

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033020\
 Data File : PL057683.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2020 15:28
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

mohammad
 3/31/2020 4:22:48 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 01:25:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 16 09:40:37 2020
 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...	3.462	3.957	493.3E6	104.8E6	53.215	48.314
28)	SA Decachlor...	8.209	8.981	479.9E6	99675258	45.357	44.952
Target Compounds							
2)	A alpha-BHC	3.899	4.343	853.9E6	161.0E6	53.604	50.112m
3)	MA gamma-BHC...	4.181	4.627	594.9E6	157.7E6	41.391m	50.265
4)	MA Heptachlor	4.483	5.128	776.6E6	155.4E6	52.288	49.378m
5)	MB Aldrin	4.730	5.431	737.8E6	154.2E6	53.489	50.547
6)	B beta-BHC	4.434	4.799	294.2E6	76413424	50.038	52.979m
7)	B delta-BHC	4.638	5.014	750.0E6	112.5E6	53.440	43.912
8)	B Heptachlo...	5.173	5.815	660.0E6	114.5E6	51.498	41.972
9)	A Endosulfan I	5.511	6.170	602.0E6	140.3E6	50.636	49.295
10)	B gamma-Chl...	5.400	6.050	665.9E6	148.0E6	51.066	48.025
11)	B alpha-Chl...	5.458	6.121	647.6E6	155.7E6	50.117	50.020
12)	B 4,4'-DDE	5.622	6.280	633.5E6	141.6E6	50.862	49.831
13)	MA Dieldrin	5.755	6.426	645.7E6	145.8E6	51.192	49.279
14)	MA Endrin	6.011	6.643	594.2E6	121.1E6	51.978	50.197
15)	B Endosulfa...	6.285	6.853	533.8E6	122.5E6	49.147	46.615
16)	A 4,4'-DDD	6.138	6.767	498.2E6	111.2E6	50.826	48.697m
17)	MA 4,4'-DDT	6.377	7.066	506.7E6	108.2E6	50.803	47.491
18)	B Endrin al...	6.452	6.976	436.0E6	101.0E6	47.207	45.451
19)	B Endosulfa...	6.666	7.200	490.9E6	112.7E6	48.884	46.193
20)	A Methoxychlor	6.922	7.525	254.9E6	60353259	47.501	46.405
21)	B Endrin ke...	7.156	7.667	542.1E6	116.2E6	47.961	44.883
22)	Mirex	7.343	8.117	371.4E6	84736485	45.854	44.376

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033020\
Data File : PL057683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Mar 2020 15:28
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

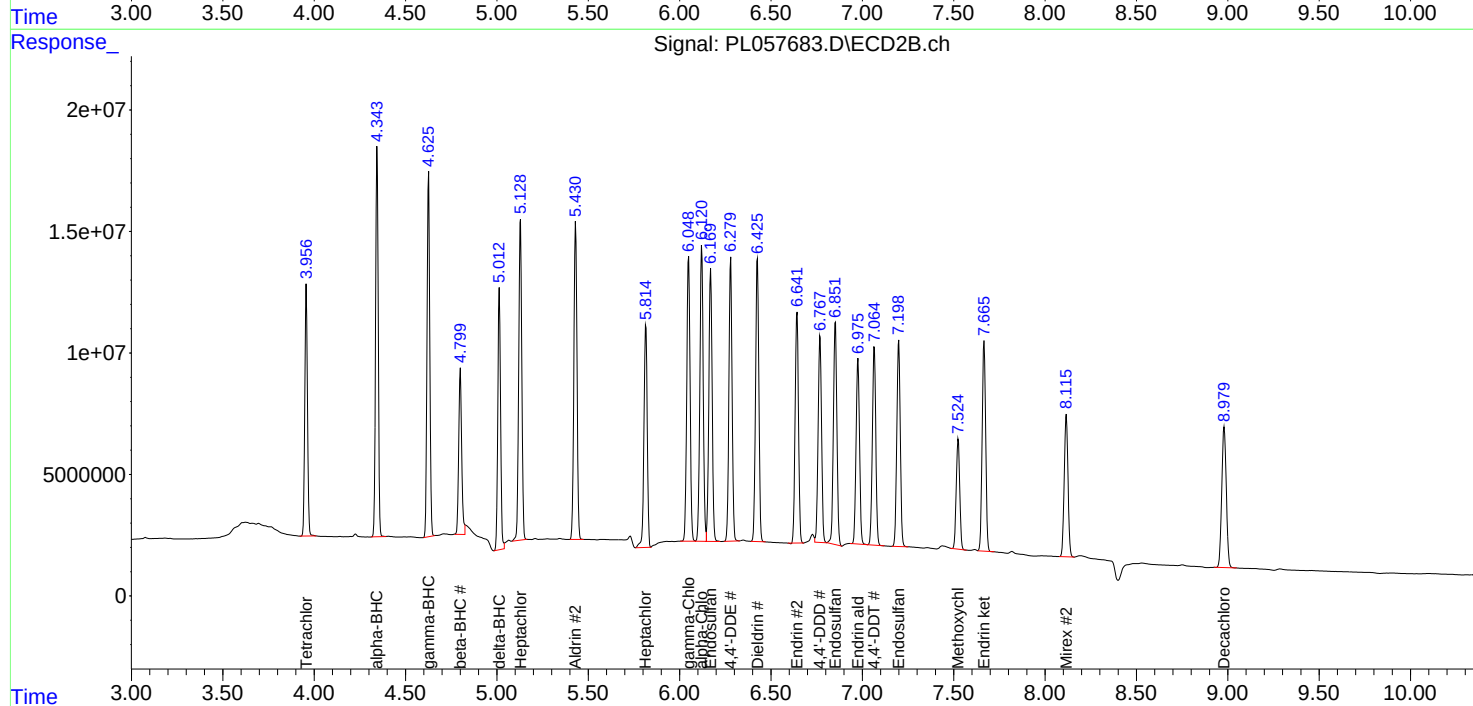
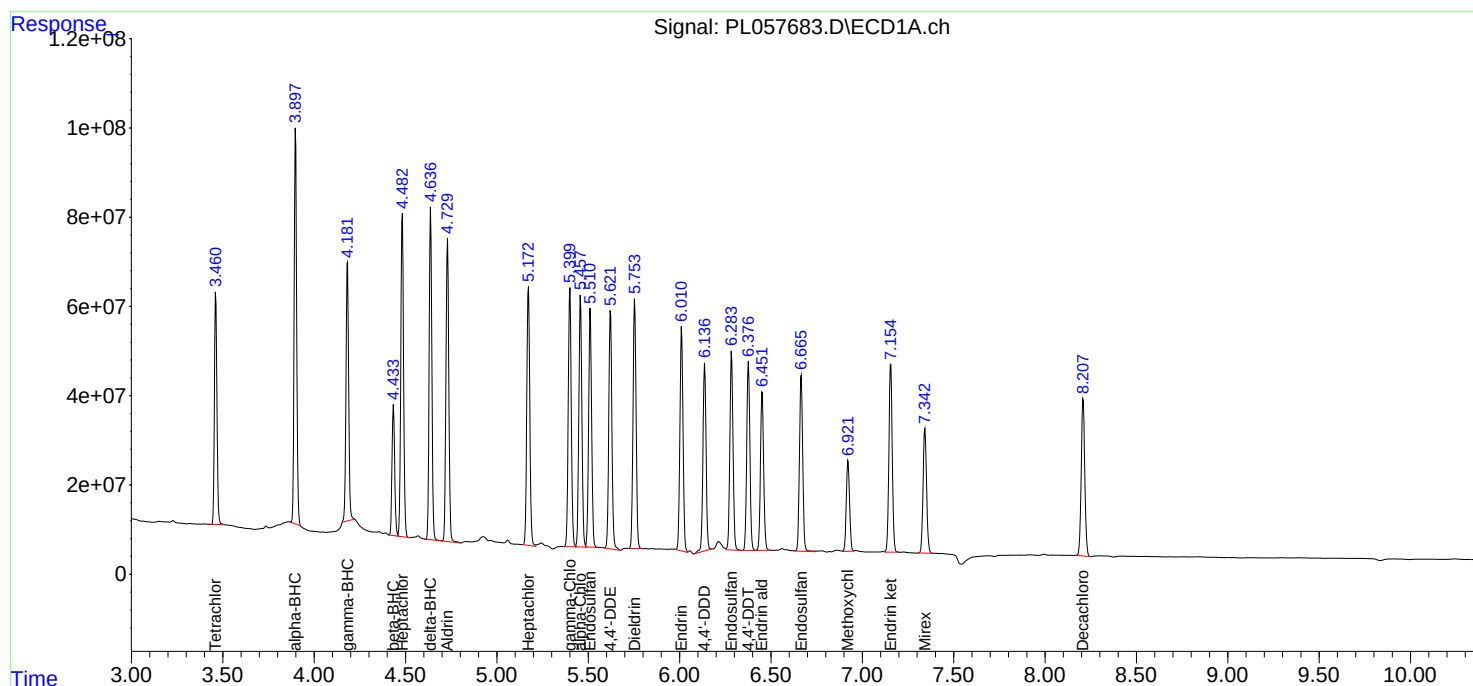
Instrument :
ECD_L
ClientSampled :
PSTDCCC050

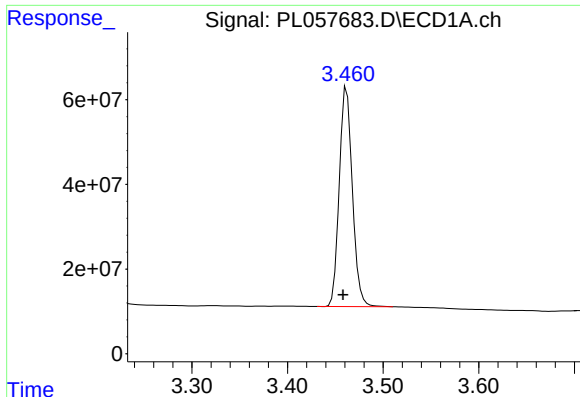
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 01:25:41 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
Quant Title : GC Extractables
QLast Update : Mon Mar 16 09:40:37 2020
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





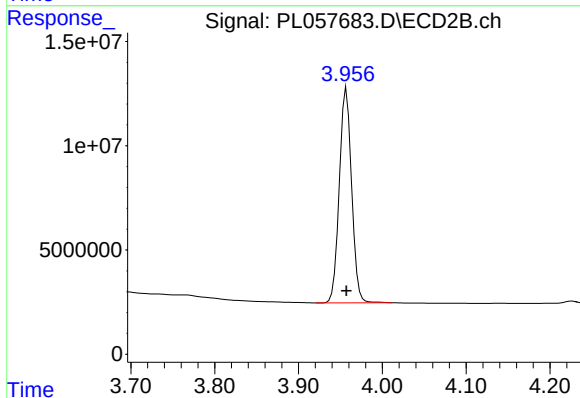
#1 Tetrachloro-m-xylene

R.T.: 3.462 min
Delta R.T.: 0.004 min
Response: 493276793
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

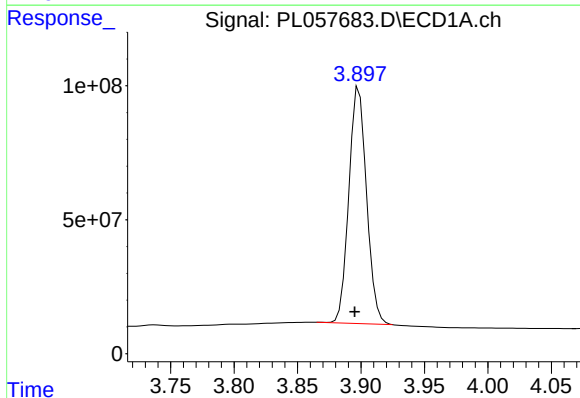
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



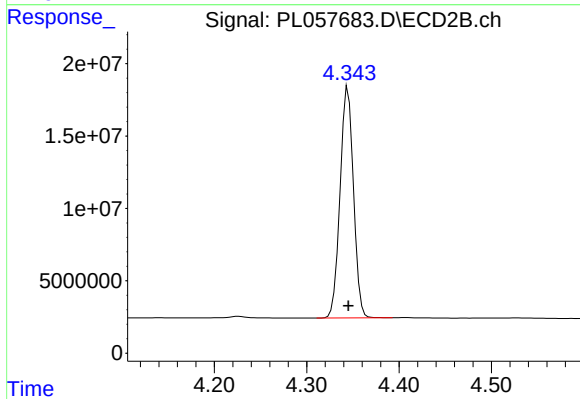
#1 Tetrachloro-m-xylene

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 104820029
Conc: 48.31 ng/ml



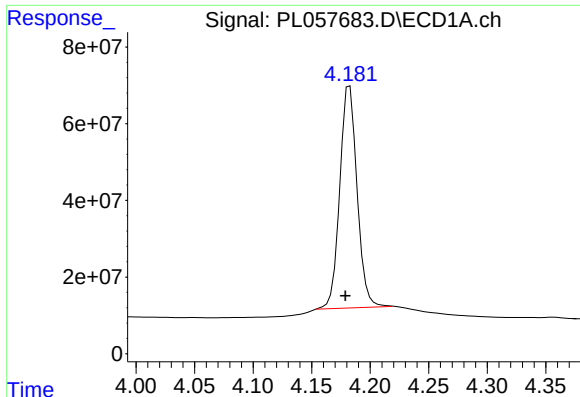
#2 alpha-BHC

R.T.: 3.899 min
Delta R.T.: 0.004 min
Response: 853888904
Conc: 53.60 ng/ml



#2 alpha-BHC

R.T.: 4.343 min
Delta R.T.: -0.002 min
Response: 160963755
Conc: 50.11 ng/ml m



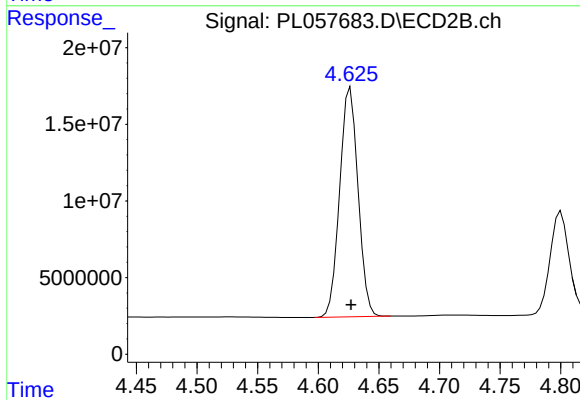
#3 gamma-BHC (Lindane)

R.T.: 4.181 min
Delta R.T.: 0.002 min
Response: 594907211
Conc: 41.39 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

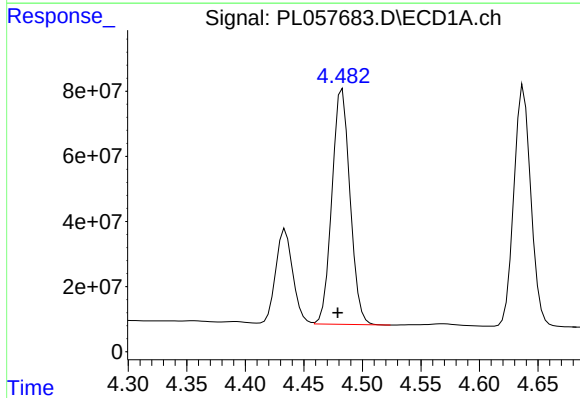
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



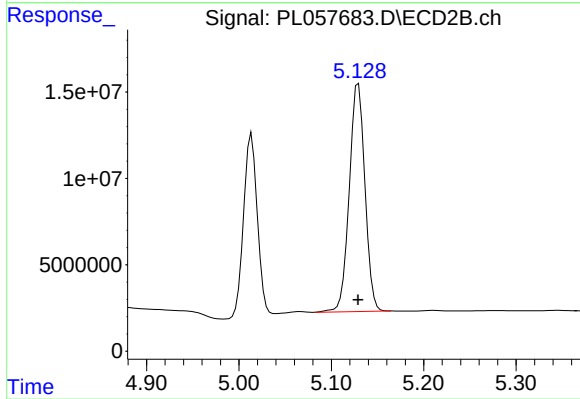
#3 gamma-BHC (Lindane)

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 157704385
Conc: 50.27 ng/ml



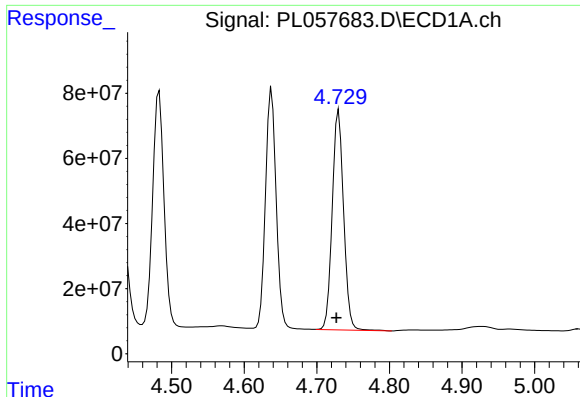
#4 Heptachlor

R.T.: 4.483 min
Delta R.T.: 0.004 min
Response: 776593451
Conc: 52.29 ng/ml



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 155429095
Conc: 49.38 ng/ml m



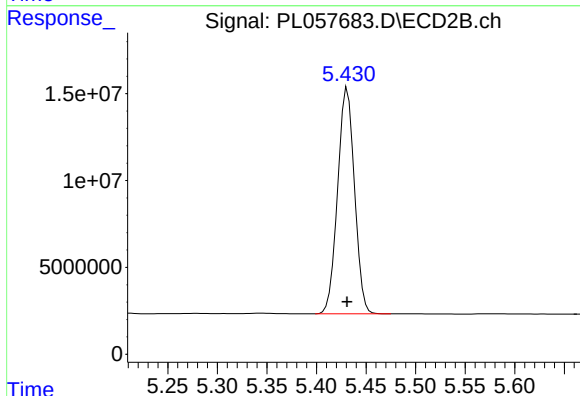
#5 Aldrin

R.T.: 4.730 min
Delta R.T.: 0.003 min
Response: 737848240
Conc: 53.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

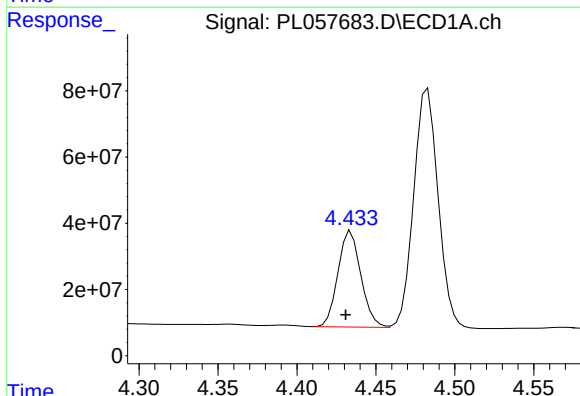
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



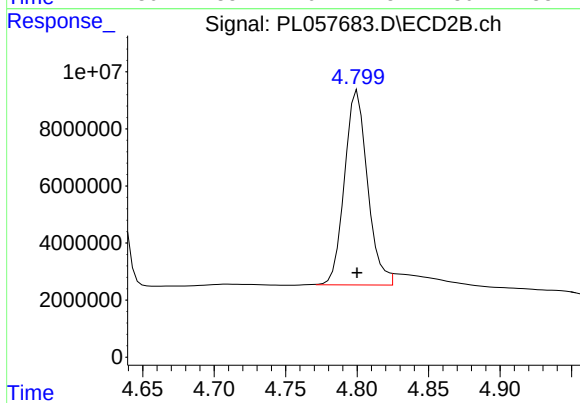
#5 Aldrin

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 154204818
Conc: 50.55 ng/ml



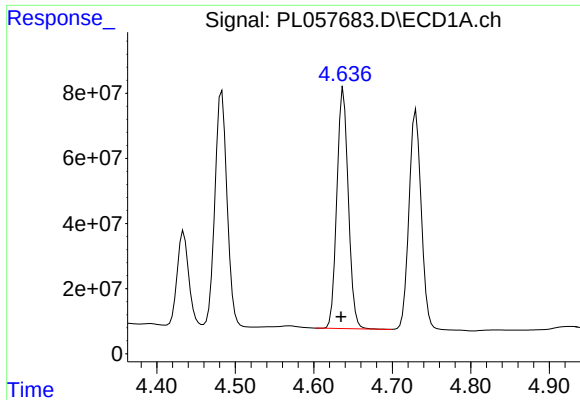
#6 beta-BHC

R.T.: 4.434 min
Delta R.T.: 0.003 min
Response: 294178762
Conc: 50.04 ng/ml



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 76413424
Conc: 52.98 ng/ml m



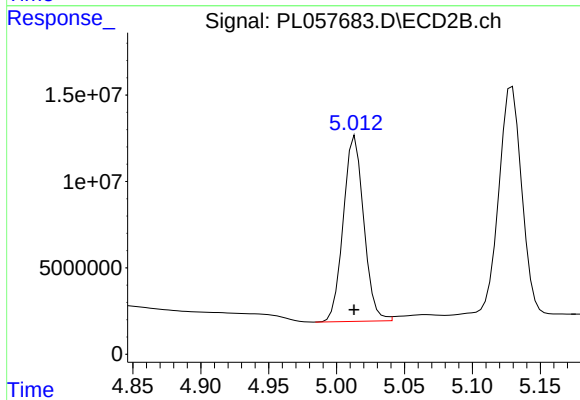
#7 delta-BHC

R.T.: 4.638 min
Delta R.T.: 0.003 min
Response: 750038597
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

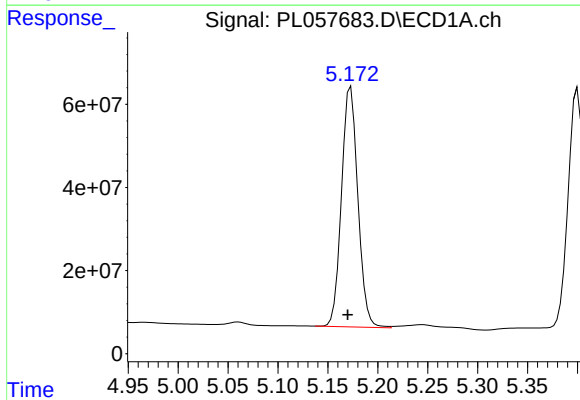
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



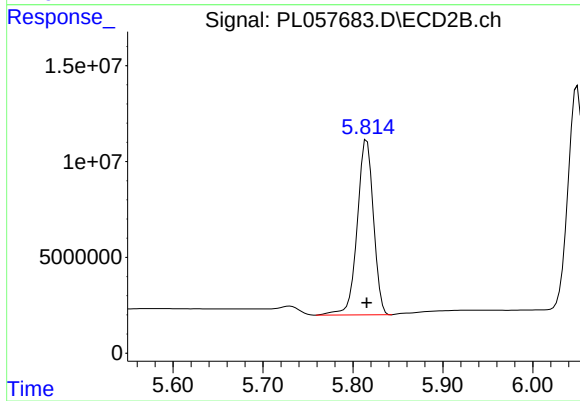
#7 delta-BHC

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 112516283
Conc: 43.91 ng/ml



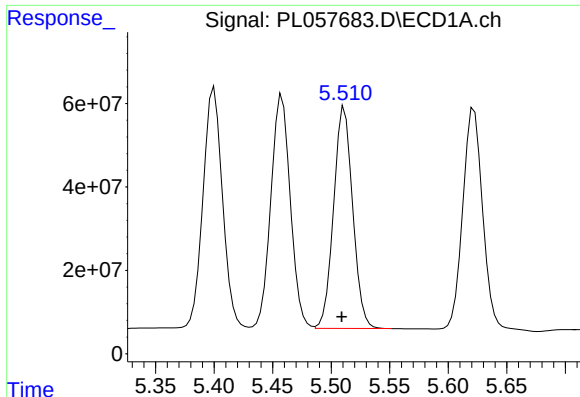
#8 Heptachlor epoxide

R.T.: 5.173 min
Delta R.T.: 0.003 min
Response: 659994177
Conc: 51.50 ng/ml



#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 114526379
Conc: 41.97 ng/ml



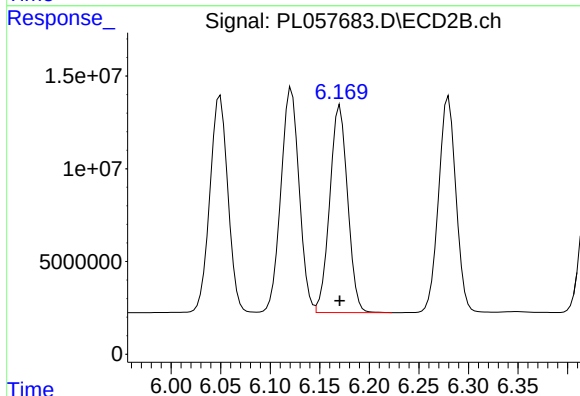
#9 Endosulfan I

R.T.: 5.511 min
Delta R.T.: 0.002 min
Response: 602047987
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

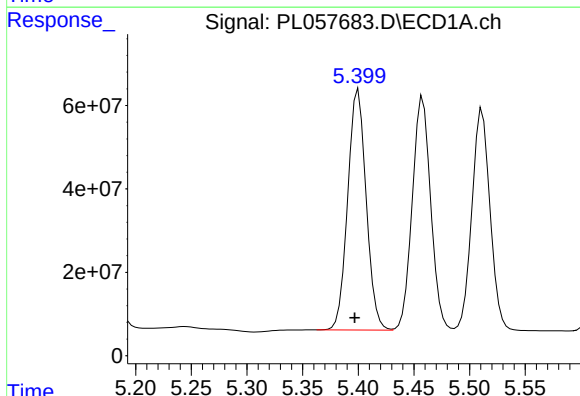
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



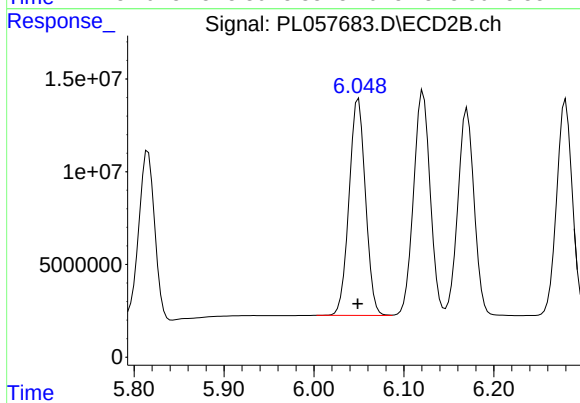
#9 Endosulfan I

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 140260716
Conc: 49.30 ng/ml



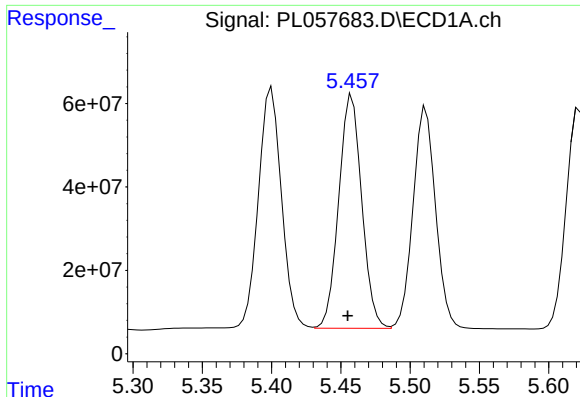
#10 gamma-Chlordane

R.T.: 5.400 min
Delta R.T.: 0.003 min
Response: 665910564
Conc: 51.07 ng/ml



#10 gamma-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 148017667
Conc: 48.02 ng/ml



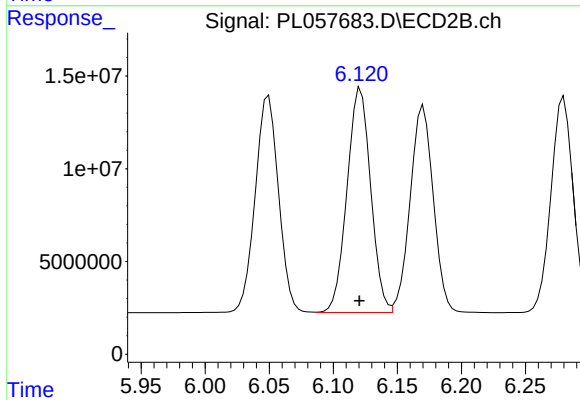
#11 alpha-Chlordane

R.T.: 5.458 min
Delta R.T.: 0.003 min
Response: 647644957
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

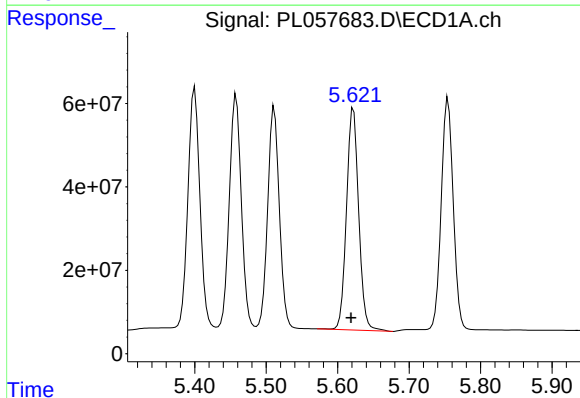
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



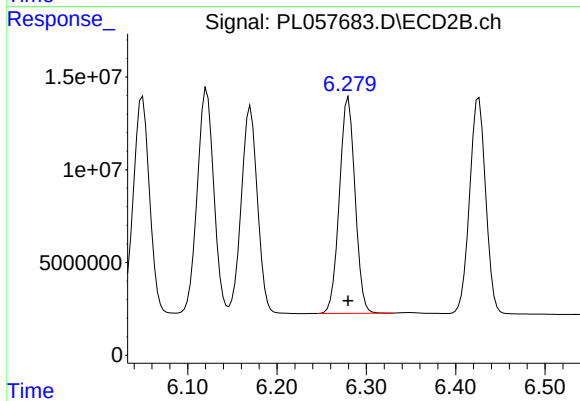
#11 alpha-Chlordane

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 155694050
Conc: 50.02 ng/ml



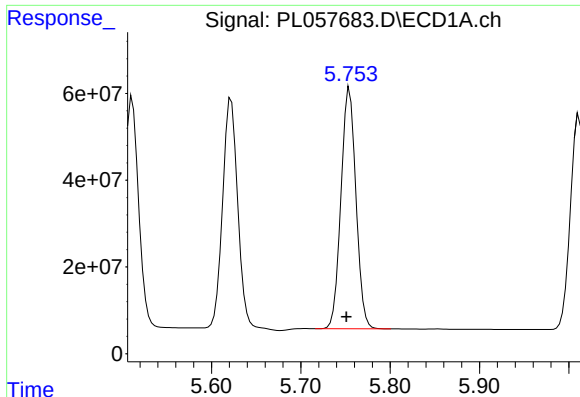
#12 4,4'-DDE

R.T.: 5.622 min
Delta R.T.: 0.003 min
Response: 633511913
Conc: 50.86 ng/ml



#12 4,4'-DDE

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 141642509
Conc: 49.83 ng/ml



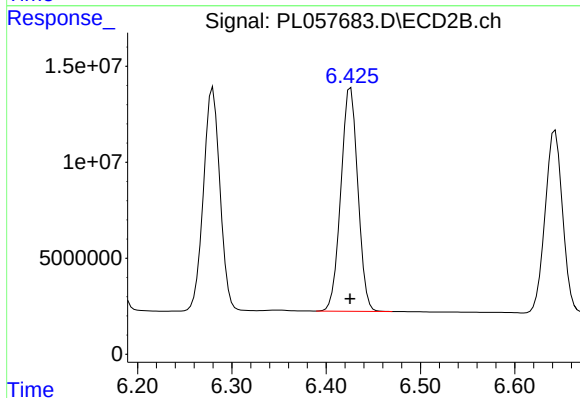
#13 Dieldrin

R.T.: 5.755 min
Delta R.T.: 0.004 min
Response: 645668055
Conc: 51.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

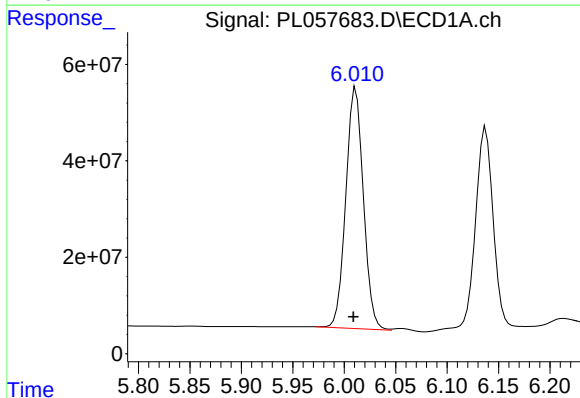
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



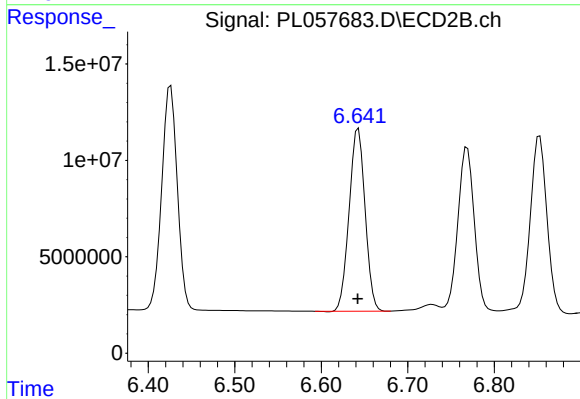
#13 Dieldrin

R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 145766928
Conc: 49.28 ng/ml



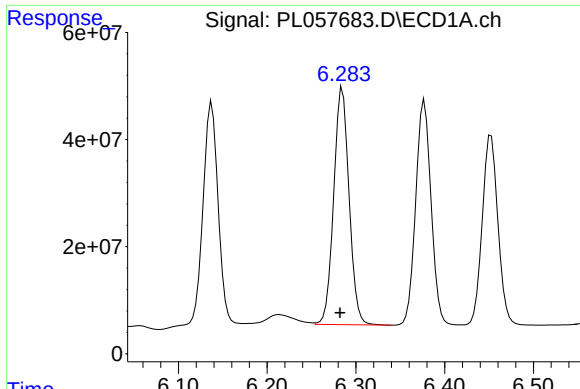
#14 Endrin

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 594177565
Conc: 51.98 ng/ml



#14 Endrin

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 121114737
Conc: 50.20 ng/ml



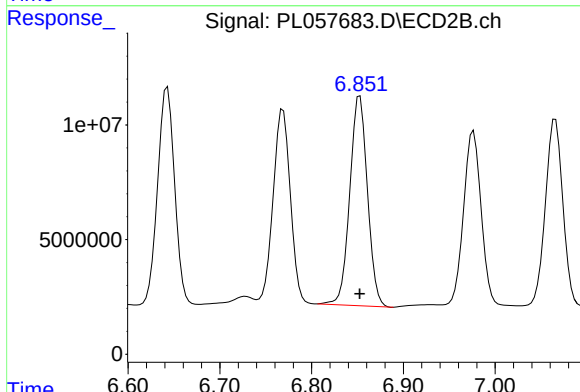
#15 Endosulfan II

R.T.: 6.285 min
Delta R.T.: 0.003 min
Response: 533778839
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

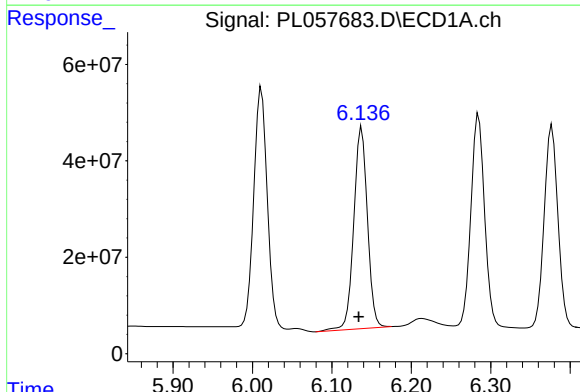
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



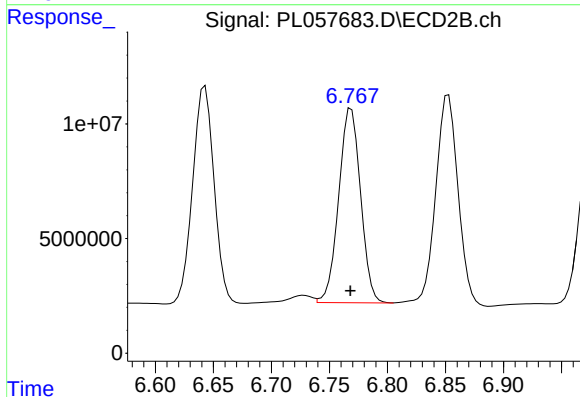
#15 Endosulfan II

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 122451412
Conc: 46.62 ng/ml



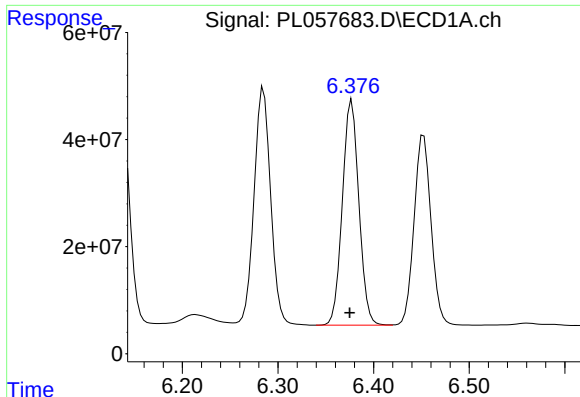
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: 0.004 min
Response: 498165961
Conc: 50.83 ng/ml



#16 4,4'-DDD

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 111211272
Conc: 48.70 ng/ml m



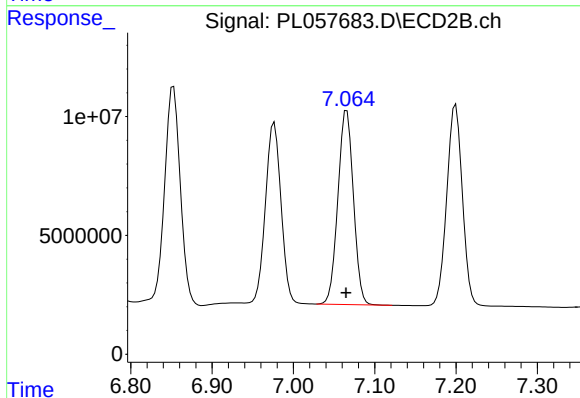
#17 4,4'-DDT

R.T.: 6.377 min
Delta R.T.: 0.002 min
Response: 506651810
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

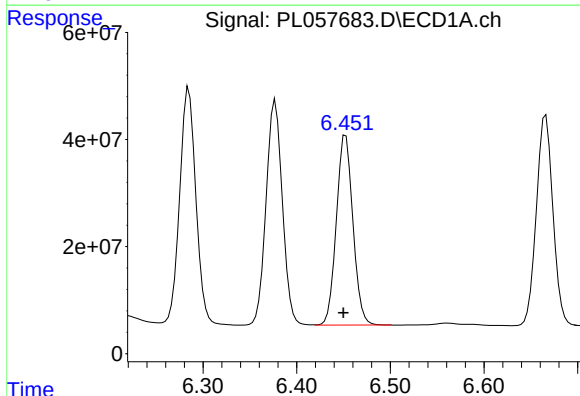
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



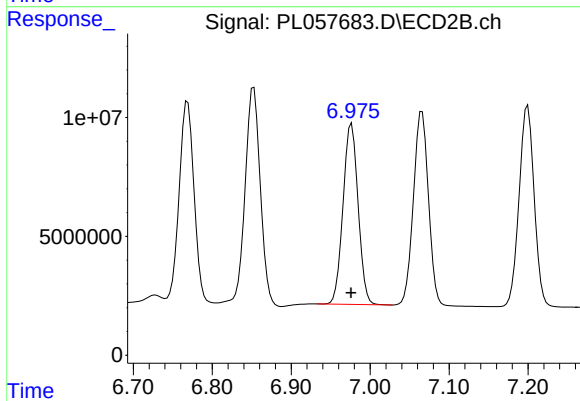
#17 4,4'-DDT

R.T.: 7.066 min
Delta R.T.: 0.001 min
Response: 108167055
Conc: 47.49 ng/ml



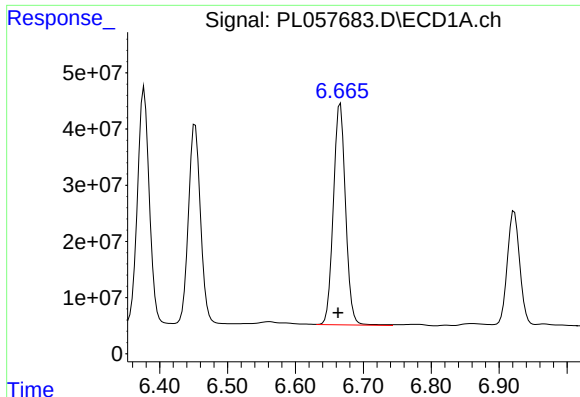
#18 Endrin aldehyde

R.T.: 6.452 min
Delta R.T.: 0.002 min
Response: 435969377
Conc: 47.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 101040960
Conc: 45.45 ng/ml



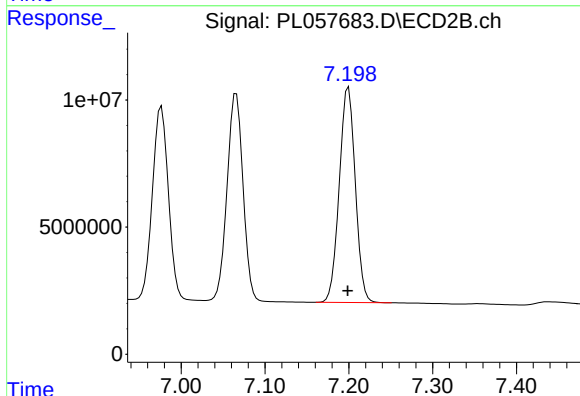
#19 Endosulfan Sulfate

R.T.: 6.666 min
Delta R.T.: 0.003 min
Response: 490918129
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

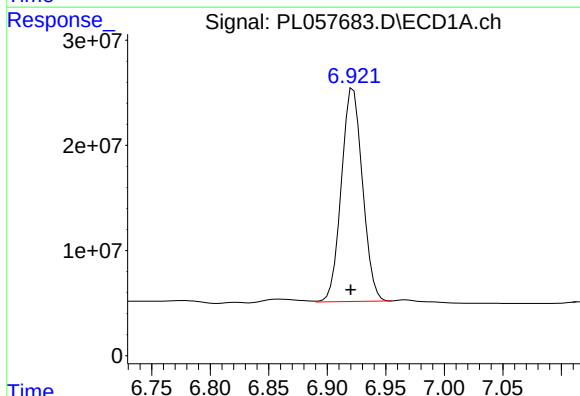
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



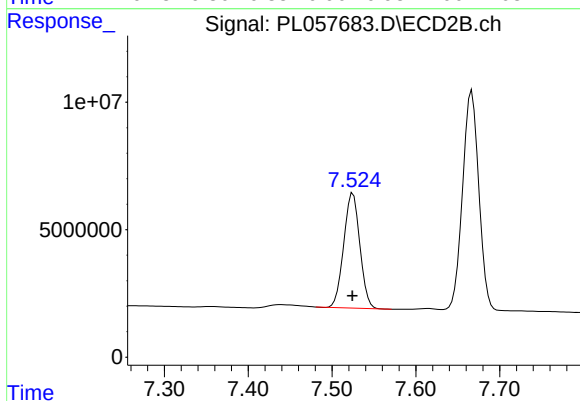
#19 Endosulfan Sulfate

R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 112667252
Conc: 46.19 ng/ml



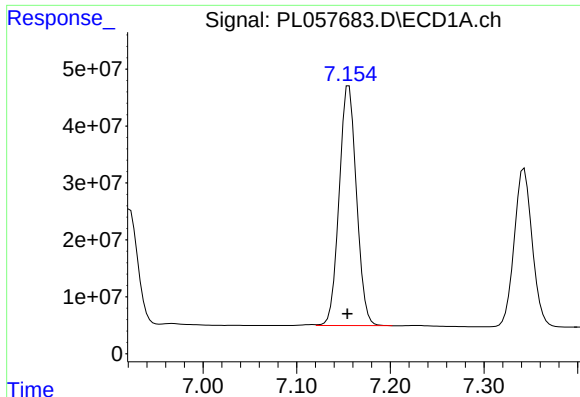
#20 Methoxychlor

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 254882959
Conc: 47.50 ng/ml



#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 60353259
Conc: 46.40 ng/ml



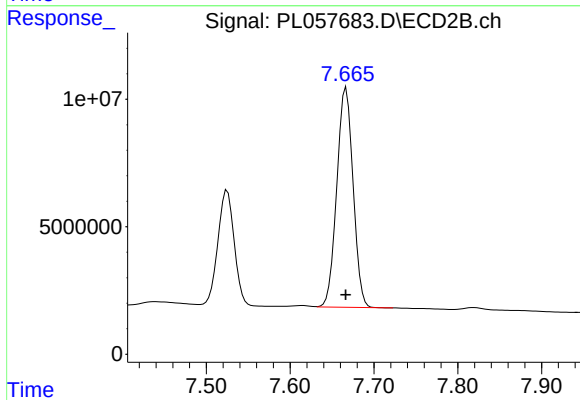
#21 Endrin ketone

R.T.: 7.156 min
Delta R.T.: 0.002 min
Response: 542080657
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

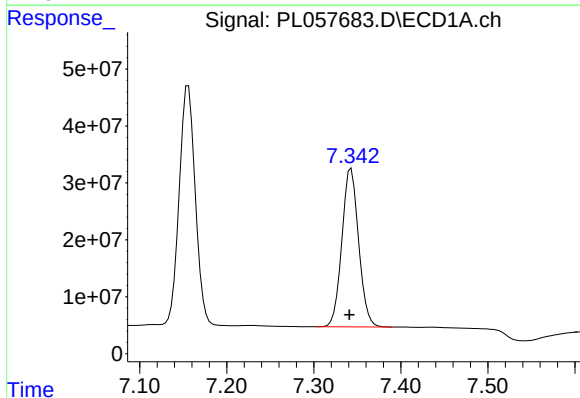
Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



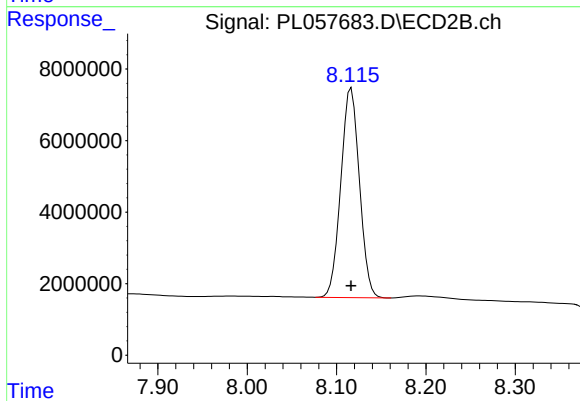
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 116183647
Conc: 44.88 ng/ml



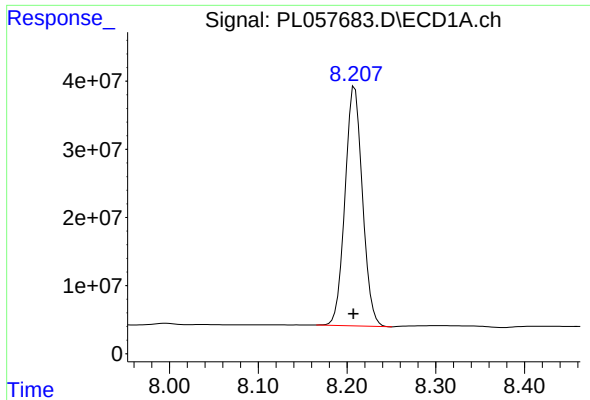
#22 Mirex

R.T.: 7.343 min
Delta R.T.: 0.002 min
Response: 371387673
Conc: 45.85 ng/ml



#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 84736485
Conc: 44.38 ng/ml



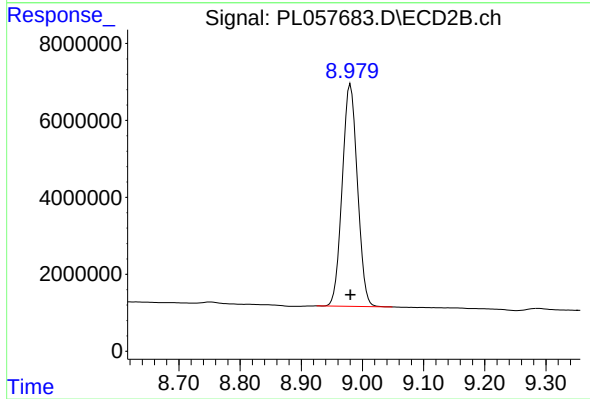
#28 Decachlorobiphenyl

R.T.: 8.209 min
Delta R.T.: 0.002 min
Response: 479930141
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
3/31/2020 4:22:48 PM



#28 Decachlorobiphenyl

R.T.: 8.981 min
Delta R.T.: 0.000 min
Response: 99675258
Conc: 44.95 ng/ml