

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021423\
 Data File : PL080910.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2023 14:57
 Operator : AR\AJ
 Sample : PB150829BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150829BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/15/2023
 Supervised By : Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 20:32:39 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...	3.355	2.687	60434401	60111697	28.177	27.368
28)	SA Decachlor...	8.791	7.832	47096508	59702724	26.901	25.058
Target Compounds							
2)	A alpha-BHC	3.803	3.188	178.5E6	172.3E6	56.359	54.180
3)	MA gamma-BHC...	4.131	3.516	165.9E6	161.6E6	56.419	54.091
4)	MA Heptachlor	4.715	3.856	163.6E6	166.6E6	55.366	52.366
5)	MB Aldrin	5.053	4.135	154.1E6	158.8E6	56.313	53.839
6)	B beta-BHC	4.328	3.812	71980972	69334458	52.732	51.950
7)	B delta-BHC	4.570	4.041	151.0E6	143.5E6	52.174	49.749
8)	B Heptachlo...	5.478	4.638	144.9E6	148.3E6	56.010	53.290
9)	A Endosulfan I	5.859	5.007	131.6E6	134.3E6	55.734	51.623
10)	B gamma-Chl...	5.732	4.887	143.4E6	149.6E6	56.785	52.792m
11)	B alpha-Chl...	5.811	4.953	140.8E6	145.6E6	55.773	50.829
12)	B 4,4'-DDE	5.989	5.144	124.6E6	126.0E6	55.953	53.423m
13)	MA Dieldrin	6.133	5.272	135.3E6	139.6E6	56.525	51.600
14)	MA Endrin	6.360	5.547	119.4E6	124.3E6	55.220	53.551
15)	B Endosulfa...	6.579	5.840	109.2E6	117.3E6	47.637	56.276
16)	A 4,4'-DDD	6.503	5.699	106.5E6	108.1E6	58.157	57.533
17)	MA 4,4'-DDT	6.816	5.950	97090945	100.3E6	46.731	47.741
18)	B Endrin al...	6.709	6.021	89998669	95437805	54.105	52.263
19)	B Endosulfa...	6.943	6.244	112.9E6	121.6E6	54.553	52.297
20)	A Methoxychlor	7.294	6.528	52202052	54527204	47.315	44.935
21)	B Endrin ke...	7.423	6.748	122.1E6	136.9E6	55.327	53.630
22)	Mirex	7.894	6.930	90339293	113.9E6	52.529	50.041m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021423\
Data File : PL080910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Feb 2023 14:57
Operator : AR\AJ
Sample : PB150829BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB150829BS

Manual Integrations

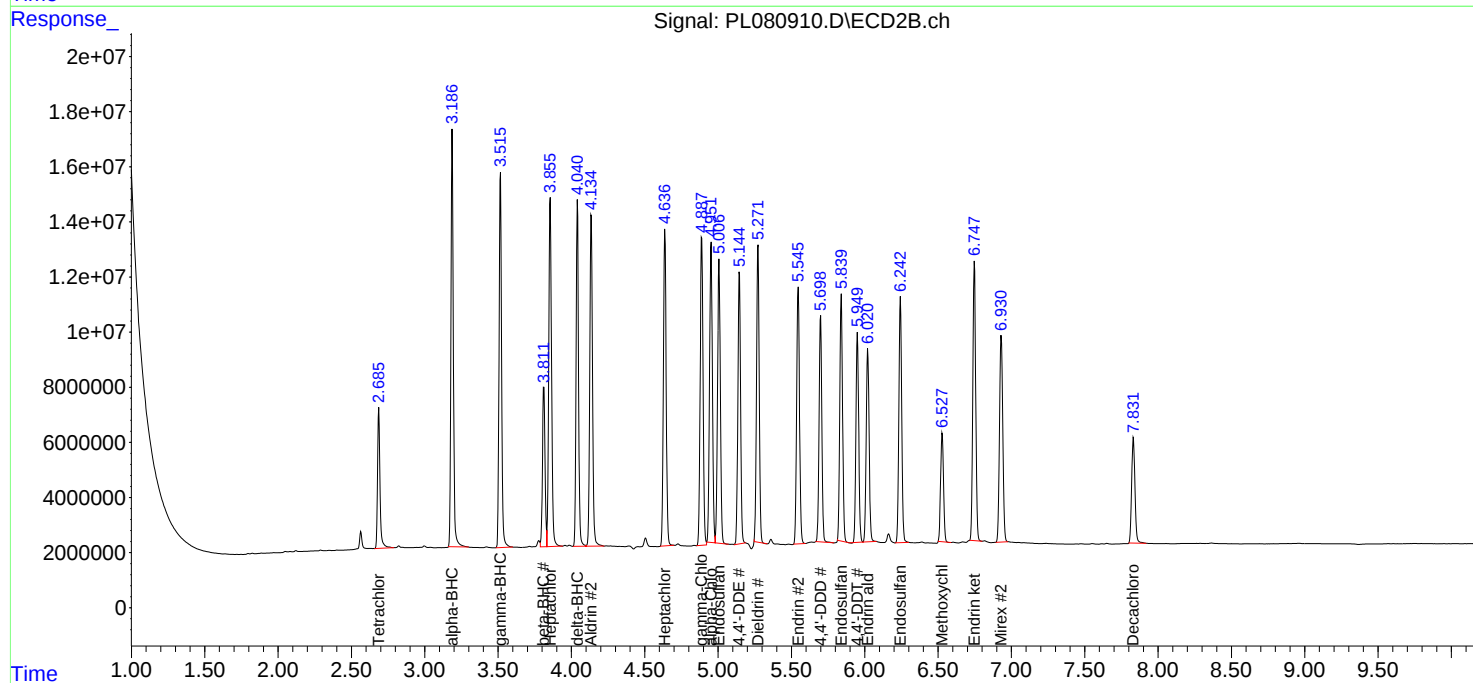
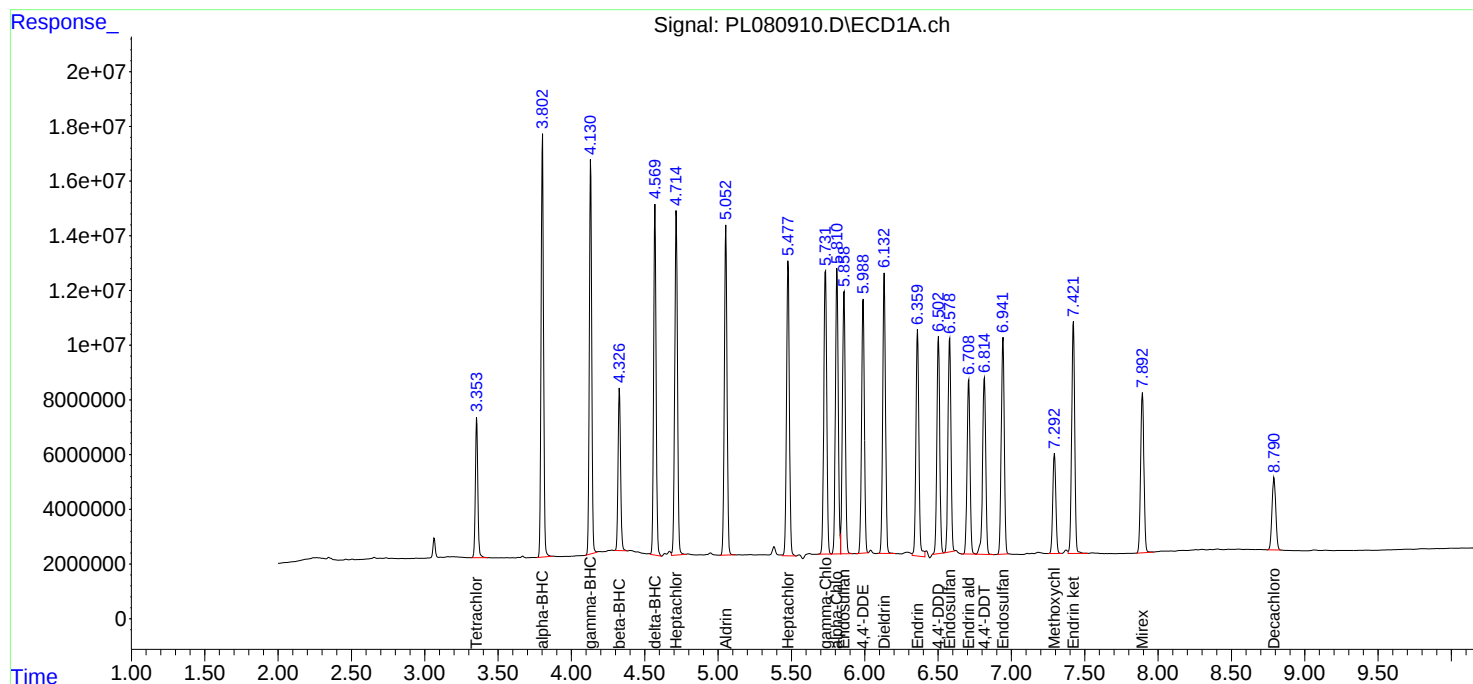
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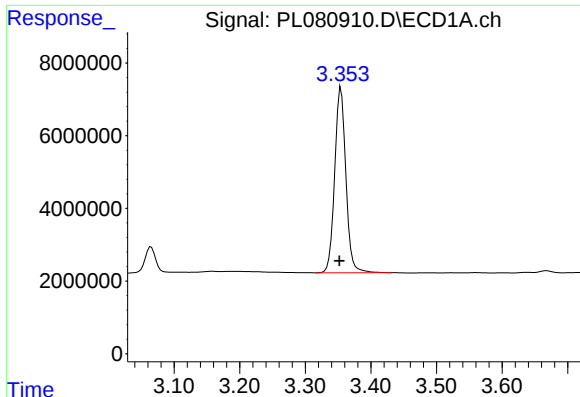
Reviewed By :Abdul Mirza 02/15/2023

Supervised By :Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 20:32:39 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
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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





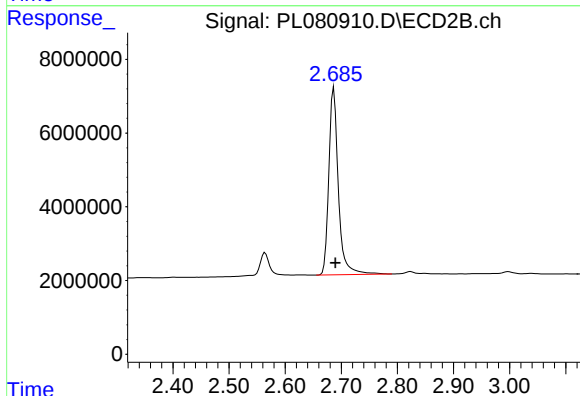
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: 0.003 min
Response: 60434401
Conc: 28.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

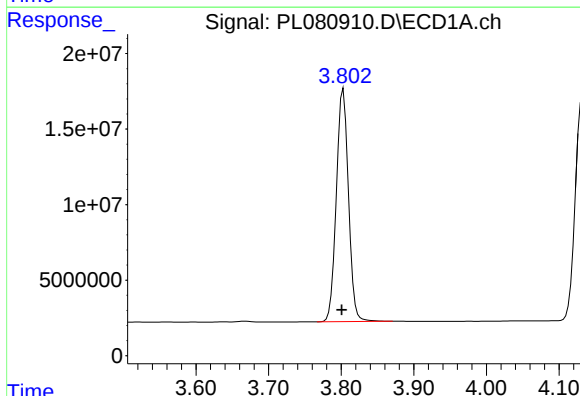
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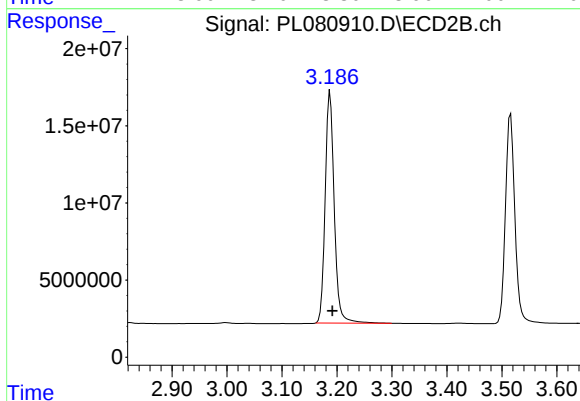
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.003 min
Response: 60111697
Conc: 27.37 ng/ml



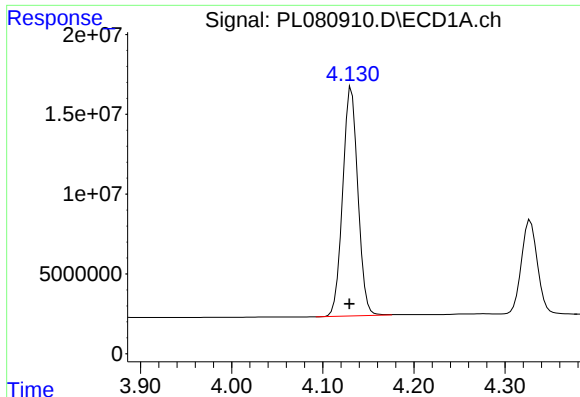
#2 alpha-BHC

R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 178548033
Conc: 56.36 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 172315218
Conc: 54.18 ng/ml



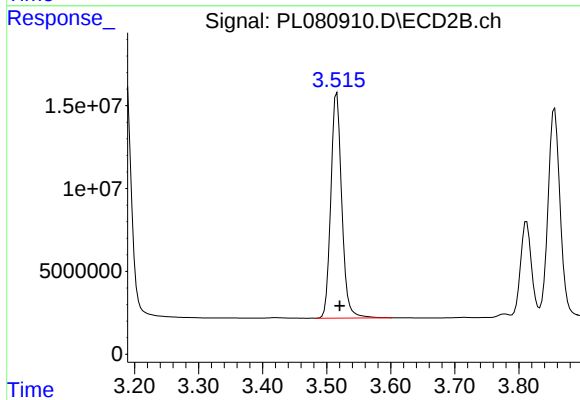
#3 gamma-BHC (Lindane)

R.T.: 4.131 min
Delta R.T.: 0.002 min
Response: 165859149
Conc: 56.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

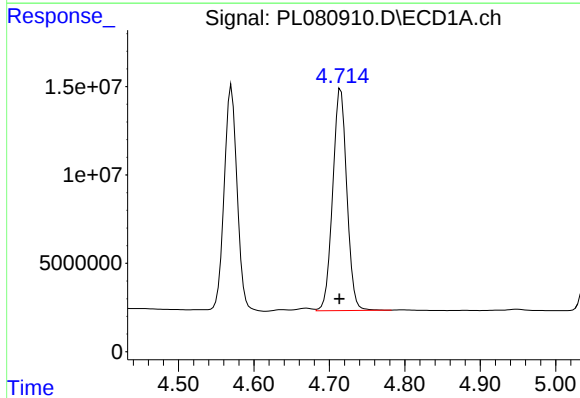
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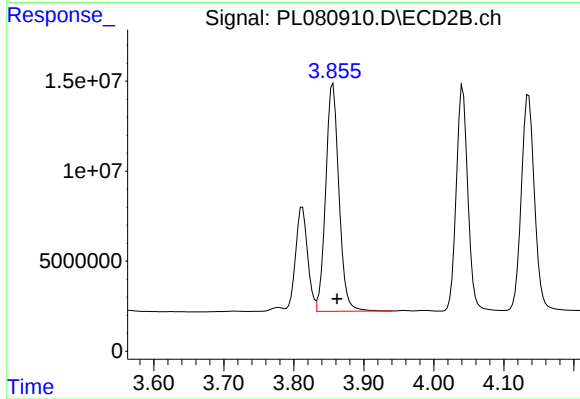
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 161586218
Conc: 54.09 ng/ml



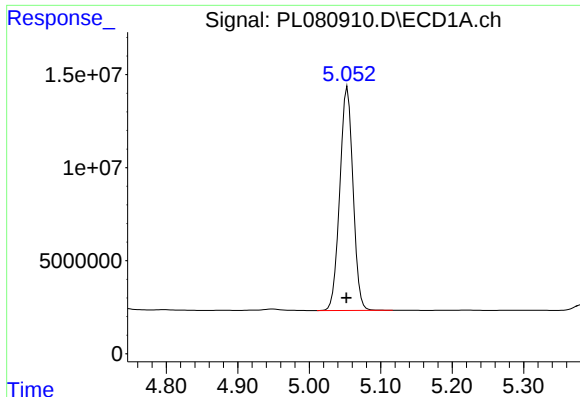
#4 Heptachlor

R.T.: 4.715 min
Delta R.T.: 0.002 min
Response: 163620072
Conc: 55.37 ng/ml



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.006 min
Response: 166647099
Conc: 52.37 ng/ml



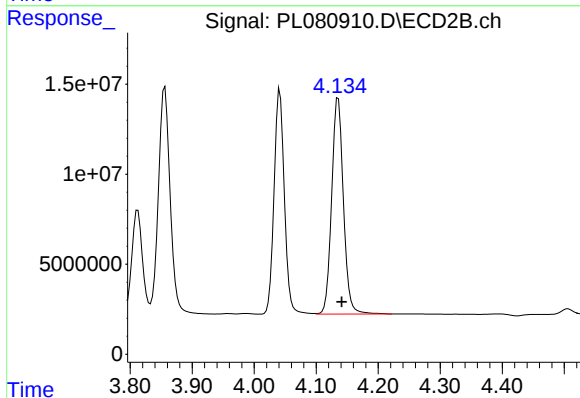
#5 Aldrin

R.T.: 5.053 min
Delta R.T.: 0.001 min
Response: 154059373
Conc: 56.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

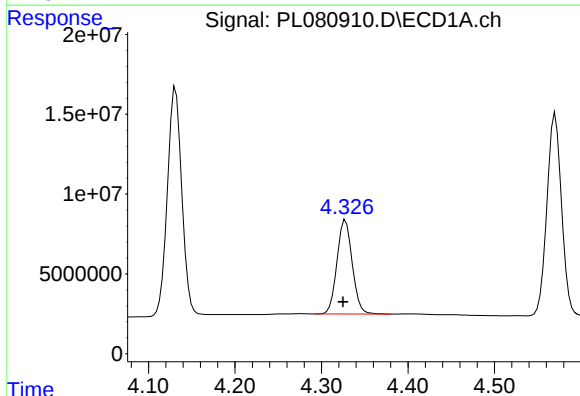
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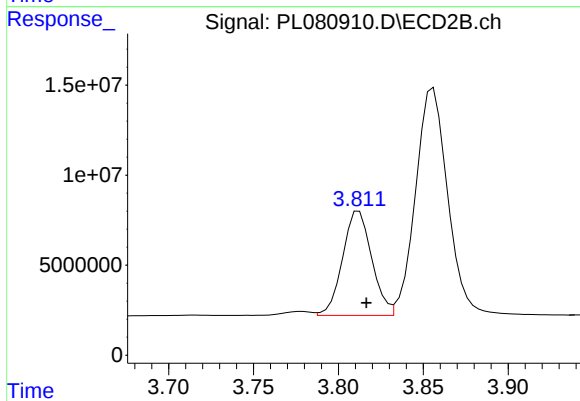
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.006 min
Response: 158802668
Conc: 53.84 ng/ml



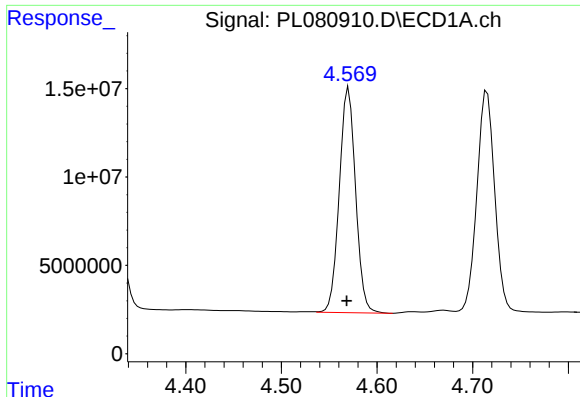
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.003 min
Response: 71980972
Conc: 52.73 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 69334458
Conc: 51.95 ng/ml



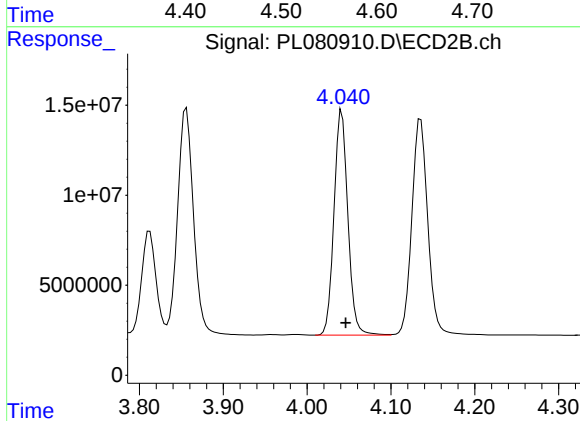
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 151042566
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

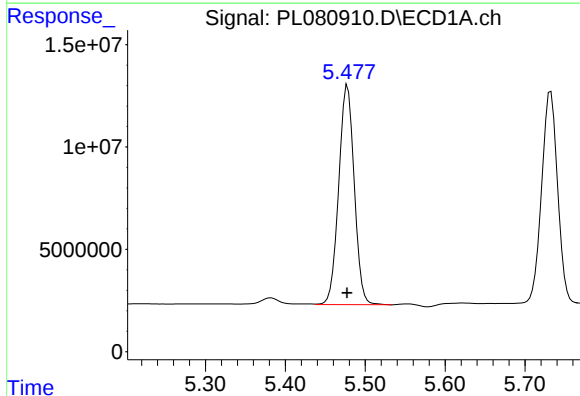
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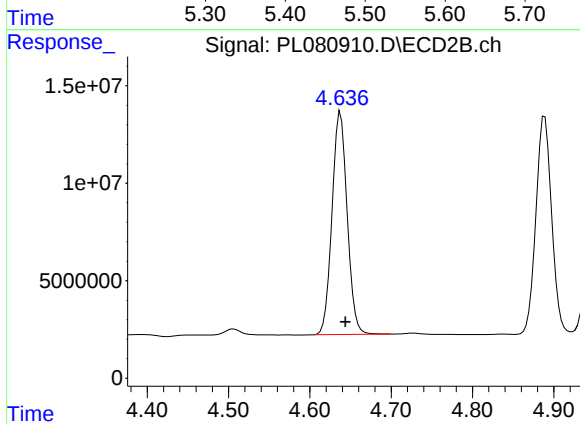
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: -0.005 min
Response: 143498987
Conc: 49.75 ng/ml



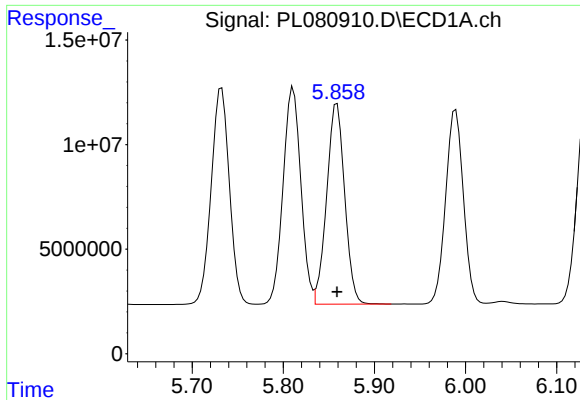
#8 Heptachlor epoxide

R.T.: 5.478 min
Delta R.T.: 0.000 min
Response: 144902321
Conc: 56.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 148271758
Conc: 53.29 ng/ml



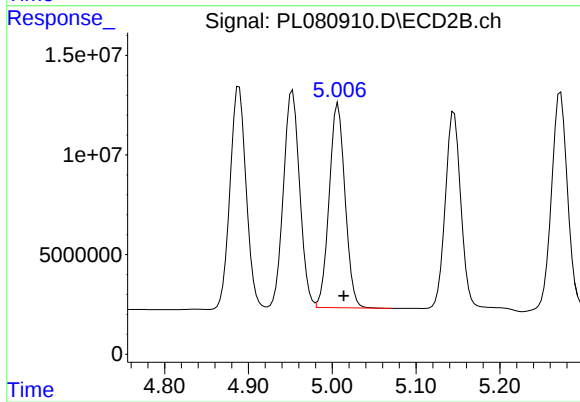
#9 Endosulfan I

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 131614590
Conc: 55.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

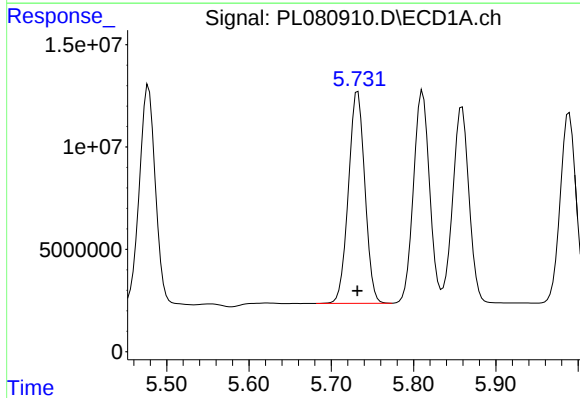
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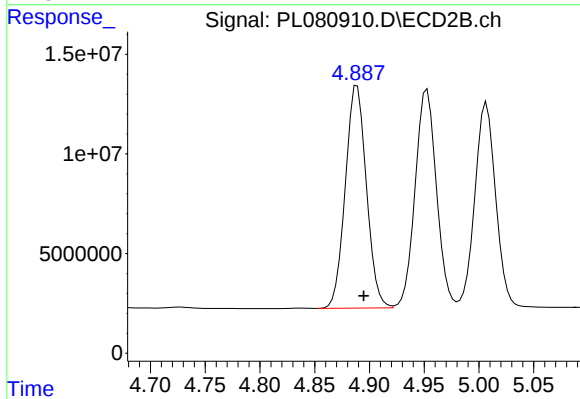
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 134288223
Conc: 51.62 ng/ml



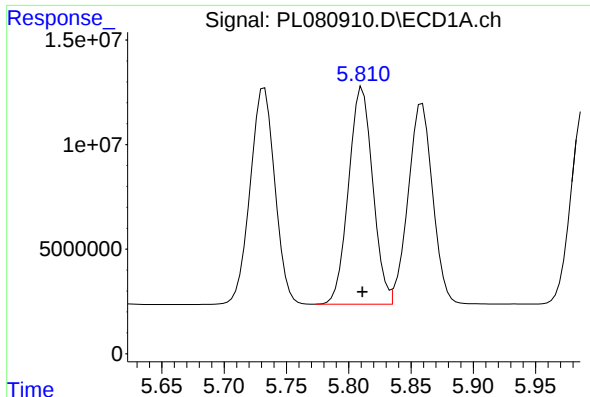
#10 gamma-Chlordane

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 143423052
Conc: 56.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.007 min
Response: 149625579
Conc: 52.79 ng/ml m



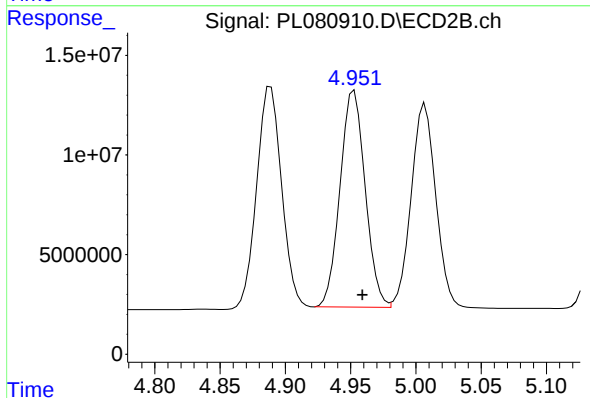
#11 alpha-Chlordane

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 140786664
Conc: 55.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

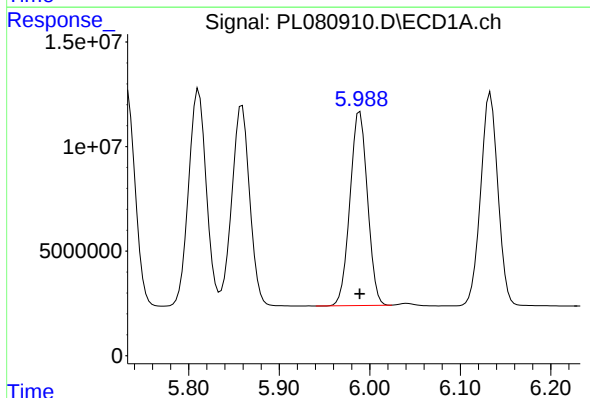
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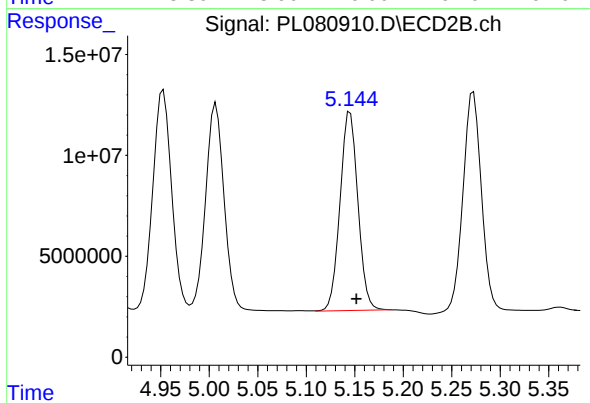
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 145608159
Conc: 50.83 ng/ml



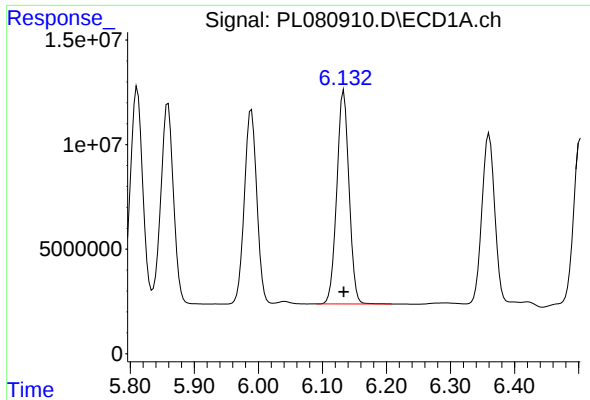
#12 4,4'-DDE

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 124626486
Conc: 55.95 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 126015962
Conc: 53.42 ng/ml m



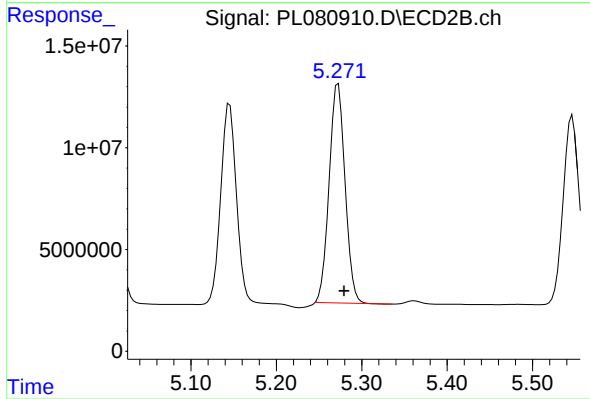
#13 Dieldrin

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 135285625
Conc: 56.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

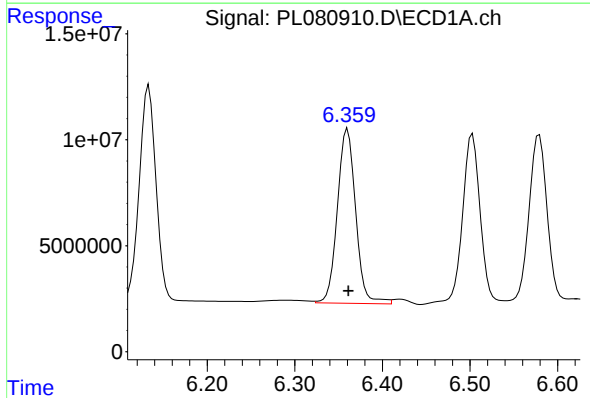
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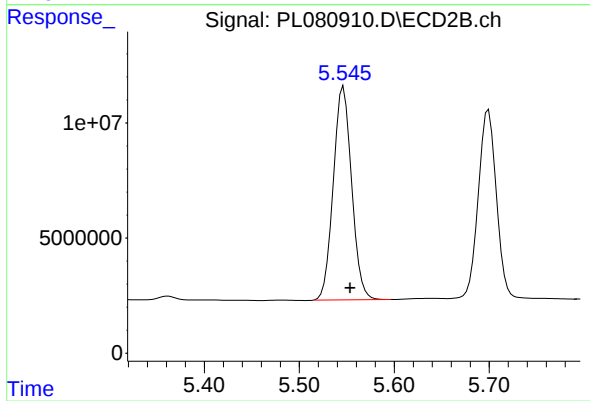
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: -0.007 min
Response: 139577381
Conc: 51.60 ng/ml



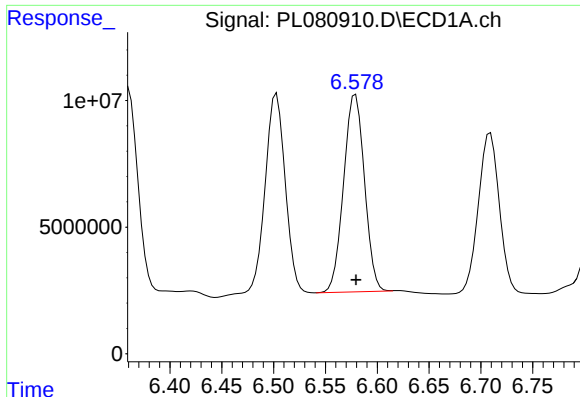
#14 Endrin

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 119423744
Conc: 55.22 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 124300032
Conc: 53.55 ng/ml



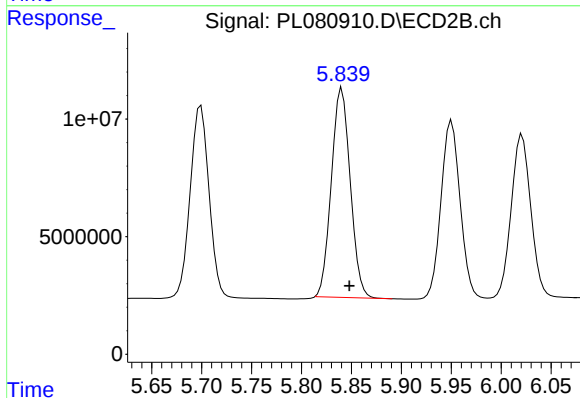
#15 Endosulfan II

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 109199557
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

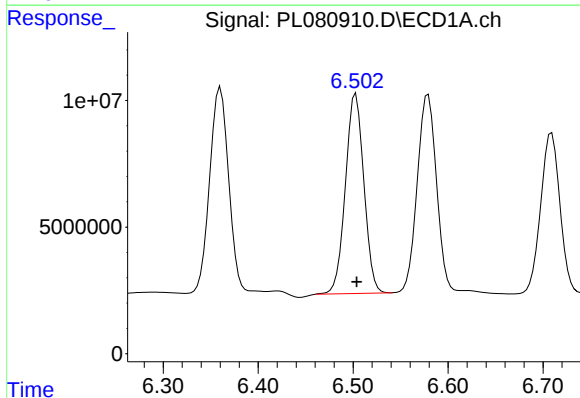
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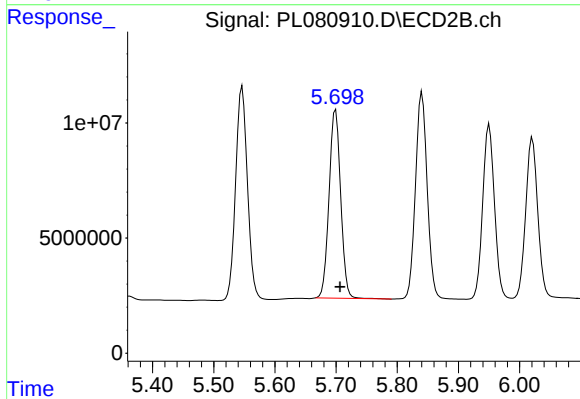
#15 Endosulfan II

R.T.: 5.840 min
Delta R.T.: -0.007 min
Response: 117262955
Conc: 56.28 ng/ml



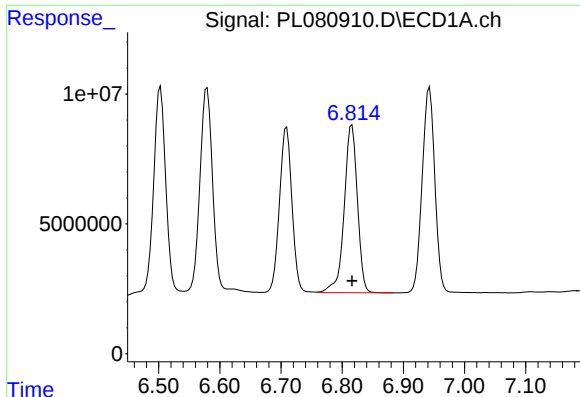
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 106542880
Conc: 58.16 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 108117068
Conc: 57.53 ng/ml



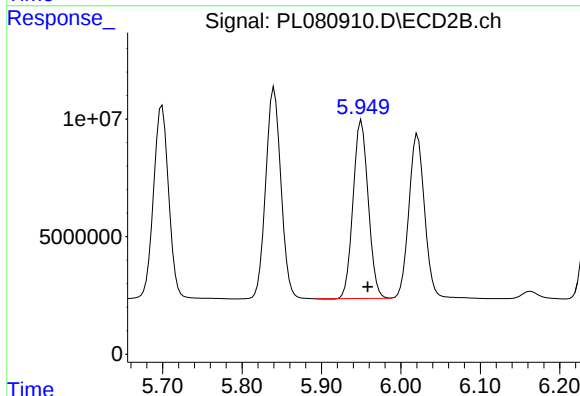
#17 4,4'-DDT

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 97090945
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

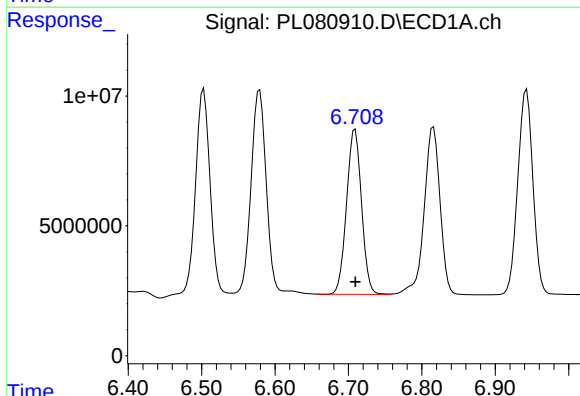
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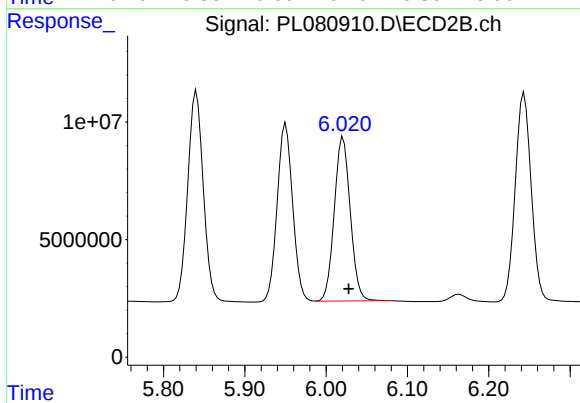
#17 4,4'-DDT

R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 100327014
Conc: 47.74 ng/ml



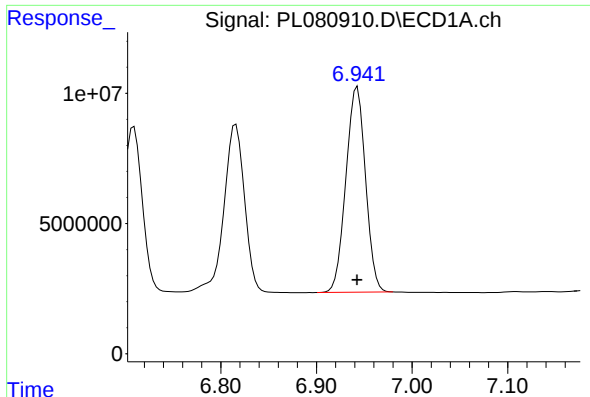
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 89998669
Conc: 54.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 95437805
Conc: 52.26 ng/ml



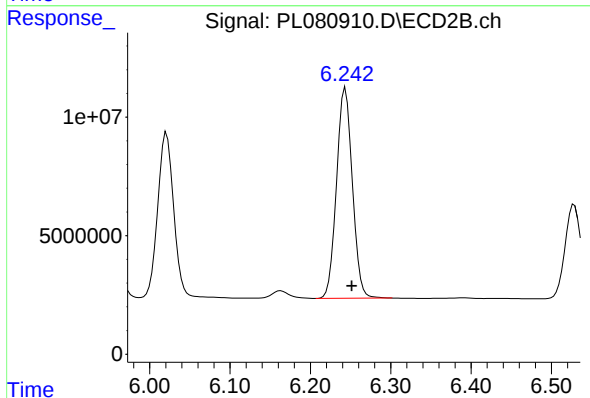
#19 Endosulfan Sulfate

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 112919554
Conc: 54.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

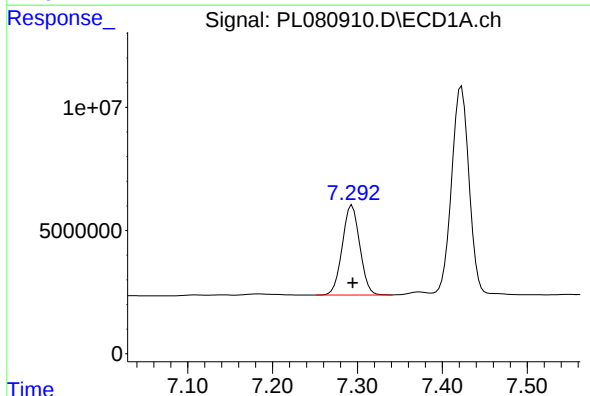
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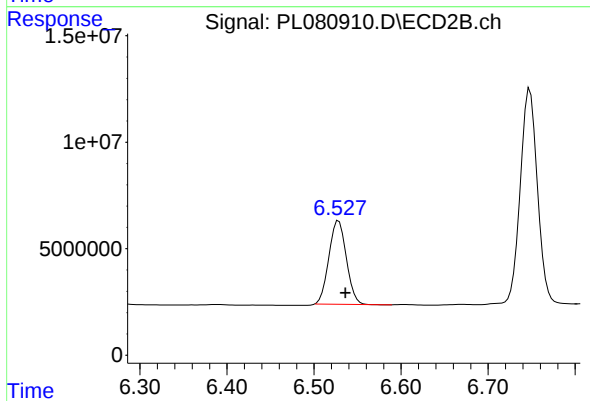
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.008 min
Response: 121624726
Conc: 52.30 ng/ml



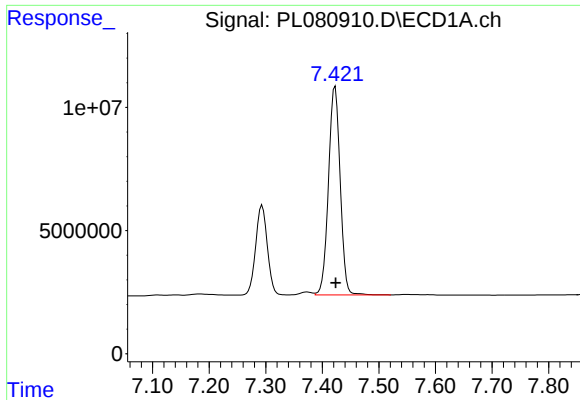
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 52202052
Conc: 47.31 ng/ml



#20 Methoxychlor

R.T.: 6.528 min
Delta R.T.: -0.008 min
Response: 54527204
Conc: 44.94 ng/ml



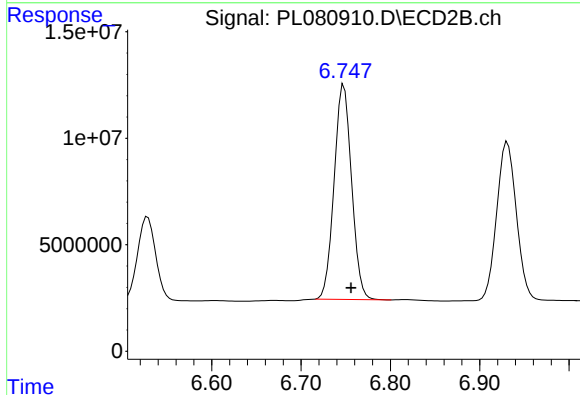
#21 Endrin ketone

R.T.: 7.423 min
Delta R.T.: -0.001 min
Response: 122069767
Conc: 55.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

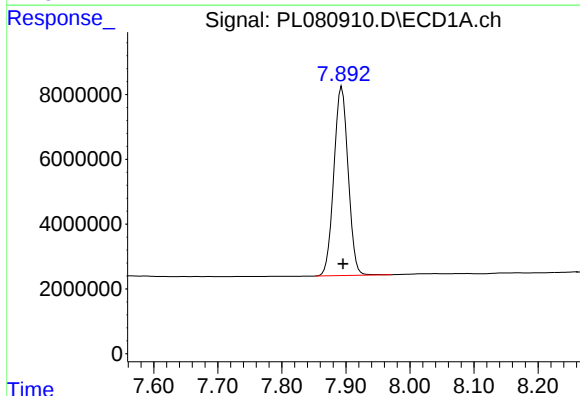
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/15/2023
Supervised By :Ankita Jodhani 02/15/2023



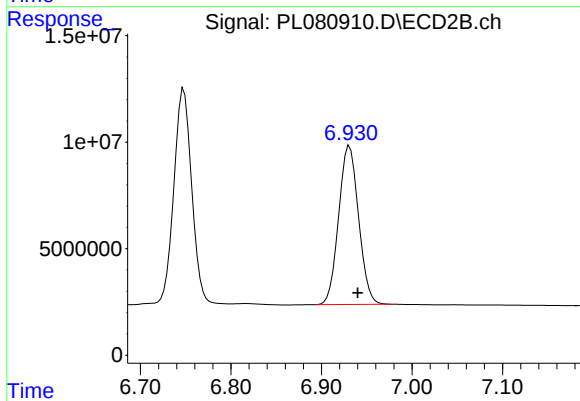
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 136930277
Conc: 53.63 ng/ml



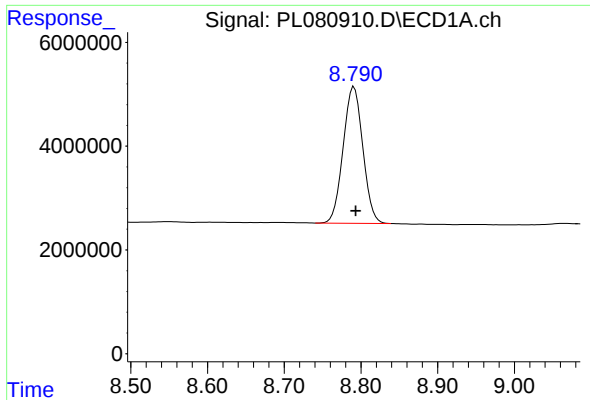
#22 Mirex

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 90339293
Conc: 52.53 ng/ml



#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.011 min
Response: 113930452
Conc: 50.04 ng/ml m



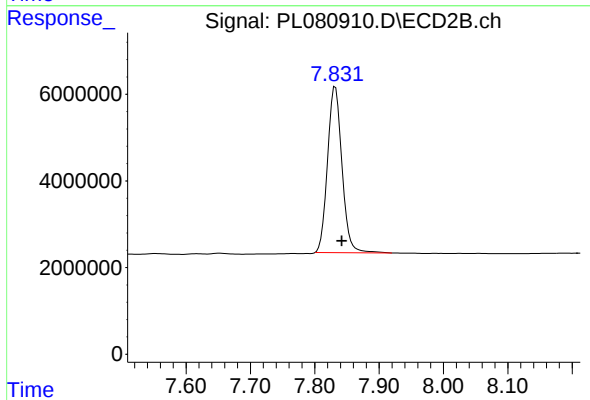
#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 47096508
Conc: 26.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150829BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 59702724
Conc: 25.06 ng/ml