

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103119\
 Data File : PL053944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 09:58
 Operator : SG\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Ankita
 11/1/2019 11:42:04 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:15:03 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...	3.546	4.045	566.1E6	131.4E6	52.226	52.499
28)	SA Decachlor...	8.331	9.125	458.0E6	136.5E6	46.678	48.472
Target Compounds							
2)	A alpha-BHC	3.989	4.436	921.5E6	186.9E6	52.851	54.051
3)	MA gamma-BHC...	4.276	4.722	823.0E6	173.5E6	52.847	53.883
4)	MA Heptachlor	4.583	5.232	805.5E6	159.6E6	51.038	49.522
5)	MB Aldrin	4.834	5.537	787.8E6	154.7E6	55.111	51.870
6)	B beta-BHC	4.527	4.891	332.8E6	83036245	50.505	53.758m
7)	B delta-BHC	4.735	5.109	791.8E6	165.2E6	52.017	54.679
8)	B Heptachlor...	5.280	5.923	703.7E6	157.9E6	52.129	54.154
9)	A Endosulfan I	5.622	6.280	642.9E6	138.6E6	52.305	51.133
10)	B gamma-Chl...	5.508	6.158	707.7E6	148.4E6	51.867	50.843
11)	B alpha-Chl...	5.567	6.230	680.5E6	149.2E6	51.149	51.095
12)	B 4,4'-DDE	5.730	6.386	597.2E6	143.8E6	50.261	51.069
13)	MA Dieldrin	5.866	6.537	673.9E6	147.0E6	51.706	51.497
14)	MA Endrin	6.125	6.755	557.5E6	114.0E6	48.100	46.959
15)	B Endosulfa...	6.398	6.964	554.4E6	130.5E6	49.590	51.090
16)	A 4,4'-DDD	6.248	6.876	513.1E6	119.1E6	57.651	57.148
17)	MA 4,4'-DDT	6.490	7.175	432.6E6	99480200	43.671	43.018
18)	B Endrin al...	6.566	7.088	444.0E6	108.8E6	48.418	49.505
19)	B Endosulfa...	6.780	7.311	492.1E6	120.3E6	48.381	49.032
20)	A Methoxychlor	7.035	7.633	211.6E6	55395586	42.919	42.648
21)	B Endrin ke...	7.274	7.782	547.7E6	134.2E6	50.878	52.029
22)	Mirex	7.467	8.237	394.5E6	103.4E6	46.128	51.095

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103119\
Data File : PL053944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 09:58
Operator : SG\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

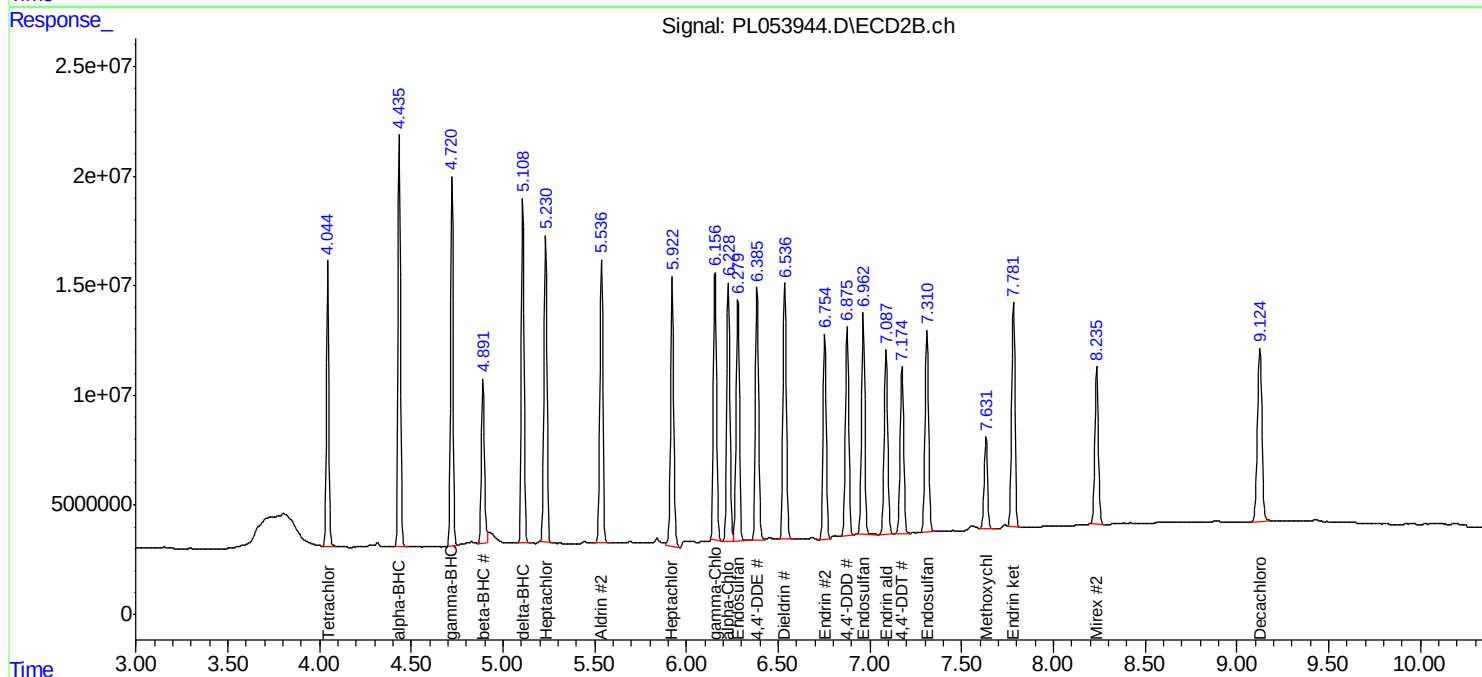
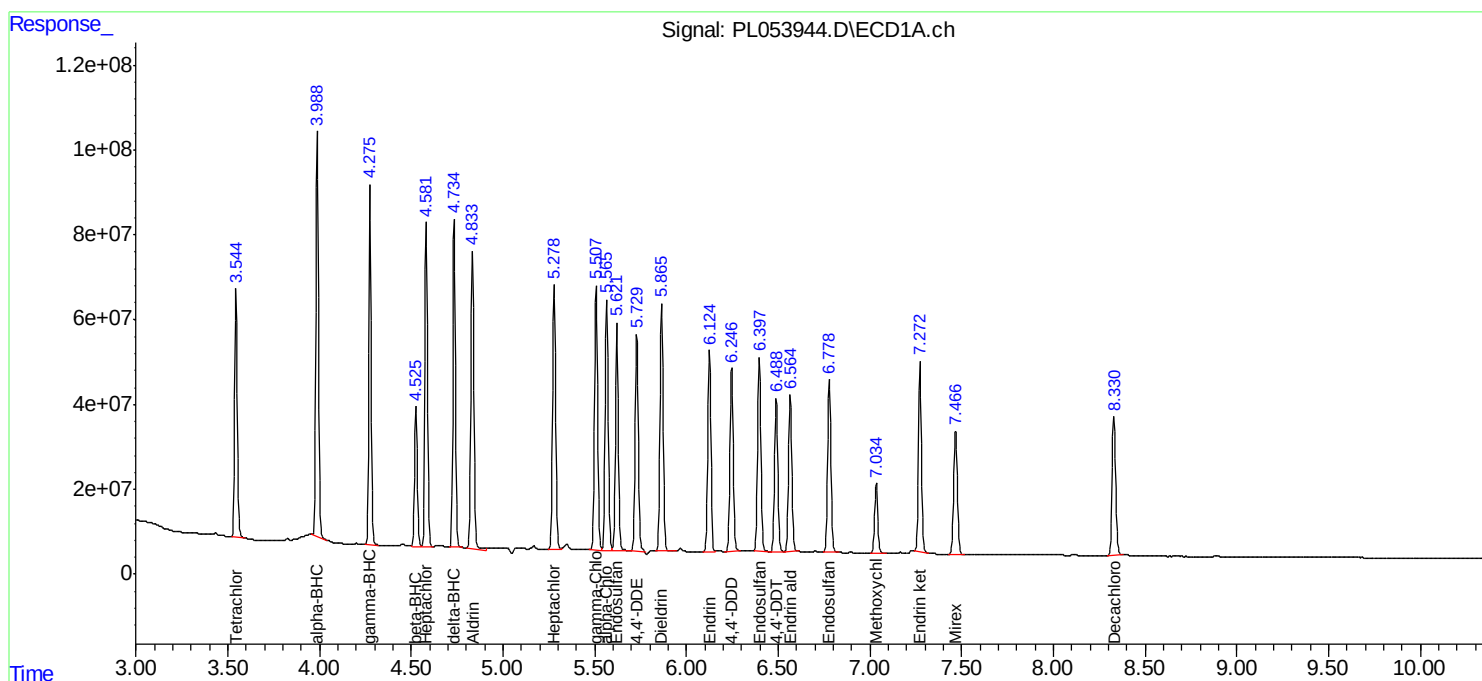
Instrument :
ECD_L
ClientSampled :
PSTDCCC050

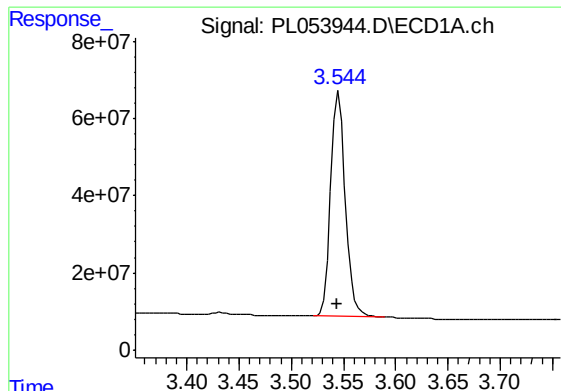
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:15:03 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





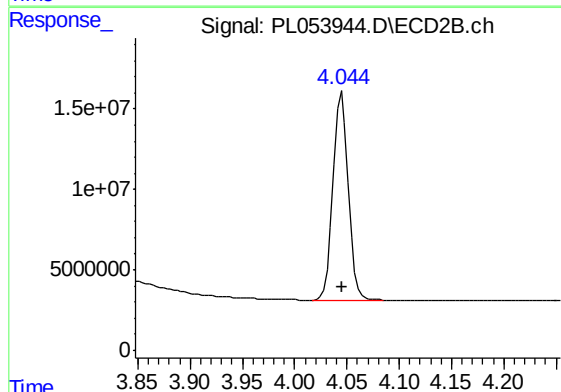
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.002 min
Response: 566099607
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

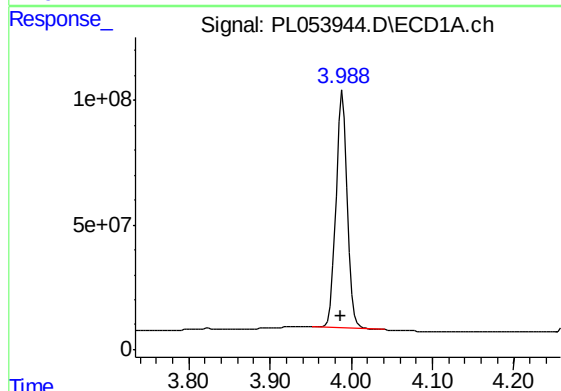
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



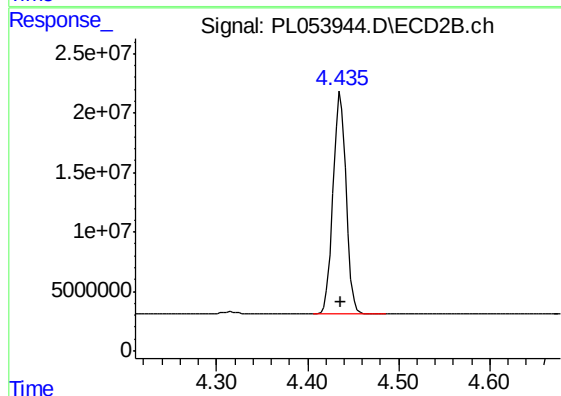
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 131373028
Conc: 52.50 ng/ml



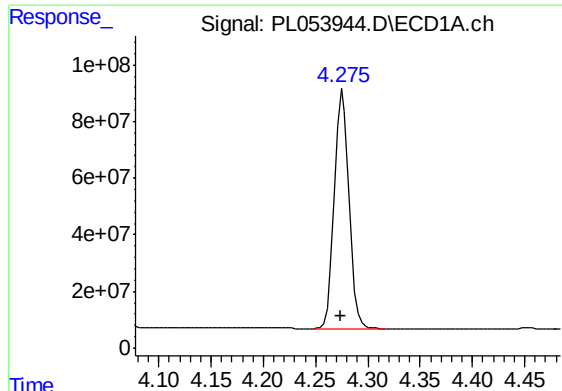
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.001 min
Response: 921529860
Conc: 52.85 ng/ml



#2 alpha-BHC

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 186858866
Conc: 54.05 ng/ml



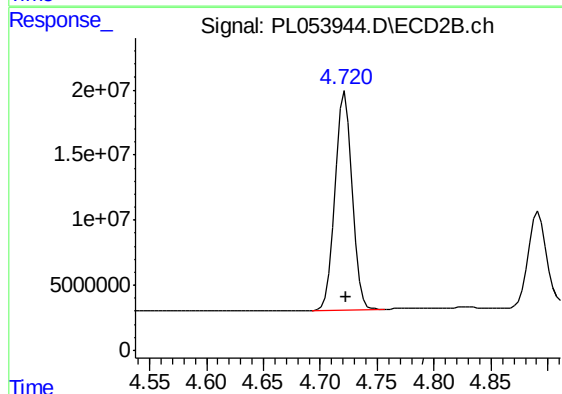
#3 gamma-BHC (Lindane)

R.T.: 4.276 min
Delta R.T.: 0.001 min
Response: 823016988
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

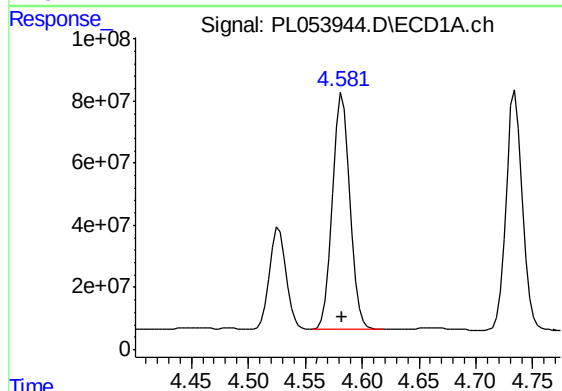
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



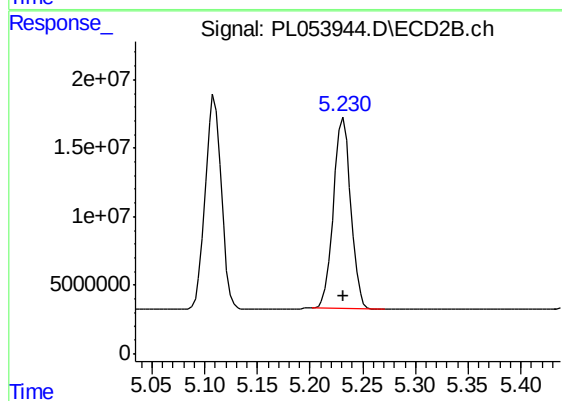
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 173525235
Conc: 53.88 ng/ml



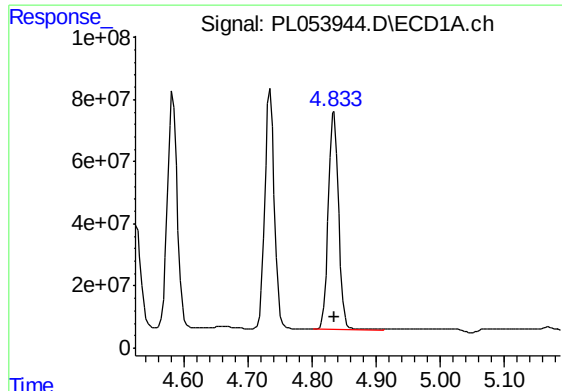
#4 Heptachlor

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 805532399
Conc: 51.04 ng/ml



#4 Heptachlor

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 159569079
Conc: 49.52 ng/ml



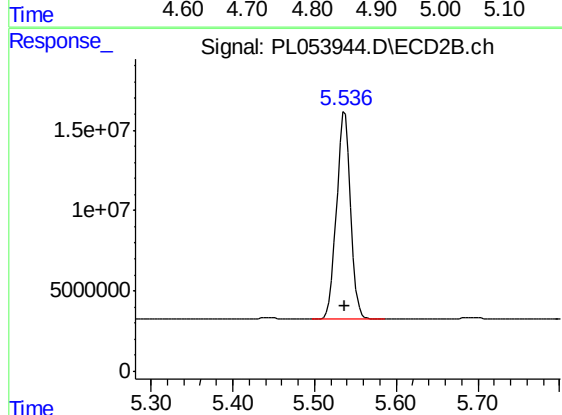
#5 Aldrin

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 787849938
Conc: 55.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

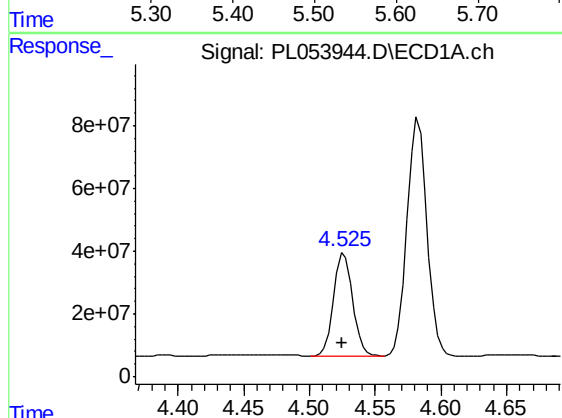
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



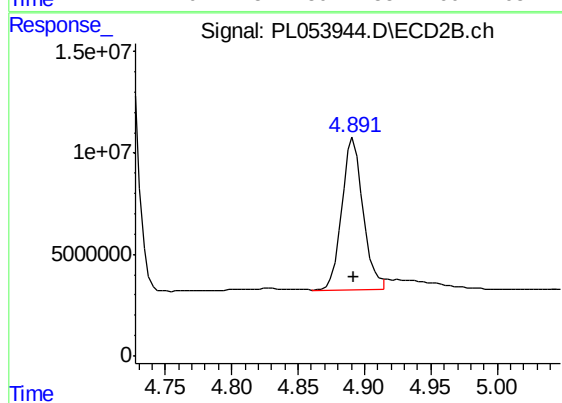
#5 Aldrin

R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 154653658
Conc: 51.87 ng/ml



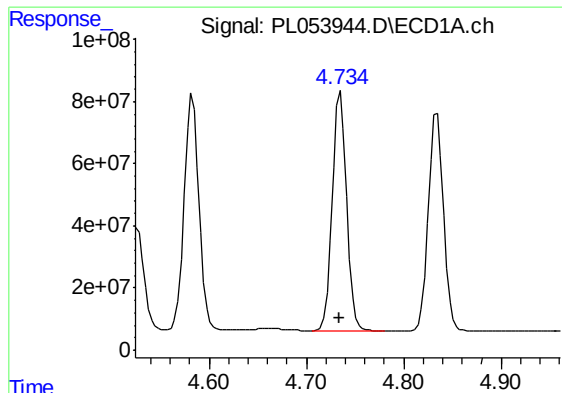
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 332824389
Conc: 50.51 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 83036245
Conc: 53.76 ng/ml m



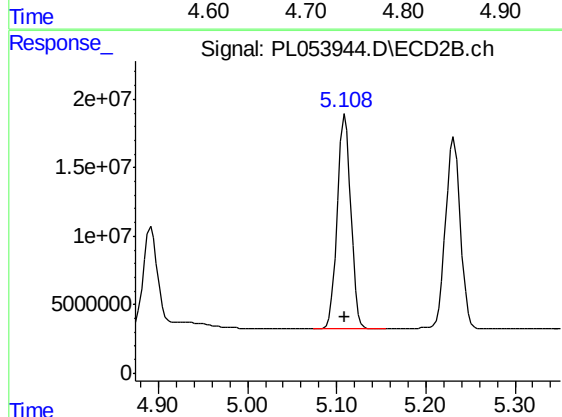
#7 delta-BHC

R.T.: 4.735 min
Delta R.T.: 0.001 min
Response: 791754506
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

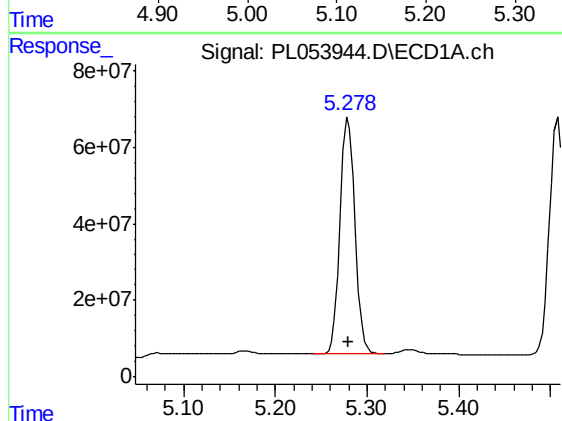
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



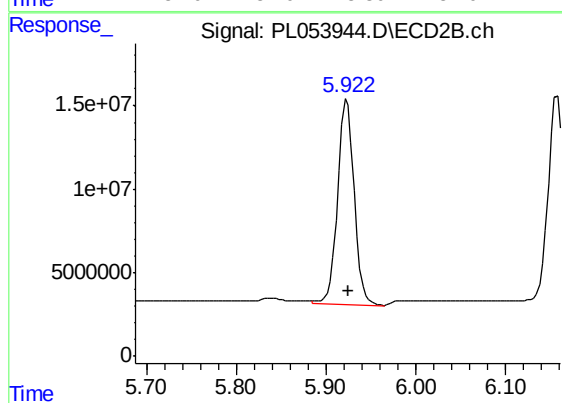
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 165162050
Conc: 54.68 ng/ml



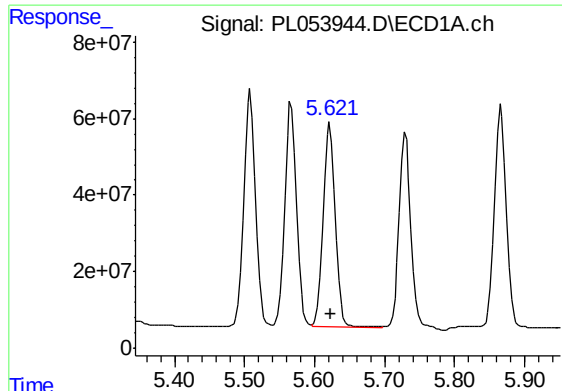
#8 Heptachlor epoxide

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 703698911
Conc: 52.13 ng/ml



#8 Heptachlor epoxide

R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 157935059
Conc: 54.15 ng/ml



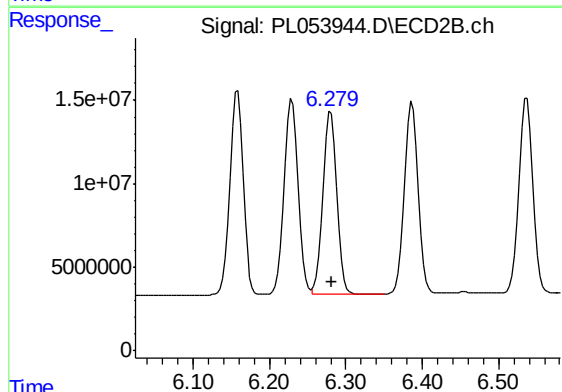
#9 Endosulfan I

R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 642933729
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

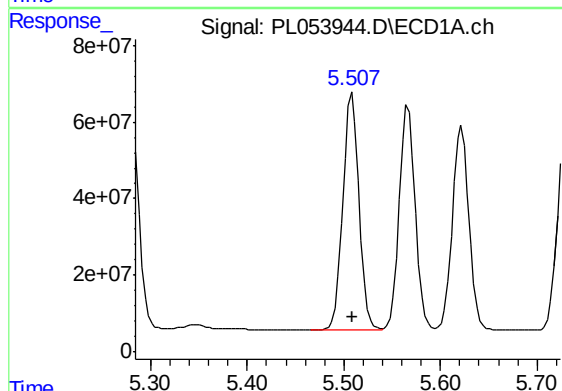
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



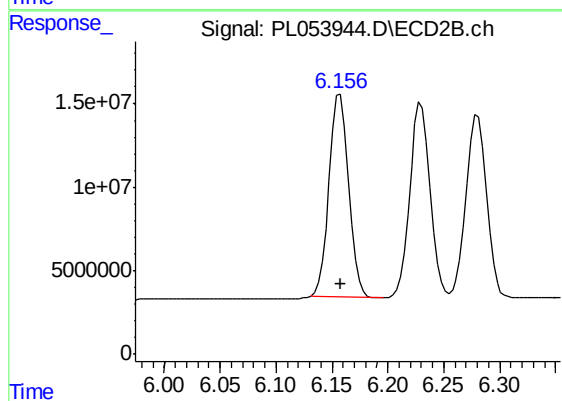
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 138634863
Conc: 51.13 ng/ml



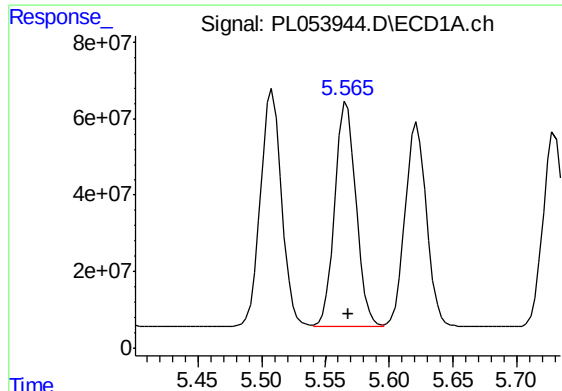
#10 gamma-Chlordane

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 707660865
Conc: 51.87 ng/ml



#10 gamma-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 148350330
Conc: 50.84 ng/ml



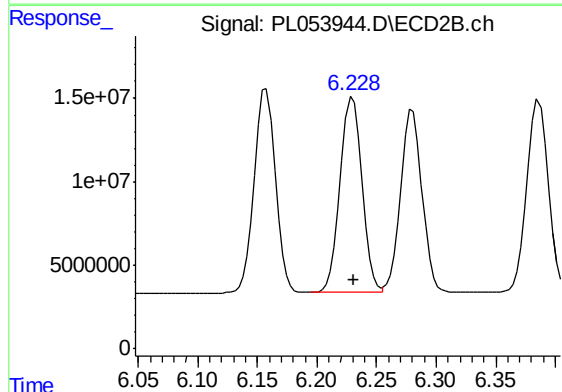
#11 alpha-Chlordane

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 680463034
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

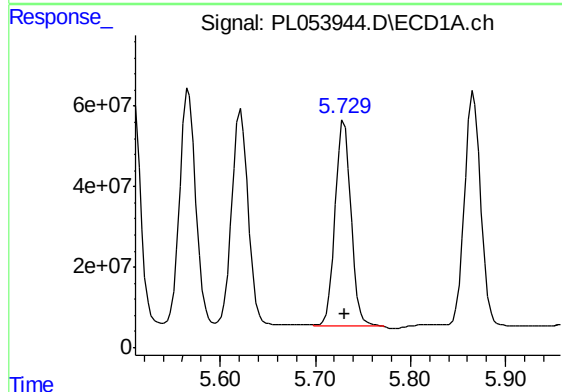
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



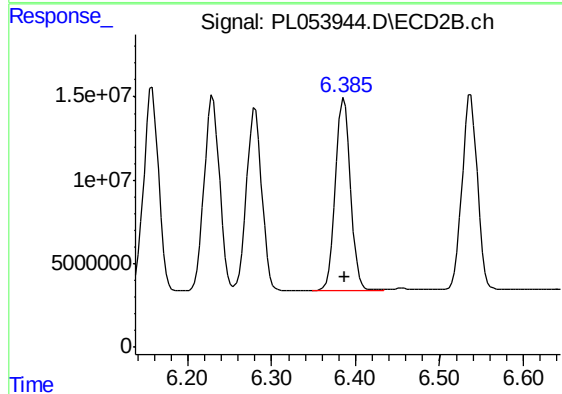
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 149156908
Conc: 51.09 ng/ml



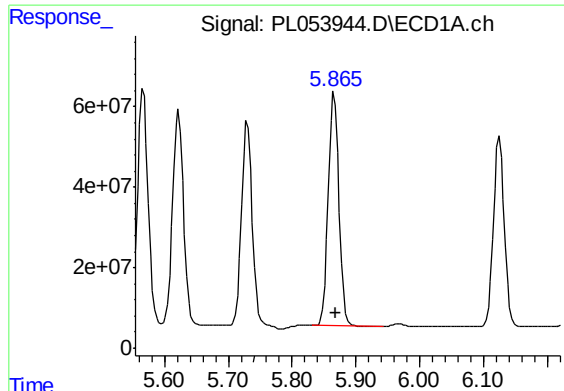
#12 4,4'-DDE

R.T.: 5.730 min
Delta R.T.: 0.000 min
Response: 597211570
Conc: 50.26 ng/ml



#12 4,4'-DDE

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 143828860
Conc: 51.07 ng/ml



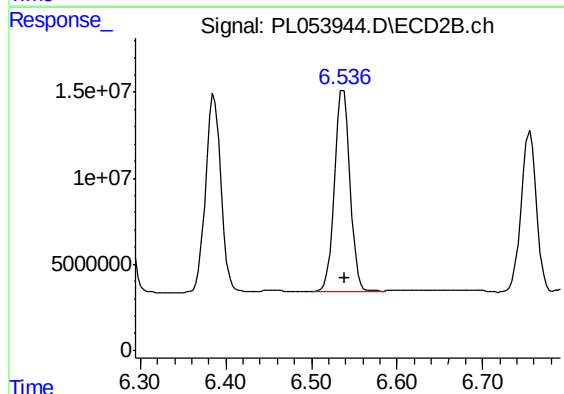
#13 Dieldrin

R.T.: 5.866 min
Delta R.T.: -0.001 min
Response: 673906873
Conc: 51.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

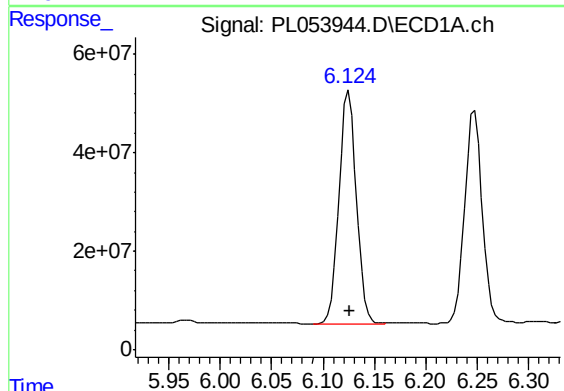
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



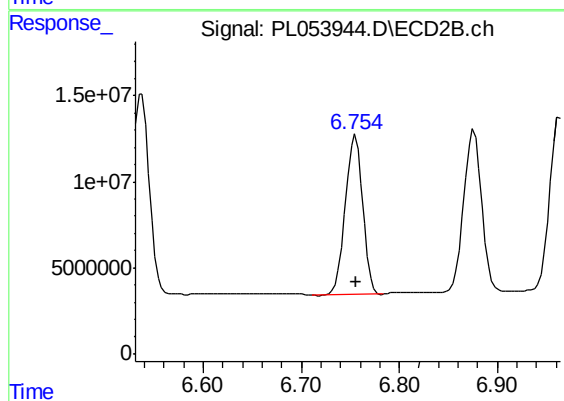
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 146954570
Conc: 51.50 ng/ml



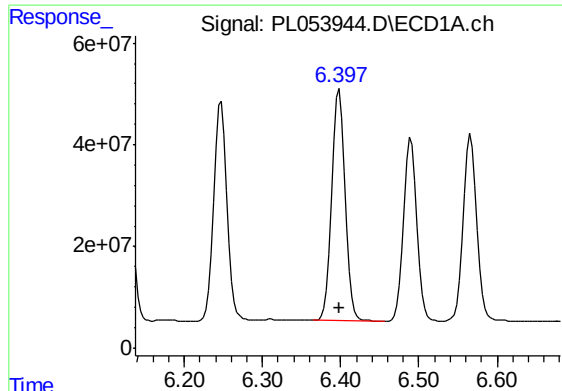
#14 Endrin

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 557536713
Conc: 48.10 ng/ml



#14 Endrin

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 113978053
Conc: 46.96 ng/ml



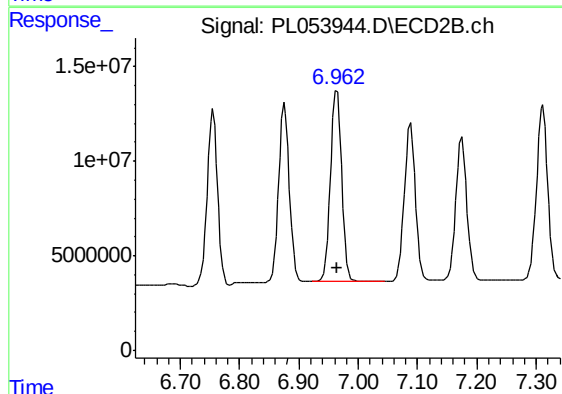
#15 Endosulfan II

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 554438319
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

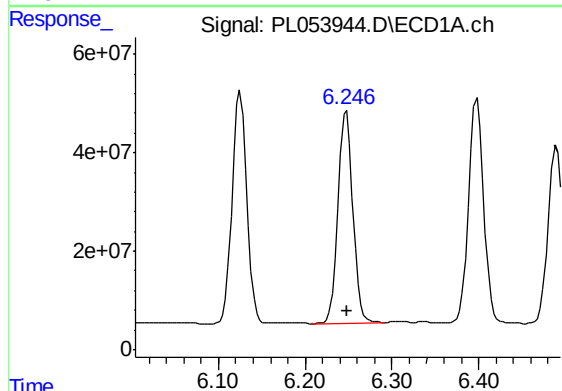
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



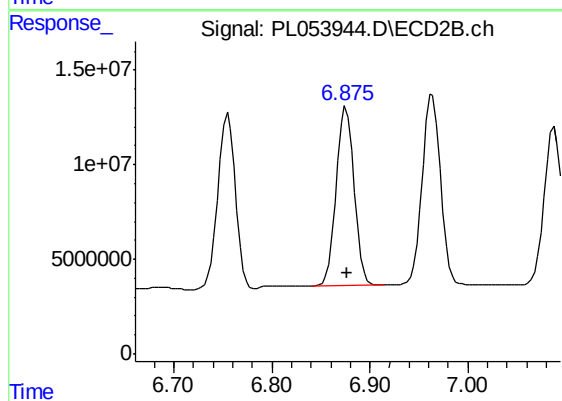
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: -0.001 min
Response: 130510152
Conc: 51.09 ng/ml



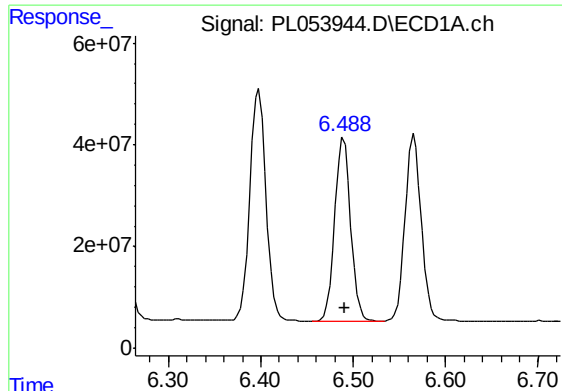
#16 4,4'-DDD

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 513082745
Conc: 57.65 ng/ml



#16 4,4'-DDD

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 119094291
Conc: 57.15 ng/ml



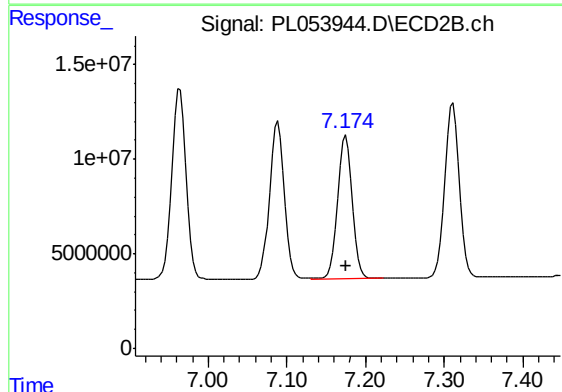
#17 4,4'-DDT

R.T.: 6.490 min
Delta R.T.: -0.001 min
Response: 432613304
Conc: 43.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

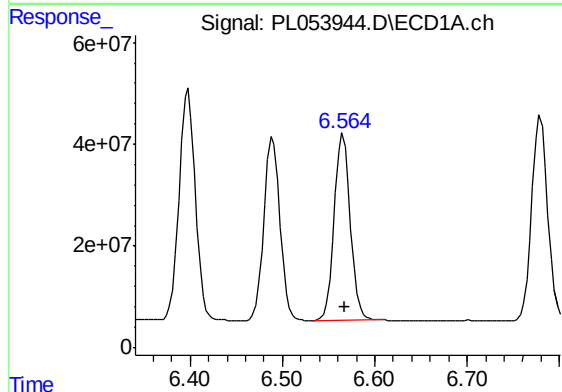
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



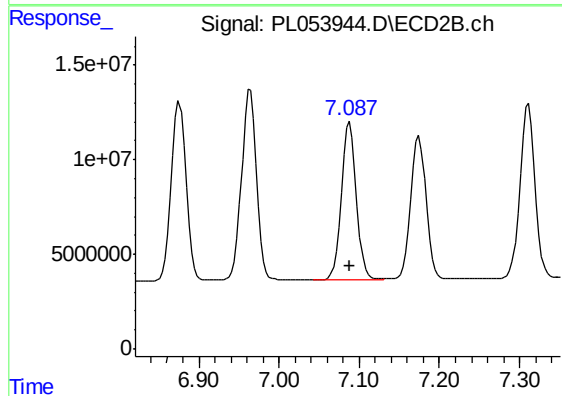
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 99480200
Conc: 43.02 ng/ml



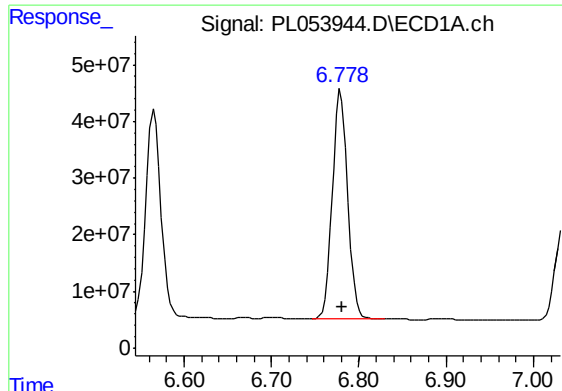
#18 Endrin aldehyde

R.T.: 6.566 min
Delta R.T.: -0.001 min
Response: 443953564
Conc: 48.42 ng/ml



#18 Endrin aldehyde

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 108751473
Conc: 49.51 ng/ml



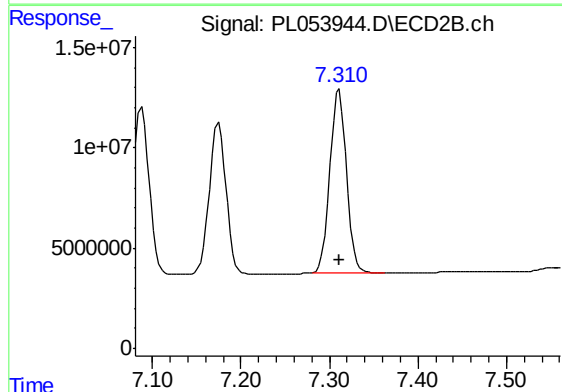
#19 Endosulfan Sulfate

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 492108252
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

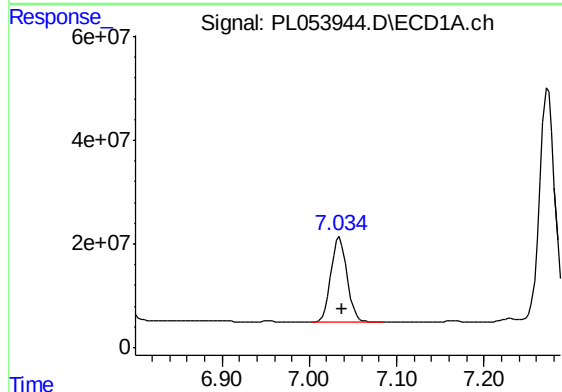
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



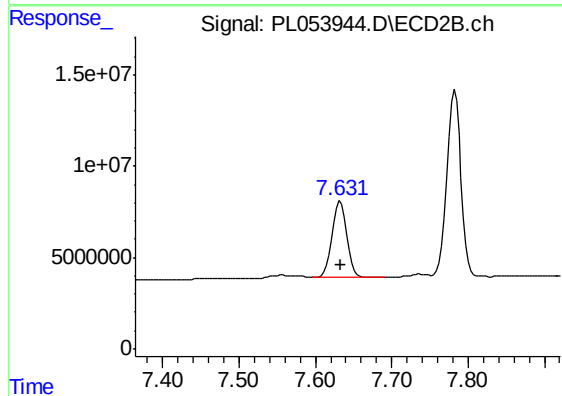
#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 120304601
Conc: 49.03 ng/ml



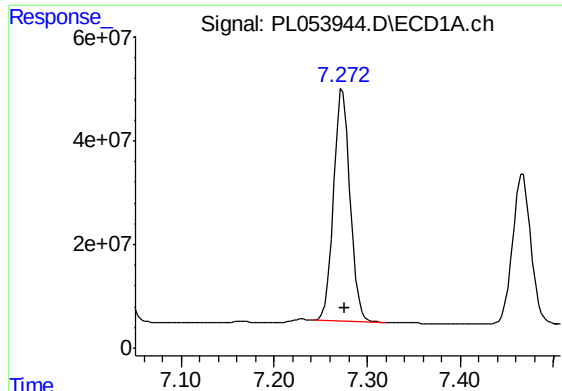
#20 Methoxychlor

R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 211605331
Conc: 42.92 ng/ml



#20 Methoxychlor

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 55395586
Conc: 42.65 ng/ml



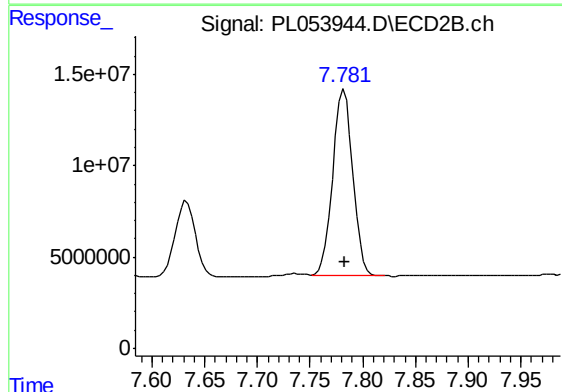
#21 Endrin ketone

R.T.: 7.274 min
Delta R.T.: -0.002 min
Response: 547709750
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

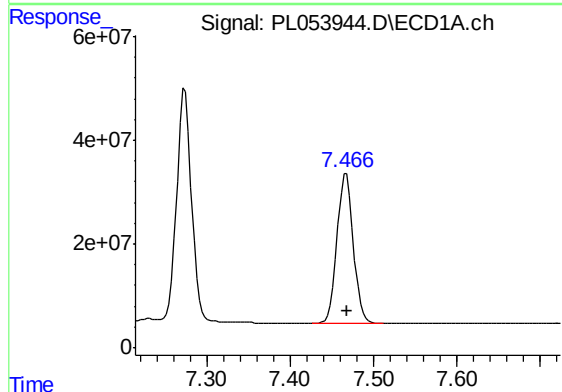
Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



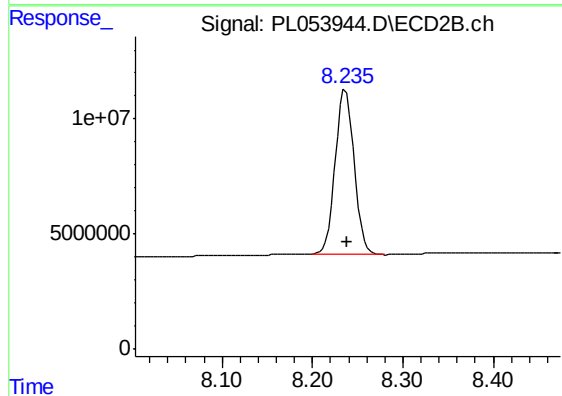
#21 Endrin ketone

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 134156616
Conc: 52.03 ng/ml



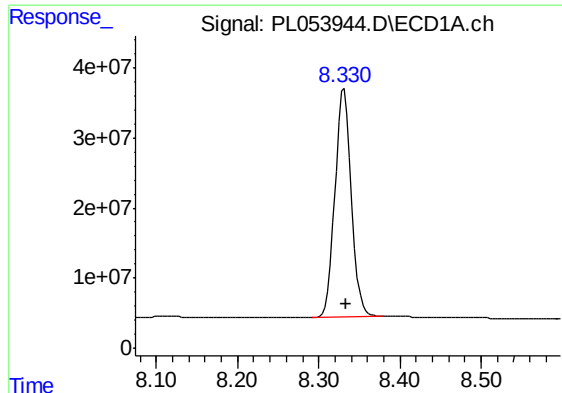
#22 Mirex

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 394529963
Conc: 46.13 ng/ml



#22 Mirex

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 103368650
Conc: 51.10 ng/ml



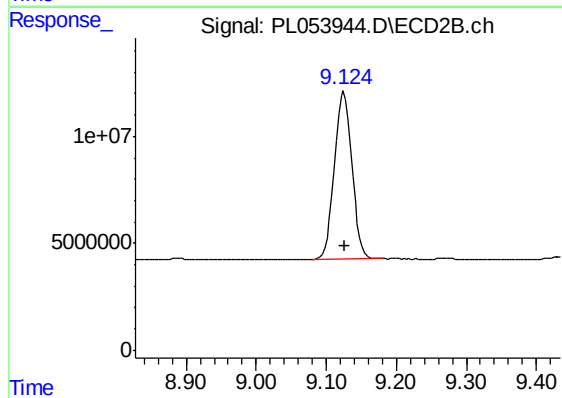
#28 Decachlorobiphenyl

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 457981528
Conc: 46.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Ankita
11/1/2019 11:42:04 AM



#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: 0.000 min
Response: 136499582
Conc: 48.47 ng/ml