Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103019\
Data File : PL053917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Oct 2019 15:43
Operator : SG\AJ
Sample : PB124415BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB124415BS

Manual Integrations APPROVED
Ankita
10/31/2019 10:22:01 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 00:42:57 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
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...	3.542	4.044	197.2E6	47997633	18.192	19.181
28)	SA Decachlor...	8.326	9.122	150.3E6	44942604	15.322	15.960
	Target Compounds						
2)	A alpha-BHC	3.985	4.435	905.6E6	183.2E6	51.938	52.993
3)	MA gamma-BHC...	4.272	4.721	811.9E6	169.9E6	52.134	52.762
4)	MA Heptachlor	4.578	5.230	798.7E6	156.6E6	50.606	48.599
5)	MB Aldrin	4.830	5.535	749.0E6	150.5E6	52.395	50.490
6)	B beta-BHC	4.522	4.890	334.8E6	78502223	50.799	50.823
7)	B delta-BHC	4.730	5.108	732.5E6	151.8E6	48.126	50.256
8)	B Heptachlo...	5.275	5.922	649.9E6	142.7E6	48.141	48.930
9)	A Endosulfan I	5.617	6.278	593.2E6	133.6E6	48.260	49.259
10)	B gamma-Chl...	5.504	6.154	649.6E6	144.6E6	47.616	49.561m
11)	B alpha-Chl...	5.562	6.228	628.2E6	143.2E6	47.223	49.049
12)	B 4,4'-DDE	5.725	6.384	605.8E6	140.2E6	50.980	49.786
13)	MA Dieldrin	5.862	6.535	632.6E6	138.4E6	48.537	48.512
14)	MA Endrin	6.120	6.753	494.0E6	106.7E6	42.620	43.949
15)	B Endosulfa...	6.393	6.962	513.4E6	127.4E6	45.918	49.874
16)	A 4,4'-DDD	6.243	6.874	475.1E6	116.3E6	53.381	55.798
17)	MA 4,4'-DDT	6.485	7.173	387.8E6	94021196	39.142	40.658
18)	B Endrin al...	6.561	7.086	420.2E6	108.7E6	45.828	49.493
19)	B Endosulfa...	6.775	7.309	442.9E6	113.3E6	43.544	46.160
20)	A Methoxychlor	7.031	7.631	186.7E6	51954902	37.872	39.999
21)	B Endrin ke...	7.269	7.780	504.7E6	129.2E6	46.884	50.109
22)	Mirex	7.462	8.235	415.8E6	108.3E6	48.610	53.520

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103019\
Data File : PL053917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Oct 2019 15:43
Operator : SG\AJ
Sample : PB124415BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB124415BS

Manual Integrations APPROVED
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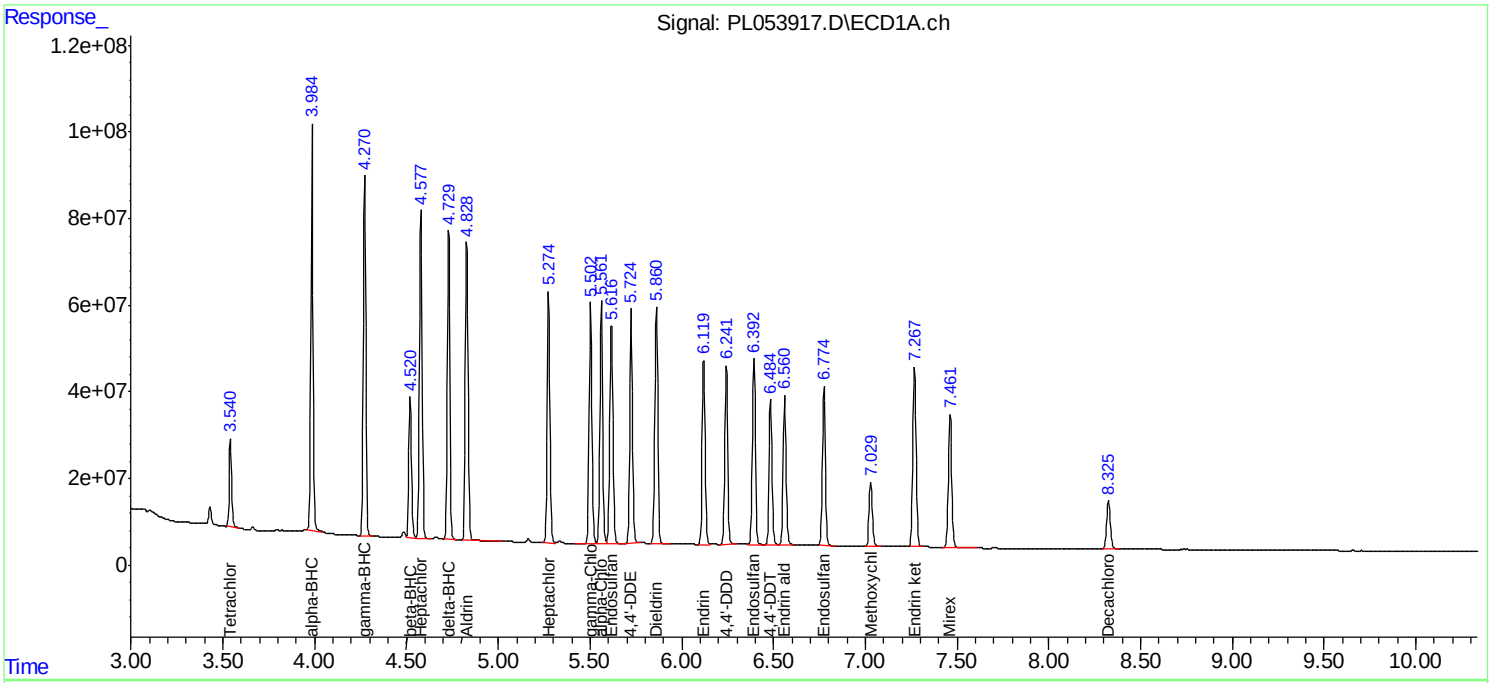
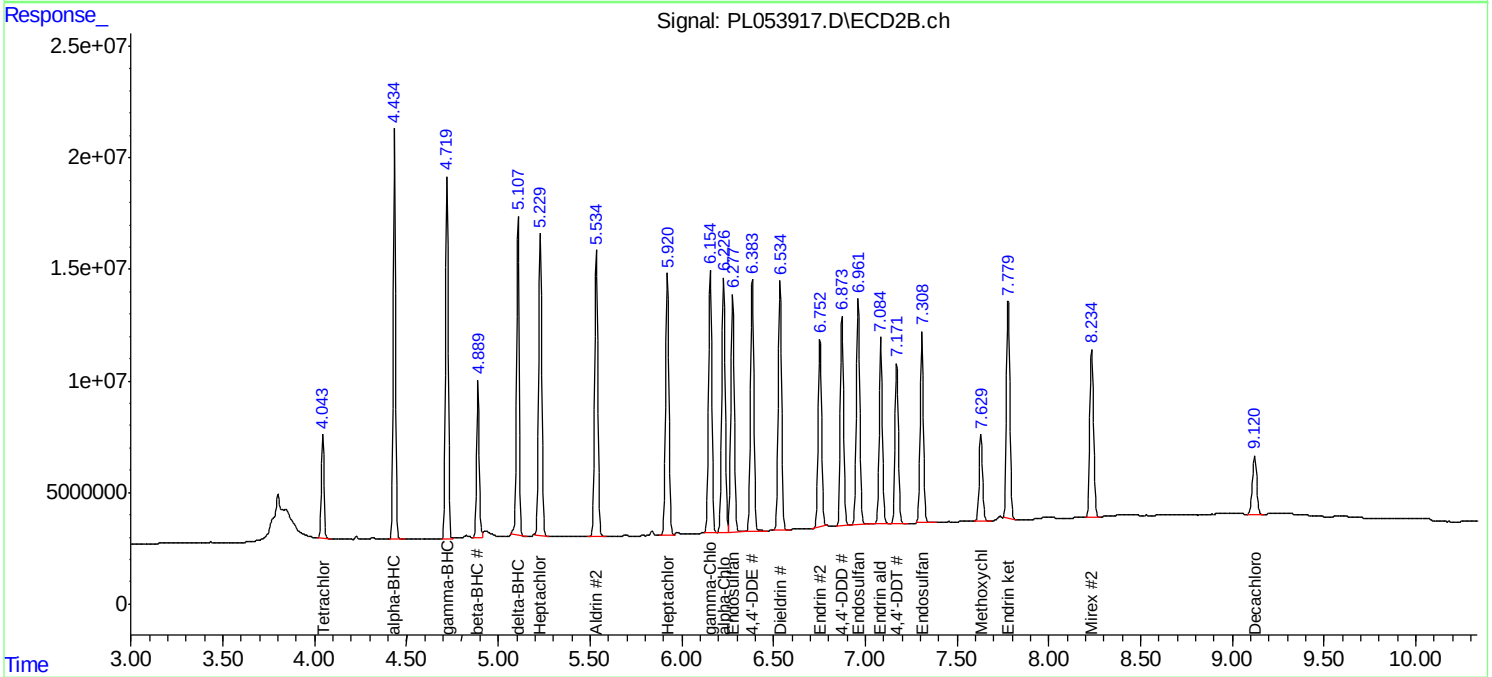
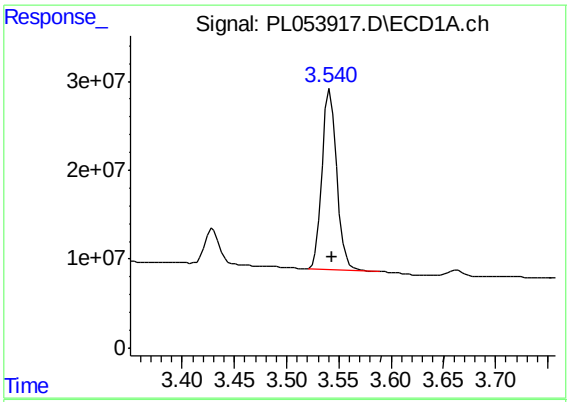
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 00:42:57 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response via : Initial Calibration
Integrator: ChemStation

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.: 3.542 min
Delta R.T.: -0.002 min
Response: 197191847
Conc: 18.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB124415BS

Manual Integrations APPROVED
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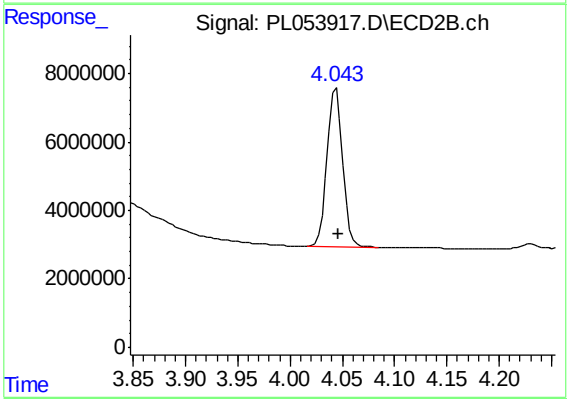
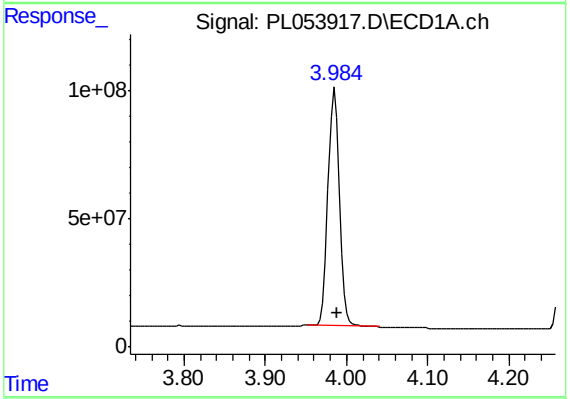


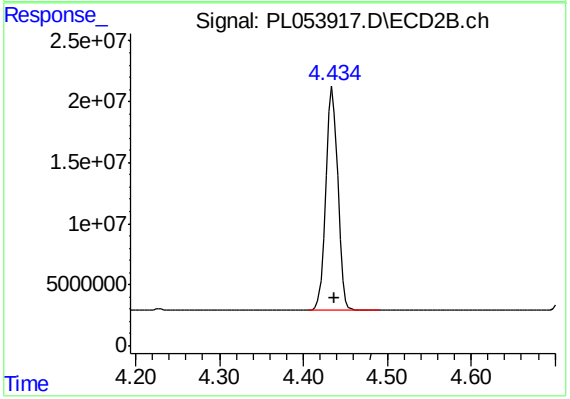
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 47997633
Conc: 19.18 ng/ml



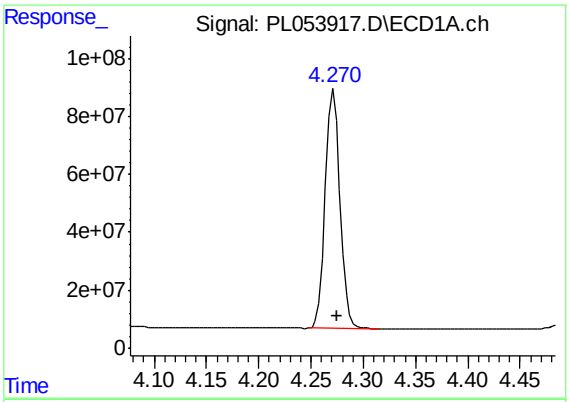
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 905618328
Conc: 51.94 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 183203206
Conc: 52.99 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.272 min
Delta R.T.: -0.003 min
Response: 811920822
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB124415BS

Manual Integrations APPROVED
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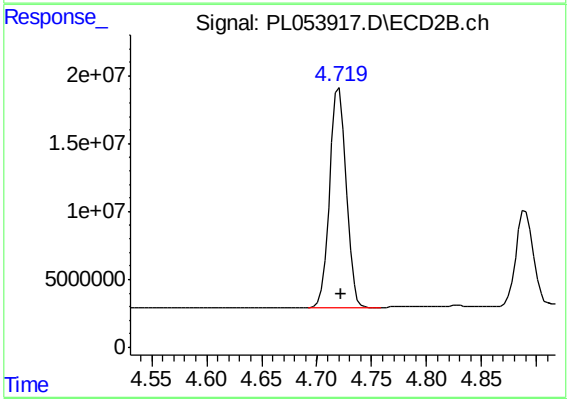
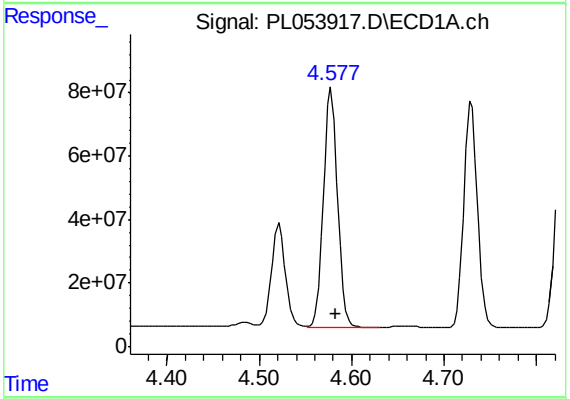
10/31/2019 10:22:01 AM



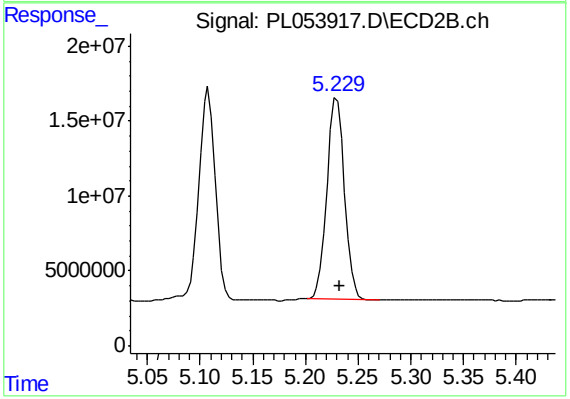
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 169914175
Conc: 52.76 ng/ml



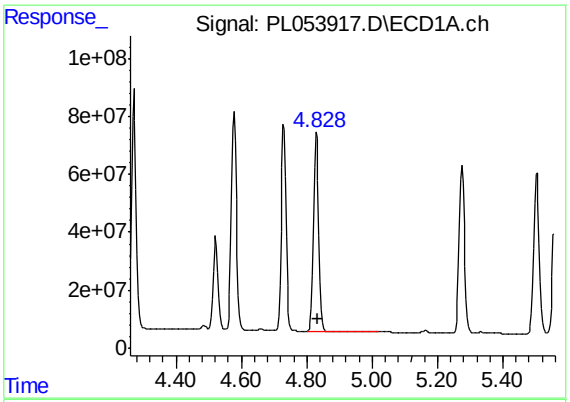
#4 Heptachlor

R.T.: 4.578 min
Delta R.T.: -0.004 min
Response: 798710919
Conc: 50.61 ng/ml



#4 Heptachlor

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 156592604
Conc: 48.60 ng/ml



#5 Aldrin

R.T.: 4.830 min
Delta R.T.: -0.004 min
Response: 749025226
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB124415BS

Manual Integrations APPROVED
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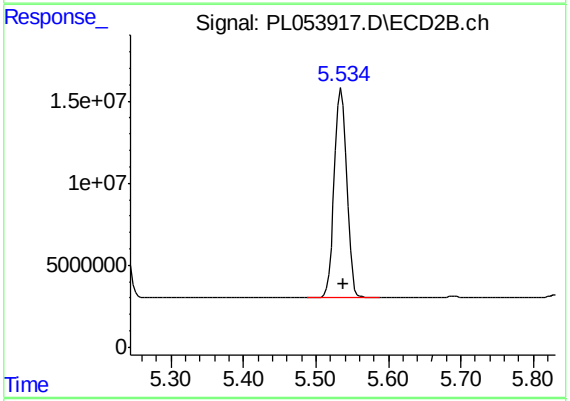
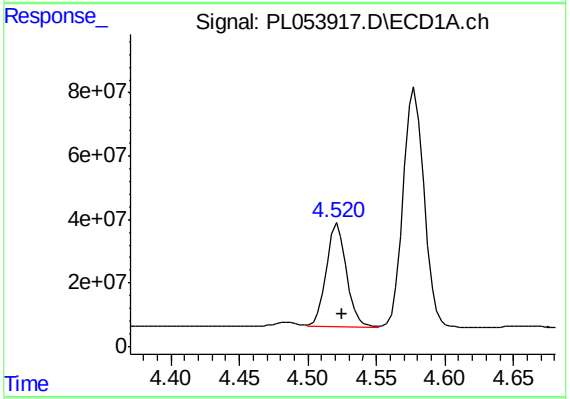


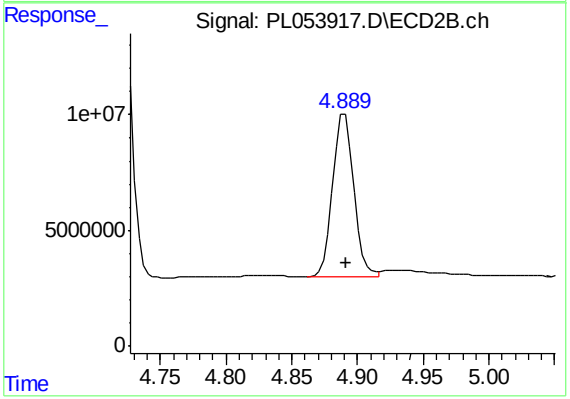
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 150538715
Conc: 50.49 ng/ml



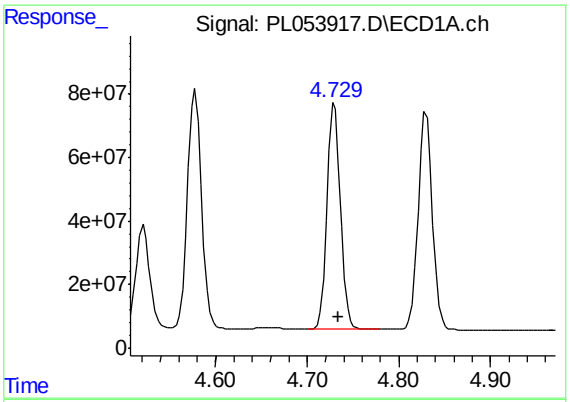
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 334755991
Conc: 50.80 ng/ml



#6 beta-BHC

R.T.: 4.890 min
Delta R.T.: -0.001 min
Response: 78502223
Conc: 50.82 ng/ml



#7 delta-BHC

R.T.: 4.730 min
Delta R.T.: -0.004 min
Response: 732525143
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB124415BS

Manual Integrations APPROVED
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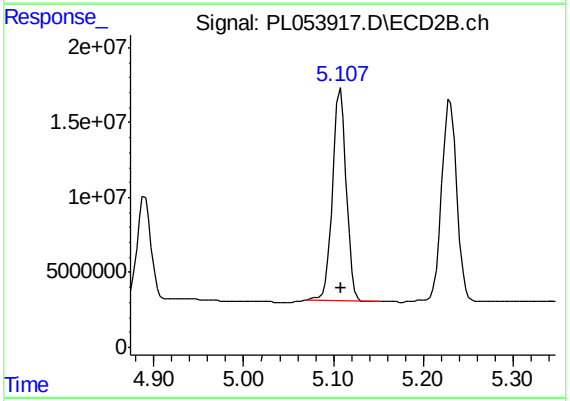
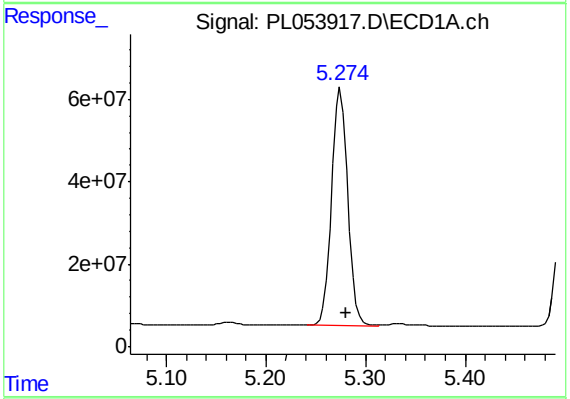


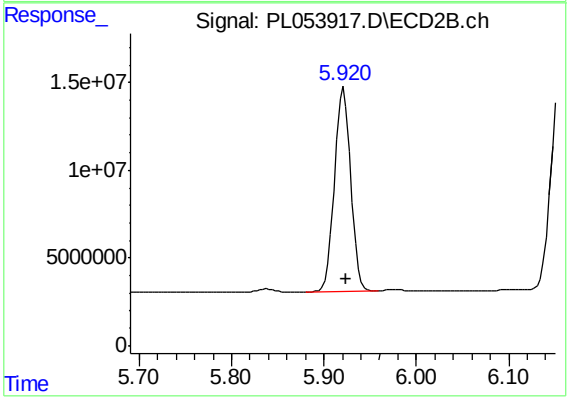
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 151801659
Conc: 50.26 ng/ml



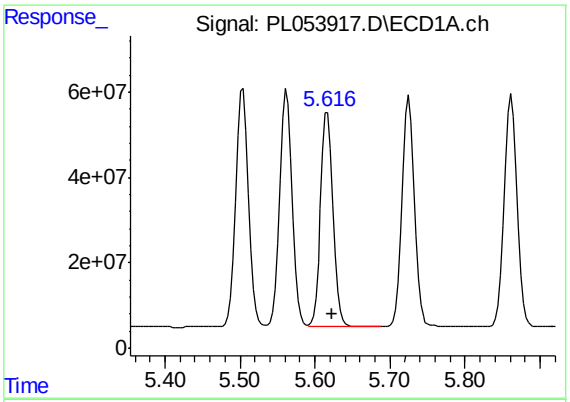
#8 Heptachlor epoxide

R.T.: 5.275 min
Delta R.T.: -0.005 min
Response: 649862103
Conc: 48.14 ng/ml



#8 Heptachlor epoxide

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 142700108
Conc: 48.93 ng/ml



#9 Endosulfan I

R.T.: 5.617 min
Delta R.T.: -0.006 min
Response: 593217158
Conc: 48.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB124415BS

Manual Integrations APPROVED
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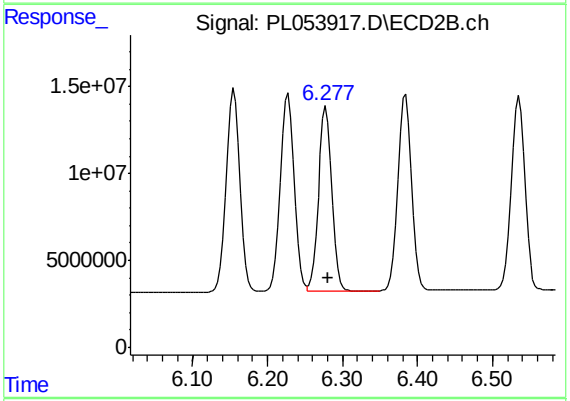
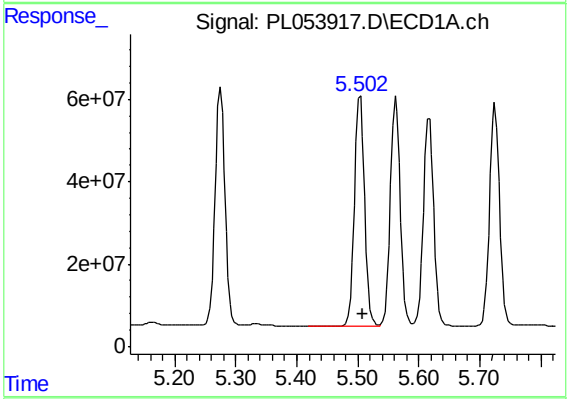
10/31/2019 10:22:01 AM



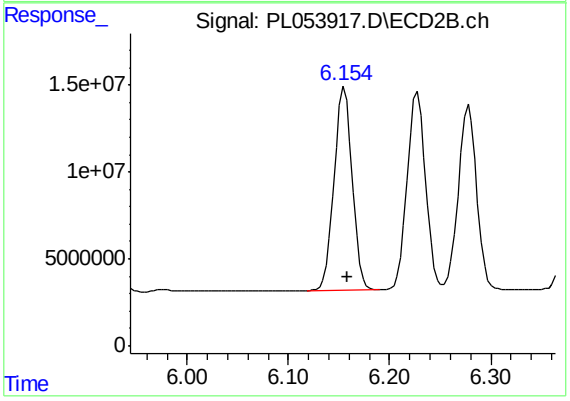
#9 Endosulfan I

R.T.: 6.278 min
Delta R.T.: -0.003 min
Response: 133553979
Conc: 49.26 ng/ml



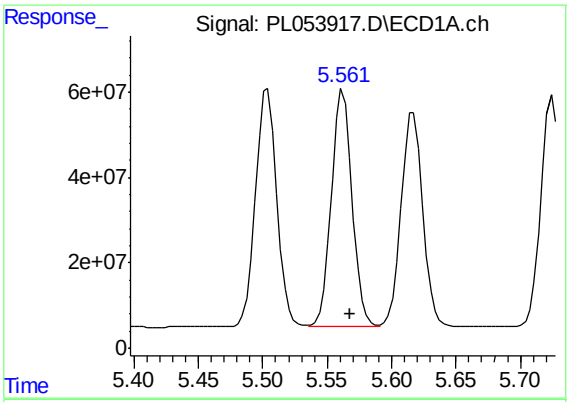
#10 gamma-Chlordane

R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 649649523
Conc: 47.62 ng/ml



#10 gamma-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.004 min
Response: 144610101
Conc: 49.56 ng/ml m

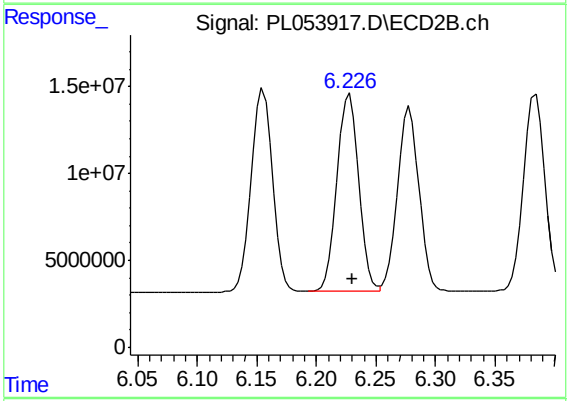


#11 alpha-Chlordane

R.T.: 5.562 min
Delta R.T.: -0.005 min
Response: 628237317
Conc: 47.22 ng/ml

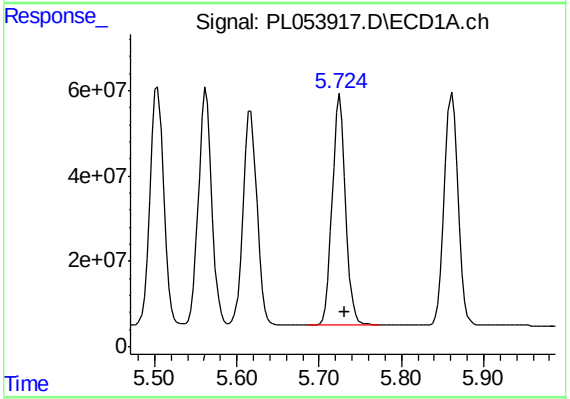
Instrument :
ECD_L
ClientSampleId :
PB124415BS

Manual Integrations APPROVED
Ankita
10/31/2019 10:22:01 AM



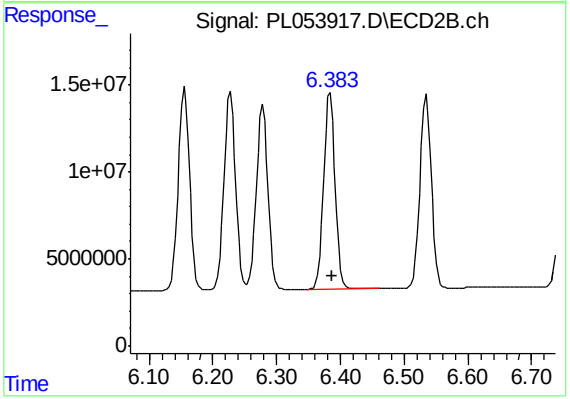
#11 alpha-Chlordane

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 143186009
Conc: 49.05 ng/ml



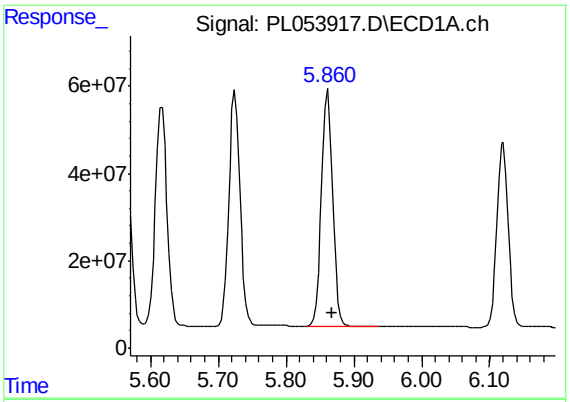
#12 4,4'-DDE

R.T.: 5.725 min
Delta R.T.: -0.006 min
Response: 605751597
Conc: 50.98 ng/ml



#12 4,4'-DDE

R.T.: 6.384 min
Delta R.T.: -0.003 min
Response: 140214524
Conc: 49.79 ng/ml

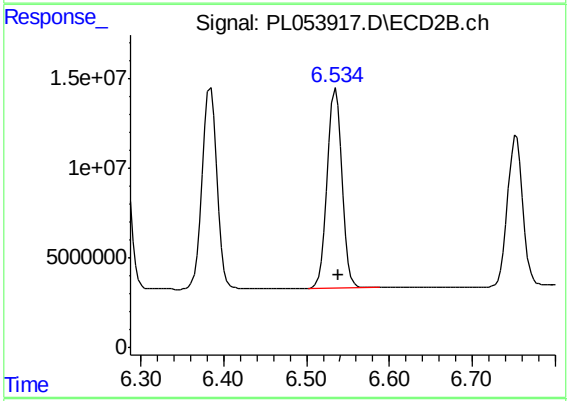


#13 Dieldrin

R.T.: 5.862 min
Delta R.T.: -0.006 min
Response: 632604371
Conc: 48.54 ng/ml

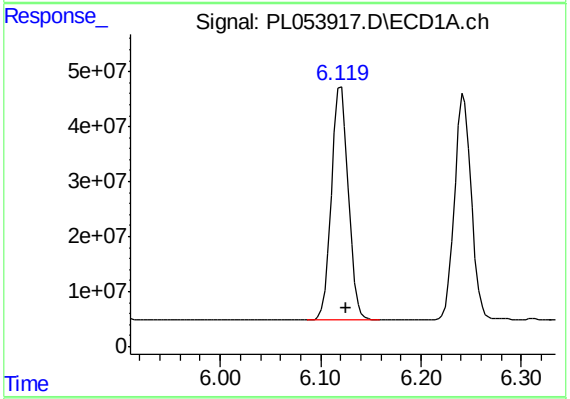
Instrument :
ECD_L
ClientSampleId :
PB124415BS

Manual Integrations APPROVED
Ankita
10/31/2019 10:22:01 AM



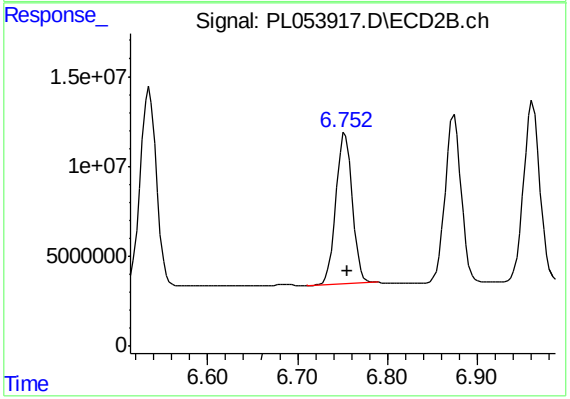
#13 Dieldrin

R.T.: 6.535 min
Delta R.T.: -0.003 min
Response: 138435439
Conc: 48.51 ng/ml



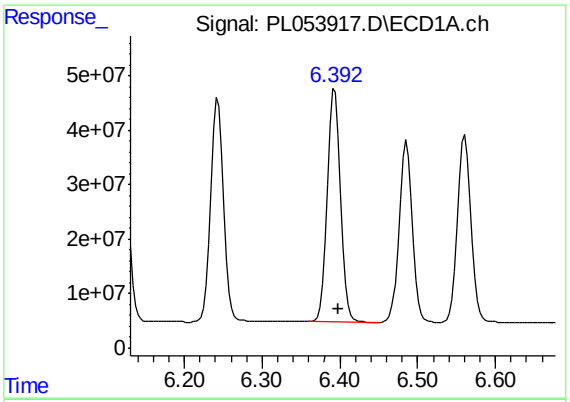
#14 Endrin

R.T.: 6.120 min
Delta R.T.: -0.006 min
Response: 494022529
Conc: 42.62 ng/ml



#14 Endrin

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 106673801
Conc: 43.95 ng/ml

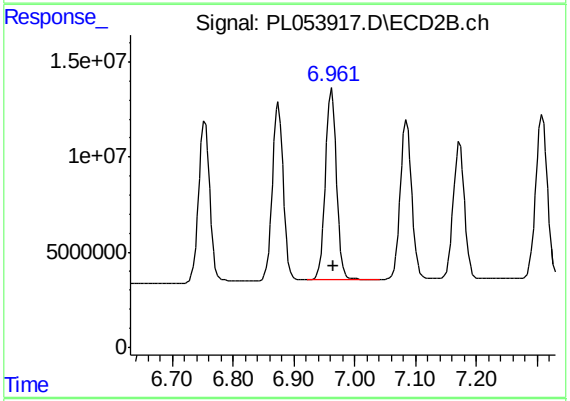


#15 Endosulfan II

R.T.: 6.393 min
Delta R.T.: -0.006 min
Response: 513381060
Conc: 45.92 ng/ml

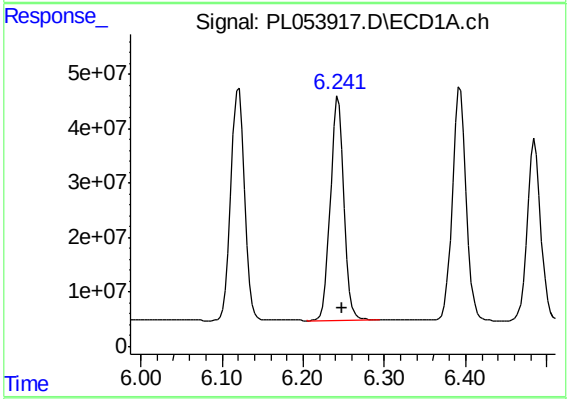
Instrument :
ECD_L
ClientSampleId :
PB124415BS

Manual Integrations APPROVED
Ankita
10/31/2019 10:22:01 AM



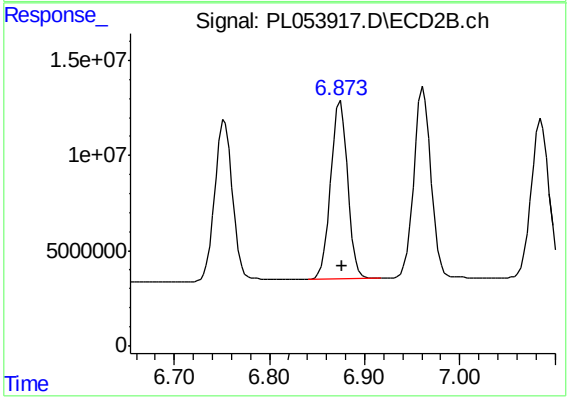
#15 Endosulfan II

R.T.: 6.962 min
Delta R.T.: -0.003 min
Response: 127401996
Conc: 49.87 ng/ml



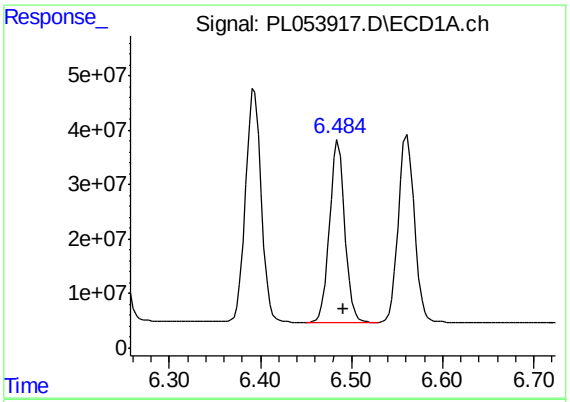
#16 4,4'-DDD

R.T.: 6.243 min
Delta R.T.: -0.006 min
Response: 475086493
Conc: 53.38 ng/ml



#16 4,4'-DDD

R.T.: 6.874 min
Delta R.T.: -0.002 min
Response: 116279957
Conc: 55.80 ng/ml



#17 4,4'-DDT

R.T.: 6.485 min
Delta R.T.: -0.006 min
Response: 387756398
Conc: 39.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB124415BS

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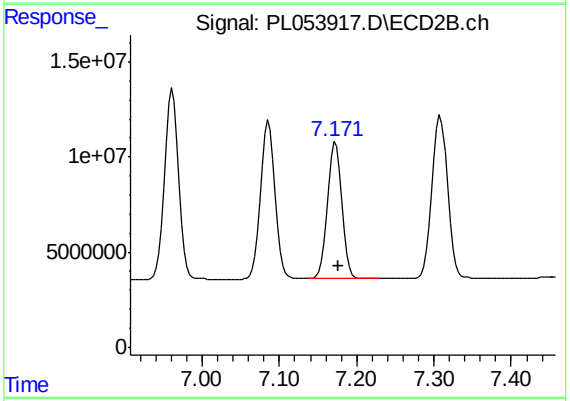
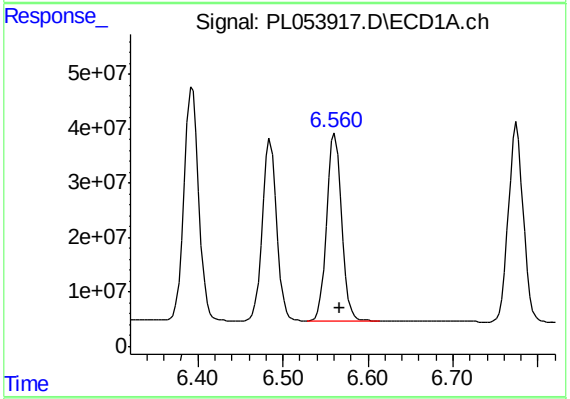


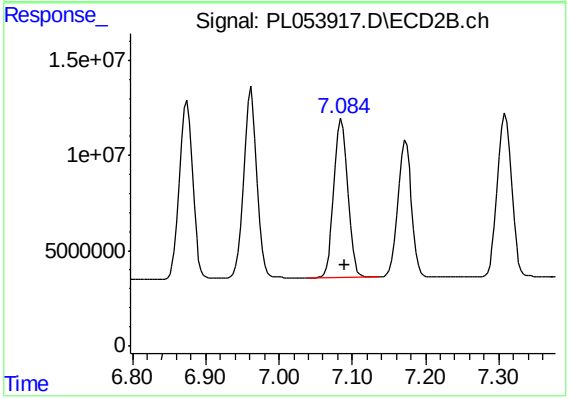
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 94021196
Conc: 40.66 ng/ml



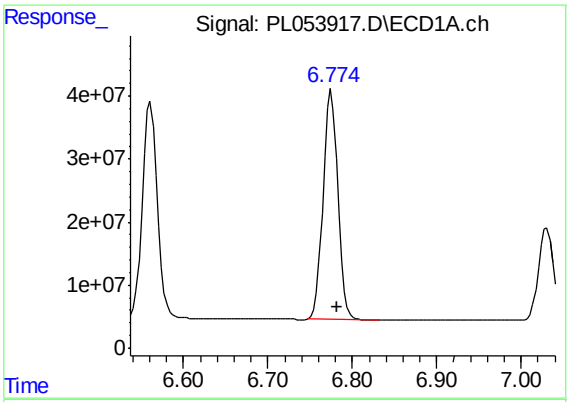
#18 Endrin aldehyde

R.T.: 6.561 min
Delta R.T.: -0.006 min
Response: 420212164
Conc: 45.83 ng/ml



#18 Endrin aldehyde

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 108724417
Conc: 49.49 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.775 min
Delta R.T.: -0.006 min
Response: 442908606
Conc: 43.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB124415BS

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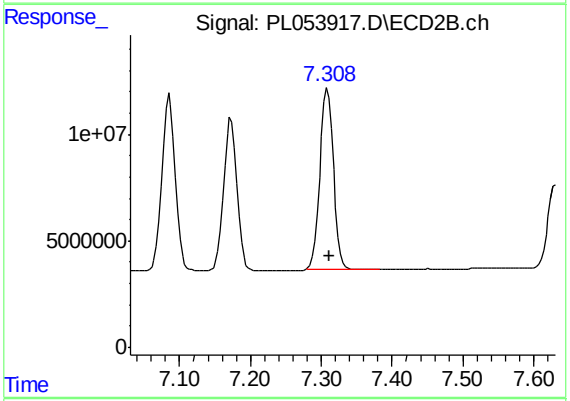
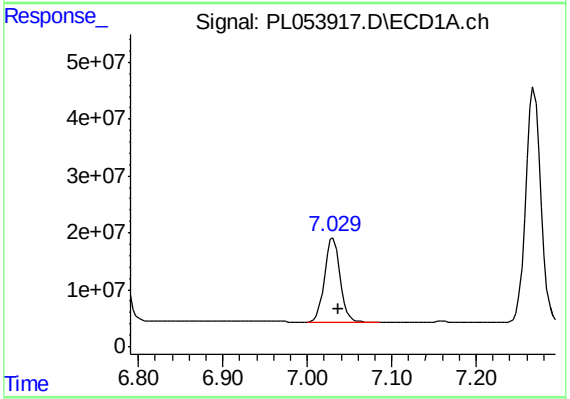


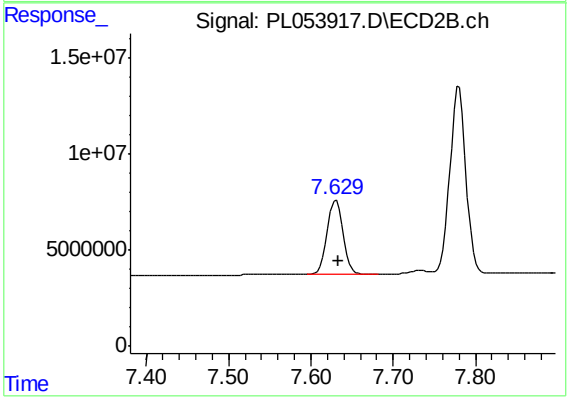
#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: -0.003 min
Response: 113258773
Conc: 46.16 ng/ml



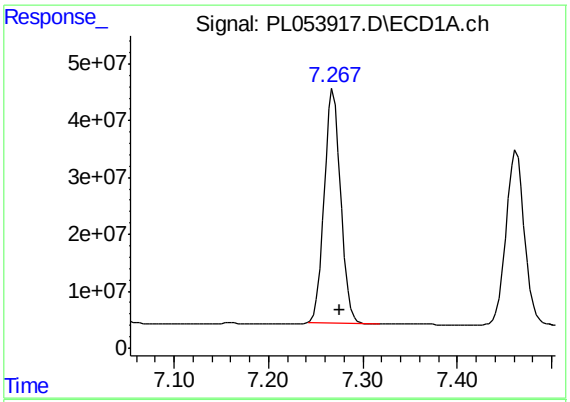
#20 Methoxychlor

R.T.: 7.031 min
Delta R.T.: -0.006 min
Response: 186724122
Conc: 37.87 ng/ml



#20 Methoxychlor

R.T.: 7.631 min
Delta R.T.: -0.003 min
Response: 51954902
Conc: 40.00 ng/ml



#21 Endrin ketone

R.T.: 7.269 min
Delta R.T.: -0.006 min
Response: 504716525
Conc: 46.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB124415BS

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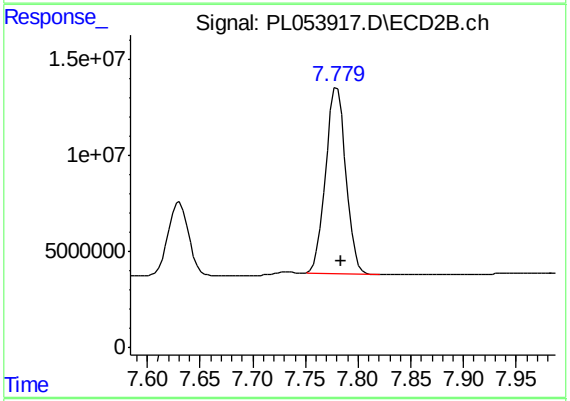
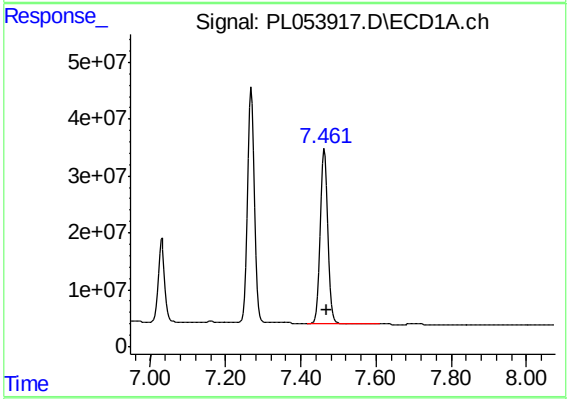


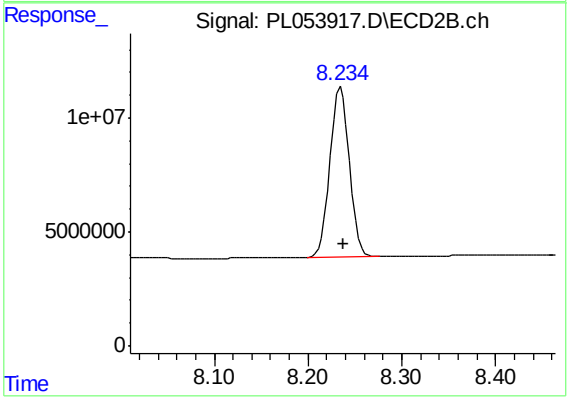
#21 Endrin ketone

R.T.: 7.780 min
Delta R.T.: -0.003 min
Response: 129206041
Conc: 50.11 ng/ml



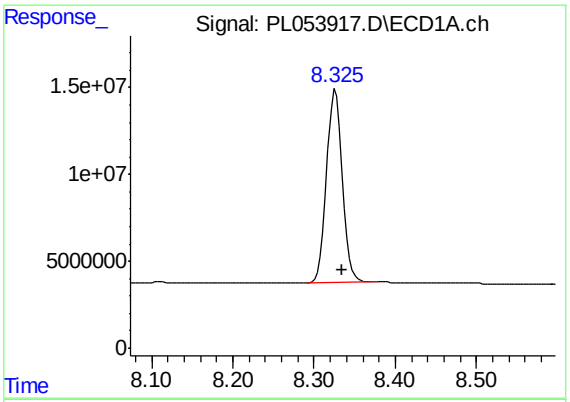
#22 Mirex

R.T.: 7.462 min
Delta R.T.: -0.007 min
Response: 415760385
Conc: 48.61 ng/ml



#22 Mirex

R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 108273579
Conc: 53.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.326 min
Delta R.T.: -0.008 min
Response: 150328557
Conc: 15.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB124415BS

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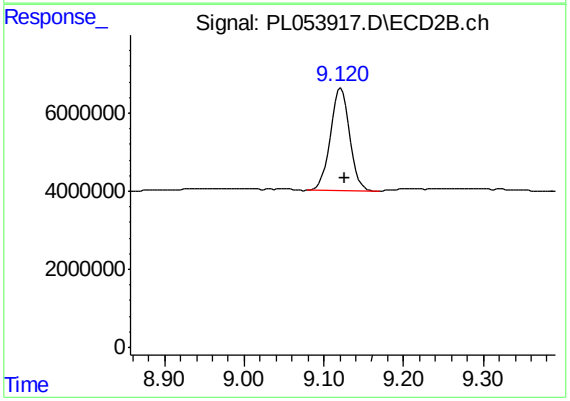

#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: -0.005 min
Response: 44942604
Conc: 15.96 ng/ml