

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
 Data File : PL082301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2023 16:33
 Operator : AR\AJ
 Sample : 02423-04MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SPD-1WC-23-04-18MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2023
 Supervised By : Ankita Jodhani 04/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 22:40:25 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...	3.324	2.648	53141408	44535538	19.894	19.223
28) SA Decachlor...	8.745	7.760	32322536	34997526	16.931	15.333
Target Compounds						
2) A alpha-BHC	3.774	3.146	220.4E6	184.7E6	55.365	54.279
3) MA gamma-BHC...	4.101	3.473	209.4E6	184.6E6	56.000m	57.424
4) MA Heptachlor	4.680	3.805	194.7E6	178.9E6	53.290	52.266
5) MB Aldrin	5.017	4.082	184.9E6	171.4E6	56.061	54.427
6) B beta-BHC	4.305	3.773	89075547	71134550	52.228	52.136
7) B delta-BHC	4.547	3.999	211.0E6	168.5E6	58.640	54.941
8) B Heptachlo...	5.444	4.583	167.3E6	155.7E6	54.834	54.032
9) A Endosulfan I	5.824	4.951	153.2E6	141.4E6	55.267	52.988
10) B gamma-Chl...	5.698	4.832	168.4E6	152.9E6	55.993	52.705
11) B alpha-Chl...	5.776	4.895	165.1E6	153.5E6	55.317	52.897
12) B 4,4'-DDE	5.955	5.086	143.7E6	127.5E6	56.514	55.459
13) MA Dieldrin	6.099	5.215	161.1E6	151.2E6	58.383	55.999
14) MA Endrin	6.326	5.489	137.1E6	132.4E6	56.551	54.143
15) B Endosulfa...	6.548	5.786	134.9E6	129.8E6	55.420	57.588
16) A 4,4'-DDD	6.470	5.641	118.4E6	106.6E6	58.399	56.987
17) MA 4,4'-DDT	6.782	5.889	120.7E6	111.8E6	52.741	52.917
18) B Endrin al...	6.678	5.966	112.3E6	106.2E6	59.613	56.767
19) B Endosulfa...	6.913	6.189	131.3E6	125.7E6	55.354	53.375
20) A Methoxychlor	7.263	6.469	66960253	64121838	54.871	52.913
21) B Endrin ke...	7.392	6.694	141.7E6	143.6E6	59.172	56.580
22) Mirex	7.857	6.866	103.2E6	114.0E6	52.745	49.452

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
Data File : PL082301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2023 16:33
Operator : AR\AJ
Sample : 02423-04MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

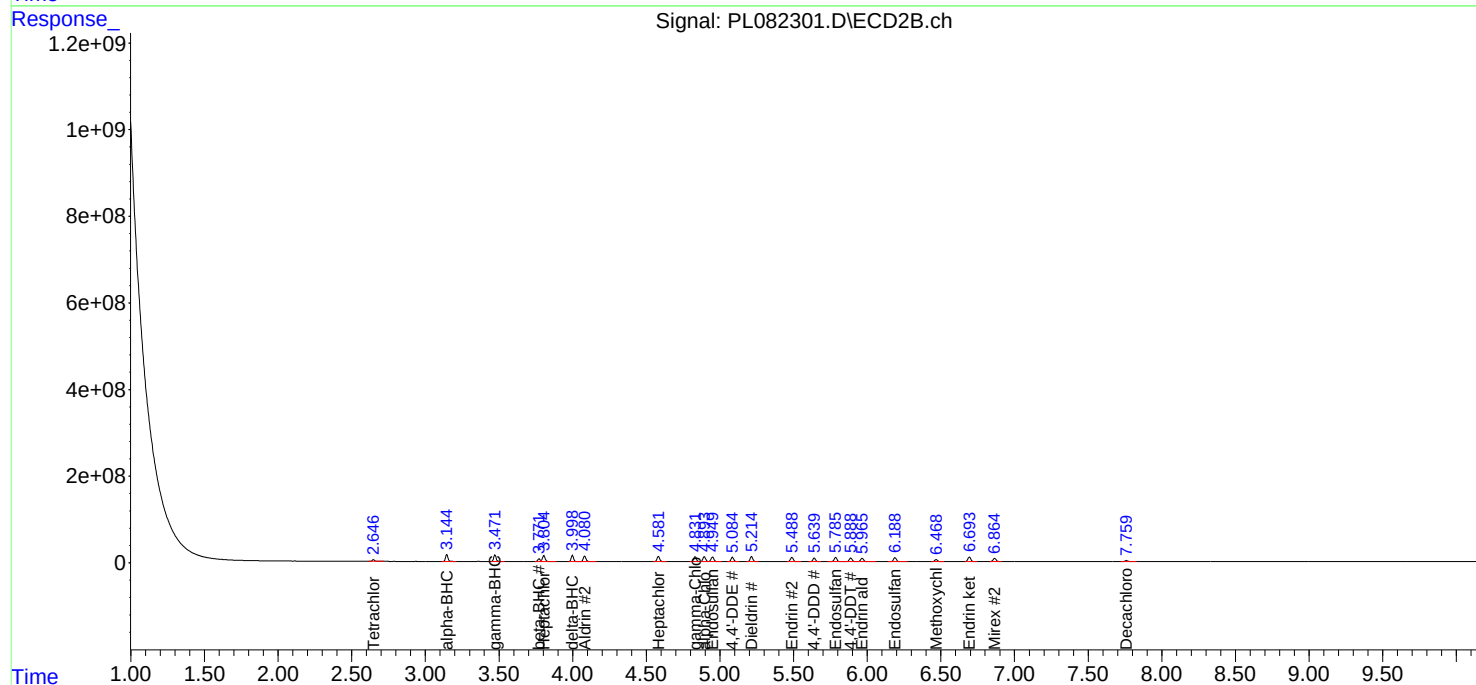
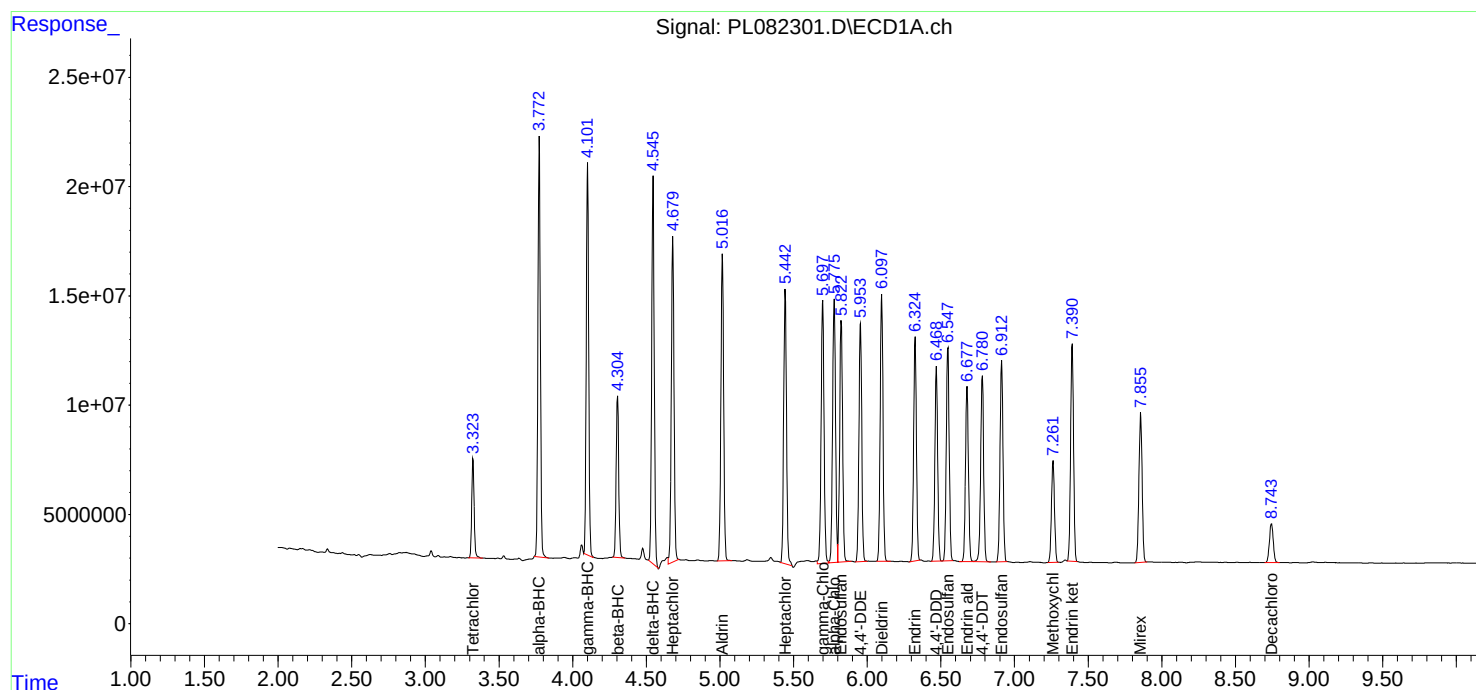
Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

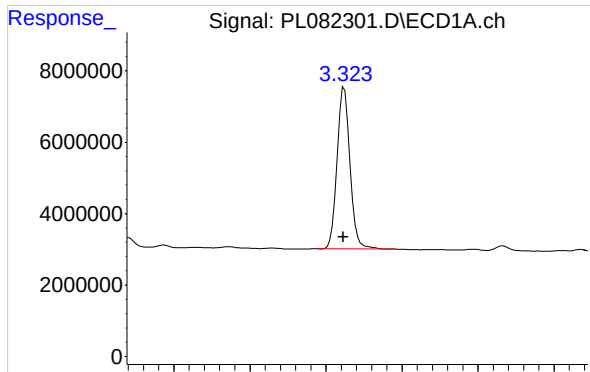
Manual Integrations
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Supervised By :Ankita Jodhani 04/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 22:40:25 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





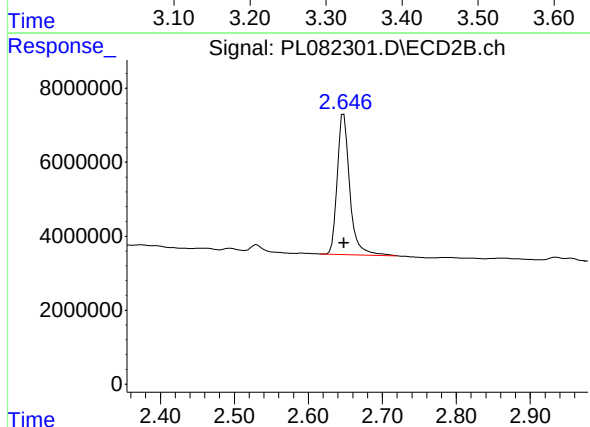
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.001 min
Response: 53141408
Conc: 19.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

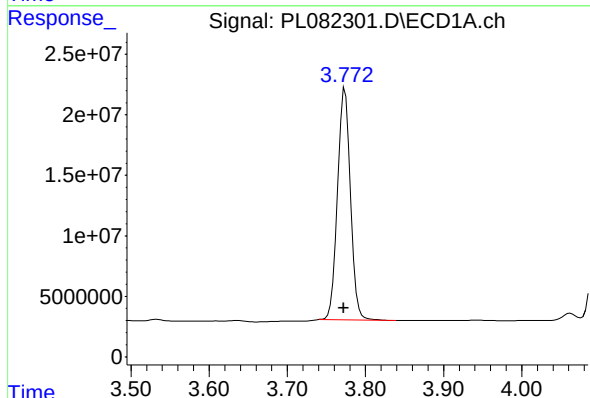
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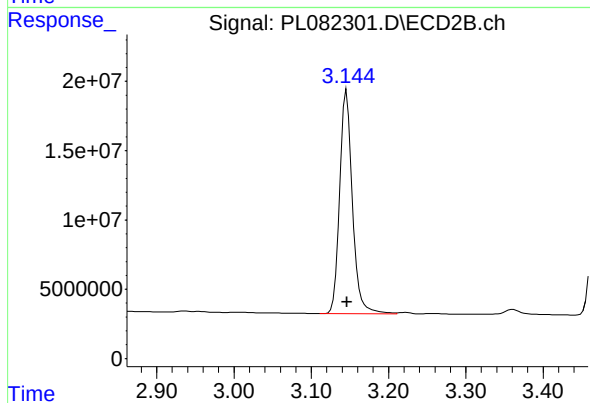
#1 Tetrachloro-m-xylene

R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 44535538
Conc: 19.22 ng/ml



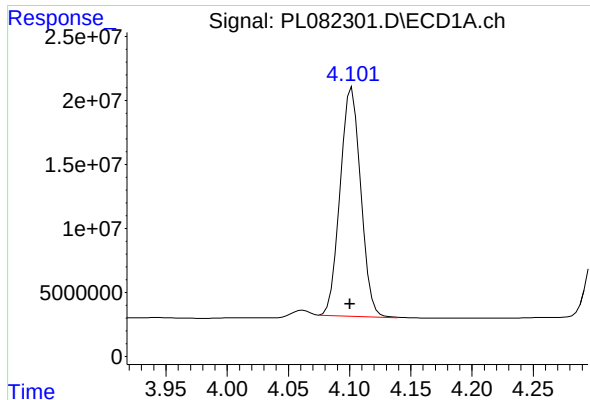
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: 0.002 min
Response: 220368197
Conc: 55.37 ng/ml



#2 alpha-BHC

R.T.: 3.146 min
Delta R.T.: 0.000 min
Response: 184737599
Conc: 54.28 ng/ml



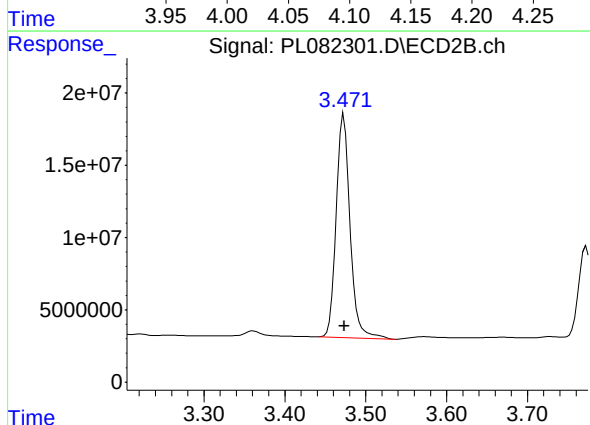
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 209381151
Conc: 56.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

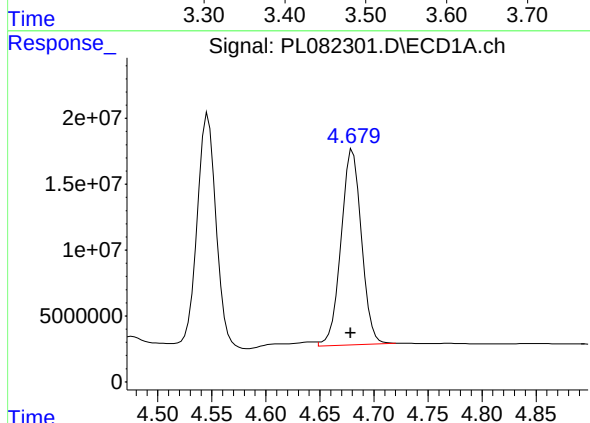
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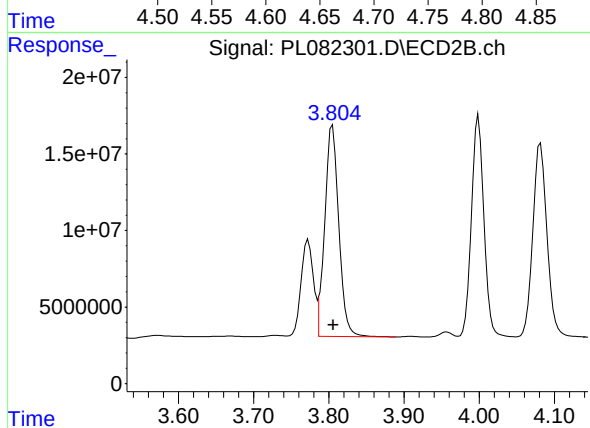
#3 gamma-BHC (Lindane)

R.T.: 3.473 min
Delta R.T.: 0.000 min
Response: 184632879
Conc: 57.42 ng/ml



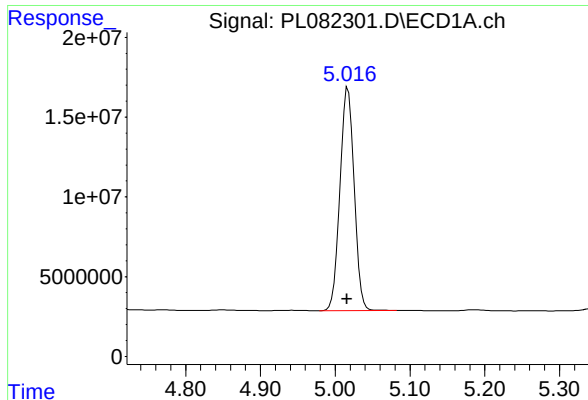
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: 0.002 min
Response: 194719501
Conc: 53.29 ng/ml



#4 Heptachlor

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 178917795
Conc: 52.27 ng/ml



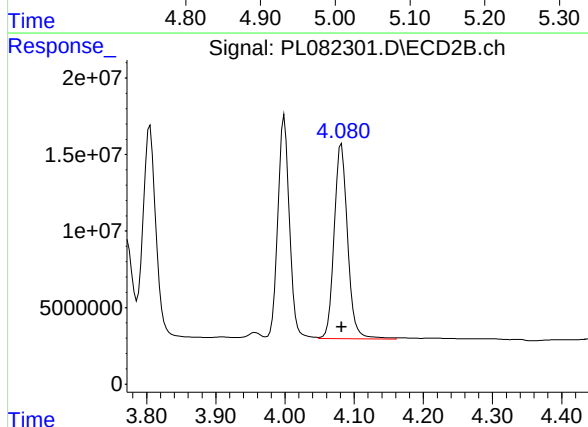
#5 Aldrin

R.T.: 5.017 min
Delta R.T.: 0.002 min
Response: 184864855
Conc: 56.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

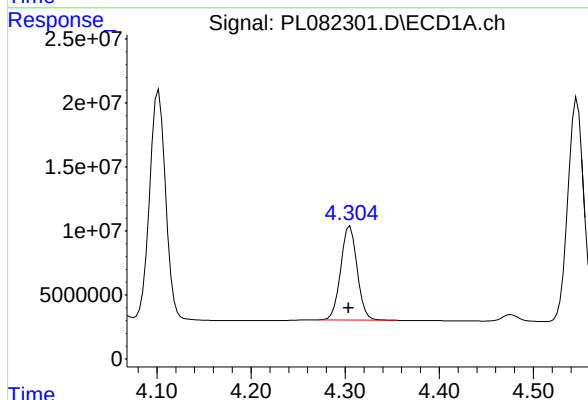
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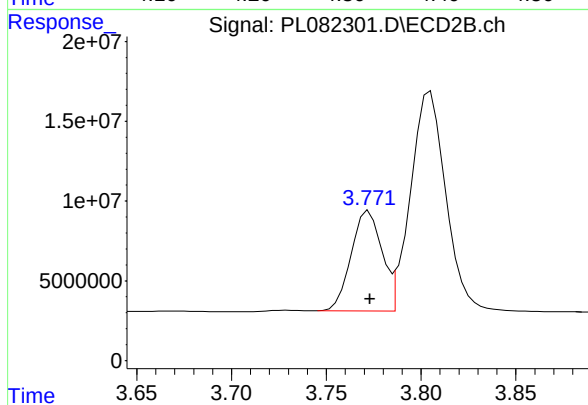
#5 Aldrin

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 171436811
Conc: 54.43 ng/ml



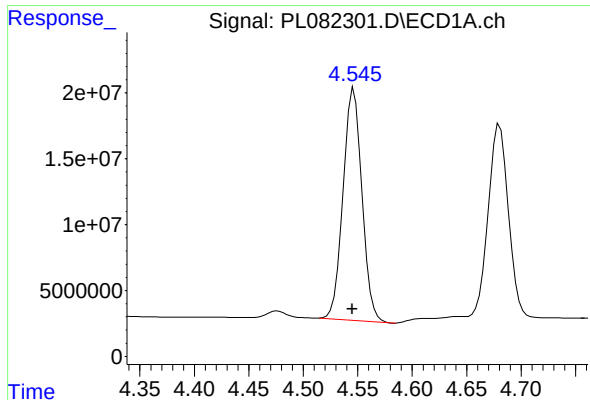
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 89075547
Conc: 52.23 ng/ml



#6 beta-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 71134550
Conc: 52.14 ng/ml



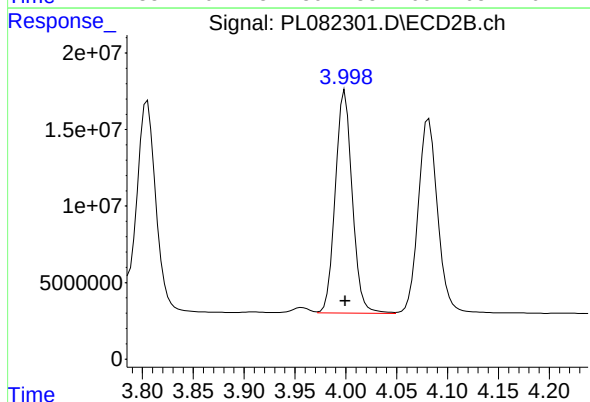
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: 0.001 min
Response: 210974377
Conc: 58.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

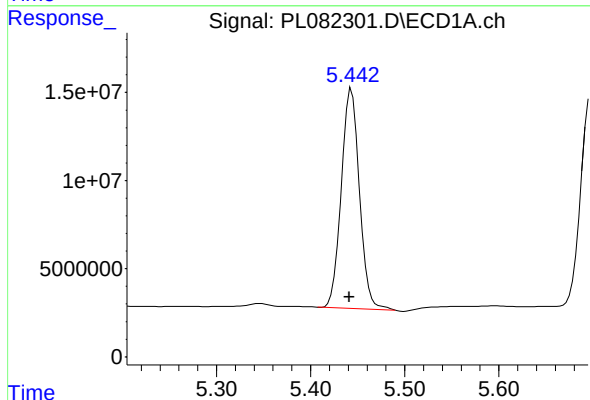
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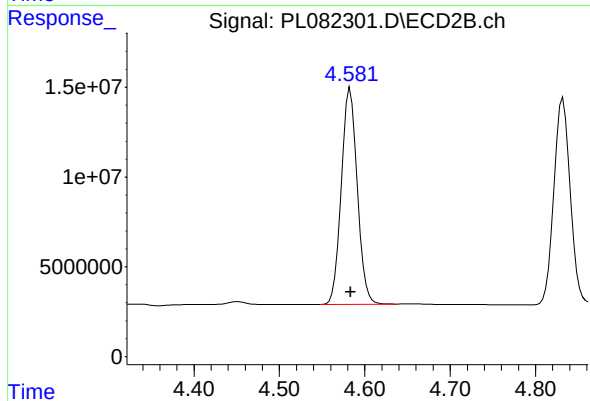
#7 delta-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 168525584
Conc: 54.94 ng/ml



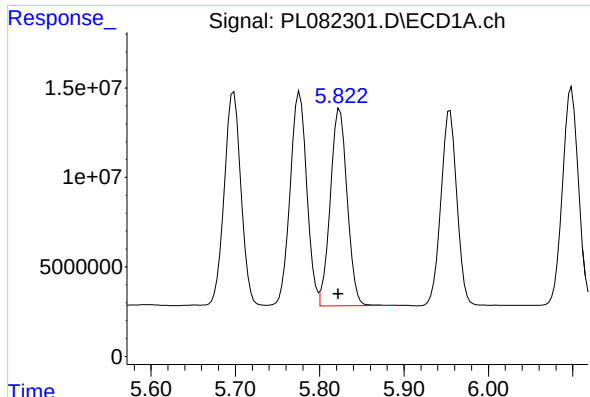
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: 0.002 min
Response: 167262067
Conc: 54.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 155659108
Conc: 54.03 ng/ml



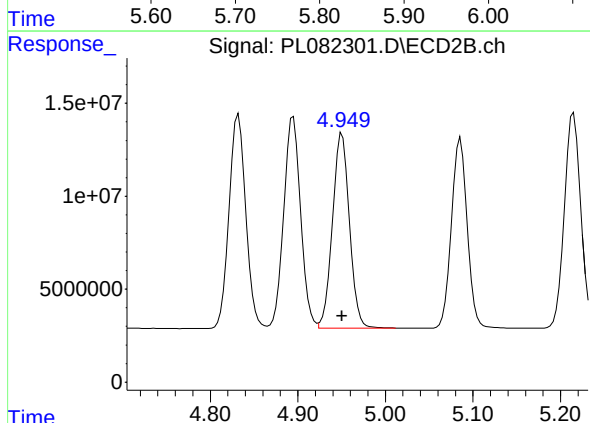
#9 Endosulfan I

R.T.: 5.824 min
Delta R.T.: 0.002 min
Response: 153239883
Conc: 55.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

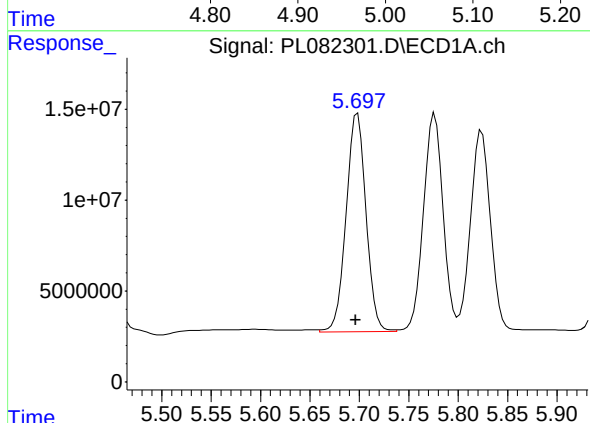
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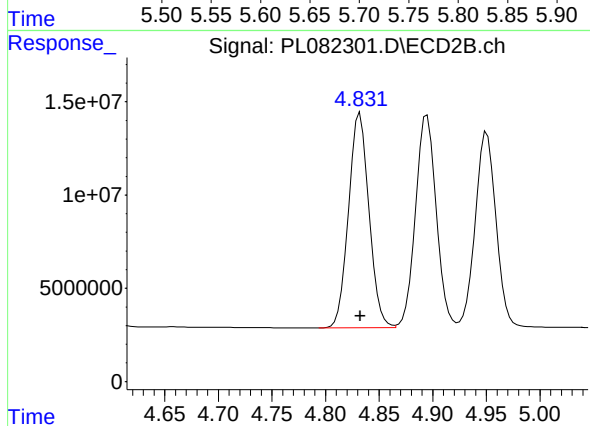
#9 Endosulfan I

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 141448715
Conc: 52.99 ng/ml



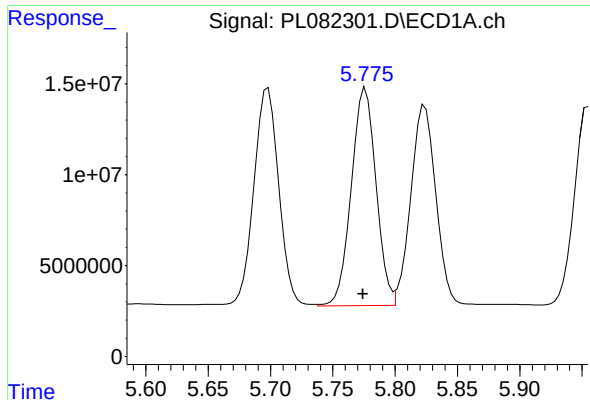
#10 gamma-Chlordane

R.T.: 5.698 min
Delta R.T.: 0.002 min
Response: 168365042
Conc: 55.99 ng/ml



#10 gamma-Chlordane

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 152942865
Conc: 52.71 ng/ml



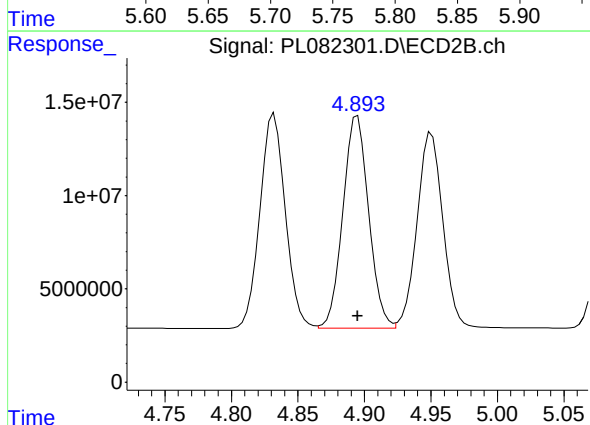
#11 alpha-Chlordane

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 165099453
Conc: 55.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

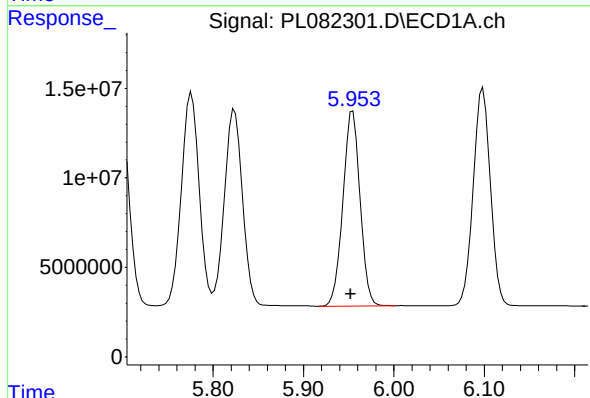
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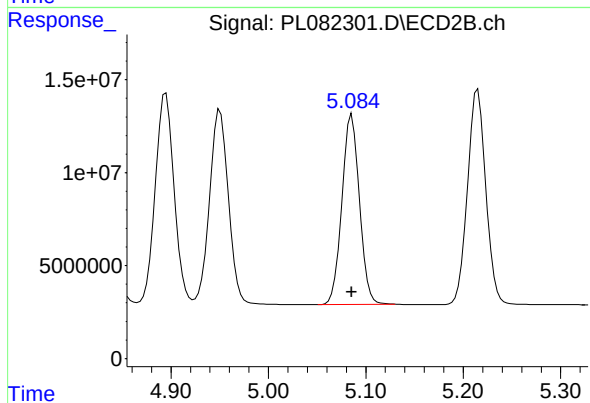
#11 alpha-Chlordane

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 153549831
Conc: 52.90 ng/ml



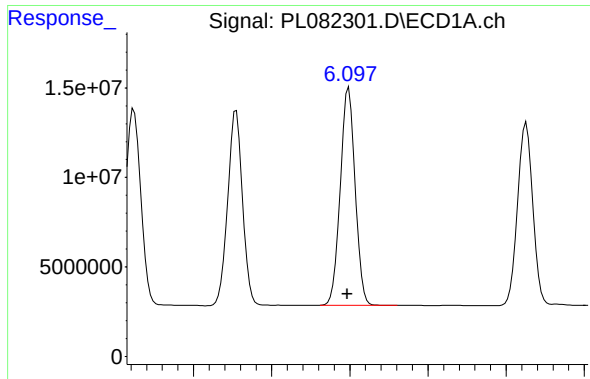
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: 0.002 min
Response: 143659426
Conc: 56.51 ng/ml



#12 4,4'-DDE

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 127497661
Conc: 55.46 ng/ml



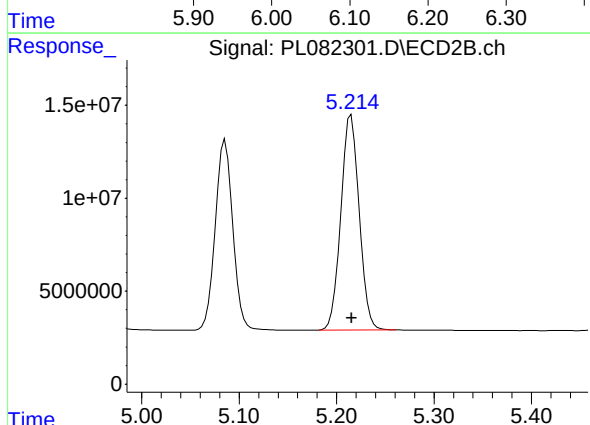
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 161087284
Conc: 58.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

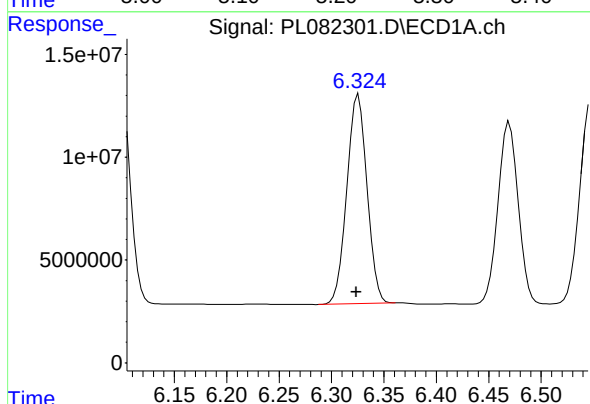
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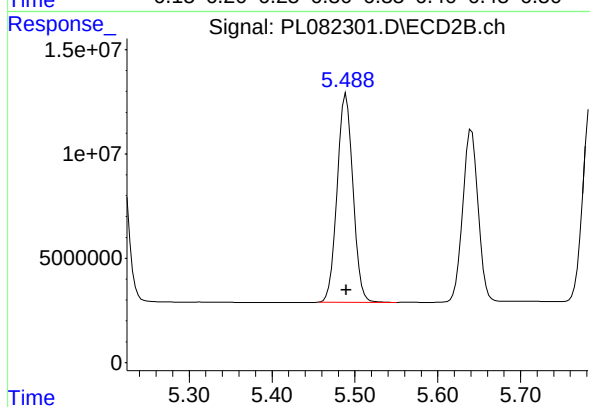
#13 Dieldrin

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 151219380
Conc: 56.00 ng/ml



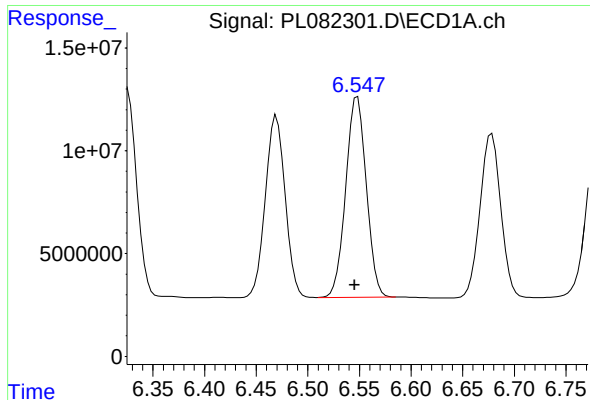
#14 Endrin

R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 137109993
Conc: 56.55 ng/ml



#14 Endrin

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 132431341
Conc: 54.14 ng/ml



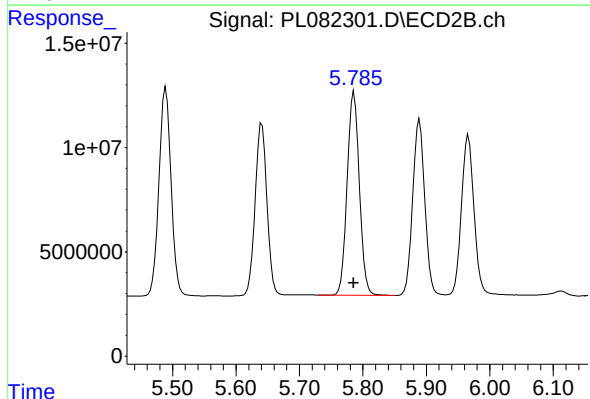
#15 Endosulfan II

R.T.: 6.548 min
Delta R.T.: 0.003 min
Response: 134924383
Conc: 55.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
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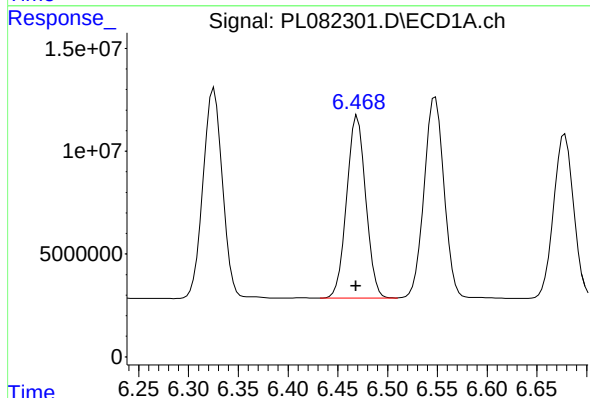
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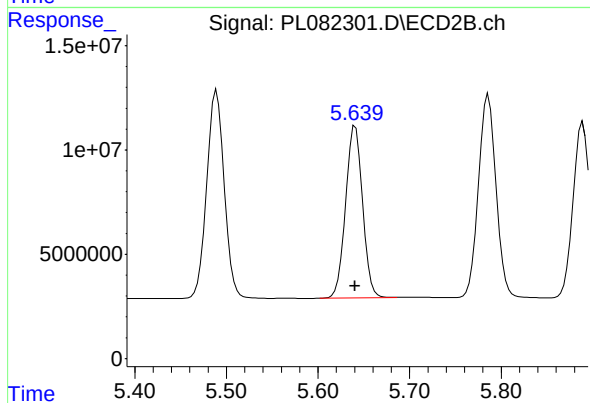
#15 Endosulfan II

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 129808850
Conc: 57.59 ng/ml



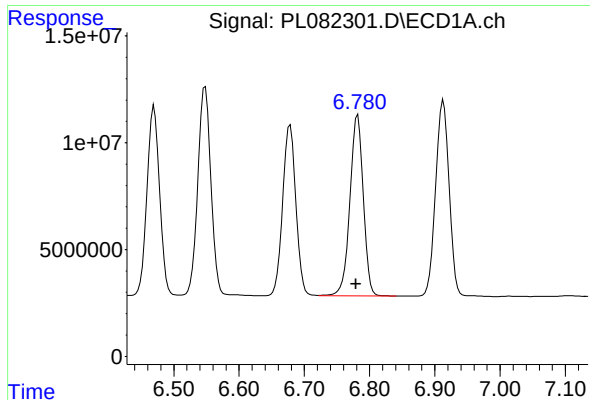
#16 4,4'-DDD

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 118386673
Conc: 58.40 ng/ml



#16 4,4'-DDD

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 106588356
Conc: 56.99 ng/ml



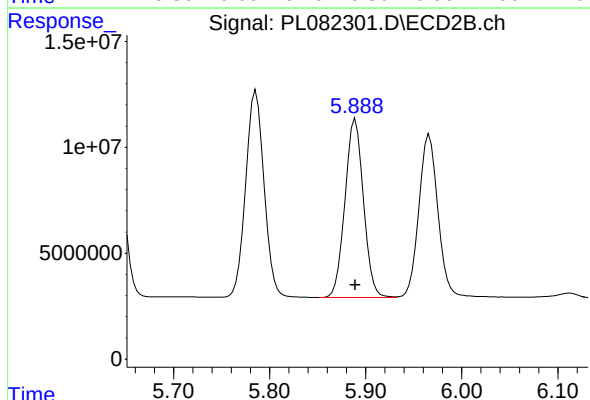
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 120656155
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

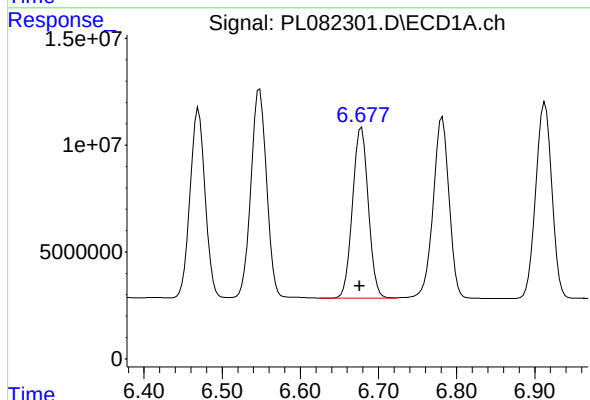
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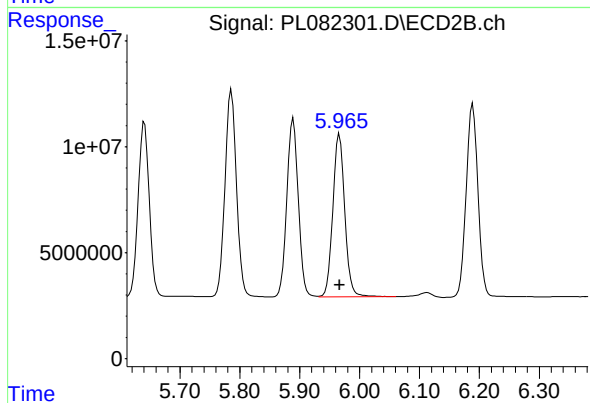
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 111791762
Conc: 52.92 ng/ml



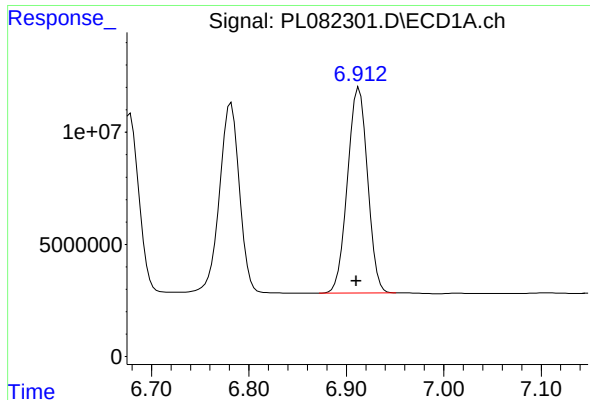
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 112320445
Conc: 59.61 ng/ml



#18 Endrin aldehyde

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 106232391
Conc: 56.77 ng/ml



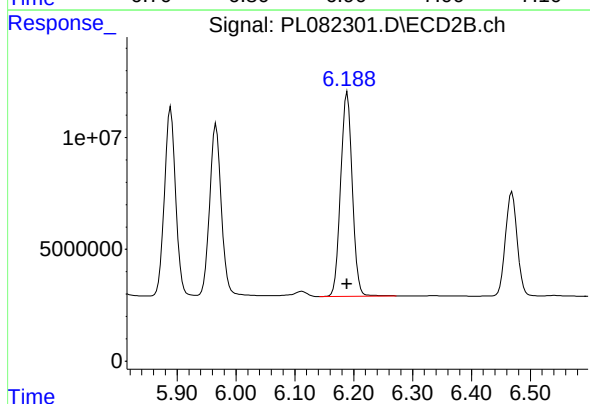
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 131273490
Conc: 55.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

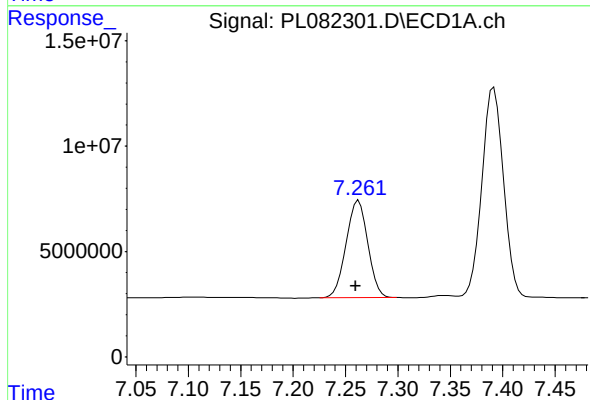
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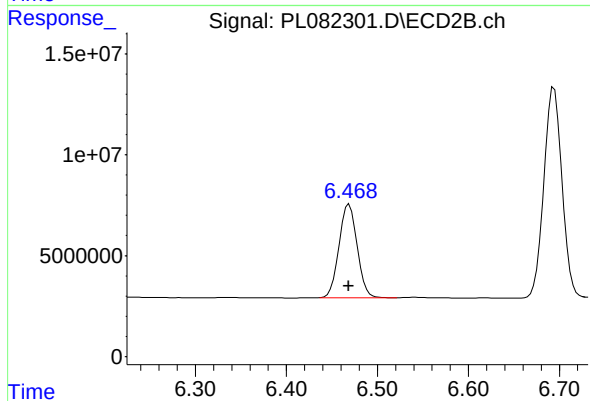
#19 Endosulfan Sulfate

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 125659706
Conc: 53.38 ng/ml



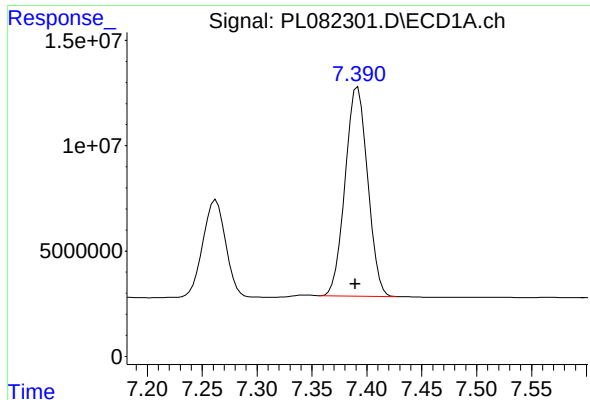
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: 0.003 min
Response: 66960253
Conc: 54.87 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 64121838
Conc: 52.91 ng/ml



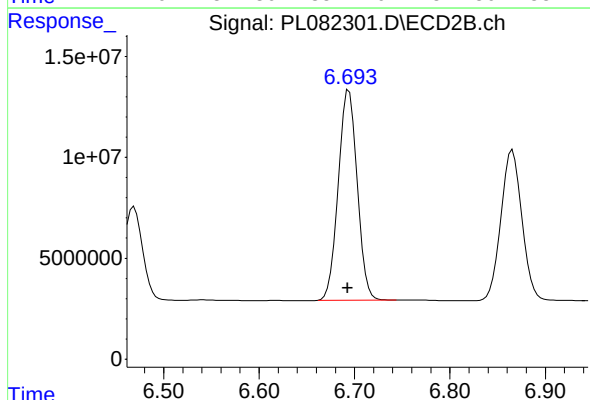
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: 0.002 min
Response: 141681800
Conc: 59.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

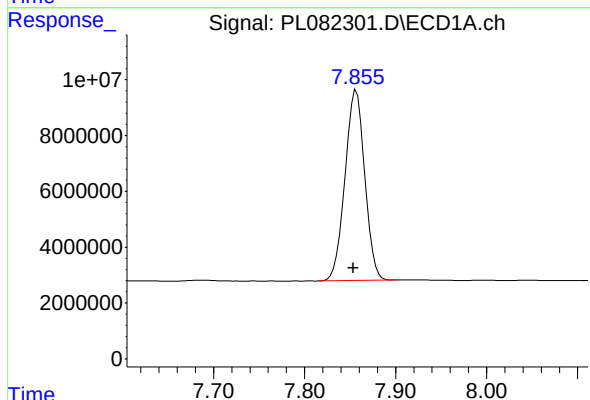
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



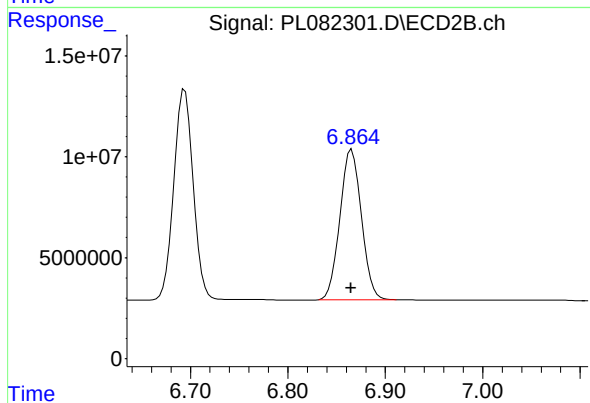
#21 Endrin ketone

R.T.: 6.694 min
Delta R.T.: 0.001 min
Response: 143609517
Conc: 56.58 ng/ml



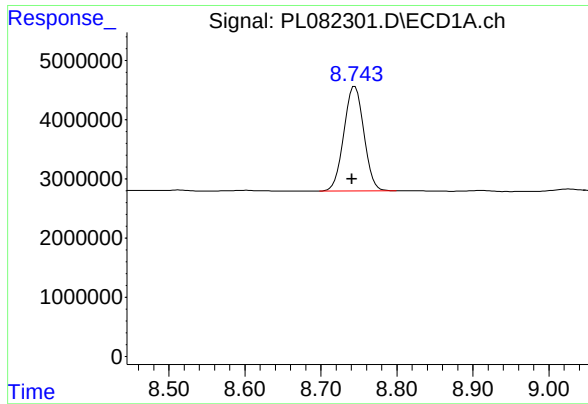
#22 Mirex

R.T.: 7.857 min
Delta R.T.: 0.003 min
Response: 103186248
Conc: 52.75 ng/ml



#22 Mirex

R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 113950987
Conc: 49.45 ng/ml



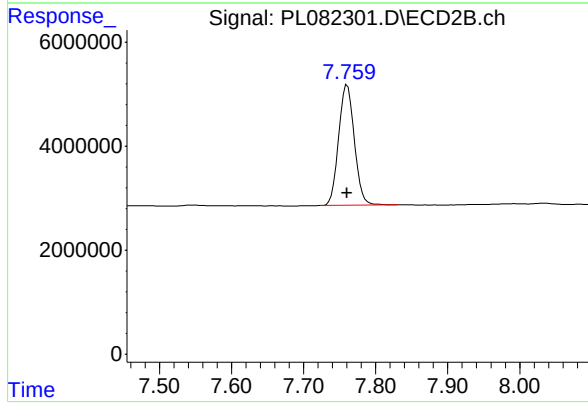
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 32322536
Conc: 16.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 34997526
Conc: 15.33 ng/ml