

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031720\
 Data File : PL057447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2020 15:19
 Operator : AJ\MA
 Sample : L1949-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-219MS

Manual Integrations
 APPROVED

mohammad
 3/18/2020 2:26:58 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 16:11:22 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...	3.458	3.957	189.3E6	44028028	20.419	20.294
28)	SA Decachlor...	8.206	8.977	178.0E6	41454822	16.819	18.696
Target Compounds							
2)	A alpha-BHC	3.894	4.344	827.5E6	167.4E6	51.949m	52.123
3)	MA gamma-BHC...	4.179	4.626	750.8E6	156.4E6	52.236	49.838
4)	MA Heptachlor	4.479	5.128	781.2E6	160.8E6	52.598	51.090
5)	MB Aldrin	4.727	5.430	733.2E6	156.6E6	53.153	51.343
6)	B beta-BHC	4.430	4.799	322.9E6	76284298	54.920	52.889
7)	B delta-BHC	4.634	5.013	736.0E6	118.6E6	52.440	46.073
8)	B Heptachlo...	5.169	5.814	673.6E6	139.1E6	52.558	50.982
9)	A Endosulfan I	5.508	6.168	609.9E6	140.5E6	51.297	49.368
10)	B gamma-Chl...	5.396	6.046	689.3E6	155.1E6	52.861	50.331m
11)	B alpha-Chl...	5.454	6.119	665.3E6	153.8E6	51.486	49.400
12)	B 4,4'-DDE	5.618	6.278	668.6E6	141.3E6	53.682	49.714
13)	MA Dieldrin	5.751	6.424	670.9E6	147.3E6	53.189	49.802
14)	MA Endrin	6.008	6.641	570.9E6	119.6E6	49.941	49.561
15)	B Endosulfa...	6.281	6.851	523.0E6	124.3E6	48.151	47.332
16)	A 4,4'-DDD	6.133	6.767	493.0E6	116.9E6	50.299	51.208
17)	MA 4,4'-DDT	6.374	7.063	479.2E6	108.6E6	48.050	47.690
18)	B Endrin al...	6.449	6.975	433.9E6	108.4E6	46.985	48.747
19)	B Endosulfa...	6.662	7.197	499.6E6	121.0E6	49.747	49.595
20)	A Methoxychlor	6.918	7.523	241.0E6	58250738	44.905	44.788
21)	B Endrin ke...	7.152	7.665	543.6E6	130.6E6	48.099	50.449
22)	Mirex	7.339	8.115	388.9E6	91516252	48.018	47.926

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031720\
Data File : PL057447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2020 15:19
Operator : AJ\MA
Sample : L1949-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

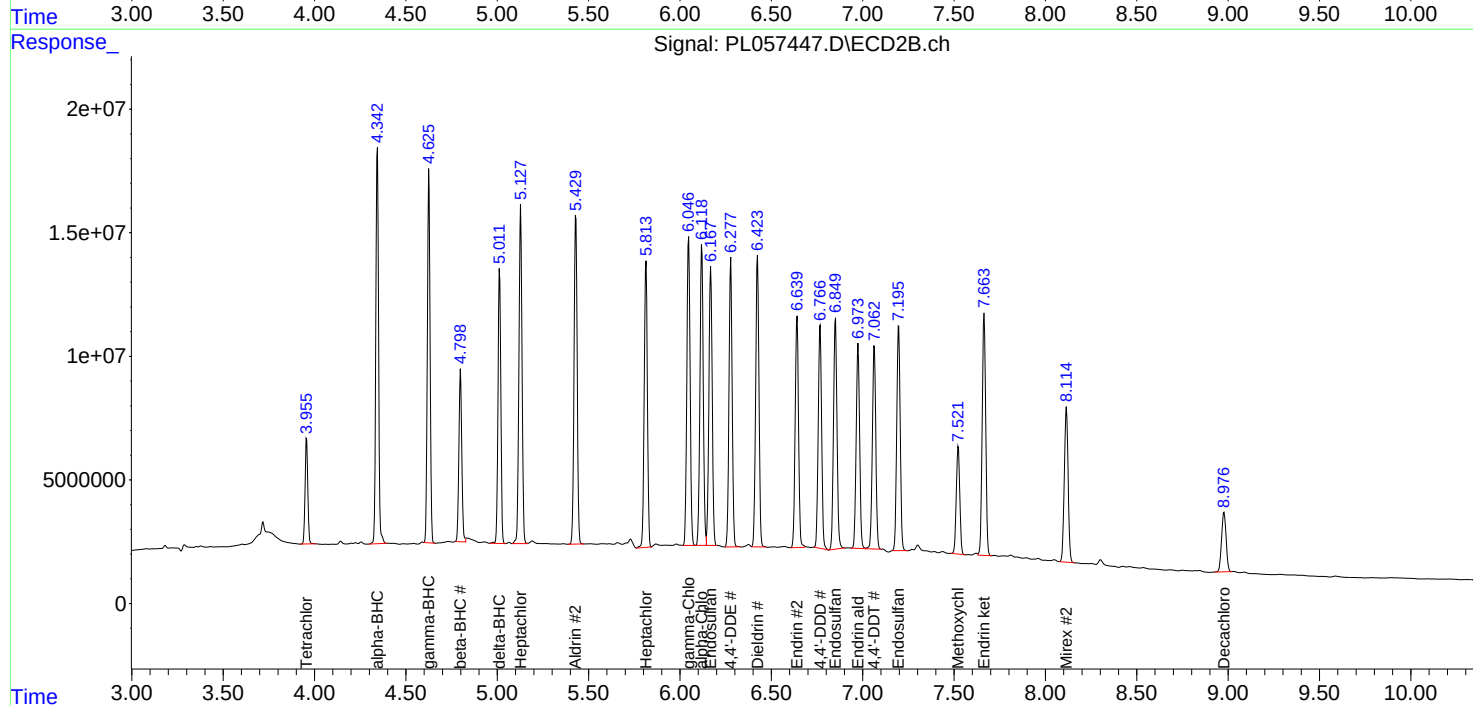
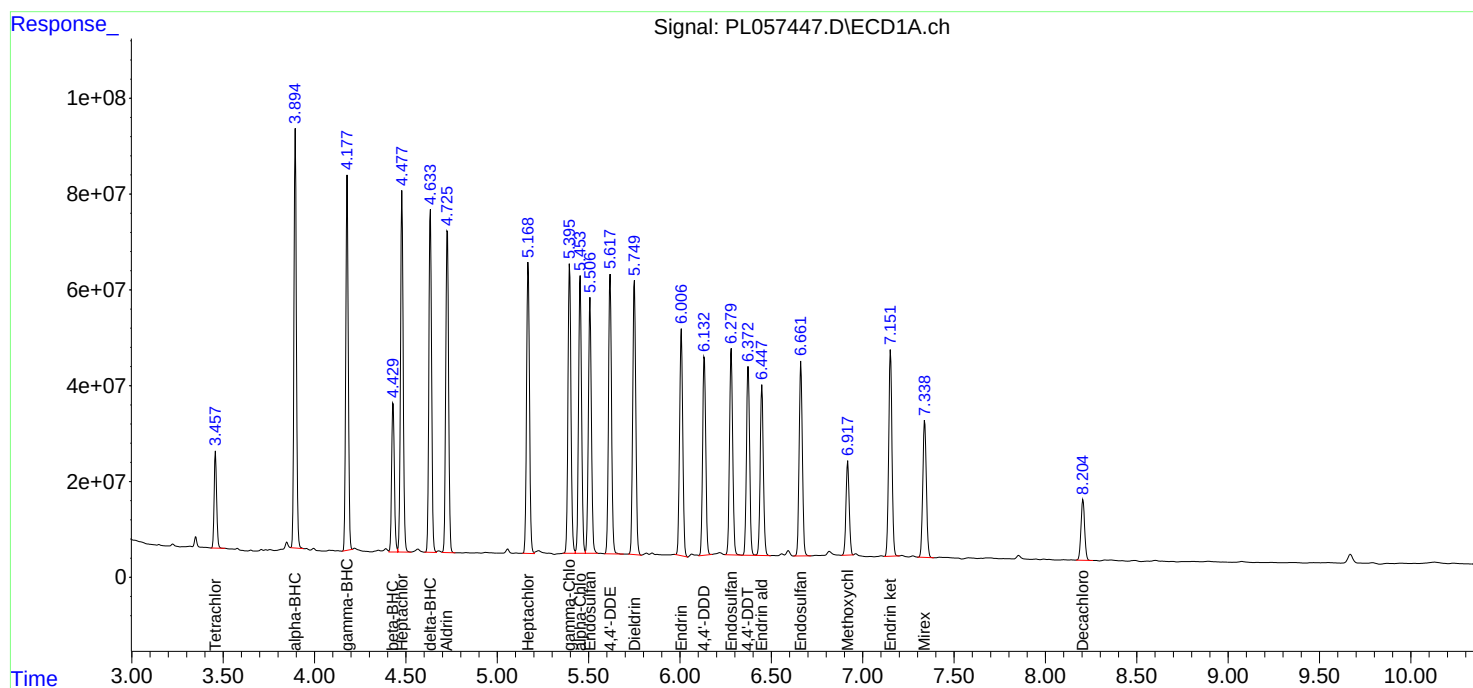
Instrument :
ECD_L
ClientSampled :
VNJ-219MS

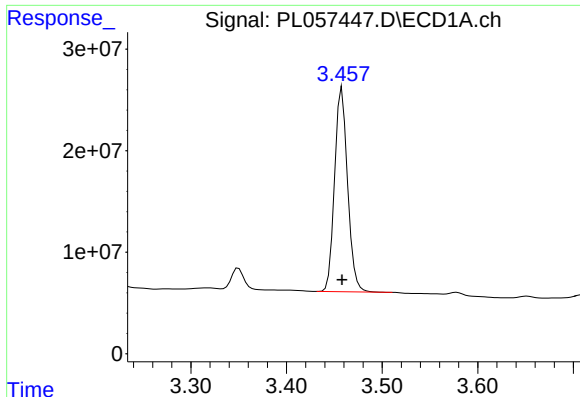
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 16:11:22 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





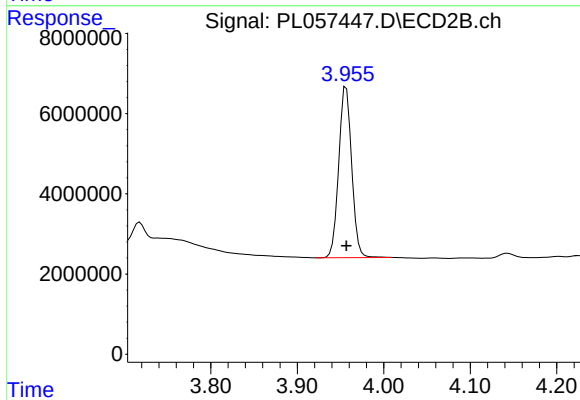
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 189267737
Conc: 20.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

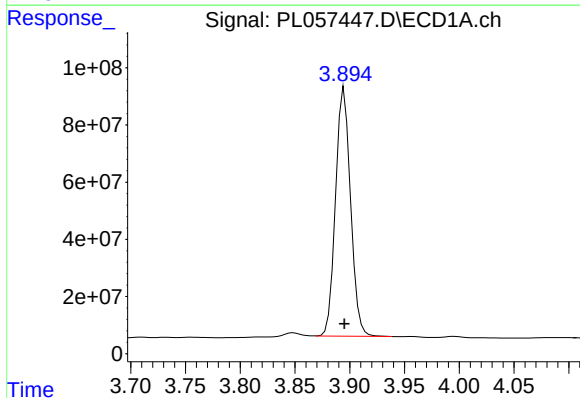
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



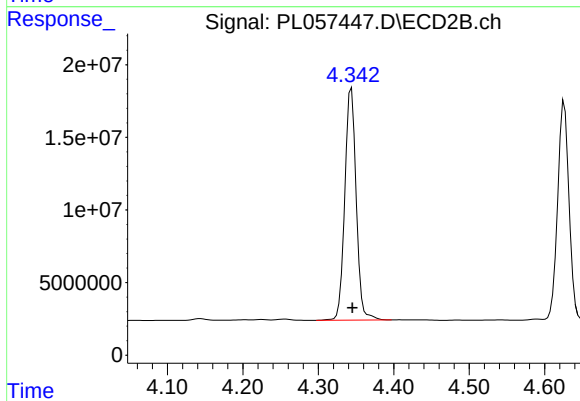
#1 Tetrachloro-m-xylene

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 44028028
Conc: 20.29 ng/ml



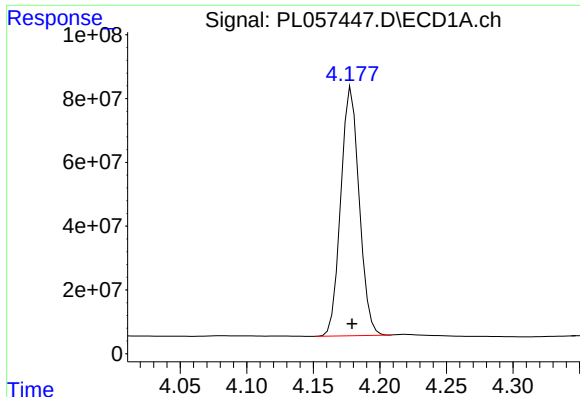
#2 alpha-BHC

R.T.: 3.894 min
Delta R.T.: -0.001 min
Response: 827519806
Conc: 51.95 ng/ml m



#2 alpha-BHC

R.T.: 4.344 min
Delta R.T.: -0.001 min
Response: 167421724
Conc: 52.12 ng/ml



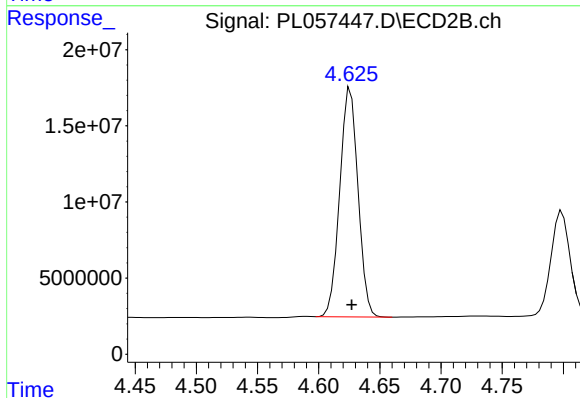
#3 gamma-BHC (Lindane)

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 750781933
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

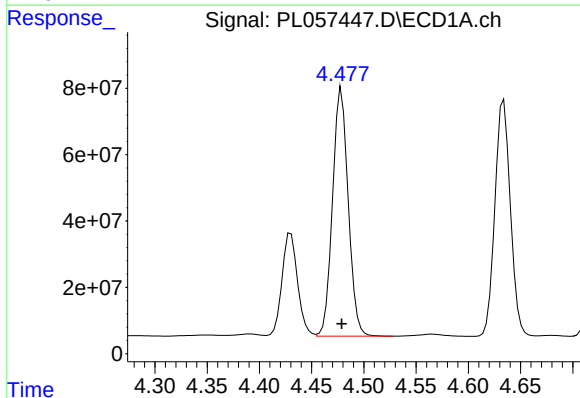
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



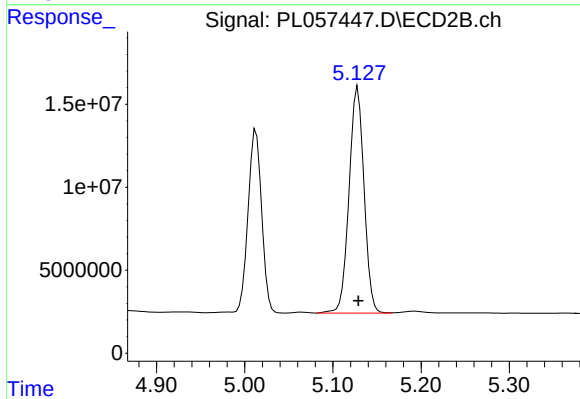
#3 gamma-BHC (Lindane)

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 156362072
Conc: 49.84 ng/ml



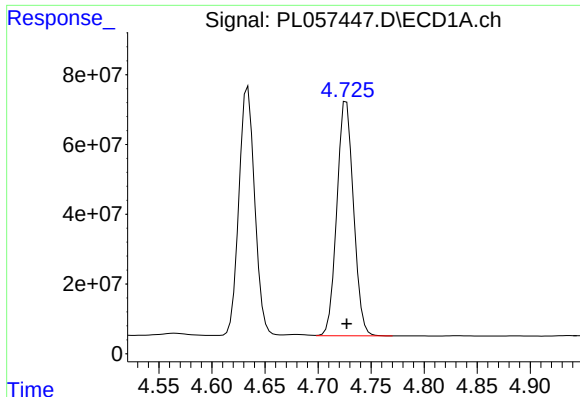
#4 Heptachlor

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 781192881
Conc: 52.60 ng/ml



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 160816528
Conc: 51.09 ng/ml



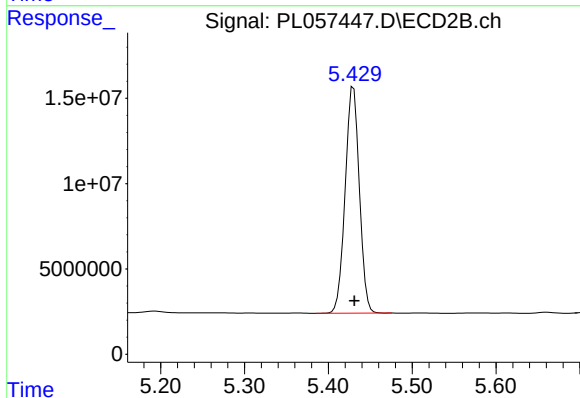
#5 Aldrin

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 733202180
Conc: 53.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

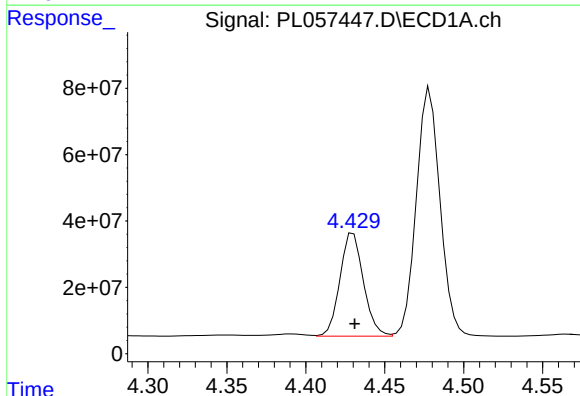
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



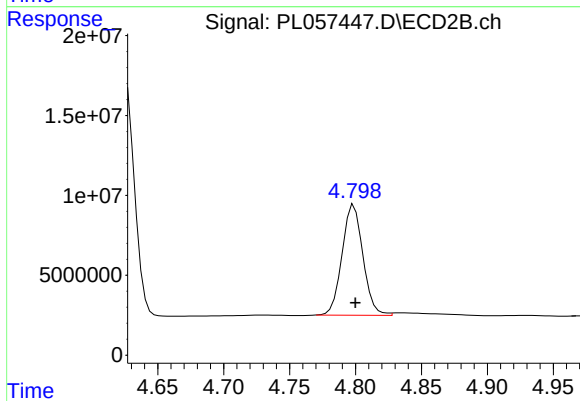
#5 Aldrin

R.T.: 5.430 min
Delta R.T.: -0.001 min
Response: 156633335
Conc: 51.34 ng/ml



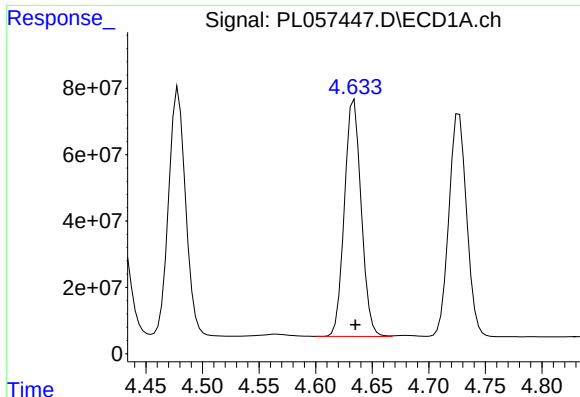
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 322882569
Conc: 54.92 ng/ml



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 76284298
Conc: 52.89 ng/ml



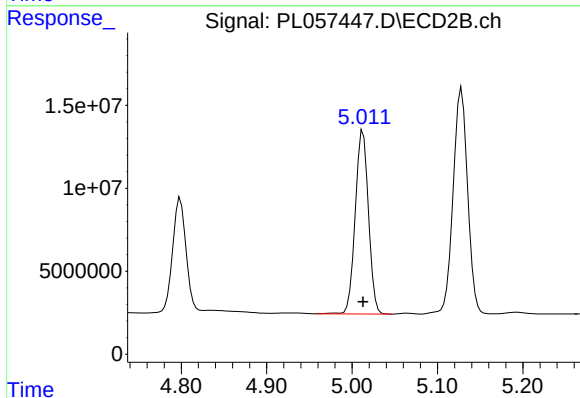
#7 delta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 736006255
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

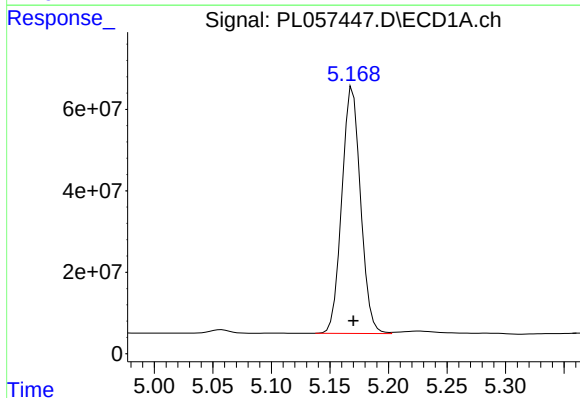
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



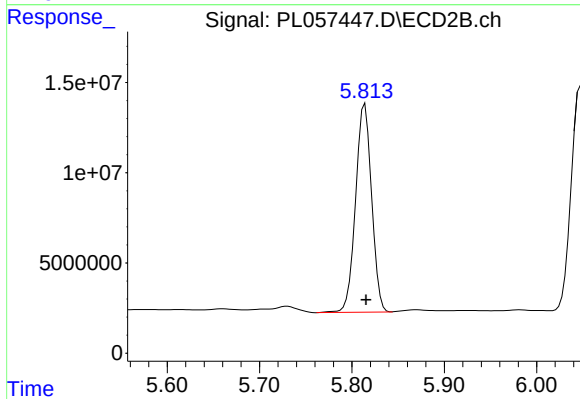
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 118624835
Conc: 46.07 ng/ml



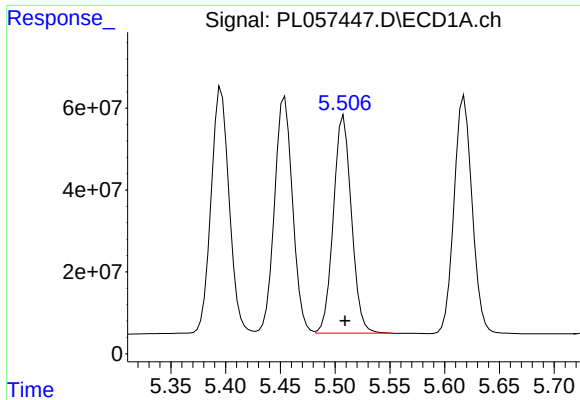
#8 Heptachlor epoxide

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 673578780
Conc: 52.56 ng/ml



#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.001 min
Response: 139113302
Conc: 50.98 ng/ml



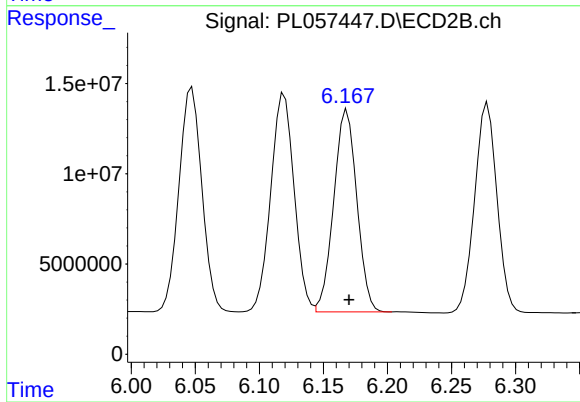
#9 Endosulfan I

R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 609912905
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

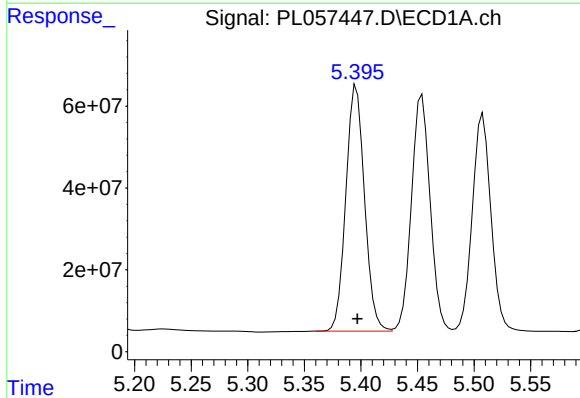
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



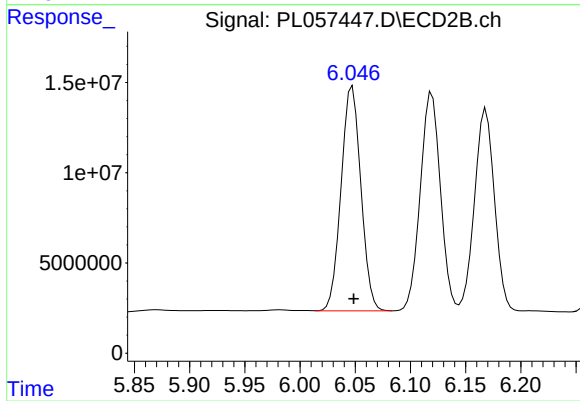
#9 Endosulfan I

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 140468714
Conc: 49.37 ng/ml



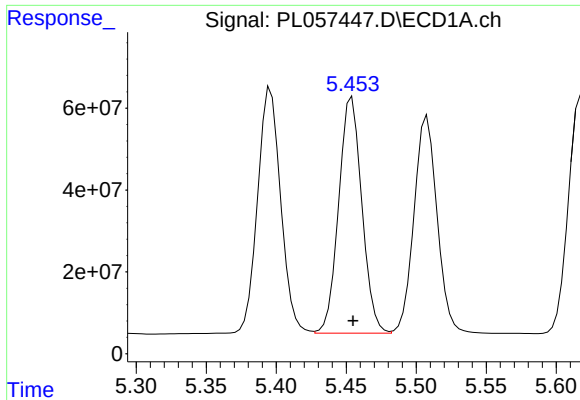
#10 gamma-Chlordane

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 689323311
Conc: 52.86 ng/ml



#10 gamma-Chlordane

R.T.: 6.046 min
Delta R.T.: -0.003 min
Response: 155126891
Conc: 50.33 ng/ml m



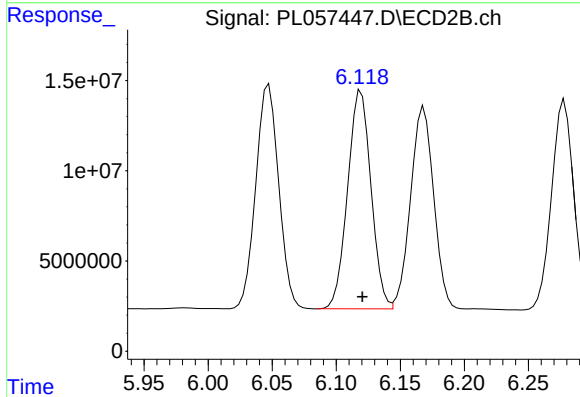
#11 alpha-Chlordane

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 665331226
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

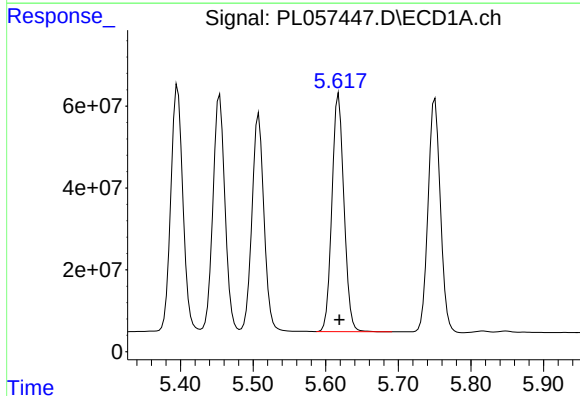
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



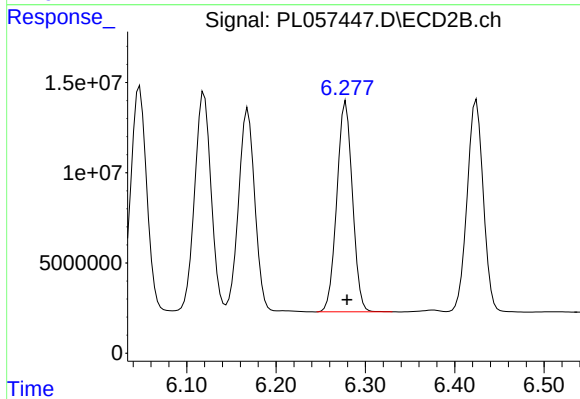
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: -0.001 min
Response: 153766102
Conc: 49.40 ng/ml



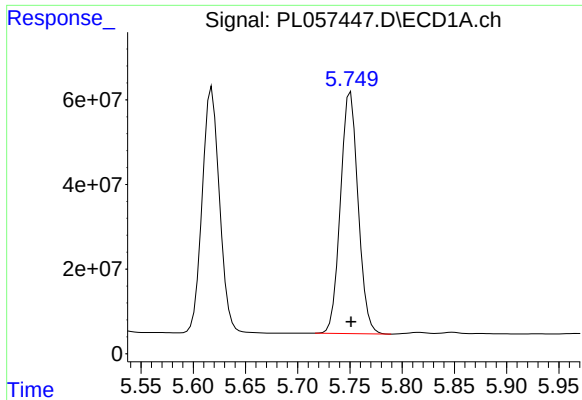
#12 4,4'-DDE

R.T.: 5.618 min
Delta R.T.: -0.001 min
Response: 668642734
Conc: 53.68 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 141309572
Conc: 49.71 ng/ml



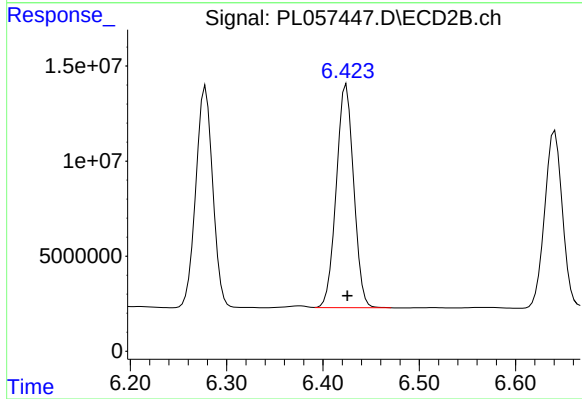
#13 Dieldrin

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 670857853
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

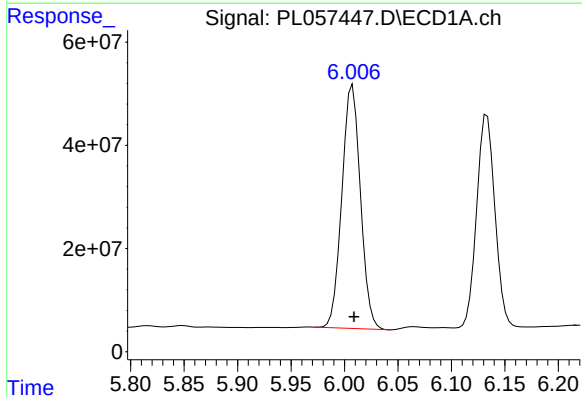
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



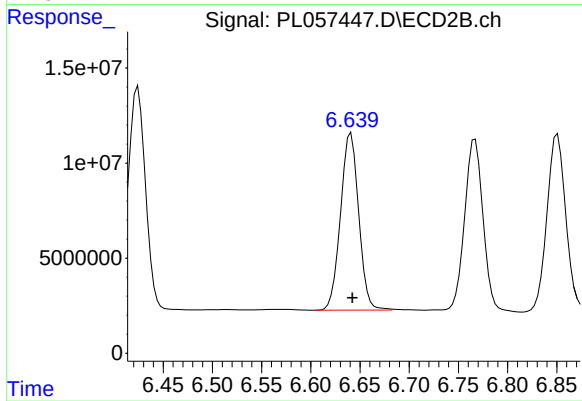
#13 Dieldrin

R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 147313205
Conc: 49.80 ng/ml



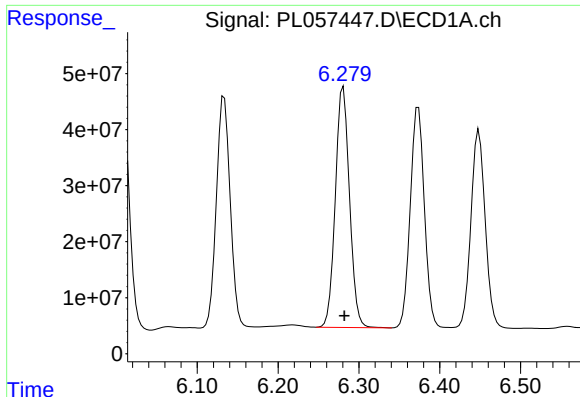
#14 Endrin

R.T.: 6.008 min
Delta R.T.: -0.001 min
Response: 570898949
Conc: 49.94 ng/ml



#14 Endrin

R.T.: 6.641 min
Delta R.T.: -0.001 min
Response: 119579462
Conc: 49.56 ng/ml



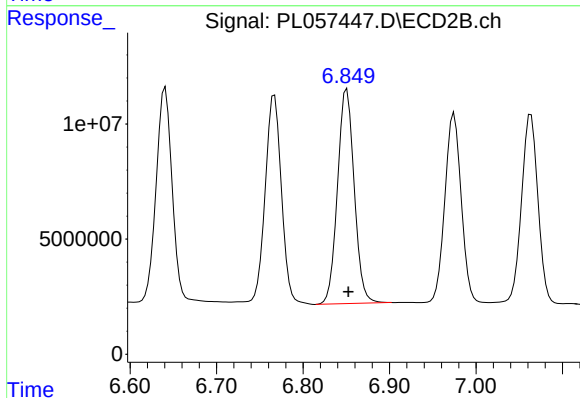
#15 Endosulfan II

R.T.: 6.281 min
Delta R.T.: -0.001 min
Response: 522965490
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

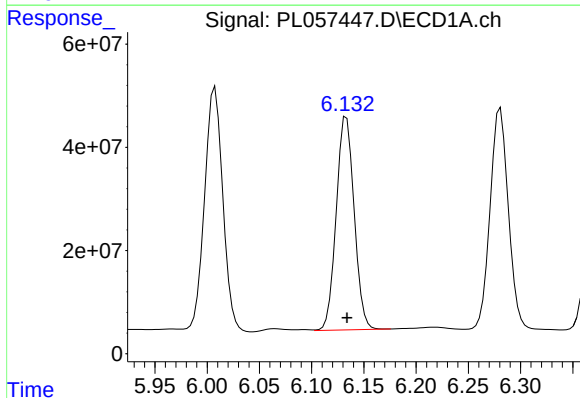
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



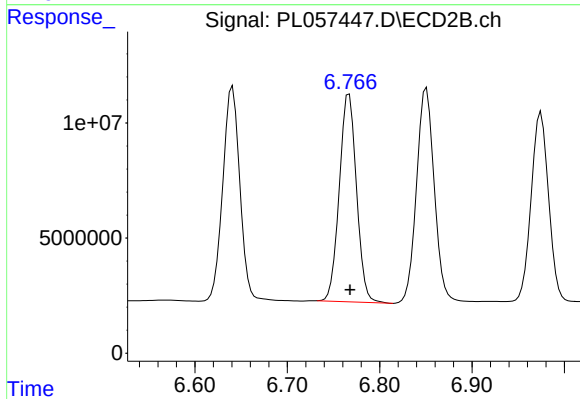
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 124335008
Conc: 47.33 ng/ml



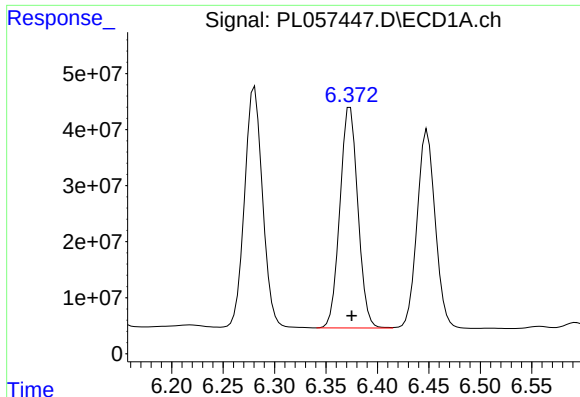
#16 4,4'-DDD

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 493000330
Conc: 50.30 ng/ml



#16 4,4'-DDD

R.T.: 6.767 min
Delta R.T.: -0.001 min
Response: 116945755
Conc: 51.21 ng/ml



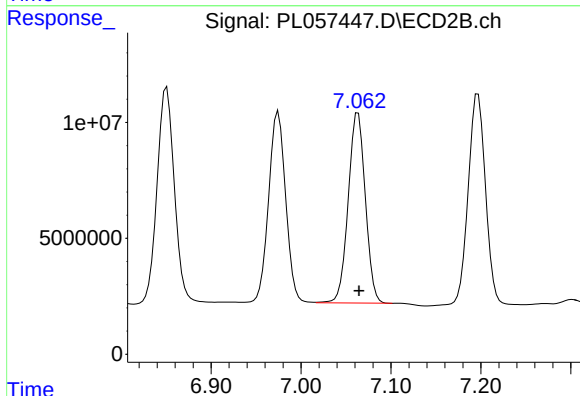
#17 4,4'-DDT

R.T.: 6.374 min
Delta R.T.: -0.001 min
Response: 479191429
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

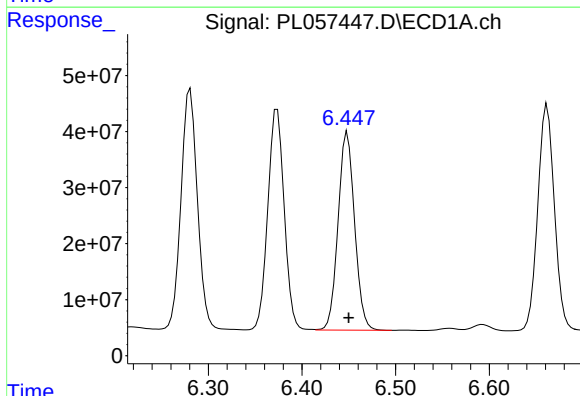
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



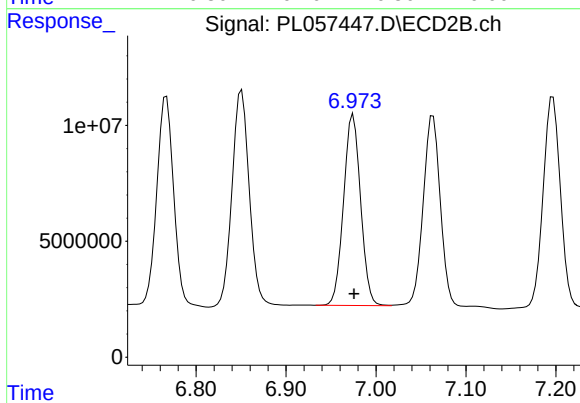
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.001 min
Response: 108620629
Conc: 47.69 ng/ml



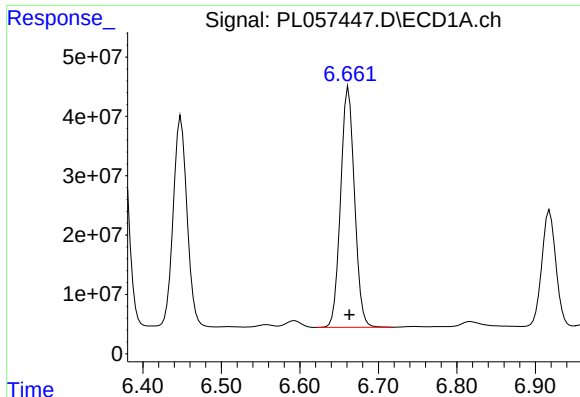
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: -0.001 min
Response: 433916681
Conc: 46.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.975 min
Delta R.T.: -0.001 min
Response: 108368850
Conc: 48.75 ng/ml



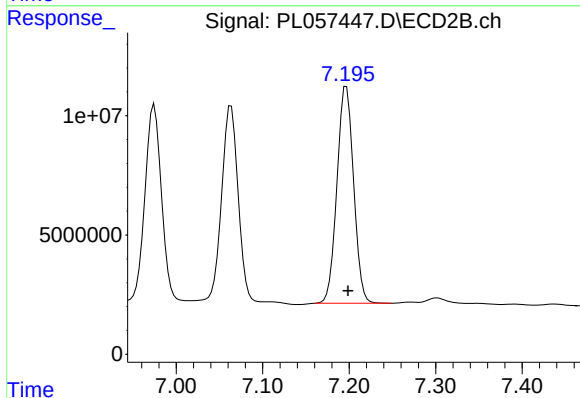
#19 Endosulfan Sulfate

R.T.: 6.662 min
Delta R.T.: -0.001 min
Response: 499583567
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

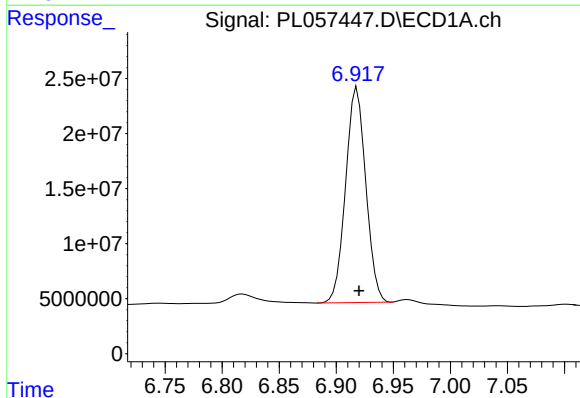
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



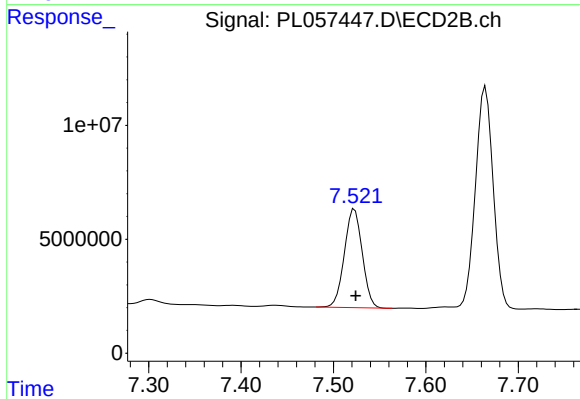
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 120963976
Conc: 49.59 ng/ml



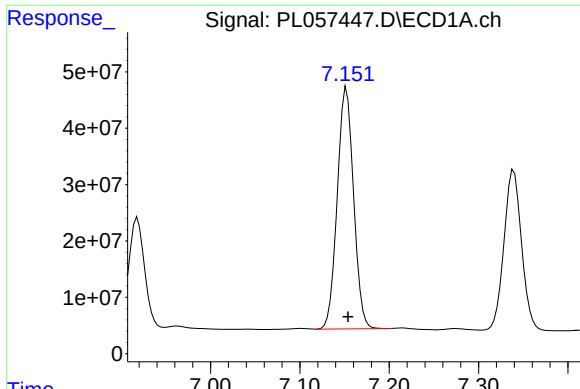
#20 Methoxychlor

R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 240954920
Conc: 44.91 ng/ml



#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.001 min
Response: 58250738
Conc: 44.79 ng/ml



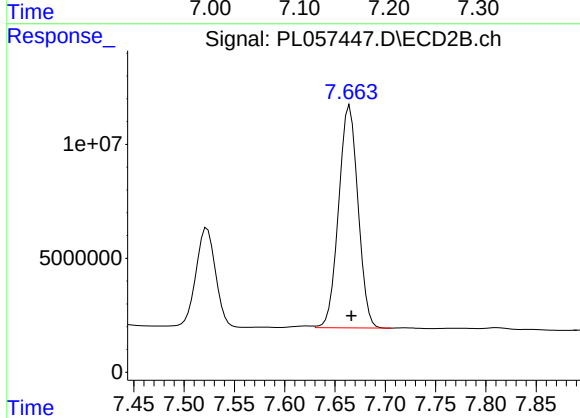
#21 Endrin ketone

R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 543645611
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

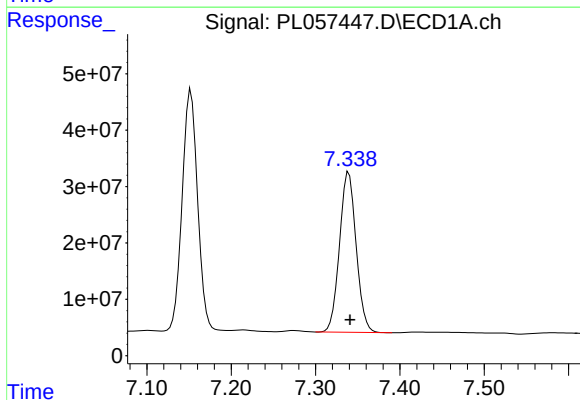
Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



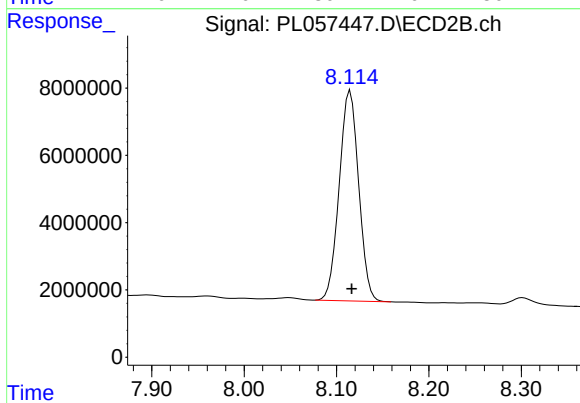
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: -0.002 min
Response: 130592372
Conc: 50.45 ng/ml



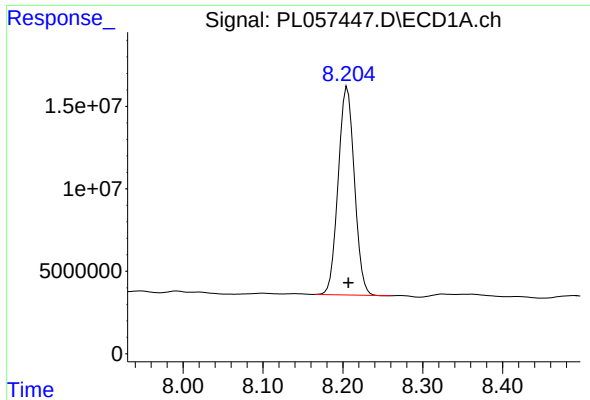
#22 Mirex

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 388912573
Conc: 48.02 ng/ml



#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.001 min
Response: 91516252
Conc: 47.93 ng/ml



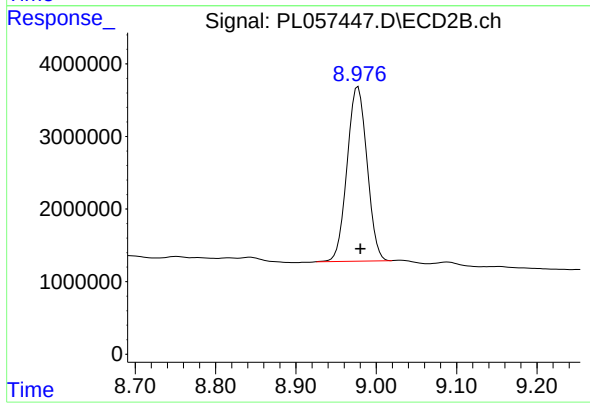
#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: -0.001 min
Response: 177968322
Conc: 16.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-219MS

Manual Integrations
APPROVED

mohammad
3/18/2020 2:26:58 PM



#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.003 min
Response: 41454822
Conc: 18.70 ng/ml