

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042523\
 Data File : PL082316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2023 09:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/26/2023
 Supervised By :Ankita Jodhani 04/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 12:41:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.333	2.648	135.2E6	112.2E6	50.629	48.420
28) SA Decachlor...	8.755	7.764	96039781	103.8E6	50.307	45.490
Target Compounds						
2) A alpha-BHC	3.783	3.146	208.2E6	166.0E6	52.315	48.777
3) MA gamma-BHC...	4.112	3.474	193.4E6	155.3E6	51.726	48.309
4) MA Heptachlor	4.690	3.806	182.7E6	162.9E6	50.008	47.600
5) MB Aldrin	5.027	4.083	168.9E6	152.2E6	51.219	48.332
6) B beta-BHC	4.315	3.774	82463512	65182851	48.352	47.774
7) B delta-BHC	4.557	4.000	186.3E6	147.5E6	51.779	48.092
8) B Heptachlo...	5.453	4.585	153.4E6	137.7E6	50.294	47.807
9) A Endosulfan I	5.833	4.953	140.6E6	127.6E6	50.691	47.798
10) B gamma-Chl...	5.708	4.834	154.7E6	138.9E6	51.452	47.857
11) B alpha-Chl...	5.785	4.897	151.2E6	138.4E6	50.656	47.677
12) B 4,4'-DDE	5.964	5.088	131.7E6	112.2E6	51.795	48.817
13) MA Dieldrin	6.108	5.218	142.7E6	129.1E6	51.725	47.813
14) MA Endrin	6.334	5.492	117.7E6	110.5E6	48.551m	45.164
15) B Endosulfa...	6.557	5.789	114.8E6	107.3E6	47.165	47.592
16) A 4,4'-DDD	6.479	5.643	109.5E6	94635985	54.005	50.597
17) MA 4,4'-DDT	6.790	5.892	108.1E6	94538487	47.254	44.750
18) B Endrin al...	6.687	5.969	94693031	87138878	50.257	46.564
19) B Endosulfa...	6.920	6.191	120.0E6	110.1E6	50.587m	46.769
20) A Methoxychlor	7.271	6.471	56422752	53044007	46.236	43.772
21) B Endrin ke...	7.399	6.697	127.6E6	124.0E6	53.305m	48.857
22) Mirex	7.866	6.868	96932734	106.2E6	49.548	46.108

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042523\
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 Acq On : 25 Apr 2023 09:05
 Operator : AR\AJ
 Sample : PSTDCCC050
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

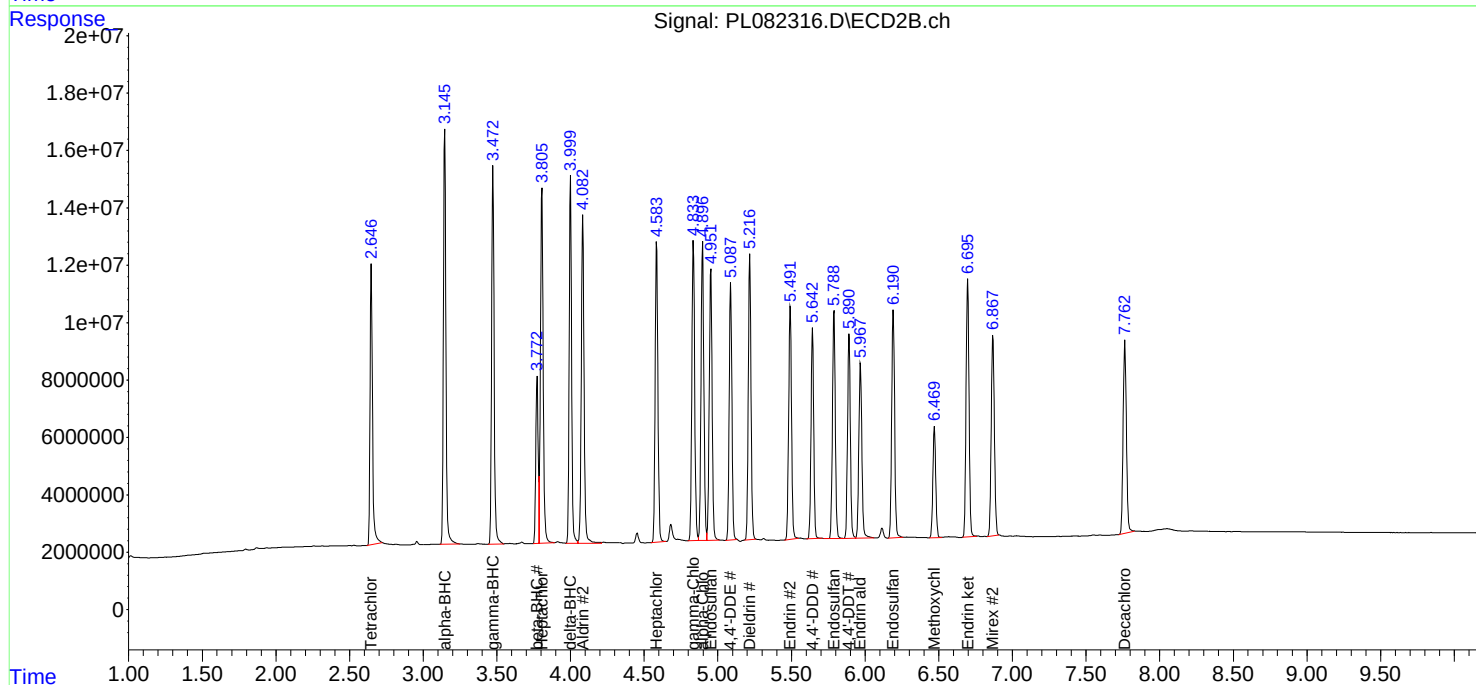
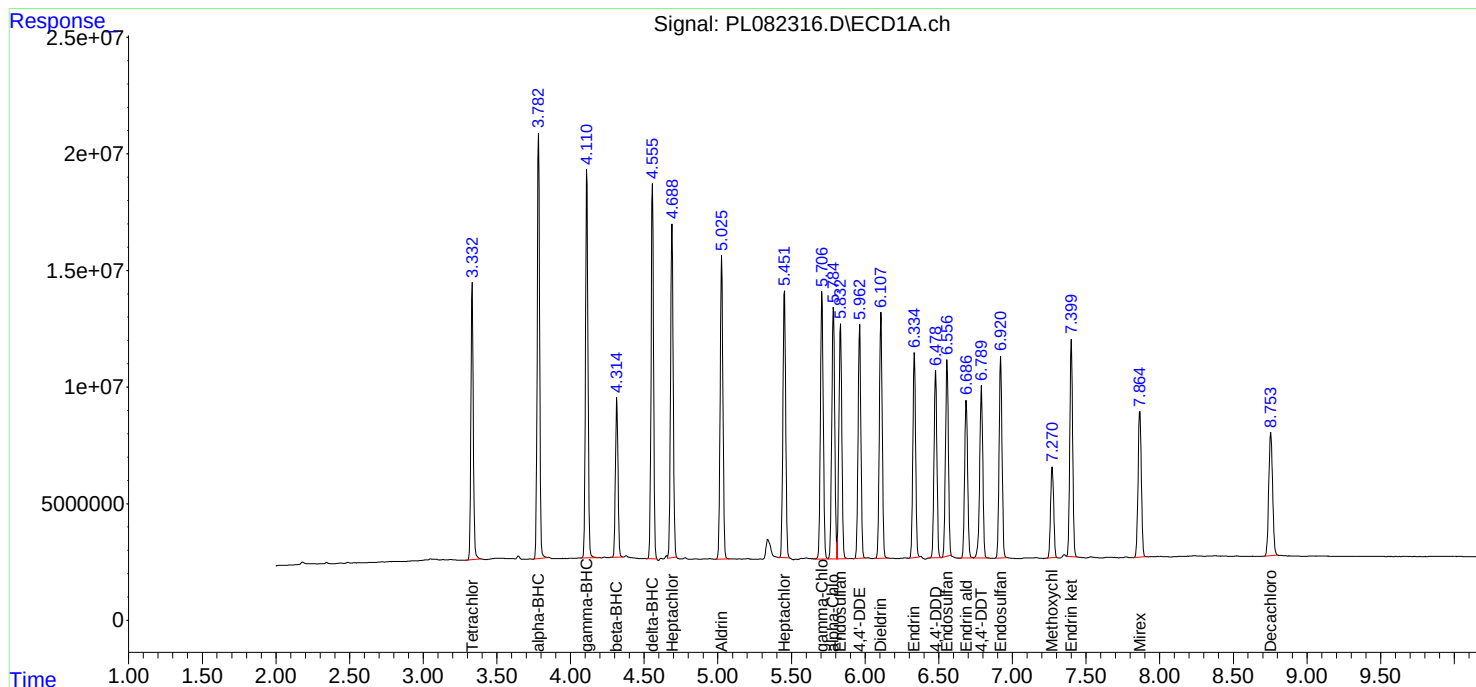
APPROVED

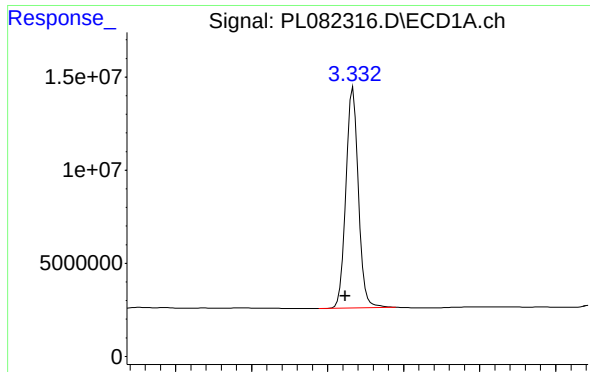
Reviewed By :Abdul Mirza 04/26/2023

Supervised By :Ankita Jodhani 04/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 12:41:28 2023
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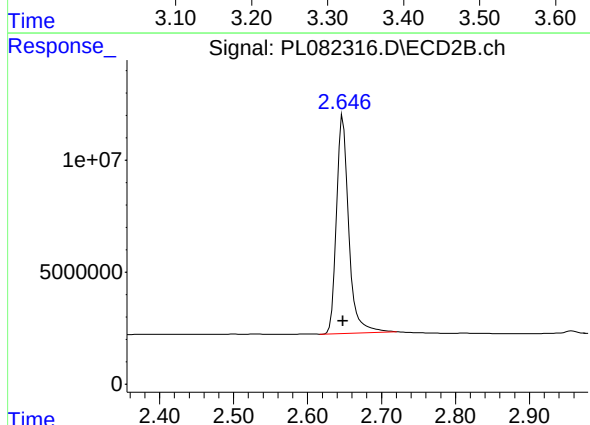
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: 0.010 min
Response: 135239338
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

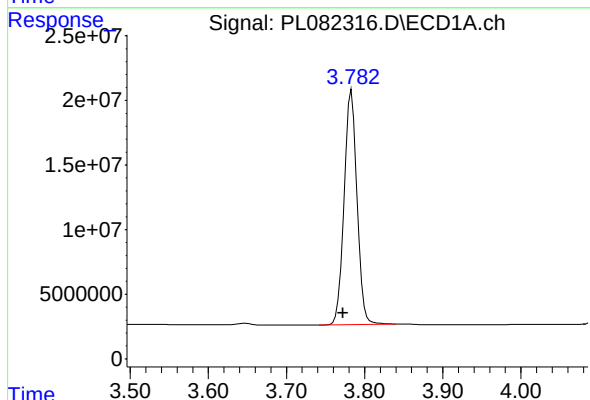
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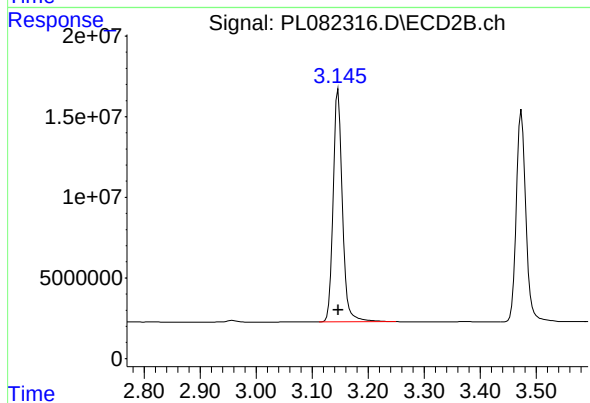
#1 Tetrachloro-m-xylene

R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 112176471
Conc: 48.42 ng/ml



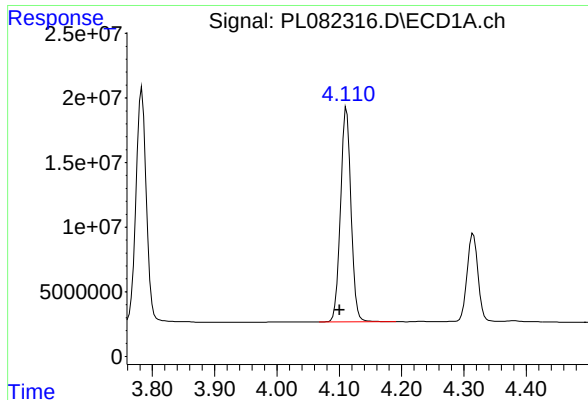
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: 0.011 min
Response: 208225068
Conc: 52.31 ng/ml



#2 alpha-BHC

R.T.: 3.146 min
Delta R.T.: 0.000 min
Response: 166011346
Conc: 48.78 ng/ml



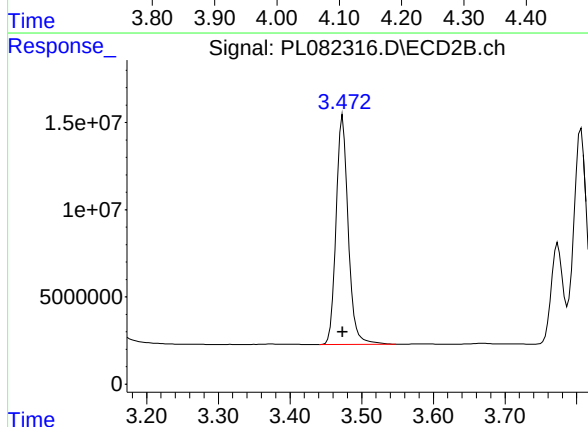
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: 0.011 min
Response: 193400664
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

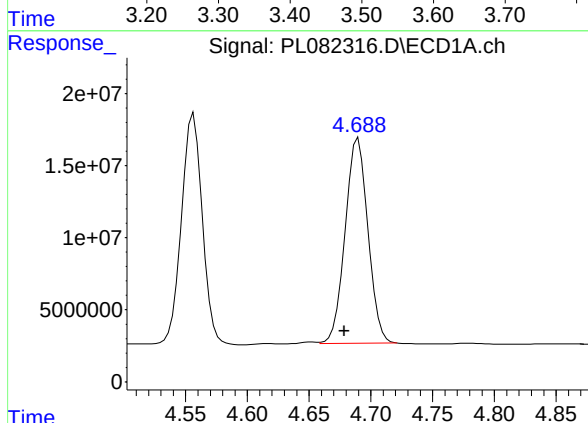
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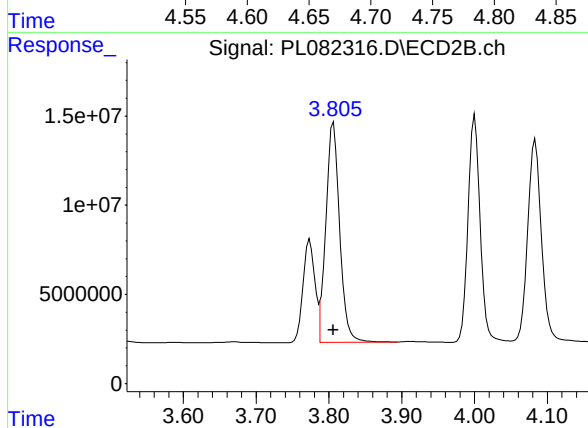
#3 gamma-BHC (Lindane)

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 155328345
Conc: 48.31 ng/ml



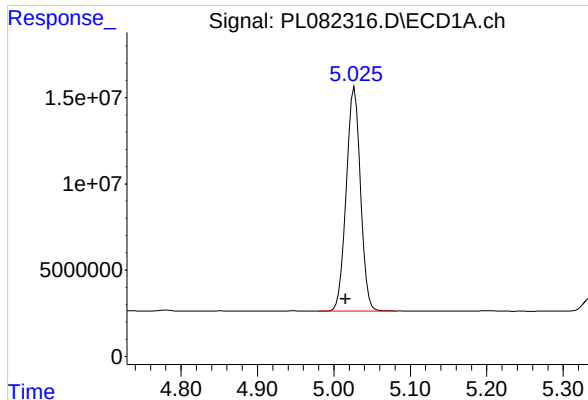
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: 0.011 min
Response: 182724301
Conc: 50.01 ng/ml



#4 Heptachlor

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 162947169
Conc: 47.60 ng/ml



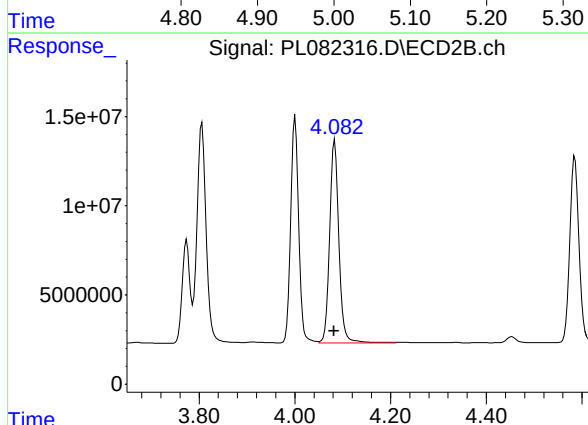
#5 Aldrin

R.T.: 5.027 min
Delta R.T.: 0.011 min
Response: 168900600
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

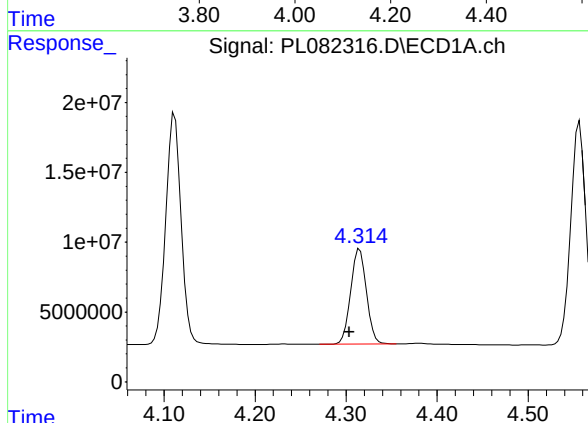
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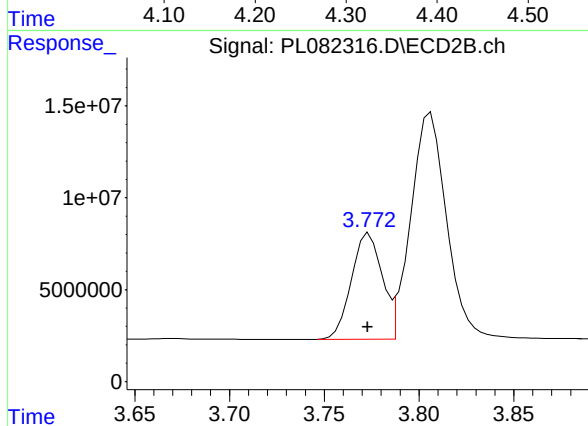
#5 Aldrin

R.T.: 4.083 min
Delta R.T.: 0.001 min
Response: 152240225
Conc: 48.33 ng/ml



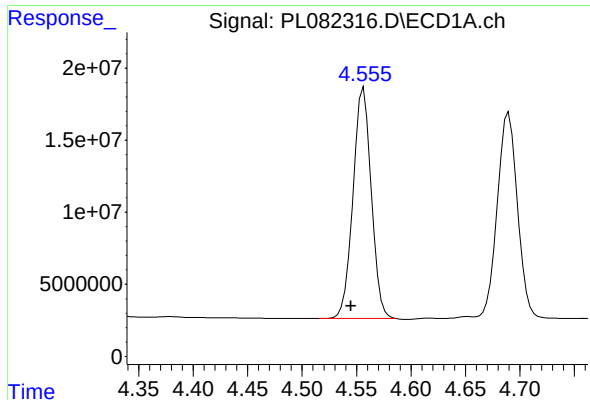
#6 beta-BHC

R.T.: 4.315 min
Delta R.T.: 0.011 min
Response: 82463512
Conc: 48.35 ng/ml



#6 beta-BHC

R.T.: 3.774 min
Delta R.T.: 0.000 min
Response: 65182851
Conc: 47.77 ng/ml



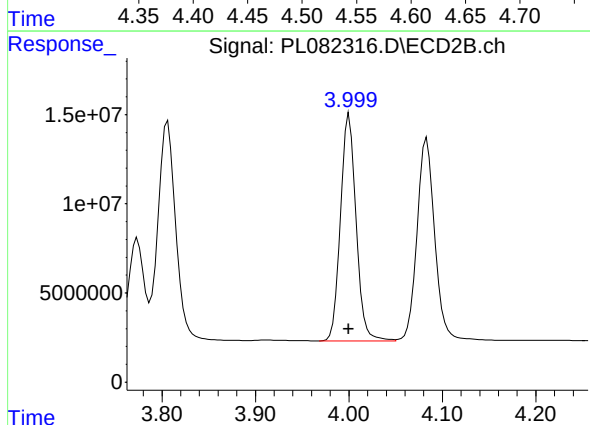
#7 delta-BHC

R.T.: 4.557 min
Delta R.T.: 0.011 min
Response: 186287964
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

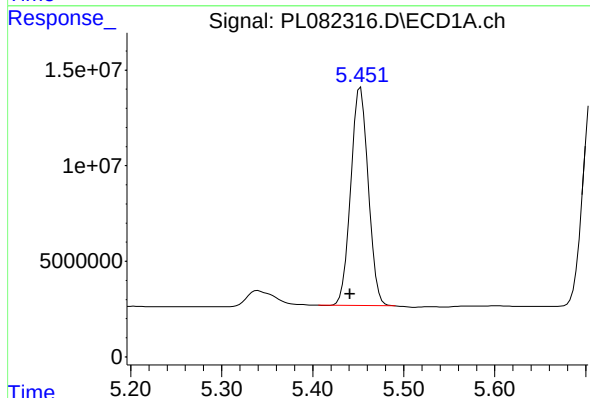
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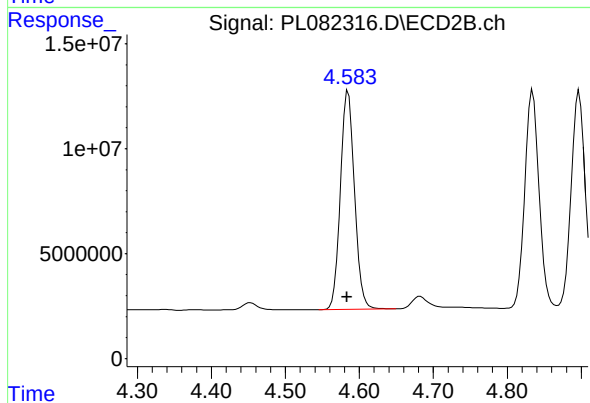
#7 delta-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 147515690
Conc: 48.09 ng/ml



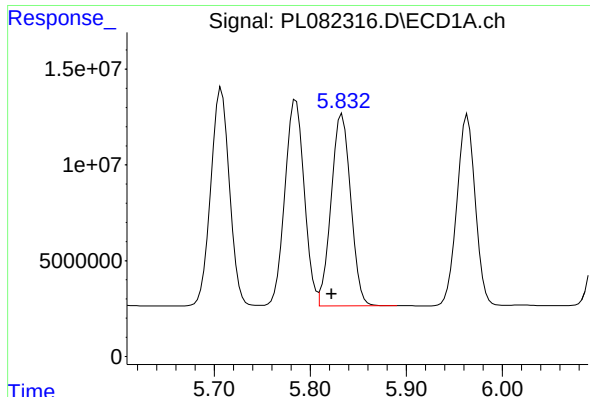
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: 0.011 min
Response: 153413812
Conc: 50.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.585 min
Delta R.T.: 0.001 min
Response: 137727382
Conc: 47.81 ng/ml



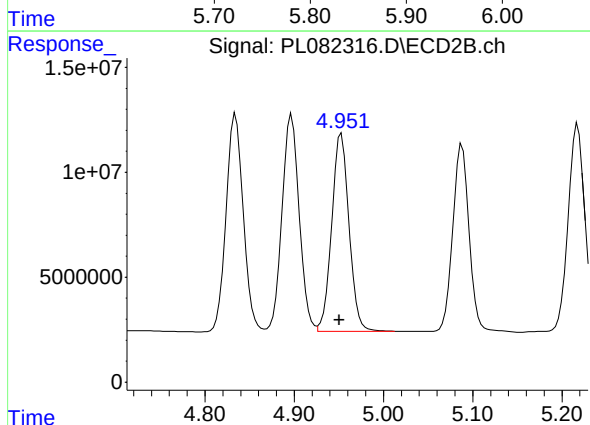
#9 Endosulfan I

R.T.: 5.833 min
Delta R.T.: 0.011 min
Response: 140551549
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

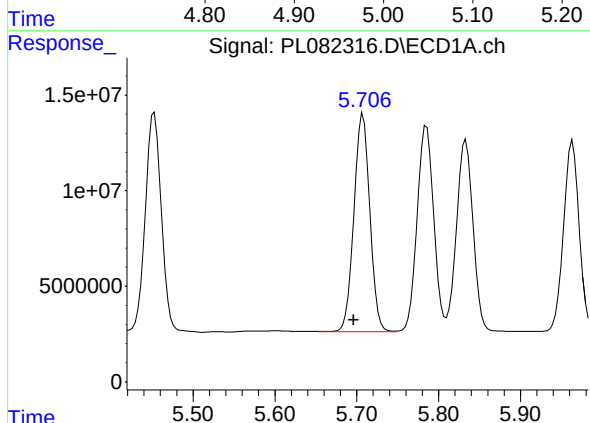
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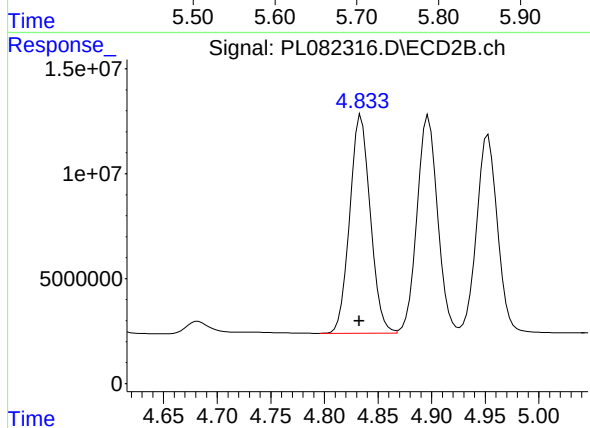
#9 Endosulfan I

R.T.: 4.953 min
Delta R.T.: 0.002 min
Response: 127594695
Conc: 47.80 ng/ml



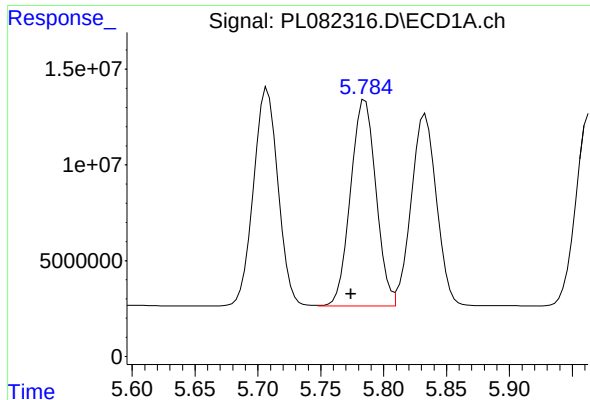
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: 0.011 min
Response: 154708742
Conc: 51.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.834 min
Delta R.T.: 0.002 min
Response: 138874016
Conc: 47.86 ng/ml



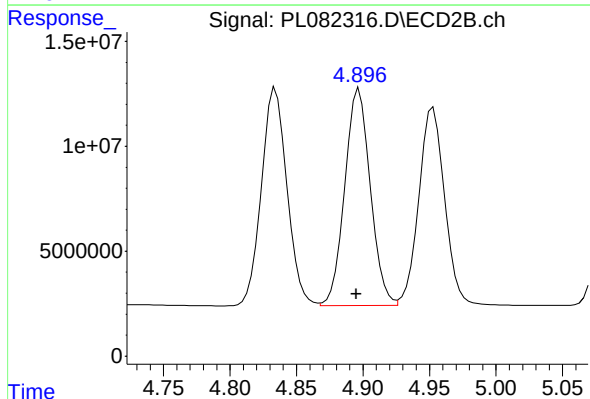
#11 alpha-Chlordane

R.T.: 5.785 min
Delta R.T.: 0.011 min
Response: 151187346
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

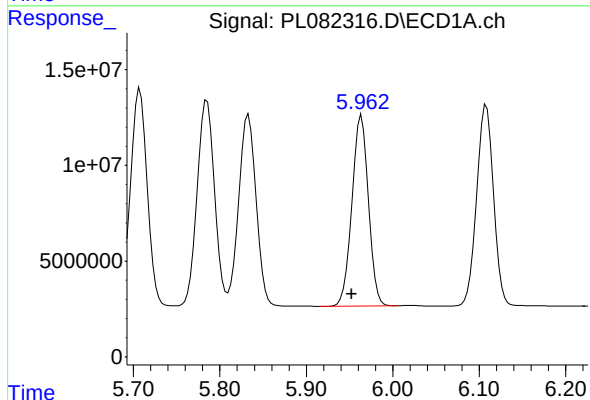
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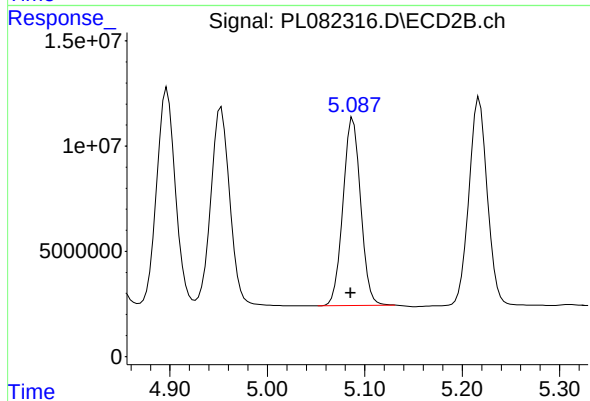
#11 alpha-Chlordane

R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 138397758
Conc: 47.68 ng/ml



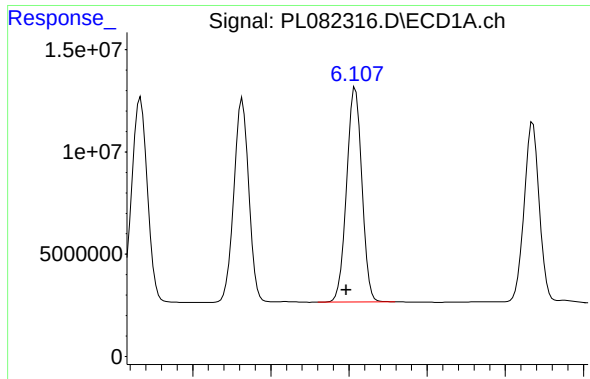
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: 0.011 min
Response: 131665500
Conc: 51.80 ng/ml



#12 4,4'-DDE

R.T.: 5.088 min
Delta R.T.: 0.002 min
Response: 112228553
Conc: 48.82 ng/ml



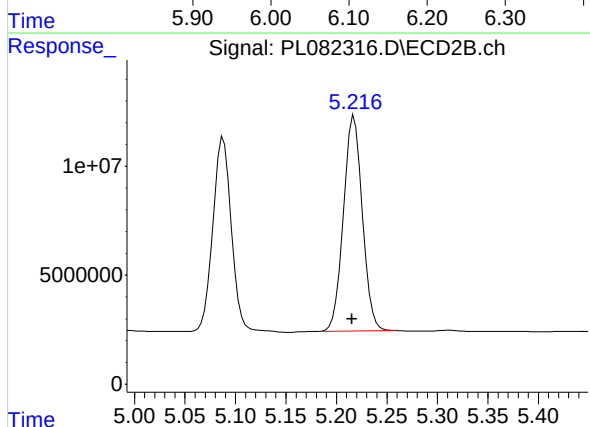
#13 Dieldrin

R.T.: 6.108 min
Delta R.T.: 0.012 min
Response: 142716536
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

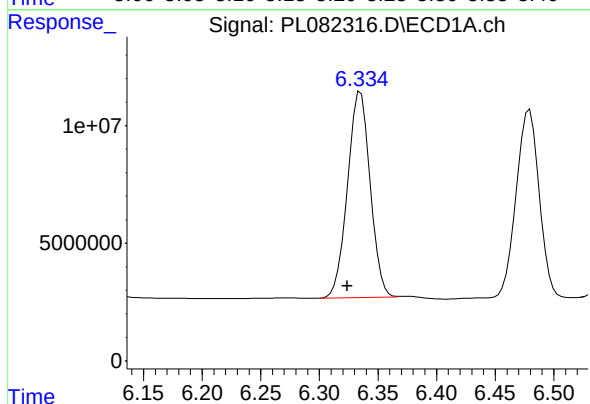
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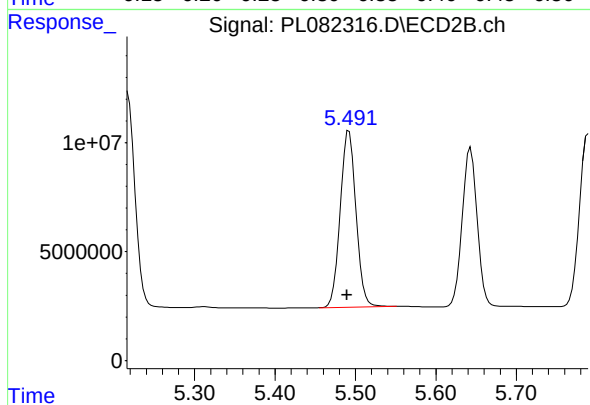
#13 Dieldrin

R.T.: 5.218 min
Delta R.T.: 0.002 min
Response: 129112799
Conc: 47.81 ng/ml



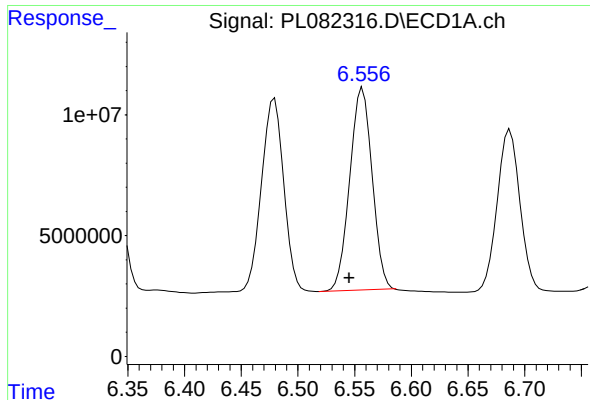
#14 Endrin

R.T.: 6.334 min
Delta R.T.: 0.010 min
Response: 117715489
Conc: 48.55 ng/ml m



#14 Endrin

R.T.: 5.492 min
Delta R.T.: 0.003 min
Response: 110470414
Conc: 45.16 ng/ml



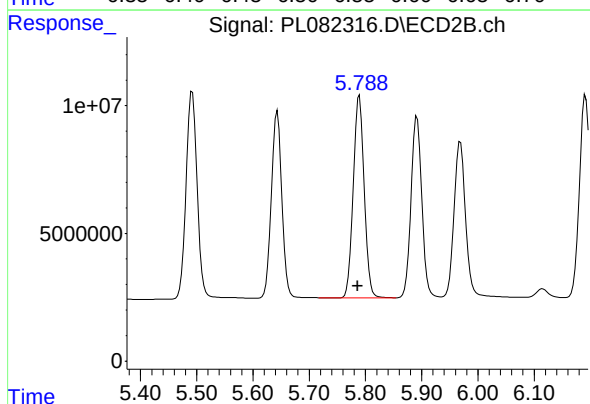
#15 Endosulfan II

R.T.: 6.557 min
Delta R.T.: 0.012 min
Response: 114826265
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

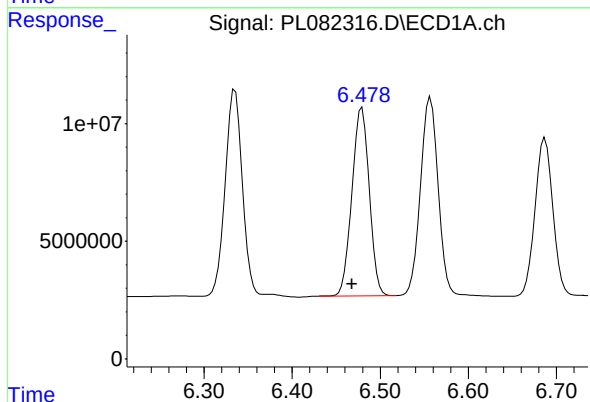
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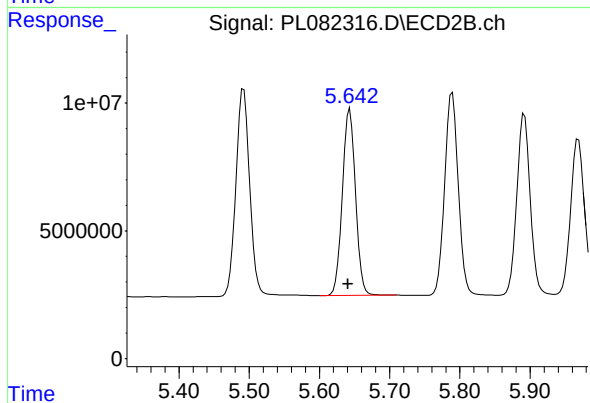
#15 Endosulfan II

R.T.: 5.789 min
Delta R.T.: 0.004 min
Response: 107276620
Conc: 47.59 ng/ml



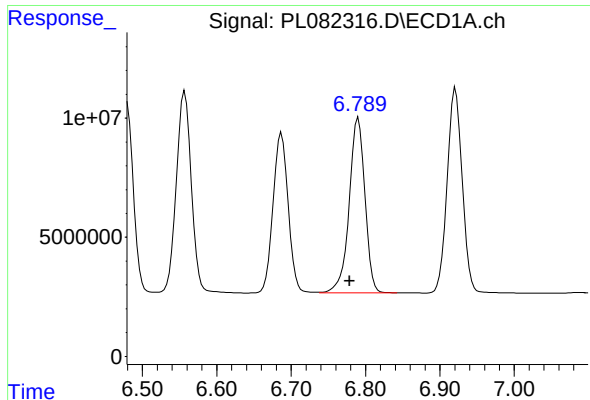
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: 0.011 min
Response: 109478735
Conc: 54.00 ng/ml



#16 4,4'-DDD

R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 94635985
Conc: 50.60 ng/ml



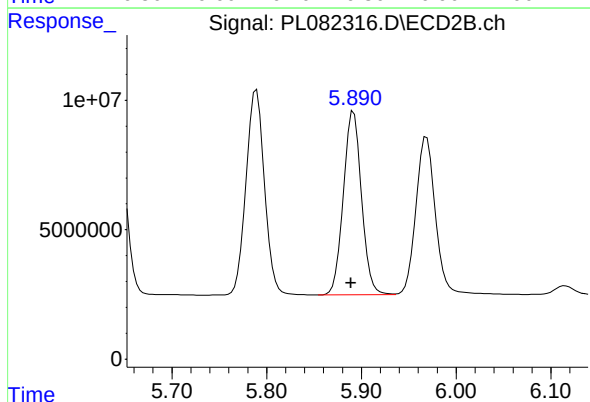
#17 4,4'-DDT

R.T.: 6.790 min
Delta R.T.: 0.011 min
Response: 108104084
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

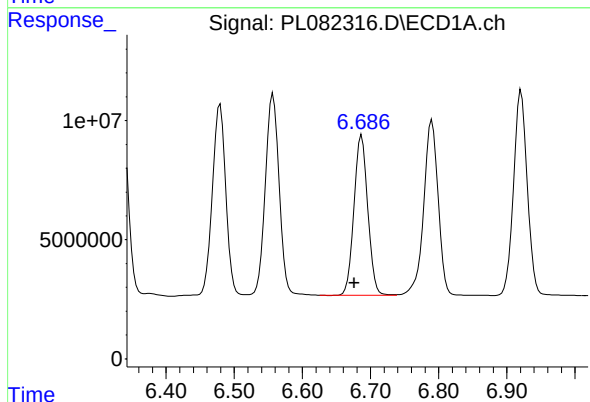
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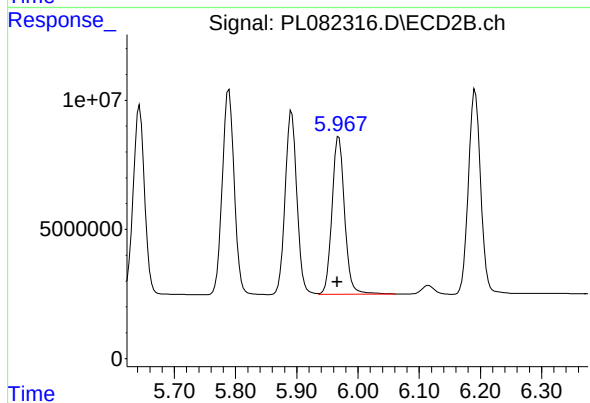
#17 4,4'-DDT

R.T.: 5.892 min
Delta R.T.: 0.003 min
Response: 94538487
Conc: 44.75 ng/ml



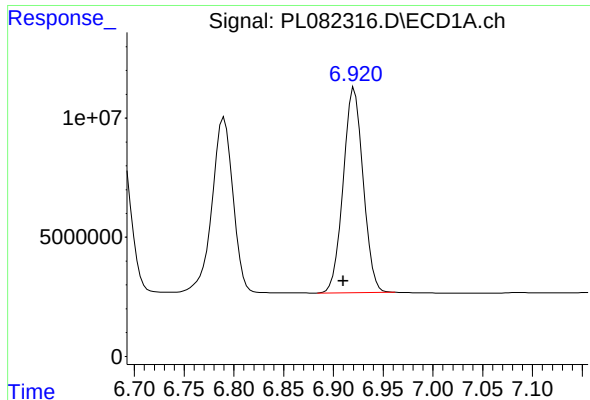
#18 Endrin aldehyde

R.T.: 6.687 min
Delta R.T.: 0.011 min
Response: 94693031
Conc: 50.26 ng/ml



#18 Endrin aldehyde

R.T.: 5.969 min
Delta R.T.: 0.002 min
Response: 87138878
Conc: 46.56 ng/ml



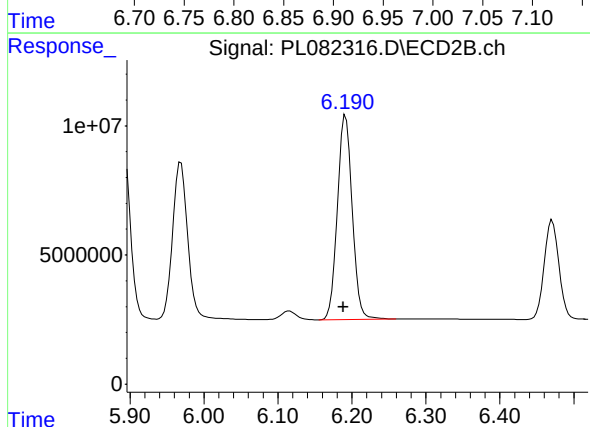
#19 Endosulfan Sulfate

R.T.: 6.920 min
Delta R.T.: 0.009 min
Response: 119968377
Conc: 50.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

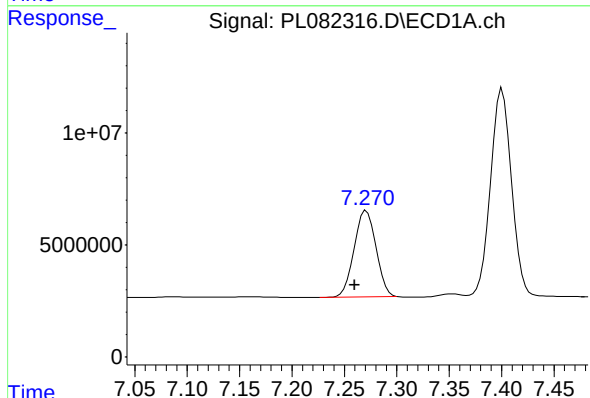
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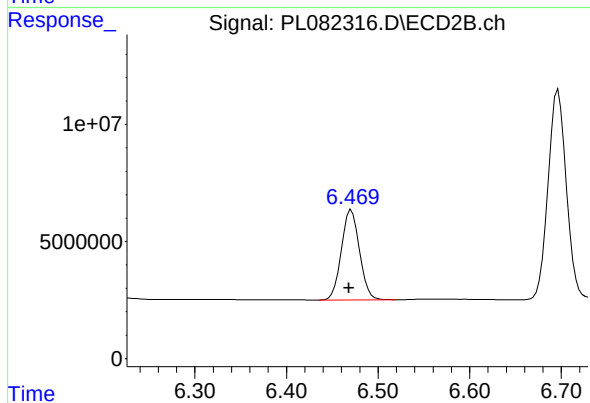
#19 Endosulfan Sulfate

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 110107098
Conc: 46.77 ng/ml



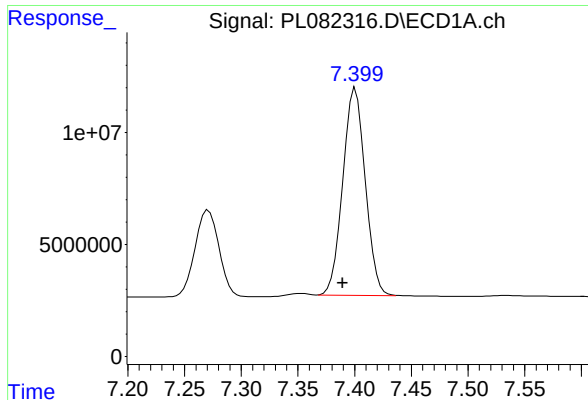
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: 0.011 min
Response: 56422752
Conc: 46.24 ng/ml



#20 Methoxychlor

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 53044007
Conc: 43.77 ng/ml



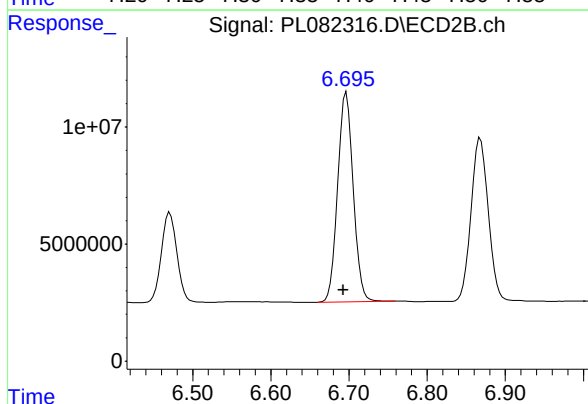
#21 Endrin ketone

R.T.: 7.399 min
Delta R.T.: 0.010 min
Response: 127634129
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

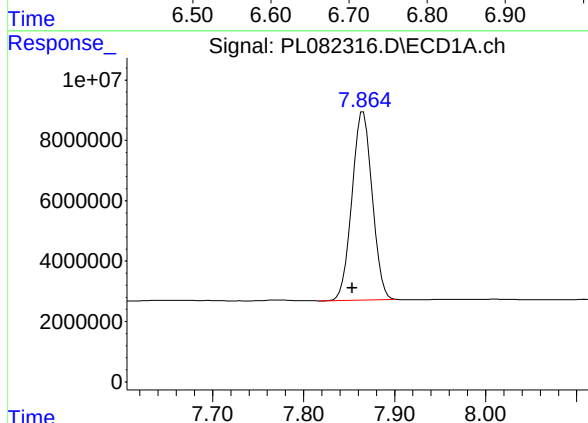
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Reviewed By :Abdul Mirza 04/26/2023
Supervised By :Ankita Jodhani 04/26/2023



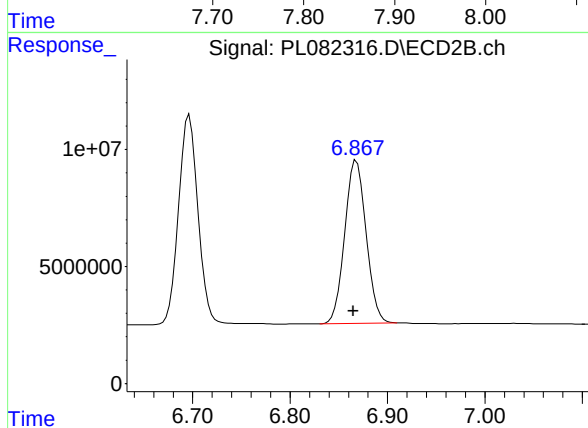
#21 Endrin ketone

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 124008683
Conc: 48.86 ng/ml



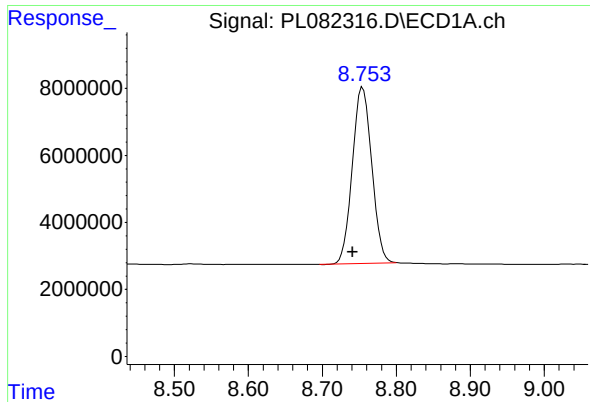
#22 Mirex

R.T.: 7.866 min
Delta R.T.: 0.012 min
Response: 96932734
Conc: 49.55 ng/ml



#22 Mirex

R.T.: 6.868 min
Delta R.T.: 0.003 min
Response: 106244027
Conc: 46.11 ng/ml



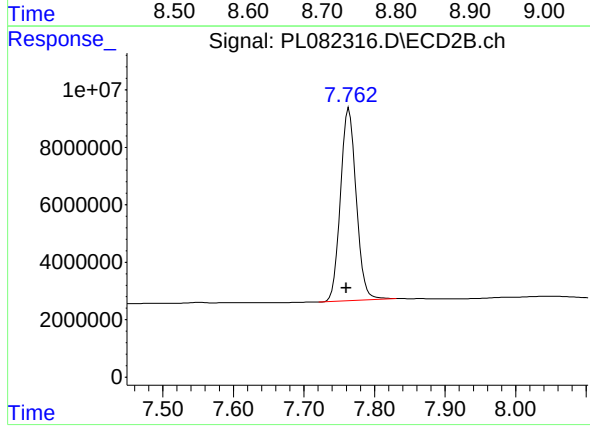
#28 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.014 min
Response: 96039781
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2023
Supervised By :Ankita Jodhani 04/26/2023



#28 Decachlorobiphenyl

R.T.: 7.764 min
Delta R.T.: 0.004 min
Response: 103830509
Conc: 45.49 ng/ml