

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
 Data File : PL082745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2023 20:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/17/2023
 Supervised By :Ankita Jodhani 05/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 21:53:06 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...	3.319	2.641	138.7E6	121.4E6	51.927	52.401
28)	SA Decachlor...	8.738	7.748	95853193	104.0E6	50.209	45.555m
Target Compounds							
2)	A alpha-BHC	3.768	3.138	209.7E6	174.8E6	52.674	51.363
3)	MA gamma-BHC...	4.096	3.465	194.0E6	160.9E6	51.897	50.051
4)	MA Heptachlor	4.674	3.796	178.0E6	150.0E6	48.706	43.808
5)	MB Aldrin	5.011	4.072	170.0E6	154.8E6	51.549	49.160
6)	B beta-BHC	4.300	3.764	85457729	73402513	50.107	53.798m
7)	B delta-BHC	4.541	3.990	190.6E6	157.6E6	52.984	51.364
8)	B Heptachlo...	5.438	4.573	153.6E6	139.6E6	50.356	48.462
9)	A Endosulfan I	5.818	4.941	141.6E6	129.8E6	51.063	48.642
10)	B gamma-Chl...	5.692	4.823	158.0E6	142.3E6	52.560	49.030
11)	B alpha-Chl...	5.770	4.885	152.9E6	140.0E6	51.213	48.213
12)	B 4,4'-DDE	5.949	5.074	136.0E6	121.0E6	53.514	52.617m
13)	MA Dieldrin	6.093	5.204	143.1E6	130.5E6	51.849	48.333m
14)	MA Endrin	6.320	5.478	119.5E6	114.6E6	49.281	46.848m
15)	B Endosulfa...	6.543	5.776	114.5E6	108.3E6	47.048	48.039
16)	A 4,4'-DDD	6.465	5.631	111.3E6	101.6E6	54.897	54.305
17)	MA 4,4'-DDT	6.776	5.879	101.1E6	90966753	44.174	43.059
18)	B Endrin al...	6.673	5.956	94231426	87901963	50.012	46.972
19)	B Endosulfa...	6.907	6.179	117.4E6	111.4E6	49.513	47.327
20)	A Methoxychlor	7.257	6.456	51670307	50932767	42.341	42.029m
21)	B Endrin ke...	7.387	6.682	119.6E6	122.4E6	49.934	48.239m
22)	Mirex	7.850	6.853	93169804	102.9E6	47.625	44.666m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
Data File : PL082745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2023 20:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

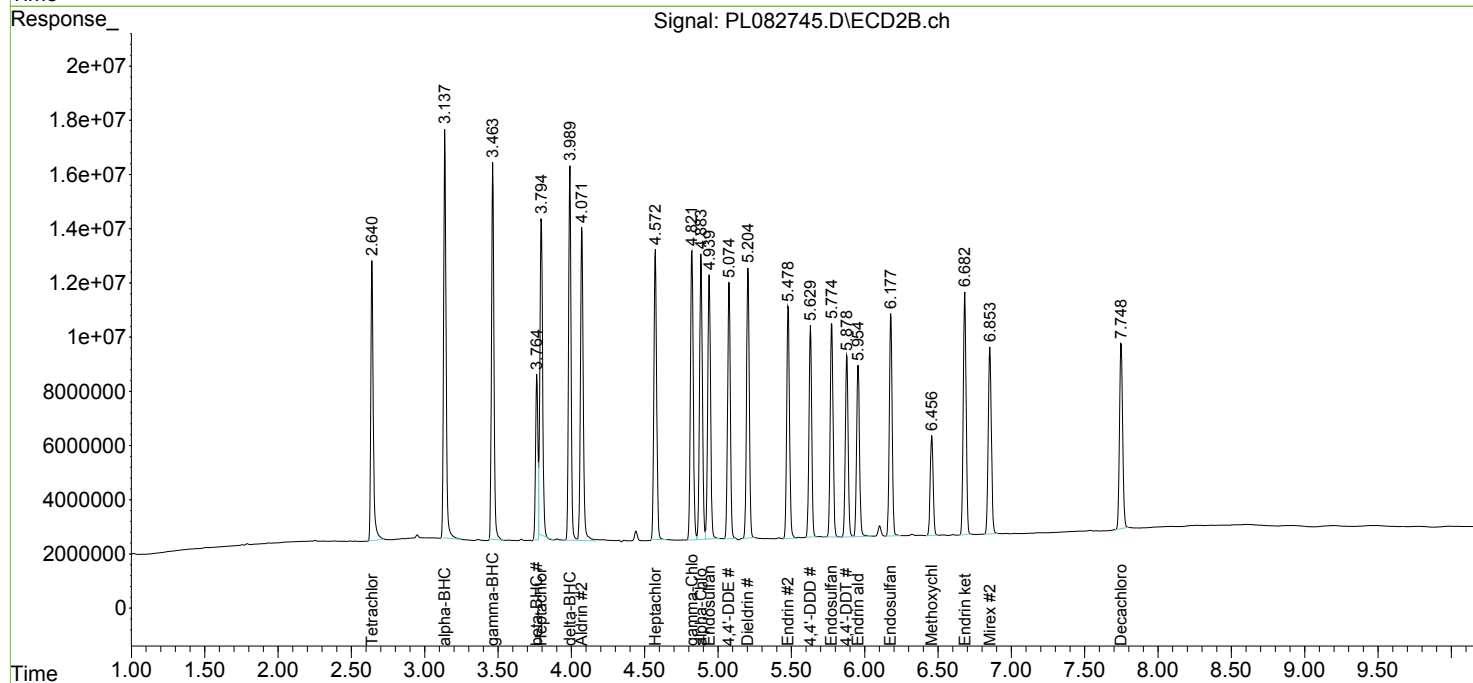
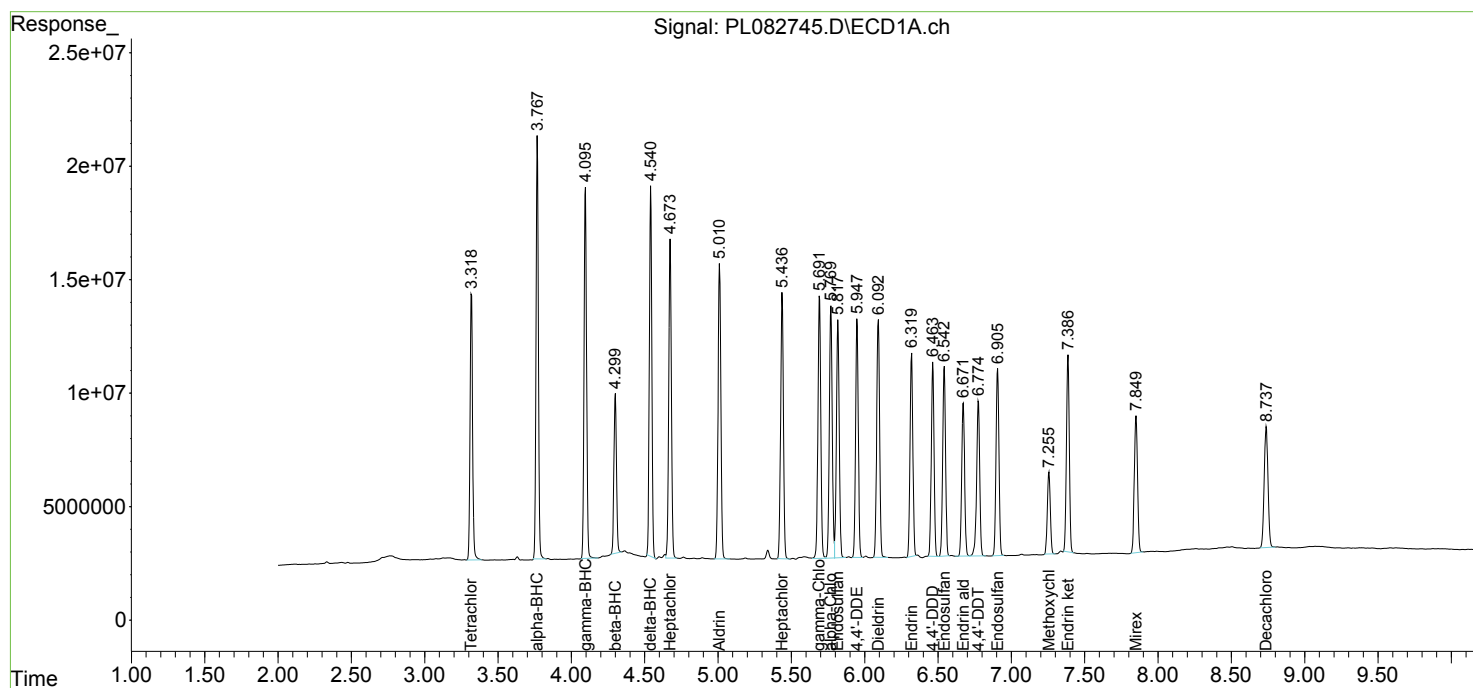
APPROVED

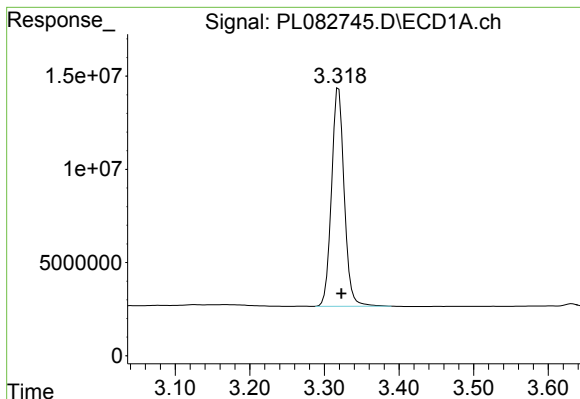
Reviewed By :Abdul Mirza 05/17/2023

Supervised By :Ankita Jodhani 05/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 21:53:06 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





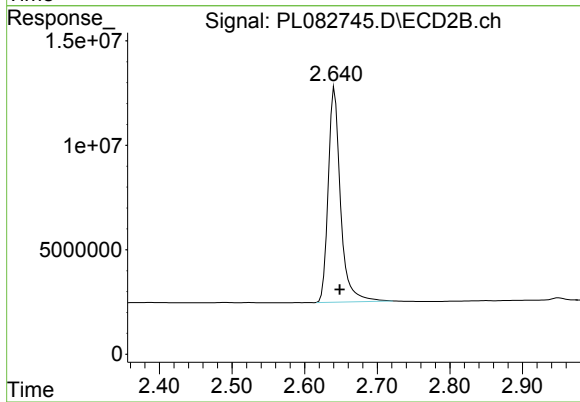
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 138706974
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

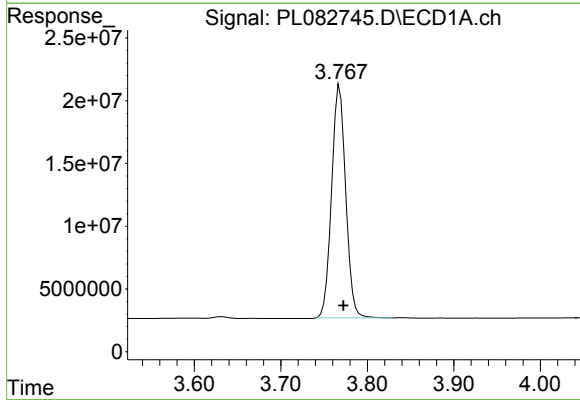
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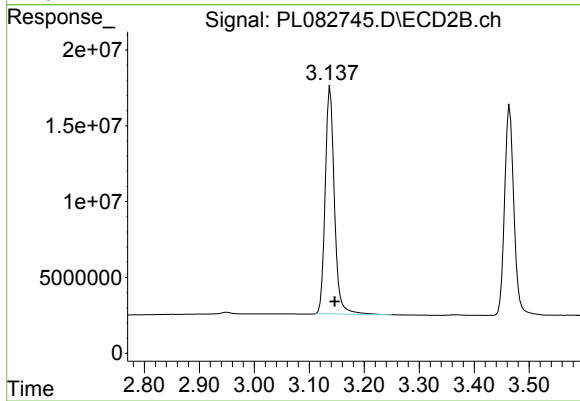
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 121400372
Conc: 52.40 ng/ml



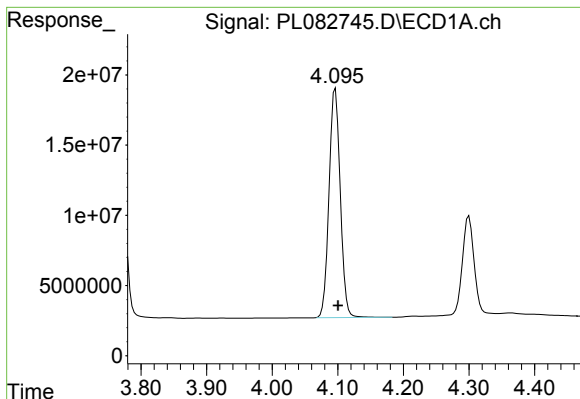
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 209653954
Conc: 52.67 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 174811629
Conc: 51.36 ng/ml



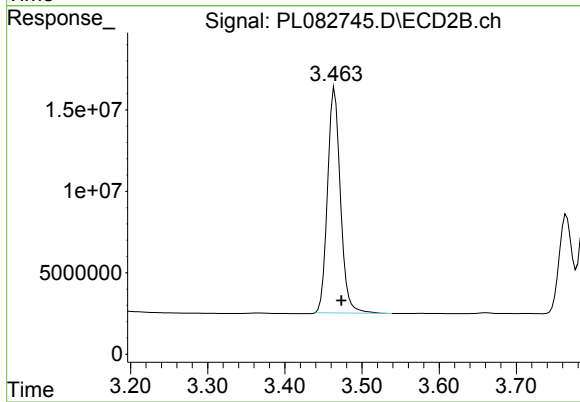
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 194038757
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

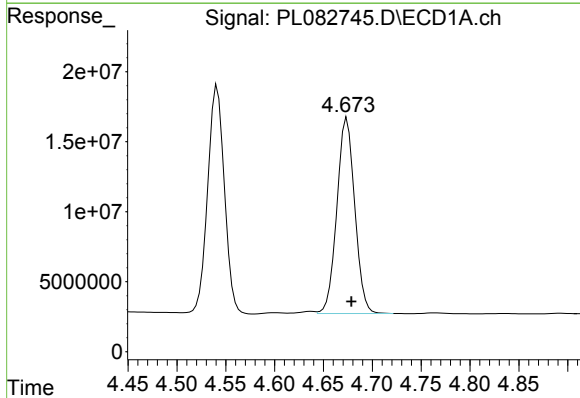
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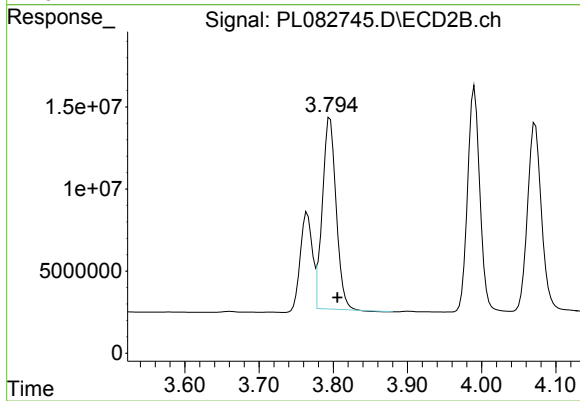
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.009 min
Response: 160929014
Conc: 50.05 ng/ml



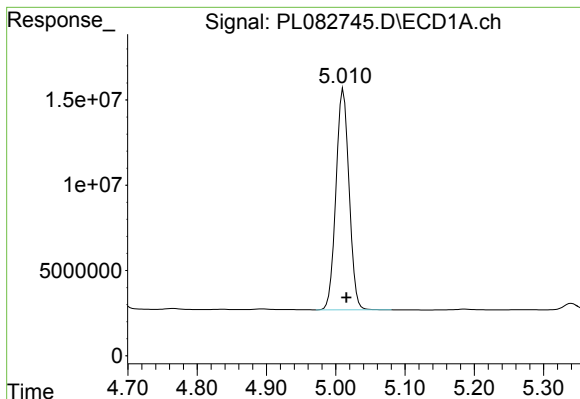
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 177969809
Conc: 48.71 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 149965704
Conc: 43.81 ng/ml



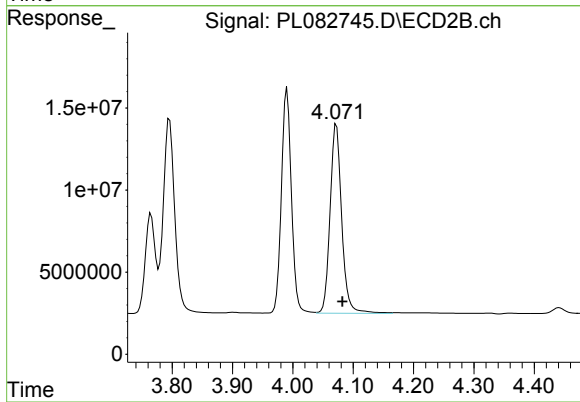
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 169986746
Conc: 51.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

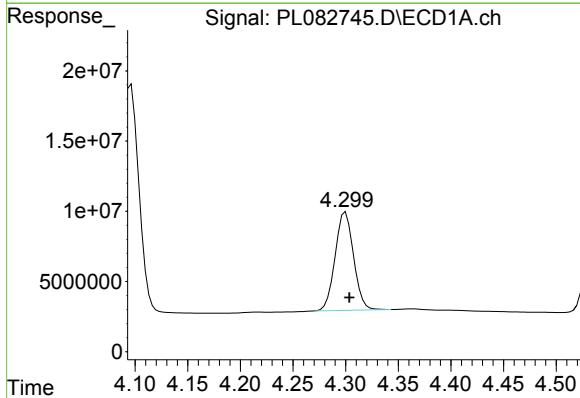
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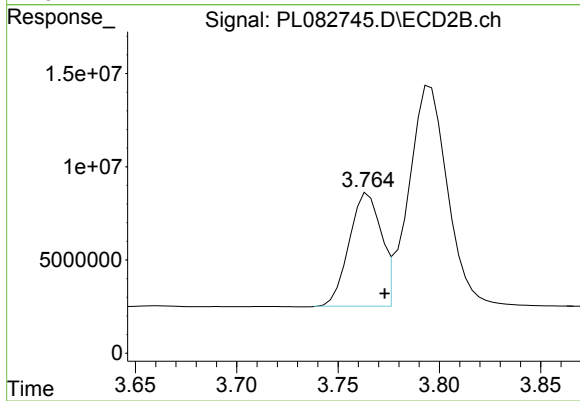
#5 Aldrin

R.T.: 4.072 min
Delta R.T.: -0.010 min
Response: 154848485
Conc: 49.16 ng/ml



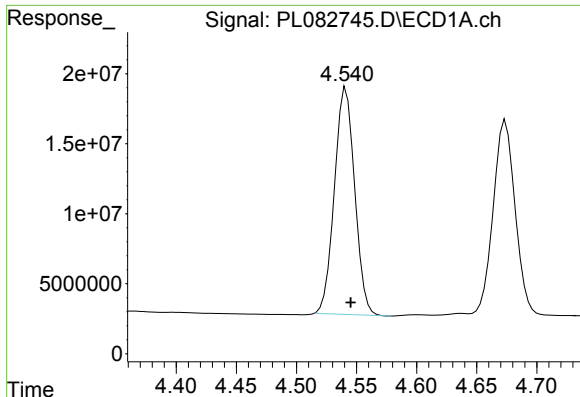
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 85457729
Conc: 50.11 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 73402513
Conc: 53.80 ng/ml m



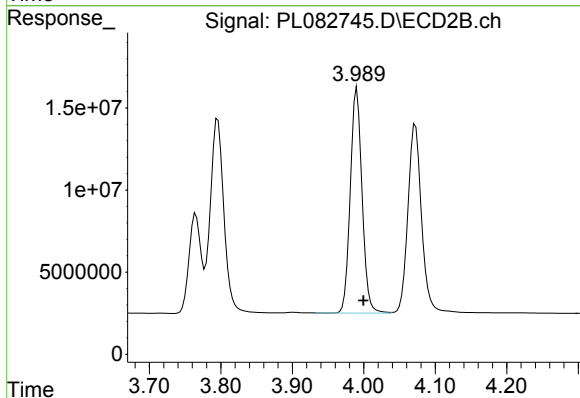
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 190623398
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

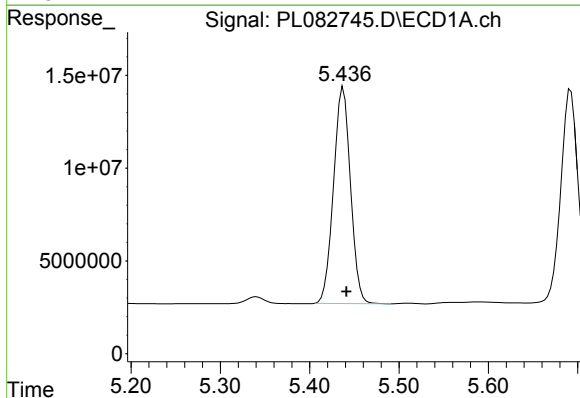
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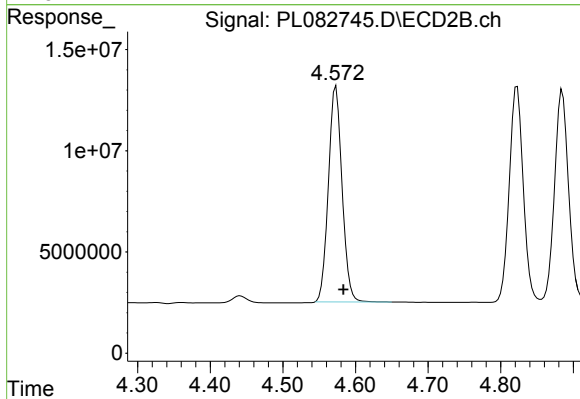
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.009 min
Response: 157553944
Conc: 51.36 ng/ml



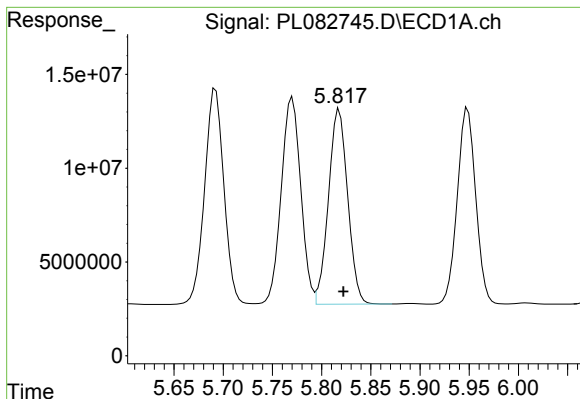
#8 Heptachlor epoxide

R.T.: 5.438 min
Delta R.T.: -0.004 min
Response: 153604434
Conc: 50.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 139613946
Conc: 48.46 ng/ml



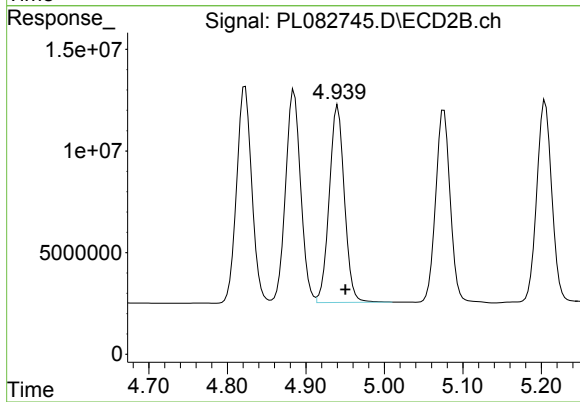
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 141584645
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

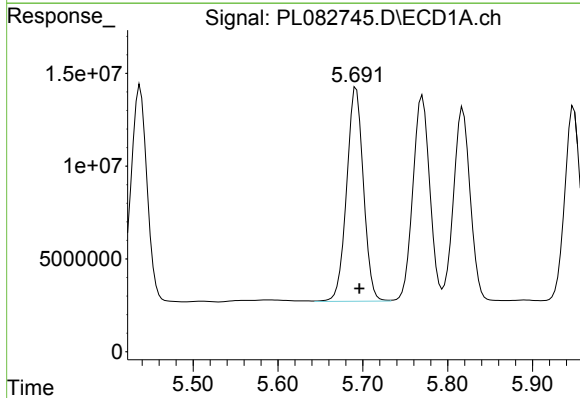
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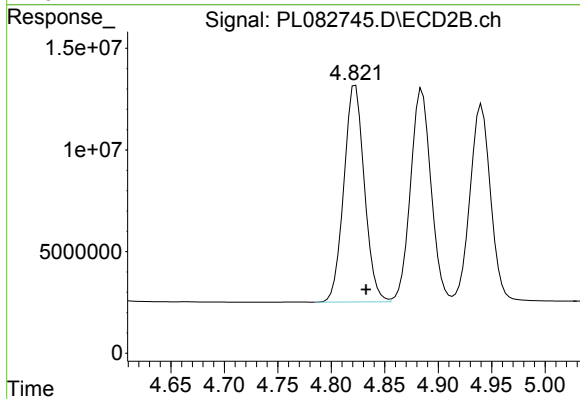
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 129847978
Conc: 48.64 ng/ml



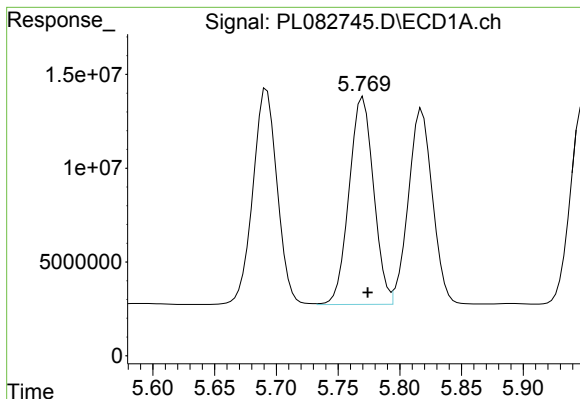
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 158040881
Conc: 52.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 142278624
Conc: 49.03 ng/ml



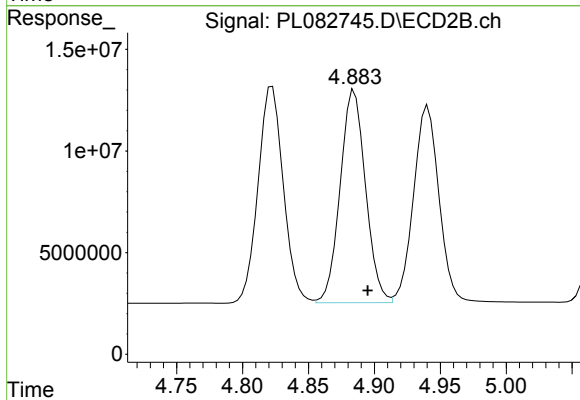
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 152850962
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

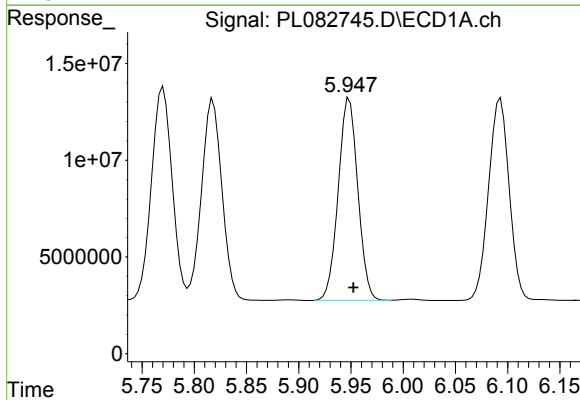
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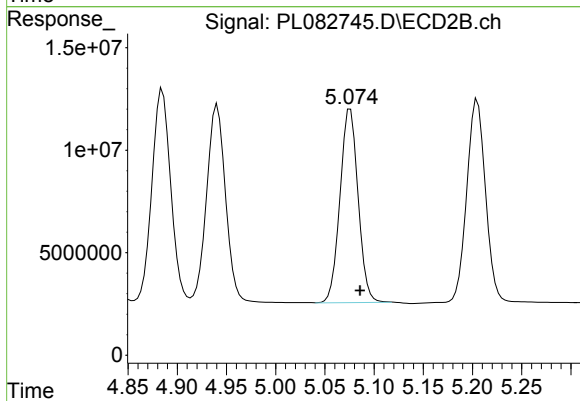
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 139954023
Conc: 48.21 ng/ml



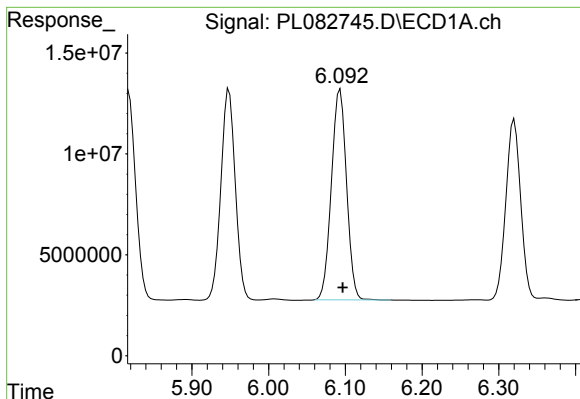
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 136033682
Conc: 53.51 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: -0.011 min
Response: 120964527
Conc: 52.62 ng/ml m



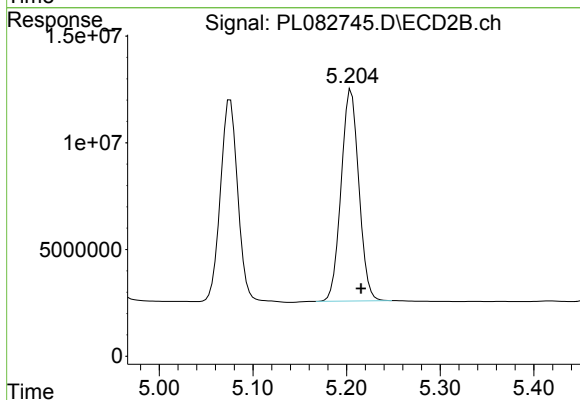
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 143057081
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

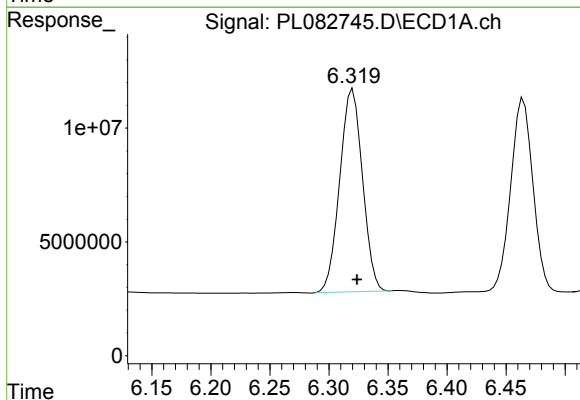
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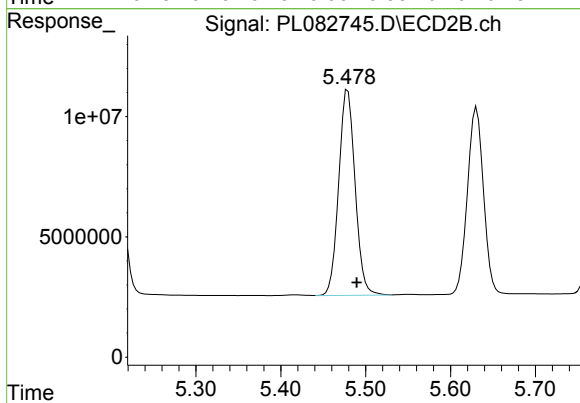
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.012 min
Response: 130517029
Conc: 48.33 ng/ml m



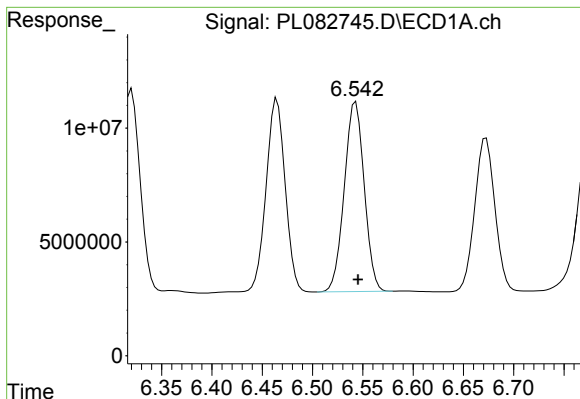
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 119485160
Conc: 49.28 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.012 min
Response: 114588832
Conc: 46.85 ng/ml m



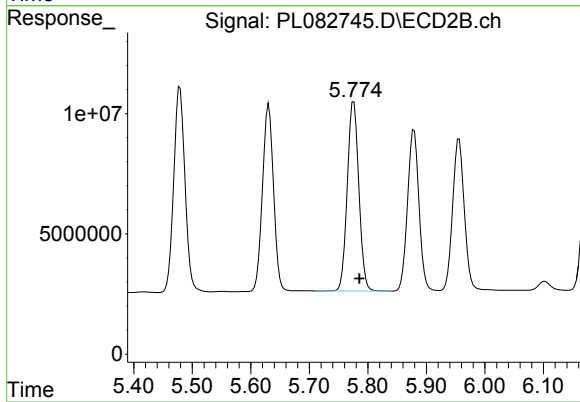
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 114540161
Conc: 47.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

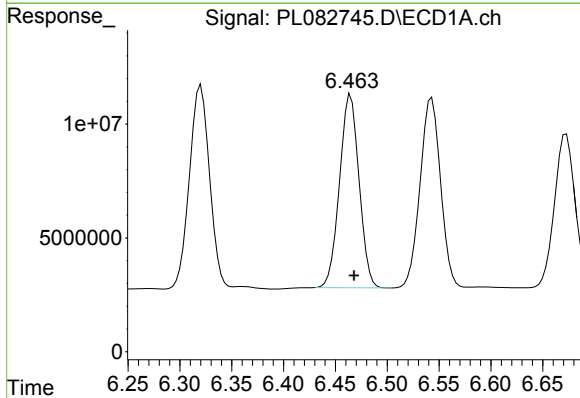
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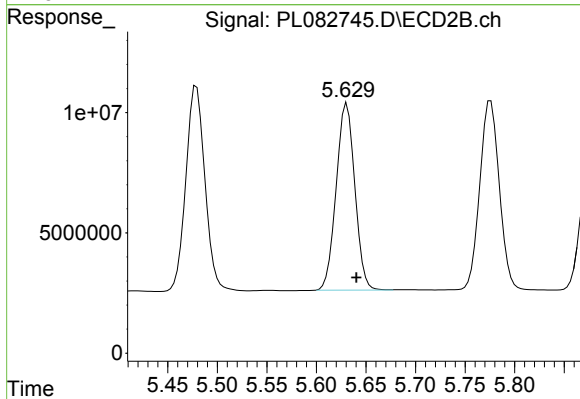
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 108286010
Conc: 48.04 ng/ml



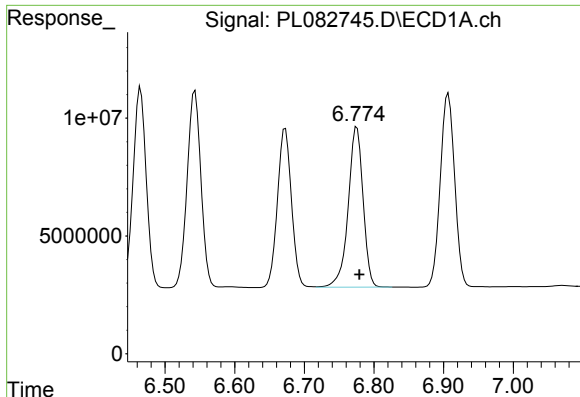
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 111286547
Conc: 54.90 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: -0.010 min
Response: 101572010
Conc: 54.30 ng/ml



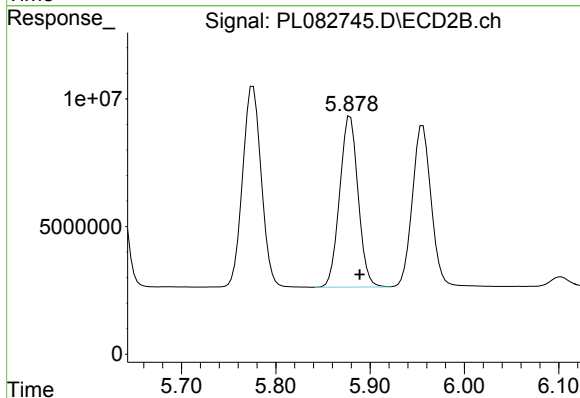
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 101057951
Conc: 44.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

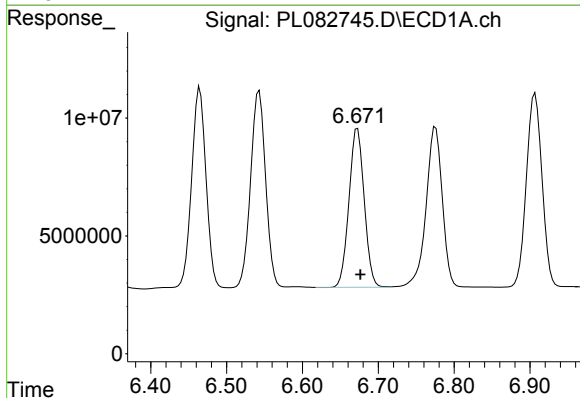
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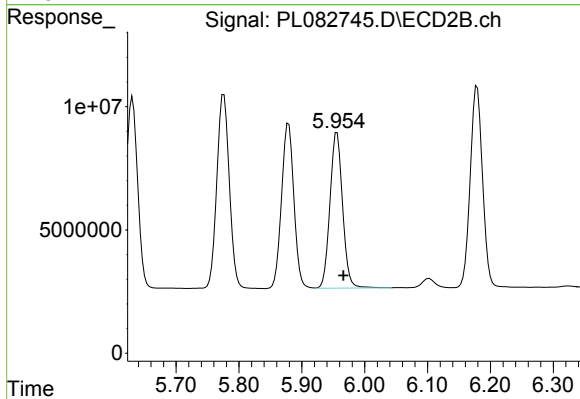
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 90966753
Conc: 43.06 ng/ml



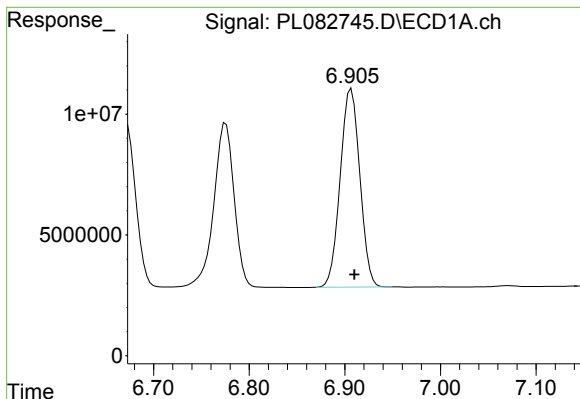
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 94231426
Conc: 50.01 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 87901963
Conc: 46.97 ng/ml



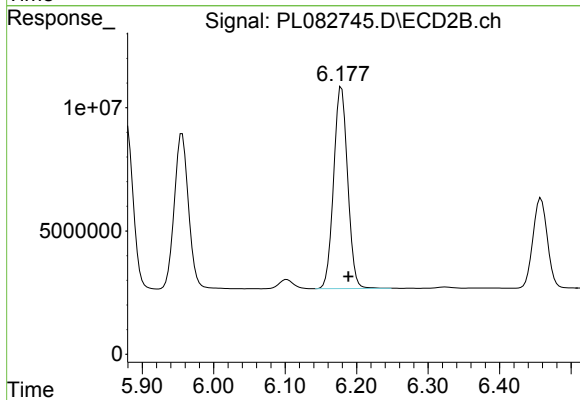
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 117423152
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

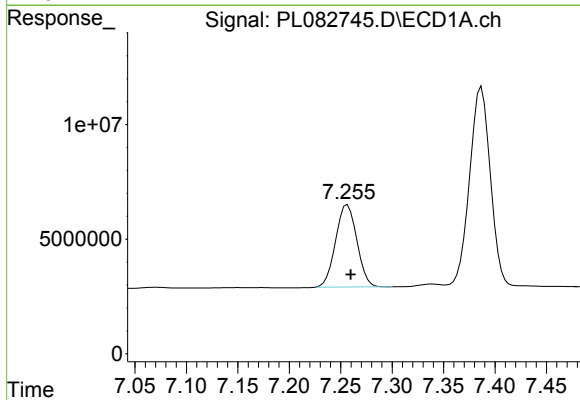
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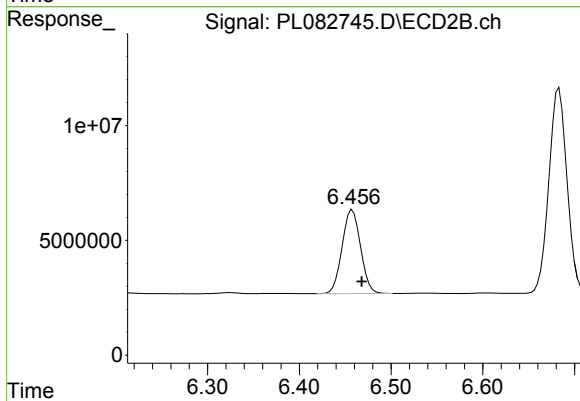
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: -0.010 min
Response: 111420726
Conc: 47.33 ng/ml



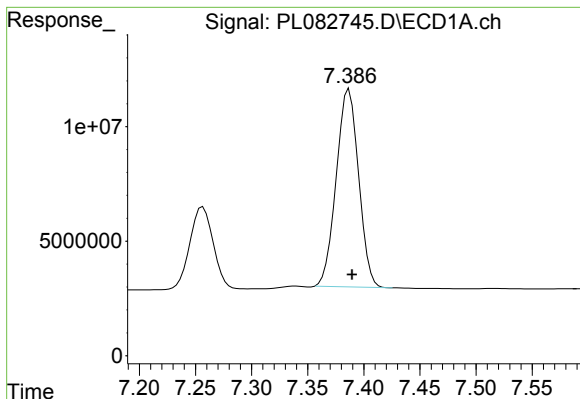
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 51670307
Conc: 42.34 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 50932767
Conc: 42.03 ng/ml m



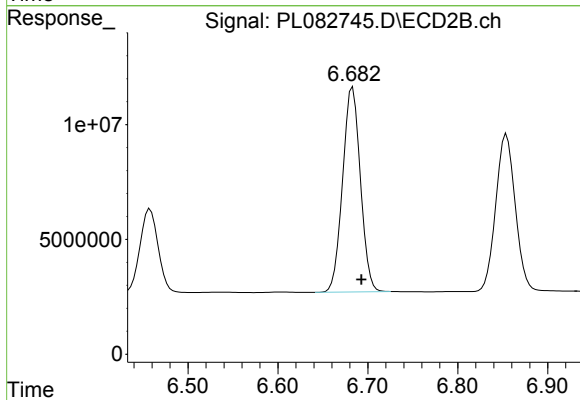
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 119562019
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

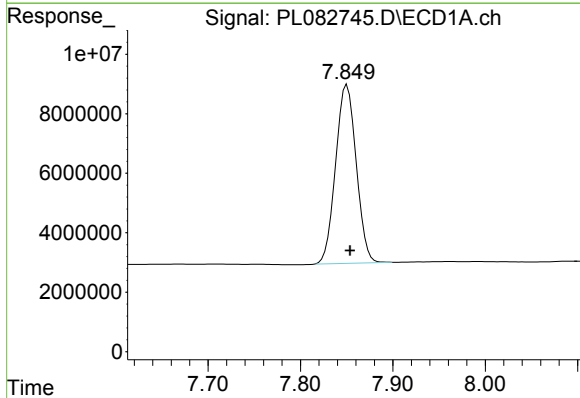
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2023
Supervised By :Ankita Jodhani 05/17/2023



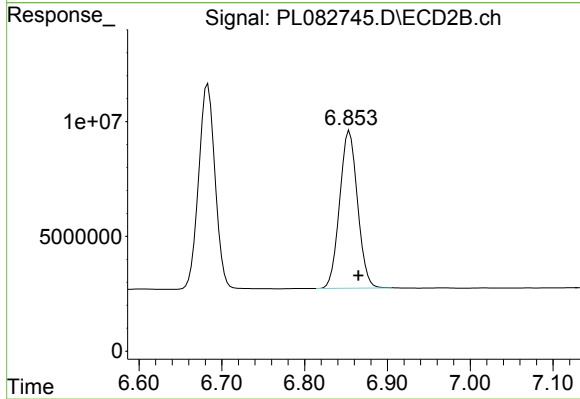
#21 Endrin ketone

R.T.: 6.682 min
Delta R.T.: -0.011 min
Response: 122440450
Conc: 48.24 ng/ml m



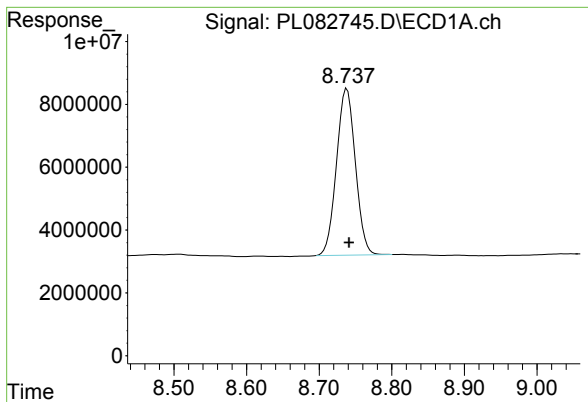
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.003 min
Response: 93169804
Conc: 47.62 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.012 min
Response: 102921703
Conc: 44.67 ng/ml m



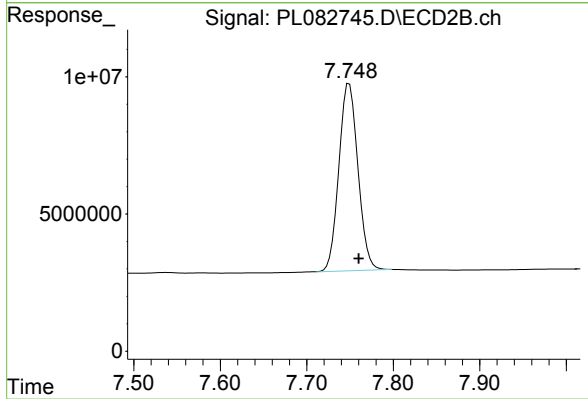
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 95853193
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 05/17/2023



#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: -0.012 min
Response: 103978242
Conc: 45.55 ng/ml m