

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123119\
 Data File : PL055439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Dec 2019 18:57
 Operator : SG\AJ
 Sample : K6114-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EO-O1-122719MS

Manual Integrations
 APPROVED

mohammad
 1/2/2020 12:36:49 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 01 00:44:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 21 05:21:06 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...	3.536	4.049	205.0E6	65371523	19.492	24.741 #
28)	SA Decachlor...	8.315	9.152	204.3E6	52129446	22.021	23.615
Target Compounds							
2)	A alpha-BHC	3.977	4.441	919.6E6	248.4E6	52.859m	67.435 #
3)	MA gamma-BHC...	4.265	4.726	837.4E6	228.0E6	50.790	66.682 #
4)	MA Heptachlor	4.570	5.236	885.2E6	206.0E6	54.216	65.488
5)	MB Aldrin	4.822	5.541	852.8E6	200.3E6	55.849	69.575
6)	B beta-BHC	4.516	4.897	360.3E6	97958890	52.543	59.651
7)	B delta-BHC	4.724	5.115	748.2E6	184.6E6	49.429	66.027 #
8)	B Heptachlo...	5.266	5.929	769.8E6	174.8E6	53.875	68.586 #
9)	A Endosulfan I	5.608	6.287	705.7E6	162.6E6	53.409	65.651
10)	B gamma-Chl...	5.494	6.164	784.3E6	176.8E6	53.829	66.617
11)	B alpha-Chl...	5.553	6.236	750.3E6	171.3E6	53.290	65.338
12)	B 4,4'-DDE	5.716	6.393	725.8E6	165.2E6	54.462	67.743
13)	MA Dieldrin	5.853	6.545	773.6E6	171.8E6	55.412	67.323
14)	MA Endrin	6.111	6.763	656.4E6	135.6E6	51.647	63.203
15)	B Endosulfa...	6.384	6.974	624.3E6	145.9E6	53.195	61.561
16)	A 4,4'-DDD	6.233	6.886	570.9E6	135.9E6	59.438	71.482
17)	MA 4,4'-DDT	6.475	7.185	506.7E6	116.1E6	50.336	59.140
18)	B Endrin al...	6.552	7.098	503.8E6	121.4E6	51.730	62.920
19)	B Endosulfa...	6.766	7.323	592.9E6	137.4E6	58.945	65.787
20)	A Methoxychlor	7.020	7.646	235.2E6	59160863	48.812	54.816
21)	B Endrin ke...	7.260	7.797	639.7E6	151.4E6	61.032	68.004
22)	Mirex	7.451	8.254	413.2E6	98878963	54.244	59.635

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123119\
Data File : PL055439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Dec 2019 18:57
Operator : SG\AJ
Sample : K6114-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

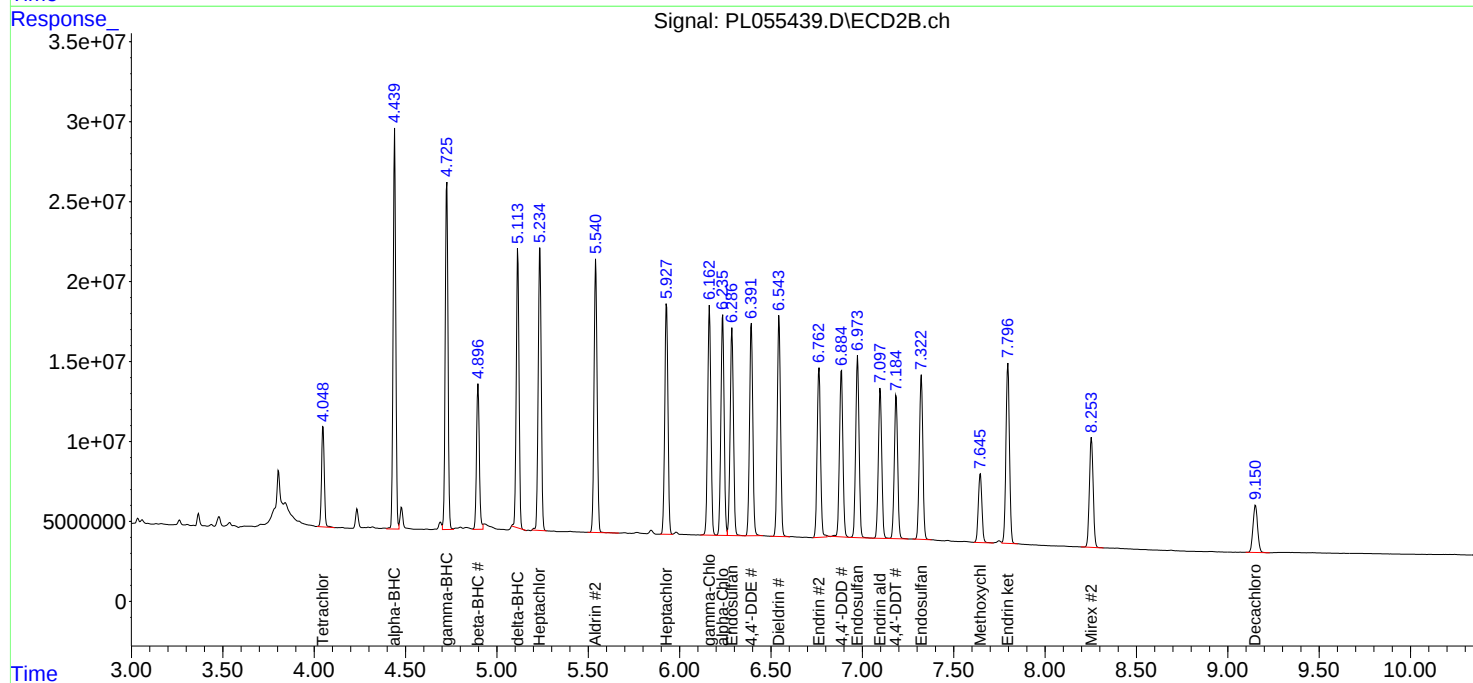
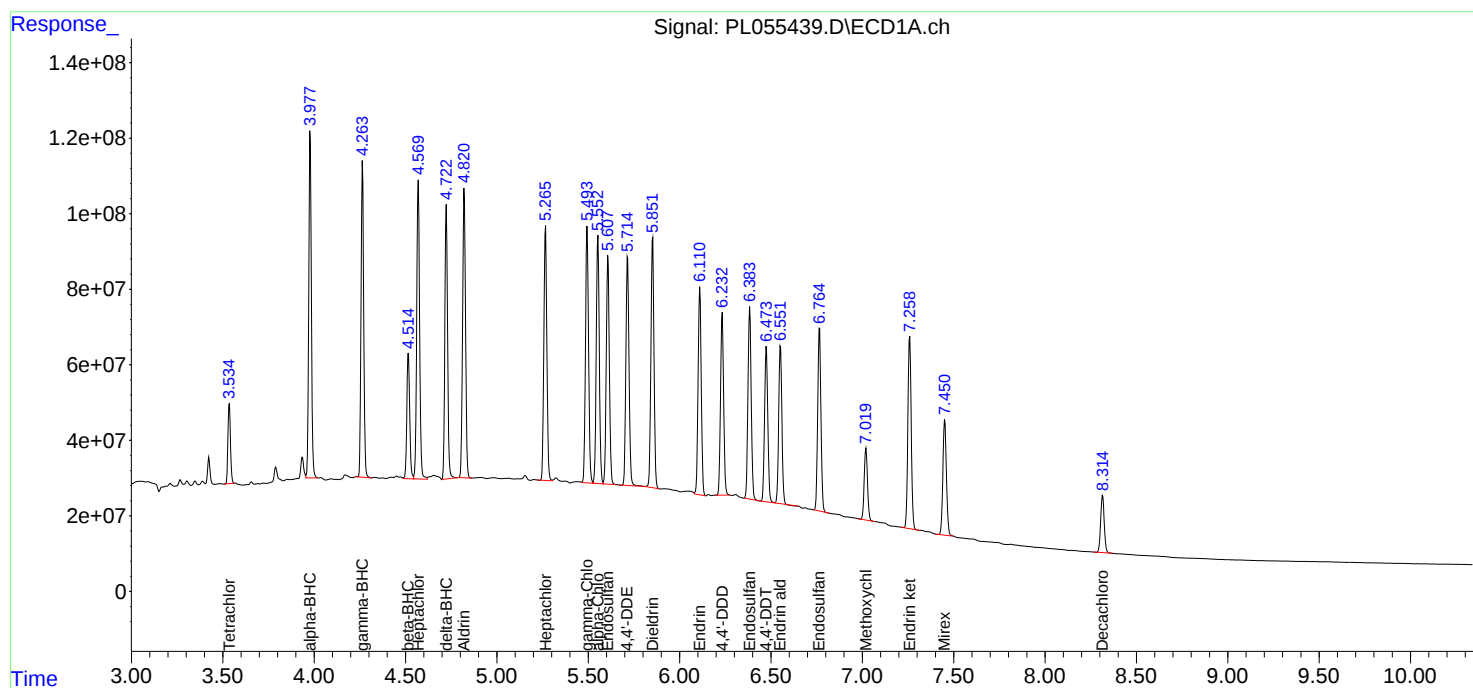
Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

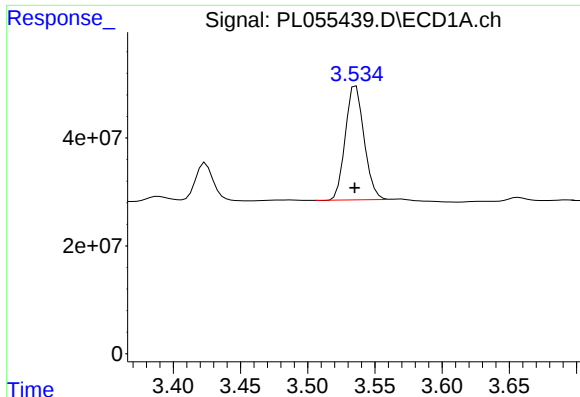
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 01 00:44:36 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
Quant Title : GC Extractables
QLast Update : Sat Dec 21 05:21:06 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





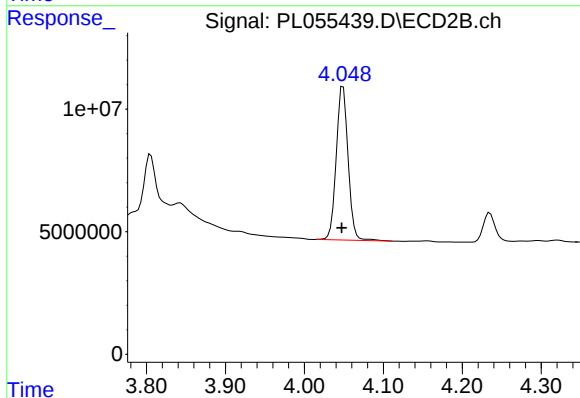
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 204991477
Conc: 19.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

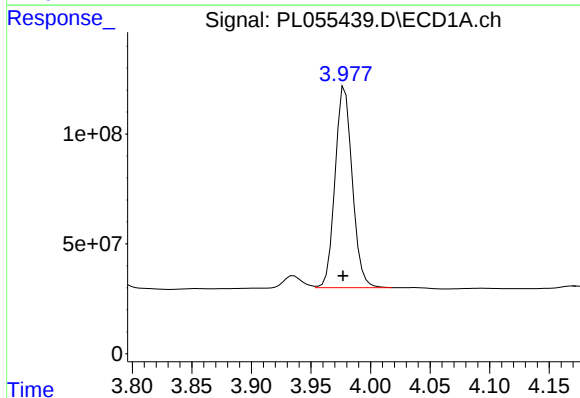
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



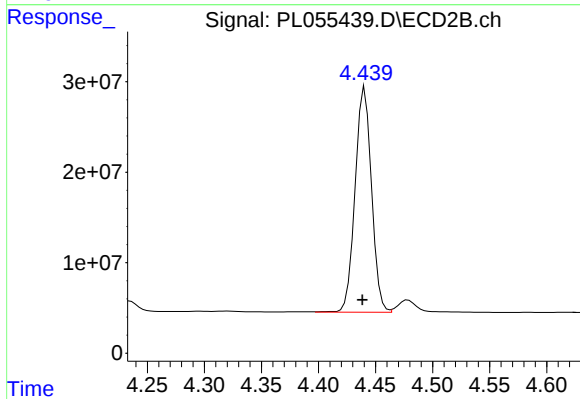
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.002 min
Response: 65371523
Conc: 24.74 ng/ml



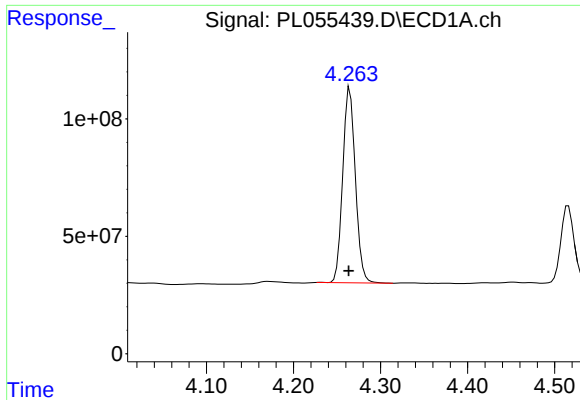
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 919617620
Conc: 52.86 ng/ml m



#2 alpha-BHC

R.T.: 4.441 min
Delta R.T.: 0.002 min
Response: 248351113
Conc: 67.44 ng/ml



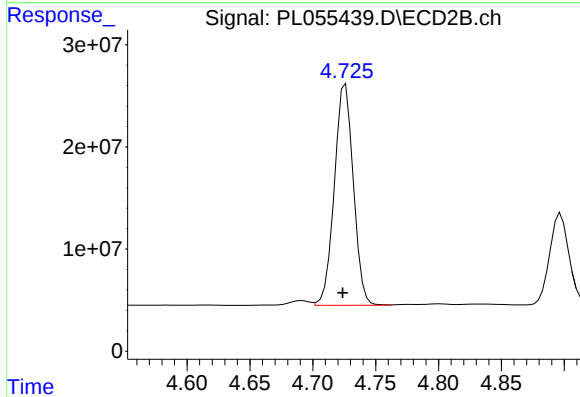
#3 gamma-BHC (Lindane)

R.T.: 4.265 min
Delta R.T.: 0.002 min
Response: 837434930
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

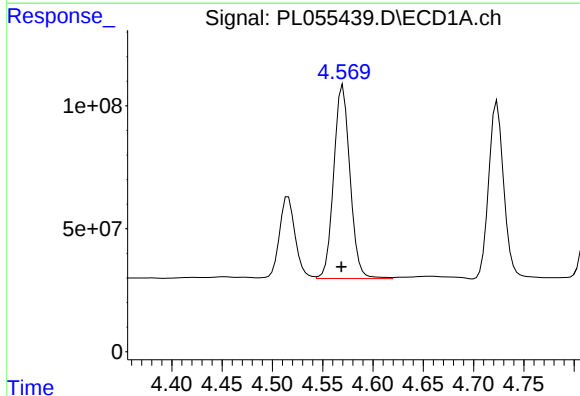
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



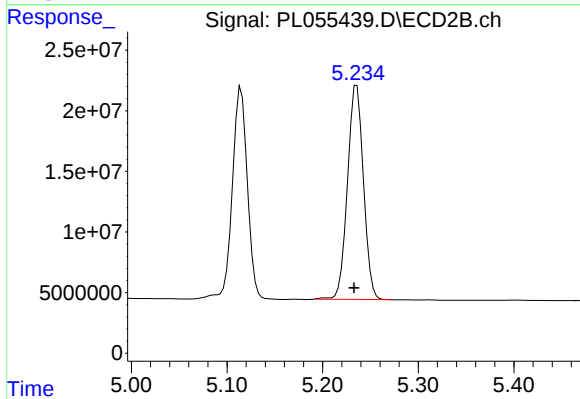
#3 gamma-BHC (Lindane)

R.T.: 4.726 min
Delta R.T.: 0.002 min
Response: 227960942
Conc: 66.68 ng/ml



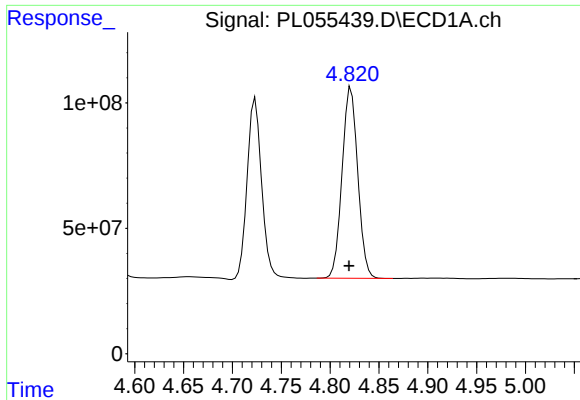
#4 Heptachlor

R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 885201179
Conc: 54.22 ng/ml



#4 Heptachlor

R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 206031808
Conc: 65.49 ng/ml



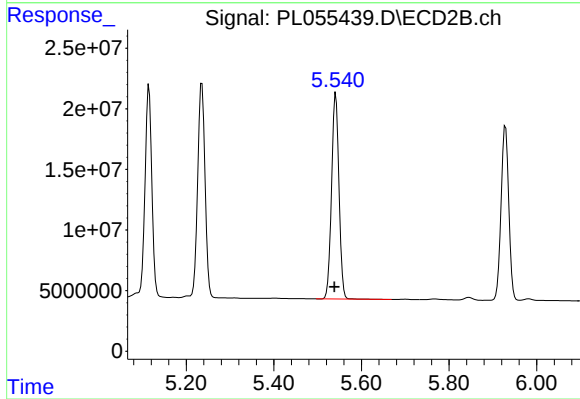
#5 Aldrin

R.T.: 4.822 min
Delta R.T.: 0.002 min
Response: 852780618
Conc: 55.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

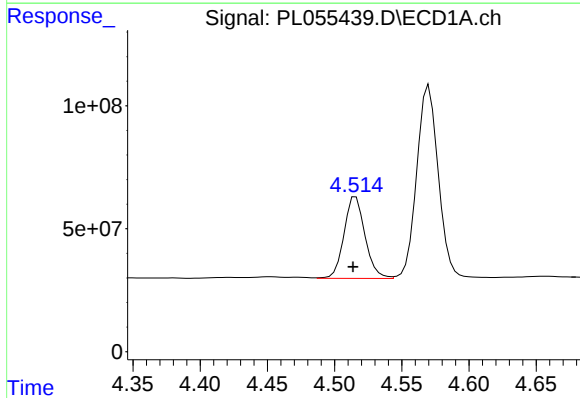
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



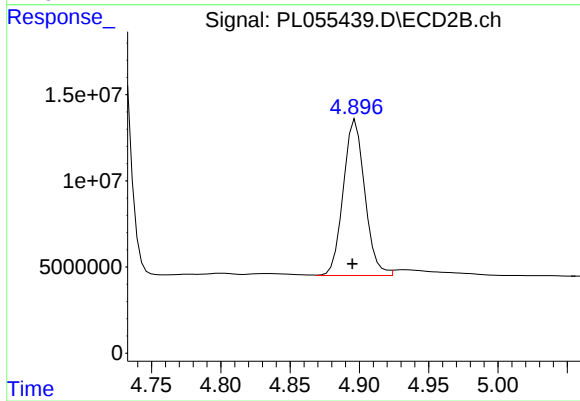
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: 0.003 min
Response: 200340699
Conc: 69.58 ng/ml



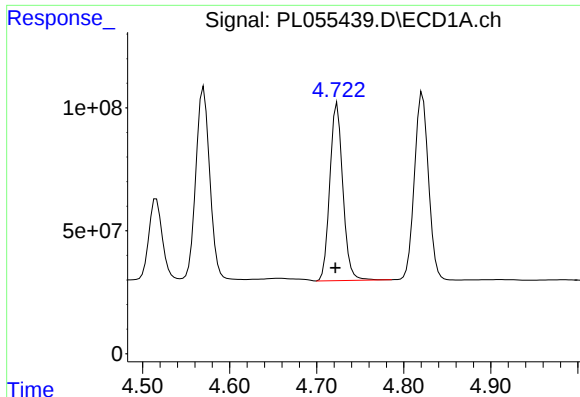
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 360314383
Conc: 52.54 ng/ml



#6 beta-BHC

R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 97958890
Conc: 59.65 ng/ml



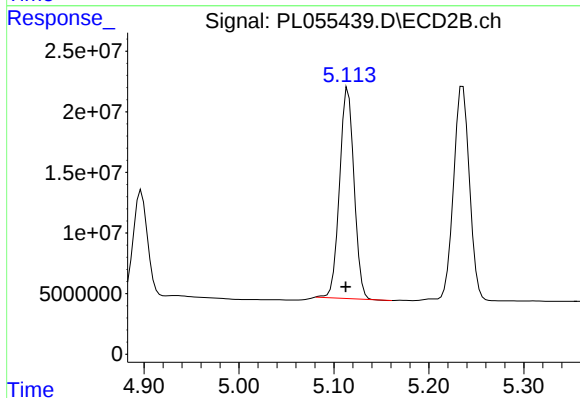
#7 delta-BHC

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 748157837
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

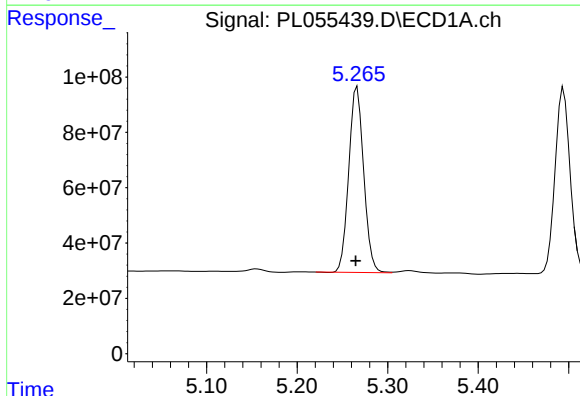
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



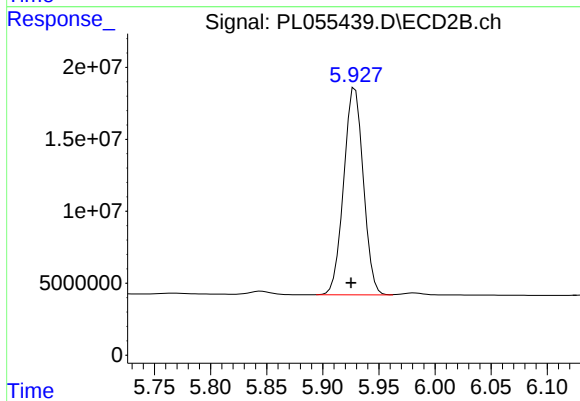
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: 0.003 min
Response: 184633383
Conc: 66.03 ng/ml



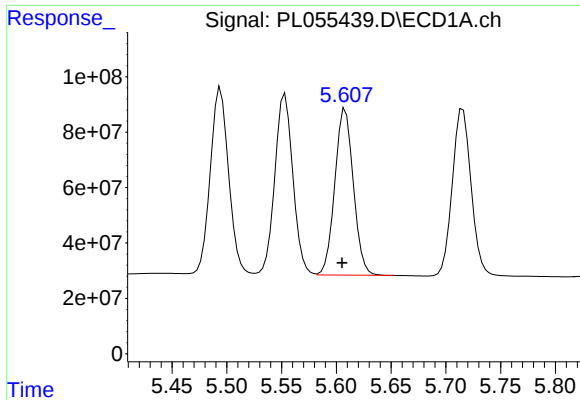
#8 Heptachlor epoxide

R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 769825293
Conc: 53.87 ng/ml



#8 Heptachlor epoxide

R.T.: 5.929 min
Delta R.T.: 0.004 min
Response: 174814708
Conc: 68.59 ng/ml



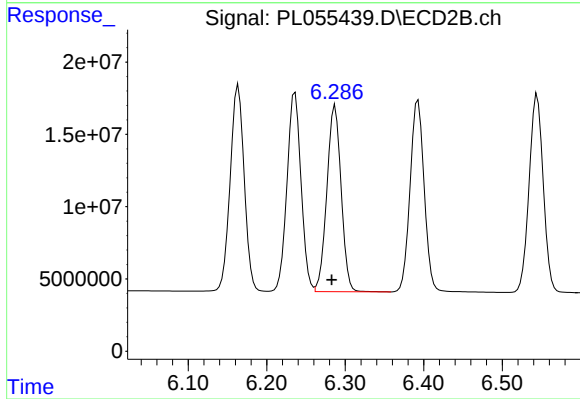
#9 Endosulfan I

R.T.: 5.608 min
Delta R.T.: 0.003 min
Response: 705687959
Conc: 53.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

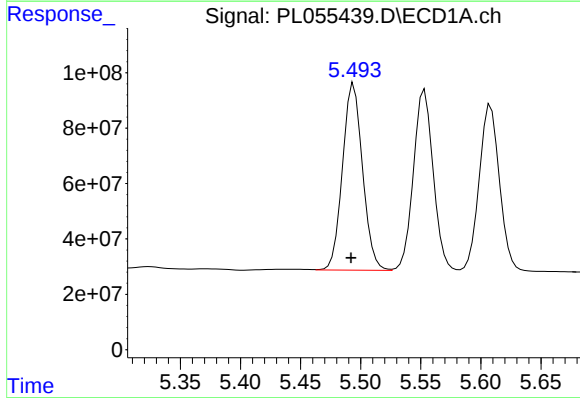
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



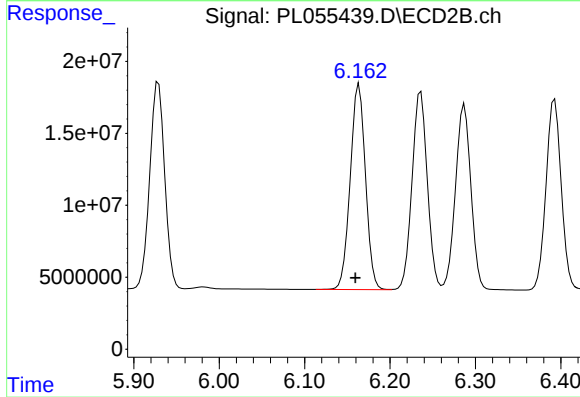
#9 Endosulfan I

R.T.: 6.287 min
Delta R.T.: 0.004 min
Response: 162605999
Conc: 65.65 ng/ml



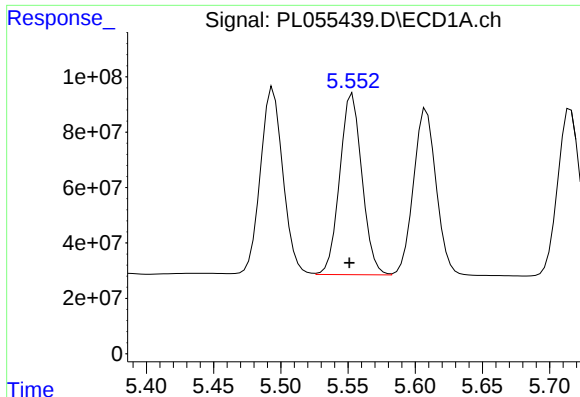
#10 gamma-Chlordane

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 784282598
Conc: 53.83 ng/ml



#10 gamma-Chlordane

R.T.: 6.164 min
Delta R.T.: 0.004 min
Response: 176810961
Conc: 66.62 ng/ml



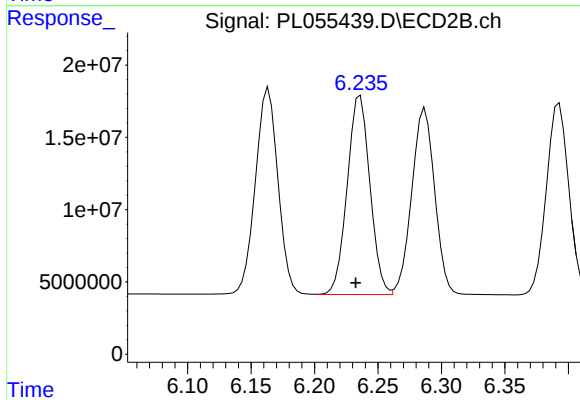
#11 alpha-Chlordane

R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 750271196
Conc: 53.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

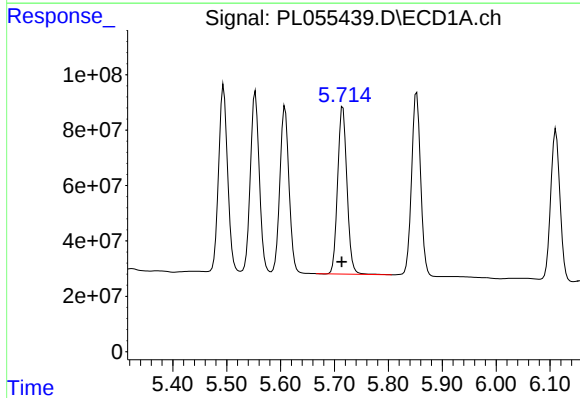
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



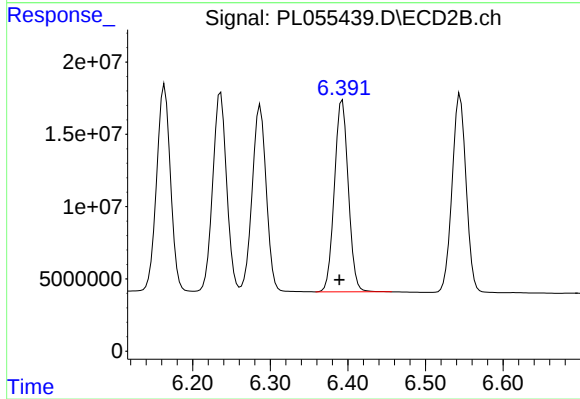
#11 alpha-Chlordane

R.T.: 6.236 min
Delta R.T.: 0.004 min
Response: 171337735
Conc: 65.34 ng/ml



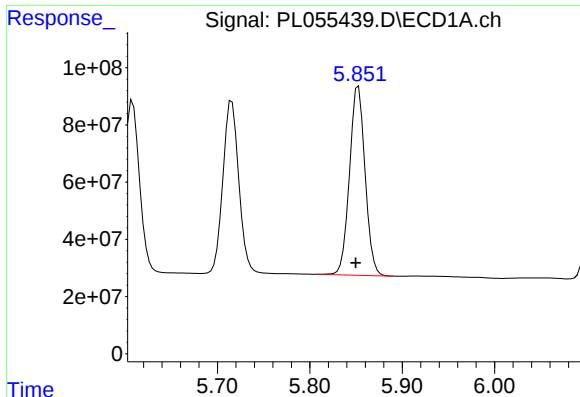
#12 4,4'-DDE

R.T.: 5.716 min
Delta R.T.: 0.002 min
Response: 725775702
Conc: 54.46 ng/ml



#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: 0.004 min
Response: 165174673
Conc: 67.74 ng/ml



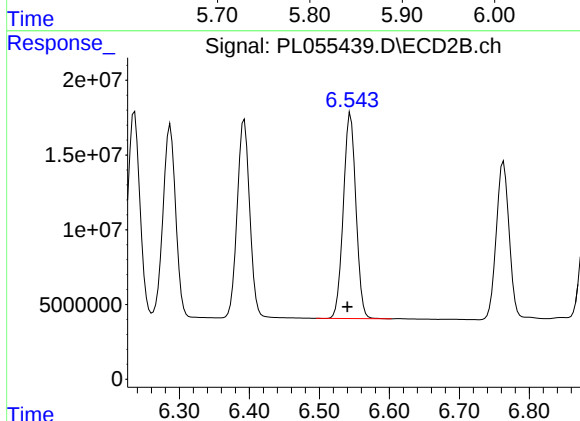
#13 Dieldrin

R.T.: 5.853 min
Delta R.T.: 0.003 min
Response: 773553191
Conc: 55.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

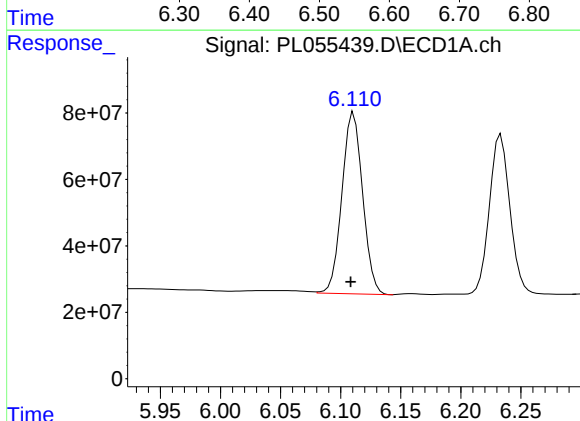
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



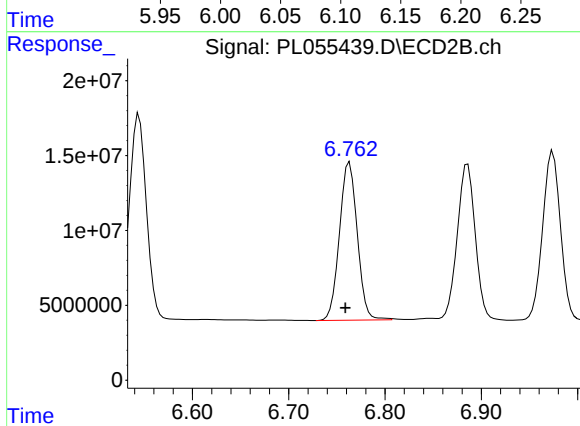
#13 Dieldrin

R.T.: 6.545 min
Delta R.T.: 0.004 min
Response: 171812020
Conc: 67.32 ng/ml



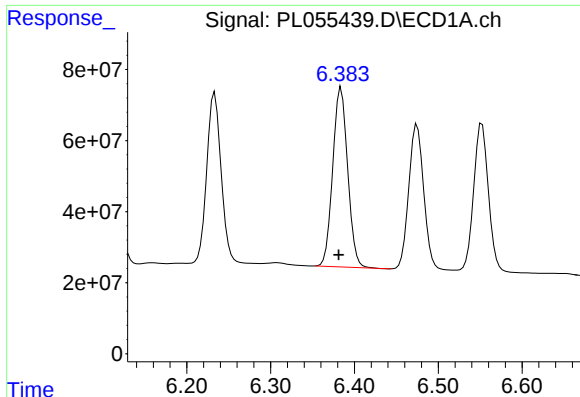
#14 Endrin

R.T.: 6.111 min
Delta R.T.: 0.003 min
Response: 656408342
Conc: 51.65 ng/ml



#14 Endrin

R.T.: 6.763 min
Delta R.T.: 0.004 min
Response: 135631680
Conc: 63.20 ng/ml



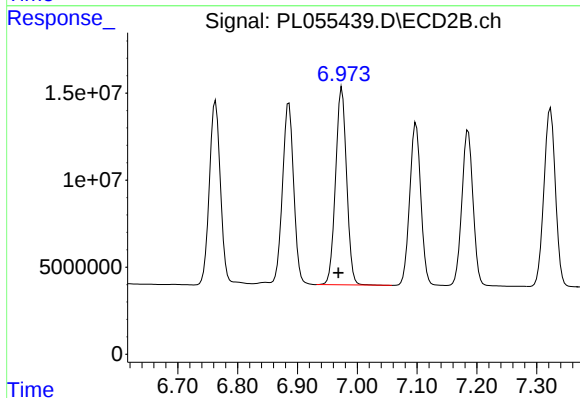
#15 Endosulfan II

R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 624327715
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

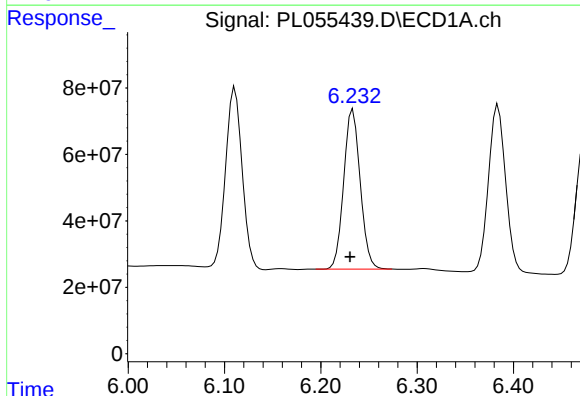
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



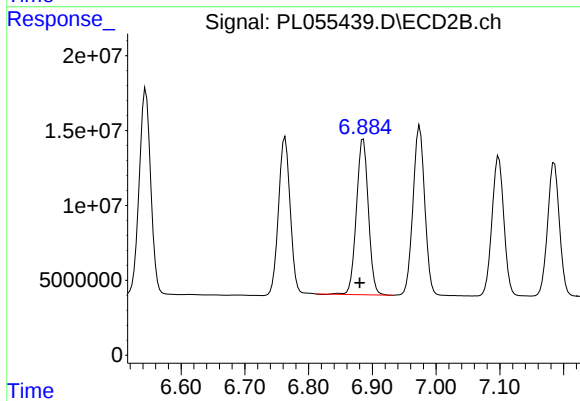
#15 Endosulfan II

R.T.: 6.974 min
Delta R.T.: 0.006 min
Response: 145943952
Conc: 61.56 ng/ml



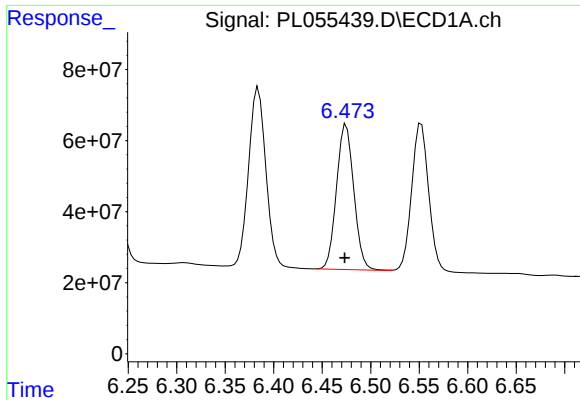
#16 4,4'-DDD

R.T.: 6.233 min
Delta R.T.: 0.003 min
Response: 570879221
Conc: 59.44 ng/ml



#16 4,4'-DDD

R.T.: 6.886 min
Delta R.T.: 0.005 min
Response: 135892347
Conc: 71.48 ng/ml



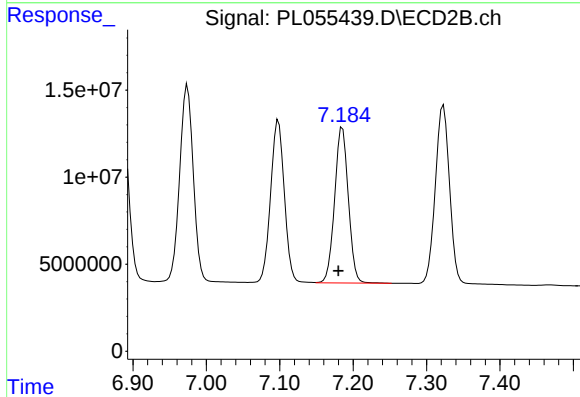
#17 4,4'-DDT

R.T.: 6.475 min
Delta R.T.: 0.002 min
Response: 506740992
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

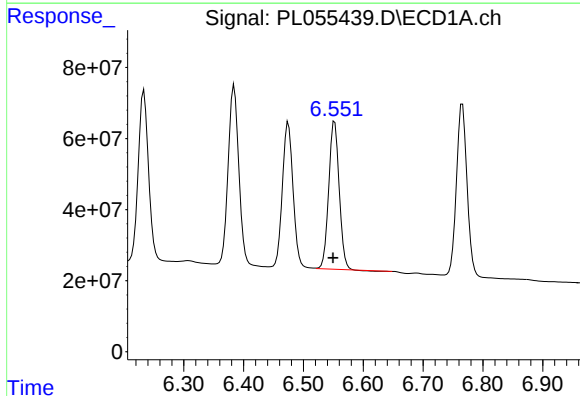
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



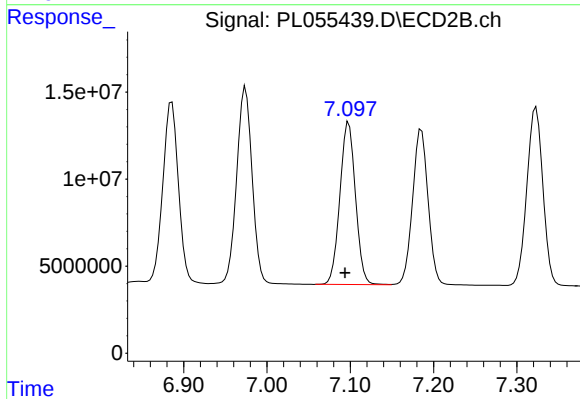
#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: 0.005 min
Response: 116069026
Conc: 59.14 ng/ml



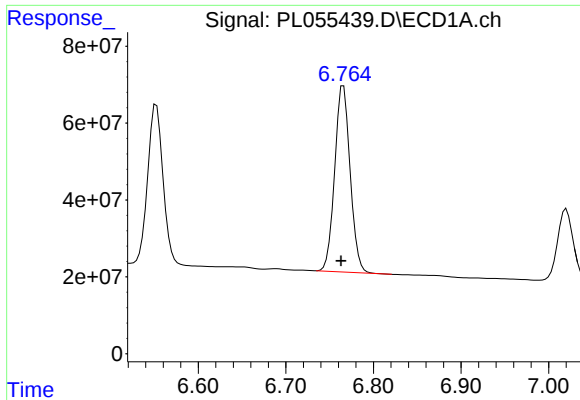
#18 Endrin aldehyde

R.T.: 6.552 min
Delta R.T.: 0.003 min
Response: 503815280
Conc: 51.73 ng/ml



#18 Endrin aldehyde

R.T.: 7.098 min
Delta R.T.: 0.005 min
Response: 121431028
Conc: 62.92 ng/ml



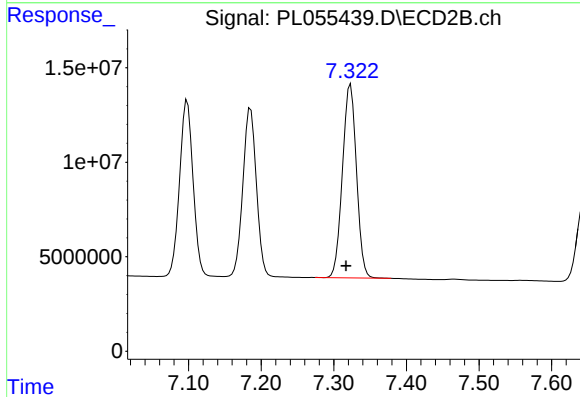
#19 Endosulfan Sulfate

R.T.: 6.766 min
Delta R.T.: 0.003 min
Response: 592916694
Conc: 58.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

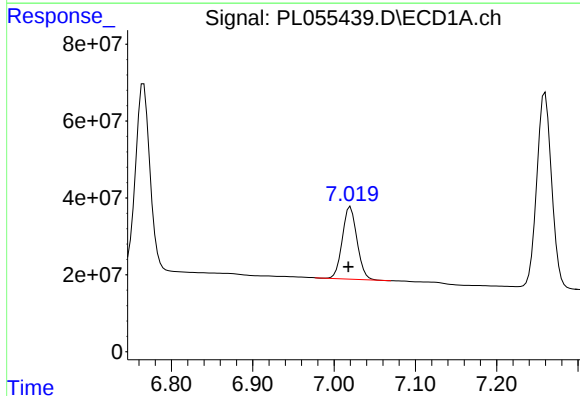
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



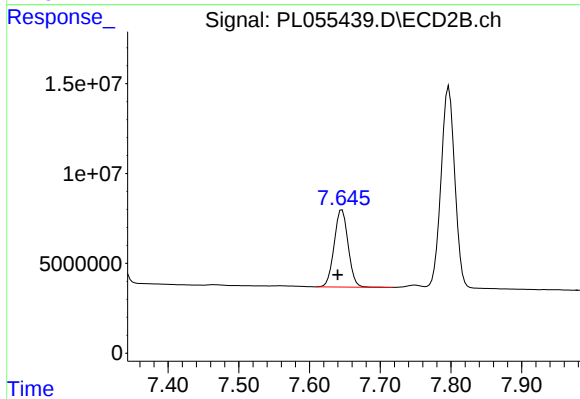
#19 Endosulfan Sulfate

R.T.: 7.323 min
Delta R.T.: 0.006 min
Response: 137400620
Conc: 65.79 ng/ml



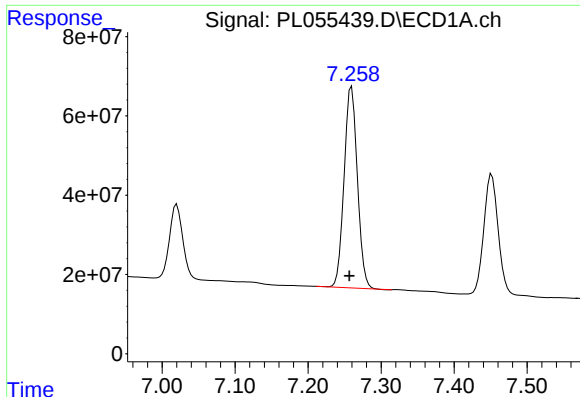
#20 Methoxychlor

R.T.: 7.020 min
Delta R.T.: 0.003 min
Response: 235244141
Conc: 48.81 ng/ml



#20 Methoxychlor

R.T.: 7.646 min
Delta R.T.: 0.006 min
Response: 59160863
Conc: 54.82 ng/ml



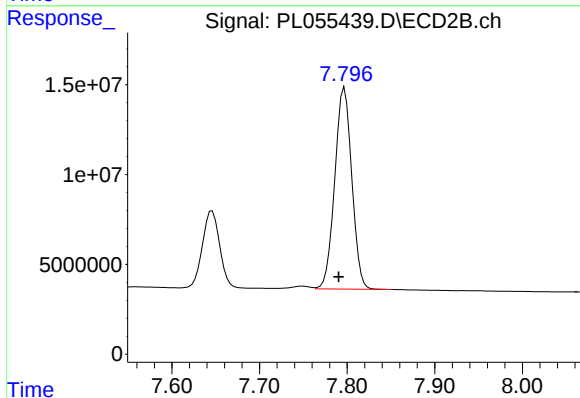
#21 Endrin ketone

R.T.: 7.260 min
Delta R.T.: 0.003 min
Response: 639716549
Conc: 61.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

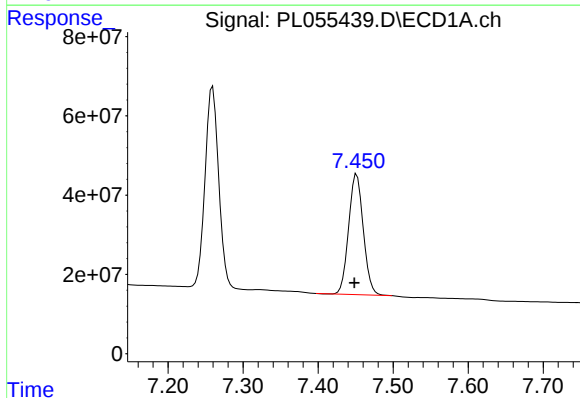
Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



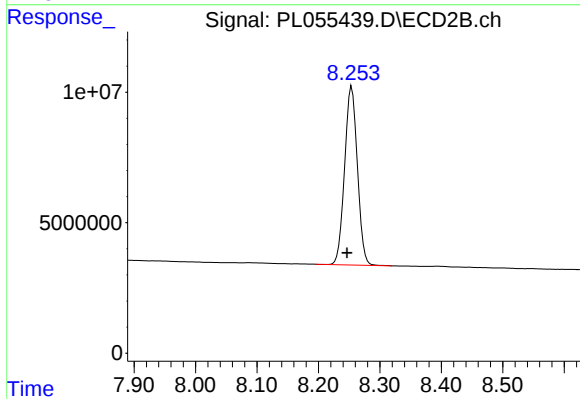
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.007 min
Response: 151443975
Conc: 68.00 ng/ml



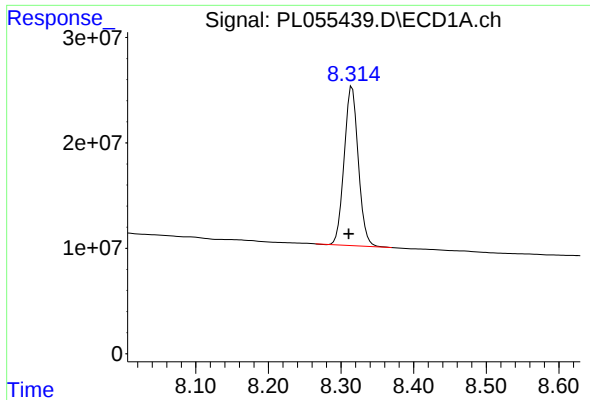
#22 Mirex

R.T.: 7.451 min
Delta R.T.: 0.003 min
Response: 413181392
Conc: 54.24 ng/ml



#22 Mirex

R.T.: 8.254 min
Delta R.T.: 0.007 min
Response: 98878963
Conc: 59.63 ng/ml



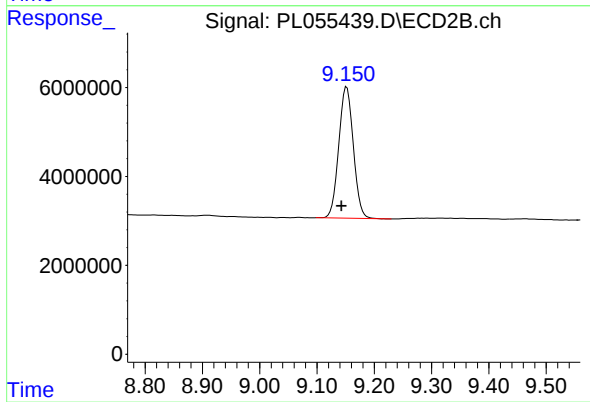
#28 Decachlorobiphenyl

R.T.: 8.315 min
Delta R.T.: 0.005 min
Response: 204323486
Conc: 22.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MS

Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:49 PM



#28 Decachlorobiphenyl

R.T.: 9.152 min
Delta R.T.: 0.009 min
Response: 52129446
Conc: 23.62 ng/ml