

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081419\
 Data File : PL051471.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2019 15:02
 Operator : SM\AJ
 Sample : PB122257BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB122257BSD

Manual Integrations
 APPROVED

Ankita
 8/16/2019 2:42:15 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:07:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 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...	3.316	3.927	207.4E6	57424659	20.643	20.126
28)	SA Decachlor...	7.976	8.956	233.4E6	59305653	23.055	20.972
Target Compounds							
2)	A alpha-BHC	3.743	4.315	881.1E6	209.4E6	52.578	50.760
3)	MA gamma-BHC...	4.018	4.598	834.5E6	201.3E6	54.250	51.962
4)	MA Heptachlor	4.302	5.099	887.5E6	218.4E6	54.093	52.677
5)	MB Aldrin	4.540	5.401	874.8E6	208.8E6	56.469	55.413
6)	B beta-BHC	4.273	4.775	351.1E6	94190053	53.562	54.481
7)	B delta-BHC	4.466	4.988	741.9E6	168.6E6	45.214	43.600
8)	B Heptachlor...	4.976	5.788	809.0E6	195.7E6	54.757	51.155
9)	A Endosulfan I	5.306	6.143	777.9E6	185.8E6	53.490	54.034
10)	B gamma-Chl...	5.198	6.022	849.7E6	200.7E6	53.834	54.312
11)	B alpha-Chl...	5.254	6.093	816.8E6	199.1E6	53.538	54.329
12)	B 4,4'-DDE	5.421	6.254	827.1E6	201.4E6	55.192	55.883
13)	MA Dieldrin	5.545	6.399	841.3E6	196.8E6	54.289	55.566
14)	MA Endrin	5.798	6.616	699.8E6	145.1E6	47.538	46.778
15)	B Endosulfa...	6.073	6.829	718.9E6	171.1E6	51.368	53.827
16)	A 4,4'-DDD	5.932	6.743	682.9E6	157.0E6	56.986	58.960m
17)	MA 4,4'-DDT	6.166	7.041	627.4E6	144.1E6	50.659	53.376
18)	B Endrin al...	6.239	6.951	613.9E6	149.0E6	53.215	54.836m
19)	B Endosulfa...	6.451	7.176	689.2E6	165.2E6	54.098	57.182
20)	A Methoxychlor	6.711	7.502	312.0E6	78757163	50.013	53.676
21)	B Endrin ke...	6.932	7.644	792.1E6	181.8E6	57.911	62.889
22)	Mirex	7.105	8.092	527.1E6	128.7E6	53.766	56.020

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081419\
Data File : PL051471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2019 15:02
Operator : SM\AJ
Sample : PB122257BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

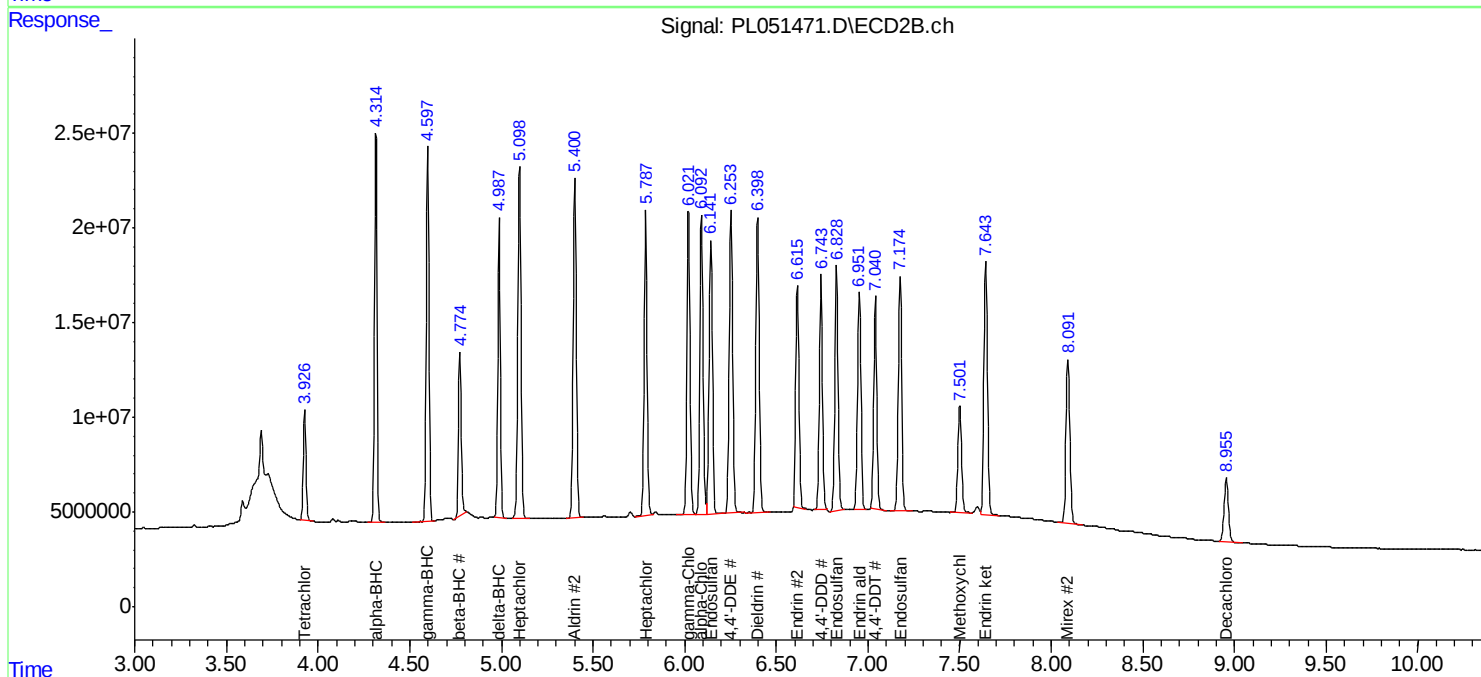
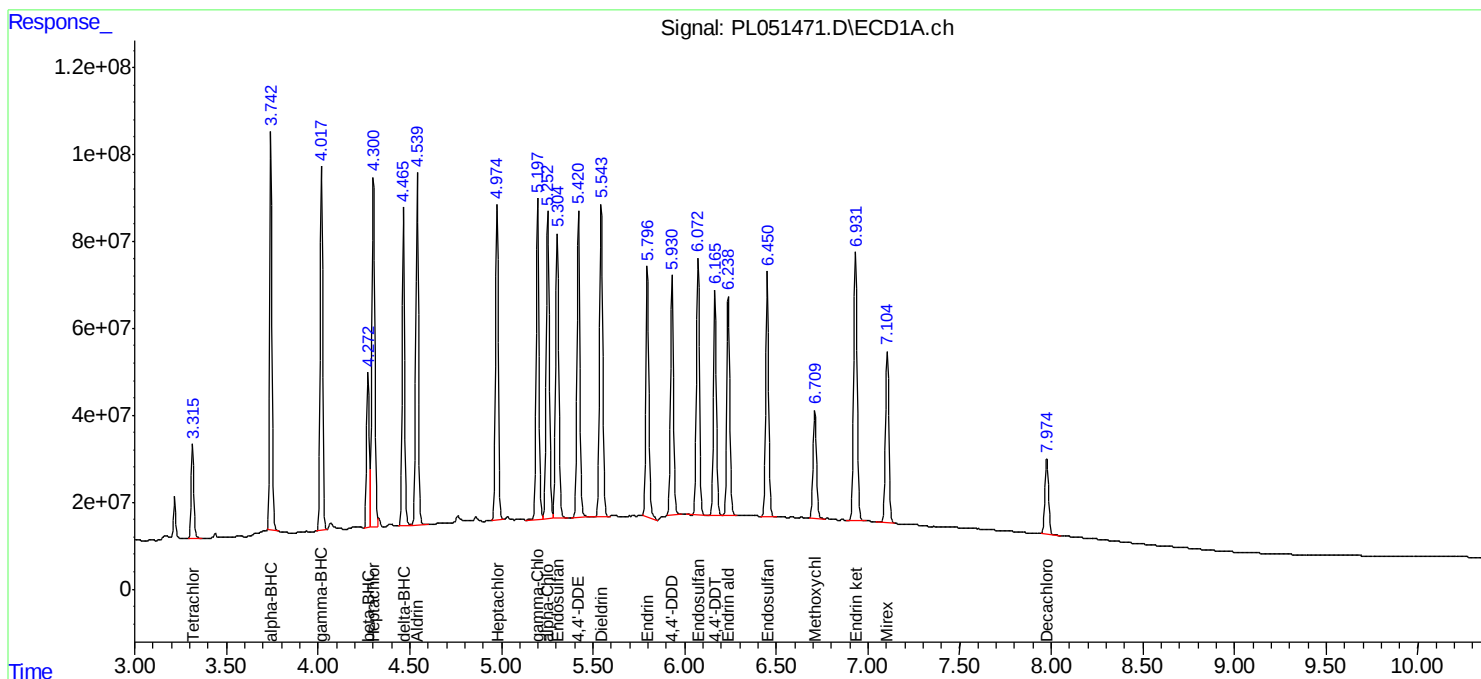
Instrument :
ECD_L
ClientSampleId :
PB122257BSD

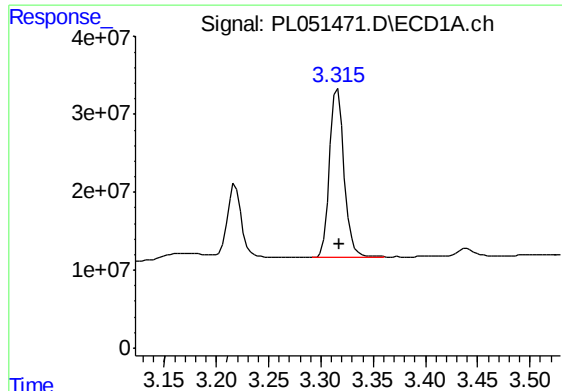
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 09:07:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 01:19:13 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





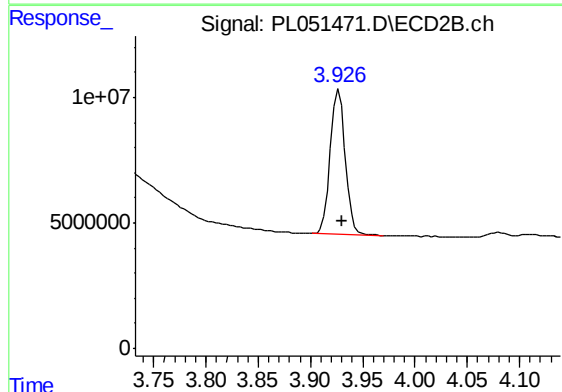
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.002 min
Response: 207421969
Conc: 20.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

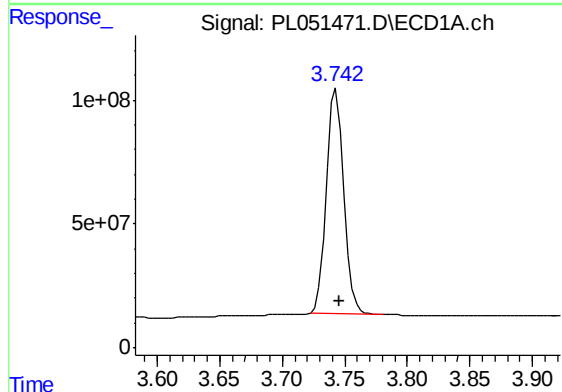
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



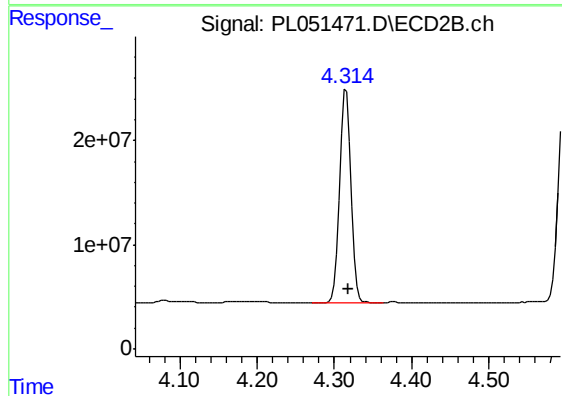
#1 Tetrachloro-m-xylene

R.T.: 3.927 min
Delta R.T.: -0.003 min
Response: 57424659
Conc: 20.13 ng/ml



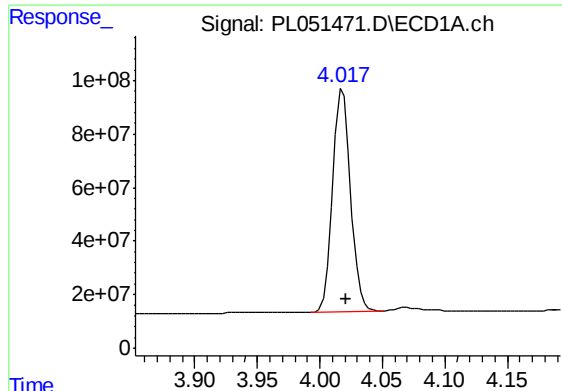
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 881089398
Conc: 52.58 ng/ml



#2 alpha-BHC

R.T.: 4.315 min
Delta R.T.: -0.004 min
Response: 209434215
Conc: 50.76 ng/ml



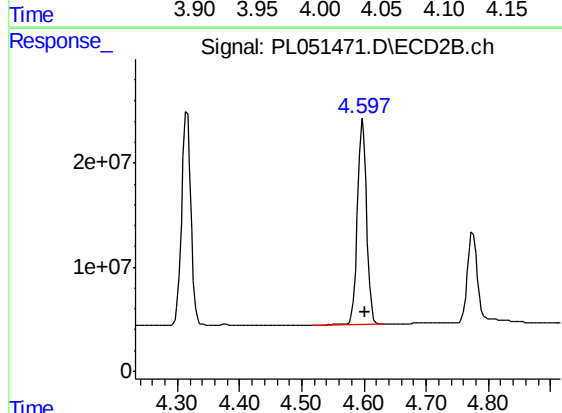
#3 gamma-BHC (Lindane)

R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 834459177
Conc: 54.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

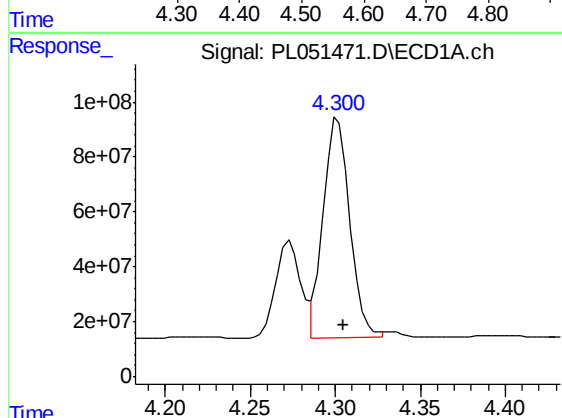
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



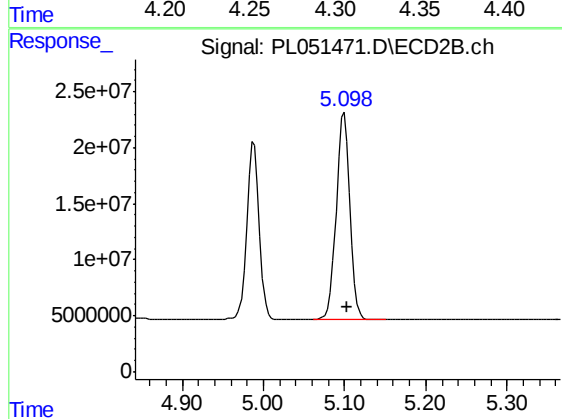
#3 gamma-BHC (Lindane)

R.T.: 4.598 min
Delta R.T.: -0.004 min
Response: 201256330
Conc: 51.96 ng/ml



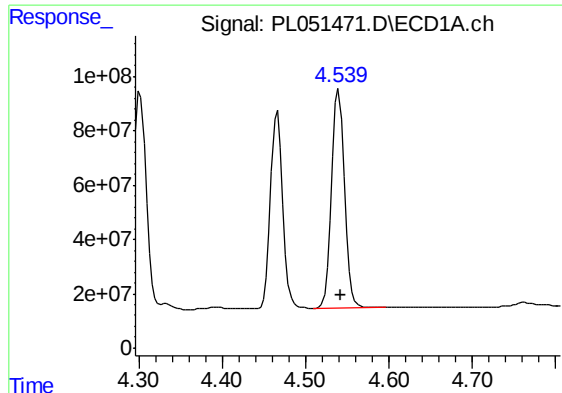
#4 Heptachlor

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 887548043
Conc: 54.09 ng/ml



#4 Heptachlor

R.T.: 5.099 min
Delta R.T.: -0.004 min
Response: 218436934
Conc: 52.68 ng/ml



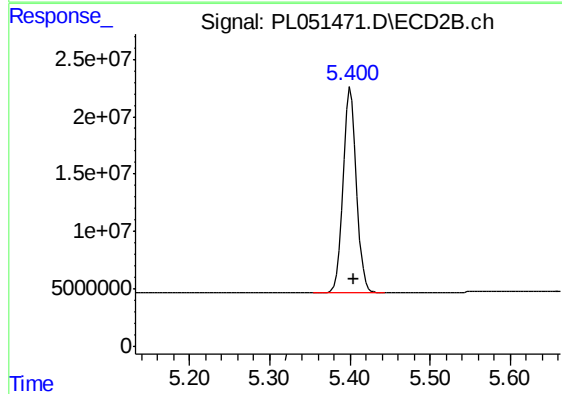
#5 Aldrin

R.T.: 4.540 min
Delta R.T.: -0.003 min
Response: 874789778
Conc: 56.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

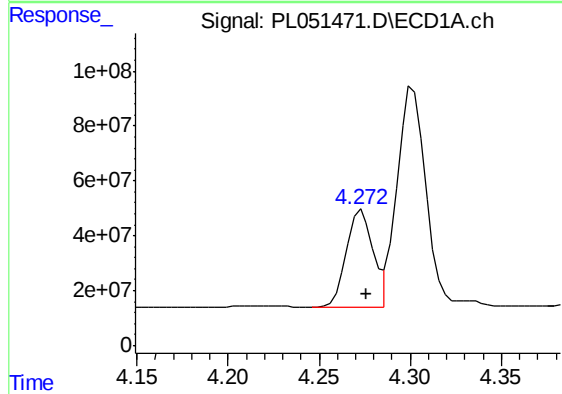
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



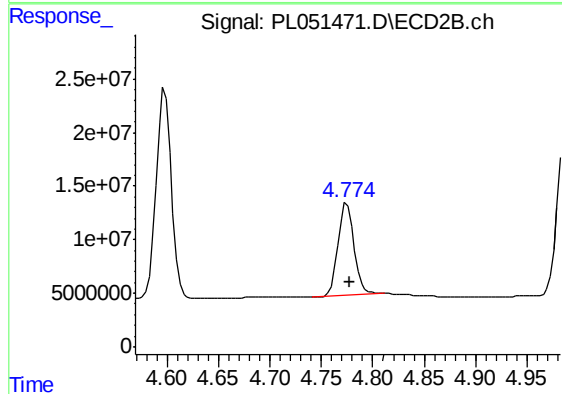
#5 Aldrin

R.T.: 5.401 min
Delta R.T.: -0.004 min
Response: 208816654
Conc: 55.41 ng/ml



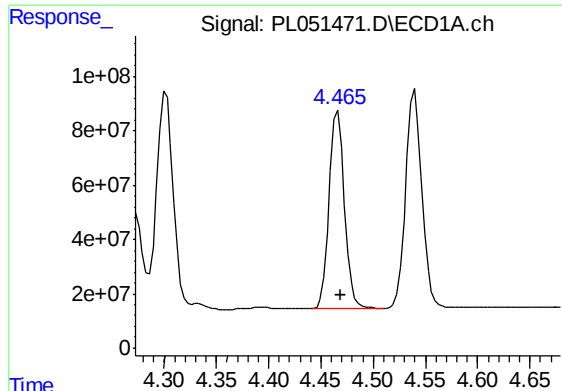
#6 beta-BHC

R.T.: 4.273 min
Delta R.T.: -0.002 min
Response: 351142961
Conc: 53.56 ng/ml



#6 beta-BHC

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 94190053
Conc: 54.48 ng/ml



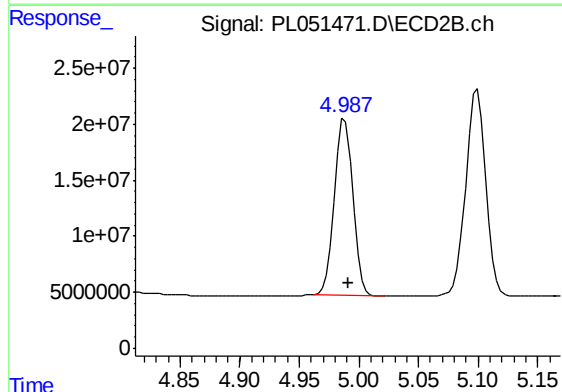
#7 delta-BHC

R.T.: 4.466 min
Delta R.T.: -0.003 min
Response: 741895462
Conc: 45.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

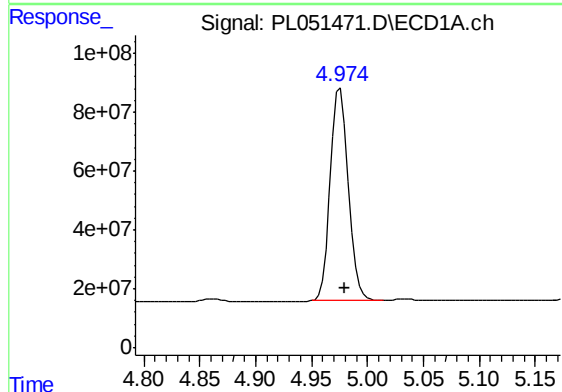
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



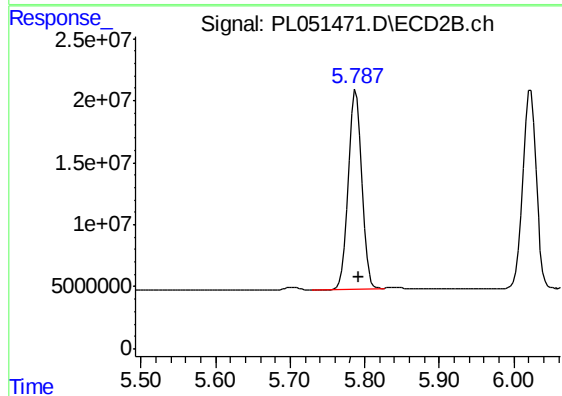
#7 delta-BHC

R.T.: 4.988 min
Delta R.T.: -0.003 min
Response: 168627940
Conc: 43.60 ng/ml



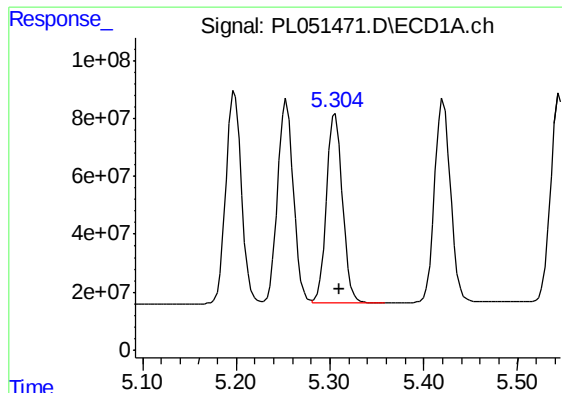
#8 Heptachlor epoxide

R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 808969051
Conc: 54.76 ng/ml



#8 Heptachlor epoxide

R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 195658133
Conc: 51.15 ng/ml



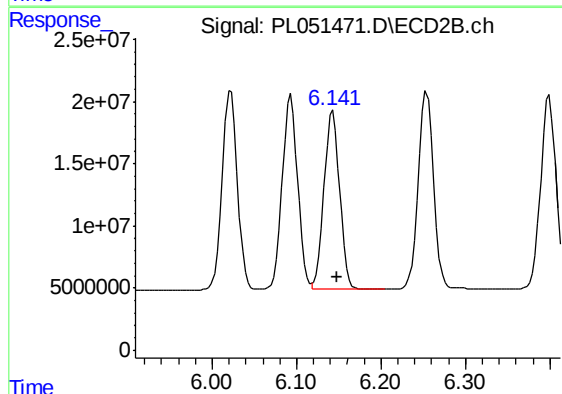
#9 Endosulfan I

R.T.: 5.306 min
Delta R.T.: -0.004 min
Response: 777947866
Conc: 53.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

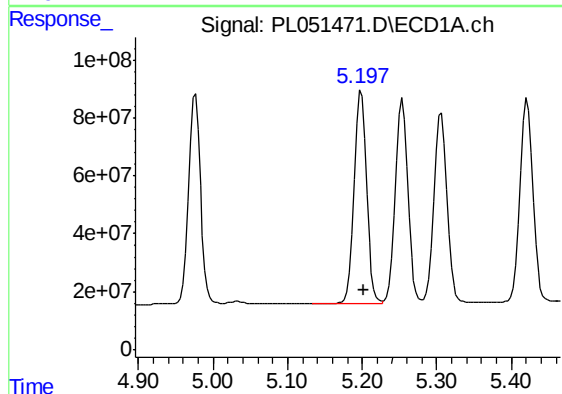
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



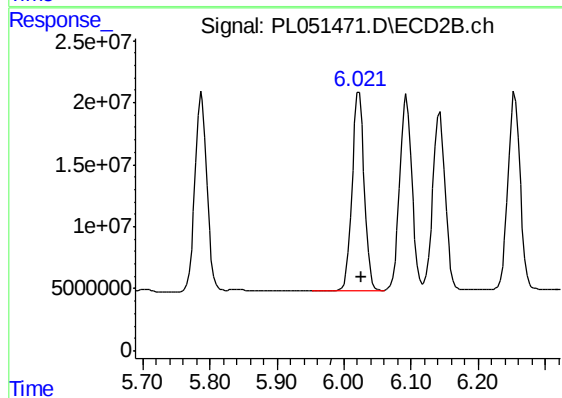
#9 Endosulfan I

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 185815991
Conc: 54.03 ng/ml



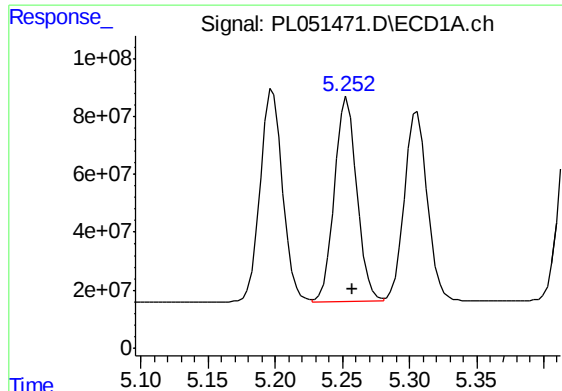
#10 gamma-Chlordane

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 849675838
Conc: 53.83 ng/ml



#10 gamma-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 200700097
Conc: 54.31 ng/ml



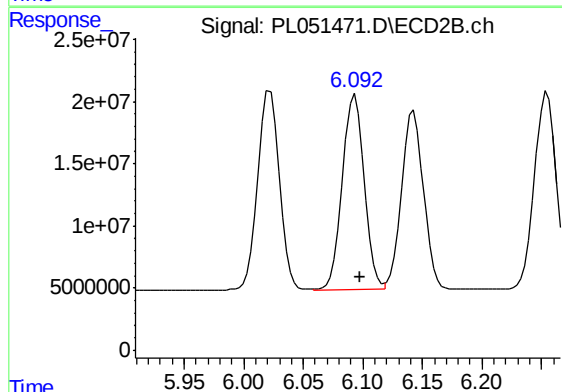
#11 alpha-Chlordane

R.T.: 5.254 min
Delta R.T.: -0.004 min
Response: 816775989
Conc: 53.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

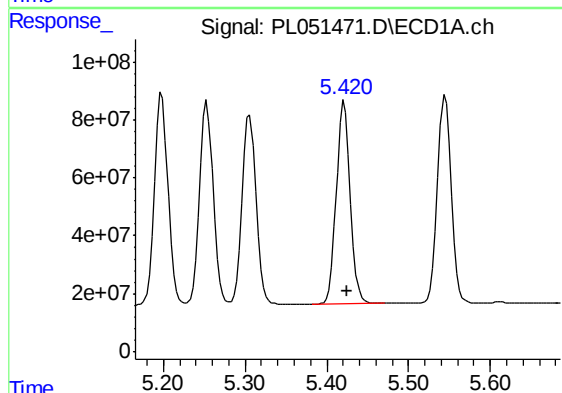
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



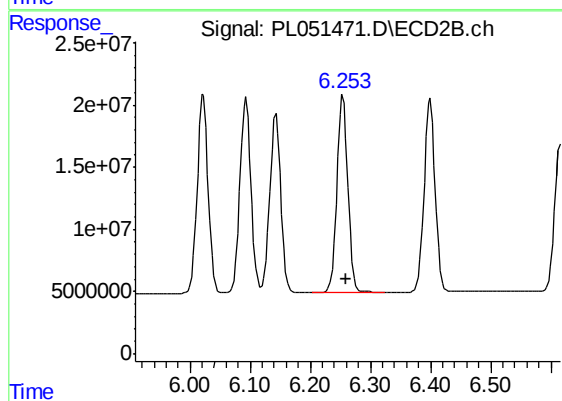
#11 alpha-Chlordane

R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 199124895
Conc: 54.33 ng/ml



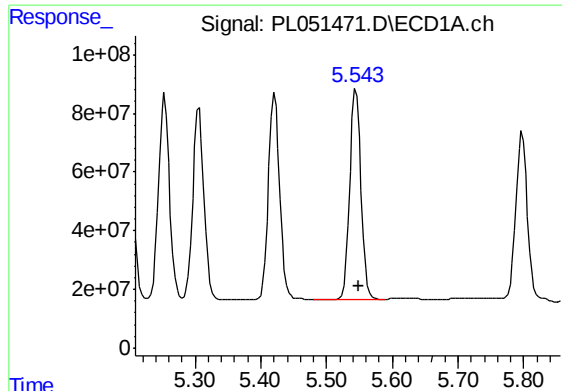
#12 4,4'-DDE

R.T.: 5.421 min
Delta R.T.: -0.004 min
Response: 827096372
Conc: 55.19 ng/ml



#12 4,4'-DDE

R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 201369881
Conc: 55.88 ng/ml



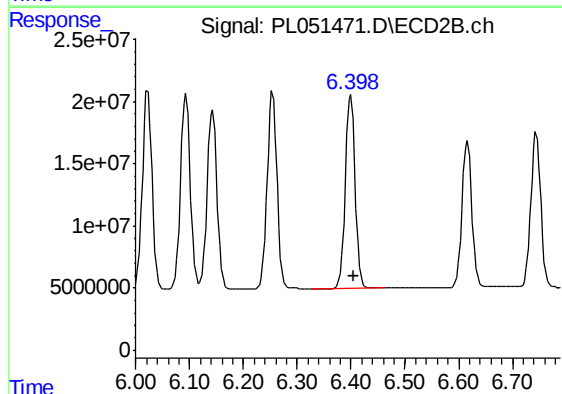
#13 Dieldrin

R.T.: 5.545 min
Delta R.T.: -0.004 min
Response: 841299531
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

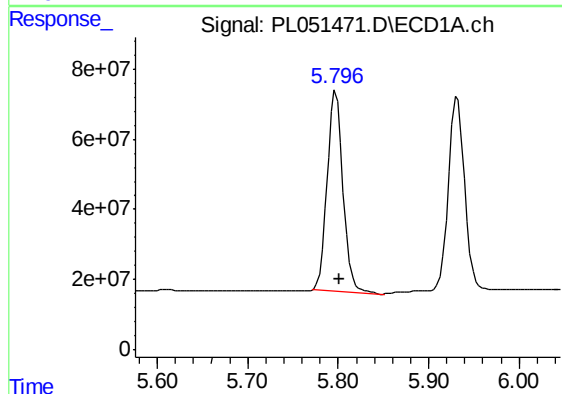
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



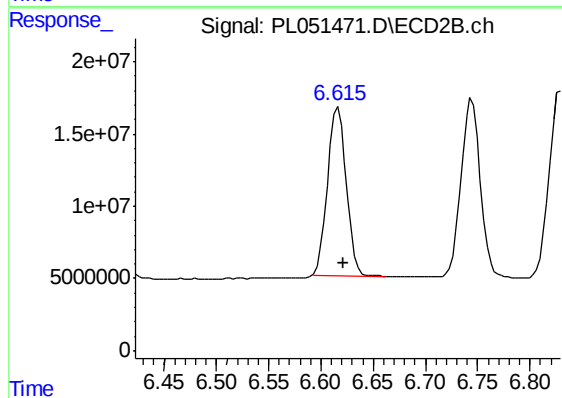
#13 Dieldrin

R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 196768312
Conc: 55.57 ng/ml



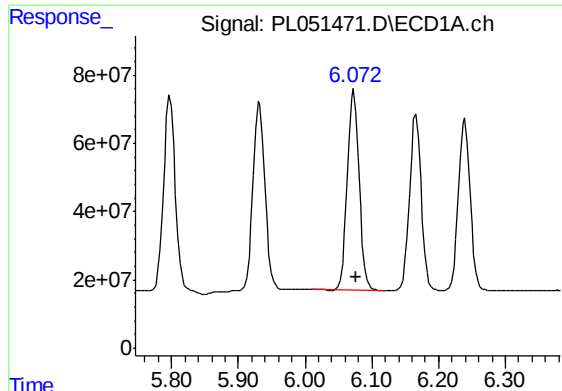
#14 Endrin

R.T.: 5.798 min
Delta R.T.: -0.004 min
Response: 699784757
Conc: 47.54 ng/ml



#14 Endrin

R.T.: 6.616 min
Delta R.T.: -0.005 min
Response: 145080104
Conc: 46.78 ng/ml



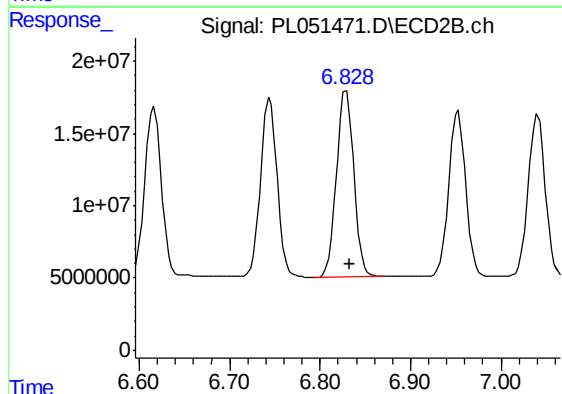
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 718894690
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

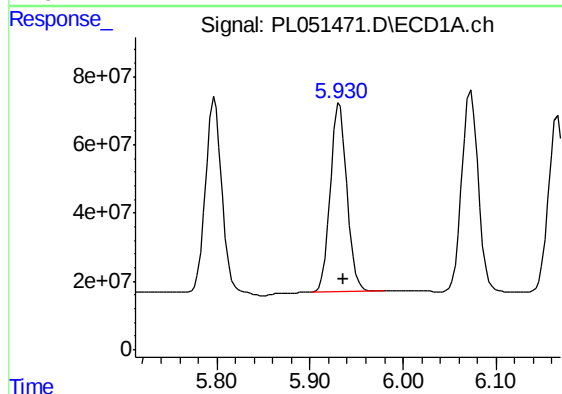
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



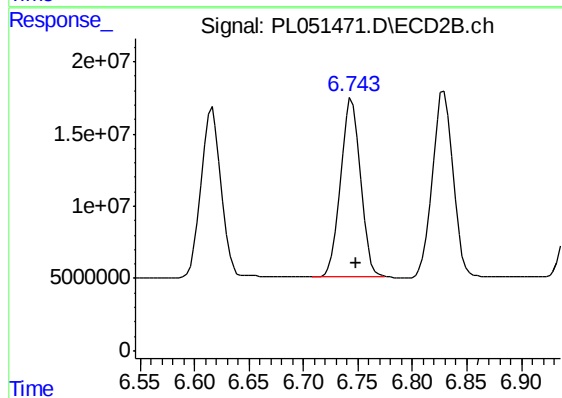
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.004 min
Response: 171124641
Conc: 53.83 ng/ml



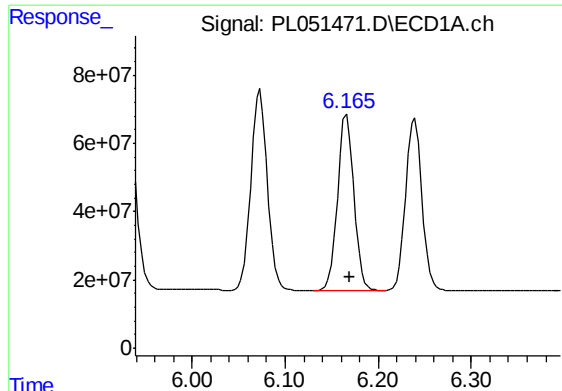
#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.004 min
Response: 682912024
Conc: 56.99 ng/ml



#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: -0.006 min
Response: 157004058
Conc: 58.96 ng/ml m



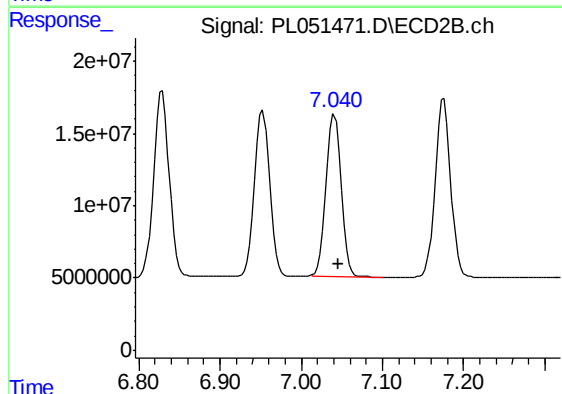
#17 4,4'-DDT

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 627449454
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

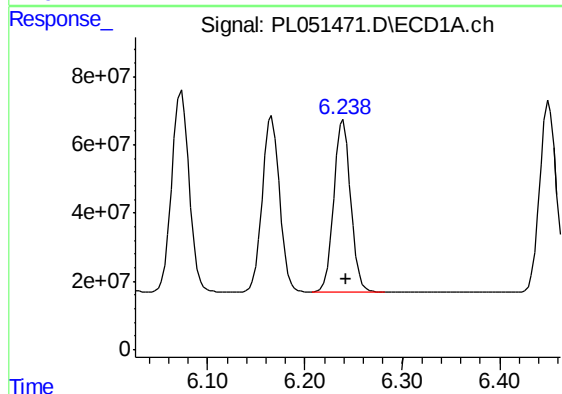
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



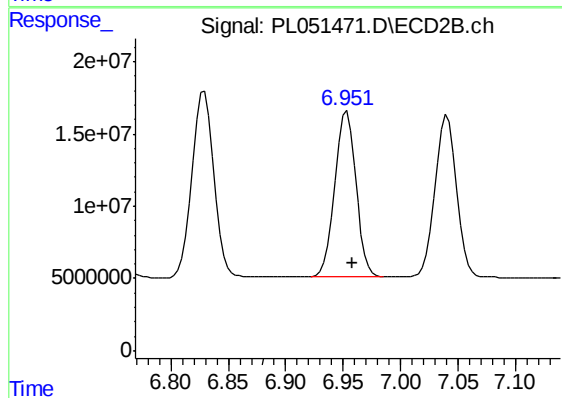
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: -0.005 min
Response: 144093930
Conc: 53.38 ng/ml



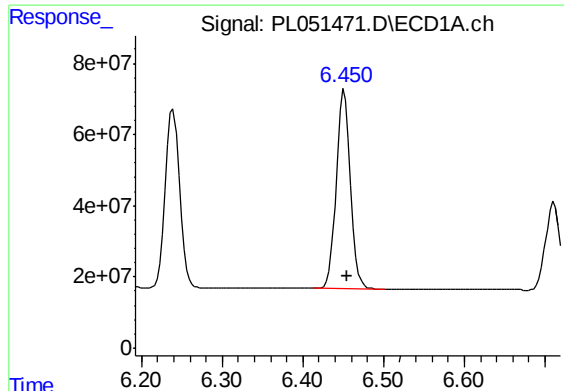
#18 Endrin aldehyde

R.T.: 6.239 min
Delta R.T.: -0.003 min
Response: 613904479
Conc: 53.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.951 min
Delta R.T.: -0.006 min
Response: 149023910
Conc: 54.84 ng/ml m



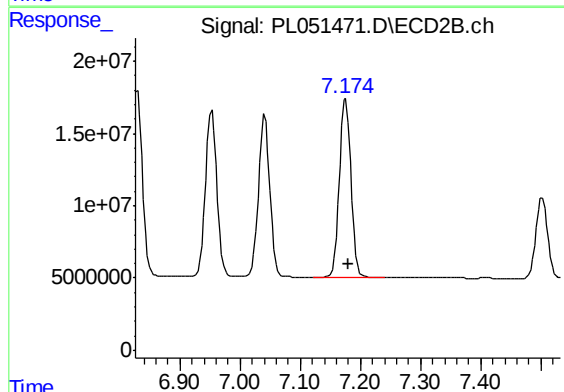
#19 Endosulfan Sulfate

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 689190669
Conc: 54.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

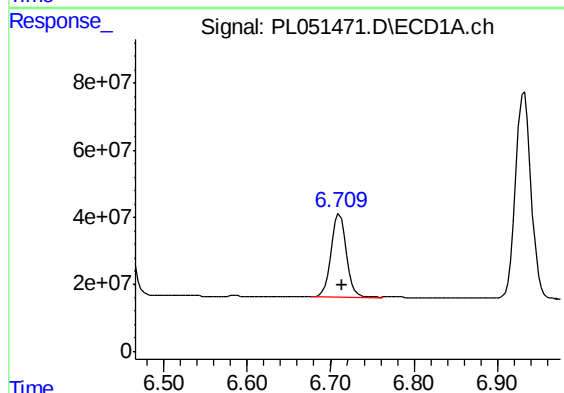
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



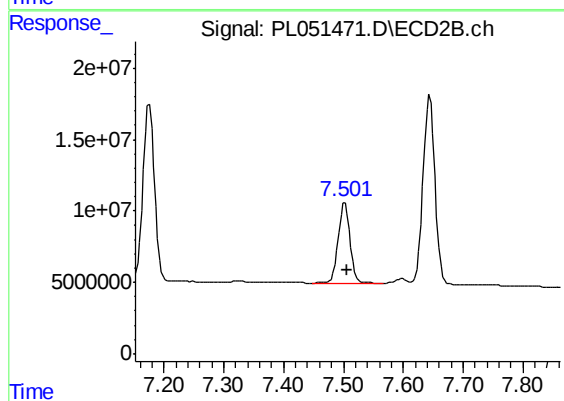
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 165155510
Conc: 57.18 ng/ml



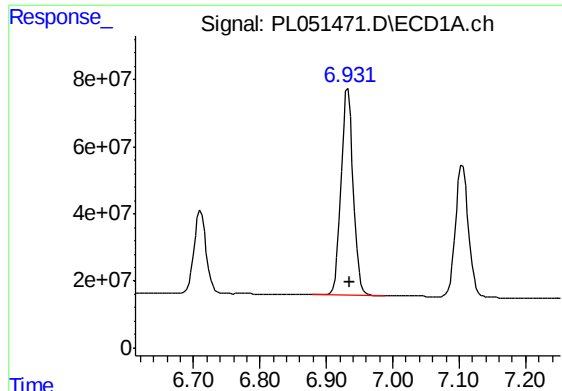
#20 Methoxychlor

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 312025794
Conc: 50.01 ng/ml



#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.005 min
Response: 78757163
Conc: 53.68 ng/ml



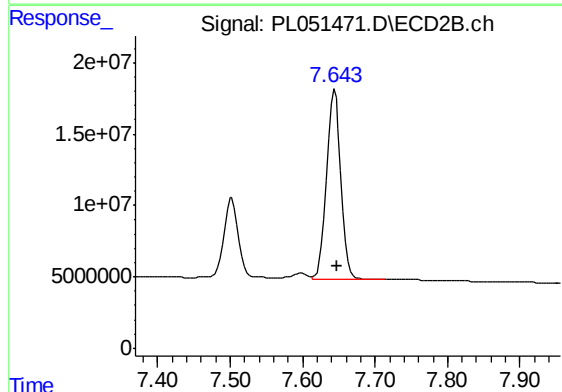
#21 Endrin ketone

R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 792074501
Conc: 57.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

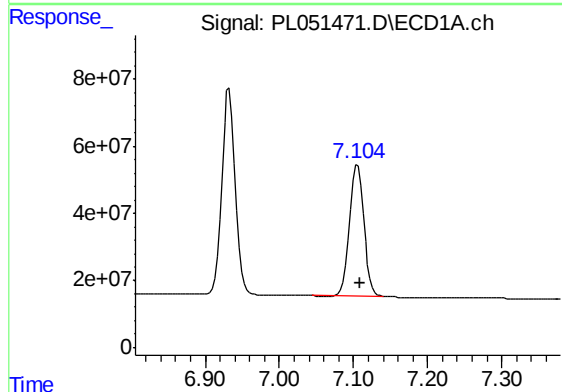
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



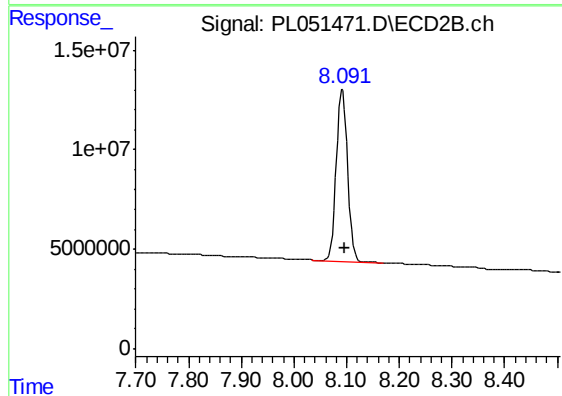
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 181830024
Conc: 62.89 ng/ml



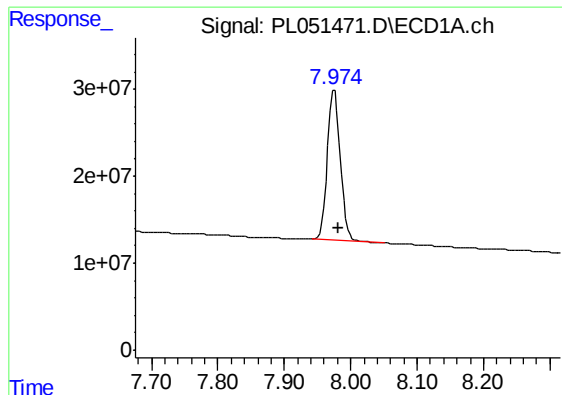
#22 Mirex

R.T.: 7.105 min
Delta R.T.: -0.004 min
Response: 527141572
Conc: 53.77 ng/ml



#22 Mirex

R.T.: 8.092 min
Delta R.T.: -0.005 min
Response: 128678072
Conc: 56.02 ng/ml



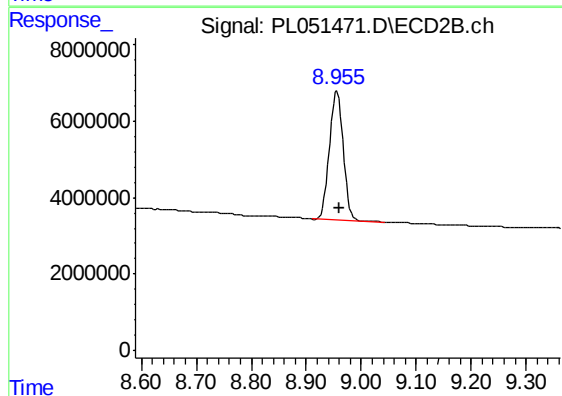
#28 Decachlorobiphenyl

R.T.: 7.976 min
Delta R.T.: -0.005 min
Response: 233439177
Conc: 23.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB122257BSD

Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:15 PM



#28 Decachlorobiphenyl

R.T.: 8.956 min
Delta R.T.: -0.006 min
Response: 59305653
Conc: 20.97 ng/ml