

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
 Data File : PL080770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 14:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/07/2023
 Supervised By :Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:29:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.352	2.688	117.1E6	114.1E6	54.588	51.947
28)	SA Decachlor...	8.791	7.836	89973667	110.2E6	51.391	46.244
Target Compounds							
2)	A alpha-BHC	3.800	3.189	180.1E6	166.4E6	56.852	52.321
3)	MA gamma-BHC...	4.129	3.518	166.5E6	156.4E6	56.624	52.361
4)	MA Heptachlor	4.713	3.858	160.2E6	154.8E6	54.218	48.649
5)	MB Aldrin	5.051	4.138	147.2E6	145.4E6	53.806	49.306
6)	B beta-BHC	4.325	3.814	71955594	67801515	52.714	50.802
7)	B delta-BHC	4.568	4.043	163.7E6	151.0E6	56.547	52.338
8)	B Heptachlo...	5.476	4.640	135.6E6	134.4E6	52.405	48.310
9)	A Endosulfan I	5.858	5.010	125.2E6	123.2E6	53.039	47.375
10)	B gamma-Chl...	5.731	4.889	135.4E6	136.9E6	53.626	48.303m
11)	B alpha-Chl...	5.810	4.955	133.8E6	133.2E6	53.014	46.489
12)	B 4,4'-DDE	5.988	5.148	119.6E6	114.5E6	53.710	48.557
13)	MA Dieldrin	6.132	5.275	127.9E6	127.4E6	53.423	47.083
14)	MA Endrin	6.358	5.550	108.5E6	110.3E6	50.160m	47.538
15)	B Endosulfa...	6.579	5.843	105.2E6	105.6E6	45.871	50.676
16)	A 4,4'-DDD	6.503	5.702	99909952	97719409	54.536	52.000
17)	MA 4,4'-DDT	6.816	5.953	101.5E6	98845012	48.862	47.036
18)	B Endrin al...	6.708	6.024	83933031	84455582	50.459	46.249
19)	B Endosulfa...	6.942	6.247	108.6E6	111.8E6	52.487	48.060
20)	A Methoxychlor	7.293	6.531	54106872	55029541	49.041	45.349
21)	B Endrin ke...	7.422	6.752	117.4E6	127.9E6	53.197	50.083
22)	Mirex	7.894	6.935	86673763	104.8E6	50.398	46.034

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
Data File : PL080770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2023 14:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

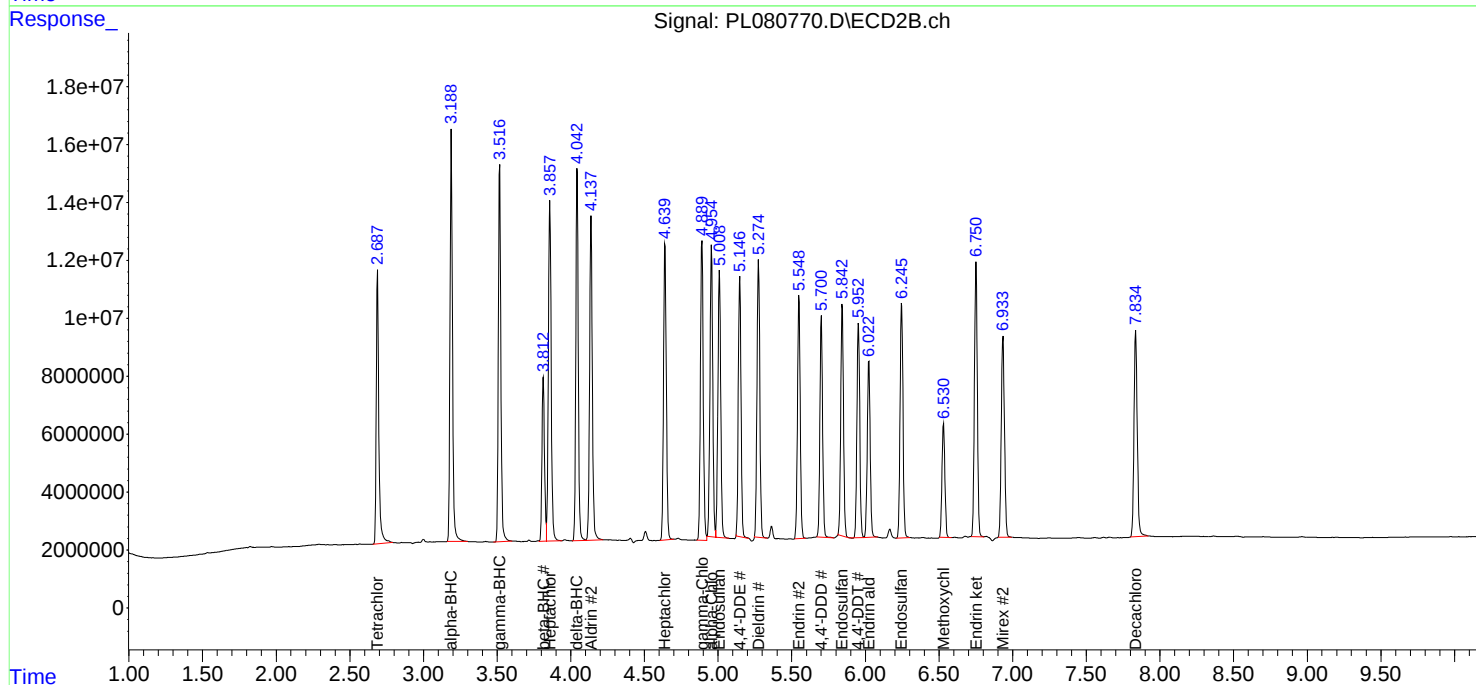
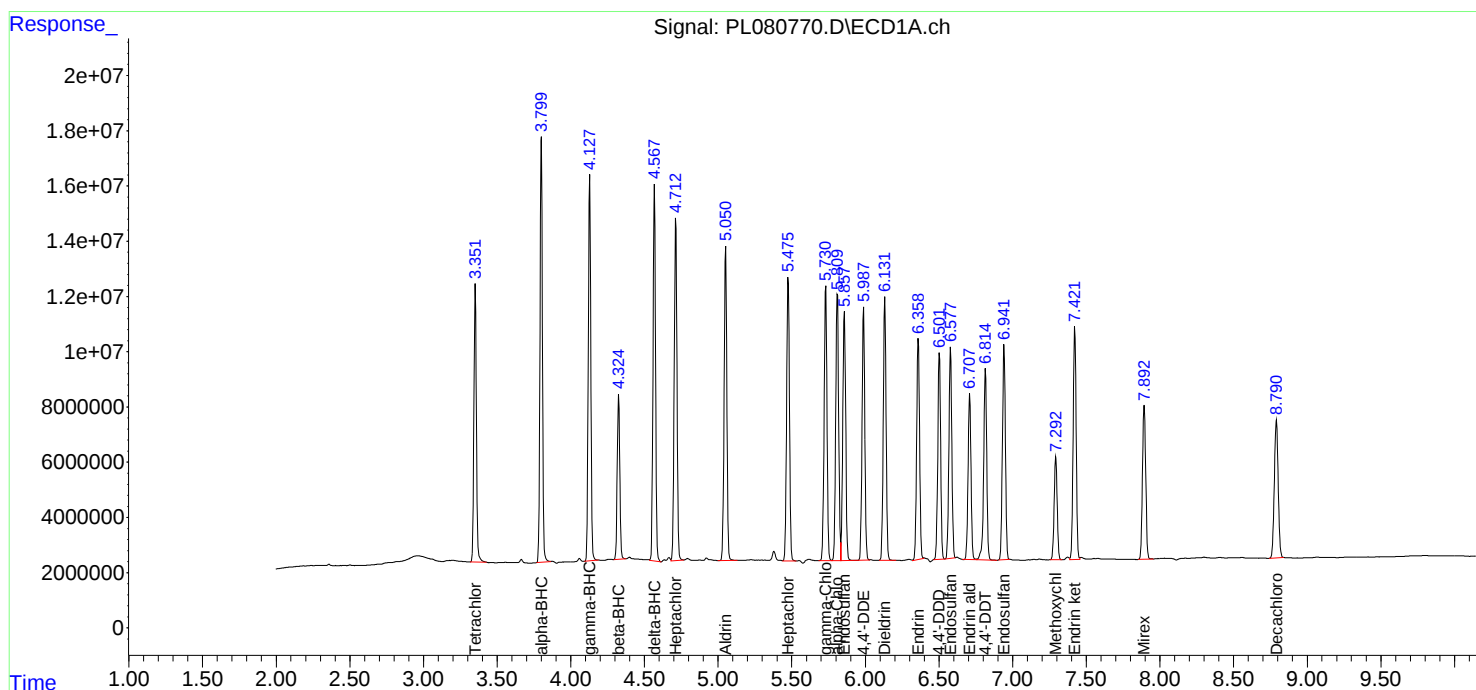
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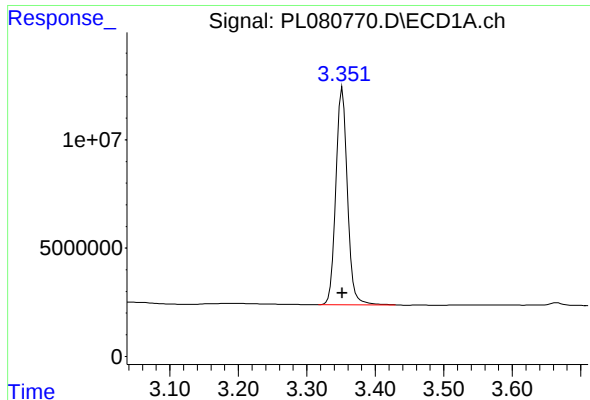
Reviewed By :Abdul Mirza 02/07/2023

Supervised By :Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 21:29:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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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





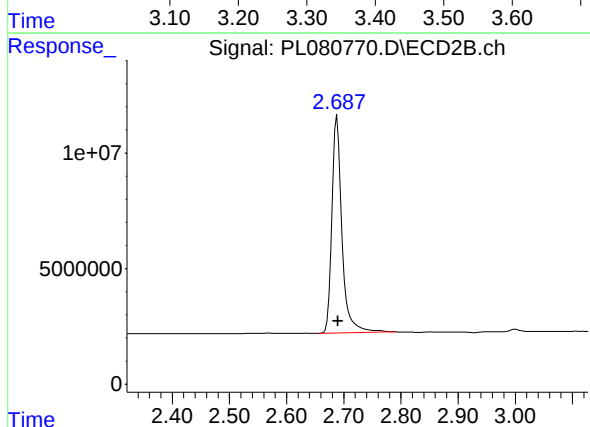
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 117082888
Conc: 54.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

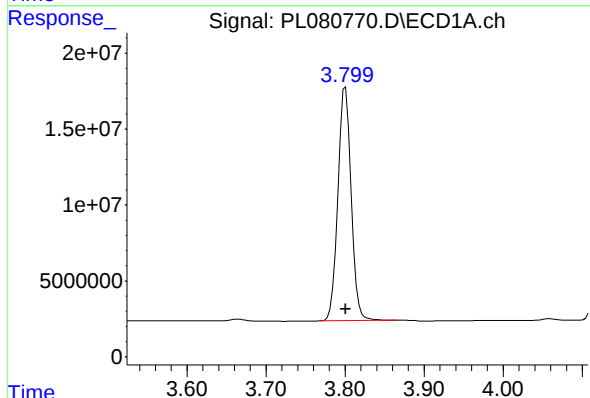
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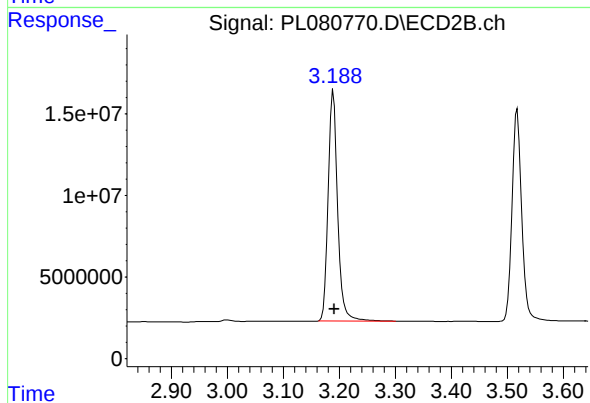
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 114098415
Conc: 51.95 ng/ml



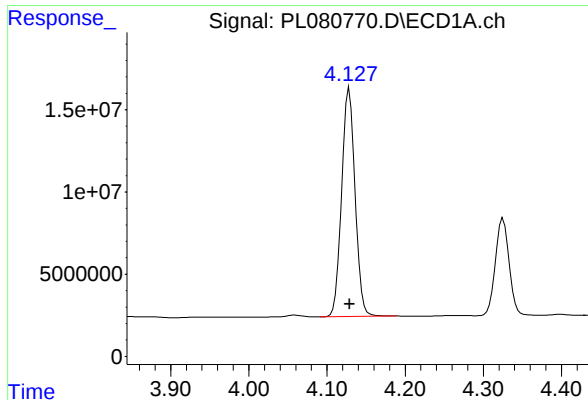
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 180109670
Conc: 56.85 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 166402882
Conc: 52.32 ng/ml



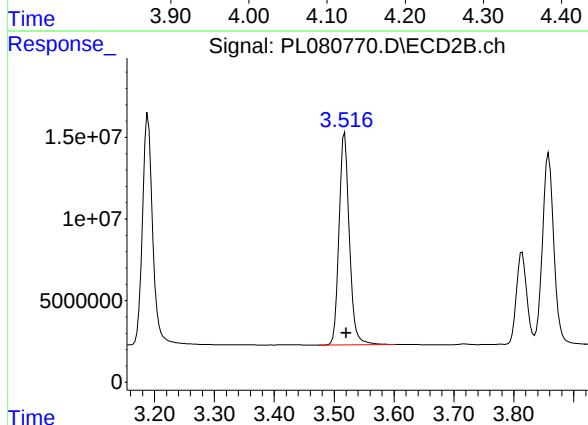
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 166462783
Conc: 56.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

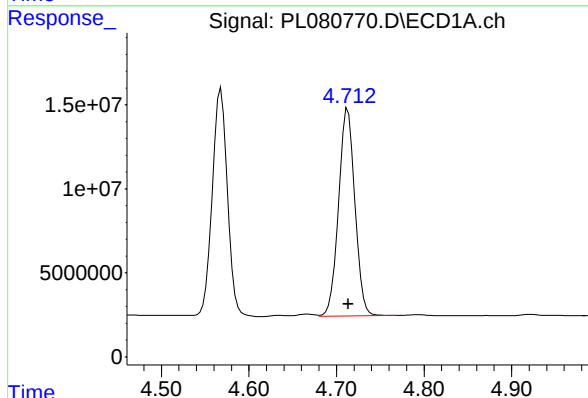
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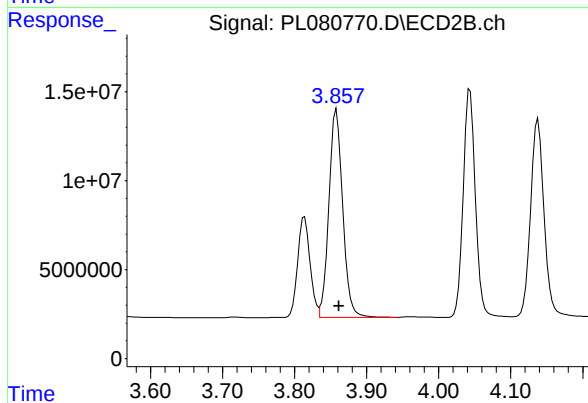
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 156417329
Conc: 52.36 ng/ml



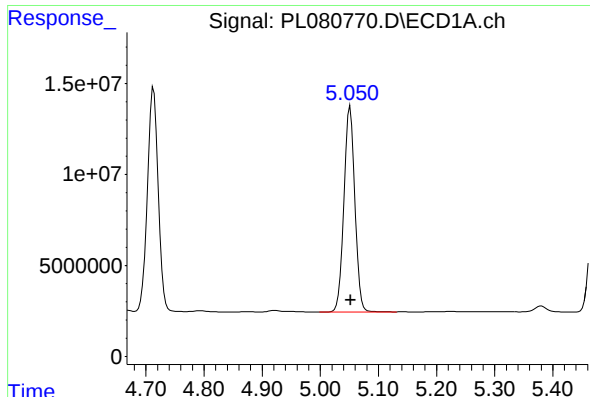
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 160226758
Conc: 54.22 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 154820322
Conc: 48.65 ng/ml



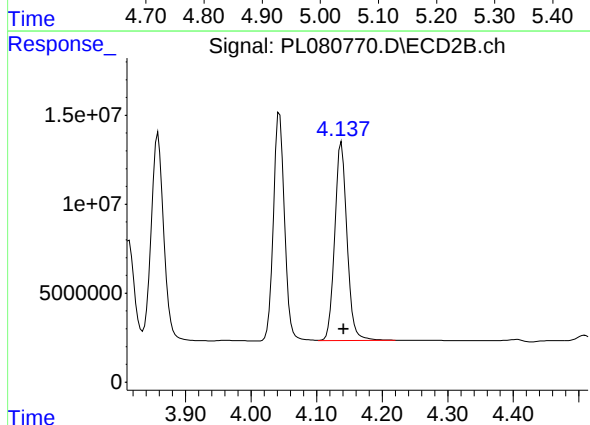
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 147201288
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

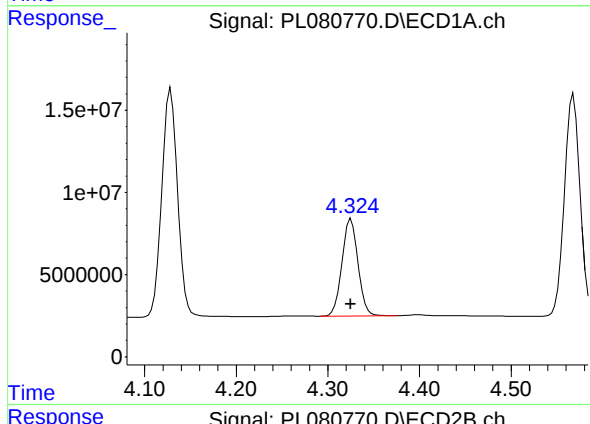
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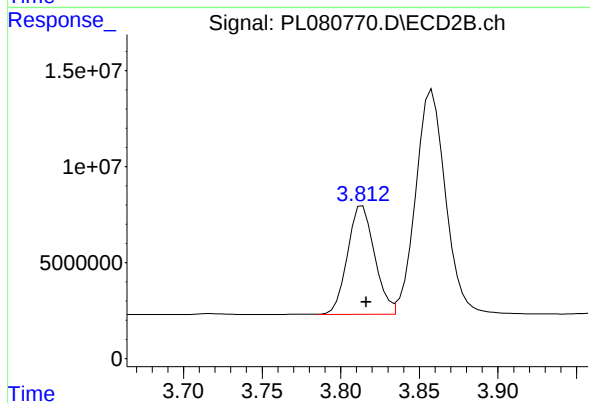
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 145432416
Conc: 49.31 ng/ml



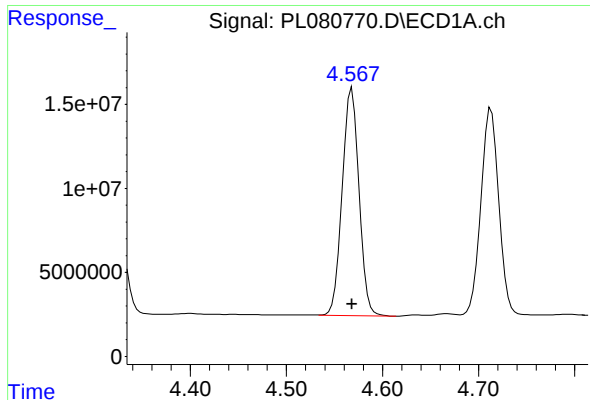
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 71955594
Conc: 52.71 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 67801515
Conc: 50.80 ng/ml



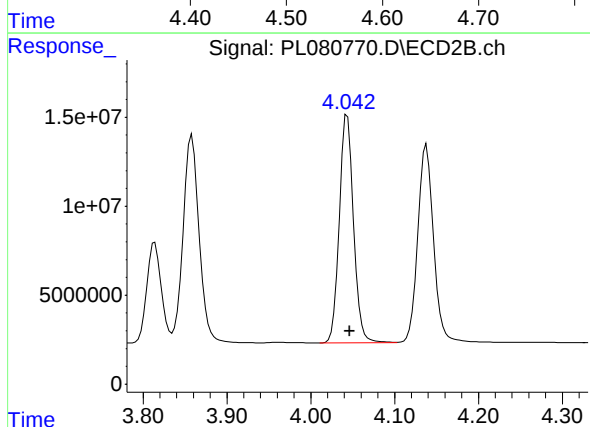
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 163703471
Conc: 56.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

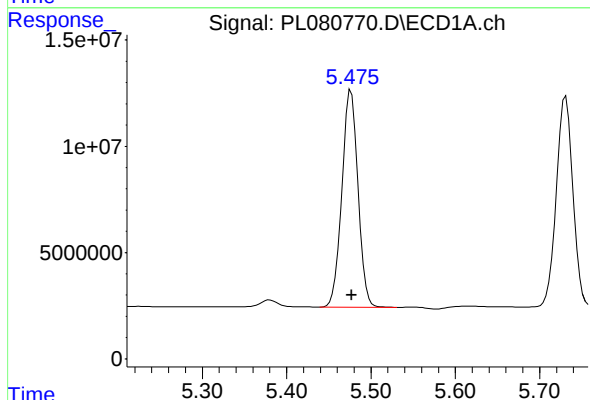
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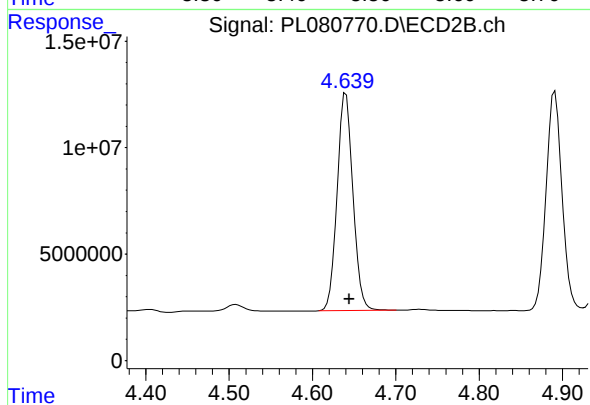
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 150964637
Conc: 52.34 ng/ml



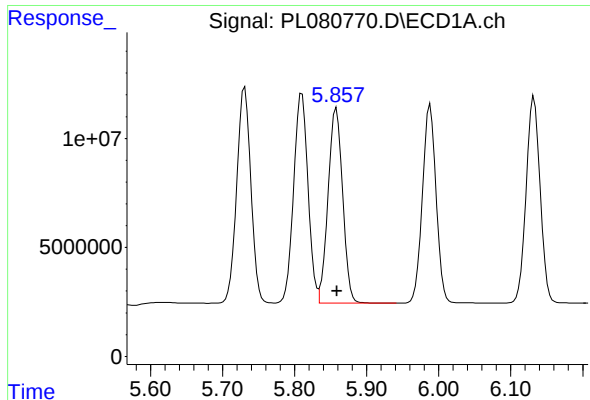
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 135573758
Conc: 52.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 134413774
Conc: 48.31 ng/ml



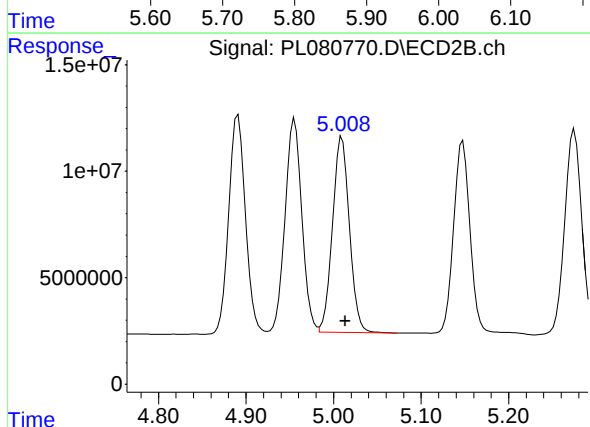
#9 Endosulfan I

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 125249982
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

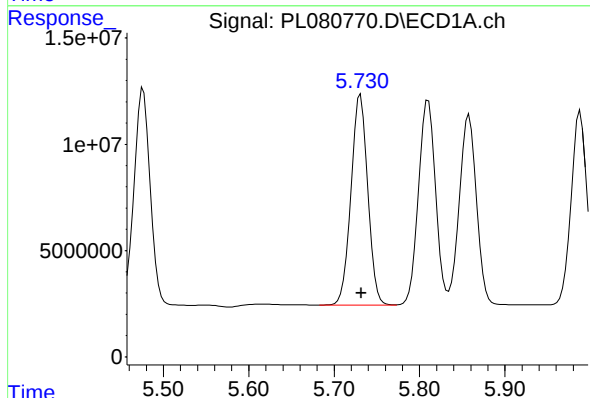
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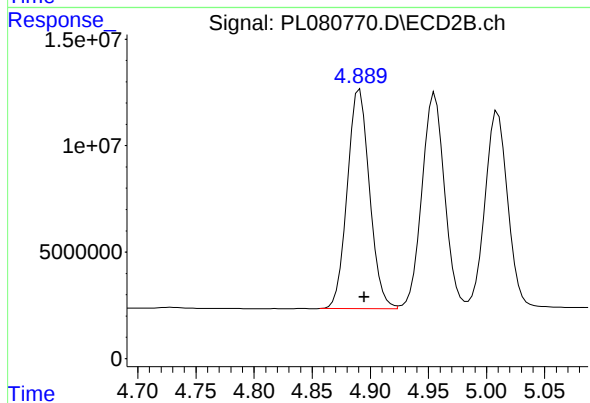
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 123237984
Conc: 47.37 ng/ml



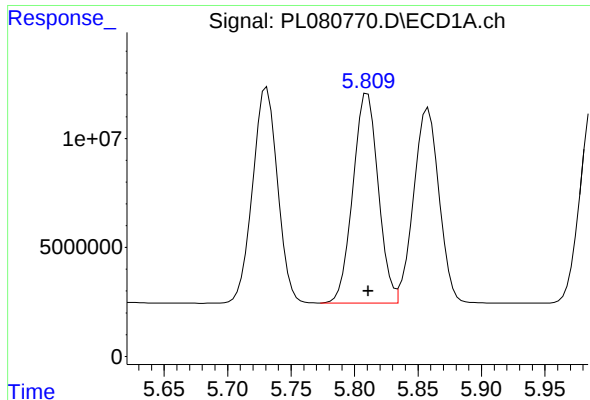
#10 gamma-Chlordane

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 135445669
Conc: 53.63 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 136903275
Conc: 48.30 ng/ml m



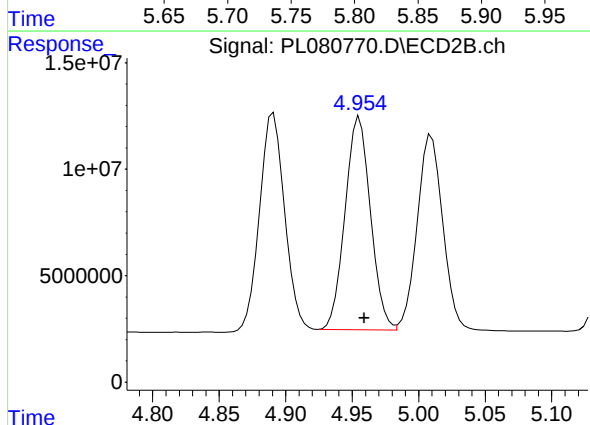
#11 alpha-Chlordane

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 133820566
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

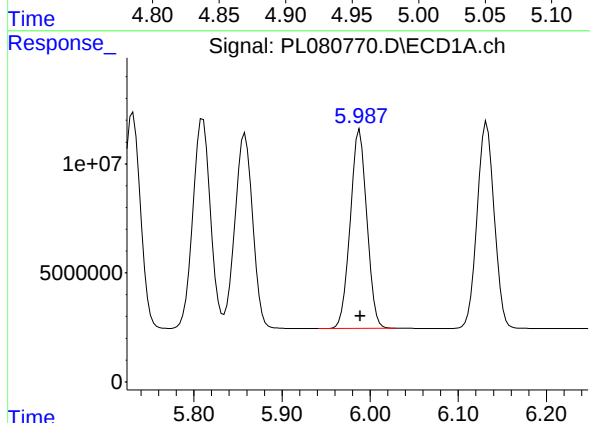
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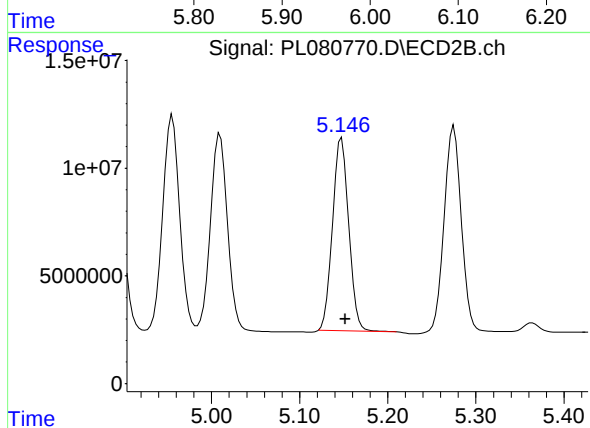
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 133175010
Conc: 46.49 ng/ml



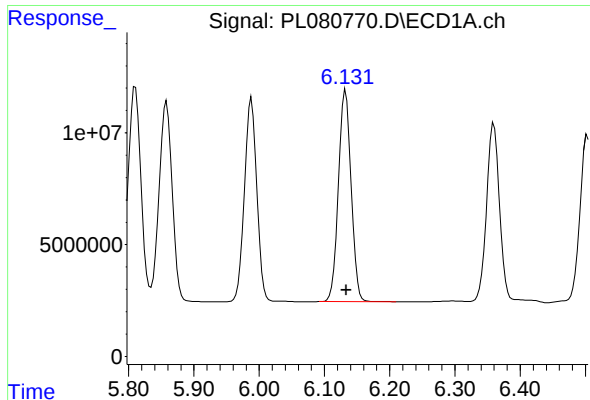
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 119630010
Conc: 53.71 ng/ml



#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 114538917
Conc: 48.56 ng/ml



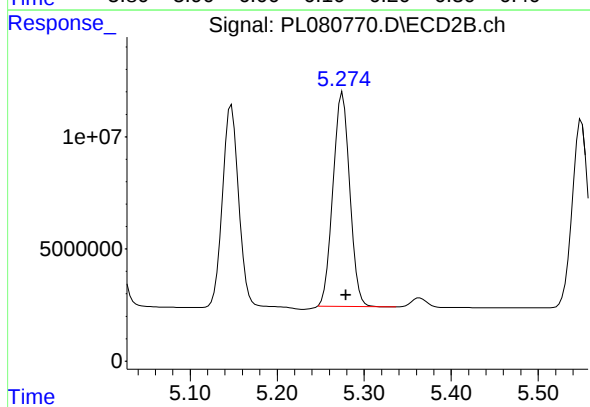
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 127860996
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

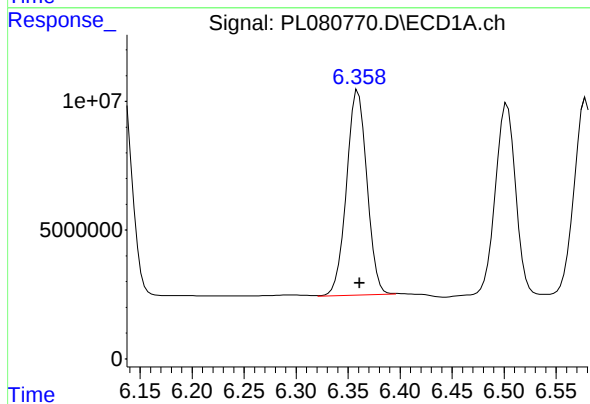
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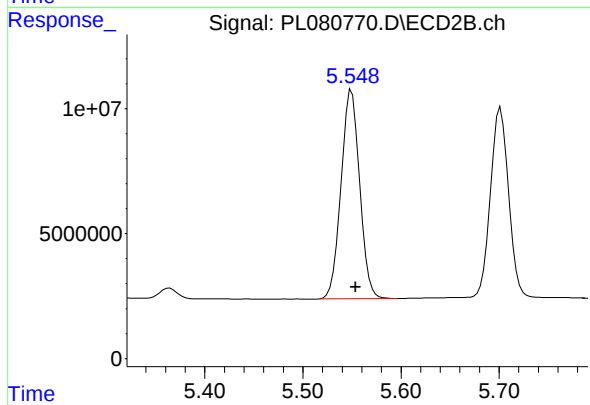
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 127357489
Conc: 47.08 ng/ml



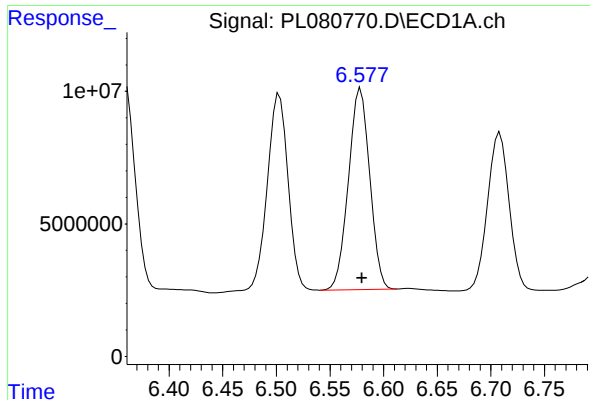
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 108481896
Conc: 50.16 ng/ml m



#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 110343360
Conc: 47.54 ng/ml



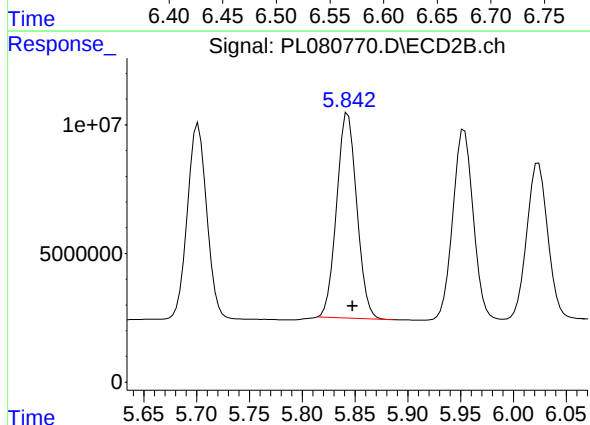
#15 Endosulfan II

R.T.: 6.579 min
Delta R.T.: -0.001 min
Response: 105151143
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

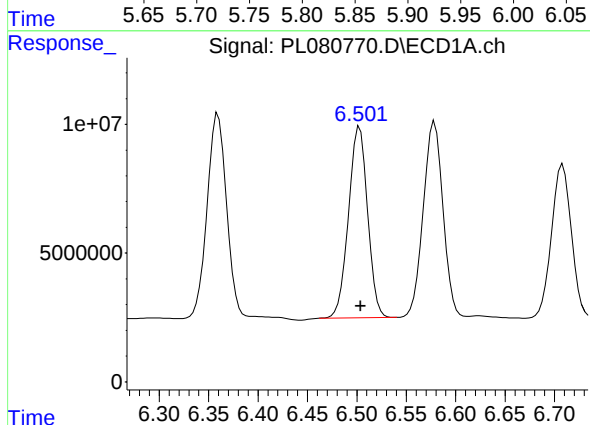
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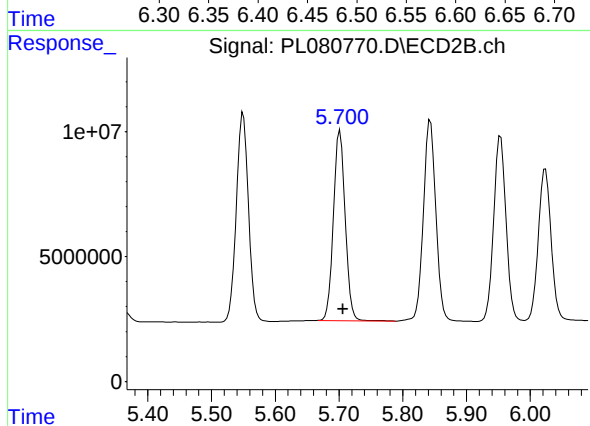
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 105594335
Conc: 50.68 ng/ml



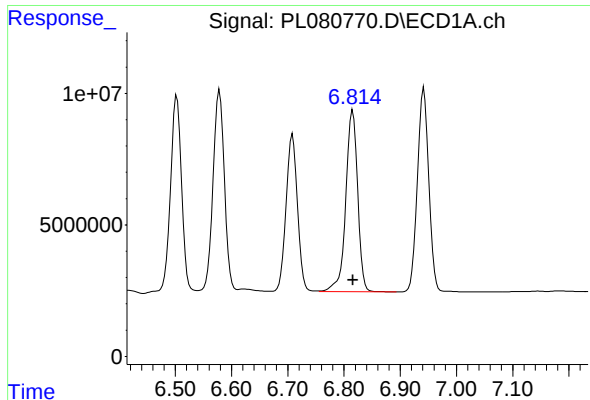
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 99909952
Conc: 54.54 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 97719409
Conc: 52.00 ng/ml



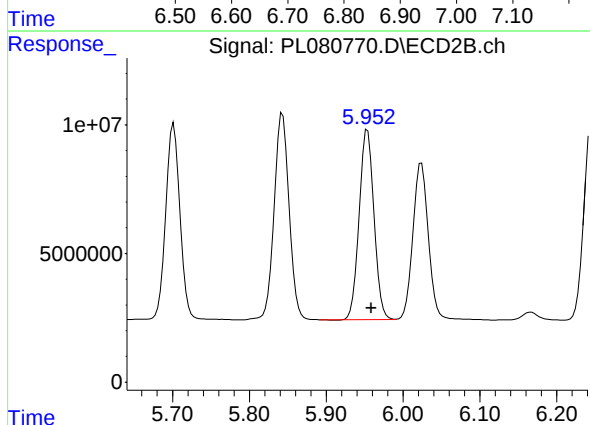
#17 4,4'-DDT

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 101518957
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

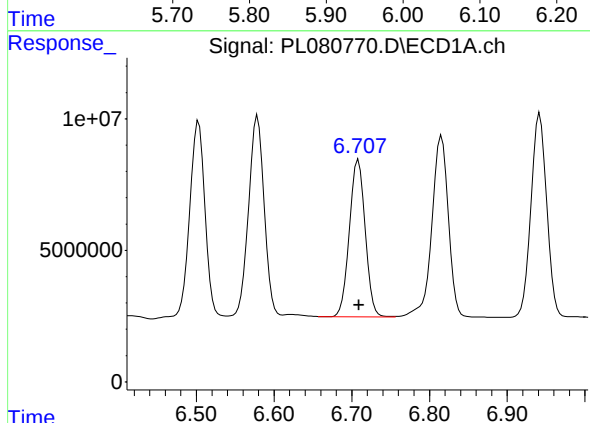
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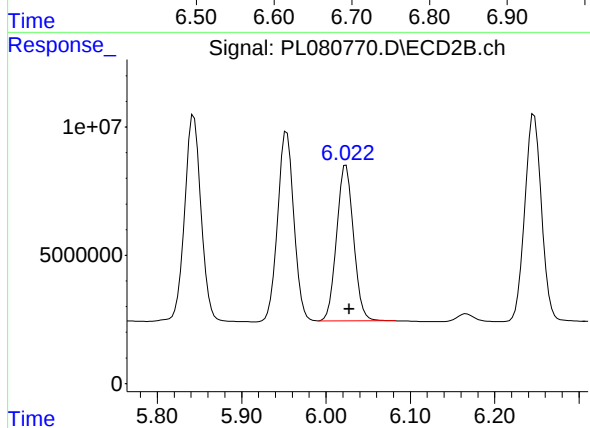
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 98845012
Conc: 47.04 ng/ml



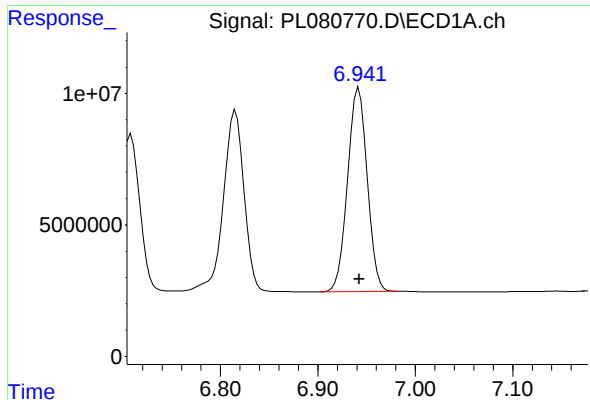
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 83933031
Conc: 50.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 84455582
Conc: 46.25 ng/ml



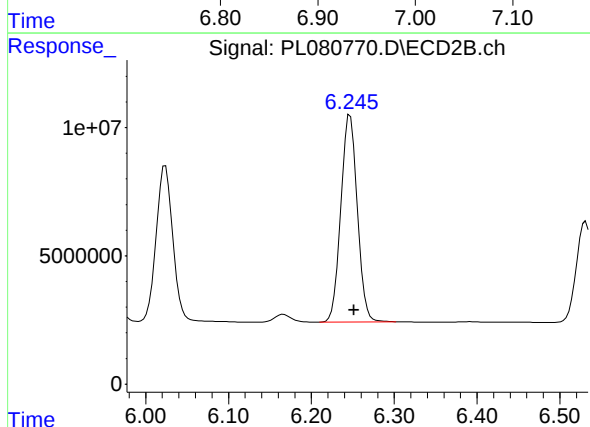
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 108643891
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

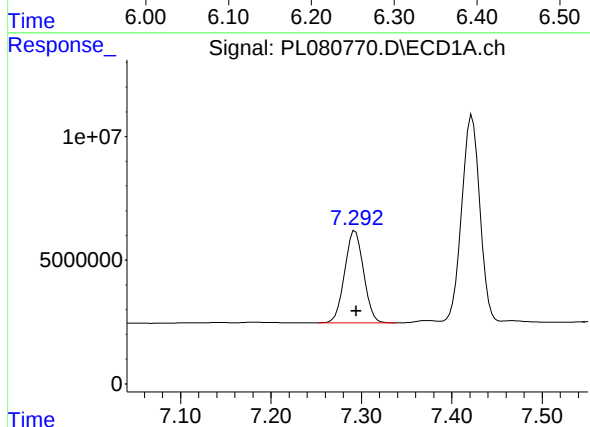
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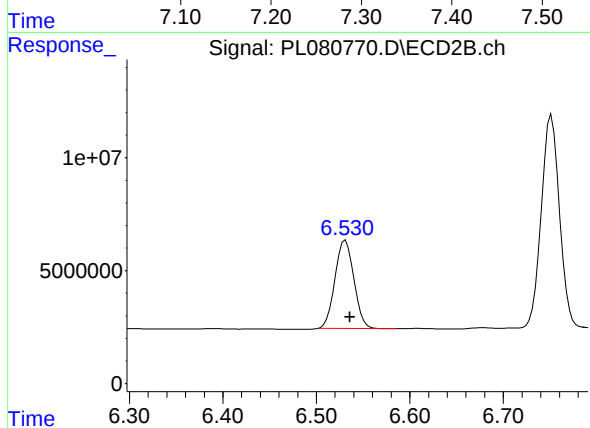
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 111772097
Conc: 48.06 ng/ml



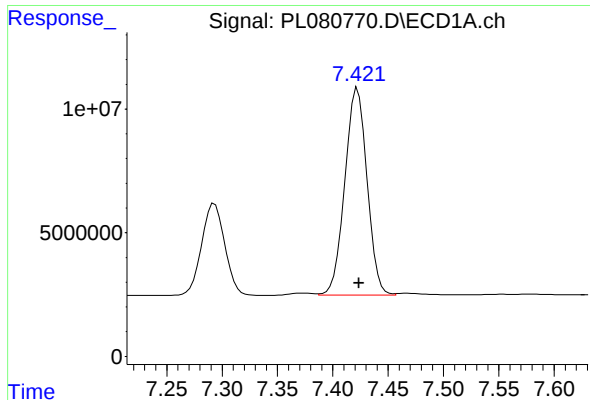
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 54106872
Conc: 49.04 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 55029541
Conc: 45.35 ng/ml



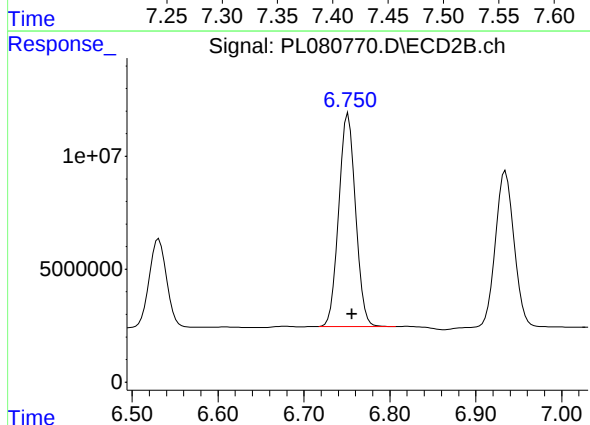
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.001 min
Response: 117370965
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

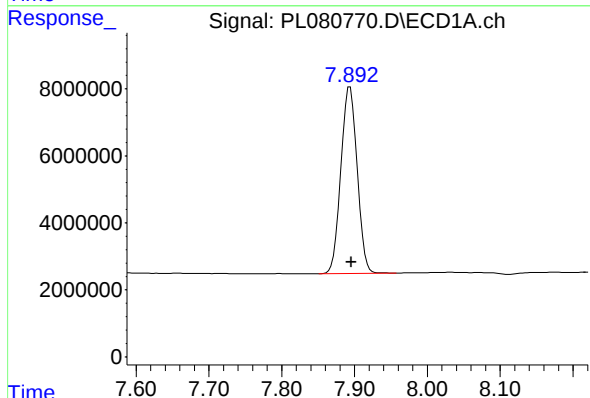
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



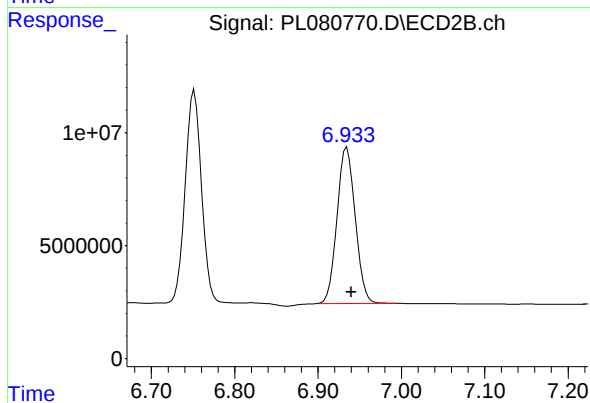
#21 Endrin ketone

R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 127872815
Conc: 50.08 ng/ml



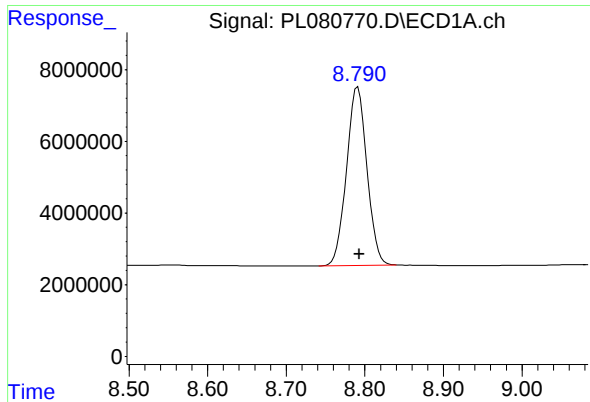
#22 Mirex

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 86673763
Conc: 50.40 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.006 min
Response: 104807584
Conc: 46.03 ng/ml



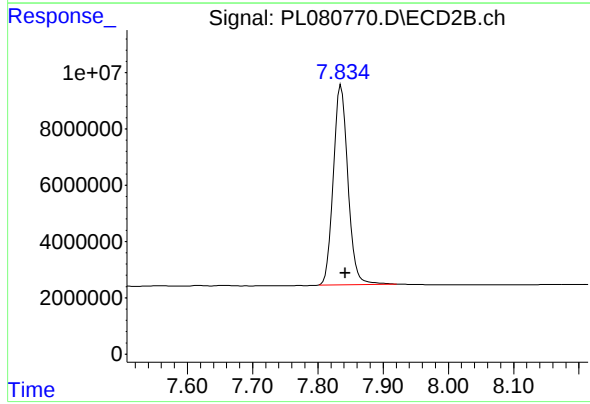
#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 89973667
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/07/2023



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 110178029
Conc: 46.24 ng/ml