

Data Path : P:\HPCHEM1\ECD L\Data\PL012918\
 Data File : PL032623.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Jan 2018 13:05
 Operator : UA\AJ
 Sample : PB106063BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB106063BS

Manual Integrations
 APPROVED

ugo
 1/30/2018 2:52:25 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 23:25:59 2018
 Quant Method : P:\HPCHEM1\ECD_L\methods\PL012618.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 27 04:03:48 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.408	3.992	158.4E6	23448361	17.713	18.724
28) SA Decachlor...	8.112	9.025	203.7E6	35836418	17.506	18.841
Target Compounds						
2) A alpha-BHC	3.845	4.372	731.2E6	122.4E6	51.969	52.863
3) MA gamma-BHC...	4.126	4.652	669.9E6	114.3E6	51.883	53.226
4) MA Heptachlor	4.415	5.168	673.2E6	106.9E6	50.855	51.193
5) MB Aldrin	4.657	5.471	662.8E6	109.6E6	51.567	52.334
6) B beta-BHC	4.377	4.813	292.0E6	48951354	51.120	51.290
7) B delta-BHC	4.576	5.029	711.8E6	117.9E6	53.322	53.037
8) B Heptachlo...	5.098	5.850	627.6E6	99719257	53.029	55.775
9) A Endosulfan I	5.431	6.204	596.8E6	95243619	52.281	52.784
10) B gamma-Chl...	5.320	6.084	661.9E6	104.2E6	51.285	53.426
11) B alpha-Chl...	5.379	6.158	639.4E6	100.3E6	51.390	52.896
12) B 4,4'-DDE	5.544	6.313	652.3E6	100.4E6	51.343m	52.666
13) MA Dieldrin	5.673	6.457	669.4E6	101.0E6	52.287	52.856
14) MA Endrin	5.928	6.671	559.3E6	83901076	47.890	49.752
15) B Endosulfa...	6.201	6.873	596.6E6	91215708	50.853	51.806
16) A 4,4'-DDD	6.058	6.794	566.0E6	77098229	53.799	54.058
17) MA 4,4'-DDT	6.295	7.094	519.1E6	67842181	49.109	50.879
18) B Endrin al...	6.370	6.996	498.2E6	78411990	50.442	52.953
19) B Endosulfa...	6.581	7.219	553.5E6	85154460	49.964	52.800
20) A Methoxychlor	6.843	7.550	275.1E6	40730879	47.348	49.970
21) B Endrin ke...	7.068	7.683	668.7E6	97631688	53.387	54.061

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

Data Path : P:\HPCHEM1\ECD L\Data\PL012918\
Data File : PL032623.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Jan 2018 13:05
Operator : UA\AJ
Sample : PB106063BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

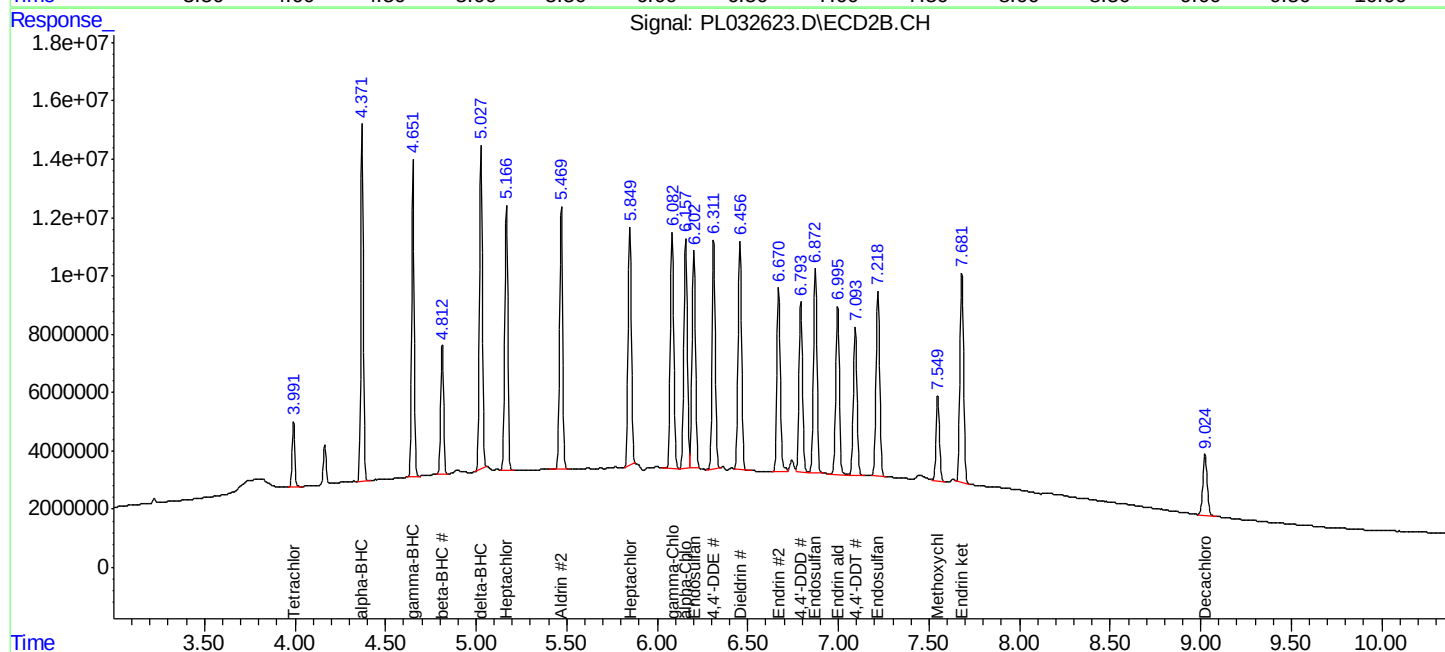
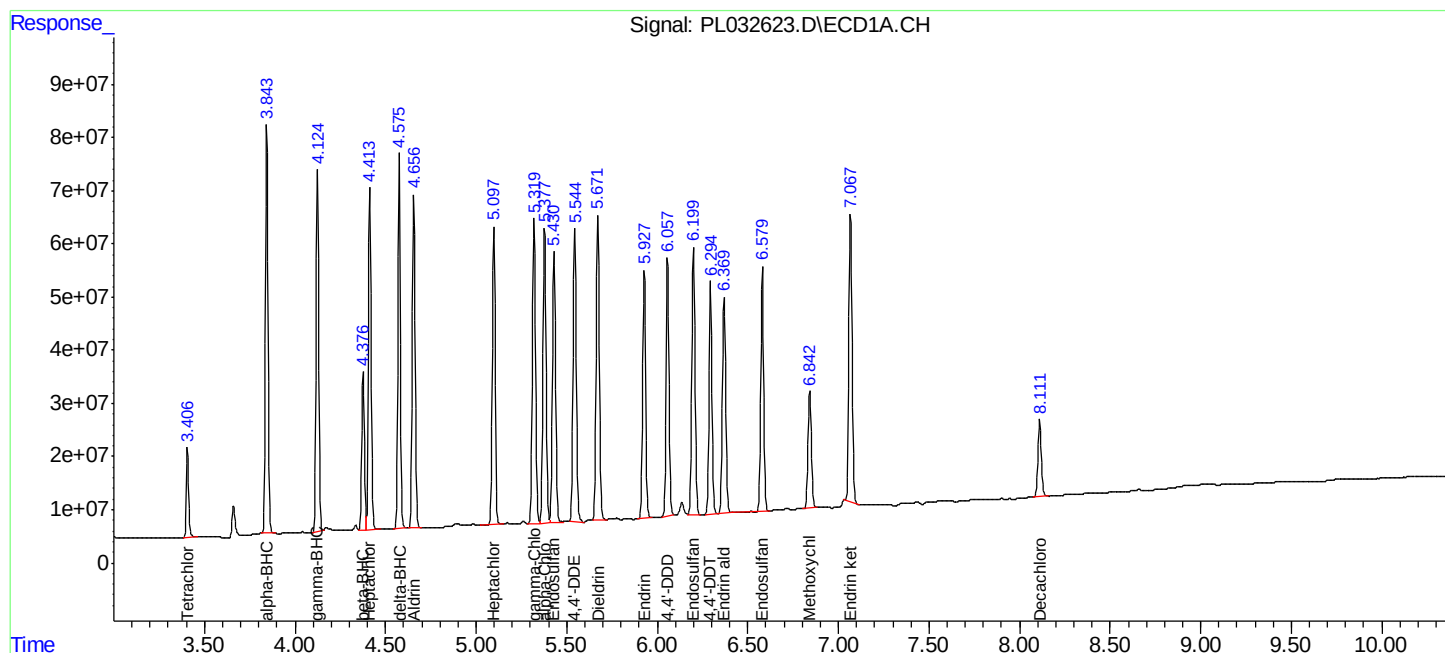
Instrument :
ECD_L
ClientSampleId :
PB106063BS

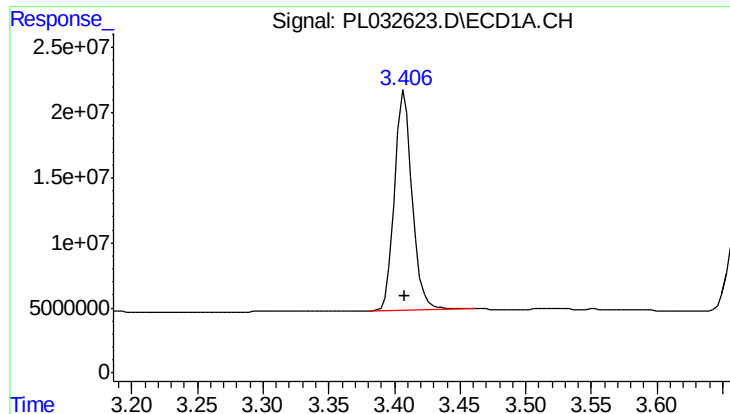
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 23:25:59 2018
Quant Method : P:\HPCHEM1\ECD_L\methods\PL012618.M
Quant Title : GC Extractables
QLast Update : Sat Jan 27 04:03:48 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





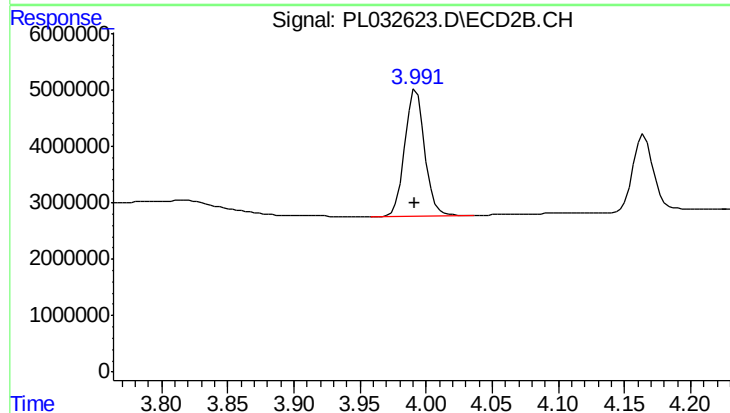
#1 Tetrachloro-m-xylene

R.T.: 3.408 min
Delta R.T.: 0.000 min
Response: 158356650
Conc: 17.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB106063BS

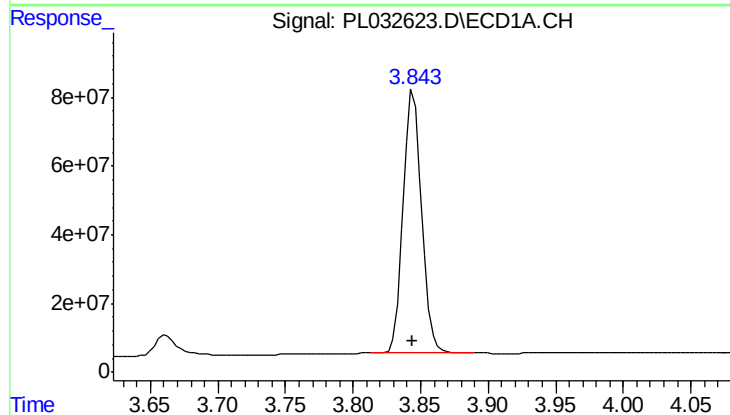
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM



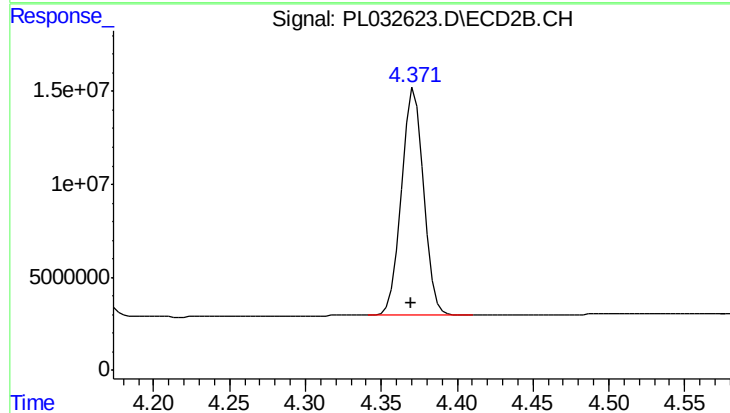
#1 Tetrachloro-m-xylene

R.T.: 3.992 min
Delta R.T.: 0.001 min
Response: 23448361
Conc: 18.72 ng/ml



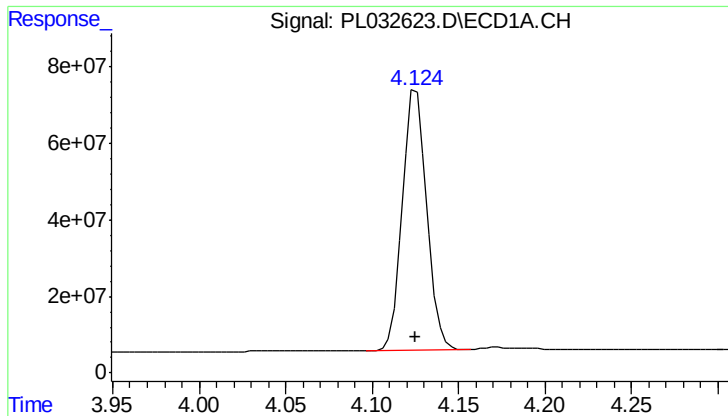
#2 alpha-BHC

R.T.: 3.845 min
Delta R.T.: 0.000 min
Response: 731231043
Conc: 51.97 ng/ml



#2 alpha-BHC

R.T.: 4.372 min
Delta R.T.: 0.002 min
Response: 122449408
Conc: 52.86 ng/ml



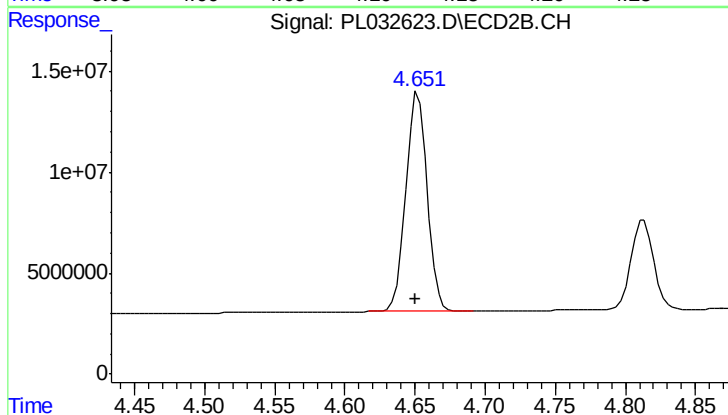
#3 gamma-BHC (Lindane)

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 669908485
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB106063BS

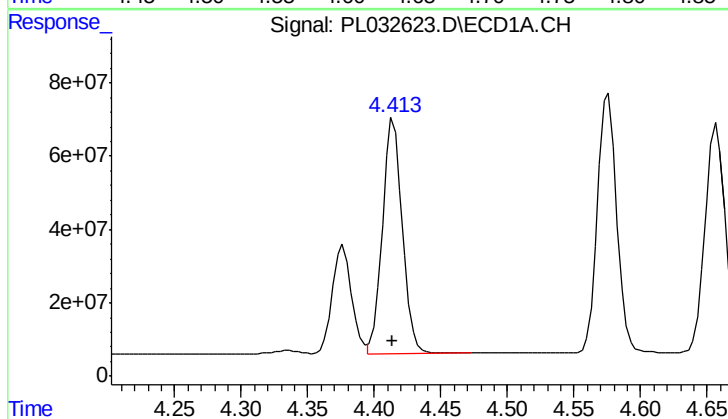
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM



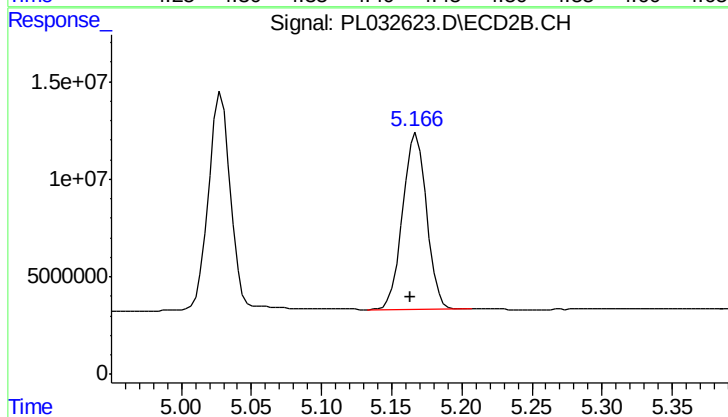
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.002 min
Response: 114334624
Conc: 53.23 ng/ml



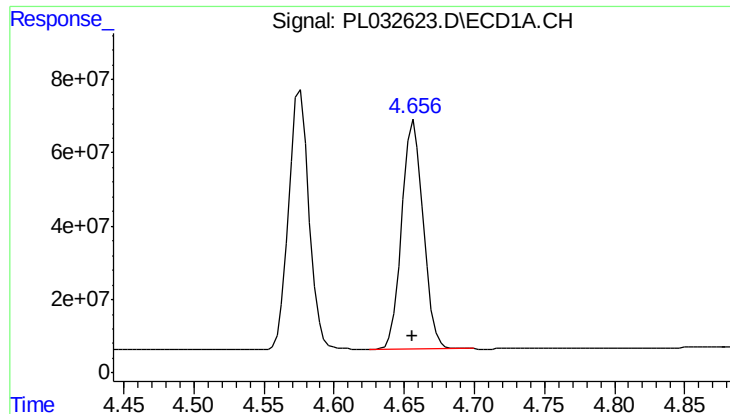
#4 Heptachlor

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 673183291
Conc: 50.85 ng/ml



#4 Heptachlor

R.T.: 5.168 min
Delta R.T.: 0.004 min
Response: 106878319
Conc: 51.19 ng/ml



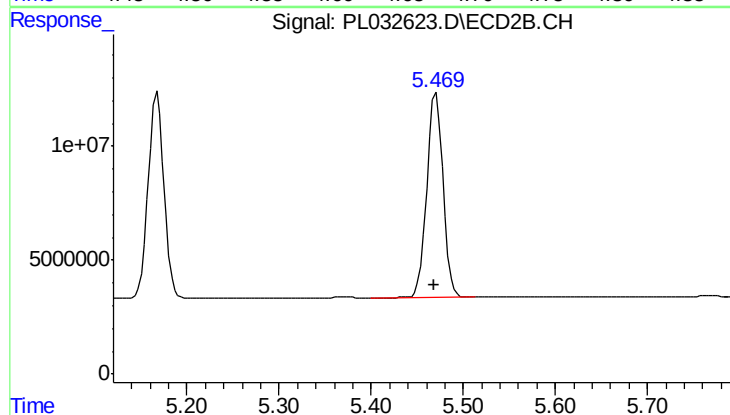
#5 Aldrin

R.T.: 4.657 min
Delta R.T.: 0.001 min
Response: 662759237
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB106063BS

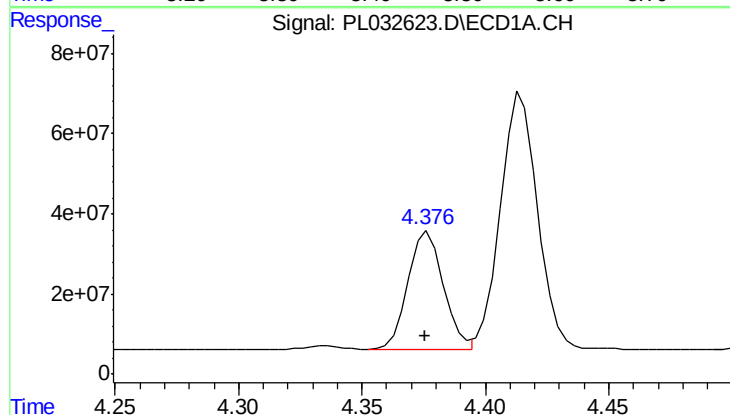
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM



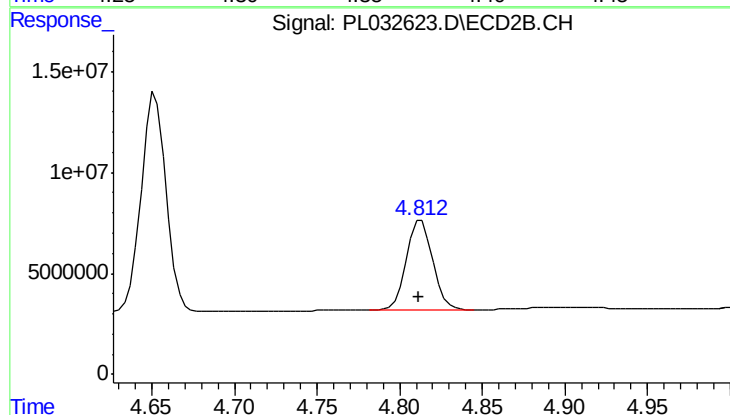
#5 Aldrin

R.T.: 5.471 min
Delta R.T.: 0.003 min
Response: 109590958
Conc: 52.33 ng/ml



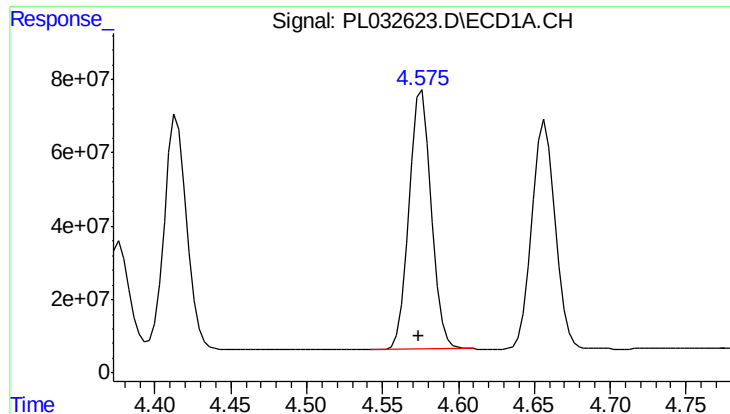
#6 beta-BHC

R.T.: 4.377 min
Delta R.T.: 0.001 min
Response: 291958992
Conc: 51.12 ng/ml



#6 beta-BHC

R.T.: 4.813 min
Delta R.T.: 0.002 min
Response: 48951354
Conc: 51.29 ng/ml



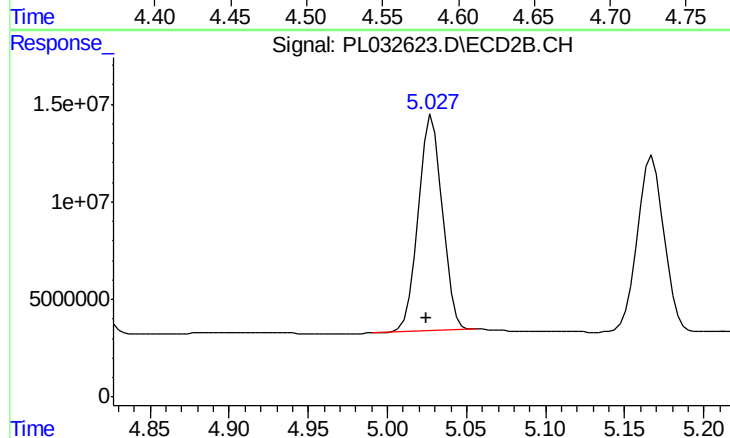
#7 delta-BHC

R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 711750142
Conc: 53.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB106063BS

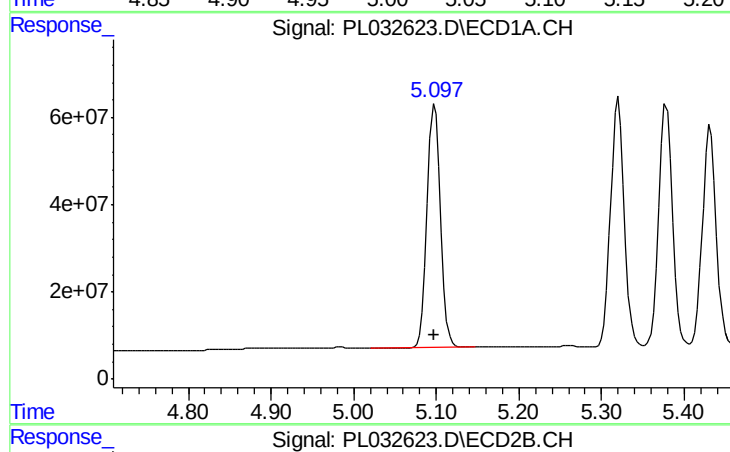
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM



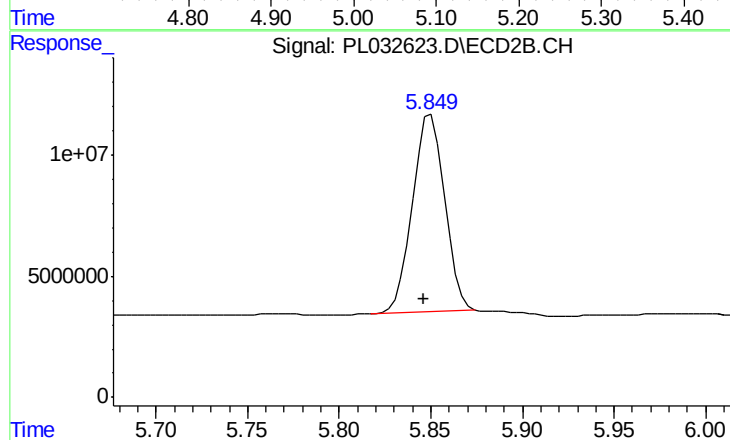
#7 delta-BHC

R.T.: 5.029 min
Delta R.T.: 0.004 min
Response: 117920719
Conc: 53.04 ng/ml



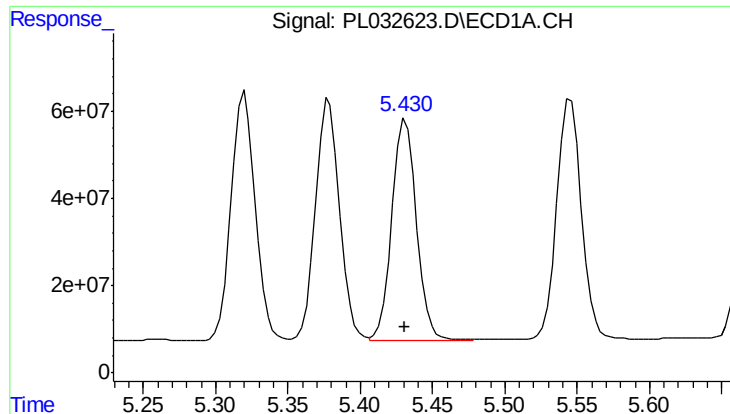
#8 Heptachlor epoxide

R.T.: 5.098 min
Delta R.T.: 0.001 min
Response: 627636148
Conc: 53.03 ng/ml



#8 Heptachlor epoxide

R.T.: 5.850 min
Delta R.T.: 0.004 min
Response: 99719257
Conc: 55.77 ng/ml



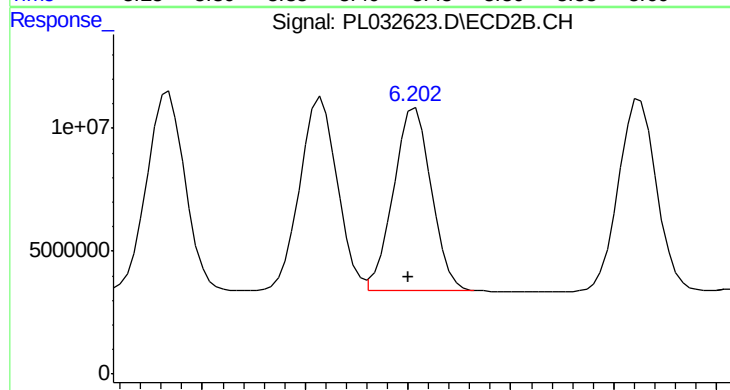
#9 Endosulfan I

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 596754527
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB106063BS

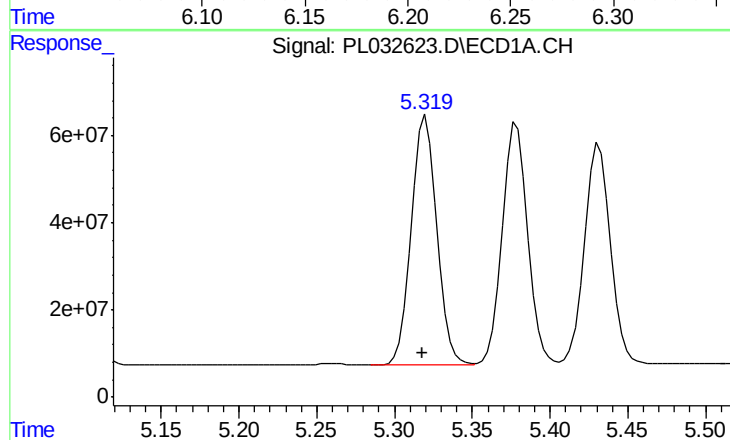
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM



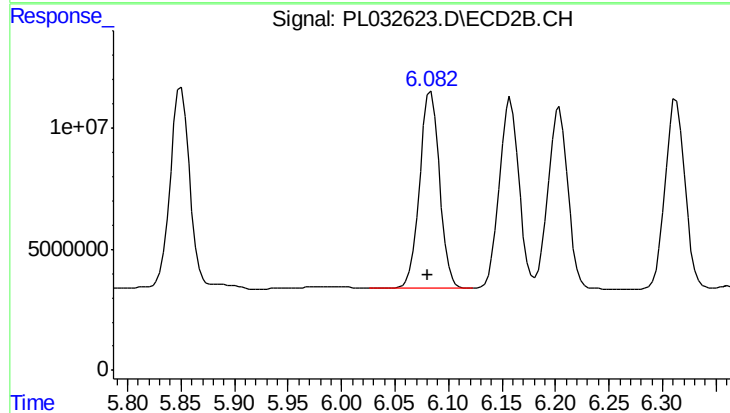
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 95243619
Conc: 52.78 ng/ml



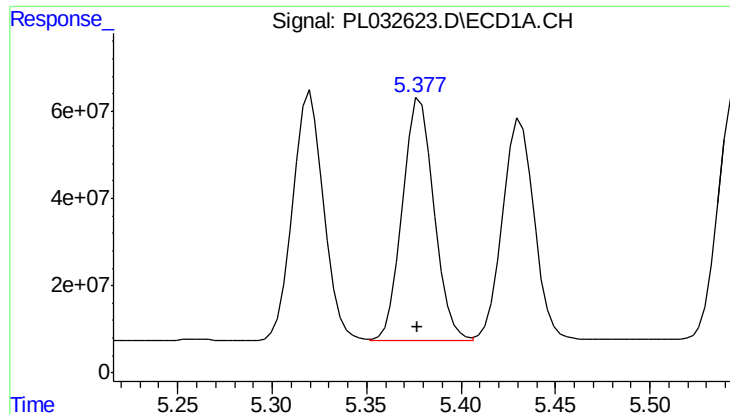
#10 gamma-Chlordane

R.T.: 5.320 min
Delta R.T.: 0.003 min
Response: 661901719
Conc: 51.28 ng/ml



#10 gamma-Chlordane

R.T.: 6.084 min
Delta R.T.: 0.003 min
Response: 104170953
Conc: 53.43 ng/ml



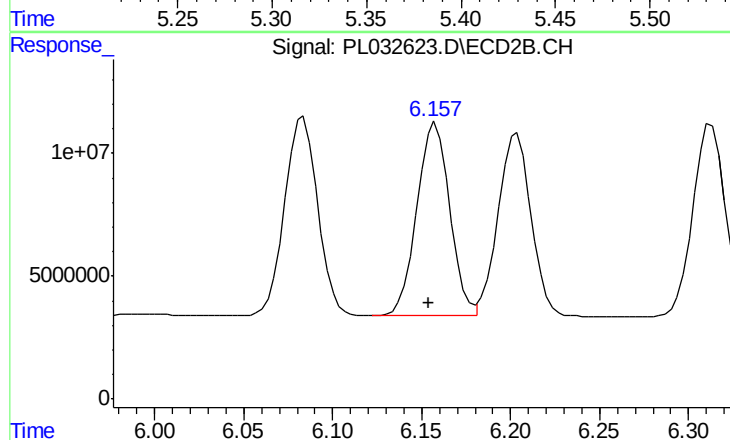
#11 alpha-Chlordane

R.T.: 5.379 min
Delta R.T.: 0.001 min
Response: 639374836
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB106063BS

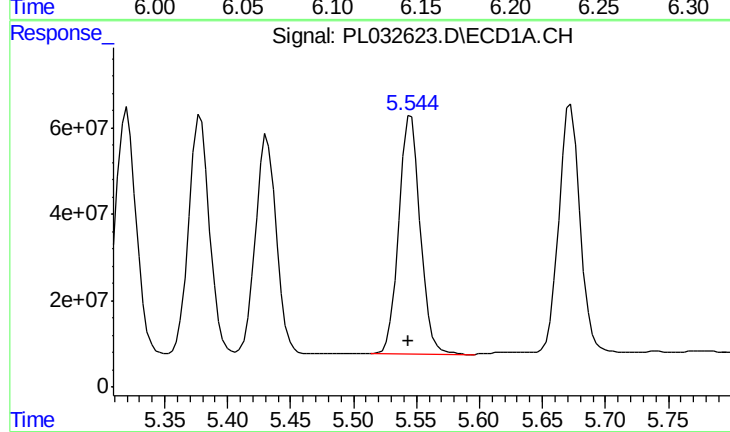
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM



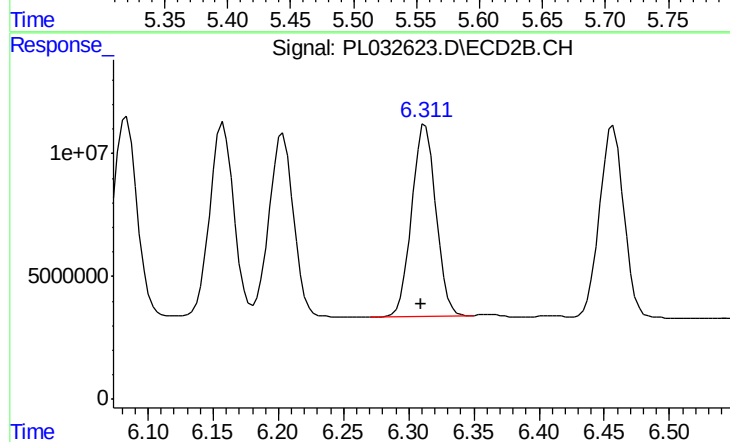
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.004 min
Response: 100256526
Conc: 52.90 ng/ml



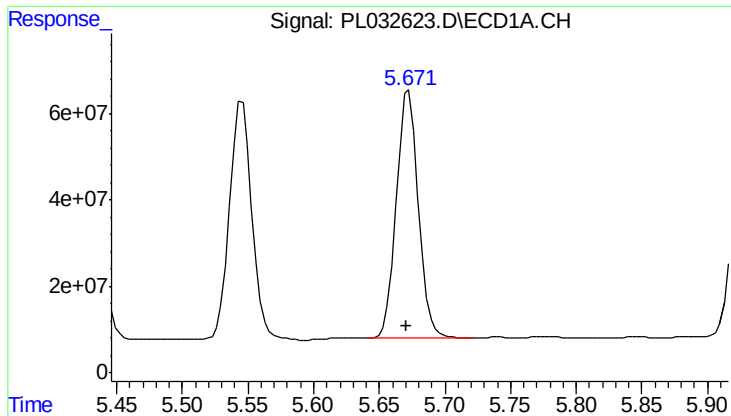
#12 4,4'-DDE

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 652346203
Conc: 51.34 ng/ml m



#12 4,4'-DDE

R.T.: 6.313 min
Delta R.T.: 0.003 min
Response: 100437459
Conc: 52.67 ng/ml



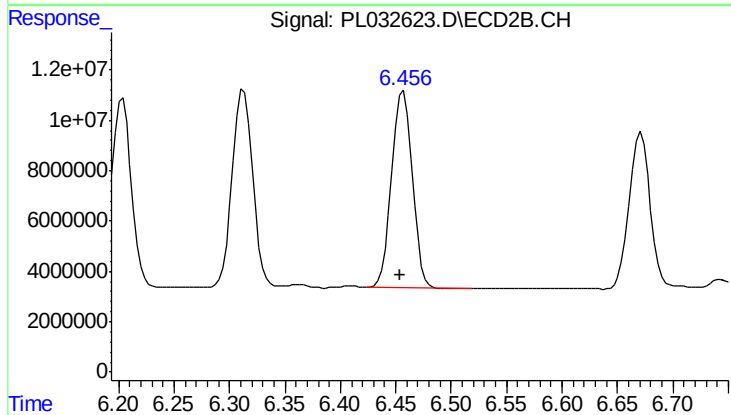
#13 Dieldrin

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 669385858
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB106063BS

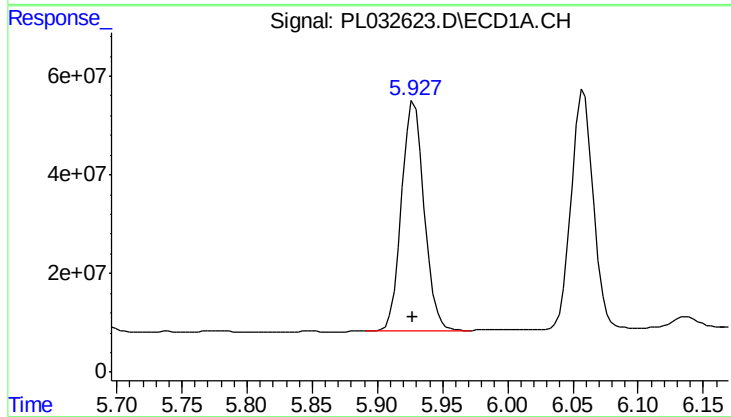
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM



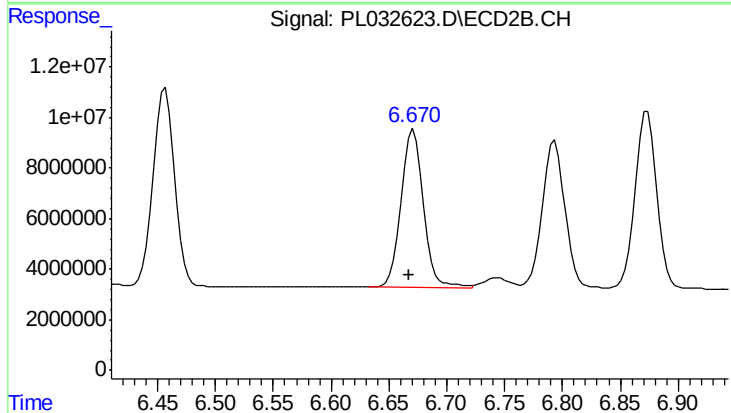
#13 Dieldrin

R.T.: 6.457 min
Delta R.T.: 0.004 min
Response: 101010665
Conc: 52.86 ng/ml



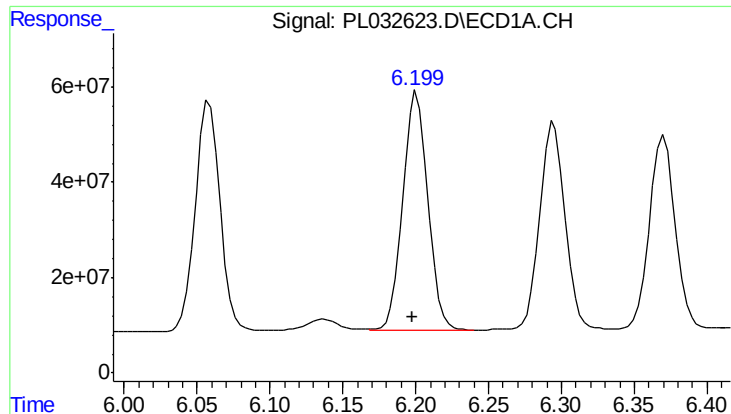
#14 Endrin

R.T.: 5.928 min
Delta R.T.: 0.001 min
Response: 559275891
Conc: 47.89 ng/ml



#14 Endrin

R.T.: 6.671 min
Delta R.T.: 0.003 min
Response: 83901076
Conc: 49.75 ng/ml



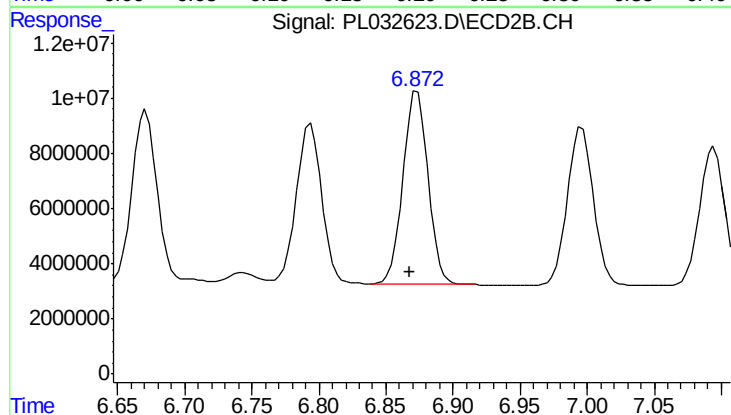
#15 Endosulfan II

R.T.: 6.201 min
Delta R.T.: 0.003 min
Response: 596645991
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB106063BS

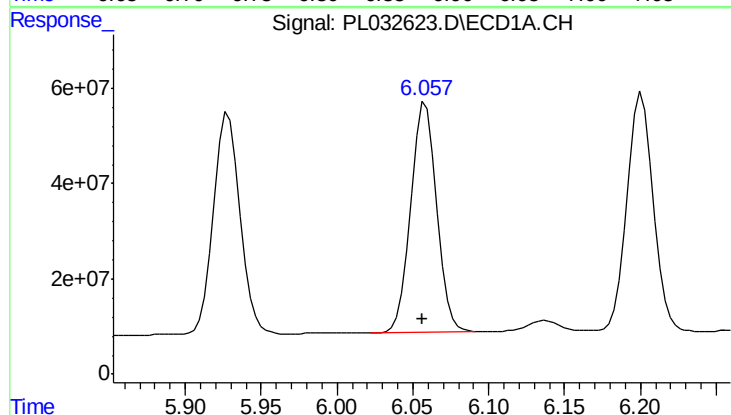
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM



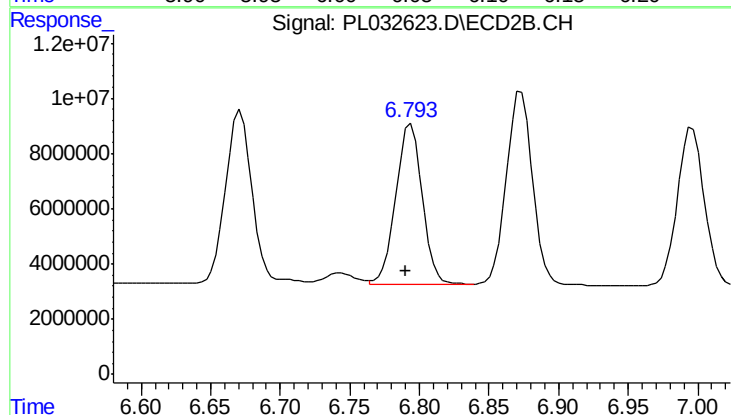
#15 Endosulfan II

R.T.: 6.873 min
Delta R.T.: 0.006 min
Response: 91215708
Conc: 51.81 ng/ml



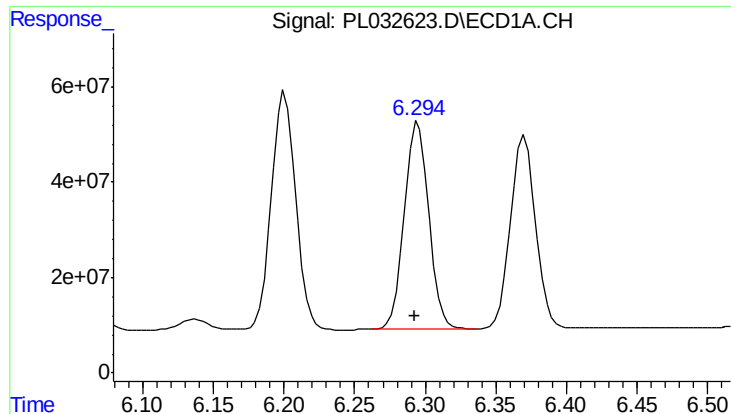
#16 4,4'-DDD

R.T.: 6.058 min
Delta R.T.: 0.002 min
Response: 566043826
Conc: 53.80 ng/ml



#16 4,4'-DDD

R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 77098229
Conc: 54.06 ng/ml



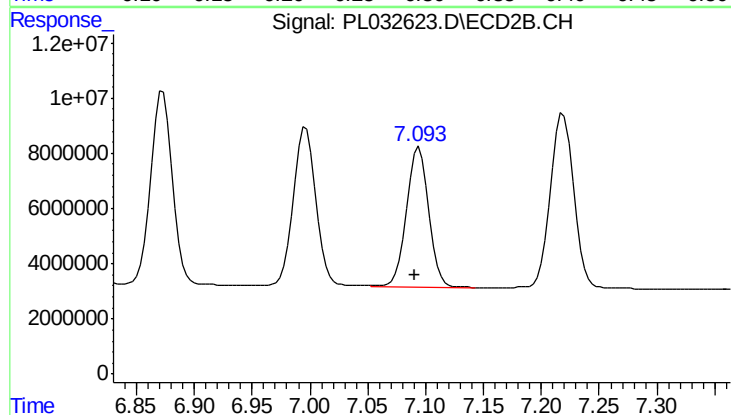
#17 4,4'-DDT

R.T.: 6.295 min
Delta R.T.: 0.002 min
Response: 519127886
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB106063BS

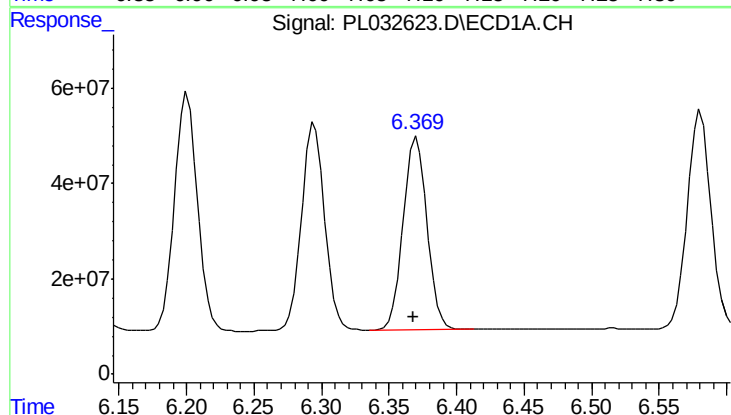
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM



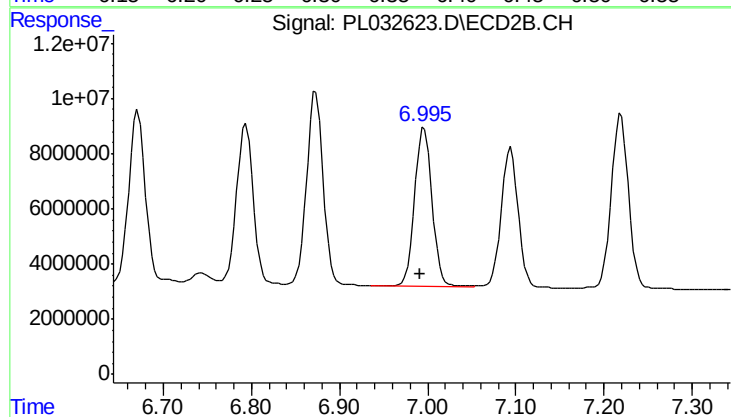
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.004 min
Response: 67842181
Conc: 50.88 ng/ml



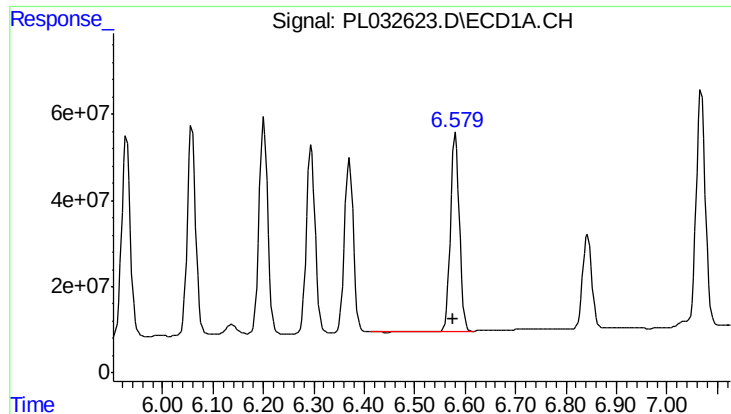
#18 Endrin aldehyde

R.T.: 6.370 min
Delta R.T.: 0.002 min
Response: 498187153
Conc: 50.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.996 min
Delta R.T.: 0.004 min
Response: 78411990
Conc: 52.95 ng/ml



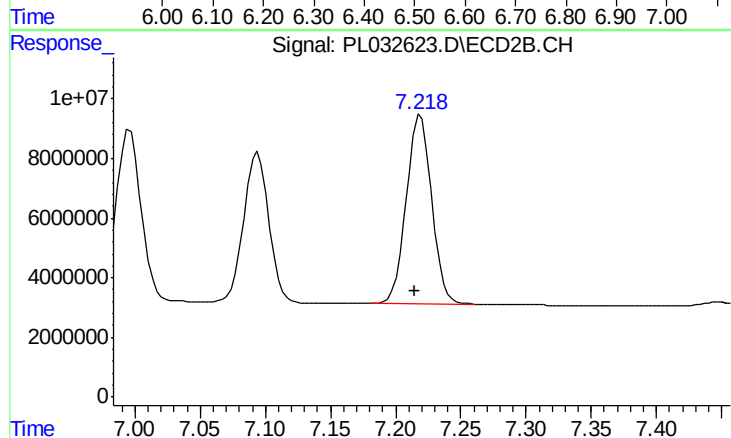
#19 Endosulfan Sulfate

R.T.: 6.581 min
Delta R.T.: 0.004 min
Response: 553453694
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB106063BS

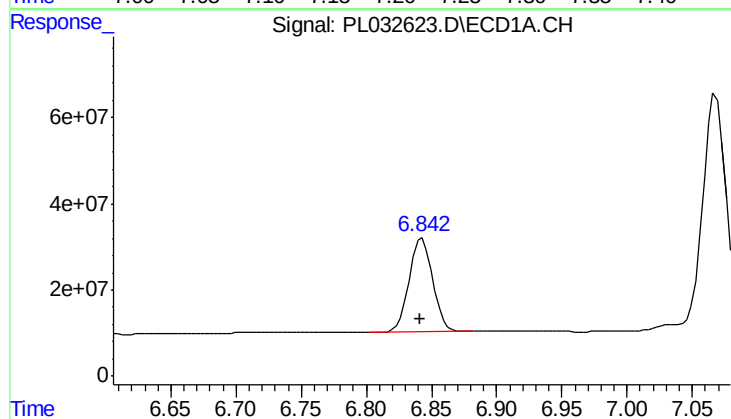
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM



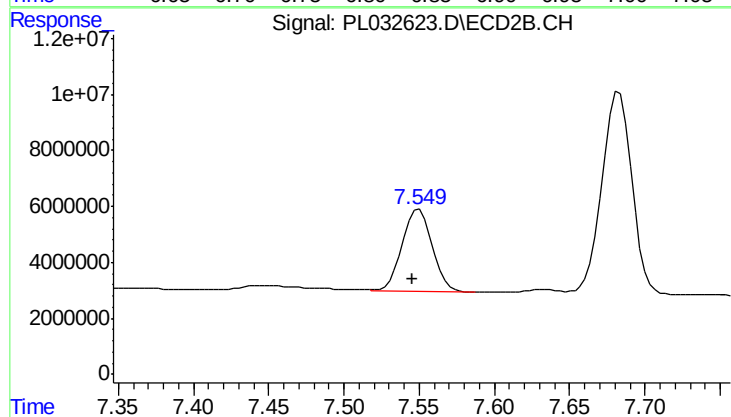
#19 Endosulfan Sulfate

R.T.: 7.219 min
Delta R.T.: 0.004 min
Response: 85154460
Conc: 52.80 ng/ml



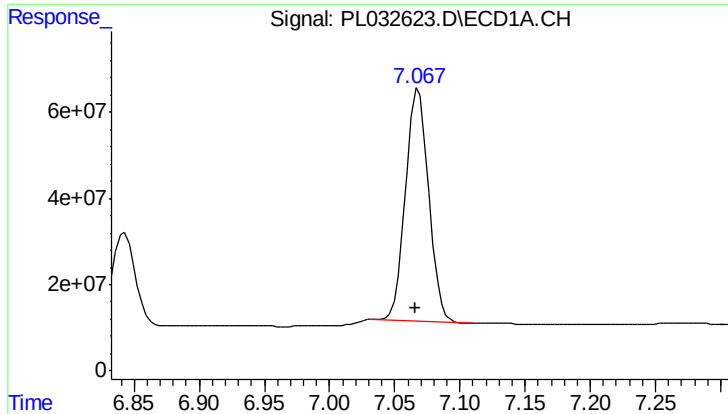
#20 Methoxychlor

R.T.: 6.843 min
Delta R.T.: 0.001 min
Response: 275099729
Conc: 47.35 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.005 min
Response: 40730879
Conc: 49.97 ng/ml



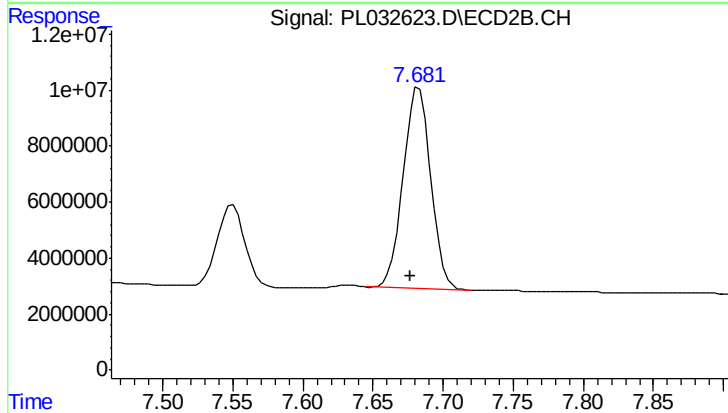
#21 Endrin ketone

R.T.: 7.068 min
Delta R.T.: 0.002 min
Response: 668697317
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB106063BS

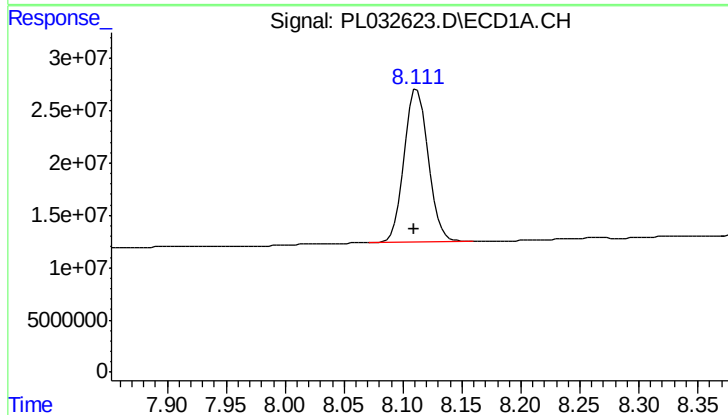
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:25 PM



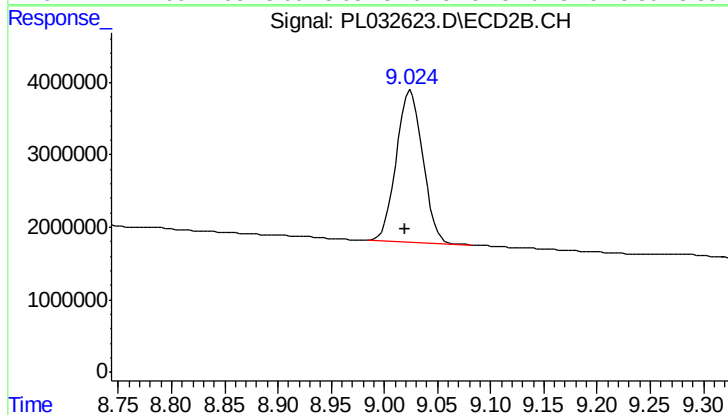
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.006 min
Response: 97631688
Conc: 54.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.112 min
Delta R.T.: 0.002 min
Response: 203688040
Conc: 17.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.006 min
Response: 35836418
Conc: 18.84 ng/ml