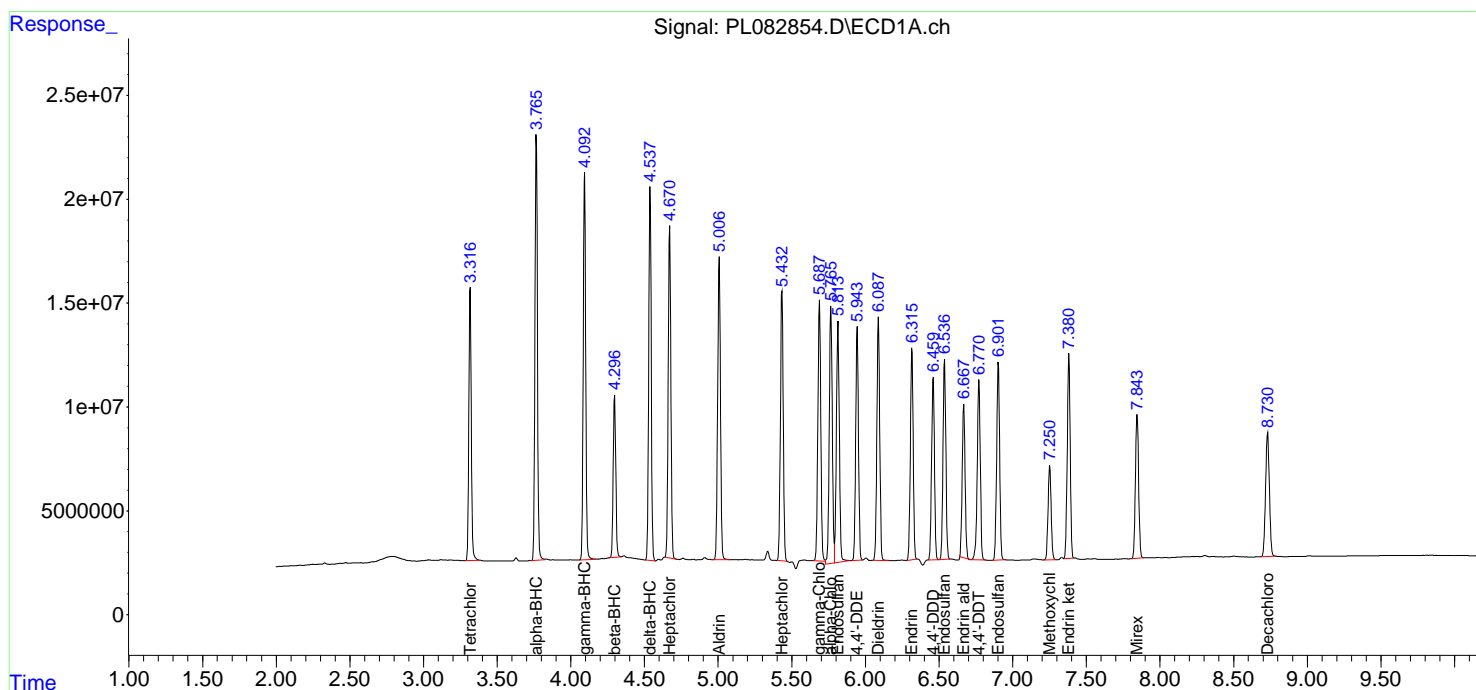
APPROVED

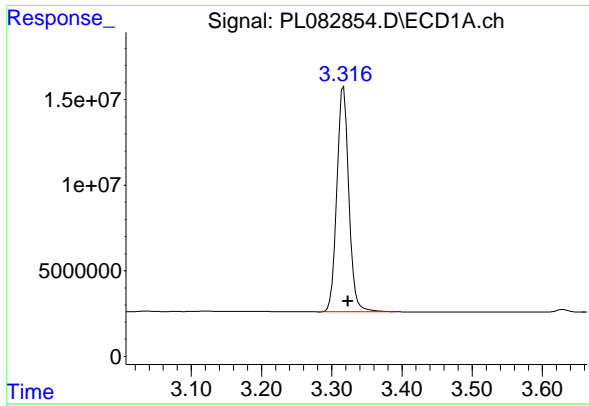
Reviewed By :Abdul Mirza 05/22/2023

Supervised By :Ankita Jodhani 05/22/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 09:30:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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





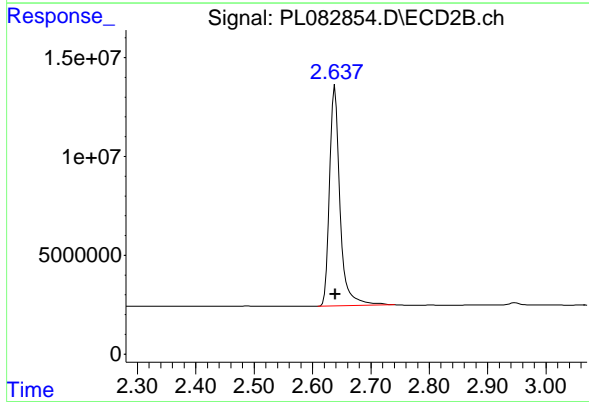
#1 Tetrachloro-m-xylene

R.T.: 3.317 min  
 Delta R.T.: -0.006 min  
 Response: 155916561  
 Conc: 53.05 ng/ml

Instrument : ECD\_L  
 Client Sample Id : PSTDCCC050

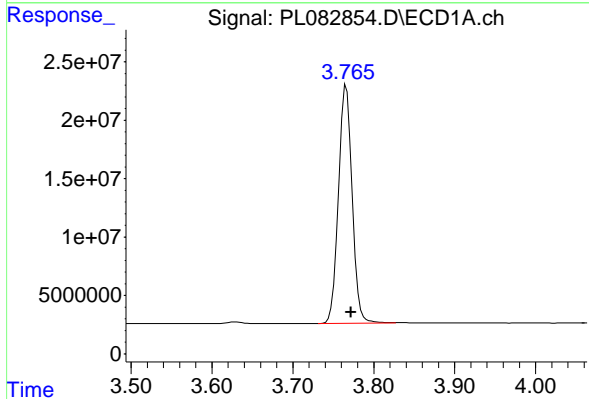
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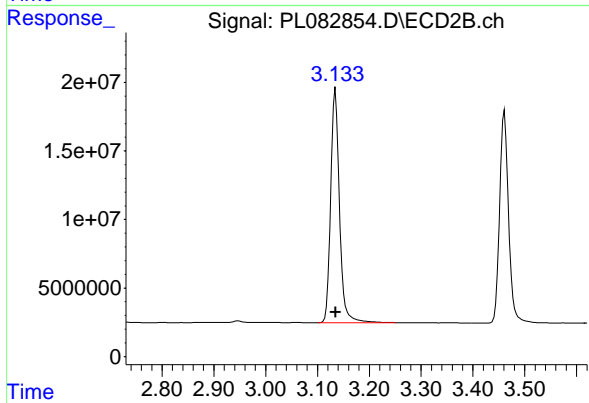
#1 Tetrachloro-m-xylene

R.T.: 2.638 min  
 Delta R.T.: 0.000 min  
 Response: 138292654  
 Conc: 53.27 ng/ml



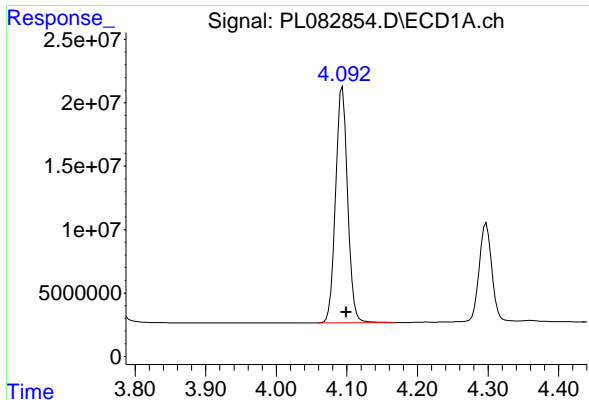
#2 alpha-BHC

R.T.: 3.766 min  
 Delta R.T.: -0.006 min  
 Response: 239390733  
 Conc: 53.93 ng/ml



#2 alpha-BHC

R.T.: 3.135 min  
 Delta R.T.: 0.000 min  
 Response: 201286101  
 Conc: 53.94 ng/ml



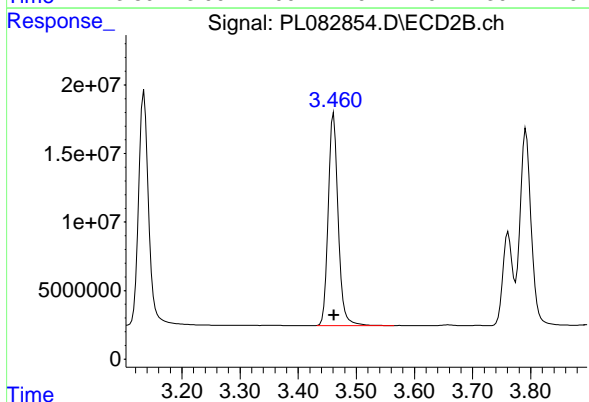
#3 gamma-BHC (Lindane)

R.T.: 4.094 min  
 Delta R.T.: -0.005 min  
 Response: 221052567  
 Conc: 53.36 ng/ml

Instrument :  
 ECD\_L  
 Client Sample Id :  
 PSTDCCC050

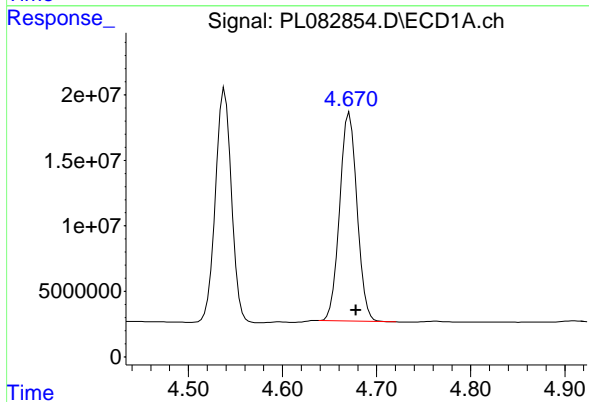
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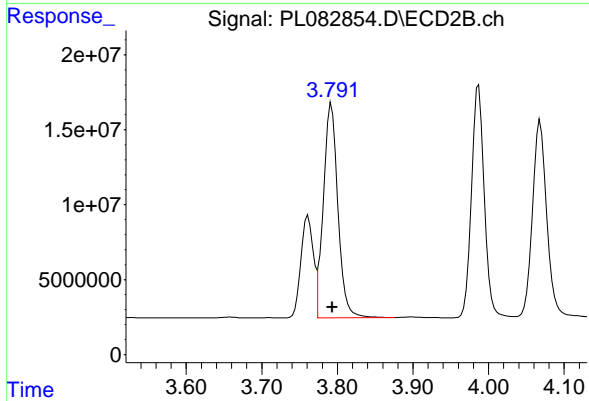
#3 gamma-BHC (Lindane)

R.T.: 3.461 min  
 Delta R.T.: 0.000 min  
 Response: 185278578  
 Conc: 55.58 ng/ml



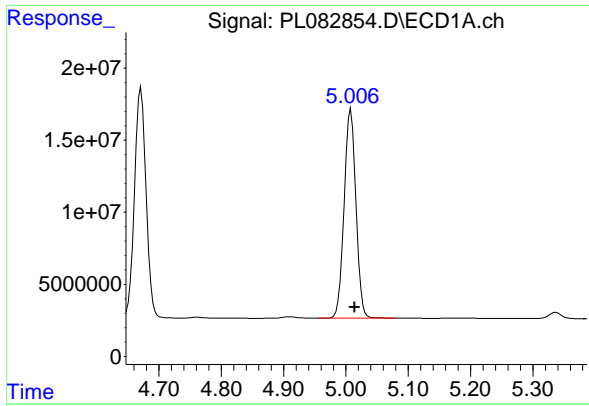
#4 Heptachlor

R.T.: 4.671 min  
 Delta R.T.: -0.007 min  
 Response: 203974876  
 Conc: 53.36 ng/ml



#4 Heptachlor

R.T.: 3.792 min  
 Delta R.T.: -0.001 min  
 Response: 190565383  
 Conc: 52.05 ng/ml



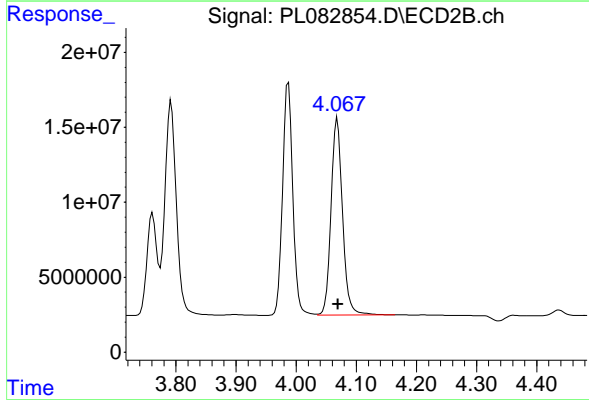
#5 Aldrin

R.T.: 5.008 min  
 Delta R.T.: -0.006 min  
 Response: 190520181  
 Conc: 54.15 ng/ml

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

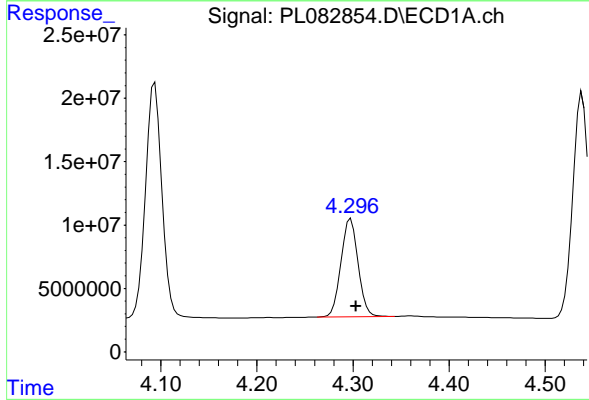
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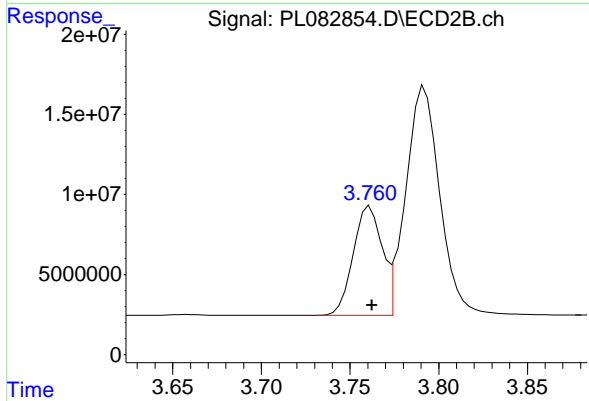
#5 Aldrin

R.T.: 4.068 min  
 Delta R.T.: -0.001 min  
 Response: 174189871  
 Conc: 53.54 ng/ml



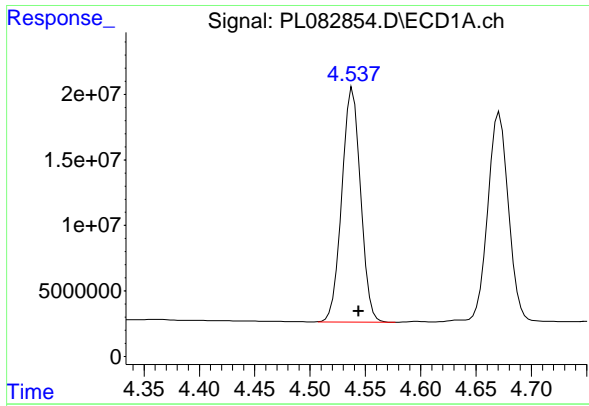
#6 beta-BHC

R.T.: 4.298 min  
 Delta R.T.: -0.005 min  
 Response: 94746532  
 Conc: 50.32 ng/ml



#6 beta-BHC

R.T.: 3.761 min  
 Delta R.T.: -0.001 min  
 Response: 77191962  
 Conc: 53.98 ng/ml



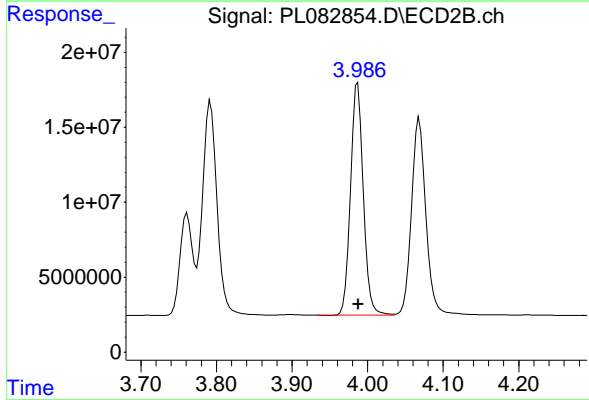
#7 delta-BHC

R.T.: 4.539 min  
 Delta R.T.: -0.005 min  
 Response: 211249578  
 Conc: 61.43 ng/ml

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

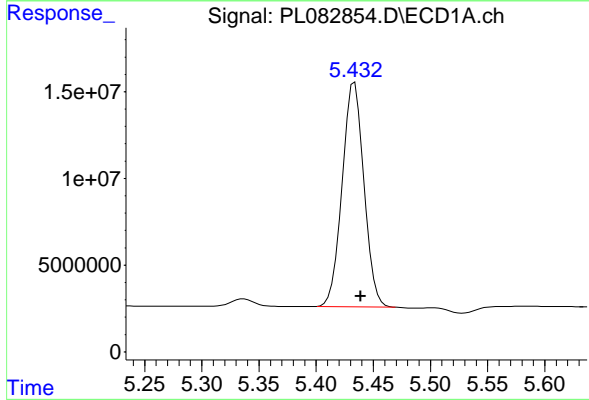
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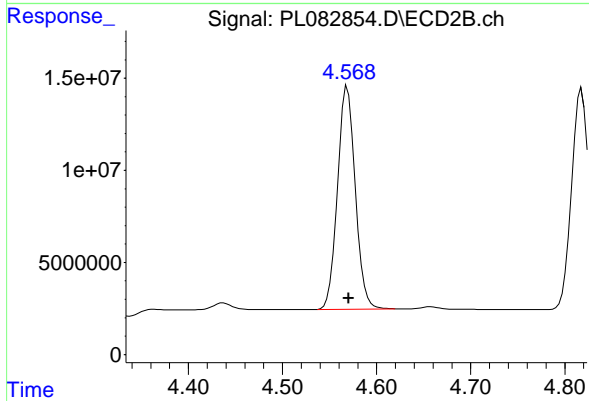
#7 delta-BHC

R.T.: 3.987 min  
 Delta R.T.: 0.000 min  
 Response: 182852554  
 Conc: 55.81 ng/ml



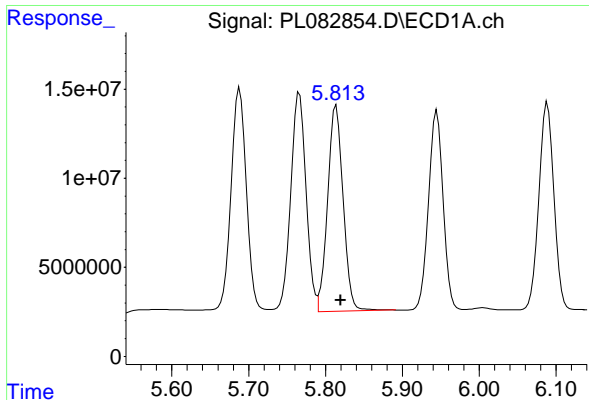
#8 Heptachlor epoxide

R.T.: 5.434 min  
 Delta R.T.: -0.005 min  
 Response: 172283036  
 Conc: 53.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.569 min  
 Delta R.T.: -0.001 min  
 Response: 158948548  
 Conc: 53.56 ng/ml



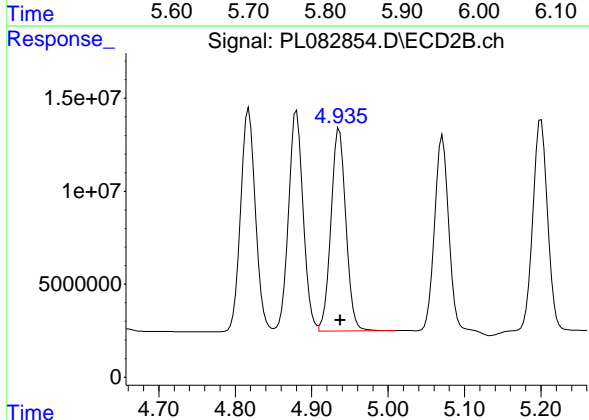
#9 Endosulfan I

R.T.: 5.814 min  
 Delta R.T.: -0.006 min  
 Response: 160649798  
 Conc: 53.54 ng/ml

Instrument :  
 ECD\_L  
 Client Sample Id :  
 PSTDCCC050

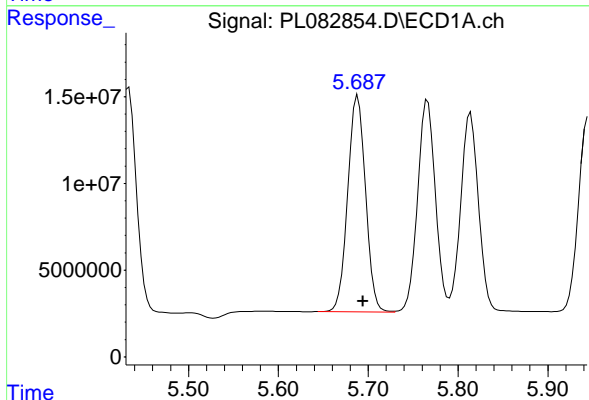
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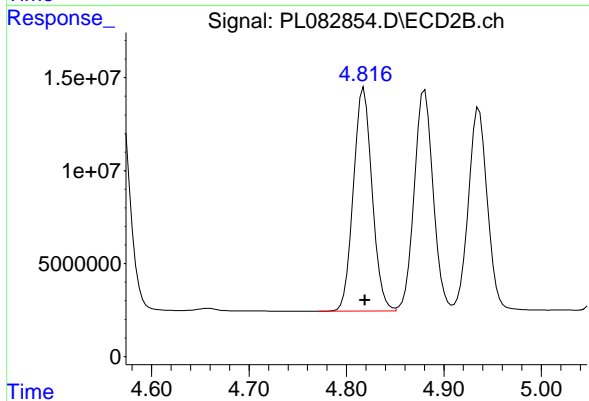
#9 Endosulfan I

R.T.: 4.936 min  
 Delta R.T.: -0.001 min  
 Response: 147468127  
 Conc: 52.77 ng/ml



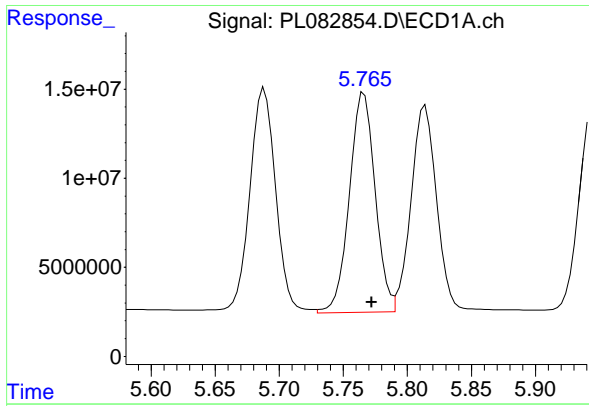
#10 gamma-Chlordane

R.T.: 5.687 min  
 Delta R.T.: -0.007 min  
 Response: 171516456  
 Conc: 53.99 ng/ml m



#10 gamma-Chlordane

R.T.: 4.818 min  
 Delta R.T.: -0.001 min  
 Response: 160245936  
 Conc: 53.36 ng/ml



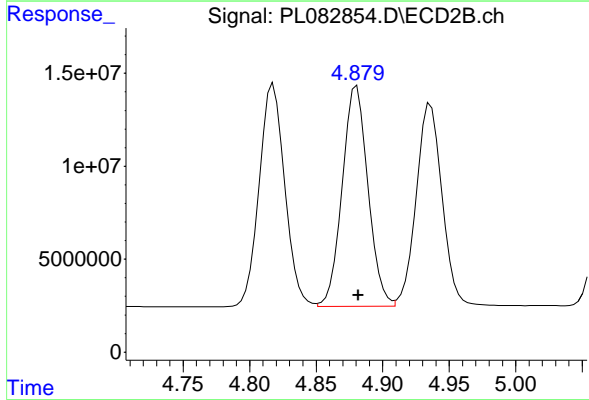
#11 alpha-Chlordane

R.T.: 5.766 min  
 Delta R.T.: -0.006 min  
 Response: 172799973  
 Conc: 53.84 ng/ml

Instrument : ECD\_L  
 ClientSampleId : PSTDCCC050

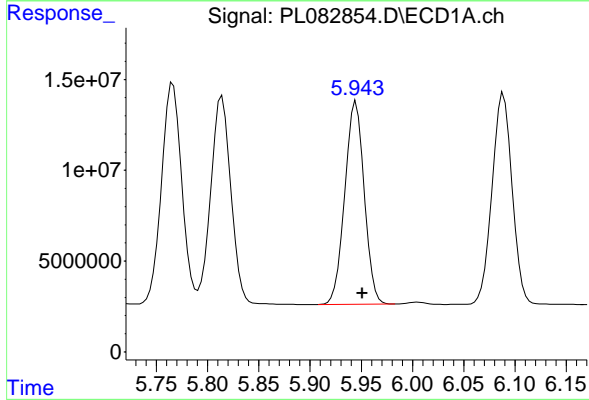
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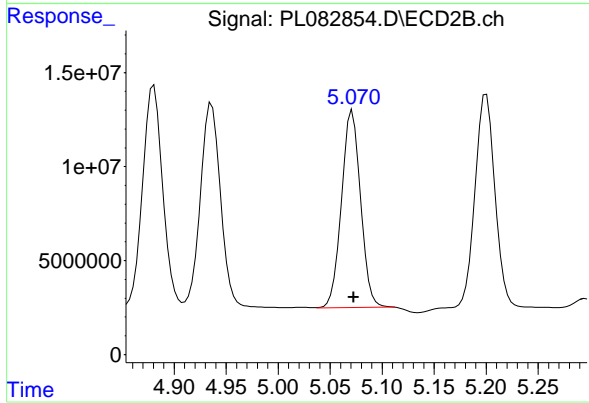
#11 alpha-Chlordane

R.T.: 4.880 min  
 Delta R.T.: -0.001 min  
 Response: 159773330  
 Conc: 53.22 ng/ml



#12 4,4'-DDE

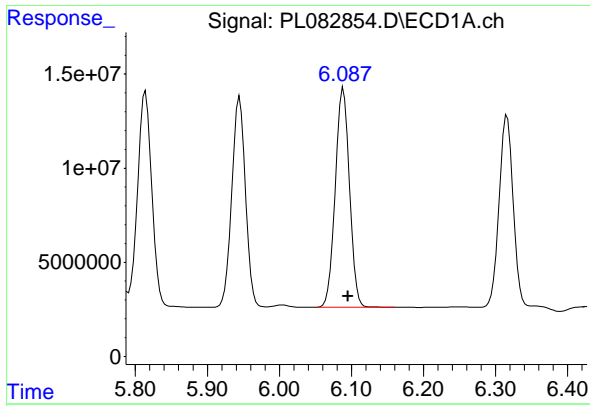
R.T.: 5.945 min  
 Delta R.T.: -0.006 min  
 Response: 147060099  
 Conc: 53.35 ng/ml



#12 4,4'-DDE

R.T.: 5.070 min  
 Delta R.T.: -0.002 min  
 Response: 133549109  
 Conc: 54.99 ng/ml m





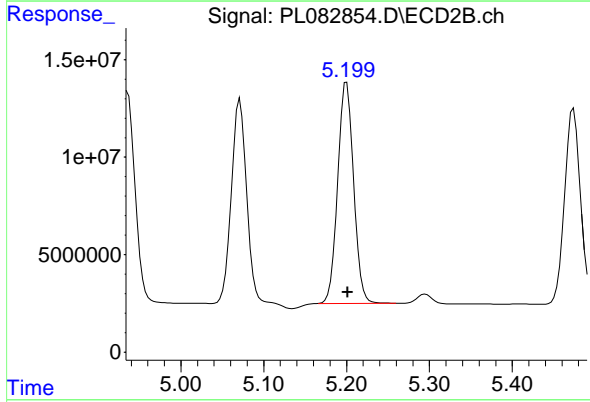
#13 Dieldrin

R.T.: 6.089 min  
 Delta R.T.: -0.006 min  
 Response: 158312991  
 Conc: 52.63 ng/ml

Instrument :  
 ECD\_L  
 Client Sample Id :  
 PSTDCCC050

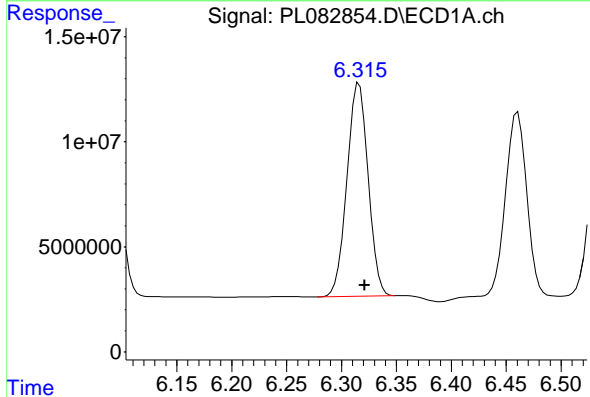
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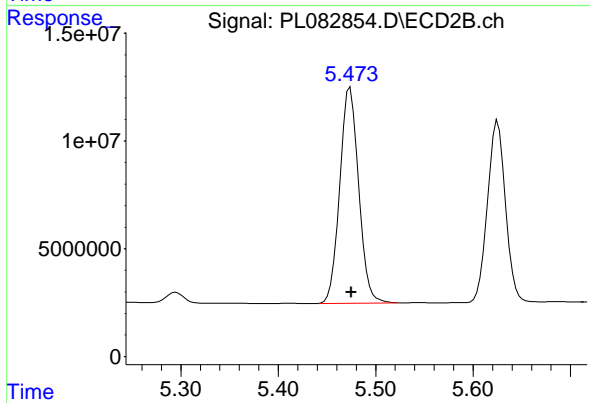
#13 Dieldrin

R.T.: 5.200 min  
 Delta R.T.: -0.001 min  
 Response: 151434084  
 Conc: 53.64 ng/ml



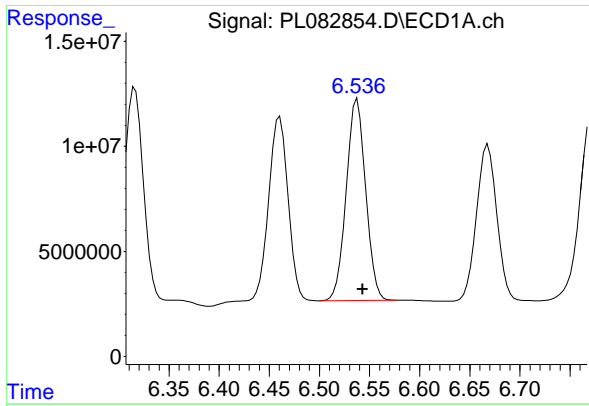
#14 Endrin

R.T.: 6.316 min  
 Delta R.T.: -0.005 min  
 Response: 136565971  
 Conc: 50.82 ng/ml



#14 Endrin

R.T.: 5.474 min  
 Delta R.T.: -0.001 min  
 Response: 134742759  
 Conc: 53.11 ng/ml



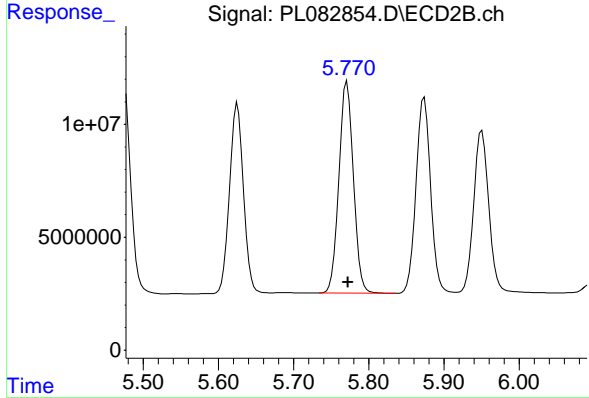
#15 Endosulfan II

R.T.: 6.538 min  
 Delta R.T.: -0.005 min  
 Response: 129296051  
 Conc: 48.79 ng/ml

Instrument : ECD\_L  
 Client Sample Id : PSTDCCC050

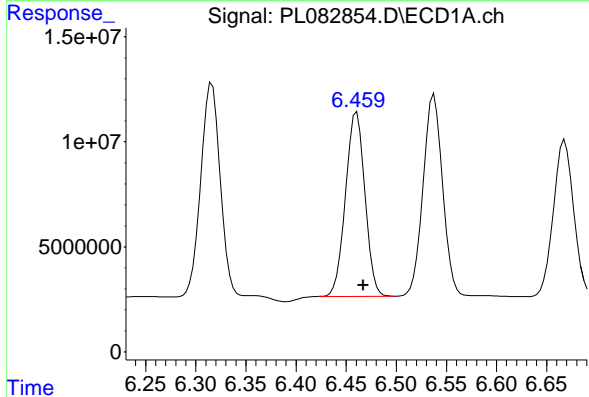
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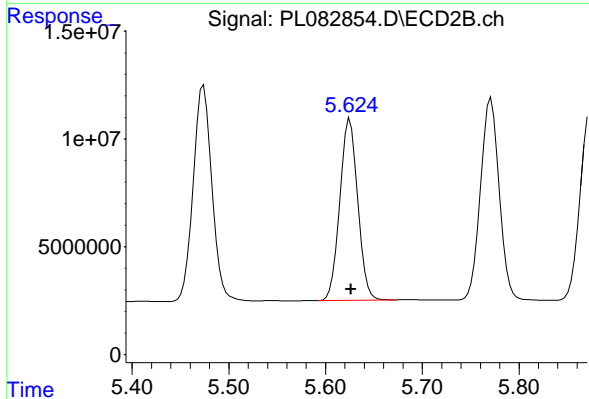
#15 Endosulfan II

R.T.: 5.771 min  
 Delta R.T.: 0.000 min  
 Response: 125488793  
 Conc: 50.72 ng/ml



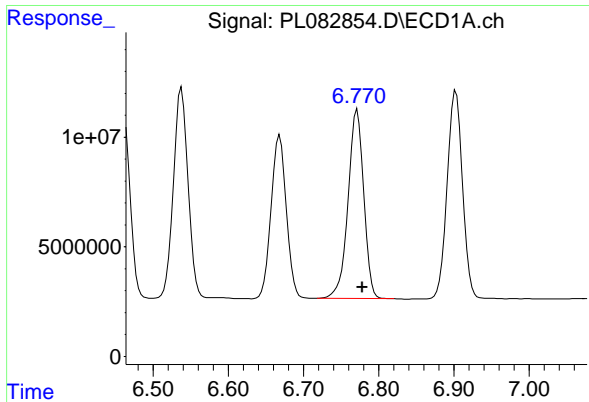
#16 4,4'-DDD

R.T.: 6.461 min  
 Delta R.T.: -0.006 min  
 Response: 118204359  
 Conc: 54.40 ng/ml



#16 4,4'-DDD

R.T.: 5.625 min  
 Delta R.T.: 0.000 min  
 Response: 108214885  
 Conc: 56.27 ng/ml



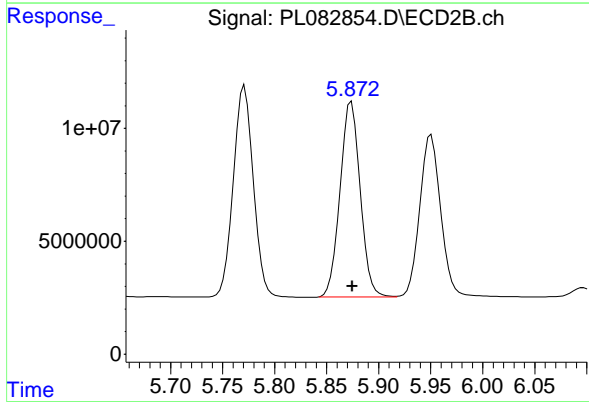
#17 4,4' -DDT

R.T.: 6.771 min  
 Delta R.T.: -0.007 min  
 Response: 124732257  
 Conc: 49.83 ng/ml

Instrument :  
 ECD\_L  
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 PSTDCCC050

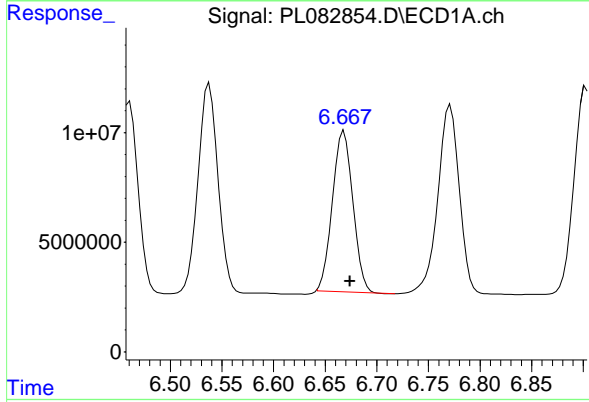
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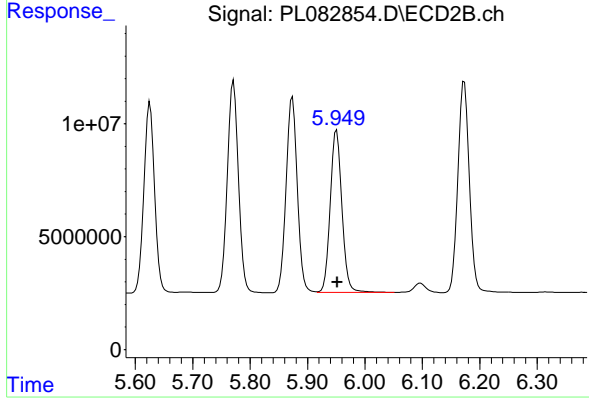
#17 4,4' -DDT

R.T.: 5.874 min  
 Delta R.T.: 0.000 min  
 Response: 116902339  
 Conc: 52.40 ng/ml



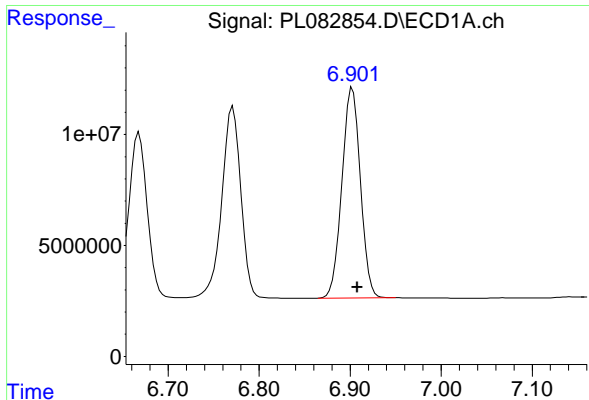
#18 Endrin aldehyde

R.T.: 6.668 min  
 Delta R.T.: -0.006 min  
 Response: 101079986  
 Conc: 50.27 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min  
 Delta R.T.: -0.001 min  
 Response: 101409830  
 Conc: 51.28 ng/ml



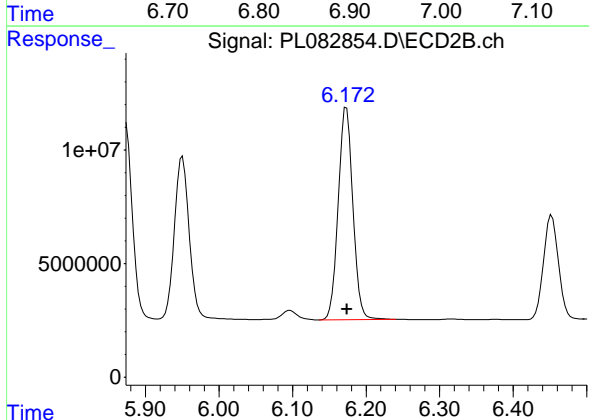
#19 Endosulfan Sulfate

R.T.: 6.902 min  
 Delta R.T.: -0.006 min  
 Response: 134206894  
 Conc: 52.35 ng/ml

Instrument :  
 ECD\_L  
 Client Sample Id :  
 PSTDCCC050

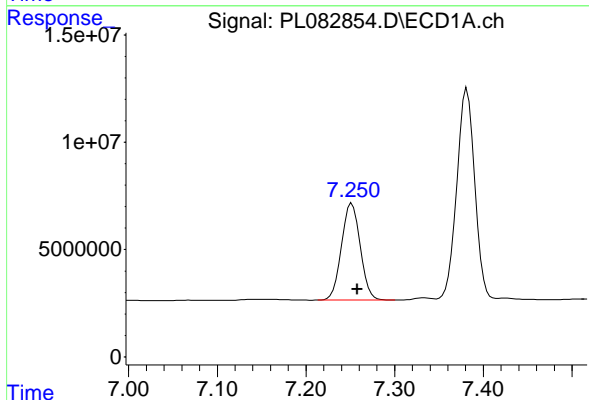
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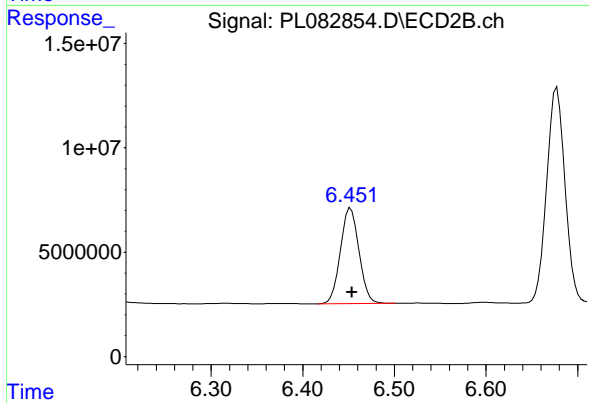
#19 Endosulfan Sulfate

R.T.: 6.173 min  
 Delta R.T.: 0.000 min  
 Response: 129356106  
 Conc: 52.82 ng/ml



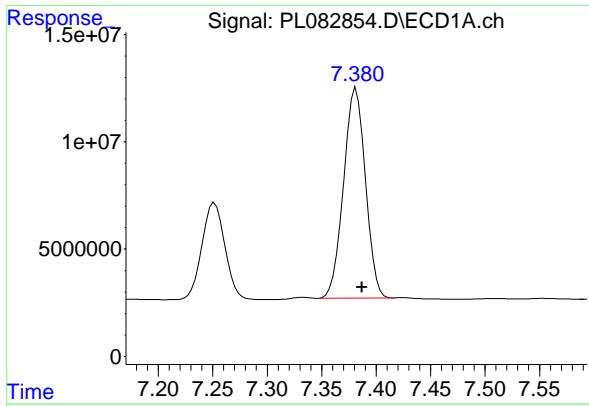
#20 Methoxychlor

R.T.: 7.252 min  
 Delta R.T.: -0.006 min  
 Response: 66372533  
 Conc: 50.19 ng/ml



#20 Methoxychlor

R.T.: 6.452 min  
 Delta R.T.: -0.001 min  
 Response: 64662750  
 Conc: 50.85 ng/ml



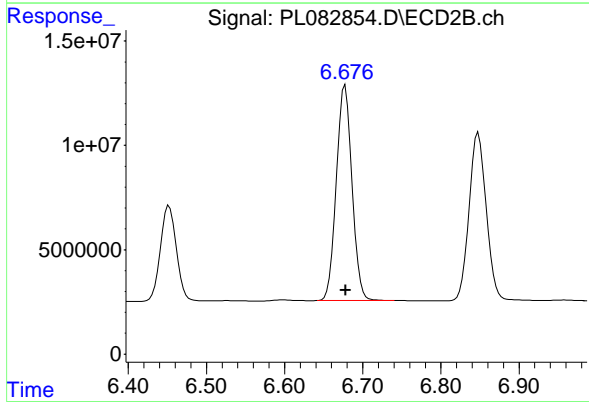
#21 Endrin ketone

R.T.: 7.382 min  
 Delta R.T.: -0.005 min  
 Response: 136521716  
 Conc: 53.52 ng/ml

Instrument : ECD\_L  
 Client Sample Id : PSTDCCC050

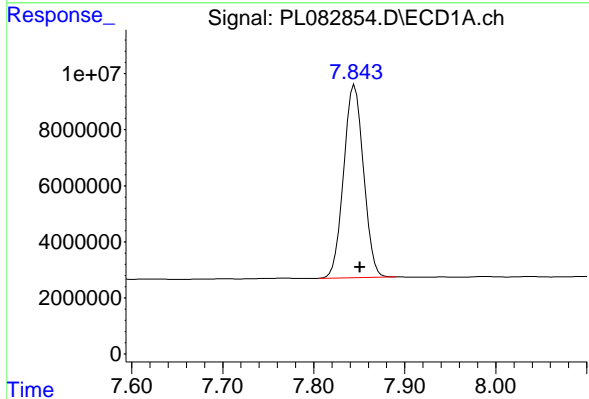
Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/22/2023  
 Supervised By :Ankita Jodhani 05/22/2023



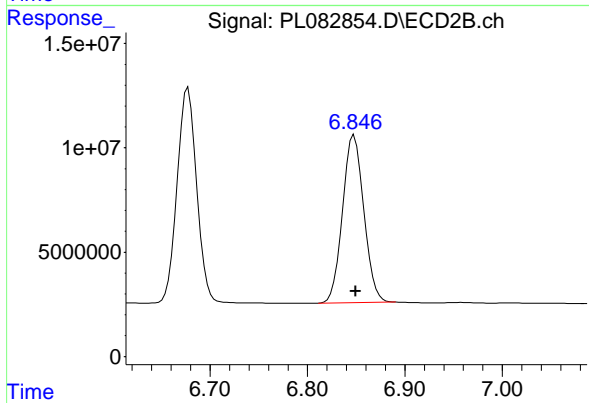
#21 Endrin ketone

R.T.: 6.677 min  
 Delta R.T.: 0.000 min  
 Response: 144005898  
 Conc: 53.26 ng/ml



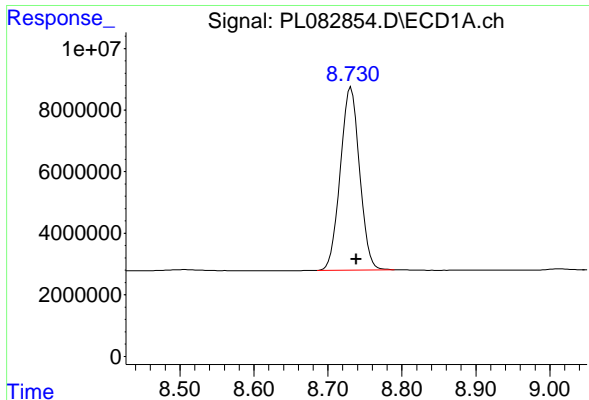
#22 Mirex

R.T.: 7.845 min  
 Delta R.T.: -0.006 min  
 Response: 104925325  
 Conc: 50.06 ng/ml



#22 Mirex

R.T.: 6.848 min  
 Delta R.T.: -0.002 min  
 Response: 121625750  
 Conc: 51.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.731 min  
 Delta R.T.: -0.007 min  
 Response: 107387962  
 Conc: 51.20 ng/ml

Instrument :

ECD\_L

ClientSampleId :

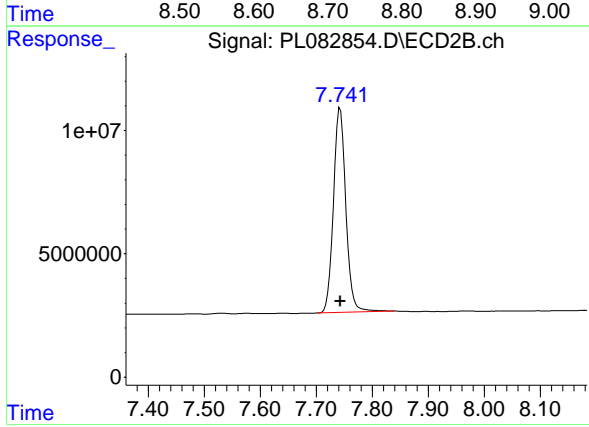
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/22/2023

Supervised By :Ankita Jodhani 05/22/2023



#28 Decachlorobiphenyl

R.T.: 7.743 min  
 Delta R.T.: 0.000 min  
 Response: 127838651  
 Conc: 51.41 ng/ml