

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060123\
 Data File : PL083170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jun 2023 20:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/02/2023
 Supervised By : Ankita Jodhani 06/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 03:19:25 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...	3.315	2.635	138.2E6	127.1E6	47.035	48.954
2)	SA Decachlor...	8.728	7.736	105.1E6	124.4E6	50.120	50.019
Target Compounds							
2)	A alpha-BHC	3.764	3.131	213.7E6	183.4E6	48.132	49.155
3)	MA gamma-BHC...	4.091	3.457	198.4E6	168.2E6	47.880	50.461
4)	MA Heptachlor	4.668	3.787	175.9E6	163.2E6	46.006	44.573
5)	MB Aldrin	5.005	4.063	177.9E6	162.0E6	50.557	49.797
6)	B beta-BHC	4.296	3.758	88037771	71779219	46.761	50.192
7)	B delta-BHC	4.536	3.982	196.3E6	166.3E6	57.070	50.770
8)	B Heptachlo...	5.431	4.564	162.1E6	145.8E6	50.664	49.126
9)	A Endosulfan I	5.811	4.930	151.3E6	134.8E6	50.438	48.230
10)	B gamma-Chl...	5.684	4.812	163.8E6	149.9E6	51.571m	49.914
11)	B alpha-Chl...	5.763	4.875	163.1E6	149.2E6	50.815	49.712
12)	B 4,4'-DDE	5.942	5.065	141.7E6	133.0E6	51.412	54.779
13)	MA Dieldrin	6.086	5.194	151.0E6	139.8E6	50.193	49.533
14)	MA Endrin	6.313	5.468	119.0E6	114.1E6	44.300	44.976
15)	B Endosulfa...	6.536	5.765	122.1E6	118.8E6	45.819	48.011
16)	A 4,4'-DDD	6.458	5.619	122.0E6	112.0E6	56.127	58.239
17)	MA 4,4'-DDT	6.769	5.866	103.7E6	97302933	41.436	43.614m
18)	B Endrin al...	6.664	5.944	98295669	97152961	48.888m	49.130
19)	B Endosulfa...	6.900	6.167	125.7E6	122.4E6	49.019	49.968
20)	A Methoxychlor	7.250	6.445	55927257	53949693	42.293	42.422
21)	B Endrin ke...	7.379	6.671	137.5E6	141.9E6	53.909	52.471
22)	Mirex	7.843	6.842	100.1E6	112.3E6	47.761	48.010

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060123\
 Data File : PL083170.D
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 Acq On : 01 Jun 2023 20:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

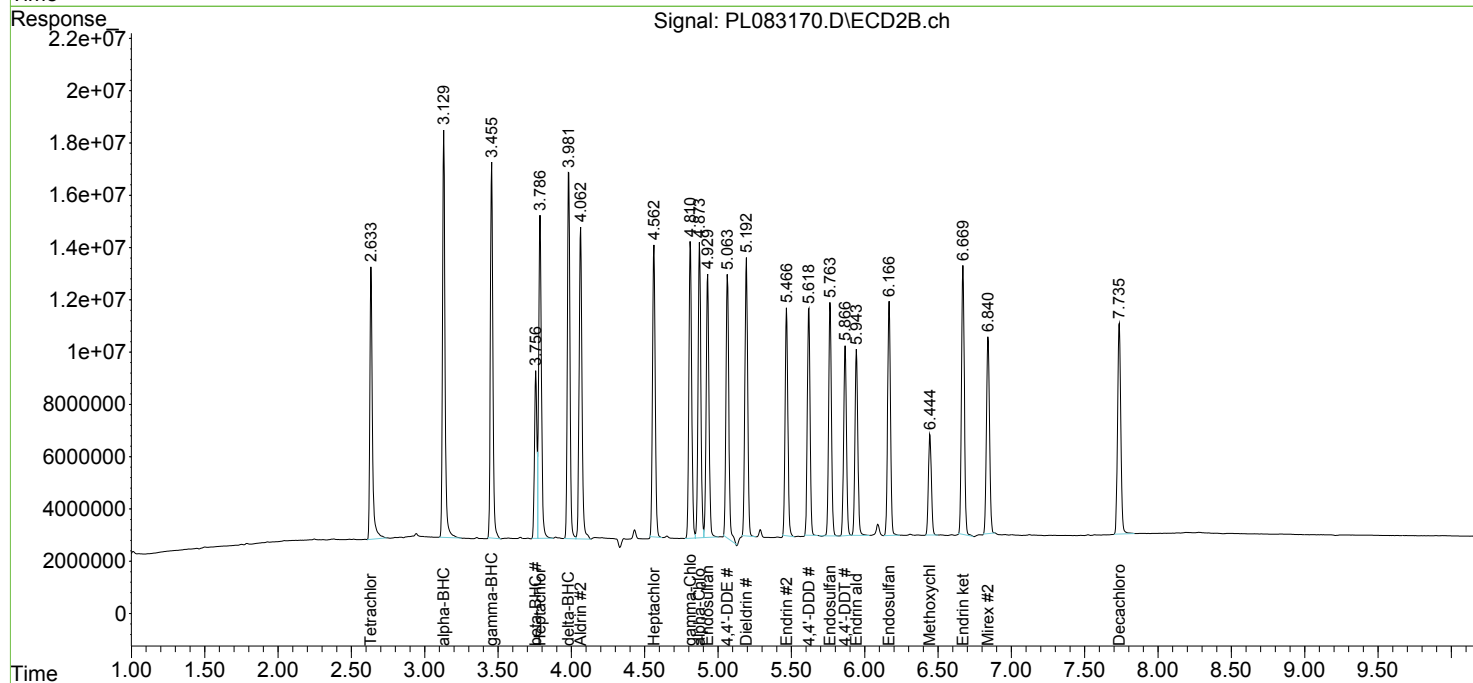
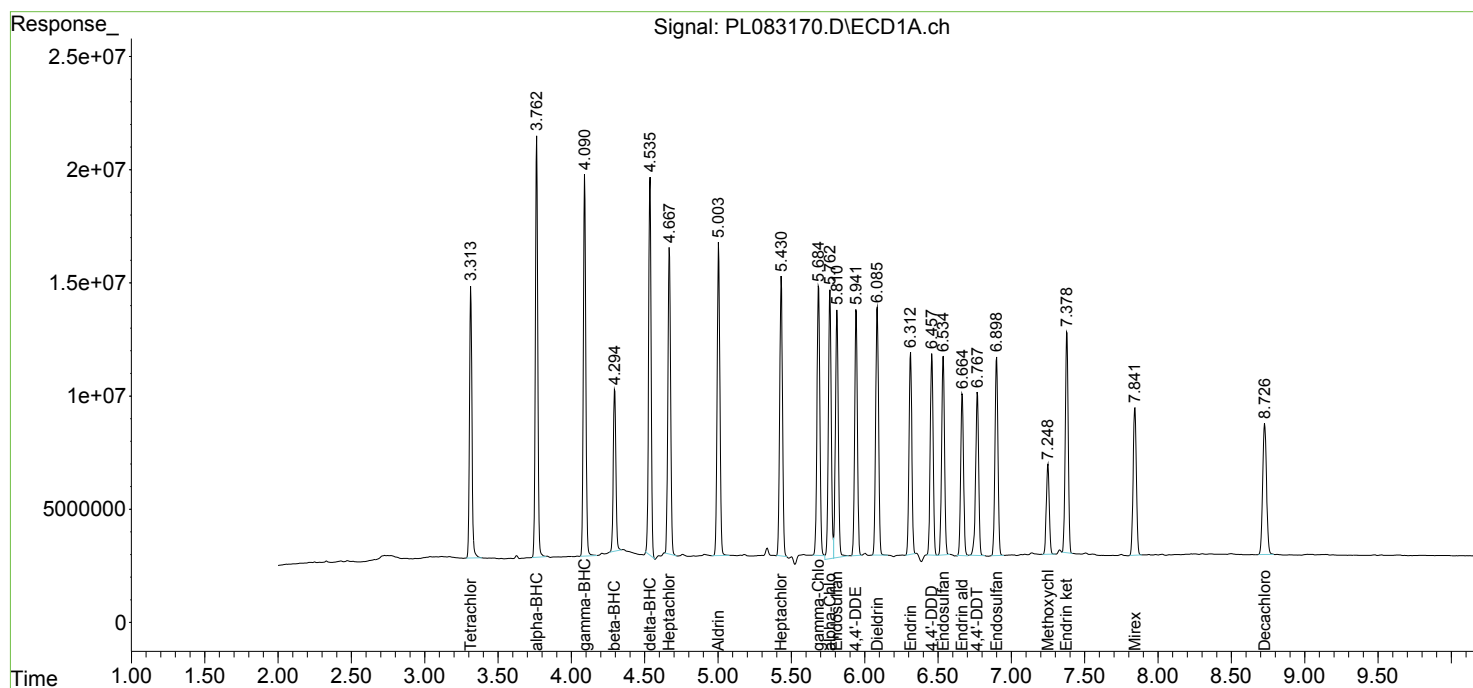
Manual Integrations

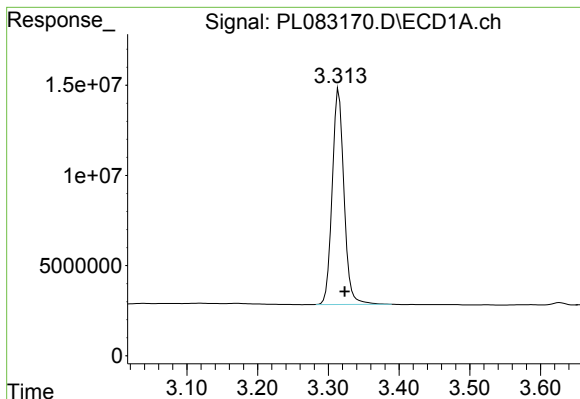
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Reviewed By :Abdul Mirza 06/02/2023
 Supervised By :Ankita Jodhani 06/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 03:19:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
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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





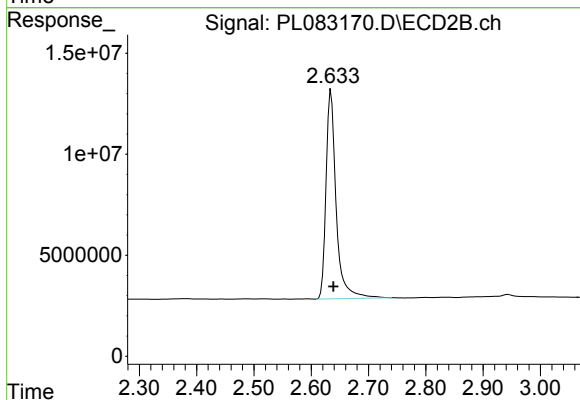
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 138237890
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

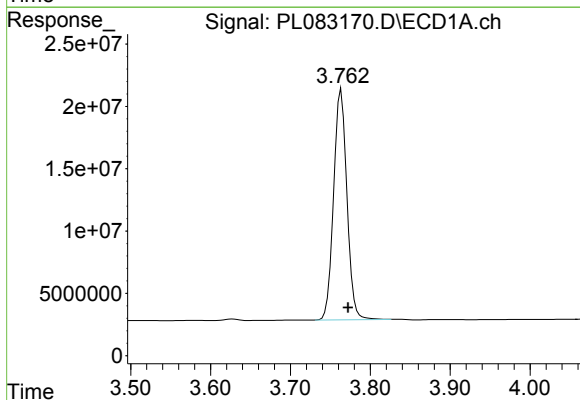
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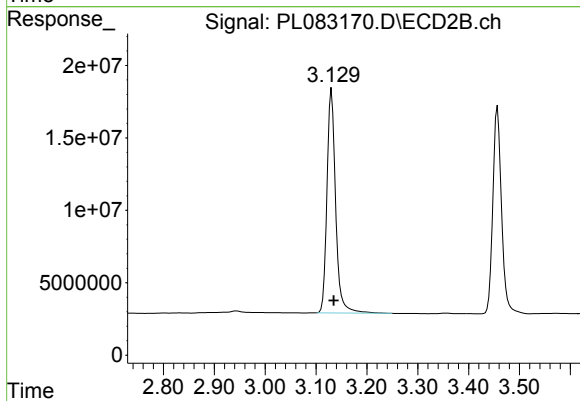
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 127089460
Conc: 48.95 ng/ml



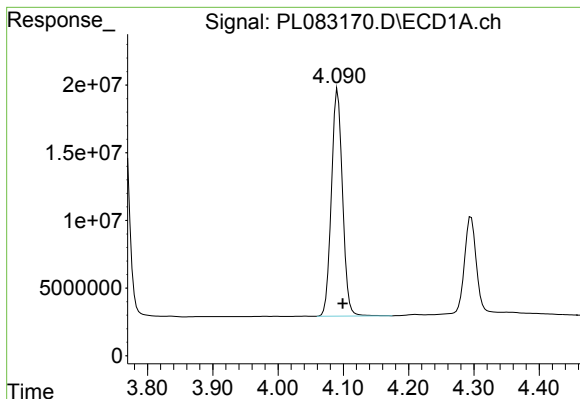
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 213669573
Conc: 48.13 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.005 min
Response: 183419015
Conc: 49.15 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 198362499
Conc: 47.88 ng/ml

Instrument :

ECD_L

ClientSampleId :

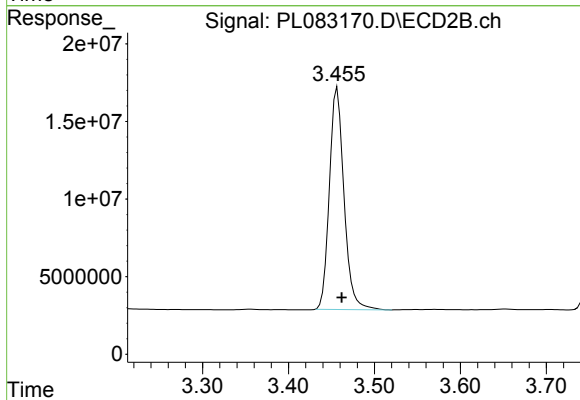
PSTDCCC050

Manual Integrations

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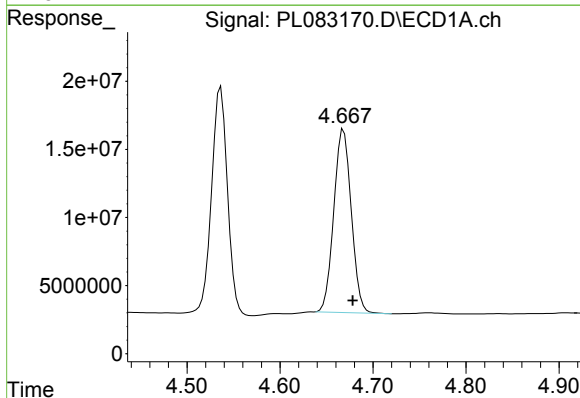
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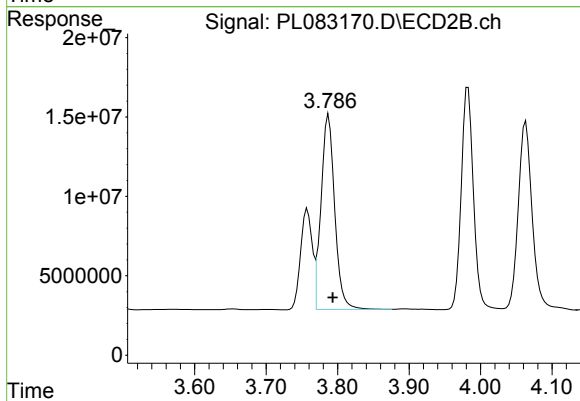
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.005 min
Response: 168200350
Conc: 50.46 ng/ml



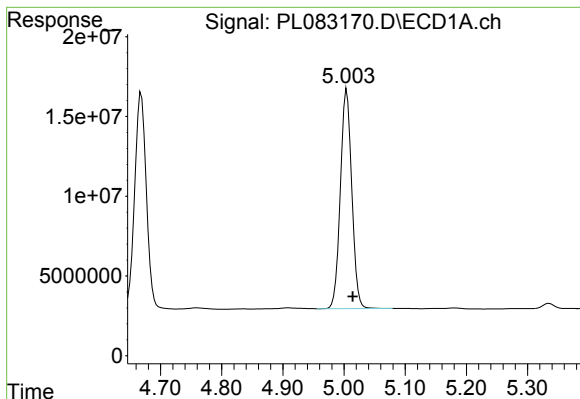
#4 Heptachlor

R.T.: 4.668 min
Delta R.T.: -0.010 min
Response: 175857948
Conc: 46.01 ng/ml



#4 Heptachlor

R.T.: 3.787 min
Delta R.T.: -0.006 min
Response: 163184497
Conc: 44.57 ng/ml



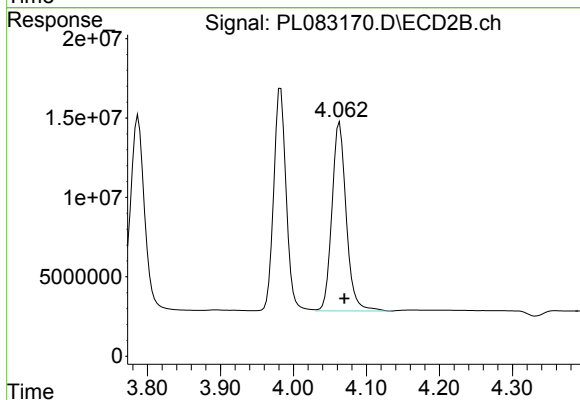
#5 Aldrin

R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 177865017
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

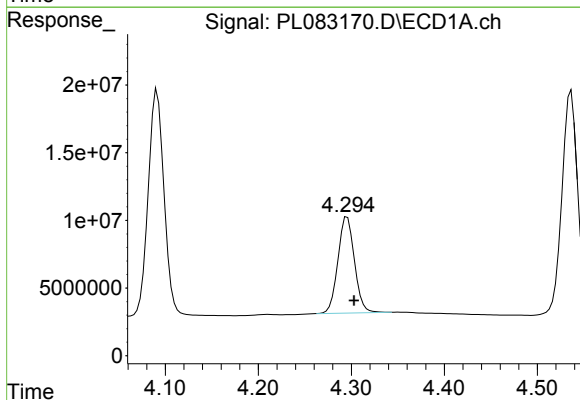
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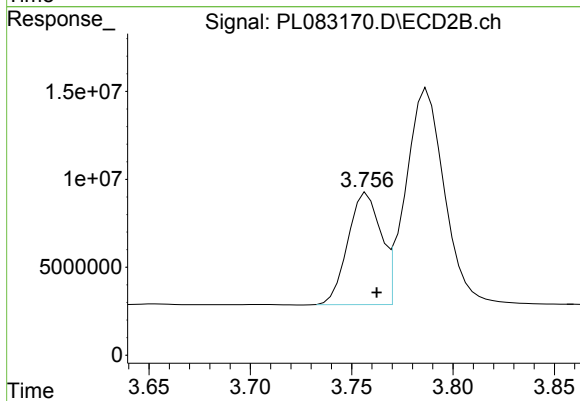
#5 Aldrin

R.T.: 4.063 min
Delta R.T.: -0.006 min
Response: 162021480
Conc: 49.80 ng/ml



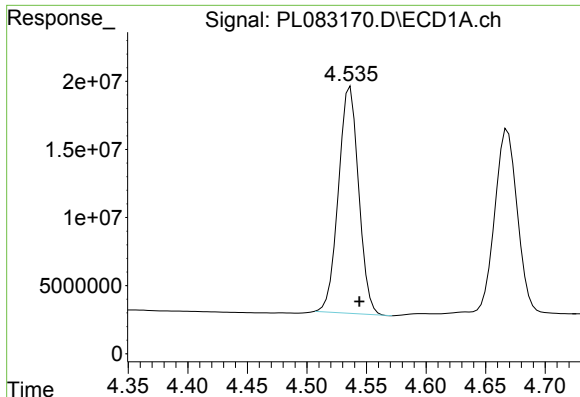
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 88037771
Conc: 46.76 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: -0.005 min
Response: 71779219
Conc: 50.19 ng/ml



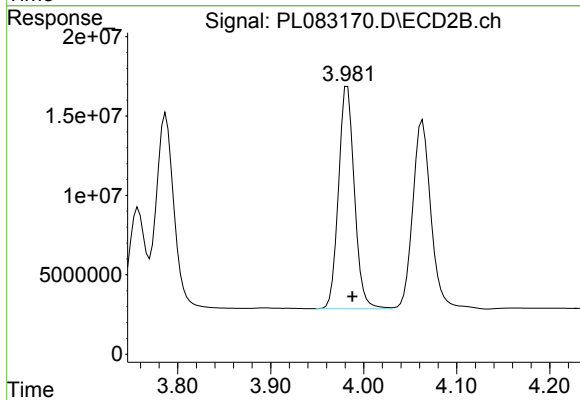
#7 delta-BHC

R.T.: 4.536 min
Delta R.T.: -0.008 min
Response: 196256821
Conc: 57.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

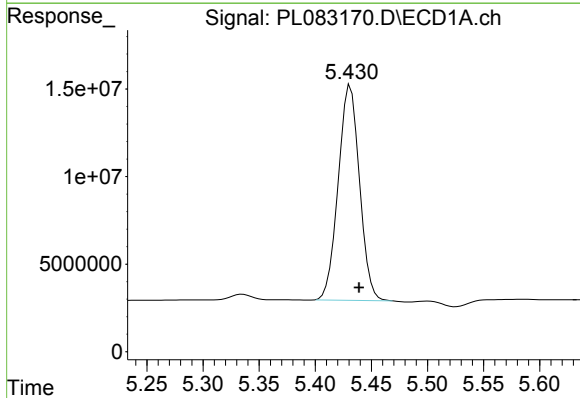
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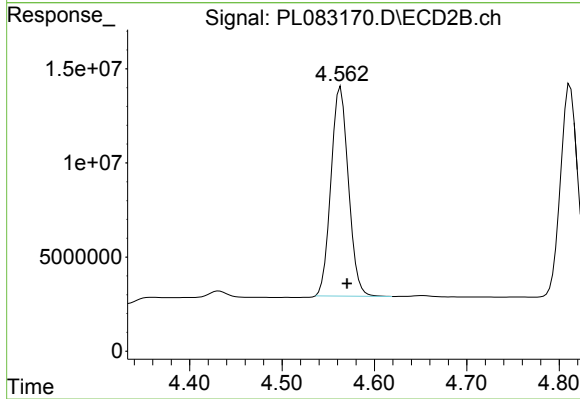
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: -0.005 min
Response: 166344693
Conc: 50.77 ng/ml



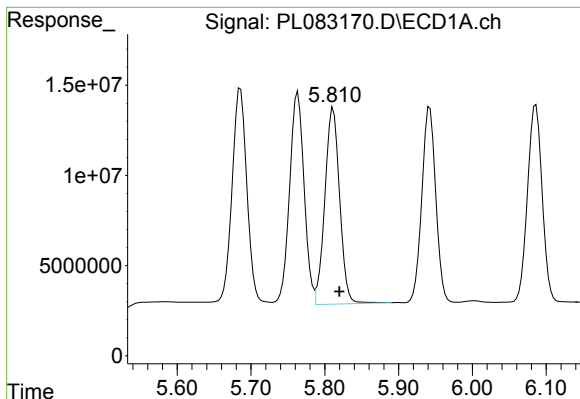
#8 Heptachlor epoxide

R.T.: 5.431 min
Delta R.T.: -0.008 min
Response: 162058473
Conc: 50.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: -0.007 min
Response: 145801056
Conc: 49.13 ng/ml



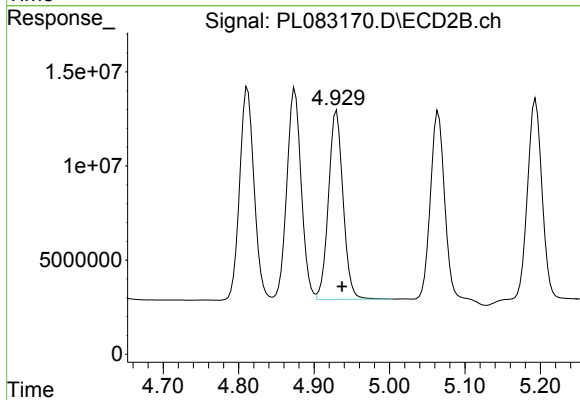
#9 Endosulfan I

R.T.: 5.811 min
Delta R.T.: -0.009 min
Response: 151343461
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

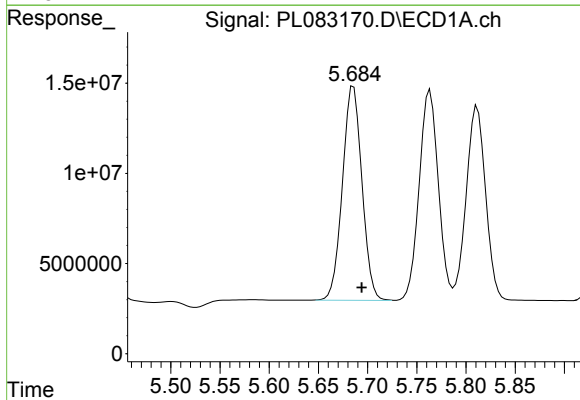
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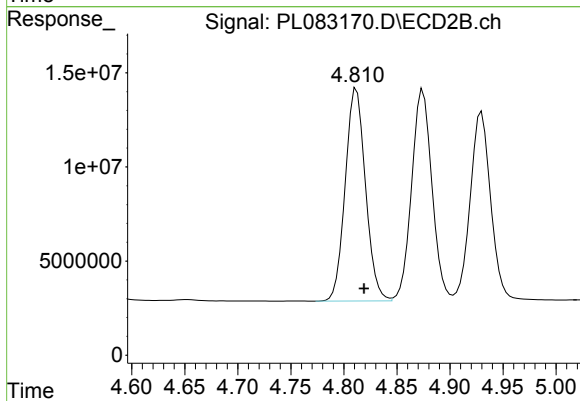
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: -0.007 min
Response: 134772999
Conc: 48.23 ng/ml



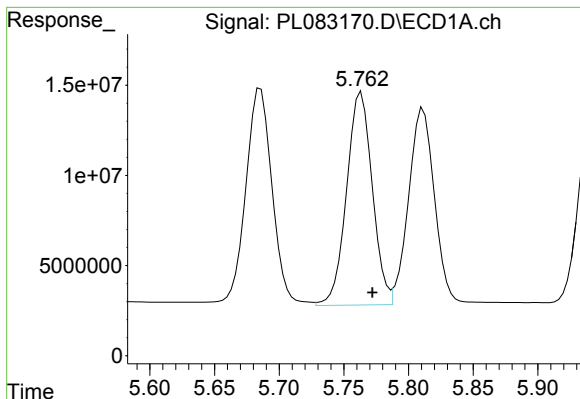
#10 gamma-Chlordane

R.T.: 5.684 min
Delta R.T.: -0.010 min
Response: 163838542
Conc: 51.57 ng/ml m



#10 gamma-Chlordane

R.T.: 4.812 min
Delta R.T.: -0.007 min
Response: 149912087
Conc: 49.91 ng/ml



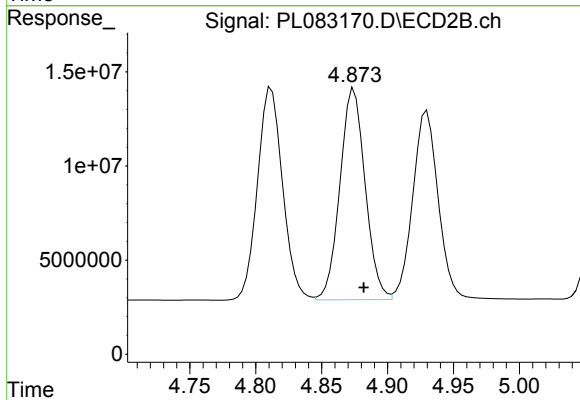
#11 alpha-Chlordane

R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 163081315
Conc: 50.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

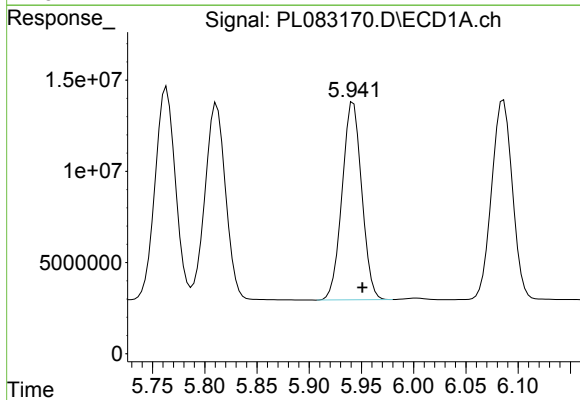
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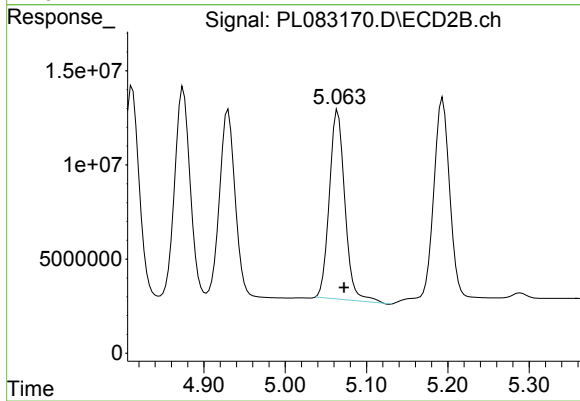
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: -0.007 min
Response: 149235214
Conc: 49.71 ng/ml



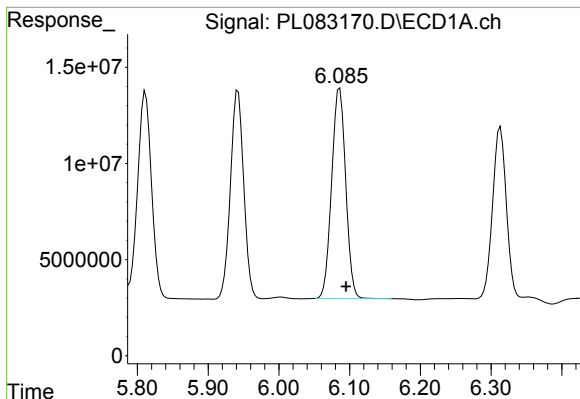
#12 4,4'-DDE

R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 141718132
Conc: 51.41 ng/ml



#12 4,4'-DDE

R.T.: 5.065 min
Delta R.T.: -0.008 min
Response: 133043798
Conc: 54.78 ng/ml



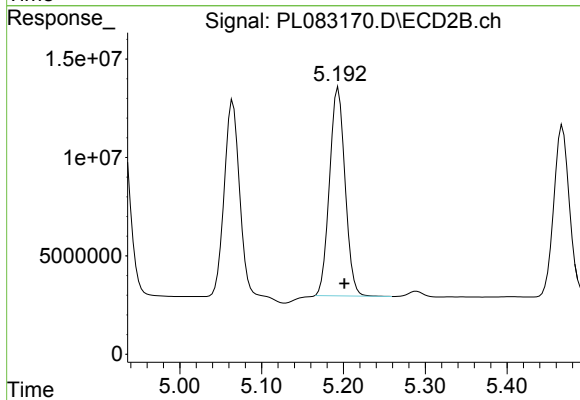
#13 Dieldrin

R.T.: 6.086 min
Delta R.T.: -0.009 min
Response: 150971492
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

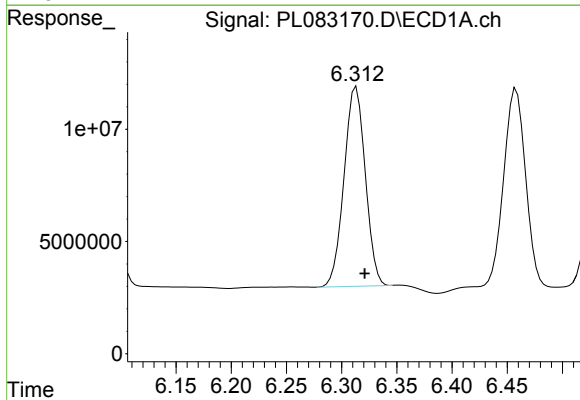
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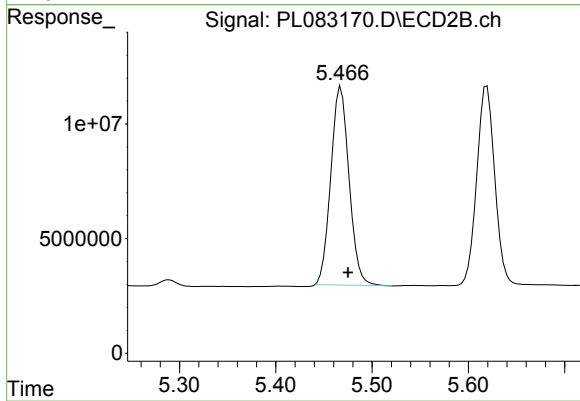
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 139827479
Conc: 49.53 ng/ml



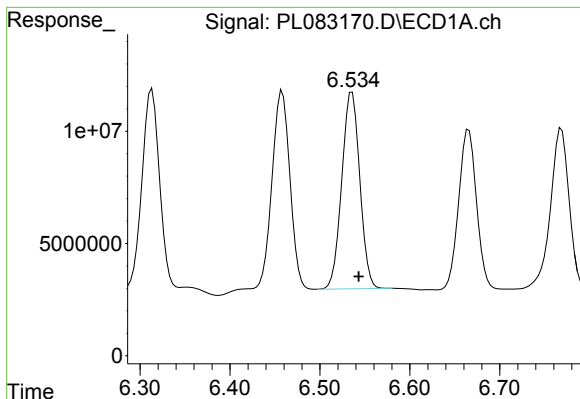
#14 Endrin

R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 119045377
Conc: 44.30 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 114101460
Conc: 44.98 ng/ml



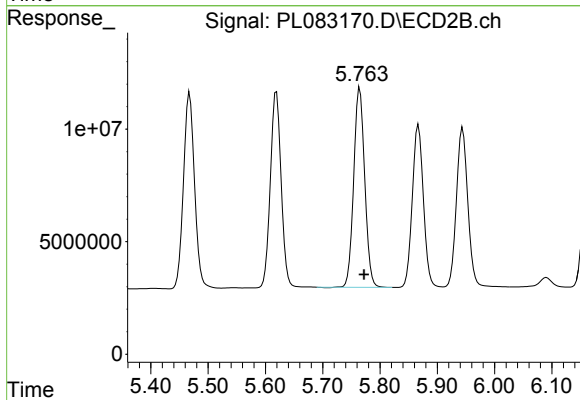
#15 Endosulfan II

R.T.: 6.536 min
Delta R.T.: -0.007 min
Response: 122106759
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

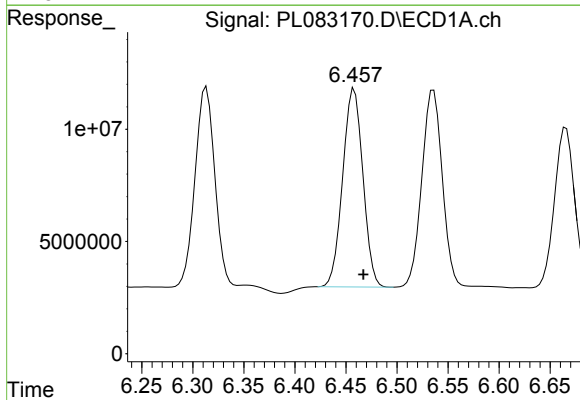
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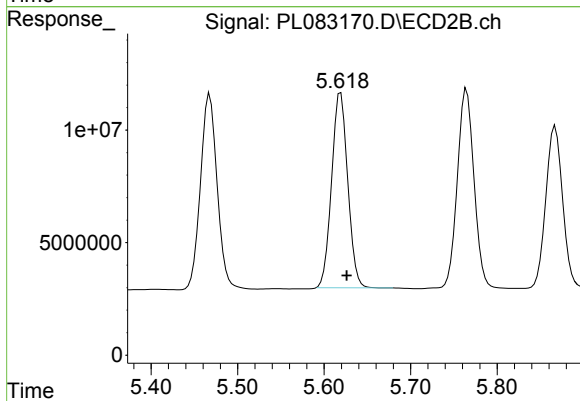
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 118787491
Conc: 48.01 ng/ml



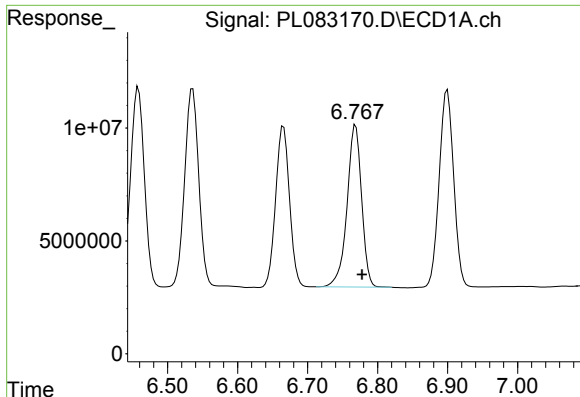
#16 4,4'-DDD

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 121966324
Conc: 56.13 ng/ml



#16 4,4'-DDD

R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 112006747
Conc: 58.24 ng/ml



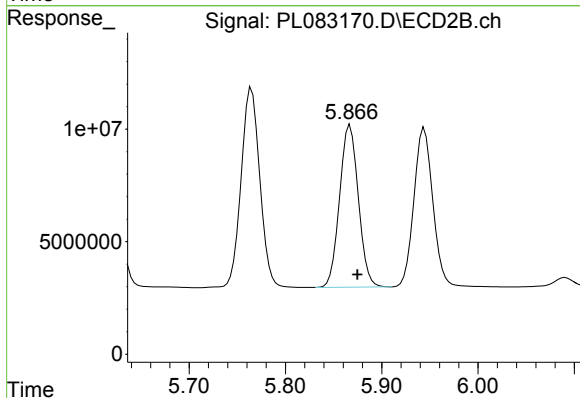
#17 4,4'-DDT

R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: 103720955
Conc: 41.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

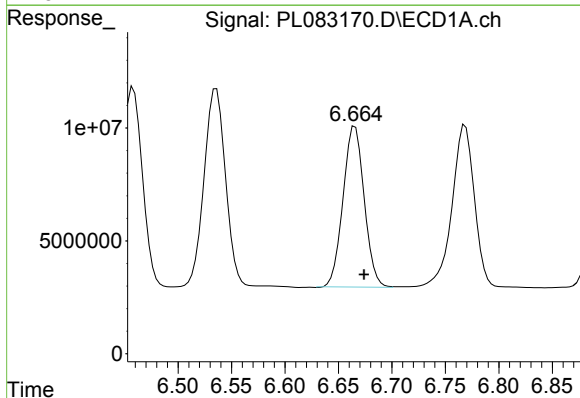
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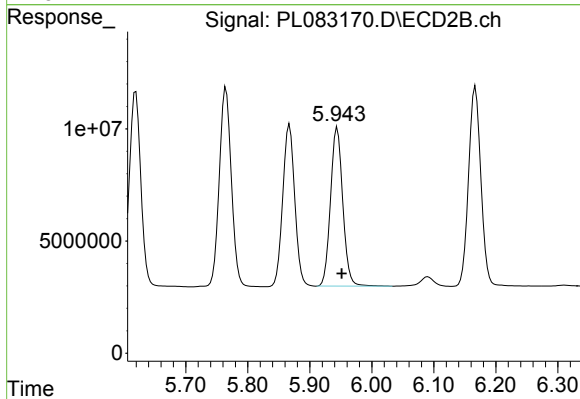
#17 4,4'-DDT

R.T.: 5.866 min
Delta R.T.: -0.009 min
Response: 97302933
Conc: 43.61 ng/ml m



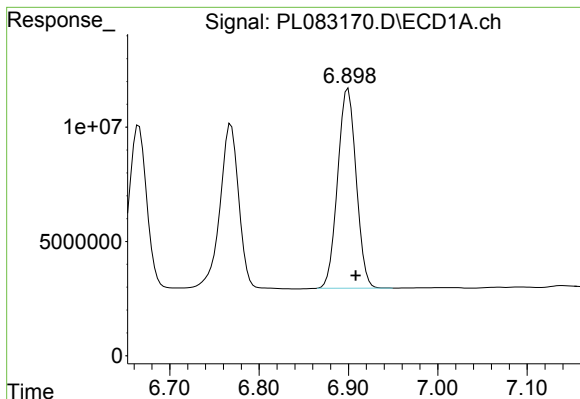
#18 Endrin aldehyde

R.T.: 6.664 min
Delta R.T.: -0.010 min
Response: 98295669
Conc: 48.89 ng/ml m



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 97152961
Conc: 49.13 ng/ml



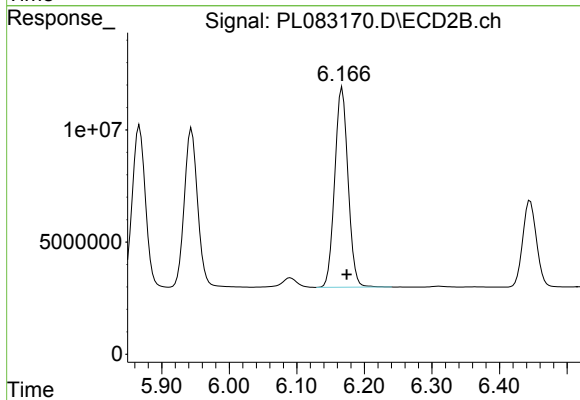
#19 Endosulfan Sulfate

R.T.: 6.900 min
Delta R.T.: -0.008 min
Response: 125669877
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

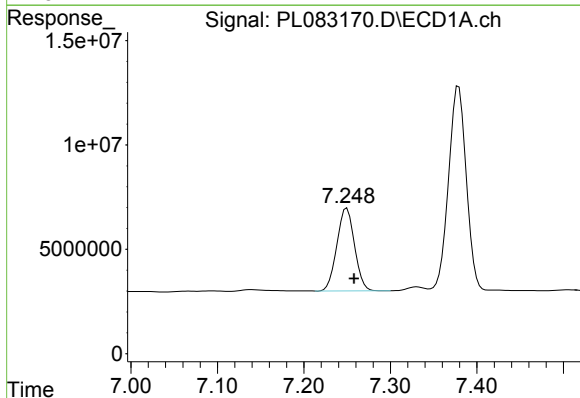
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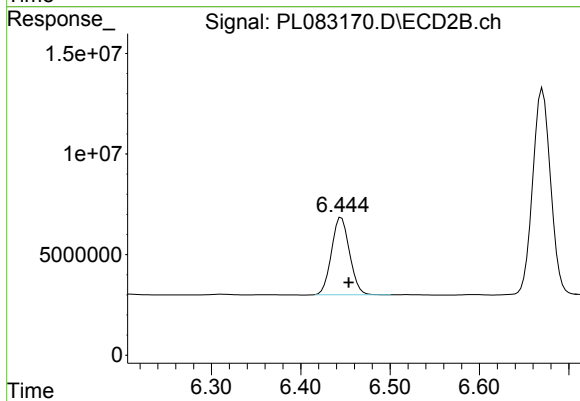
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: -0.007 min
Response: 122371211
Conc: 49.97 ng/ml



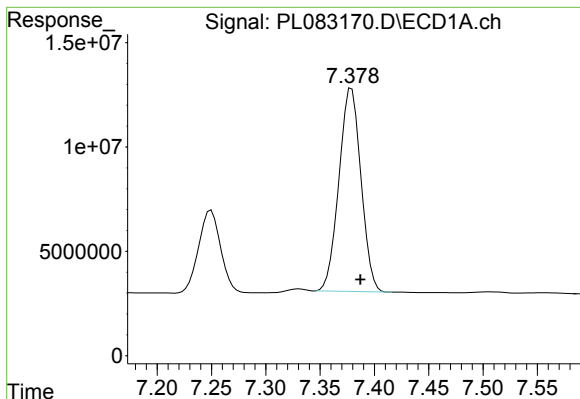
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 55927257
Conc: 42.29 ng/ml



#20 Methoxychlor

R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 53949693
Conc: 42.42 ng/ml



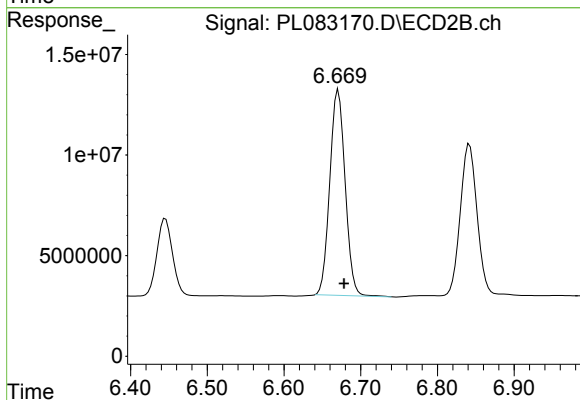
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 137510091
Conc: 53.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

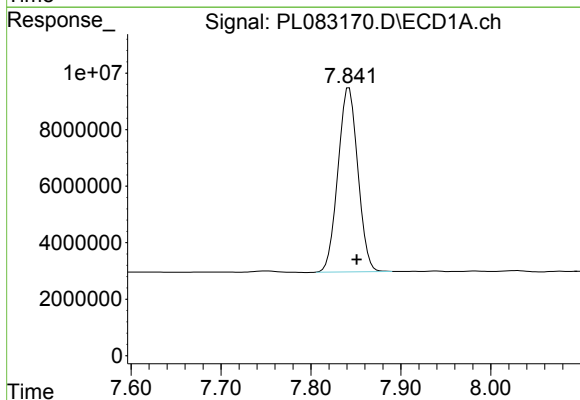
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2023
Supervised By :Ankita Jodhani 06/02/2023



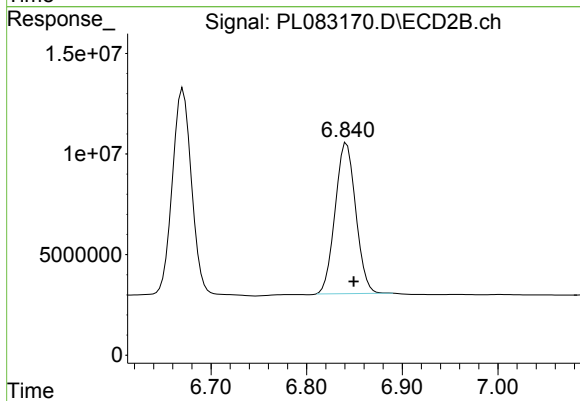
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 141873683
Conc: 52.47 ng/ml



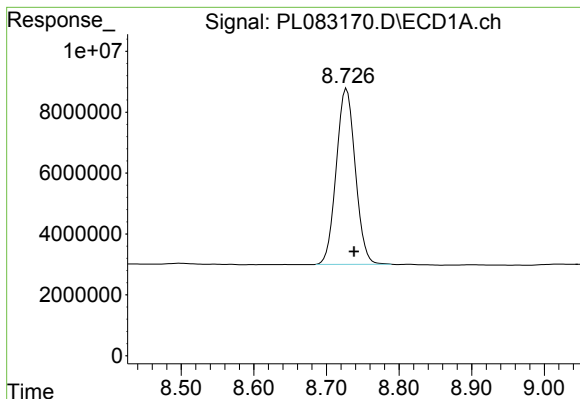
#22 Mirex

R.T.: 7.843 min
Delta R.T.: -0.008 min
Response: 100109499
Conc: 47.76 ng/ml



#22 Mirex

R.T.: 6.842 min
Delta R.T.: -0.008 min
Response: 112334311
Conc: 48.01 ng/ml



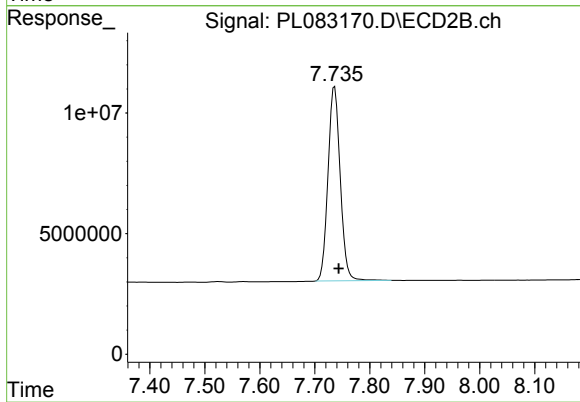
#28 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.010 min
Response: 105119026
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 06/02/2023



#28 Decachlorobiphenyl

R.T.: 7.736 min
Delta R.T.: -0.007 min
Response: 124373292
Conc: 50.02 ng/ml