

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123019\
 Data File : PL055363.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Dec 2019 10:35
 Operator : SG\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

mohammad
 12/31/2019 11:58:35 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 00:50:55 2019
 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...	3.541	4.049	500.9E6	136.1E6	47.630	51.520
28)	SA Decachlor...	8.320	9.154	435.7E6	103.8E6	46.955	47.003
Target Compounds							
2)	A alpha-BHC	3.984	4.441	829.8E6	194.9E6	47.697	52.922
3)	MA gamma-BHC...	4.271	4.727	764.9E6	180.0E6	46.390	52.656
4)	MA Heptachlor	4.577	5.236	764.5E6	159.6E6	46.824	50.724
5)	MB Aldrin	4.828	5.542	733.5E6	150.6E6	48.035	52.292
6)	B beta-BHC	4.522	4.896	313.5E6	89136497	45.723	54.279m
7)	B delta-BHC	4.730	5.115	729.6E6	161.5E6	48.204	57.748
8)	B Heptachlo...	5.273	5.930	680.0E6	136.6E6	47.587	53.575
9)	A Endosulfan I	5.615	6.288	623.9E6	126.8E6	47.217	51.193
10)	B gamma-Chl...	5.502	6.164	693.3E6	137.4E6	47.583	51.756
11)	B alpha-Chl...	5.560	6.237	669.4E6	134.5E6	47.548	51.284
12)	B 4,4'-DDE	5.723	6.394	636.4E6	126.9E6	47.753	52.066
13)	MA Dieldrin	5.859	6.545	669.3E6	132.2E6	47.944	51.788
14)	MA Endrin	6.118	6.764	550.5E6	101.2E6	43.311	47.161
15)	B Endosulfa...	6.391	6.975	544.8E6	116.3E6	46.420	49.073
16)	A 4,4'-DDD	6.241	6.887	499.0E6	105.0E6	51.955	55.254
17)	MA 4,4'-DDT	6.482	7.187	437.9E6	87549914	43.496	44.609
18)	B Endrin al...	6.559	7.100	458.0E6	96925410	47.022	50.222
19)	B Endosulfa...	6.772	7.324	490.2E6	103.8E6	48.738	49.689
20)	A Methoxychlor	7.027	7.647	214.3E6	47133813	44.458	43.672
21)	B Endrin ke...	7.266	7.798	549.9E6	115.2E6	52.465	51.722
22)	Mirex	7.458	8.256	351.4E6	79657002	46.130	48.042

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123019\
Data File : PL055363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Dec 2019 10:35
Operator : SG\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

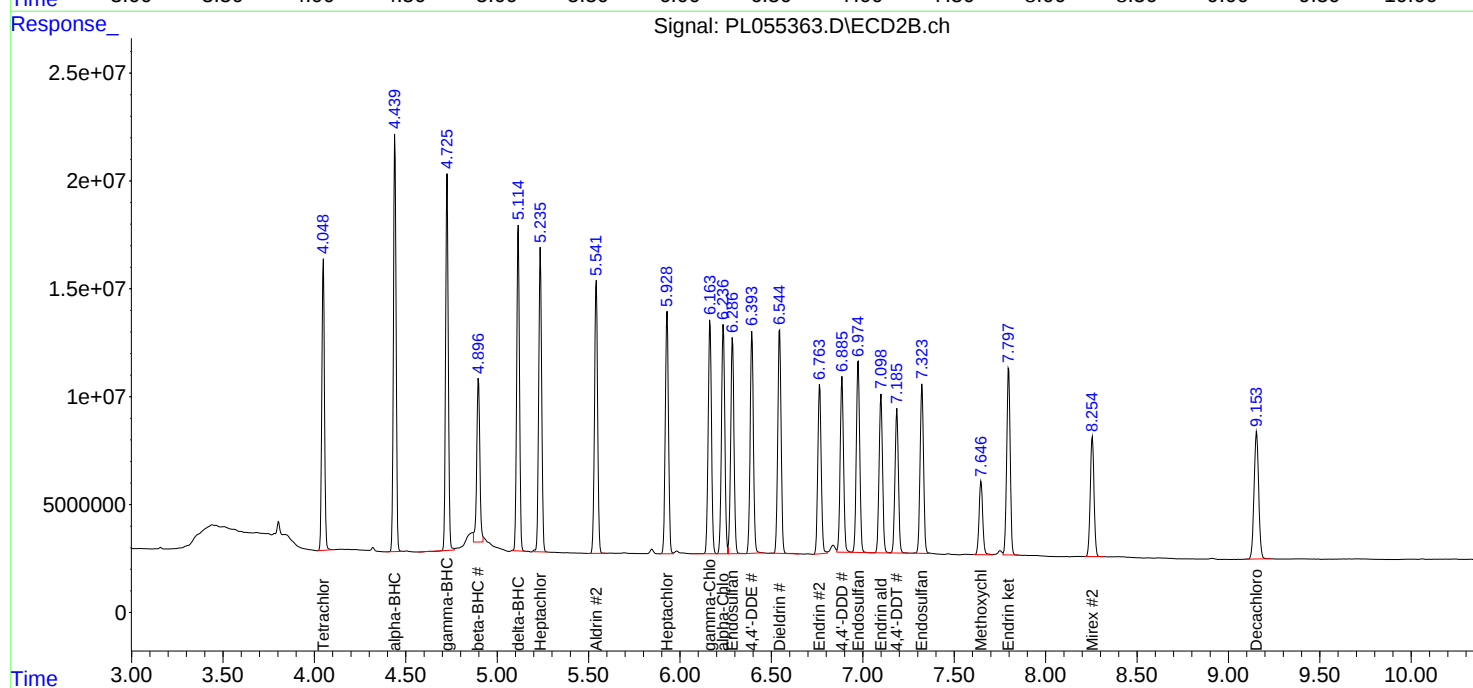
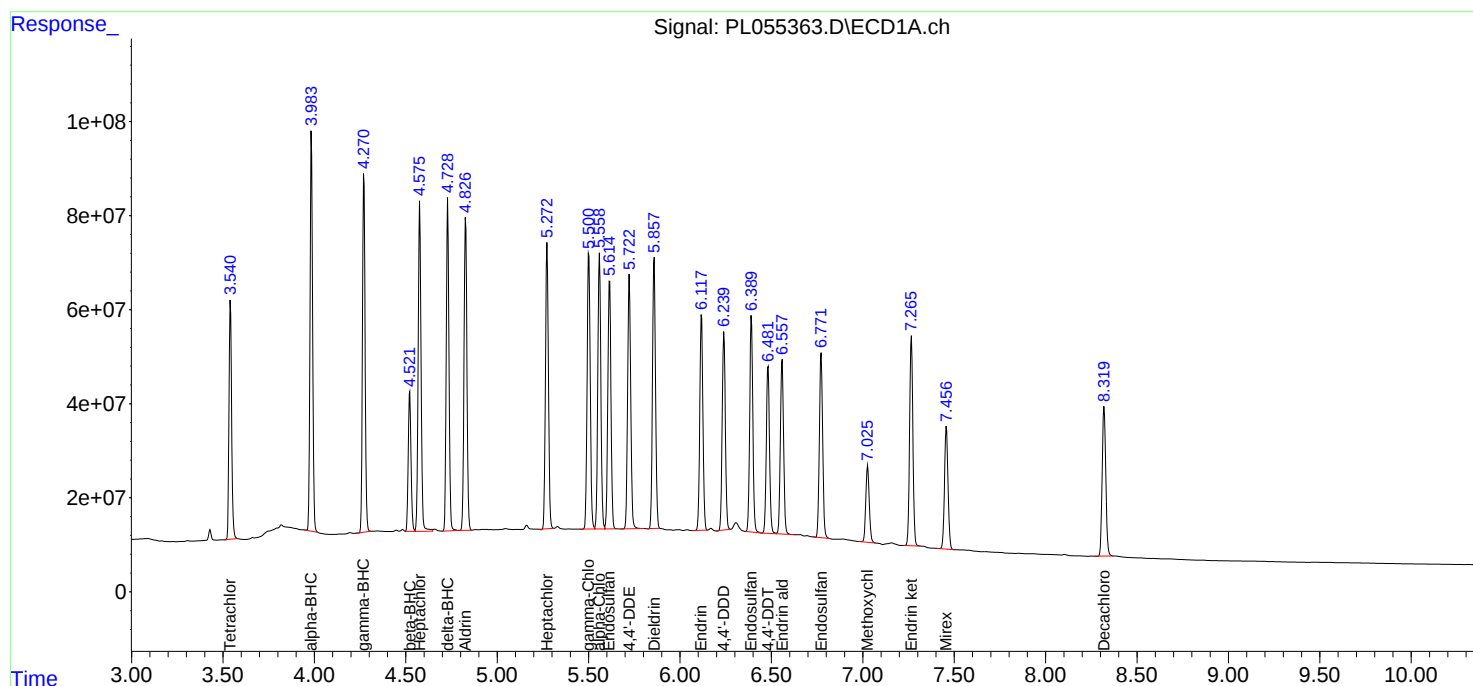
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

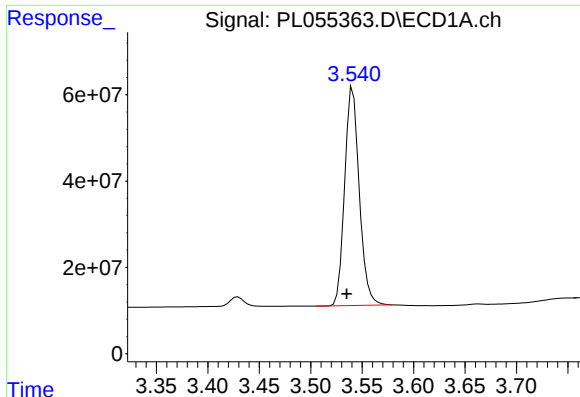
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 31 00:50:55 2019
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





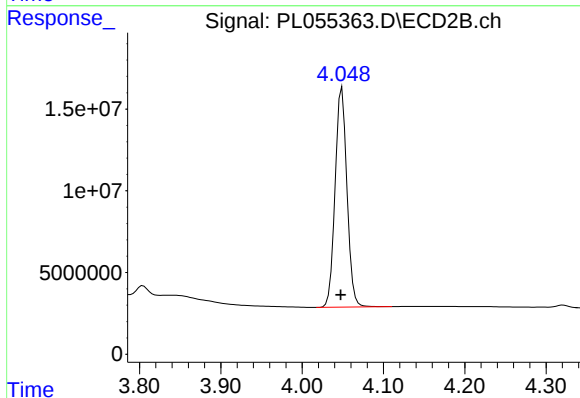
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.006 min
Response: 500906799
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

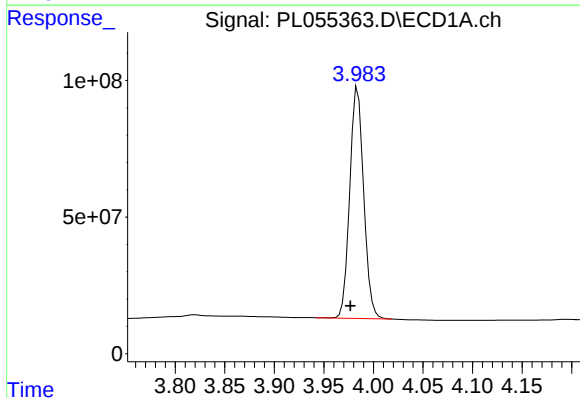
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



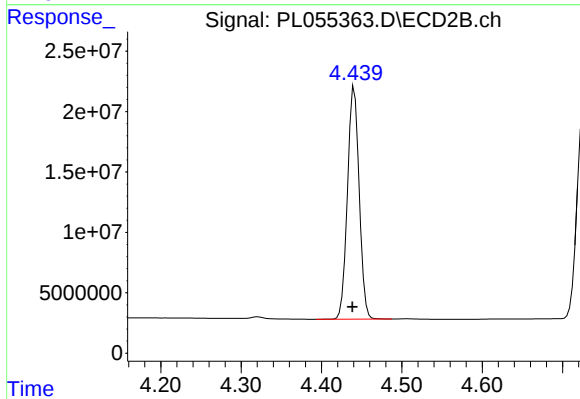
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.002 min
Response: 136128287
Conc: 51.52 ng/ml



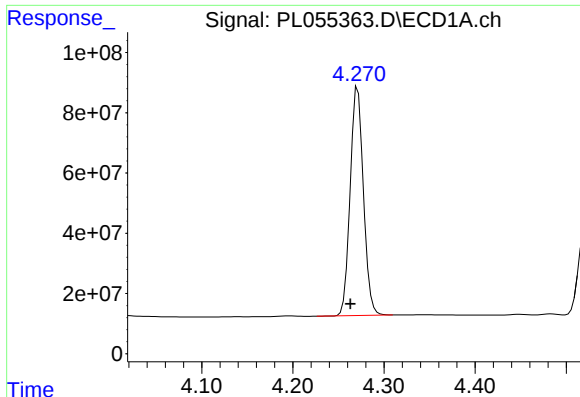
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.007 min
Response: 829801178
Conc: 47.70 ng/ml



#2 alpha-BHC

R.T.: 4.441 min
Delta R.T.: 0.002 min
Response: 194903039
Conc: 52.92 ng/ml



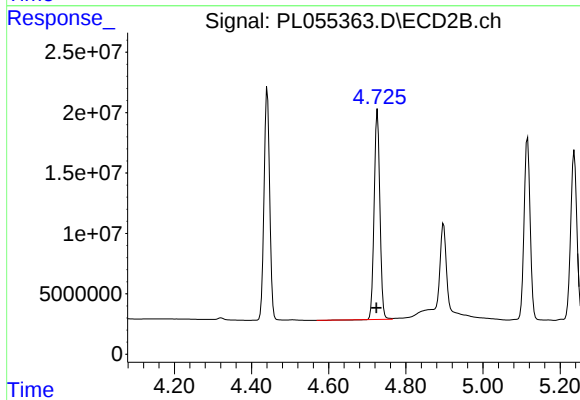
#3 gamma-BHC (Lindane)

R.T.: 4.271 min
Delta R.T.: 0.008 min
Response: 764888176
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

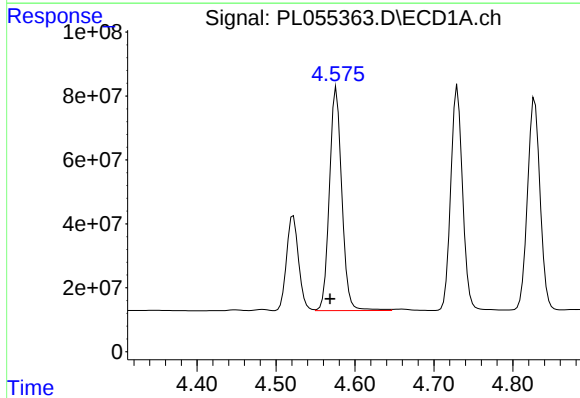
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



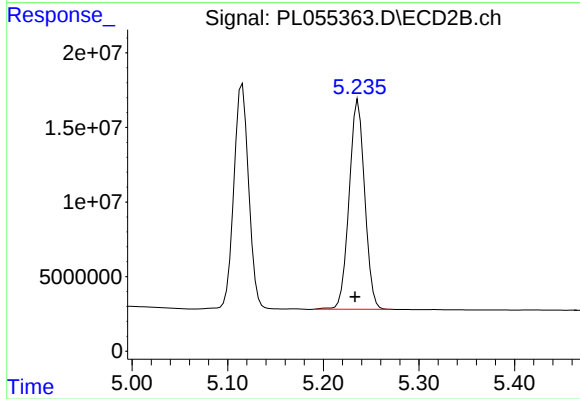
#3 gamma-BHC (Lindane)

R.T.: 4.727 min
Delta R.T.: 0.003 min
Response: 180009692
Conc: 52.66 ng/ml



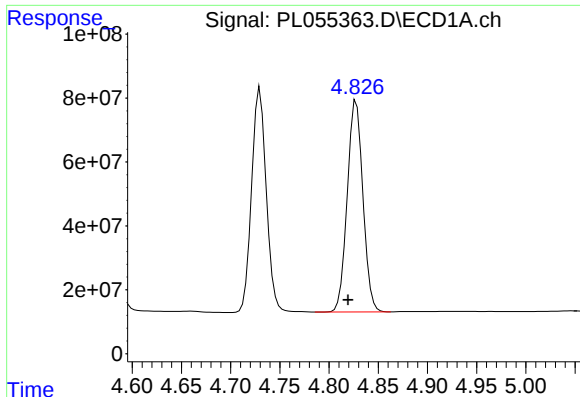
#4 Heptachlor

R.T.: 4.577 min
Delta R.T.: 0.008 min
Response: 764516664
Conc: 46.82 ng/ml



#4 Heptachlor

R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 159582864
Conc: 50.72 ng/ml



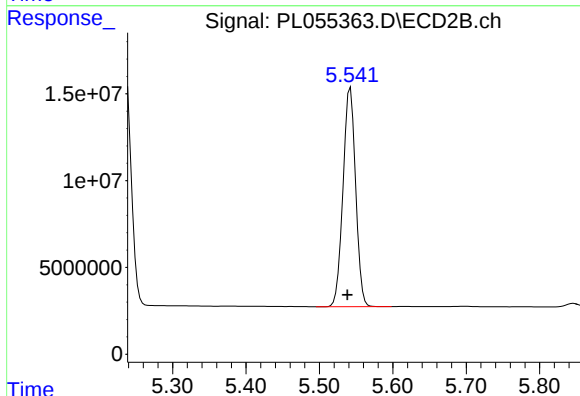
#5 Aldrin

R.T.: 4.828 min
Delta R.T.: 0.008 min
Response: 733458853
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

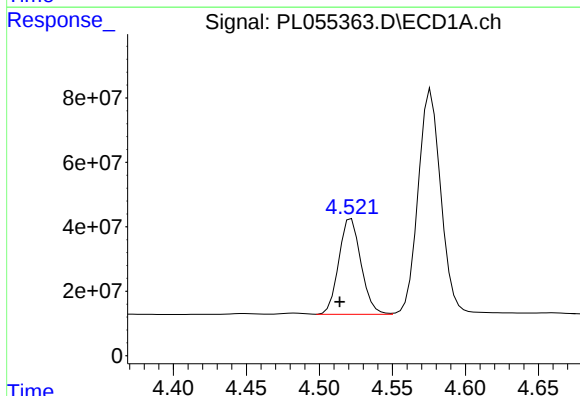
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



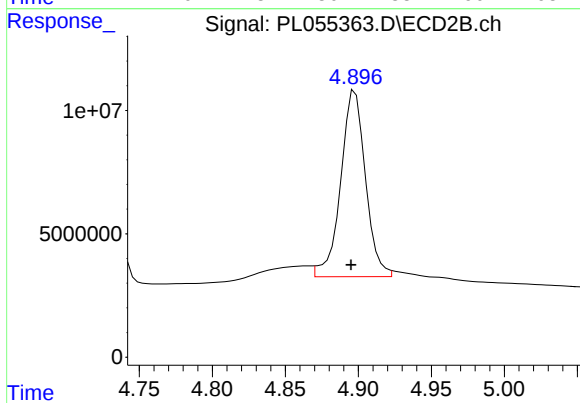
#5 Aldrin

R.T.: 5.542 min
Delta R.T.: 0.004 min
Response: 150575147
Conc: 52.29 ng/ml



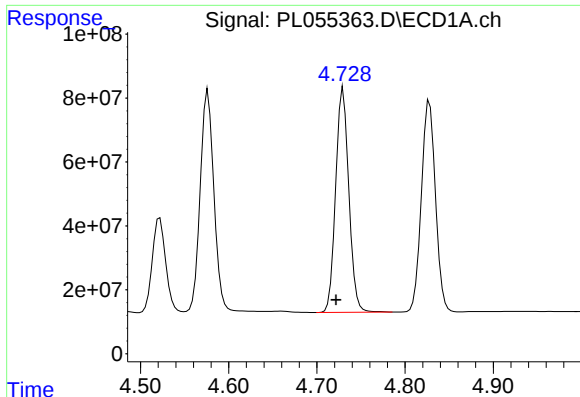
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.008 min
Response: 313543427
Conc: 45.72 ng/ml



#6 beta-BHC

R.T.: 4.896 min
Delta R.T.: 0.001 min
Response: 89136497
Conc: 54.28 ng/ml m



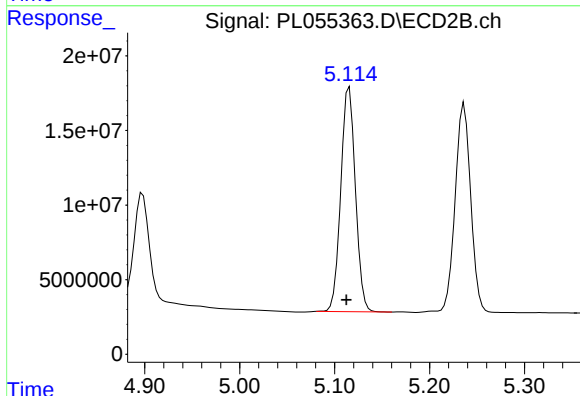
#7 delta-BHC

R.T.: 4.730 min
Delta R.T.: 0.008 min
Response: 729620218
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

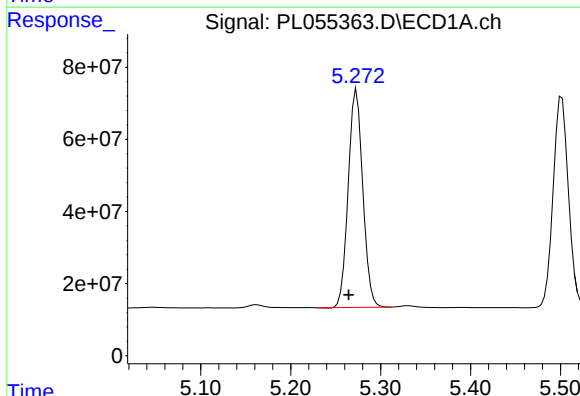
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



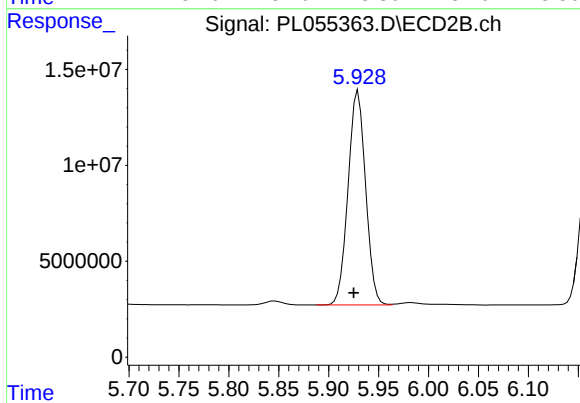
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: 0.003 min
Response: 161480693
Conc: 57.75 ng/ml



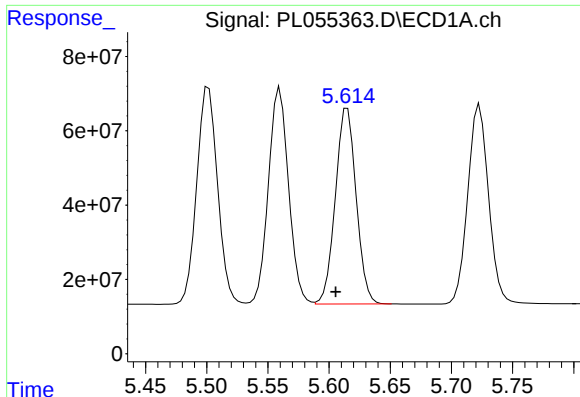
#8 Heptachlor epoxide

R.T.: 5.273 min
Delta R.T.: 0.009 min
Response: 679984609
Conc: 47.59 ng/ml



#8 Heptachlor epoxide

R.T.: 5.930 min
Delta R.T.: 0.004 min
Response: 136553580
Conc: 53.58 ng/ml



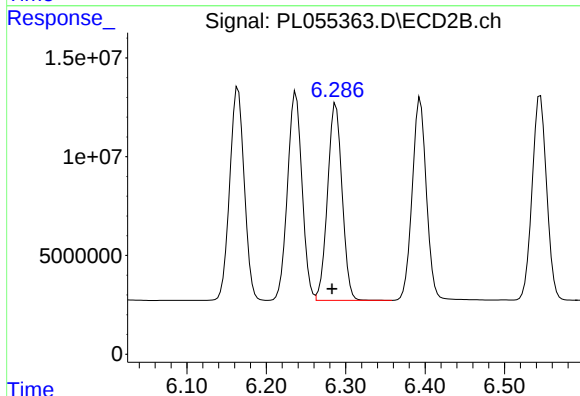
#9 Endosulfan I

R.T.: 5.615 min
Delta R.T.: 0.010 min
Response: 623875559
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

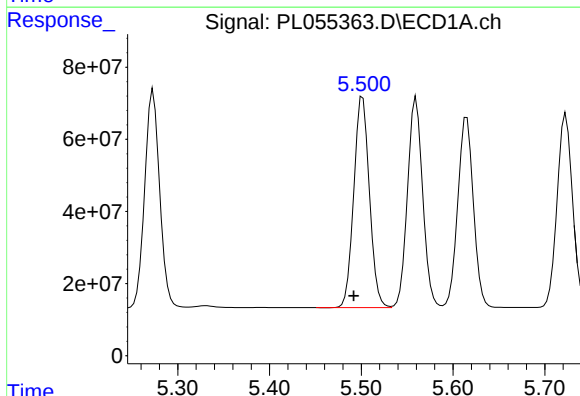
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



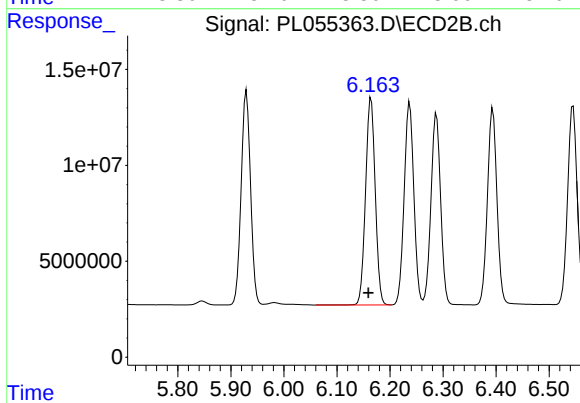
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: 0.005 min
Response: 126796496
Conc: 51.19 ng/ml



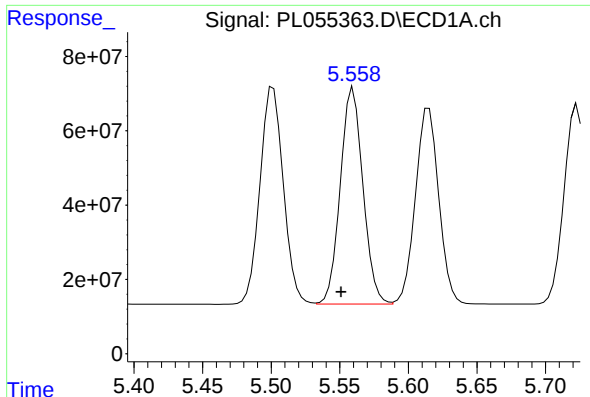
#10 gamma-Chlordane

R.T.: 5.502 min
Delta R.T.: 0.010 min
Response: 693278588
Conc: 47.58 ng/ml



#10 gamma-Chlordane

R.T.: 6.164 min
Delta R.T.: 0.005 min
Response: 137367775
Conc: 51.76 ng/ml



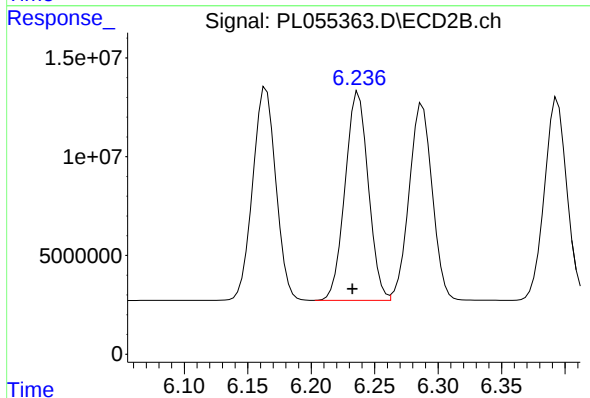
#11 alpha-Chlordane

R.T.: 5.560 min
Delta R.T.: 0.009 min
Response: 669427949
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

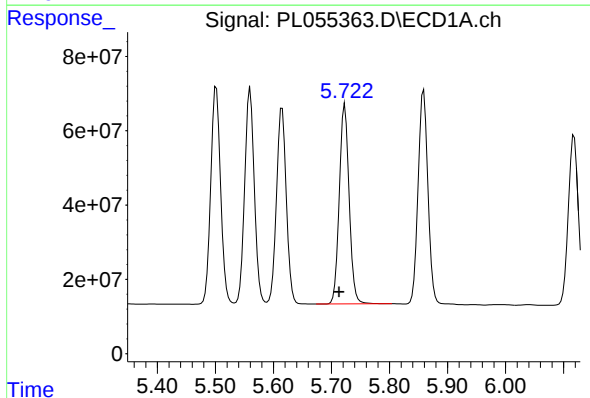
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



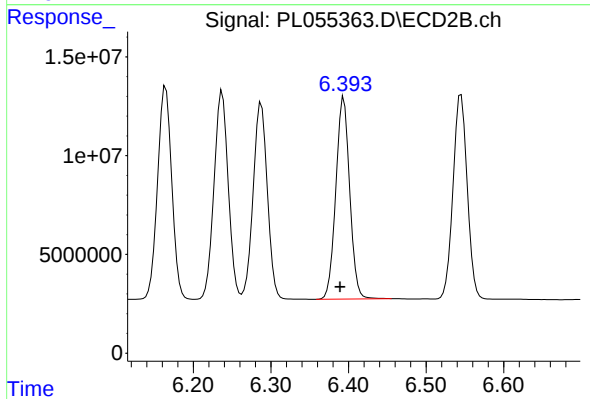
#11 alpha-Chlordane

R.T.: 6.237 min
Delta R.T.: 0.005 min
Response: 134483013
Conc: 51.28 ng/ml



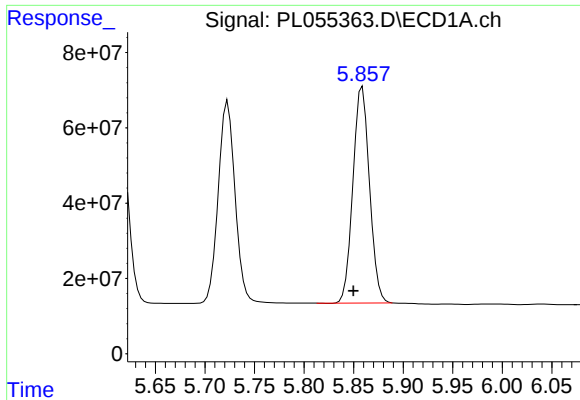
#12 4,4'-DDE

R.T.: 5.723 min
Delta R.T.: 0.010 min
Response: 636358163
Conc: 47.75 ng/ml



#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: 0.005 min
Response: 126949684
Conc: 52.07 ng/ml



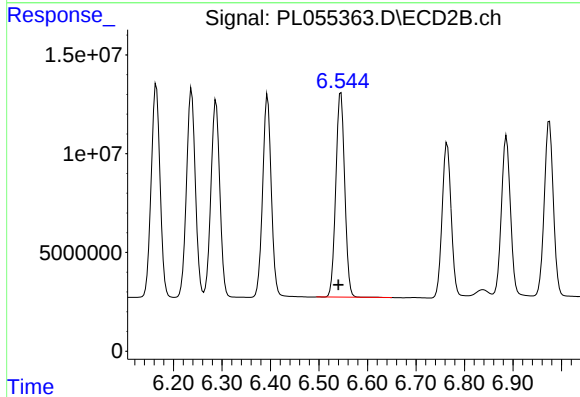
#13 Dieldrin

R.T.: 5.859 min
Delta R.T.: 0.009 min
Response: 669299602
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

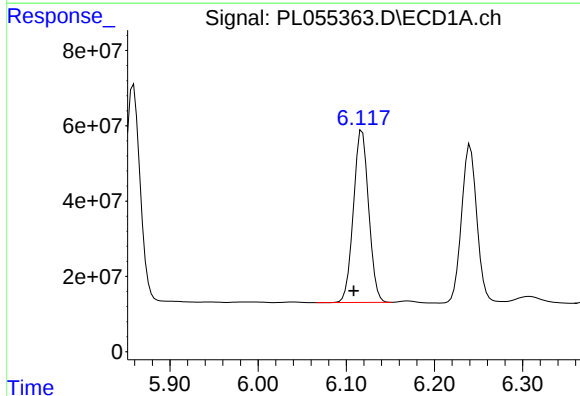
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



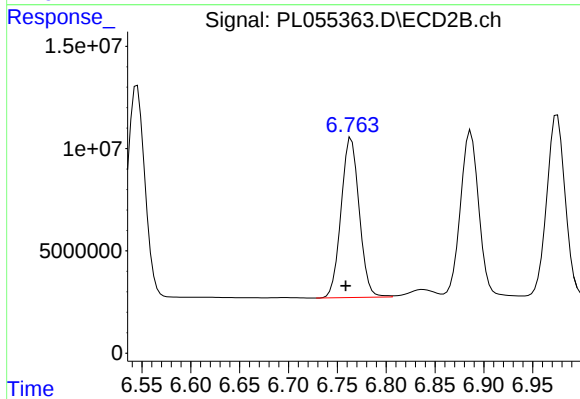
#13 Dieldrin

R.T.: 6.545 min
Delta R.T.: 0.005 min
Response: 132164760
Conc: 51.79 ng/ml



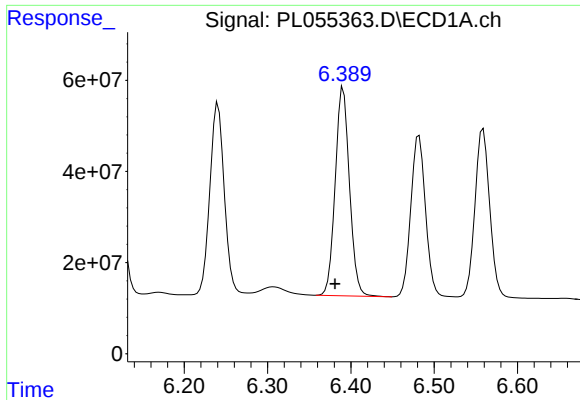
#14 Endrin

R.T.: 6.118 min
Delta R.T.: 0.010 min
Response: 550465047
Conc: 43.31 ng/ml



#14 Endrin

R.T.: 6.764 min
Delta R.T.: 0.006 min
Response: 101206389
Conc: 47.16 ng/ml



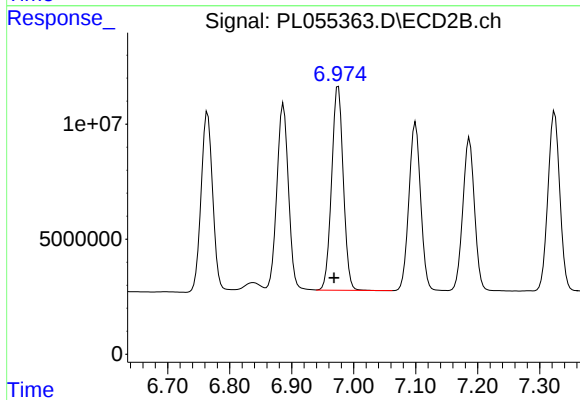
#15 Endosulfan II

R.T.: 6.391 min
Delta R.T.: 0.010 min
Response: 544811949
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

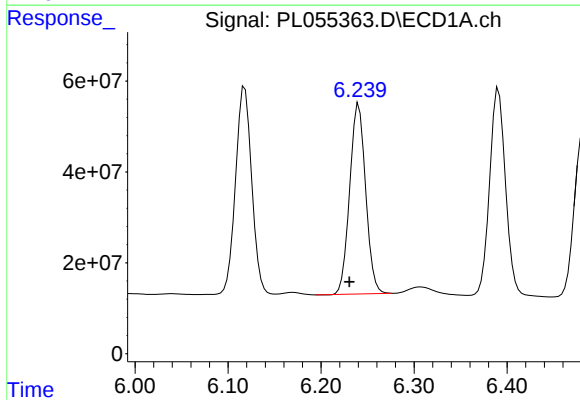
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



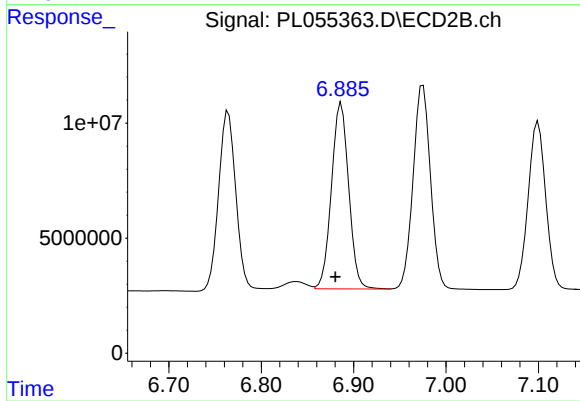
#15 Endosulfan II

R.T.: 6.975 min
Delta R.T.: 0.007 min
Response: 116339152
Conc: 49.07 ng/ml



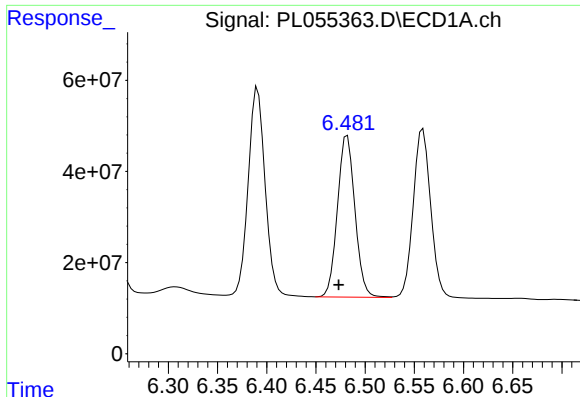
#16 4,4'-DDD

R.T.: 6.241 min
Delta R.T.: 0.010 min
Response: 499008660
Conc: 51.96 ng/ml



#16 4,4'-DDD

R.T.: 6.887 min
Delta R.T.: 0.006 min
Response: 105041521
Conc: 55.25 ng/ml



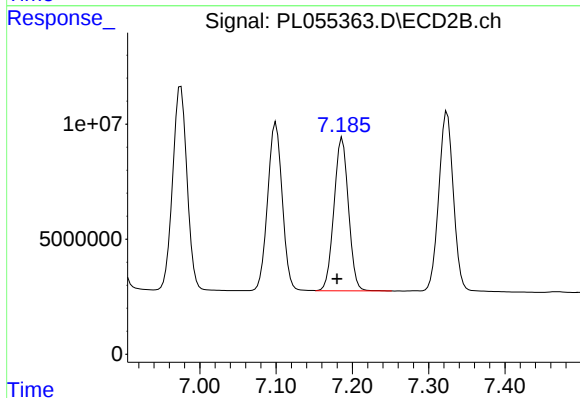
#17 4,4'-DDT

R.T.: 6.482 min
Delta R.T.: 0.009 min
Response: 437881494
Conc: 43.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

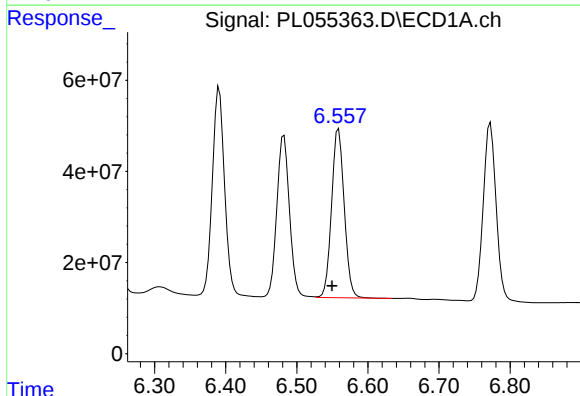
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



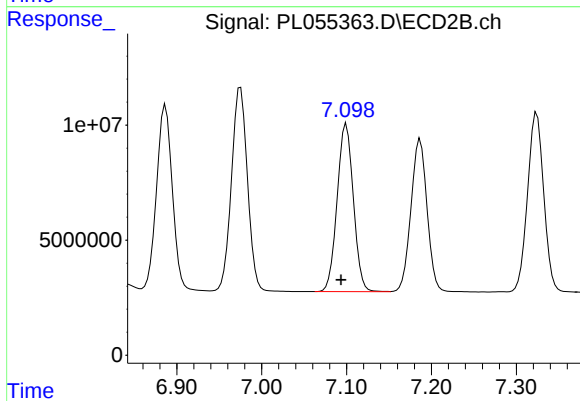
#17 4,4'-DDT

R.T.: 7.187 min
Delta R.T.: 0.007 min
Response: 87549914
Conc: 44.61 ng/ml



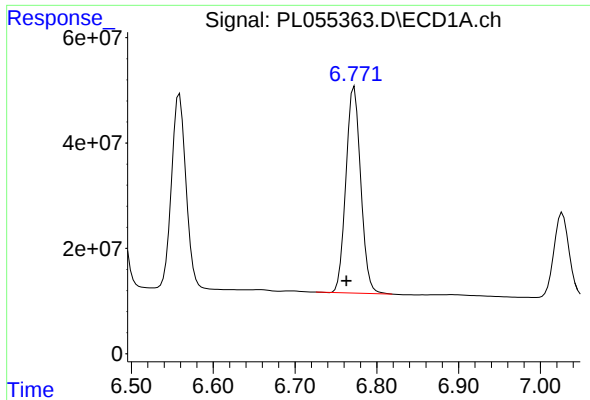
#18 Endrin aldehyde

R.T.: 6.559 min
Delta R.T.: 0.009 min
Response: 457964228
Conc: 47.02 ng/ml



#18 Endrin aldehyde

R.T.: 7.100 min
Delta R.T.: 0.006 min
Response: 96925410
Conc: 50.22 ng/ml



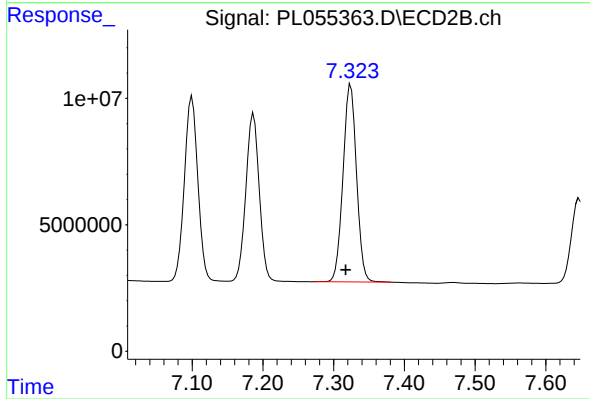
#19 Endosulfan Sulfate

R.T.: 6.772 min
Delta R.T.: 0.010 min
Response: 490246425
Conc: 48.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

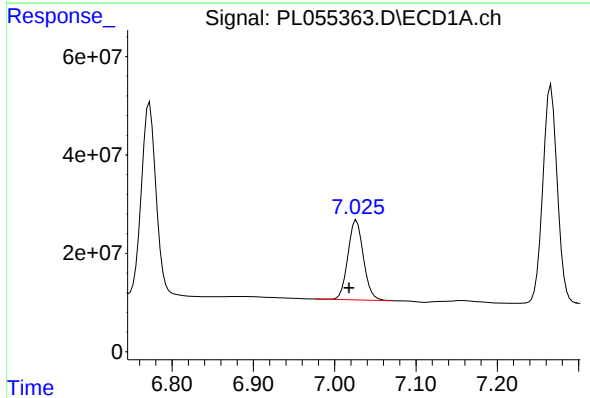
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



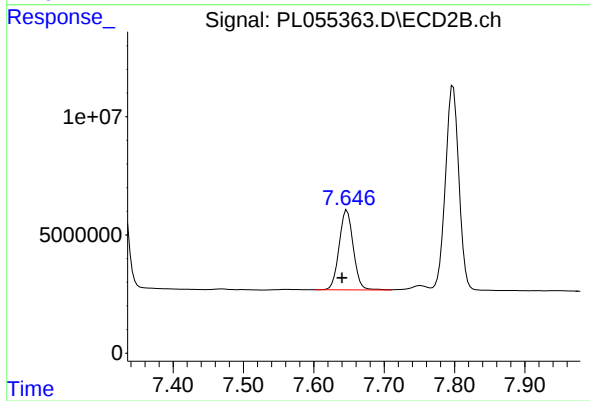
#19 Endosulfan Sulfate

R.T.: 7.324 min
Delta R.T.: 0.007 min
Response: 103778737
Conc: 49.69 ng/ml



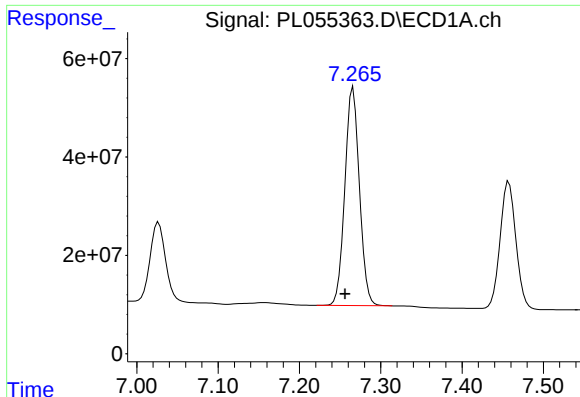
#20 Methoxychlor

R.T.: 7.027 min
Delta R.T.: 0.009 min
Response: 214260897
Conc: 44.46 ng/ml



#20 Methoxychlor

R.T.: 7.647 min
Delta R.T.: 0.007 min
Response: 47133813
Conc: 43.67 ng/ml



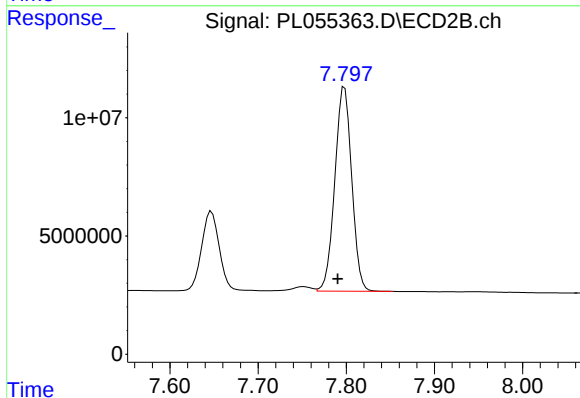
#21 Endrin ketone

R.T.: 7.266 min
Delta R.T.: 0.010 min
Response: 549917416
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

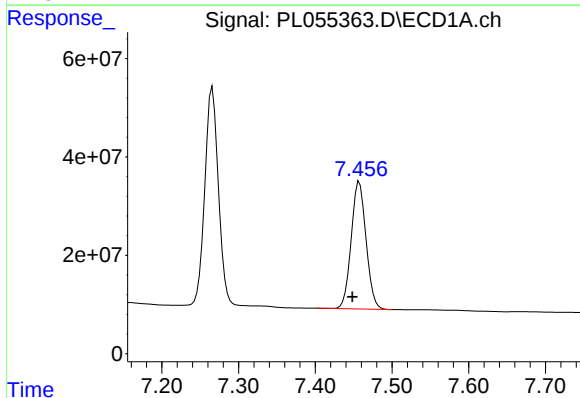
Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



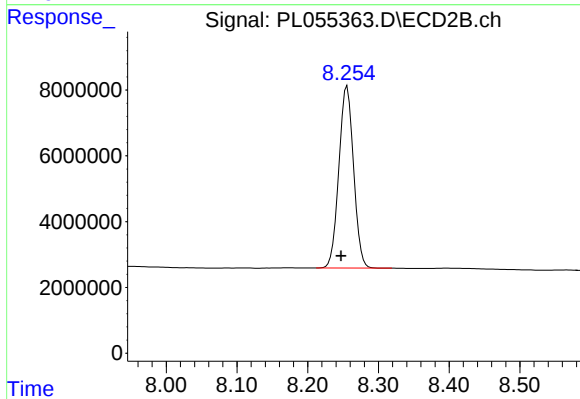
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: 0.008 min
Response: 115184679
Conc: 51.72 ng/ml



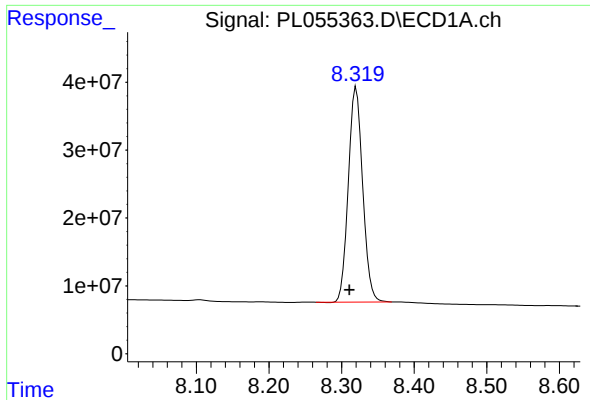
#22 Mirex

R.T.: 7.458 min
Delta R.T.: 0.009 min
Response: 351373857
Conc: 46.13 ng/ml



#22 Mirex

R.T.: 8.256 min
Delta R.T.: 0.009 min
Response: 79657002
Conc: 48.04 ng/ml



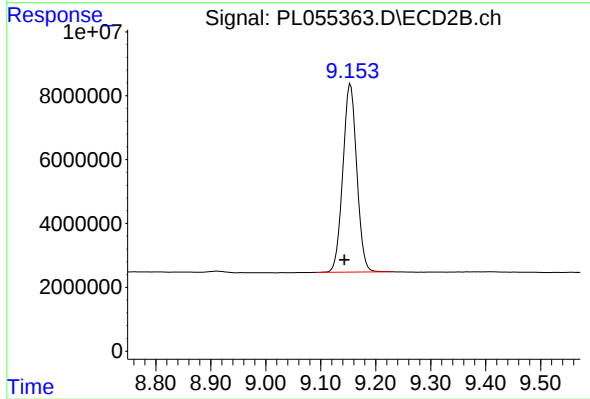
#28 Decachlorobiphenyl

R.T.: 8.320 min
Delta R.T.: 0.010 min
Response: 435684973
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:35 AM



#28 Decachlorobiphenyl

R.T.: 9.154 min
Delta R.T.: 0.011 min
Response: 103757810
Conc: 47.00 ng/ml