

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082019\
 Data File : PL051681.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2019 00:56
 Operator : SG\AJ
 Sample : K4408-01MSD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-1MSD

Manual Integrations
 APPROVED

Ankita
 8/23/2019 2:19:03 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 01:33:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 18:03:07 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...	3.314	3.925	183.6E6	50403288	21.457	23.070
2)	SA Decachlor...	7.972	8.952	208.5E6	56775027	17.178	18.652
Target Compounds							
2)	A alpha-BHC	3.741	4.314	827.2E6	191.5E6	57.088	59.441
3)	MA gamma-BHC...	4.017	4.597	784.6E6	186.0E6	59.638	59.078
4)	MA Heptachlor	4.300	5.098	883.7E6	204.6E6	58.376	58.331
5)	MB Aldrin	4.538	5.400	852.1E6	193.6E6	58.963	59.056
6)	B beta-BHC	4.272	4.774	334.7E6	87837588	58.608	60.269
7)	B delta-BHC	4.464	4.987	671.2E6	135.8E6	45.141	43.391
8)	B Heptachlo...	4.974	5.787	809.5E6	184.7E6	57.885	54.735
9)	A Endosulfan I	5.304	6.141	745.2E6	178.1E6	55.435	55.072
10)	B gamma-Chl...	5.196	6.020	838.4E6	185.6E6	56.150	50.830
11)	B alpha-Chl...	5.252	6.091	813.1E6	193.8E6	56.187	56.145
12)	B 4,4'-DDE	5.419	6.252	812.9E6	195.0E6	59.399	55.397
13)	MA Dieldrin	5.542	6.397	835.5E6	191.9E6	54.947	56.041
14)	MA Endrin	5.795	6.613	791.4E6	168.0E6	54.257	55.529m
15)	B Endosulfa...	6.070	6.826	685.3E6	169.7E6	49.250	51.481
16)	A 4,4'-DDD	5.928	6.743	672.7E6	154.4E6	54.933m	57.041
17)	MA 4,4'-DDT	6.163	7.039	677.1E6	157.2E6	53.100	53.691
18)	B Endrin al...	6.237	6.951	550.7E6	138.1E6	47.340	48.882
19)	B Endosulfa...	6.448	7.174	624.3E6	157.0E6	47.993	50.854
20)	A Methoxychlor	6.708	7.500	321.1E6	86815494	47.358	51.762
21)	B Endrin ke...	6.929	7.642	701.4E6	167.3E6	49.583	52.292
22)	Mirex	7.103	8.089	520.0E6	125.7E6	49.111	51.689

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082019\
Data File : PL051681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2019 00:56
Operator : SG\AJ
Sample : K4408-01MSD
Misc :
ALS Vial : 53 Sample Multiplier: 1

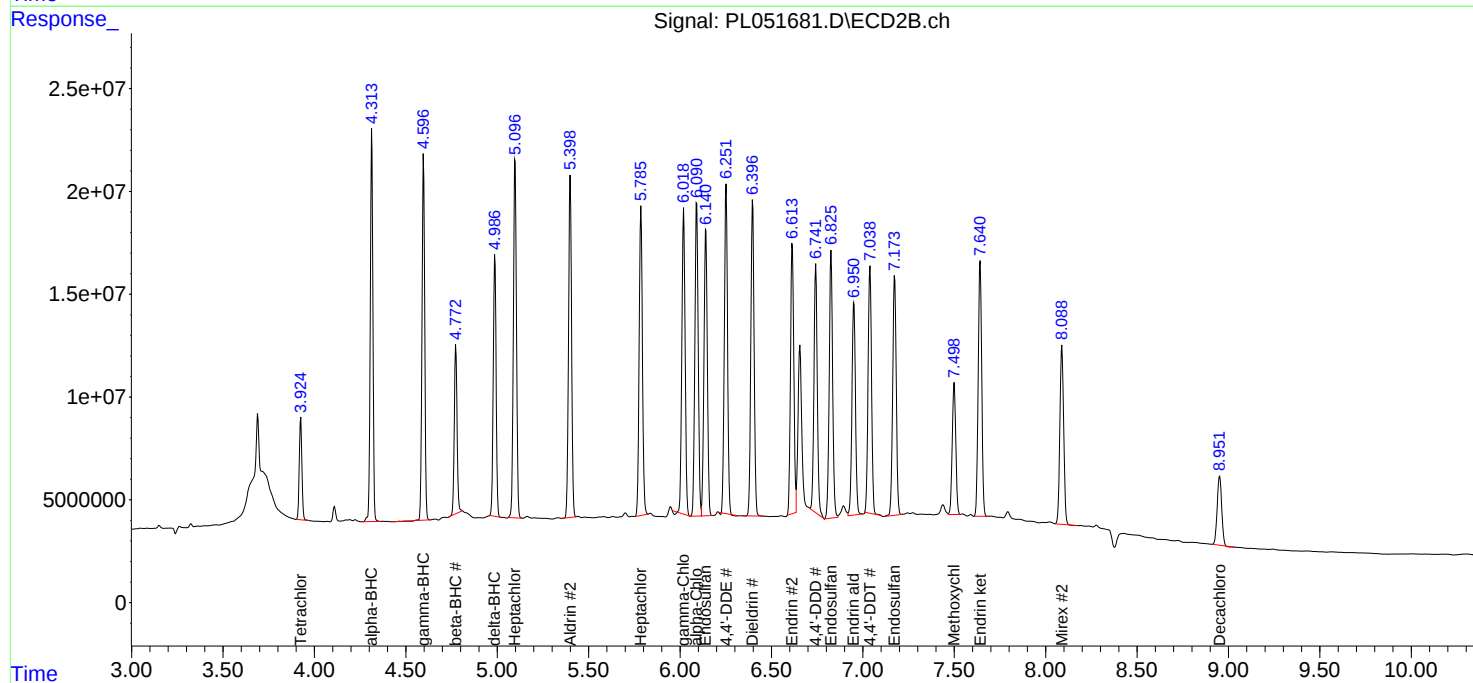
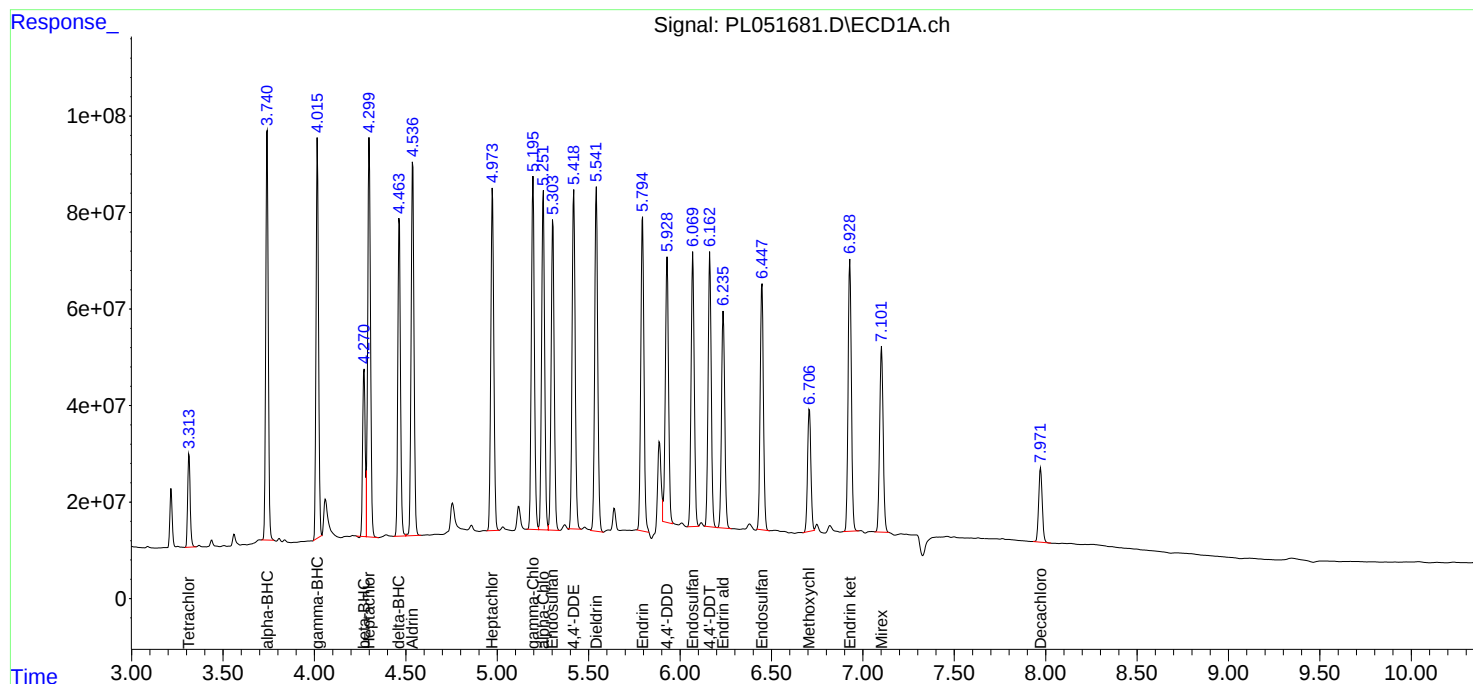
Instrument :
ECD_L
ClientSampled :
SP-1MSD

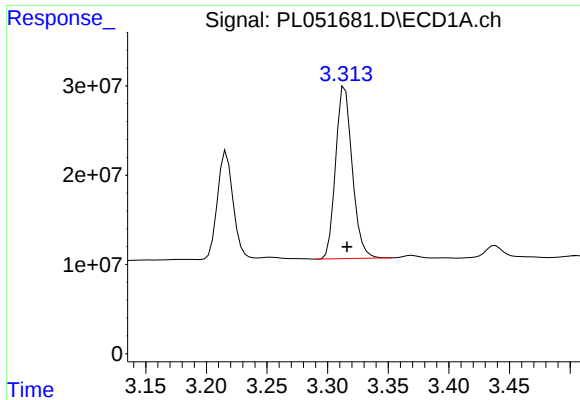
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 01:33:33 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
Quant Title : GC Extractables
QLast Update : Mon Aug 19 18:03:07 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





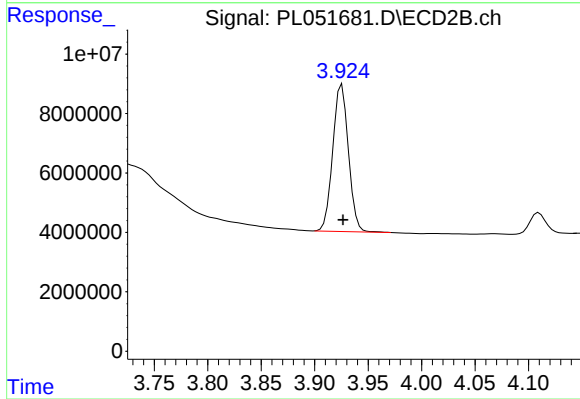
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 183641926
Conc: 21.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

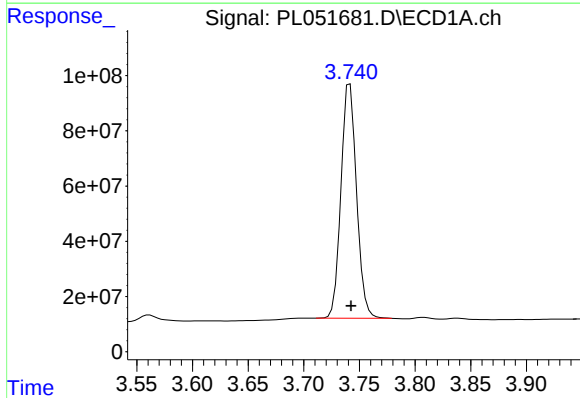
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



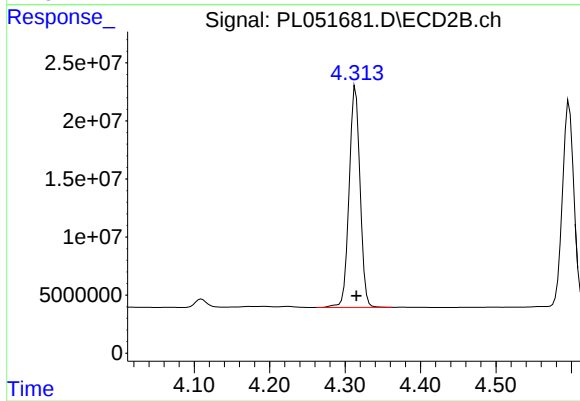
#1 Tetrachloro-m-xylene

R.T.: 3.925 min
Delta R.T.: -0.001 min
Response: 50403288
Conc: 23.07 ng/ml



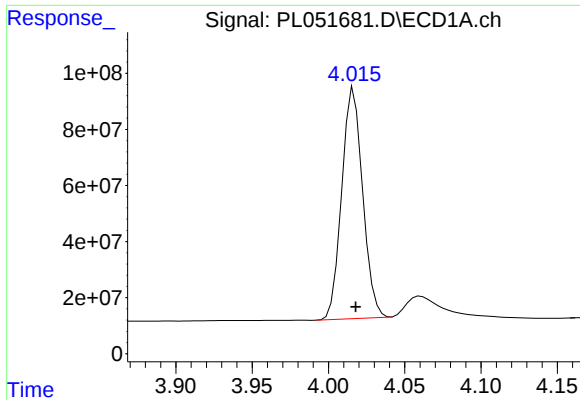
#2 alpha-BHC

R.T.: 3.741 min
Delta R.T.: -0.001 min
Response: 827187953
Conc: 57.09 ng/ml



#2 alpha-BHC

R.T.: 4.314 min
Delta R.T.: -0.001 min
Response: 191540555
Conc: 59.44 ng/ml



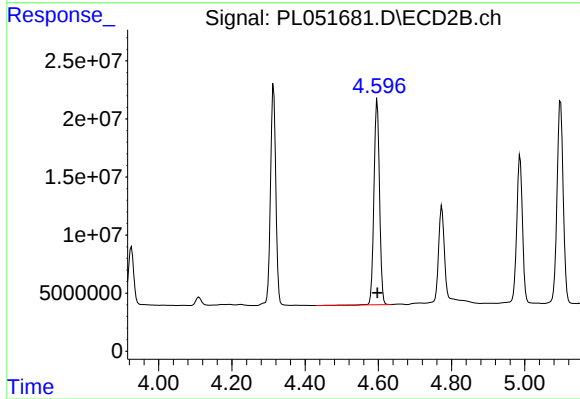
#3 gamma-BHC (Lindane)

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 784638112
Conc: 59.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

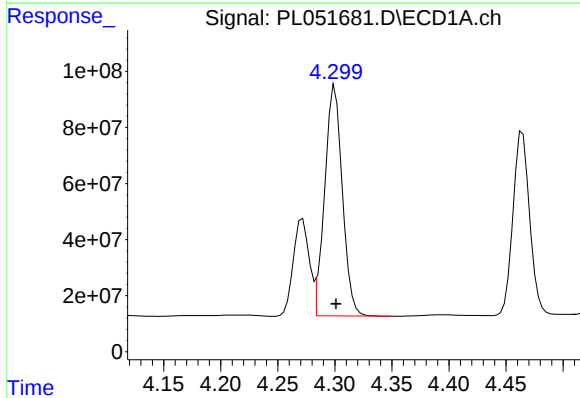
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



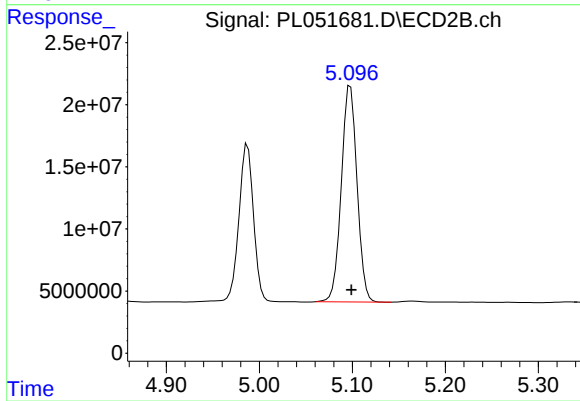
#3 gamma-BHC (Lindane)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 185994846
Conc: 59.08 ng/ml



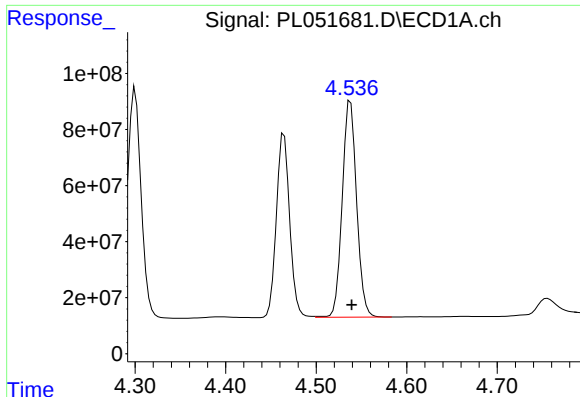
#4 Heptachlor

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 883737898
Conc: 58.38 ng/ml



#4 Heptachlor

R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 204562576
Conc: 58.33 ng/ml



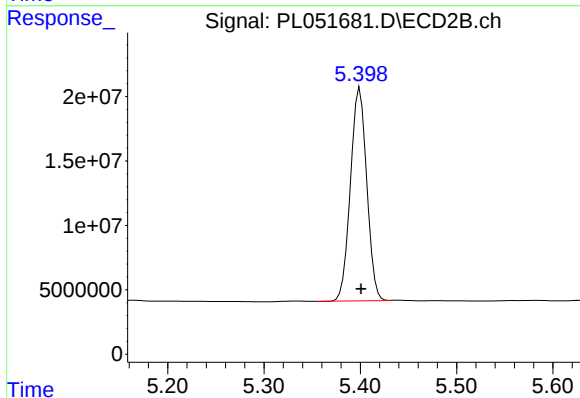
#5 Aldrin

R.T.: 4.538 min
Delta R.T.: -0.001 min
Response: 852063247
Conc: 58.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

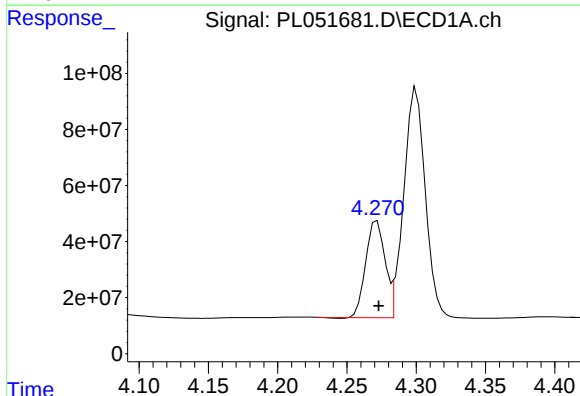
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



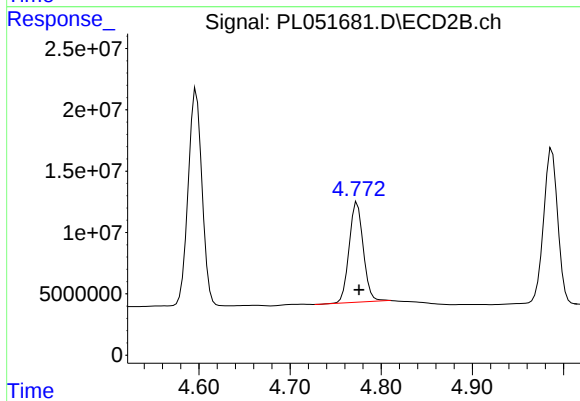
#5 Aldrin

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 193638379
Conc: 59.06 ng/ml



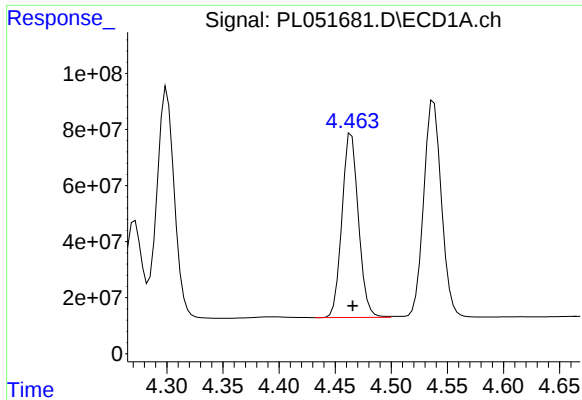
#6 beta-BHC

R.T.: 4.272 min
Delta R.T.: -0.001 min
Response: 334657716
Conc: 58.61 ng/ml



#6 beta-BHC

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 87837588
Conc: 60.27 ng/ml



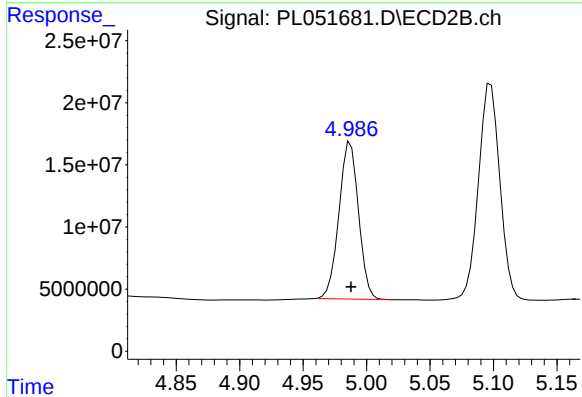
#7 delta-BHC

R.T.: 4.464 min
Delta R.T.: -0.001 min
Response: 671201867
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

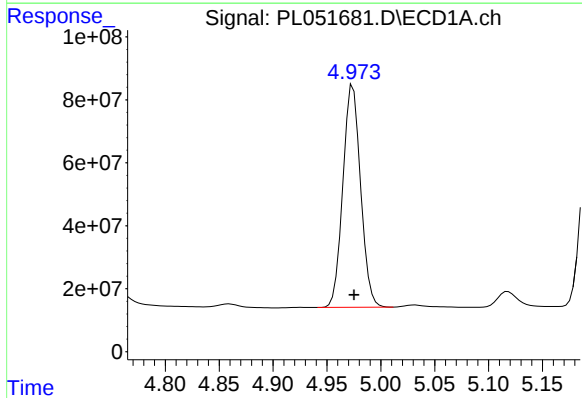
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



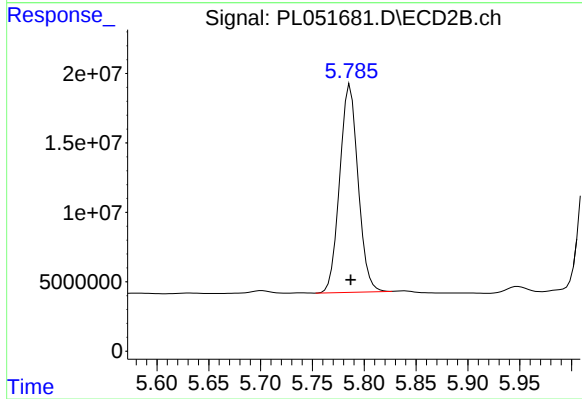
#7 delta-BHC

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 135801517
Conc: 43.39 ng/ml



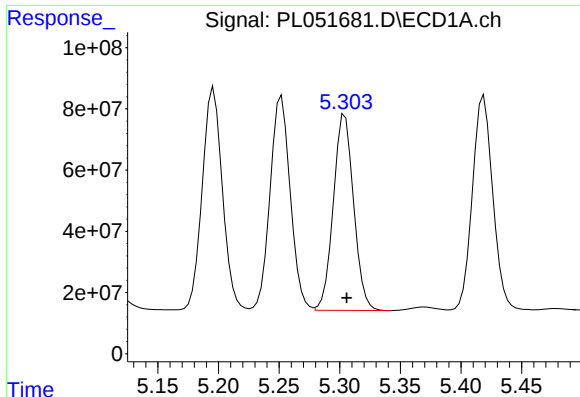
#8 Heptachlor epoxide

R.T.: 4.974 min
Delta R.T.: -0.001 min
Response: 809548906
Conc: 57.89 ng/ml



#8 Heptachlor epoxide

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 184720010
Conc: 54.73 ng/ml



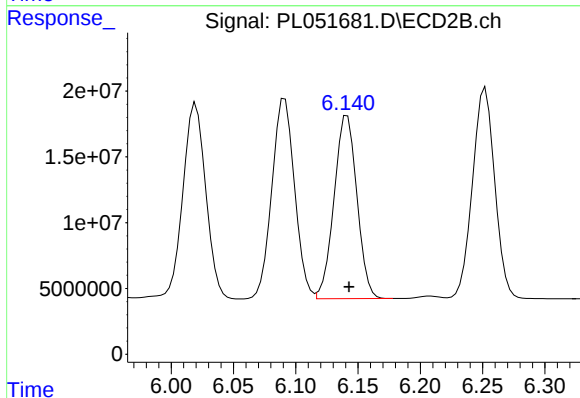
#9 Endosulfan I

R.T.: 5.304 min
Delta R.T.: -0.002 min
Response: 745247519
Conc: 55.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

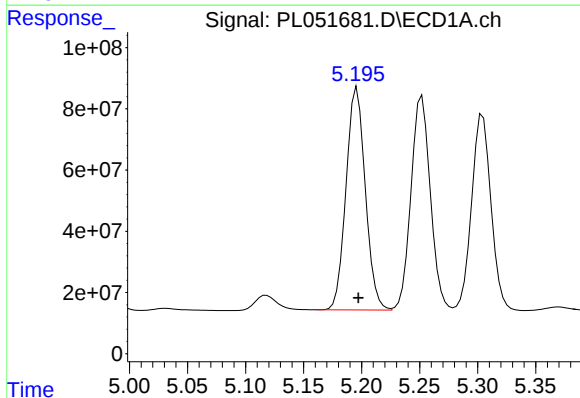
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



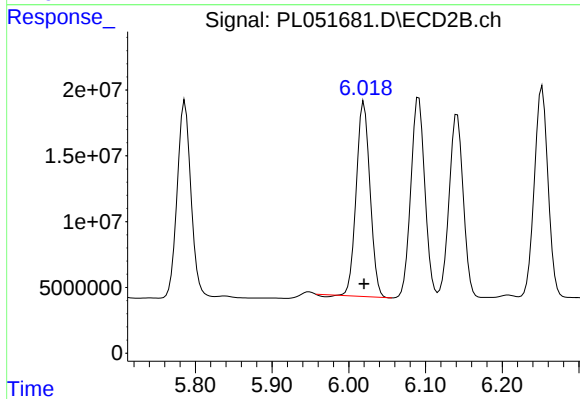
#9 Endosulfan I

R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 178057621
Conc: 55.07 ng/ml



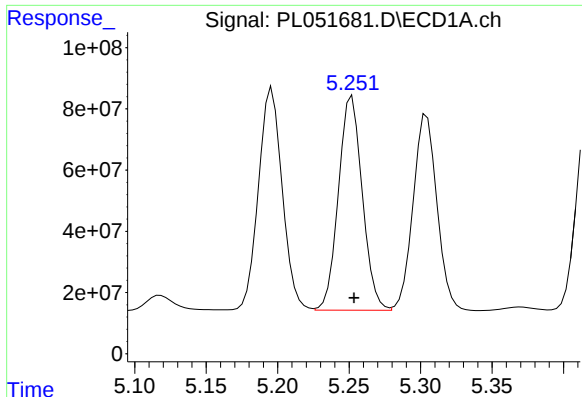
#10 gamma-Chlordane

R.T.: 5.196 min
Delta R.T.: -0.001 min
Response: 838424268
Conc: 56.15 ng/ml



#10 gamma-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 185582206
Conc: 50.83 ng/ml



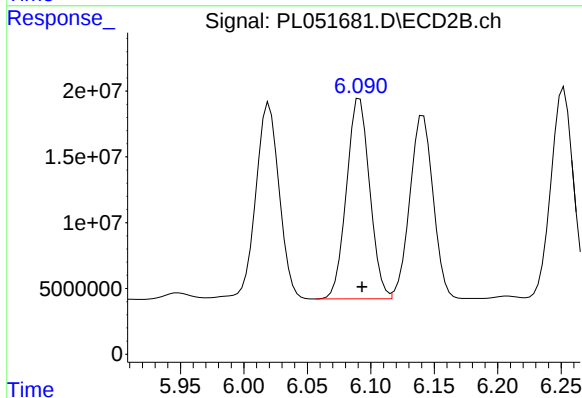
#11 alpha-Chlordane

R.T.: 5.252 min
Delta R.T.: -0.001 min
Response: 813094021
Conc: 56.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

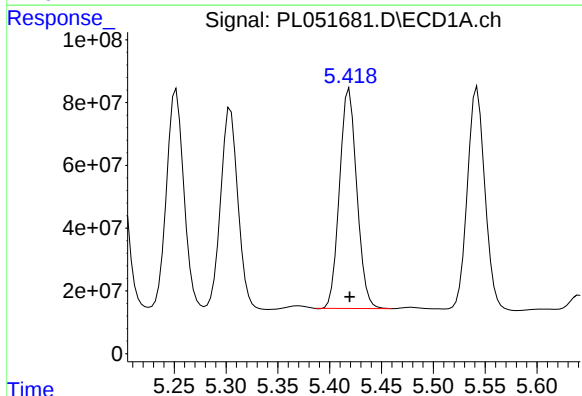
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



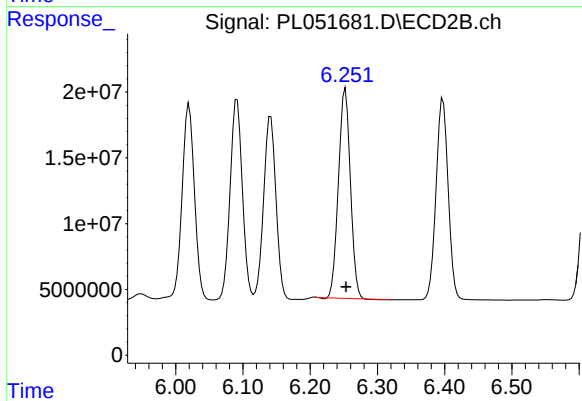
#11 alpha-Chlordane

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 193755078
Conc: 56.14 ng/ml



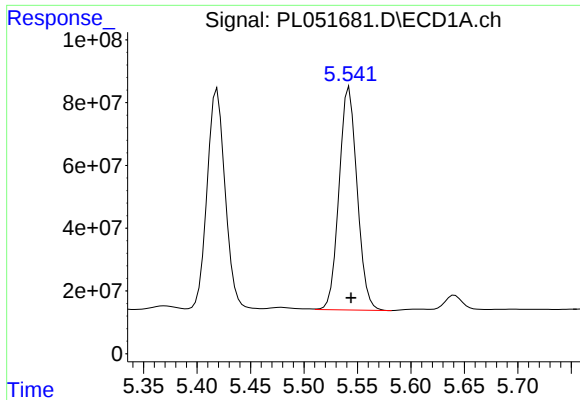
#12 4,4'-DDE

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 812915207
Conc: 59.40 ng/ml



#12 4,4'-DDE

R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 195002542
Conc: 55.40 ng/ml



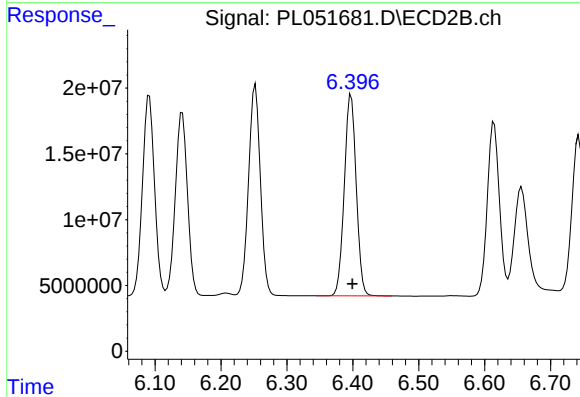
#13 Dieldrin

R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 835463660
Conc: 54.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

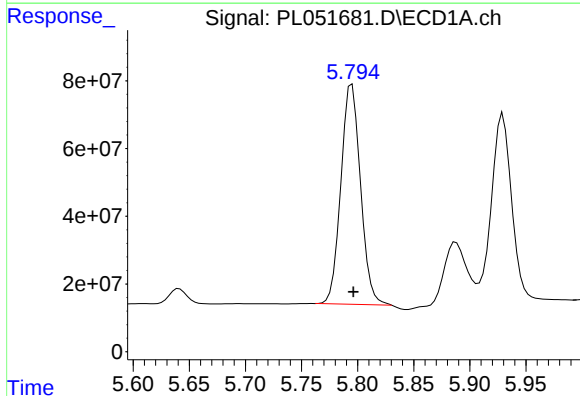
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



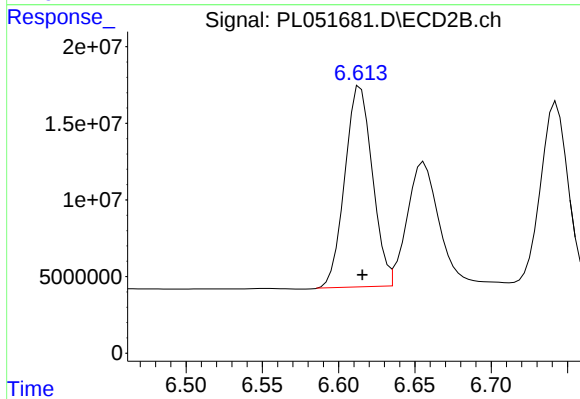
#13 Dieldrin

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 191916817
Conc: 56.04 ng/ml



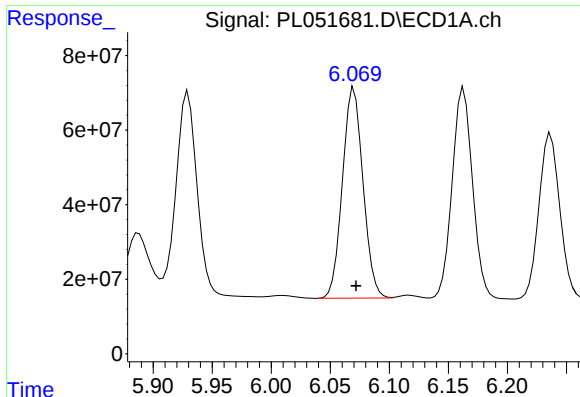
#14 Endrin

R.T.: 5.795 min
Delta R.T.: -0.001 min
Response: 791393798
Conc: 54.26 ng/ml



#14 Endrin

R.T.: 6.613 min
Delta R.T.: -0.003 min
Response: 167954953
Conc: 55.53 ng/ml m



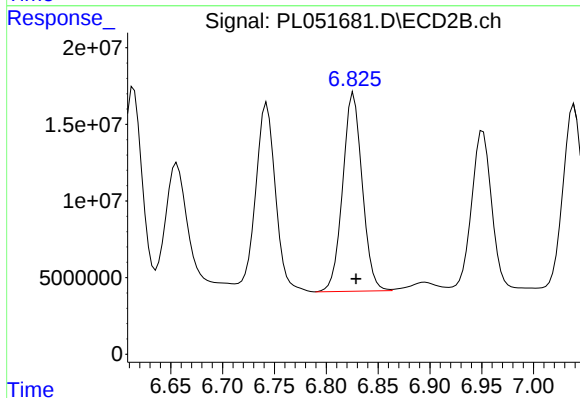
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 685262598
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

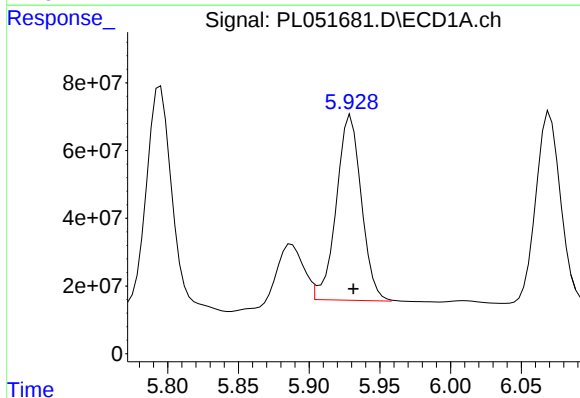
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



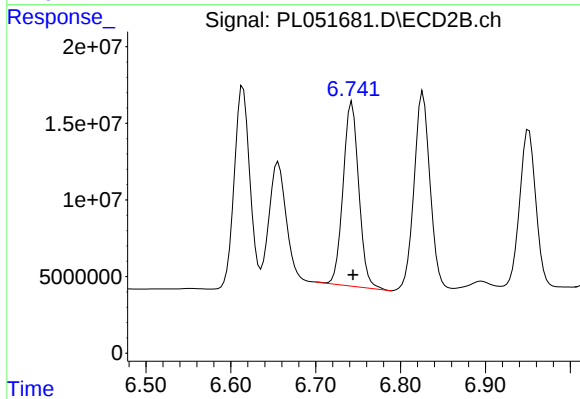
#15 Endosulfan II

R.T.: 6.826 min
Delta R.T.: -0.002 min
Response: 169684070
Conc: 51.48 ng/ml



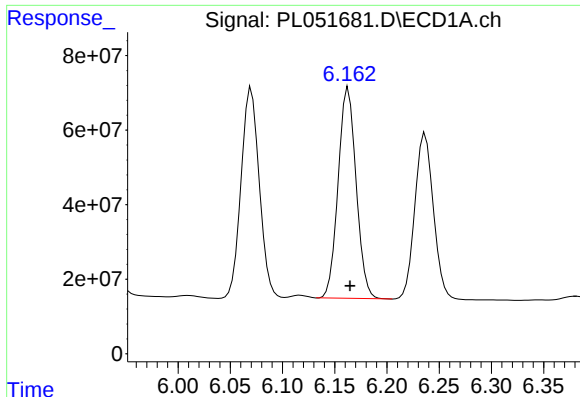
#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 672685323
Conc: 54.93 ng/ml m



#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 154428222
Conc: 57.04 ng/ml



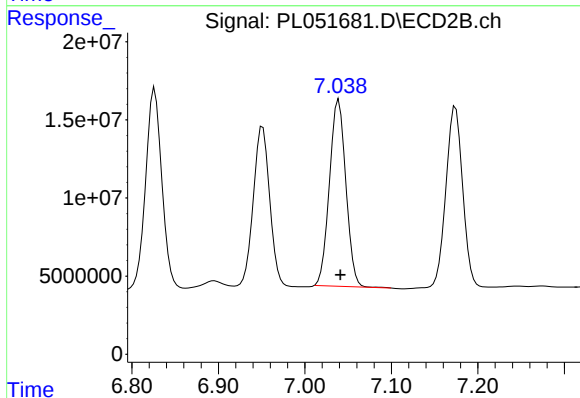
#17 4,4'-DDT

R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 677092665
Conc: 53.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

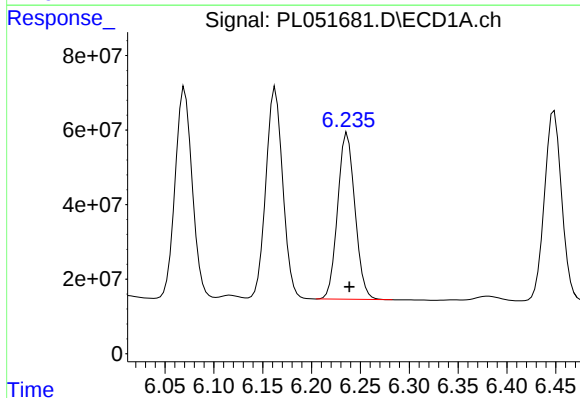
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



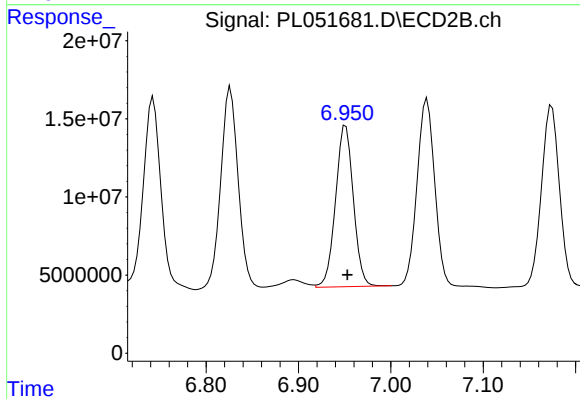
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 157190276
Conc: 53.69 ng/ml



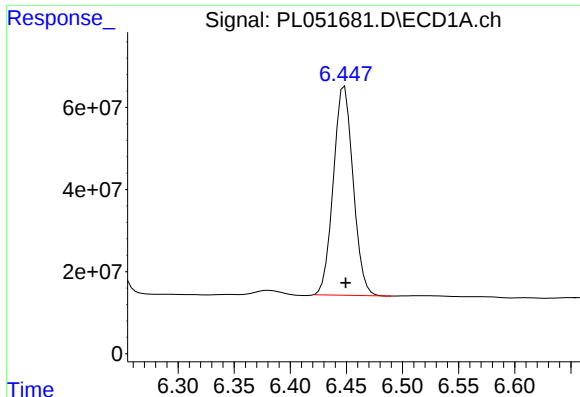
#18 Endrin aldehyde

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 550718136
Conc: 47.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.951 min
Delta R.T.: -0.002 min
Response: 138149925
Conc: 48.88 ng/ml



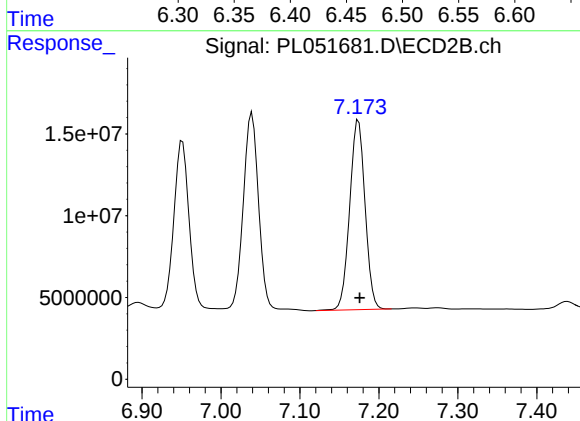
#19 Endosulfan Sulfate

R.T.: 6.448 min
Delta R.T.: -0.001 min
Response: 624341043
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

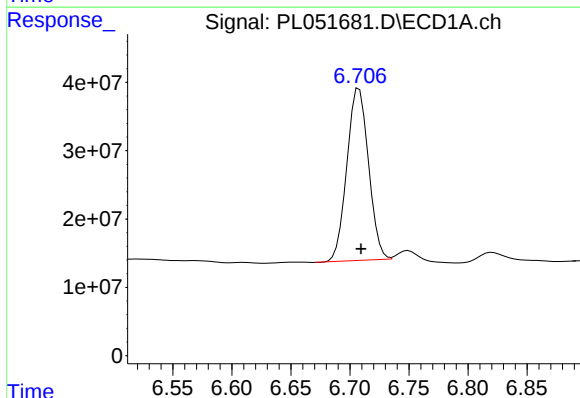
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



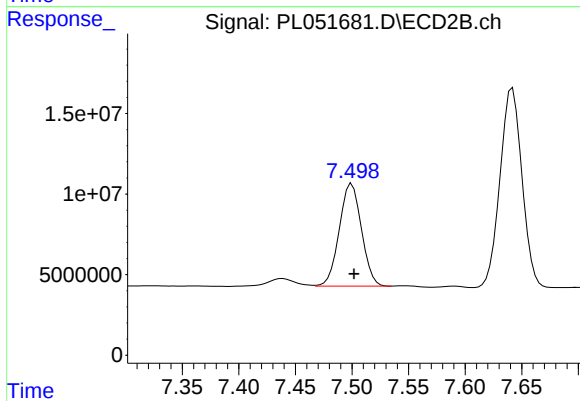
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 157038207
Conc: 50.85 ng/ml



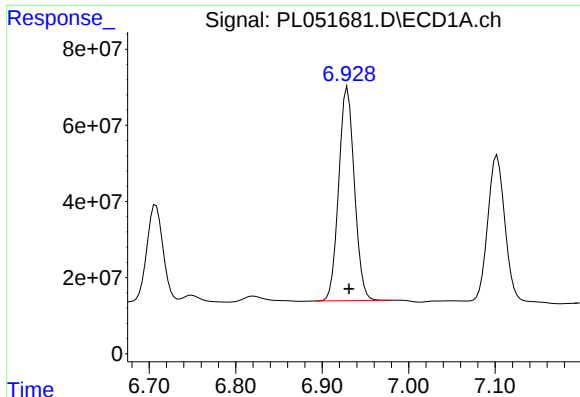
#20 Methoxychlor

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 321072998
Conc: 47.36 ng/ml



#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 86815494
Conc: 51.76 ng/ml



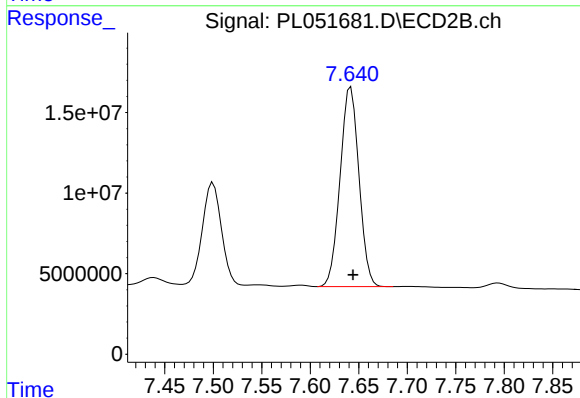
#21 Endrin ketone

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 701441037
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

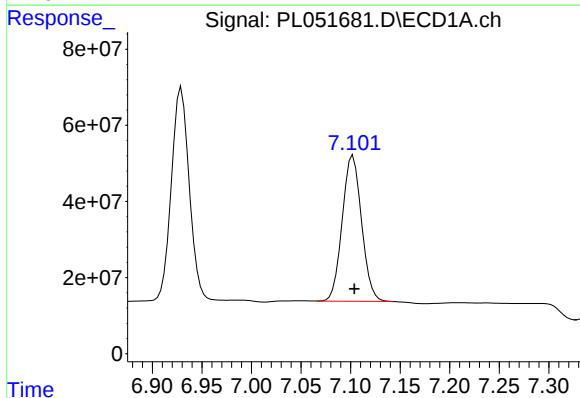
Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



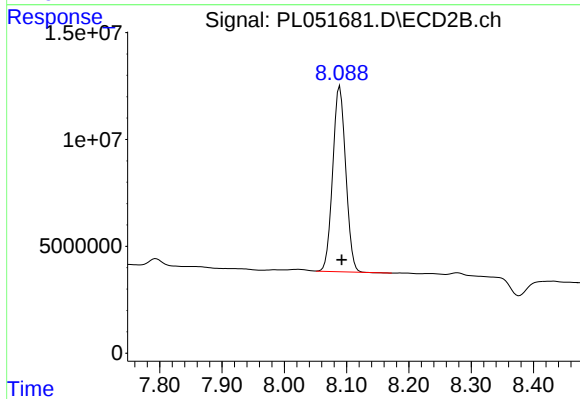
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 167307621
Conc: 52.29 ng/ml



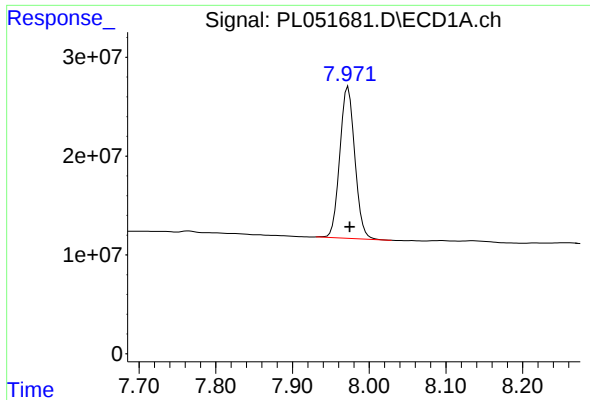
#22 Mirex

R.T.: 7.103 min
Delta R.T.: -0.002 min
Response: 519962475
Conc: 49.11 ng/ml



#22 Mirex

R.T.: 8.089 min
Delta R.T.: -0.003 min
Response: 125745776
Conc: 51.69 ng/ml



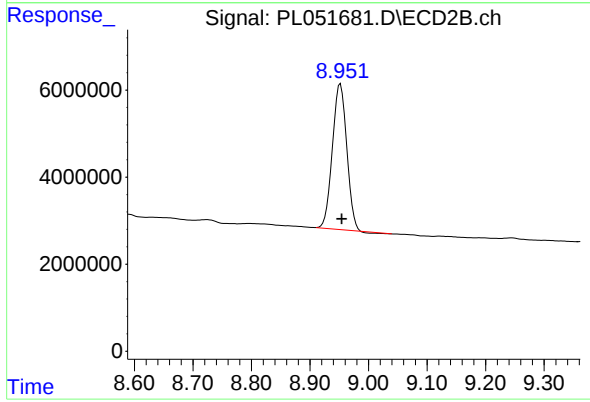
#28 Decachlorobiphenyl

R.T.: 7.972 min
Delta R.T.: -0.002 min
Response: 208508901
Conc: 17.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

Manual Integrations
APPROVED

Ankita
8/23/2019 2:19:03 PM



#28 Decachlorobiphenyl

R.T.: 8.952 min
Delta R.T.: -0.002 min
Response: 56775027
Conc: 18.65 ng/ml