

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031219\
 Data File : PL045743.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2019 15:29
 Operator : AJ\SJ
 Sample : K1692-02MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OK-01-030819MSD

Manual Integrations
 APPROVED

Sohil
 3/13/2019 9:36:49 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 01:18:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 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...	3.363	3.981	147.7E6	46465120	21.473	21.697
28)	SA Decachlor...	8.044	9.037	156.1E6	47137814	18.658	20.630
Target Compounds							
2)	A alpha-BHC	3.792	4.371	639.2E6	176.0E6	57.545	57.929
3)	MA gamma-BHC...	4.070	4.655	590.2E6	162.8E6	58.392	57.619
4)	MA Heptachlor	4.357	5.162	610.4E6	169.3E6	57.846	56.894
5)	MB Aldrin	4.598	5.466	560.7E6	152.2E6	57.647	56.362
6)	B beta-BHC	4.322	4.827	242.2E6	72369651	56.507	56.986
7)	B delta-BHC	4.519	5.043	573.4E6	123.7E6	59.989	57.492
8)	B Heptachlor...	5.035	5.851	528.4E6	133.9E6	56.613	55.728m
9)	A Endosulfan I	5.367	6.209	502.1E6	135.7E6	56.171	54.484
10)	B gamma-Chl...	5.259	6.086	553.9E6	147.4E6	56.597	54.948
11)	B alpha-Chl...	5.315	6.159	535.5E6	146.7E6	55.224	54.368
12)	B 4,4'-DDE	5.480	6.317	506.8E6	129.2E6	57.737m	55.294
13)	MA Dieldrin	5.607	6.465	548.2E6	142.3E6	57.352	55.387
14)	MA Endrin	5.861	6.681	524.3E6	122.2E6	58.214	53.725m
15)	B Endosulfa...	6.135	6.893	470.4E6	123.3E6	54.269	52.411
16)	A 4,4'-DDD	5.993	6.806	424.6E6	108.9E6	57.985	56.635
17)	MA 4,4'-DDT	6.229	7.105	400.7E6	105.8E6	53.430	53.619
18)	B Endrin al...	6.302	7.017	390.1E6	107.6E6	53.362	52.624
19)	B Endosulfa...	6.513	7.239	430.6E6	118.9E6	52.981	52.842
20)	A Methoxychlor	6.774	7.561	218.0E6	72187276	49.637	58.812m
21)	B Endrin ke...	6.995	7.709	541.6E6	124.7E6	58.786m	52.410
22)	Mirex	7.173	8.162	347.2E6	98081034	46.664	49.245

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031219\
Data File : PL045743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2019 15:29
Operator : AJ\SJ
Sample : K1692-02MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

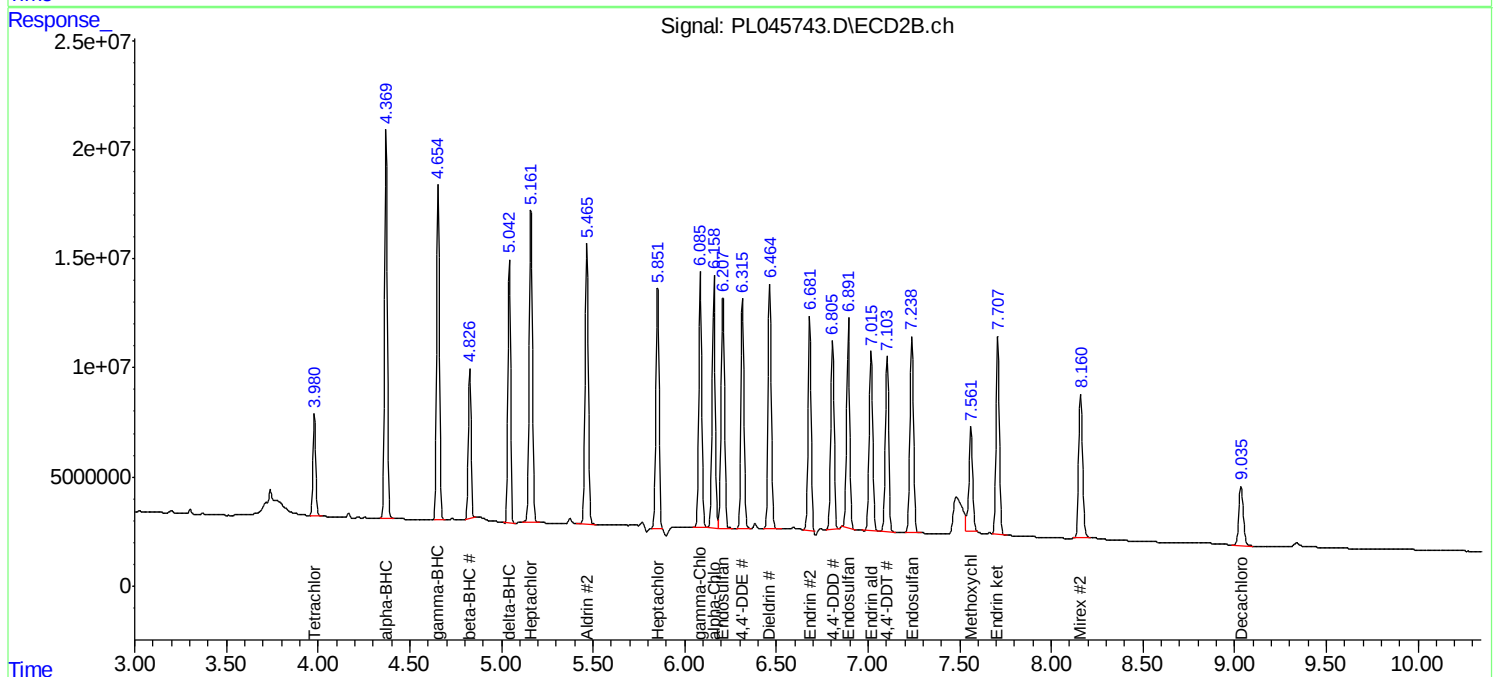
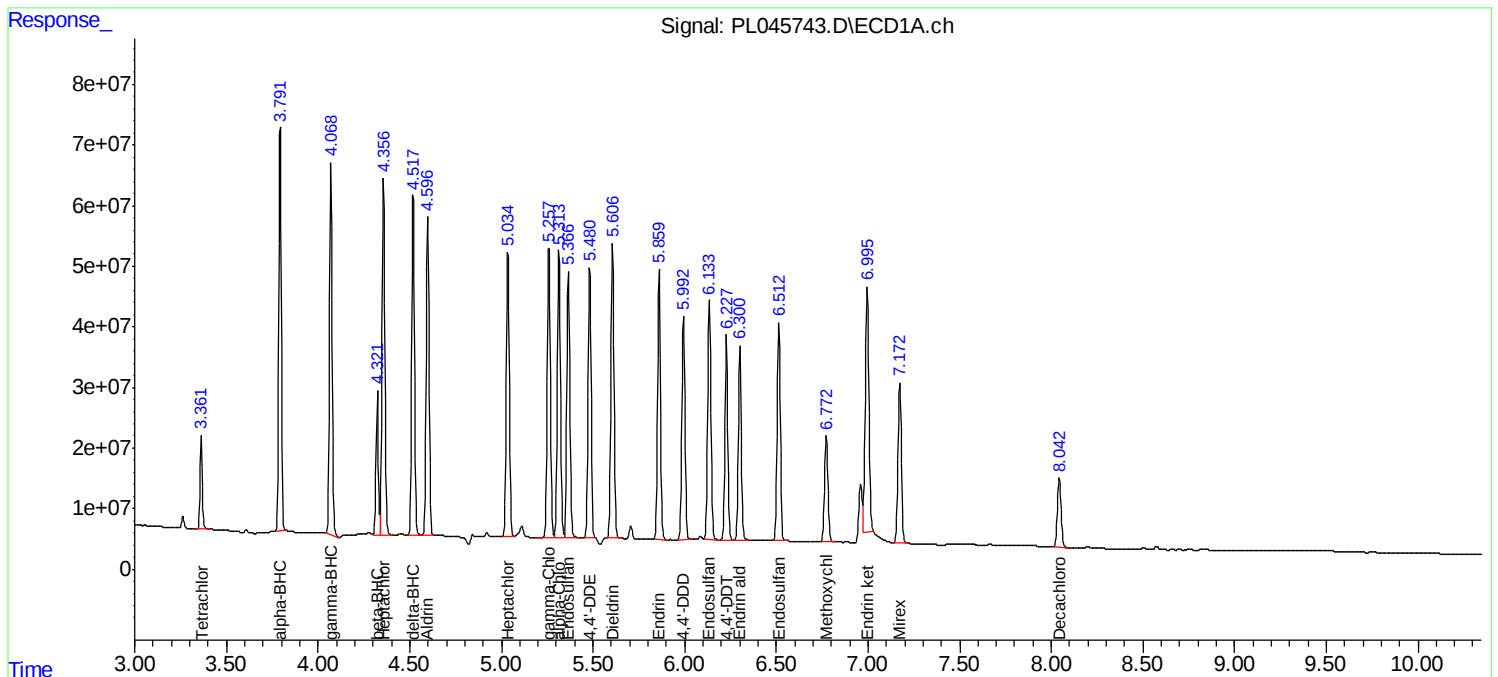
Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

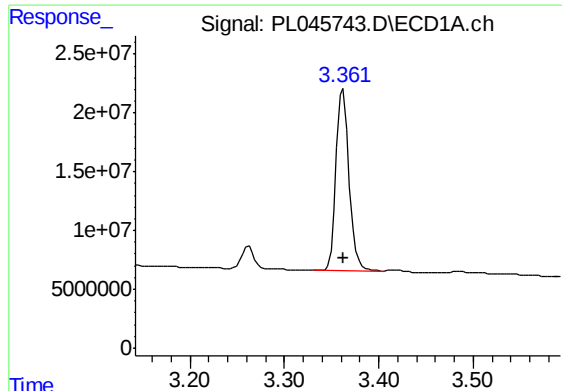
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 01:18:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 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





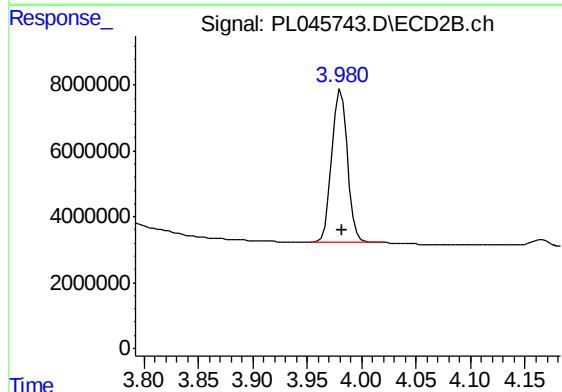
#1 Tetrachloro-m-xylene

R.T.: 3.363 min
Delta R.T.: 0.000 min
Response: 147720633
Conc: 21.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

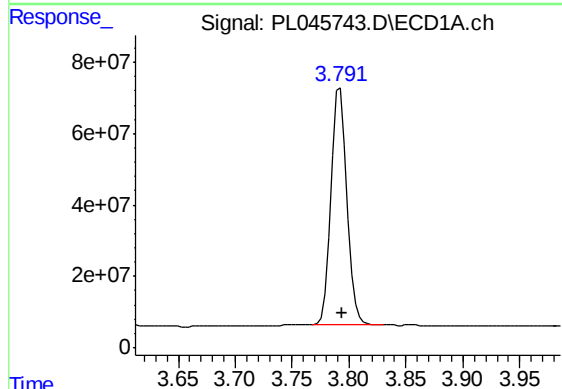
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



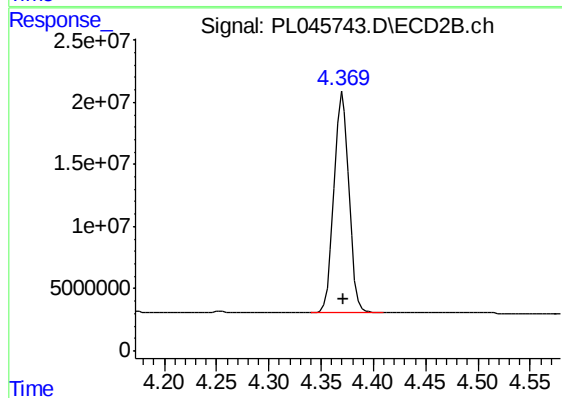
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 46465120
Conc: 21.70 ng/ml



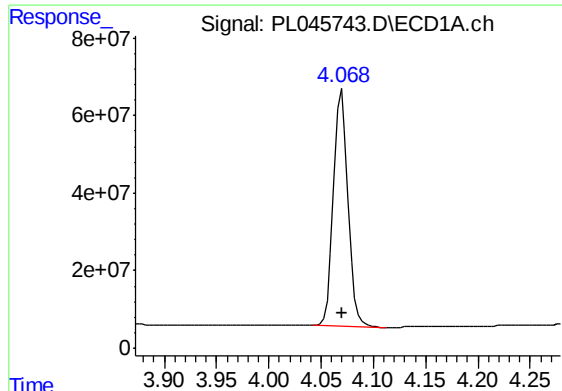
#2 alpha-BHC

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 639169500
Conc: 57.54 ng/ml



#2 alpha-BHC

R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 176025817
Conc: 57.93 ng/ml



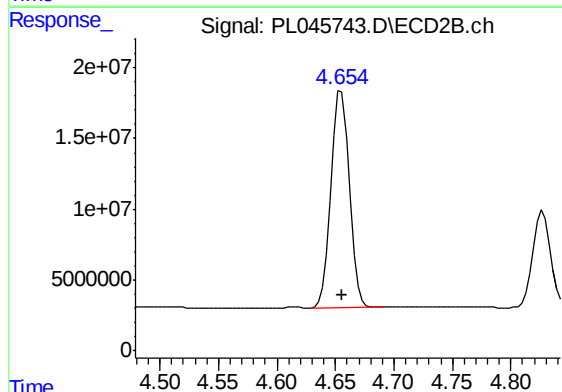
#3 gamma-BHC (Lindane)

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 590181762
Conc: 58.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

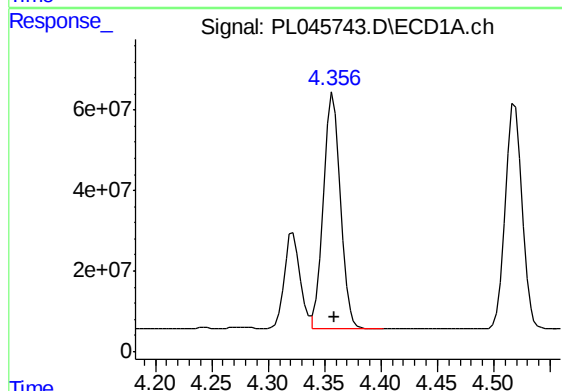
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



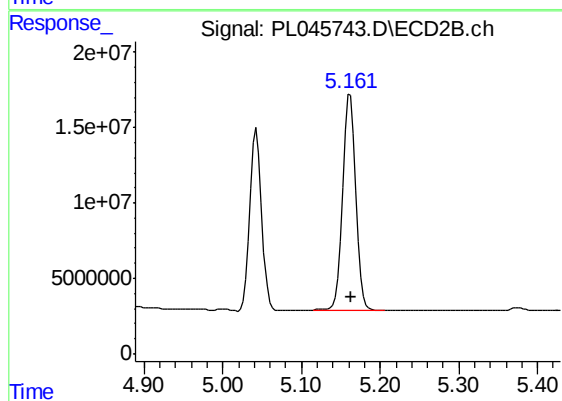
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 162751321
Conc: 57.62 ng/ml



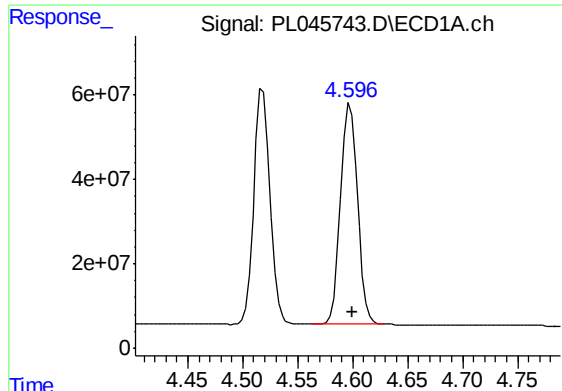
#4 Heptachlor

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 610408554
Conc: 57.85 ng/ml



#4 Heptachlor

R.T.: 5.162 min
Delta R.T.: -0.001 min
Response: 169256973
Conc: 56.89 ng/ml



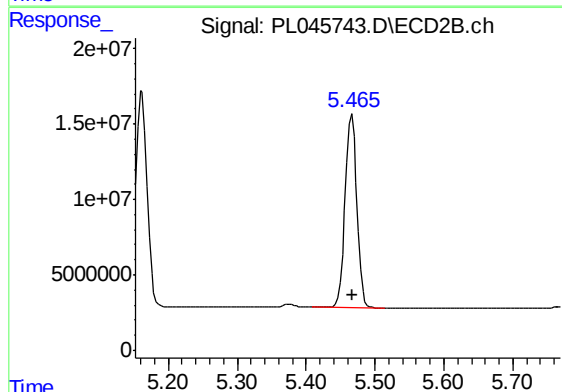
#5 Aldrin

R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 560700080
Conc: 57.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

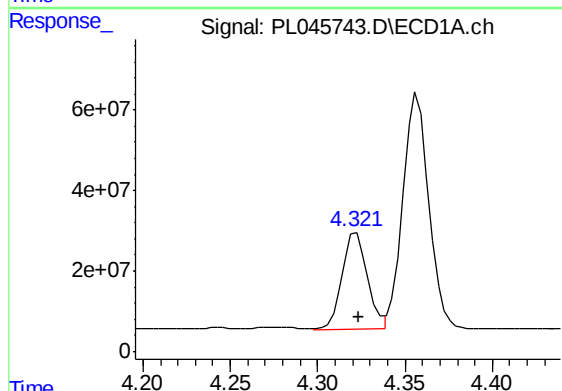
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



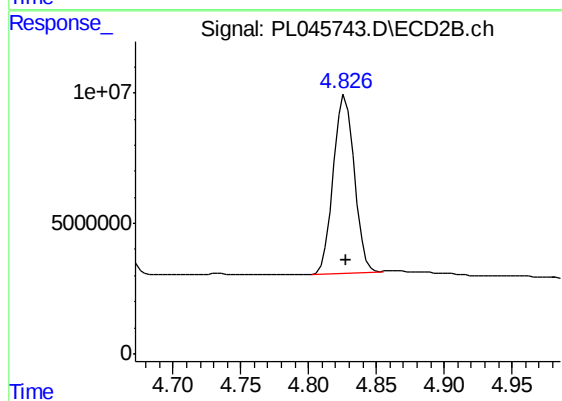
#5 Aldrin

R.T.: 5.466 min
Delta R.T.: -0.001 min
Response: 152231225
Conc: 56.36 ng/ml



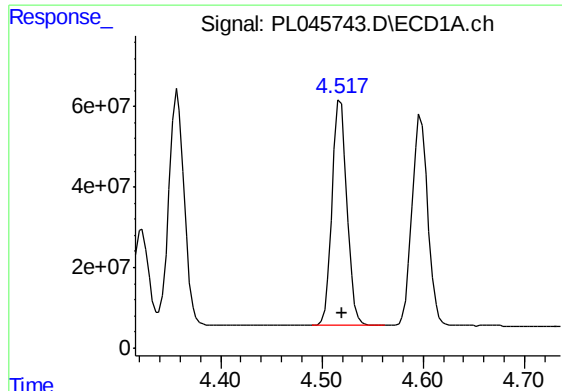
#6 beta-BHC

R.T.: 4.322 min
Delta R.T.: -0.001 min
Response: 242191967
Conc: 56.51 ng/ml



#6 beta-BHC

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 72369651
Conc: 56.99 ng/ml



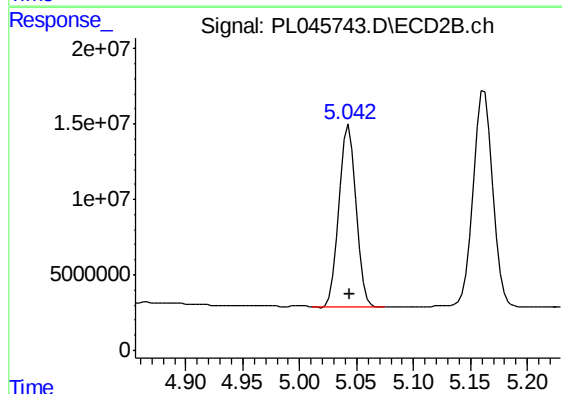
#7 delta-BHC

R.T.: 4.519 min
Delta R.T.: -0.001 min
Response: 573372061
Conc: 59.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

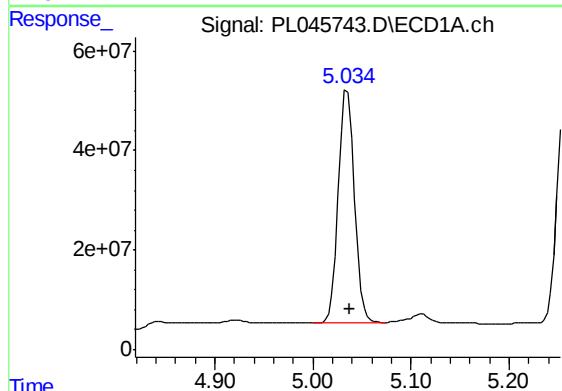
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



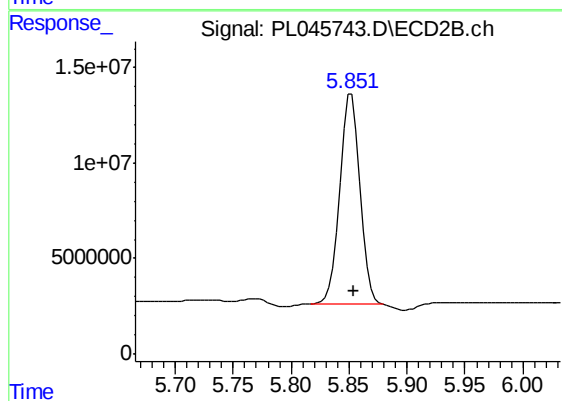
#7 delta-BHC

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 123658445
Conc: 57.49 ng/ml



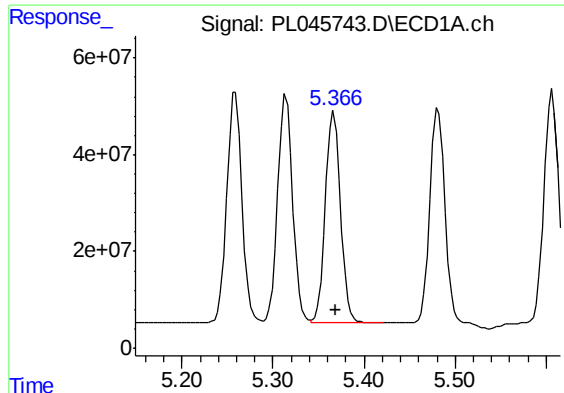
#8 Heptachlor epoxide

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 528371542
Conc: 56.61 ng/ml



#8 Heptachlor epoxide

R.T.: 5.851 min
Delta R.T.: -0.003 min
Response: 133855840
Conc: 55.73 ng/ml m



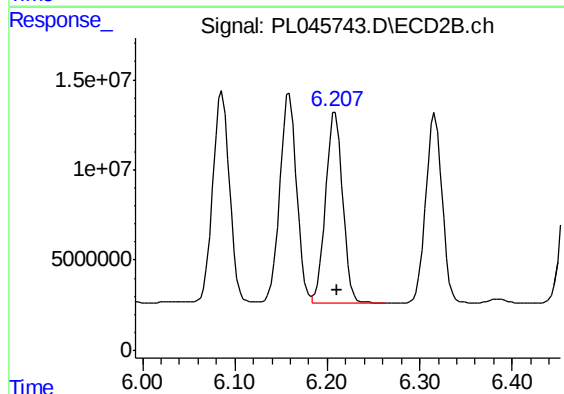
#9 Endosulfan I

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 502073246
Conc: 56.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

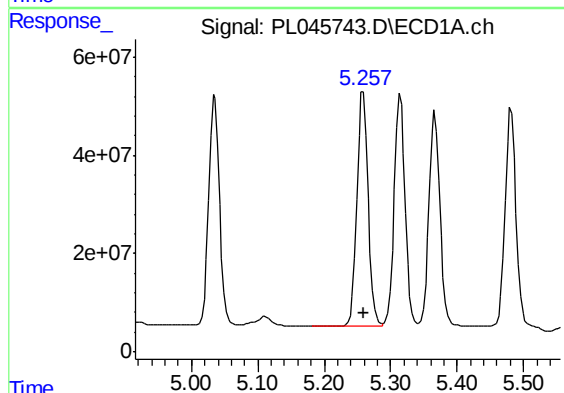
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



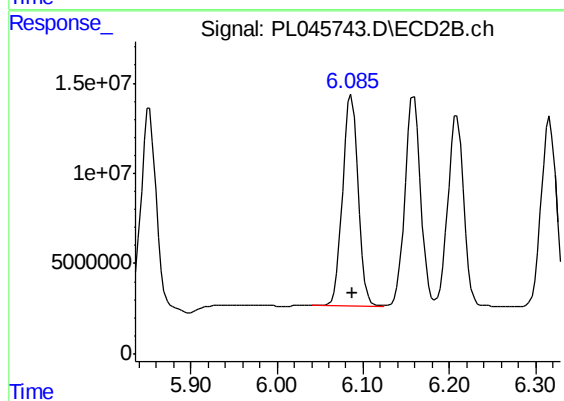
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 135681160
Conc: 54.48 ng/ml



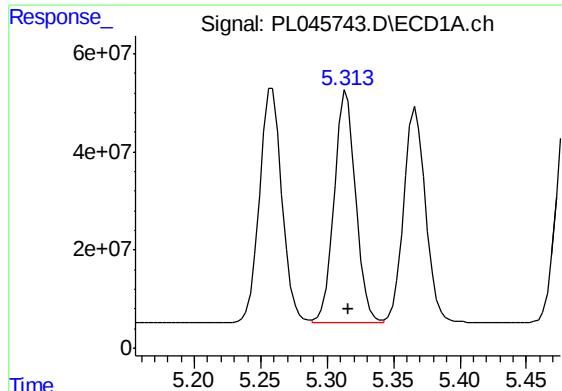
#10 gamma-Chlordane

R.T.: 5.259 min
Delta R.T.: -0.002 min
Response: 553915004
Conc: 56.60 ng/ml



#10 gamma-Chlordane

R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 147422667
Conc: 54.95 ng/ml



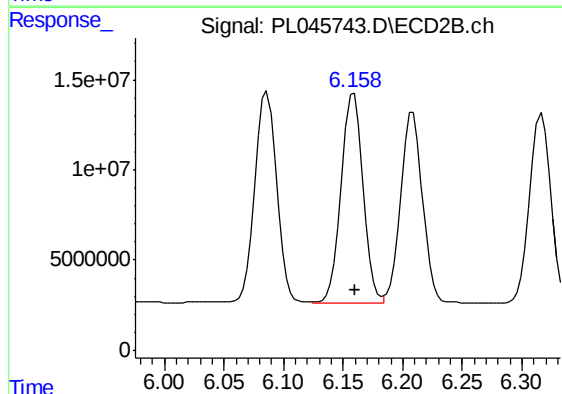
#11 alpha-Chlordane

R.T.: 5.315 min
Delta R.T.: -0.002 min
Response: 535508766
Conc: 55.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

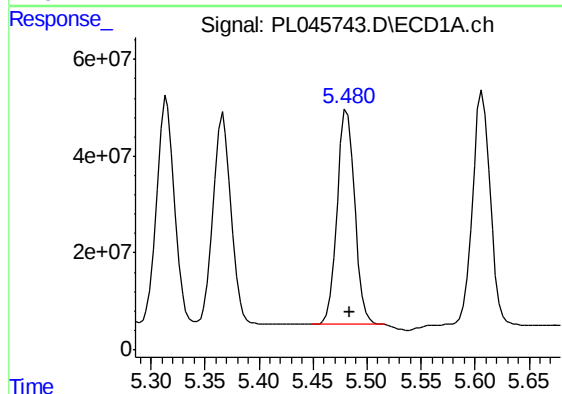
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



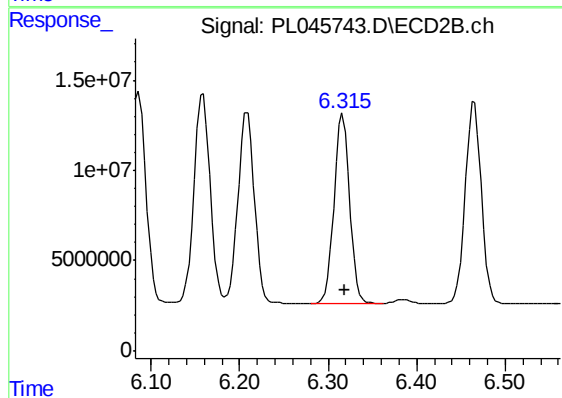
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 146667902
Conc: 54.37 ng/ml



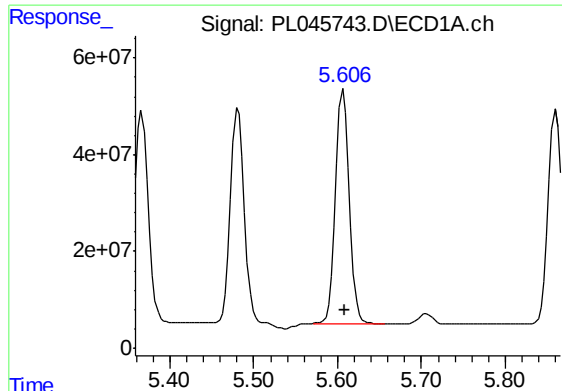
#12 4,4'-DDE

R.T.: 5.480 min
Delta R.T.: -0.004 min
Response: 506822717
Conc: 57.74 ng/ml m



#12 4,4'-DDE

R.T.: 6.317 min
Delta R.T.: -0.001 min
Response: 129160353
Conc: 55.29 ng/ml



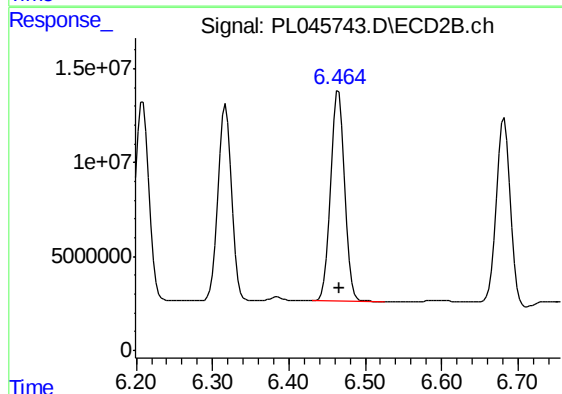
#13 Dieldrin

R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 548169250
Conc: 57.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

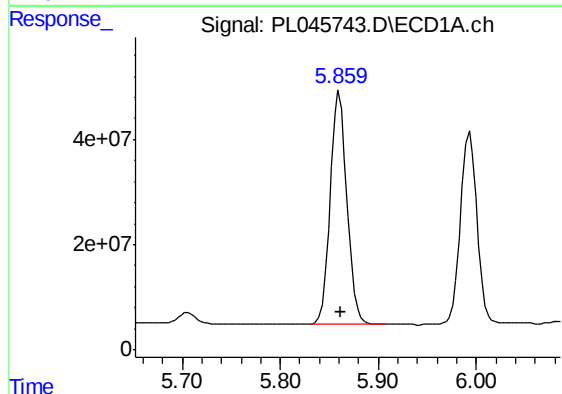
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



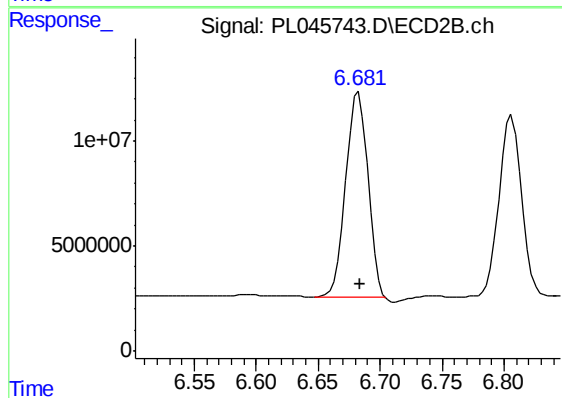
#13 Dieldrin

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 142330835
Conc: 55.39 ng/ml



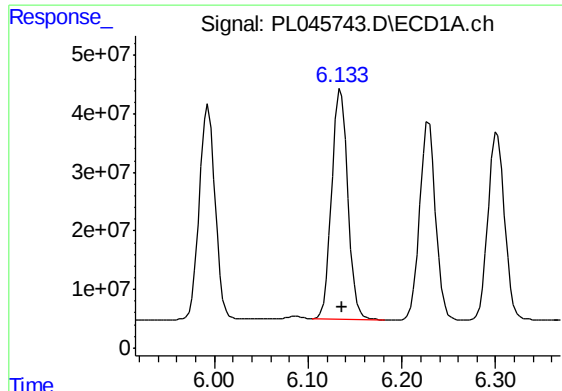
#14 Endrin

R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 524259131
Conc: 58.21 ng/ml



#14 Endrin

R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 122239761
Conc: 53.72 ng/ml m



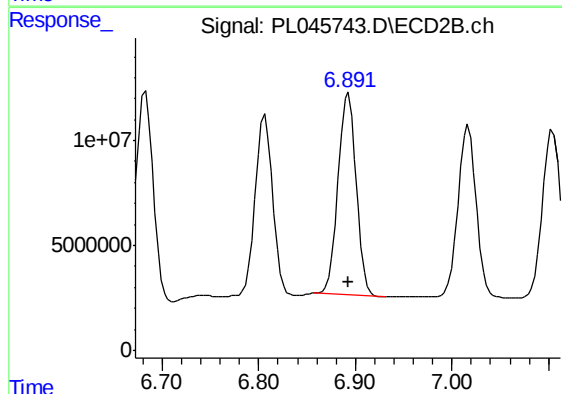
#15 Endosulfan II

R.T.: 6.135 min
Delta R.T.: -0.002 min
Response: 470433236
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

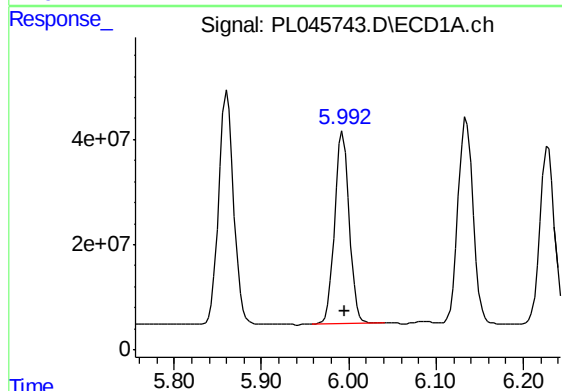
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



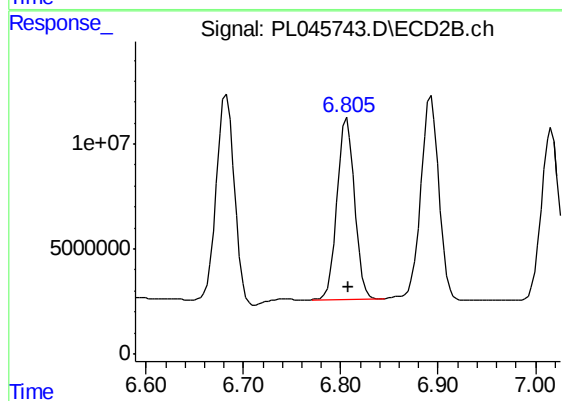
#15 Endosulfan II

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 123250162
Conc: 52.41 ng/ml



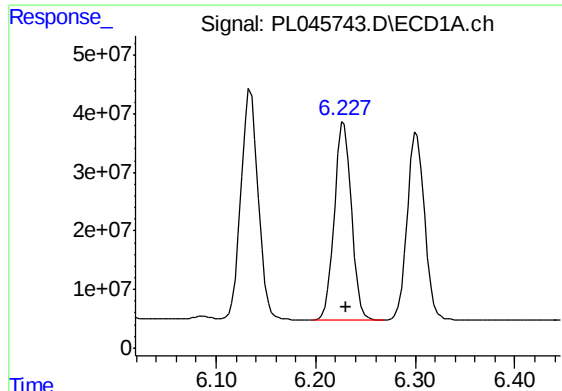
#16 4,4'-DDD

R.T.: 5.993 min
Delta R.T.: -0.002 min
Response: 424552337
Conc: 57.98 ng/ml



#16 4,4'-DDD

R.T.: 6.806 min
Delta R.T.: -0.001 min
Response: 108913583
Conc: 56.63 ng/ml



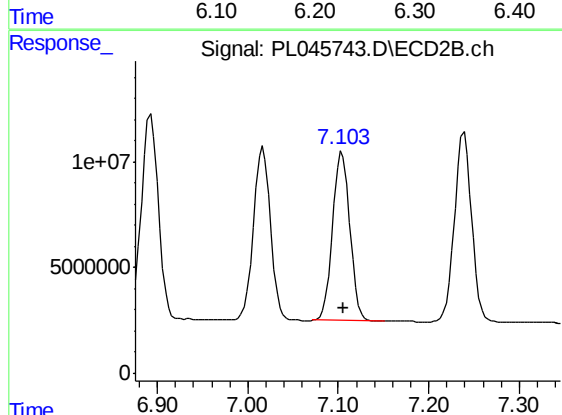
#17 4,4'-DDT

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 400727516
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

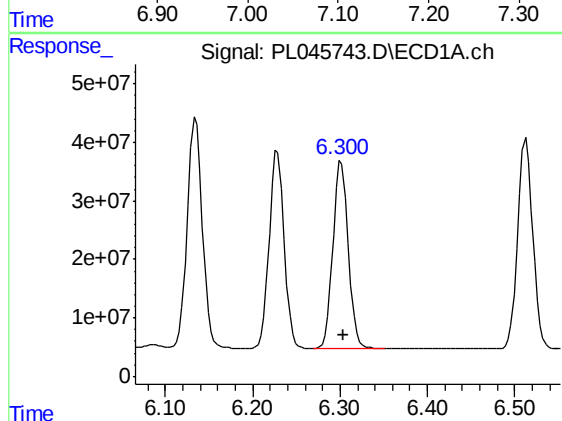
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



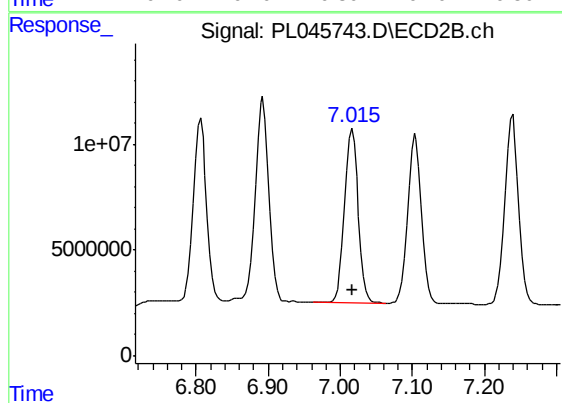
#17 4,4'-DDT

R.T.: 7.105 min
Delta R.T.: -0.001 min
Response: 105813473
Conc: 53.62 ng/ml



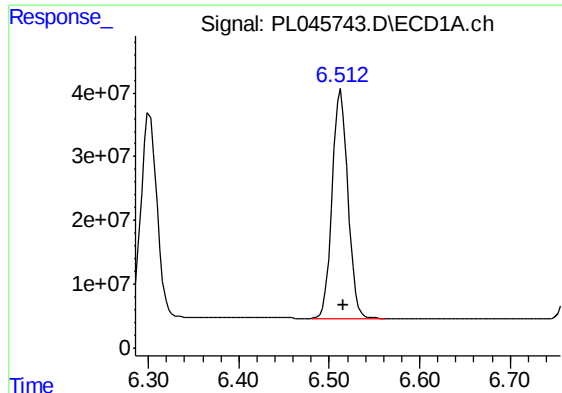
#18 Endrin aldehyde

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 390059374
Conc: 53.36 ng/ml



#18 Endrin aldehyde

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 107574295
Conc: 52.62 ng/ml



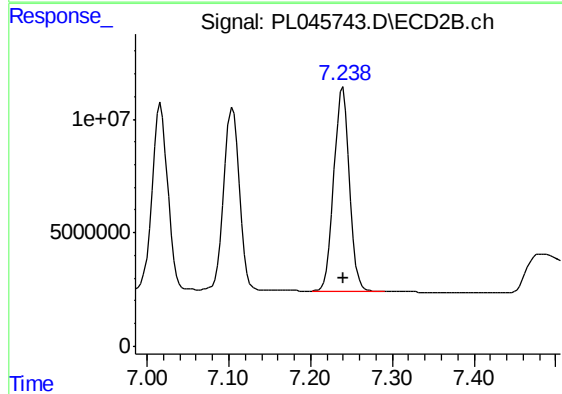
#19 Endosulfan Sulfate

R.T.: 6.513 min
Delta R.T.: -0.002 min
Response: 43063337
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

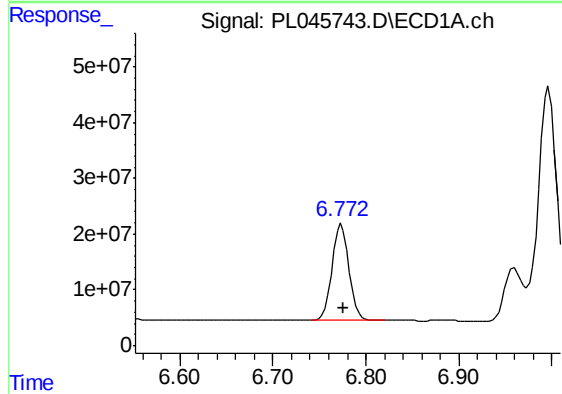
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



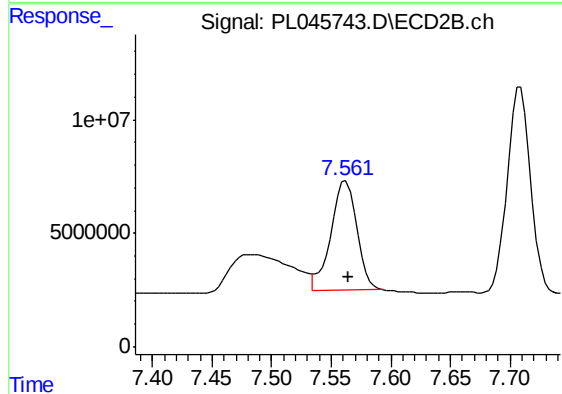
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: -0.001 min
Response: 118868594
Conc: 52.84 ng/ml



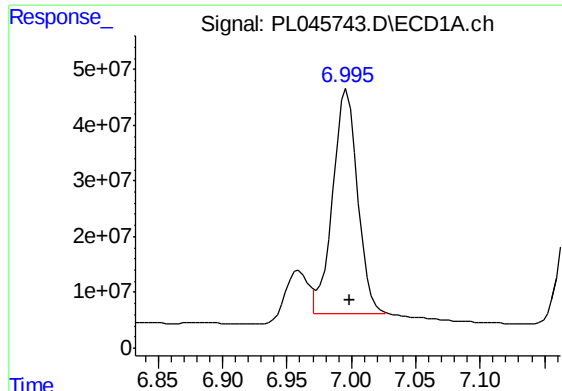
#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: -0.003 min
Response: 217989742
Conc: 49.64 ng/ml



#20 Methoxychlor

R.T.: 7.561 min
Delta R.T.: -0.003 min
Response: 72187276
Conc: 58.81 ng/ml m



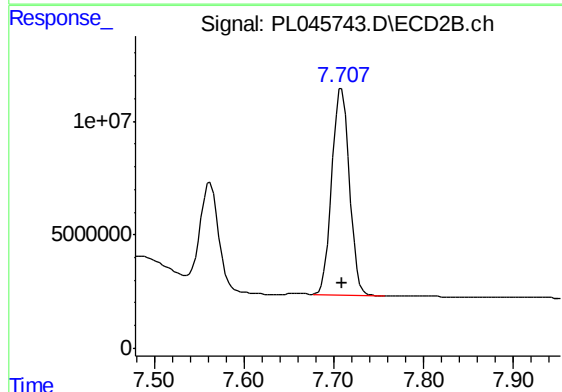
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: -0.004 min
Response: 541585792
Conc: 58.79 ng/ml m

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

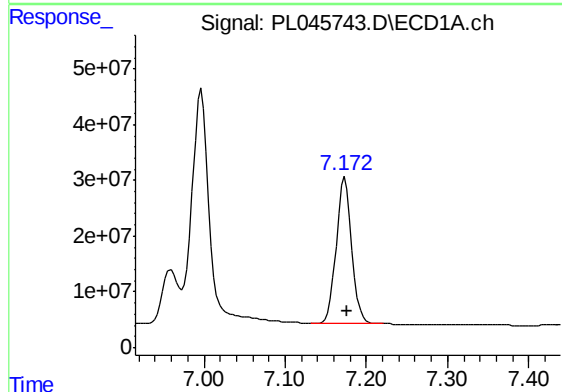
Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



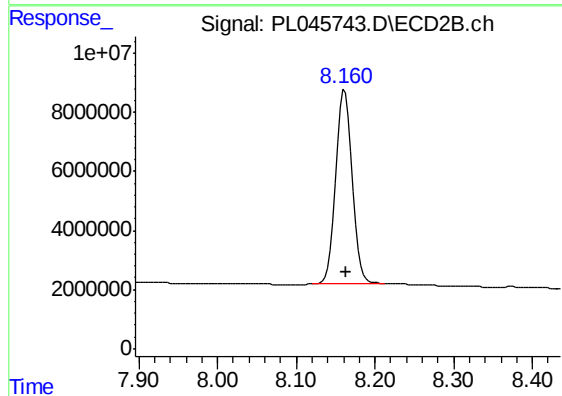
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: -0.001 min
Response: 124653025
Conc: 52.41 ng/ml



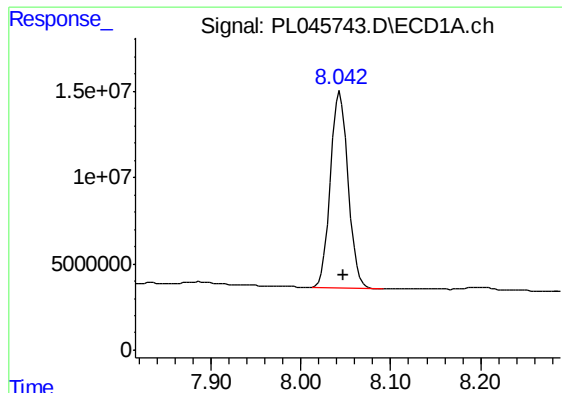
#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 347185084
Conc: 46.66 ng/ml



#22 Mirex

R.T.: 8.162 min
Delta R.T.: -0.001 min
Response: 98081034
Conc: 49.25 ng/ml



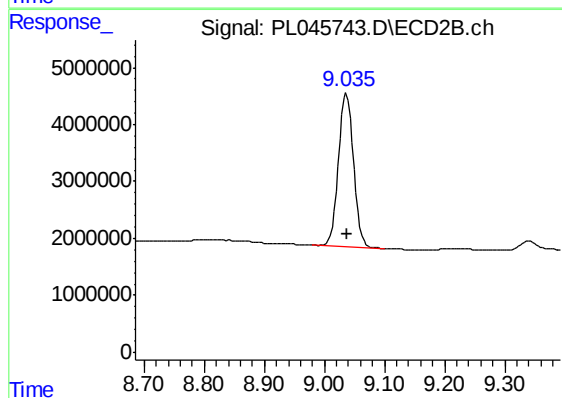
#28 Decachlorobiphenyl

R.T.: 8.044 min
Delta R.T.: -0.004 min
Response: 156117281
Conc: 18.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-030819MSD

Manual Integrations
APPROVED

Sohil
3/13/2019 9:36:49 AM



#28 Decachlorobiphenyl

R.T.: 9.037 min
Delta R.T.: -0.002 min
Response: 47137814
Conc: 20.63 ng/ml