

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080519\
 Data File : PL051051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2019 21:06
 Operator : SM\AJ
 Sample : K4093-02MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PL-02-080119MS

Manual Integrations
 APPROVED

Ankita
 8/6/2019 3:14:35 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 00:56:36 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...	3.318	3.928	226.9E6	66227954	22.579	23.212
28)	SA Decachlor...	7.978	8.957	232.9E6	65015452	22.997	22.991
Target Compounds							
2)	A alpha-BHC	3.746	4.316	1144.3E6	289.6E6	68.285	70.178
3)	MA gamma-BHC...	4.021	4.599	1053.5E6	276.8E6	68.493	71.478
4)	MA Heptachlor	4.304	5.101	1148.2E6	288.7E6	69.979	69.612
5)	MB Aldrin	4.543	5.403	1087.7E6	268.5E6	70.215	71.242
6)	B beta-BHC	4.275	4.776	443.8E6	125.3E6	67.694	72.473
7)	B delta-BHC	4.468	4.990	1042.4E6	240.8E6	63.525	62.251
8)	B Heptachlo...	4.979	5.790	1018.3E6	254.4E6	68.924	66.504
9)	A Endosulfan I	5.309	6.144	986.4E6	239.5E6	67.824	69.645
10)	B gamma-Chl...	5.201	6.024	1094.0E6	261.9E6	69.315	70.876
11)	B alpha-Chl...	5.257	6.095	1046.5E6	257.3E6	68.595	70.195
12)	B 4,4'-DDE	5.424	6.255	1042.0E6	257.7E6	69.531	71.518
13)	MA Dieldrin	5.548	6.401	1088.0E6	255.4E6	70.211	72.118
14)	MA Endrin	5.800	6.618	1028.0E6	219.1E6	69.835	70.659
15)	B Endosulfa...	6.075	6.830	954.7E6	224.6E6	68.217	70.651
16)	A 4,4'-DDD	5.935	6.746	842.6E6	193.9E6	70.309	72.804
17)	MA 4,4'-DDT	6.168	7.043	860.6E6	200.2E6	69.484	74.154
18)	B Endrin al...	6.241	6.953	760.7E6	186.8E6	65.935	68.748m
19)	B Endosulfa...	6.453	7.177	828.0E6	200.3E6	64.998	69.352
20)	A Methoxychlor	6.713	7.503	409.4E6	104.7E6	65.625	71.347
21)	B Endrin ke...	6.935	7.645	916.9E6	214.9E6	67.039	74.334
22)	Mirex	7.107	8.094	603.8E6	152.1E6	61.581	66.233

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080519\
Data File : PL051051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2019 21:06
Operator : SM\AJ
Sample : K4093-02MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

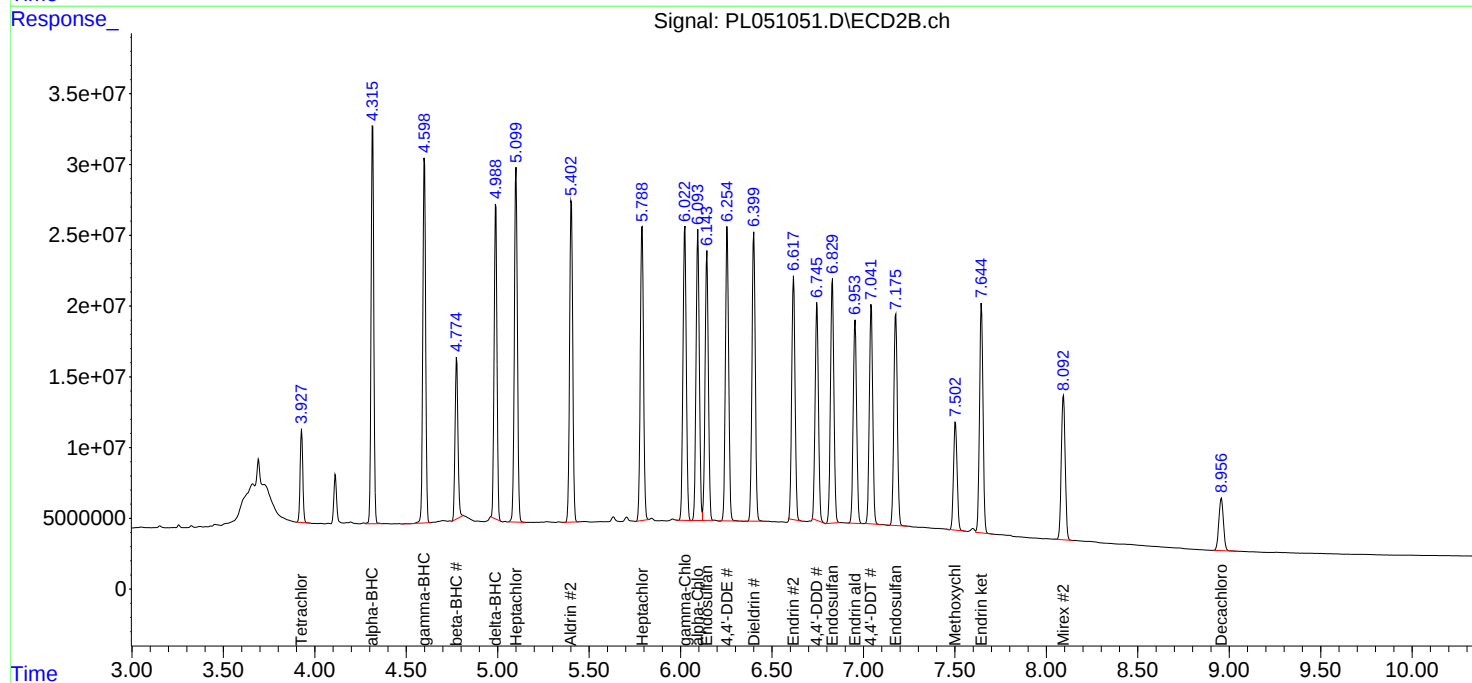
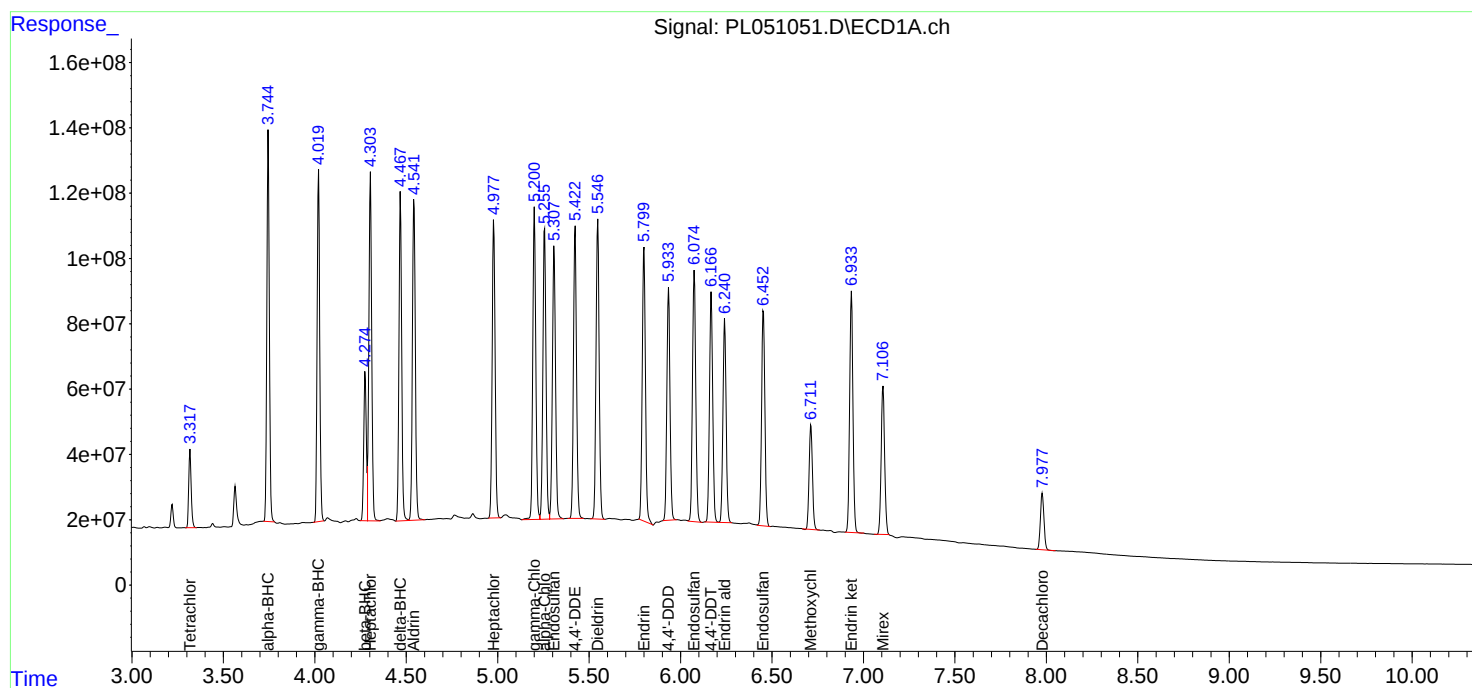
Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

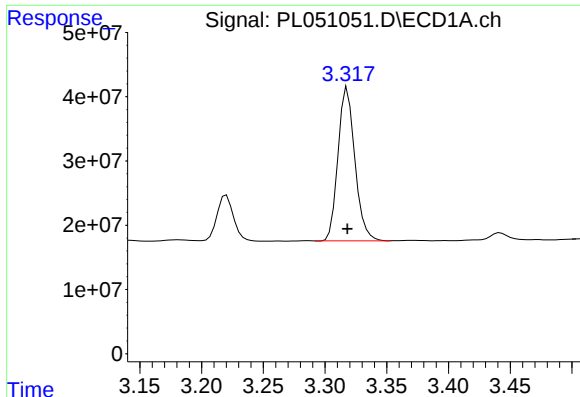
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 00:56:36 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





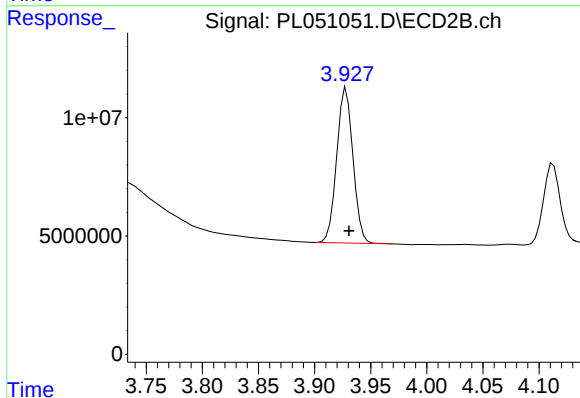
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 226865316
Conc: 22.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

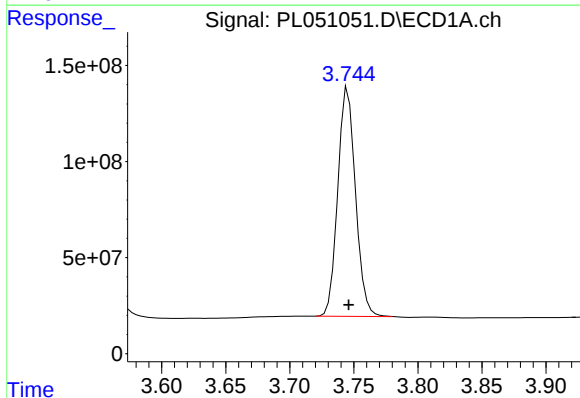
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



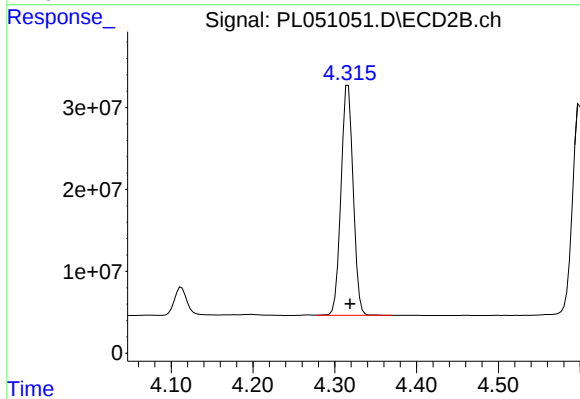
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.002 min
Response: 66227954
Conc: 23.21 ng/ml



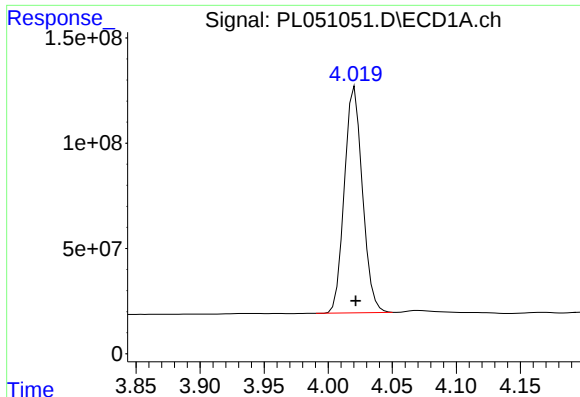
#2 alpha-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 1144303260
Conc: 68.29 ng/ml



#2 alpha-BHC

R.T.: 4.316 min
Delta R.T.: -0.002 min
Response: 289552802
Conc: 70.18 ng/ml



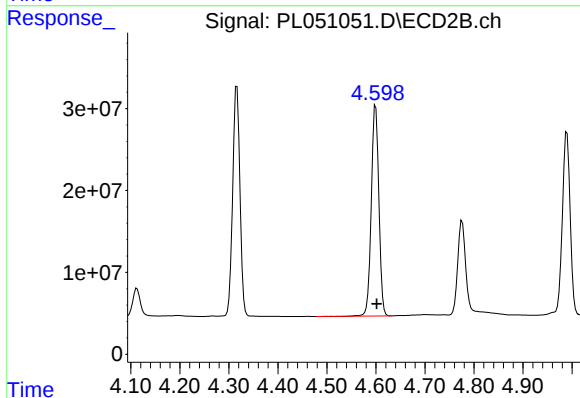
#3 gamma-BHC (Lindane)

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 1053539887
Conc: 68.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

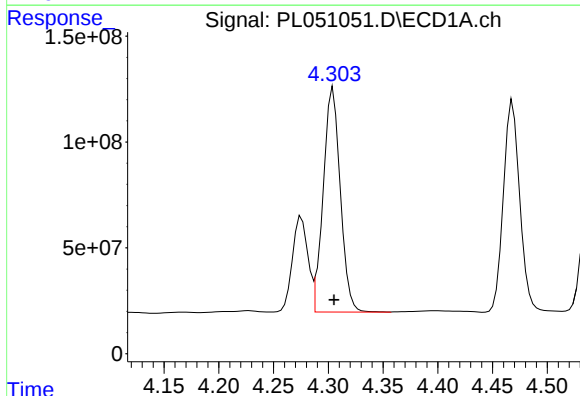
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



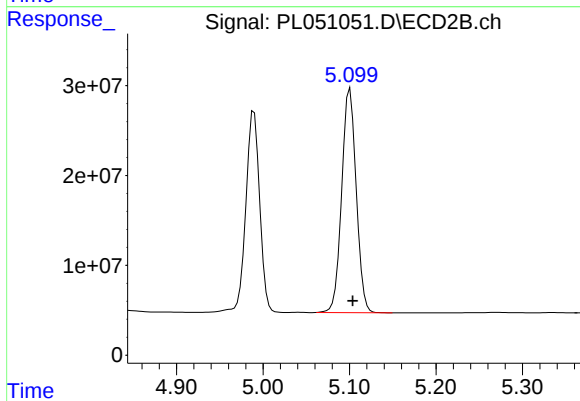
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 276848653
Conc: 71.48 ng/ml



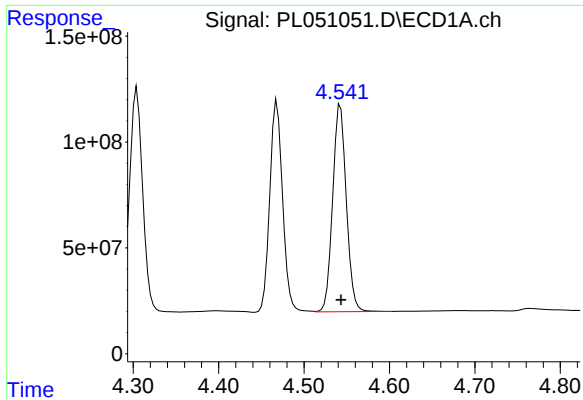
#4 Heptachlor

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 1148203483
Conc: 69.98 ng/ml



#4 Heptachlor

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 288660904
Conc: 69.61 ng/ml



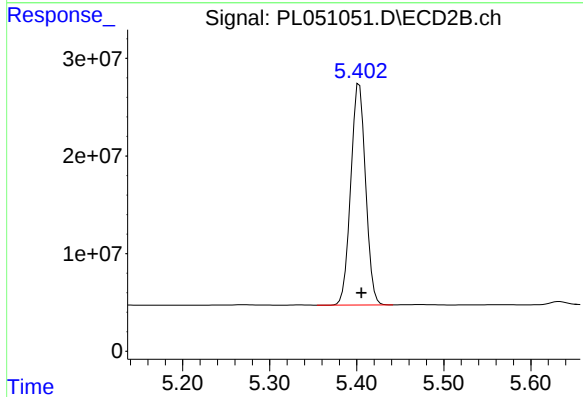
#5 Aldrin

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 1087737953
Conc: 70.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

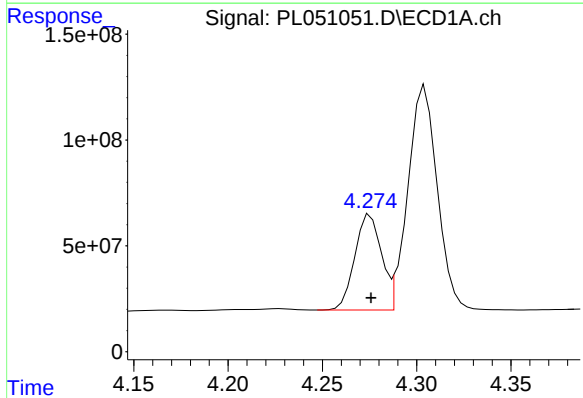
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



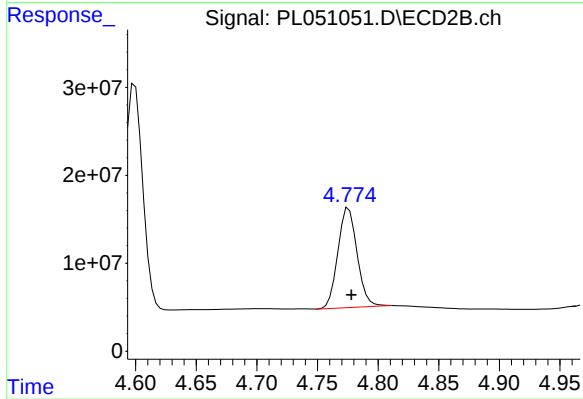
#5 Aldrin

R.T.: 5.403 min
Delta R.T.: -0.003 min
Response: 268466023
Conc: 71.24 ng/ml



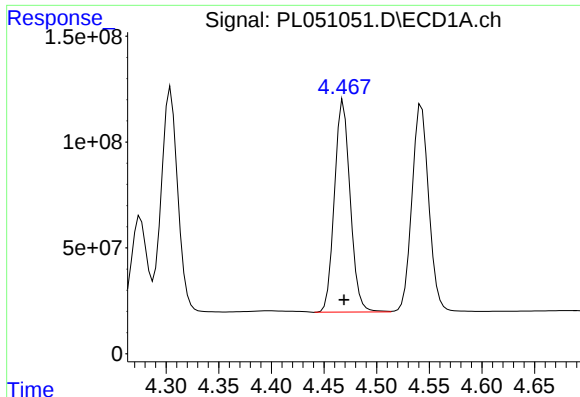
#6 beta-BHC

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 443793501
Conc: 67.69 ng/ml



#6 beta-BHC

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 125295939
Conc: 72.47 ng/ml



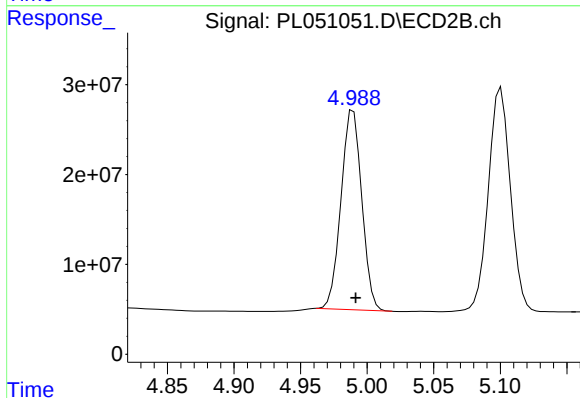
#7 delta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 1042365878
Conc: 63.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

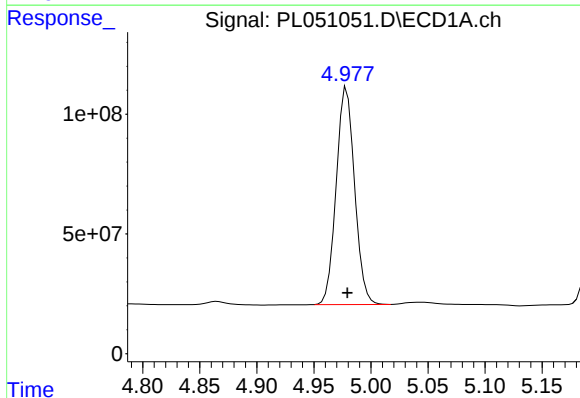
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



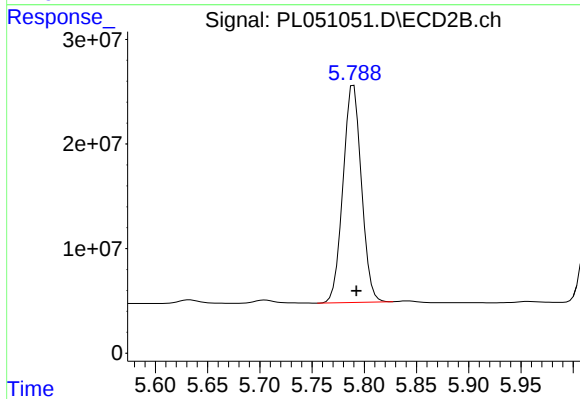
#7 delta-BHC

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 240761663
Conc: 62.25 ng/ml



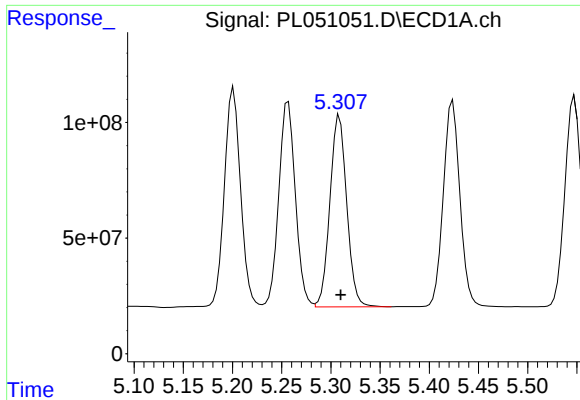
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 1018266976
Conc: 68.92 ng/ml



#8 Heptachlor epoxide

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 254365697
Conc: 66.50 ng/ml



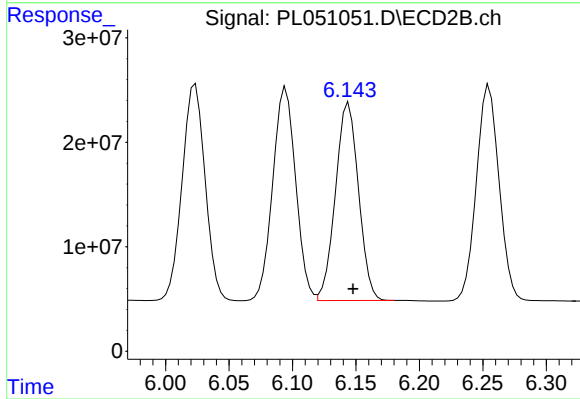
#9 Endosulfan I

R.T.: 5.309 min
Delta R.T.: -0.001 min
Response: 986416444
Conc: 67.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

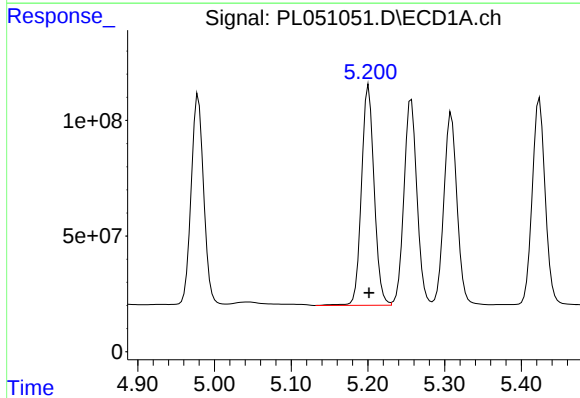
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



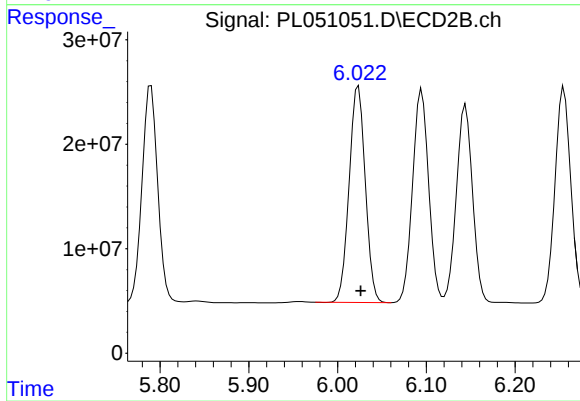
#9 Endosulfan I

R.T.: 6.144 min
Delta R.T.: -0.003 min
Response: 239501919
Conc: 69.65 ng/ml



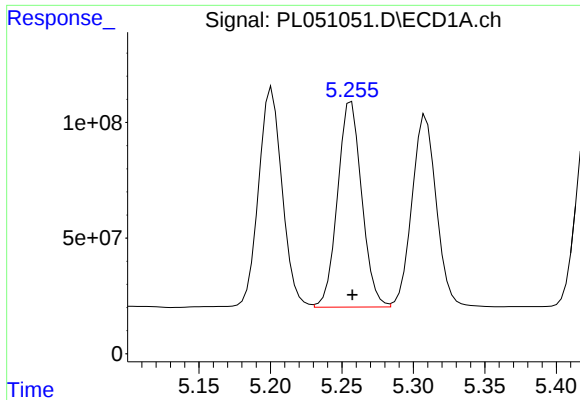
#10 gamma-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 1094006961
Conc: 69.31 ng/ml



#10 gamma-Chlordane

R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 261906418
Conc: 70.88 ng/ml



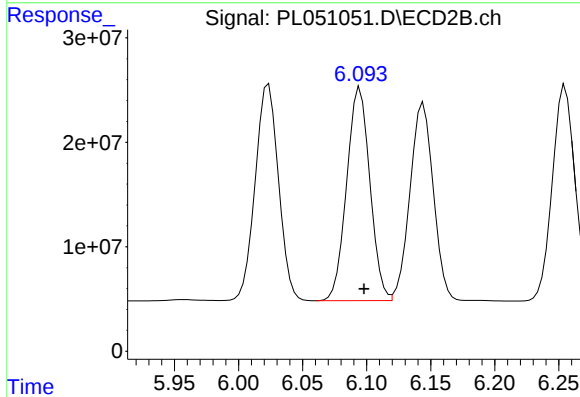
#11 alpha-Chlordane

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 1046483219
Conc: 68.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

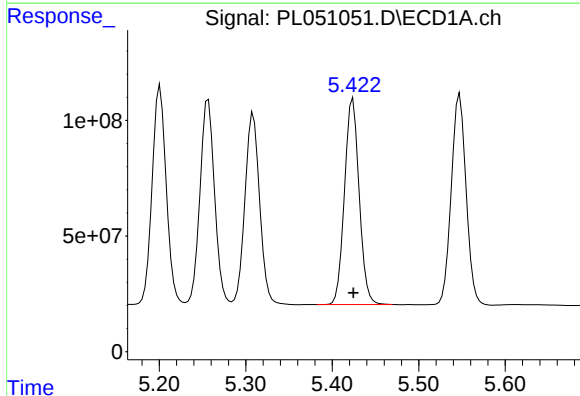
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



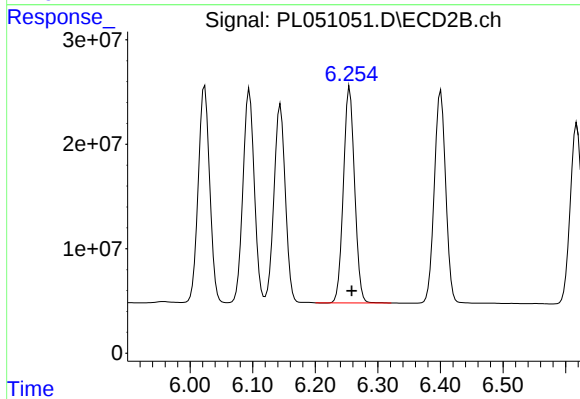
#11 alpha-Chlordane

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 257276474
Conc: 70.20 ng/ml



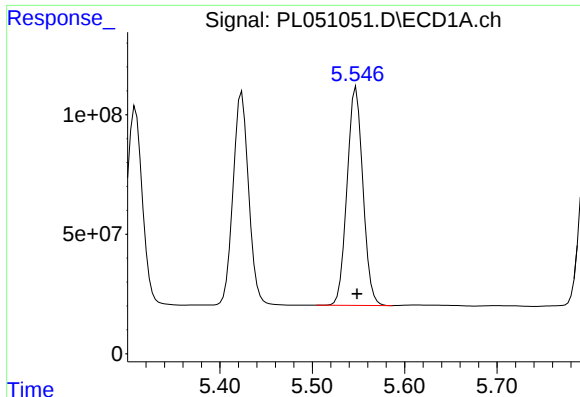
#12 4,4'-DDE

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 1041988726
Conc: 69.53 ng/ml



#12 4,4'-DDE

R.T.: 6.255 min
Delta R.T.: -0.003 min
Response: 257705980
Conc: 71.52 ng/ml



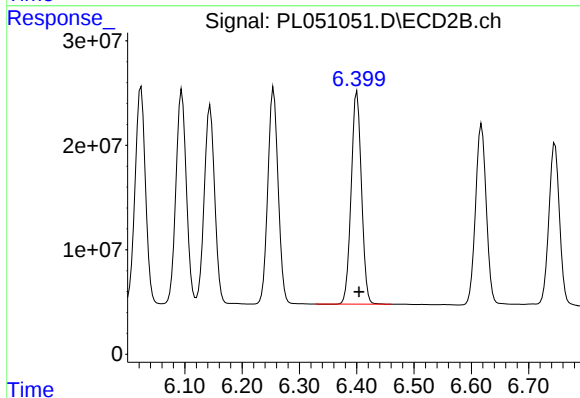
#13 Dieldrin

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 1088035416
Conc: 70.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

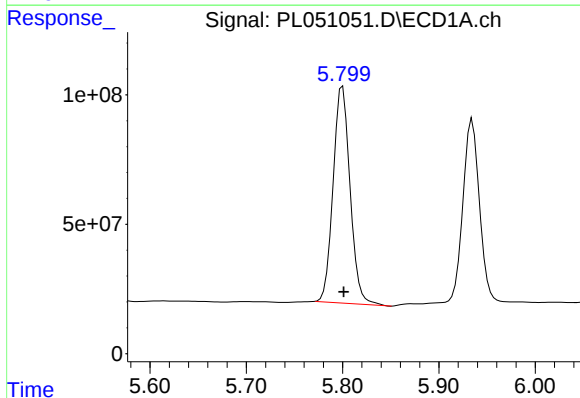
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



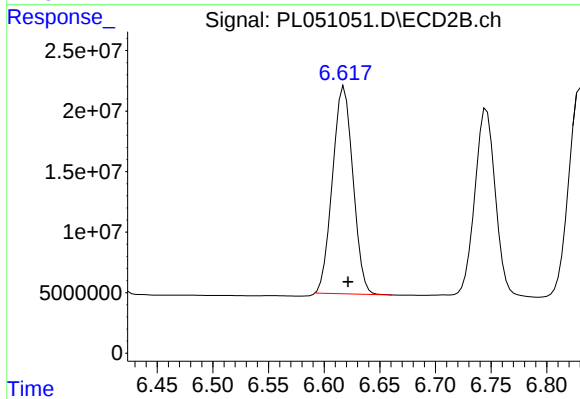
#13 Dieldrin

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 255381250
Conc: 72.12 ng/ml



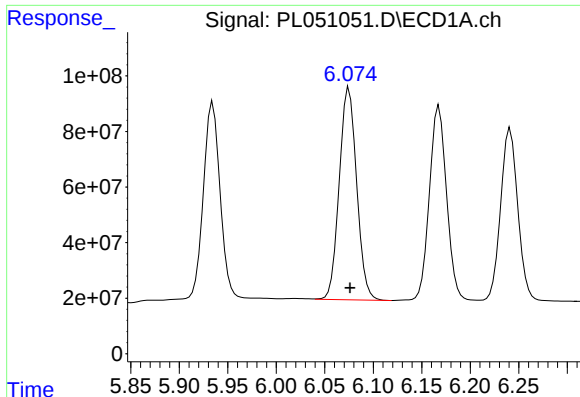
#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 1028003419
Conc: 69.83 ng/ml



#14 Endrin

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 219145870
Conc: 70.66 ng/ml



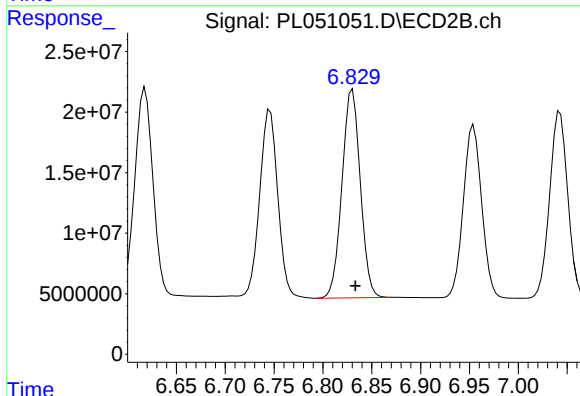
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 954684635
Conc: 68.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

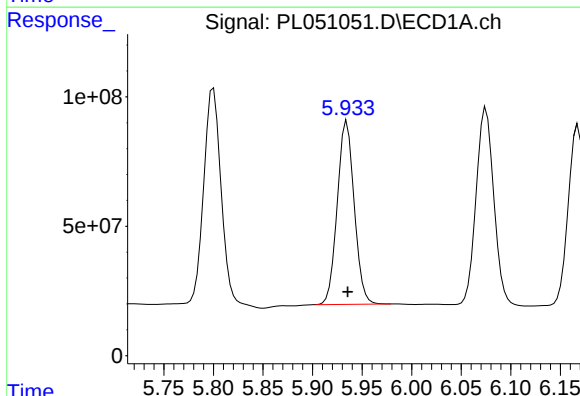
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



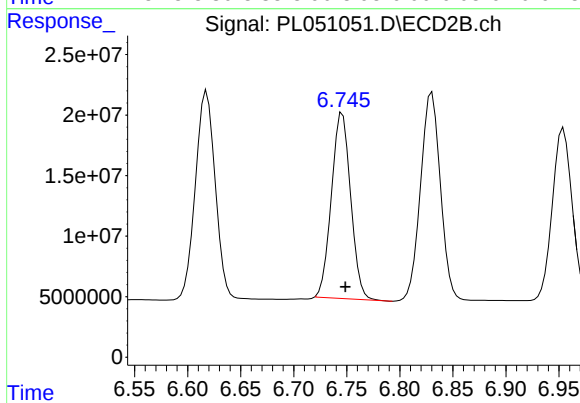
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 224612284
Conc: 70.65 ng/ml



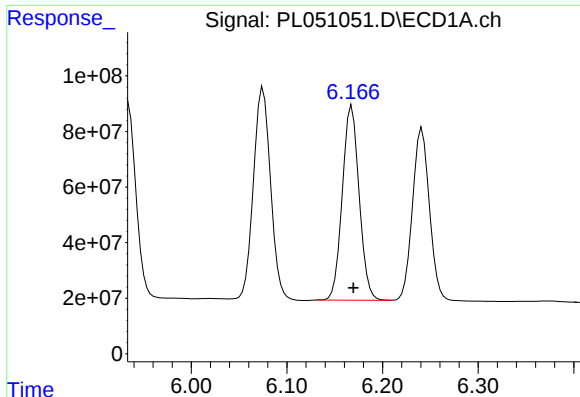
#16 4,4'-DDD

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 842574951
Conc: 70.31 ng/ml



#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 193870297
Conc: 72.80 ng/ml



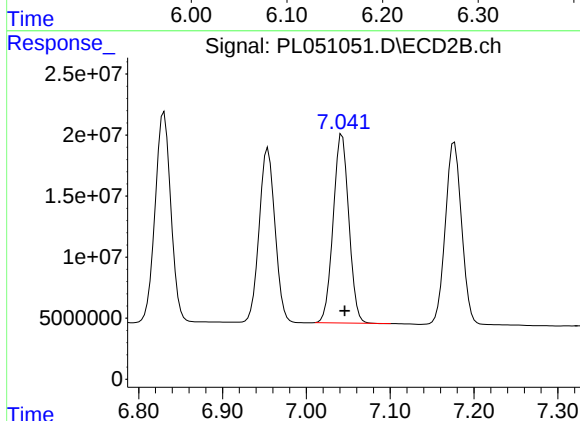
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 860616500
Conc: 69.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

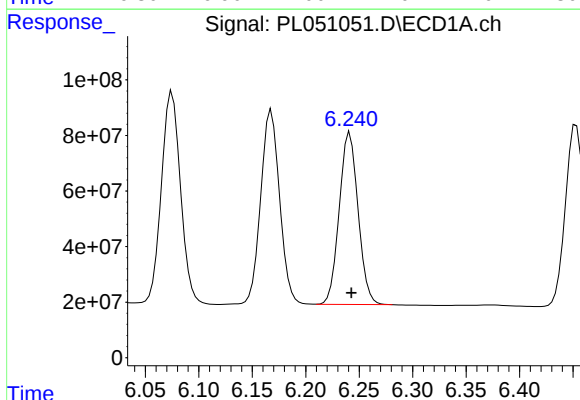
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



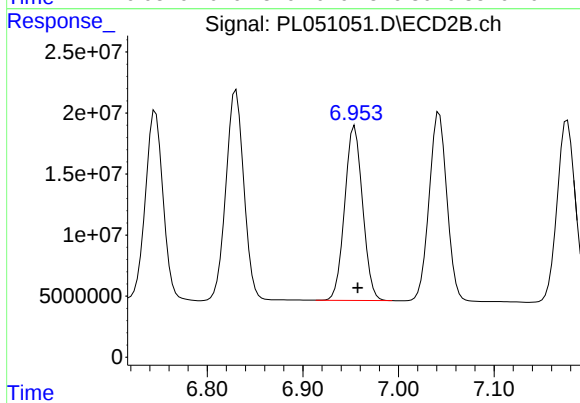
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: -0.003 min
Response: 200186803
Conc: 74.15 ng/ml



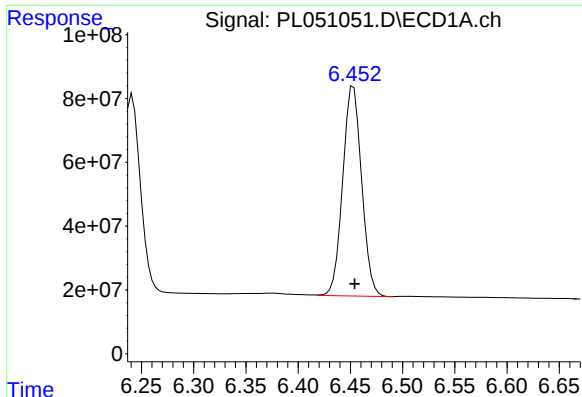
#18 Endrin aldehyde

R.T.: 6.241 min
Delta R.T.: -0.001 min
Response: 760650181
Conc: 65.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.953 min
Delta R.T.: -0.005 min
Response: 186830548
Conc: 68.75 ng/ml m



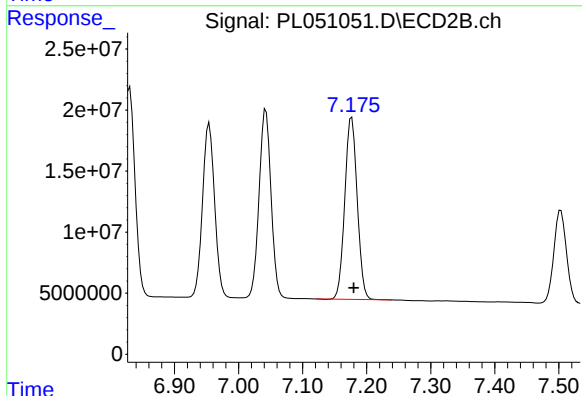
#19 Endosulfan Sulfate

R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 828043472
Conc: 65.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

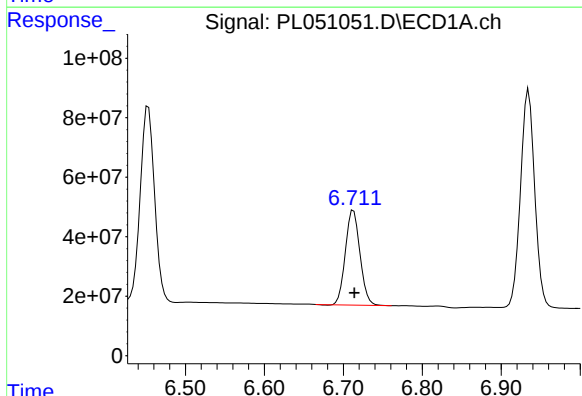
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



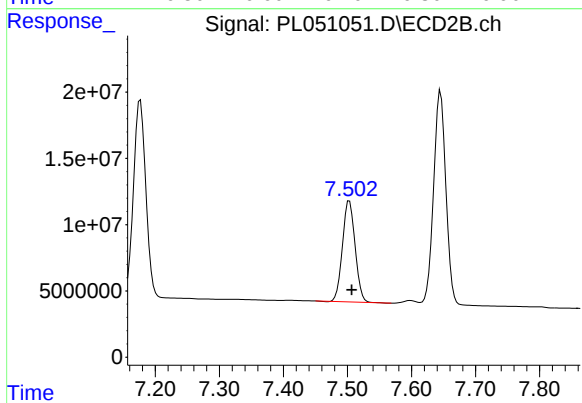
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 200306901
Conc: 69.35 ng/ml



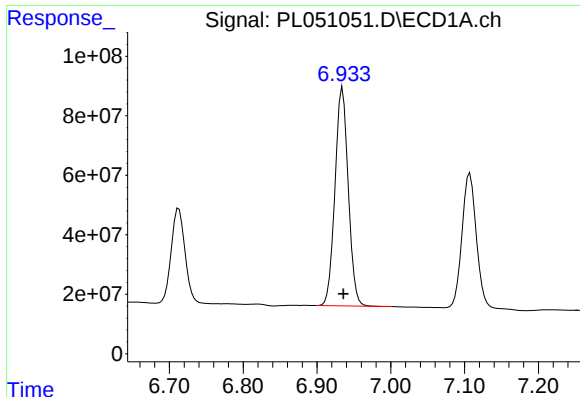
#20 Methoxychlor

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 409430695
Conc: 65.63 ng/ml



#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.004 min
Response: 104684665
Conc: 71.35 ng/ml



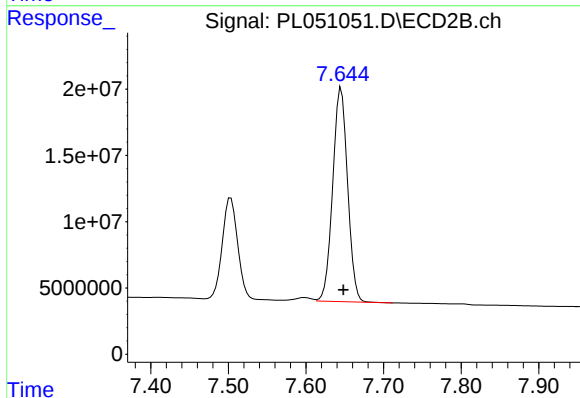
#21 Endrin ketone

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 916926879
Conc: 67.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

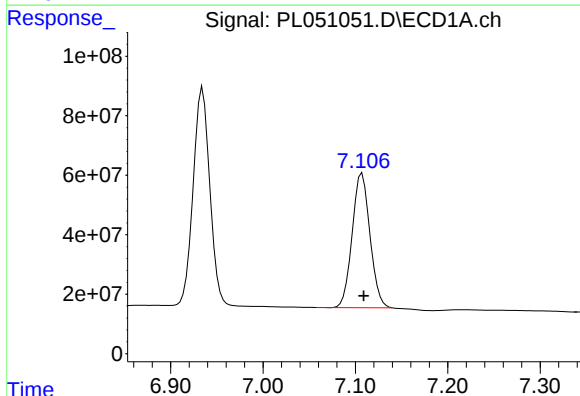
Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



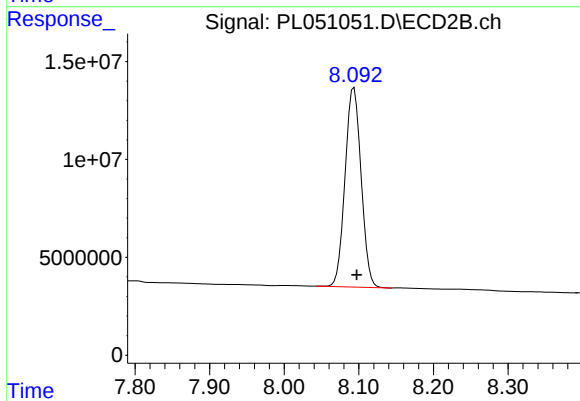
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 214921405
Conc: 74.33 ng/ml



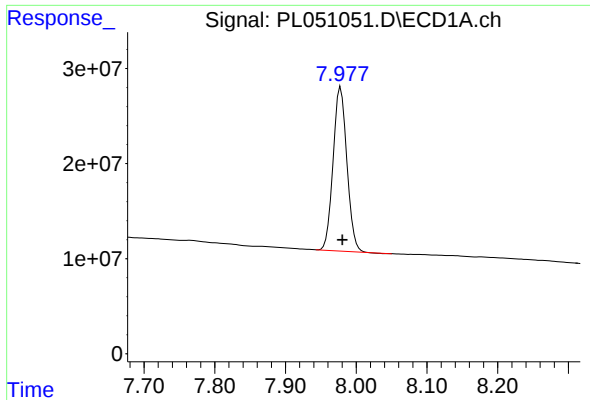
#22 Mirex

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 603762269
Conc: 61.58 ng/ml



#22 Mirex

R.T.: 8.094 min
Delta R.T.: -0.004 min
Response: 152136250
Conc: 66.23 ng/ml



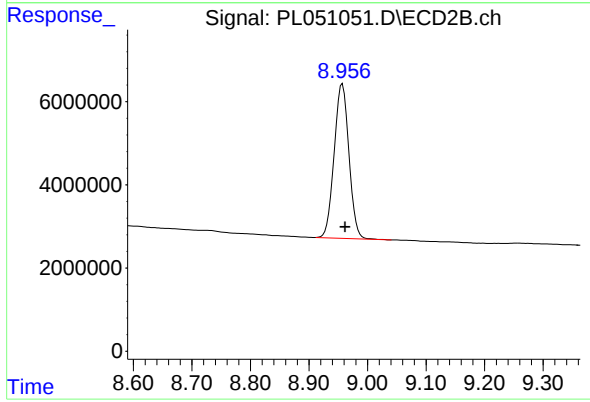
#28 Decachlorobiphenyl

R.T.: 7.978 min
Delta R.T.: -0.002 min
Response: 232856827
Conc: 23.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MS

Manual Integrations
APPROVED

Ankita
8/6/2019 3:14:35 PM



#28 Decachlorobiphenyl

R.T.: 8.957 min
Delta R.T.: -0.004 min
Response: 65015452
Conc: 22.99 ng/ml