

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022020\
 Data File : PL056715.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2020 19:30
 Operator : AJ\MA
 Sample : PB126947BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB126947BS

Manual Integrations
 APPROVED

mohammad
 2/25/2020 2:44:48 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:32:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021920.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 20 02:32:45 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...	3.498	4.019	196.7E6	57566954	22.742	23.110
28)	SA Decachlor...	8.249	9.089	227.0E6	44021412	19.086	20.949
Target Compounds							
2)	A alpha-BHC	3.936	4.408	891.9E6	228.7E6	56.508	60.796
3)	MA gamma-BHC...	4.220	4.693	846.4E6	204.4E6	56.739	59.360
4)	MA Heptachlor	4.521	5.199	810.3E6	165.6E6	54.954	56.597
5)	MB Aldrin	4.769	5.504	763.7E6	163.4E6	51.152	52.195
6)	B beta-BHC	4.470	4.865	336.9E6	84757472	58.129	64.830
7)	B delta-BHC	4.676	5.082	818.8E6	158.8E6	56.807	52.151
8)	B Heptachlo...	5.212	5.891	789.9E6	159.6E6	55.833	54.596
9)	A Endosulfan I	5.553	6.249	758.0E6	156.2E6	56.705	57.817
10)	B gamma-Chl...	5.440	6.126	813.6E6	161.1E6	56.009	56.163
11)	B alpha-Chl...	5.498	6.198	794.9E6	160.3E6	55.045	56.352
12)	B 4,4'-DDE	5.661	6.357	751.8E6	153.7E6	53.451	55.813
13)	MA Dieldrin	5.795	6.506	844.3E6	166.8E6	56.644	58.341
14)	MA Endrin	6.053	6.724	774.3E6	144.2E6	57.369	58.531
15)	B Endosulfa...	6.325	6.935	629.3E6	141.2E6	50.673m	54.680
16)	A 4,4'-DDD	6.178	6.849	666.9E6	130.6E6	59.620	56.726
17)	MA 4,4'-DDT	6.417	7.146	641.6E6	125.6E6	58.912	60.380
18)	B Endrin al...	6.494	7.059	594.6E6	124.0E6	54.931	59.091
19)	B Endosulfa...	6.707	7.282	647.8E6	141.3E6	54.636	59.469
20)	A Methoxychlor	6.962	7.606	316.4E6	66855485	59.672	60.409
21)	B Endrin ke...	7.198	7.754	758.9E6	150.0E6	56.927	59.386
22)	Mirex	7.387	8.206	390.1E6	85144956	46.490	50.683

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022020\
Data File : PL056715.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2020 19:30
Operator : AJ\MA
Sample : PB126947BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

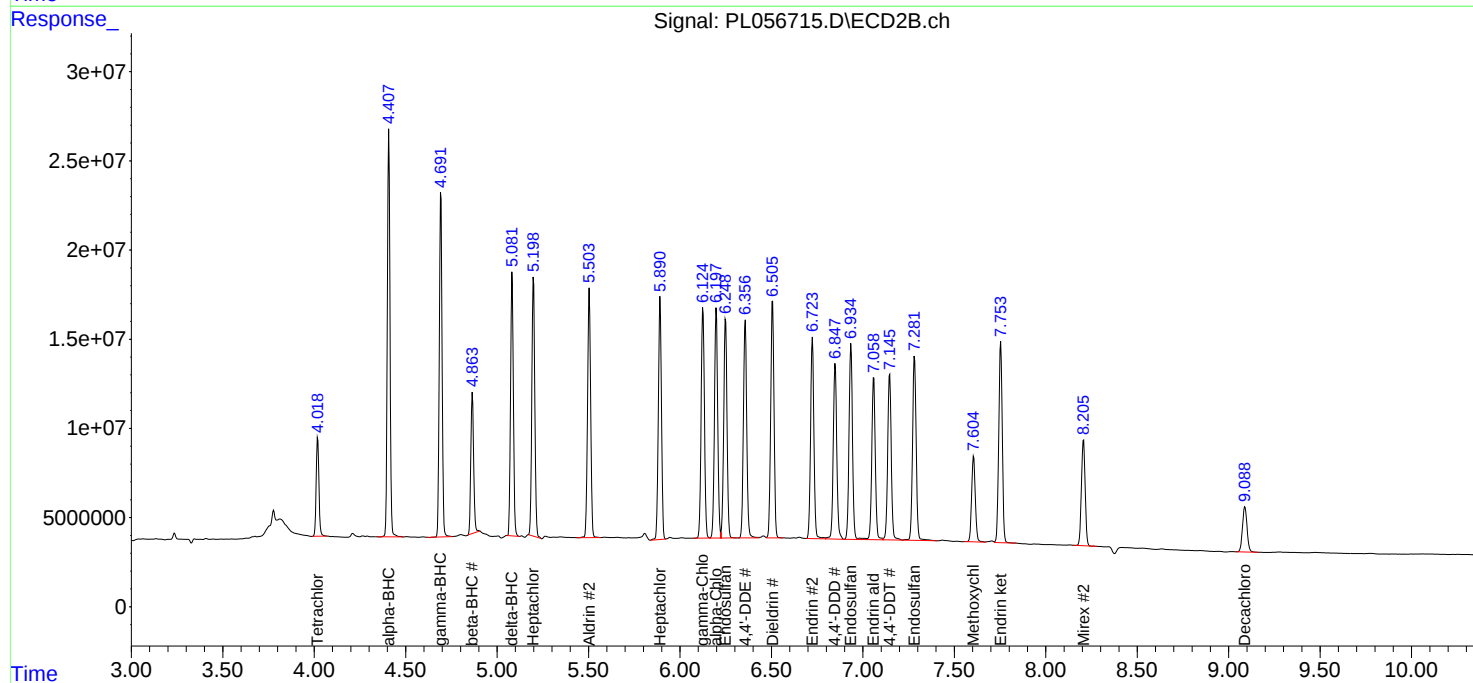
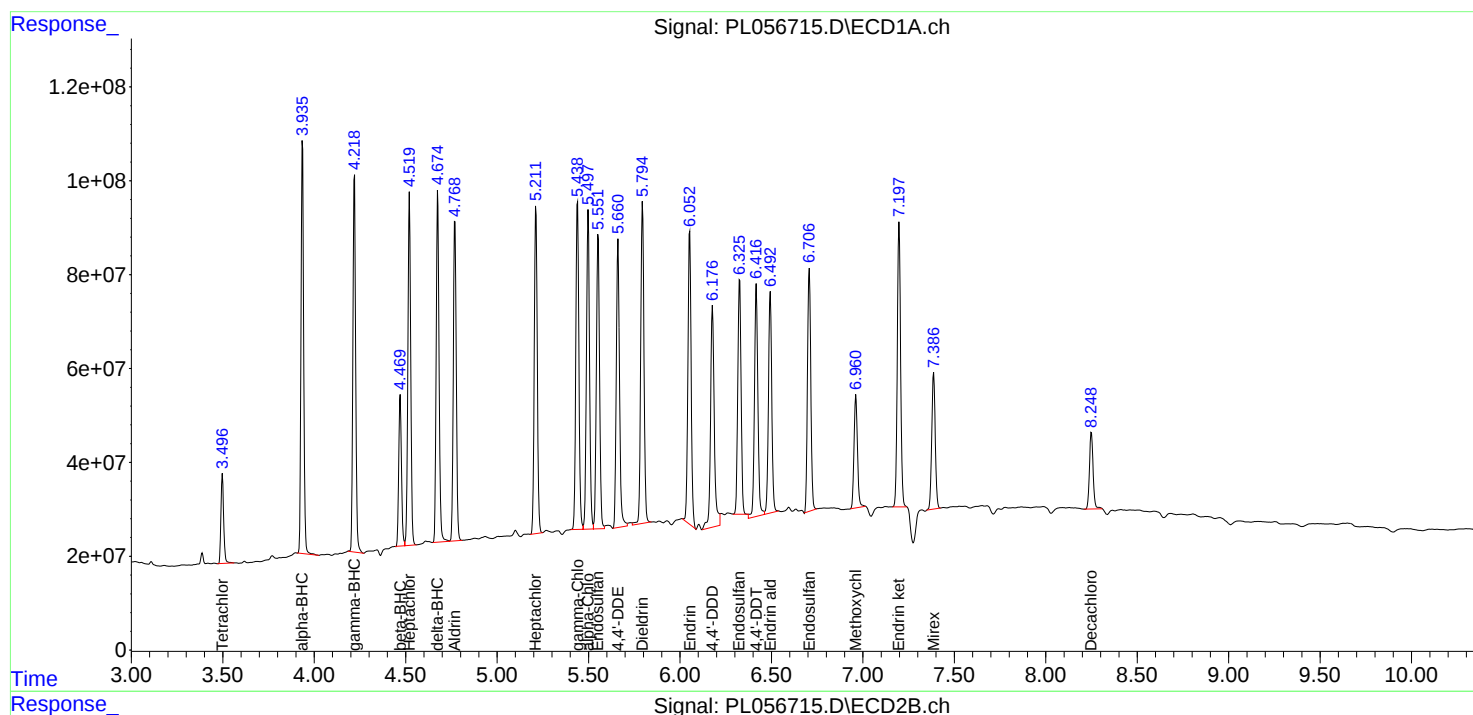
Instrument :
ECD_L
ClientSampleId :
PB126947BS

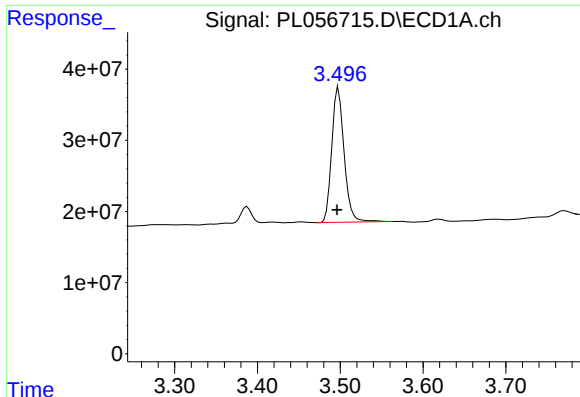
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 00:32:58 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021920.M
Quant Title : GC Extractables
QLast Update : Thu Feb 20 02:32:45 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





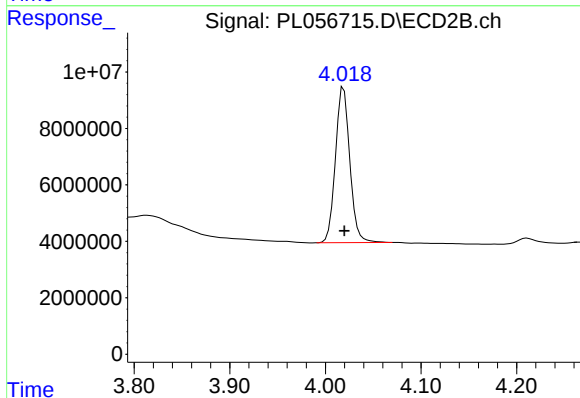
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.002 min
Response: 196665212
Conc: 22.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126947BS

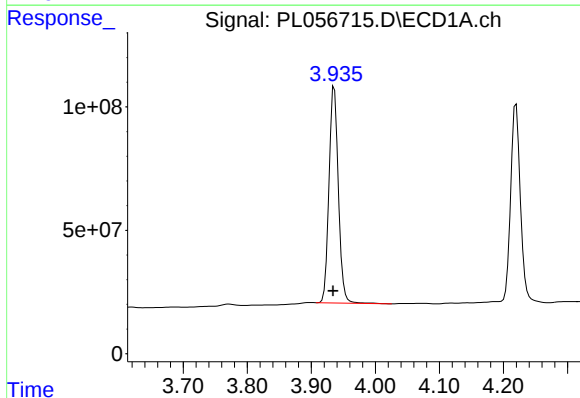
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



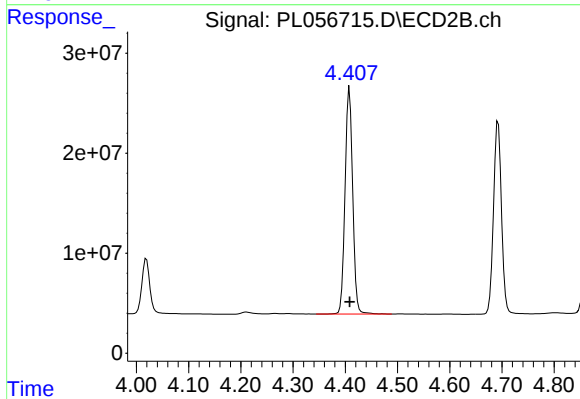
#1 Tetrachloro-m-xylene

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 57566954
Conc: 23.11 ng/ml



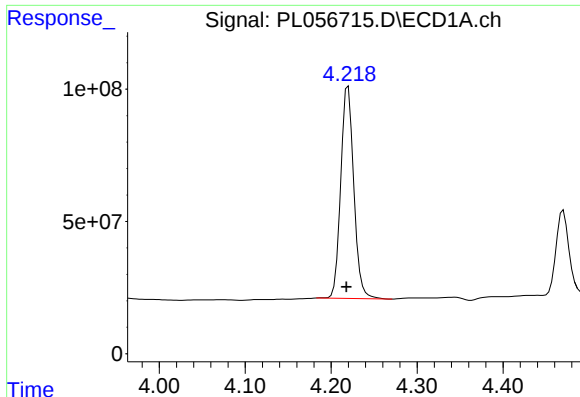
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.002 min
Response: 891927708
Conc: 56.51 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 228709578
Conc: 60.80 ng/ml



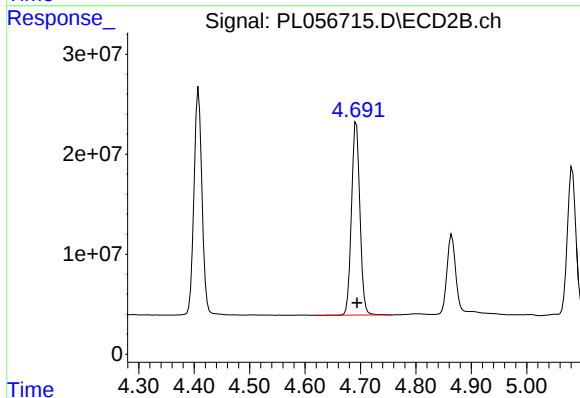
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 846433145
Conc: 56.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126947BS

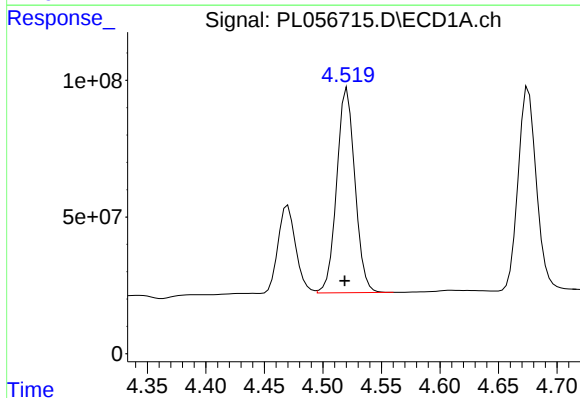
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



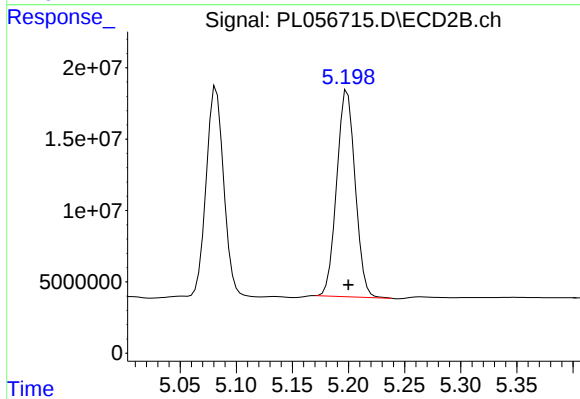
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 204411733
Conc: 59.36 ng/ml



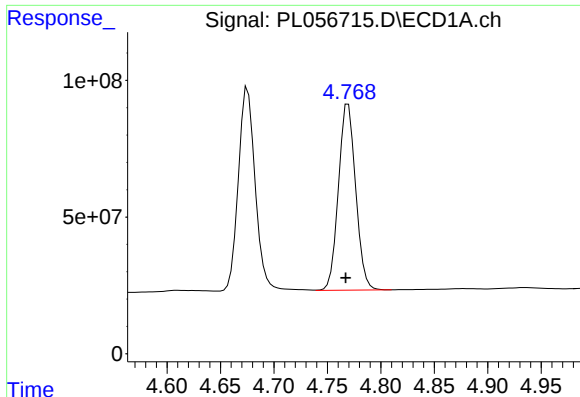
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 810331581
Conc: 54.95 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 165575266
Conc: 56.60 ng/ml



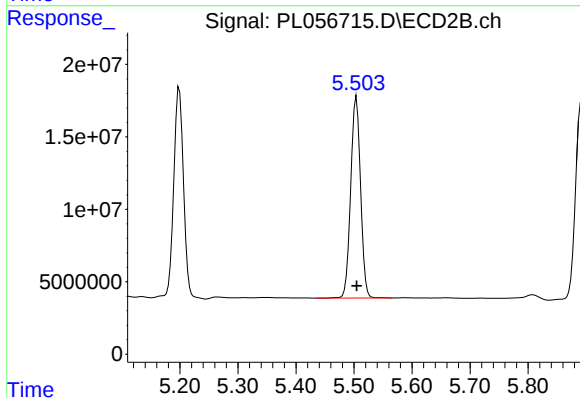
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: 0.002 min
Response: 763662216
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126947BS

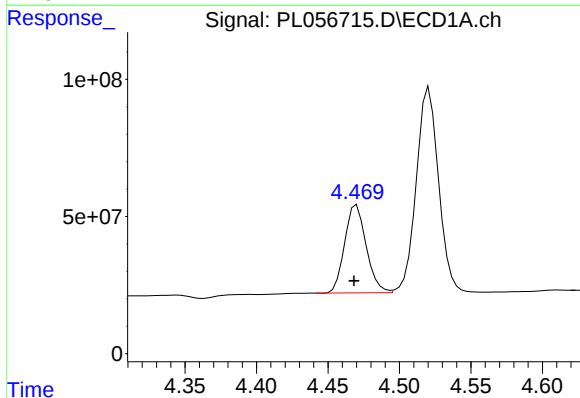
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



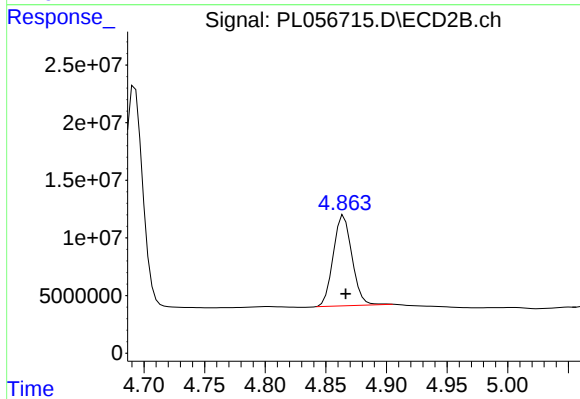
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 163359103
Conc: 52.20 ng/ml



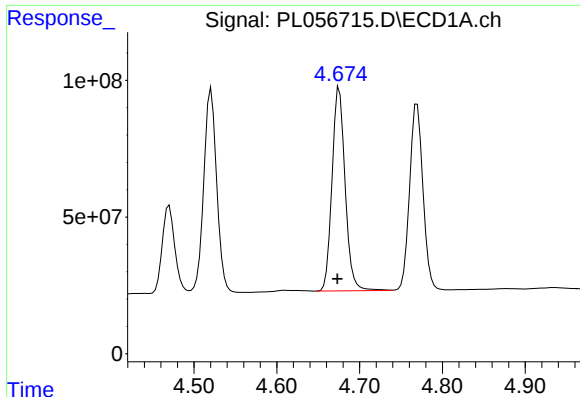
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.002 min
Response: 336874564
Conc: 58.13 ng/ml



#6 beta-BHC

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 84757472
Conc: 64.83 ng/ml



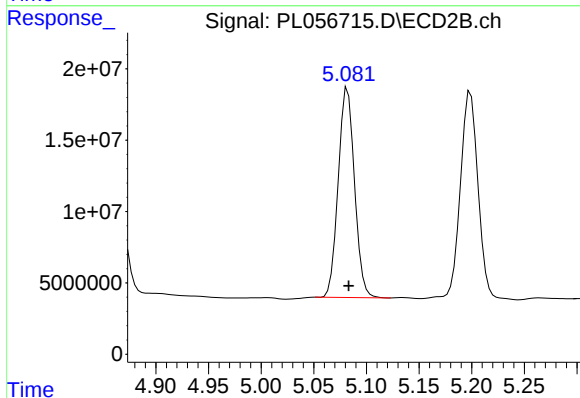
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.002 min
Response: 818772881
Conc: 56.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126947BS

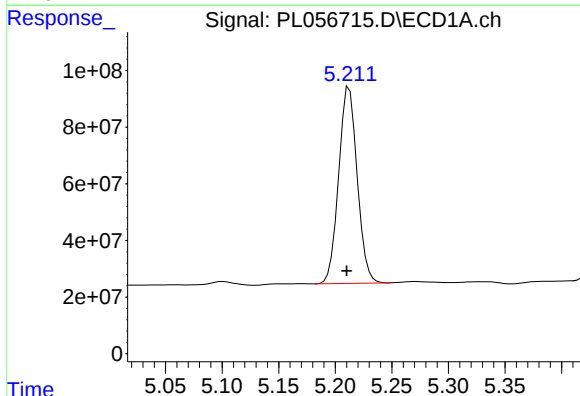
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



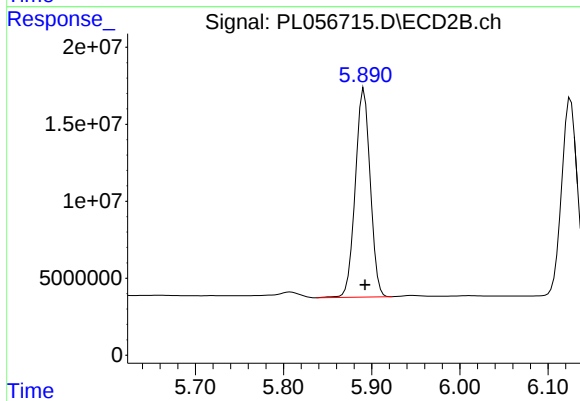
#7 delta-BHC

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 158775016
Conc: 52.15 ng/ml



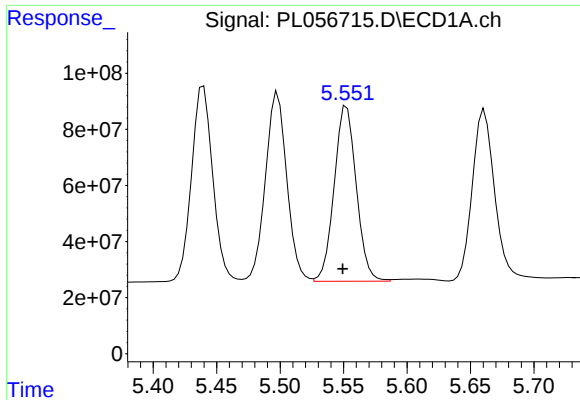
#8 Heptachlor epoxide

R.T.: 5.212 min
Delta R.T.: 0.002 min
Response: 789864173
Conc: 55.83 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 159626035
Conc: 54.60 ng/ml



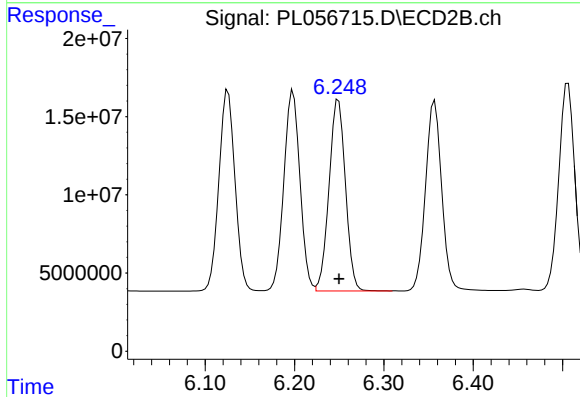
#9 Endosulfan I

R.T.: 5.553 min
Delta R.T.: 0.003 min
Response: 758042539
Conc: 56.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126947BS

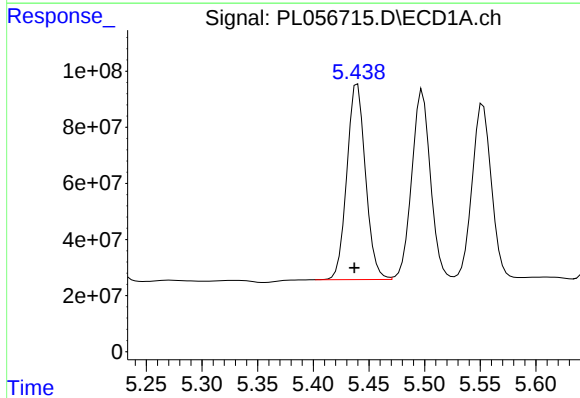
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



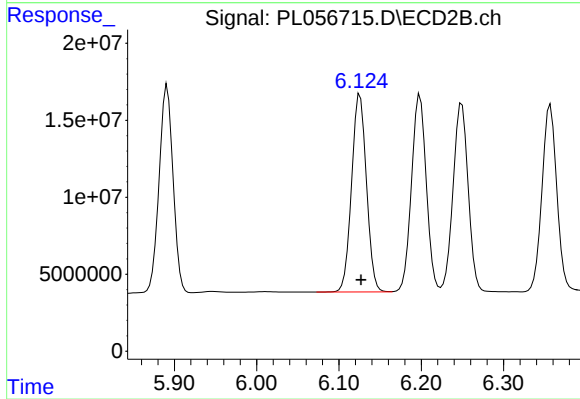
#9 Endosulfan I

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 156197520
Conc: 57.82 ng/ml



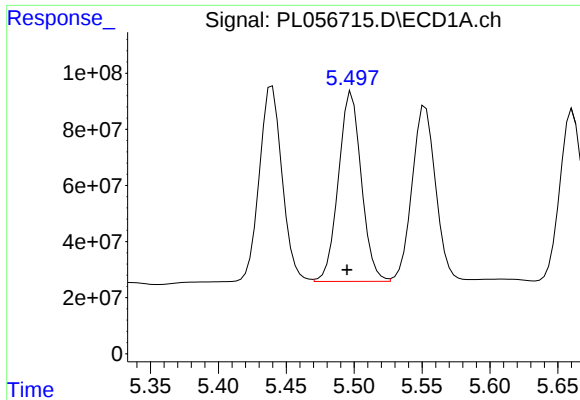
#10 gamma-Chlordane

R.T.: 5.440 min
Delta R.T.: 0.003 min
Response: 813578324
Conc: 56.01 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 161082555
Conc: 56.16 ng/ml



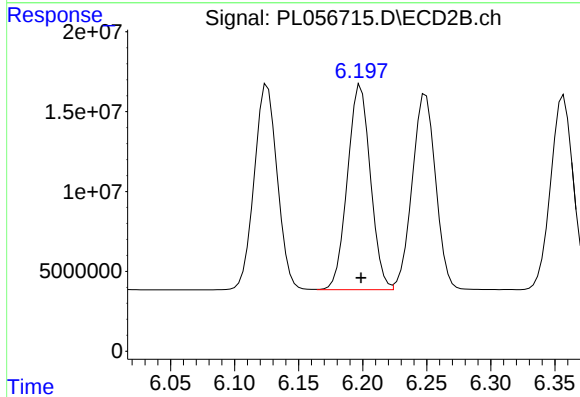
#11 alpha-Chlordane

R.T.: 5.498 min
Delta R.T.: 0.003 min
Response: 794860929
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126947BS

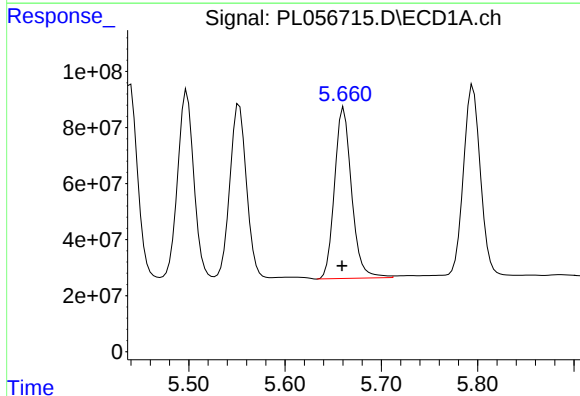
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



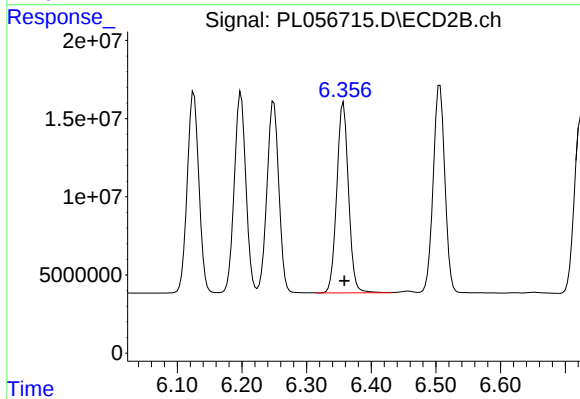
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 160345773
Conc: 56.35 ng/ml



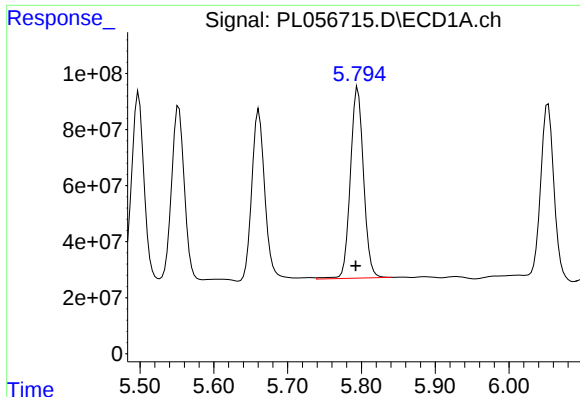
#12 4,4'-DDE

R.T.: 5.661 min
Delta R.T.: 0.002 min
Response: 751833780
Conc: 53.45 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: -0.001 min
Response: 153700990
Conc: 55.81 ng/ml



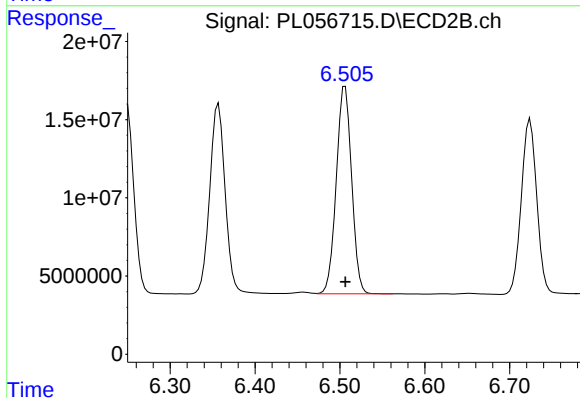
#13 Dieldrin

R.T.: 5.795 min
Delta R.T.: 0.003 min
Response: 844294980
Conc: 56.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126947BS

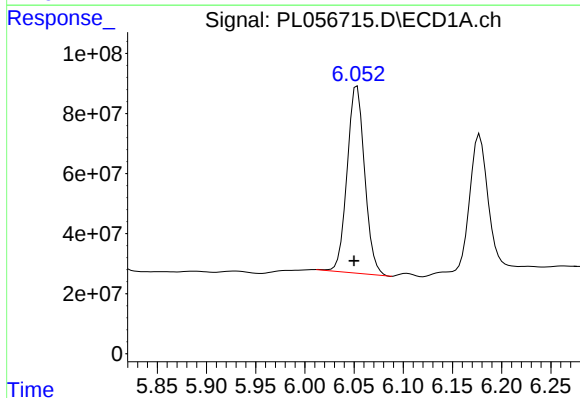
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



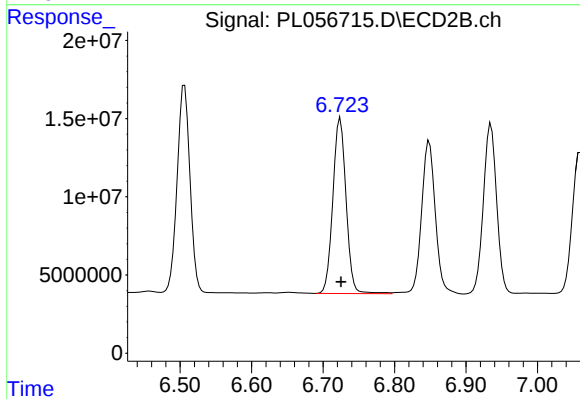
#13 Dieldrin

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 166766160
Conc: 58.34 ng/ml



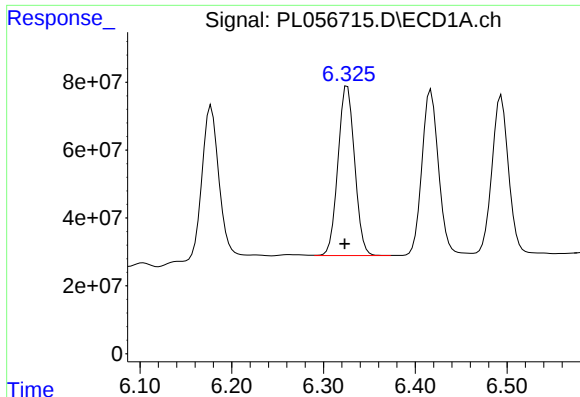
#14 Endrin

R.T.: 6.053 min
Delta R.T.: 0.003 min
Response: 774320989
Conc: 57.37 ng/ml



#14 Endrin

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 144187899
Conc: 58.53 ng/ml



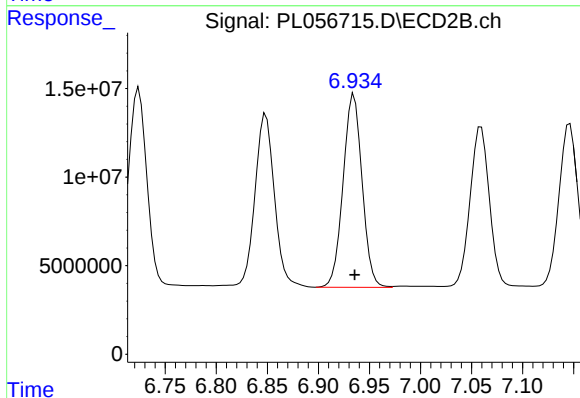
#15 Endosulfan II

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 629315459
Conc: 50.67 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB126947BS

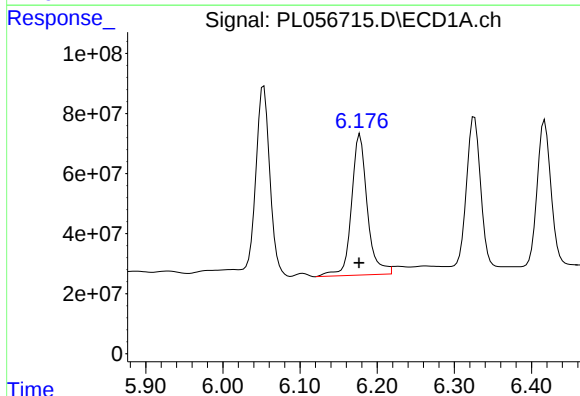
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



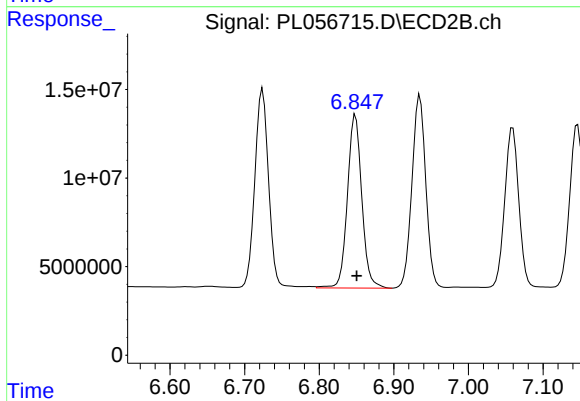
#15 Endosulfan II

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 141218777
Conc: 54.68 ng/ml



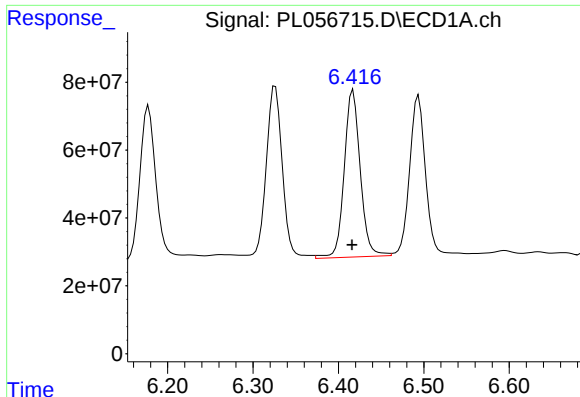
#16 4,4'-DDD

R.T.: 6.178 min
Delta R.T.: 0.001 min
Response: 666867033
Conc: 59.62 ng/ml



#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 130618989
Conc: 56.73 ng/ml



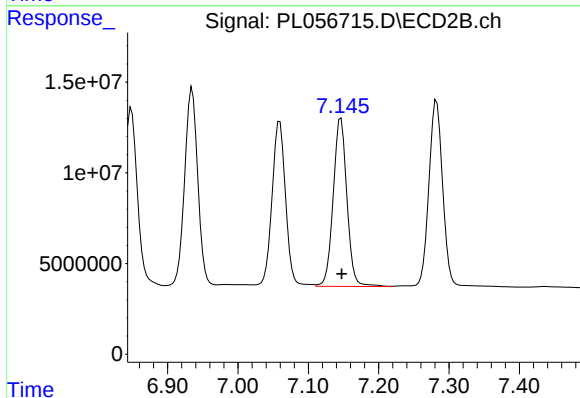
#17 4,4'-DDT

R.T.: 6.417 min
Delta R.T.: 0.001 min
Response: 641583676
Conc: 58.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126947BS

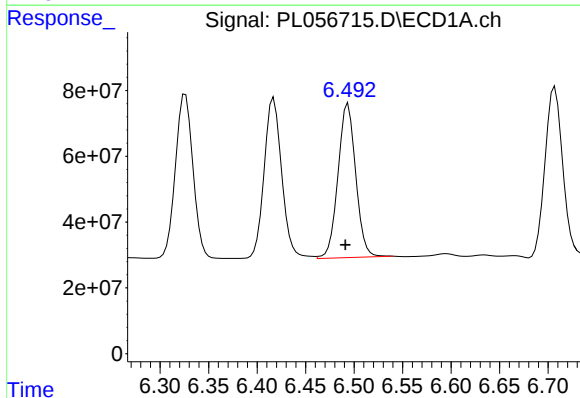
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



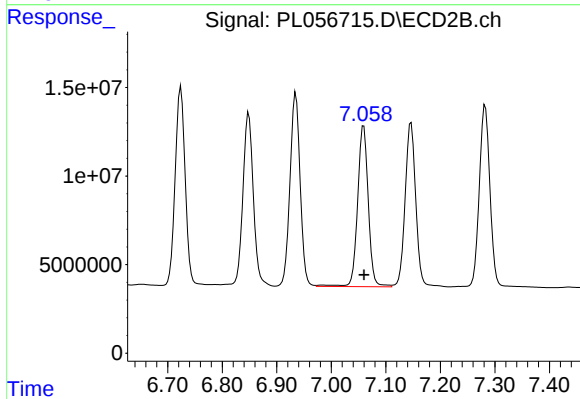
#17 4,4'-DDT

R.T.: 7.146 min
Delta R.T.: -0.001 min
Response: 125618879
Conc: 60.38 ng/ml



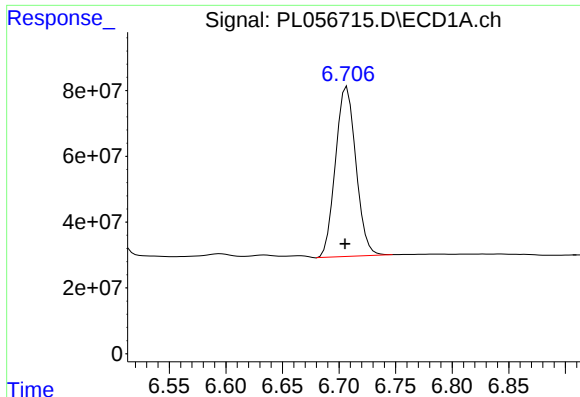
#18 Endrin aldehyde

R.T.: 6.494 min
Delta R.T.: 0.003 min
Response: 594608153
Conc: 54.93 ng/ml



#18 Endrin aldehyde

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 123961453
Conc: 59.09 ng/ml



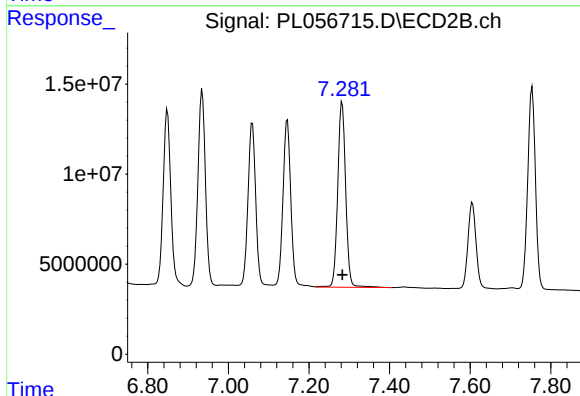
#19 Endosulfan Sulfate

R.T.: 6.707 min
Delta R.T.: 0.002 min
Response: 647803952
Conc: 54.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126947BS

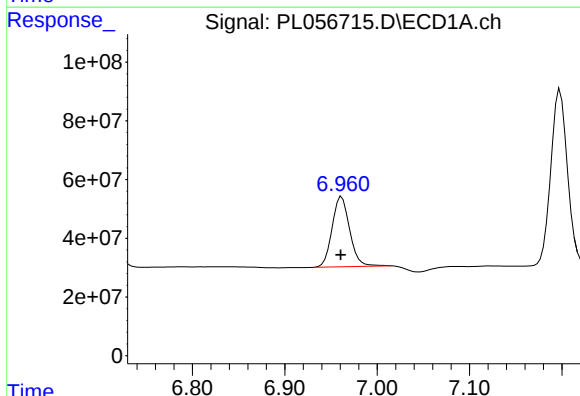
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



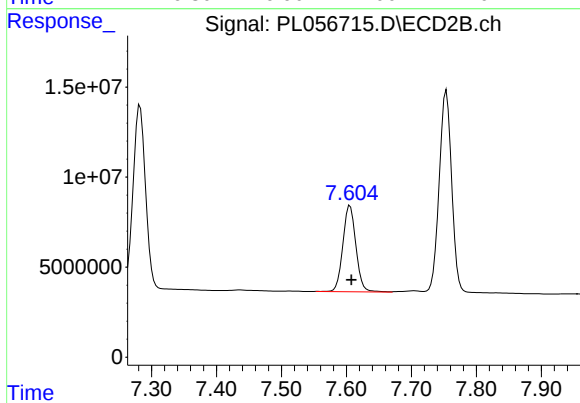
#19 Endosulfan Sulfate

R.T.: 7.282 min
Delta R.T.: -0.001 min
Response: 141329327
Conc: 59.47 ng/ml



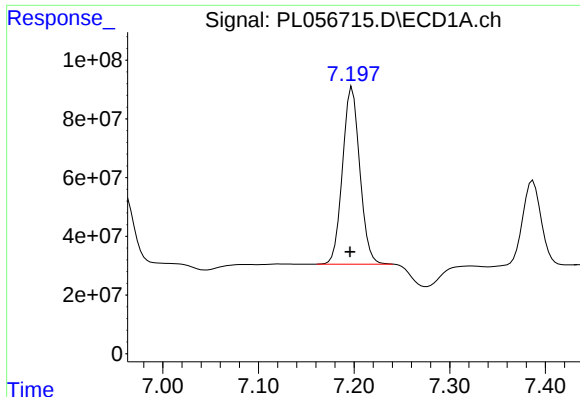
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.001 min
Response: 316402481
Conc: 59.67 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 66855485
Conc: 60.41 ng/ml



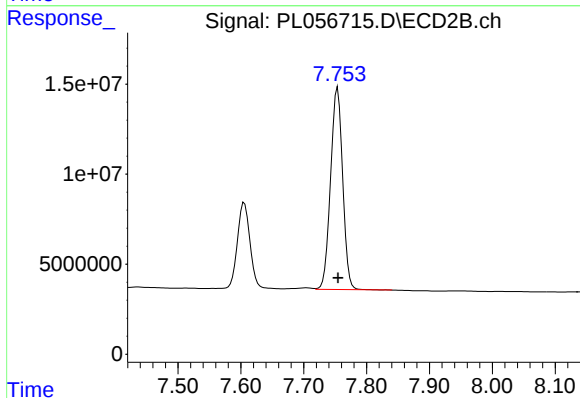
#21 Endrin ketone

R.T.: 7.198 min
Delta R.T.: 0.002 min
Response: 758947650
Conc: 56.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126947BS

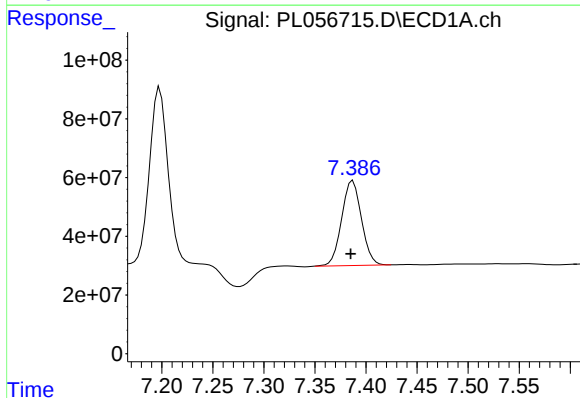
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



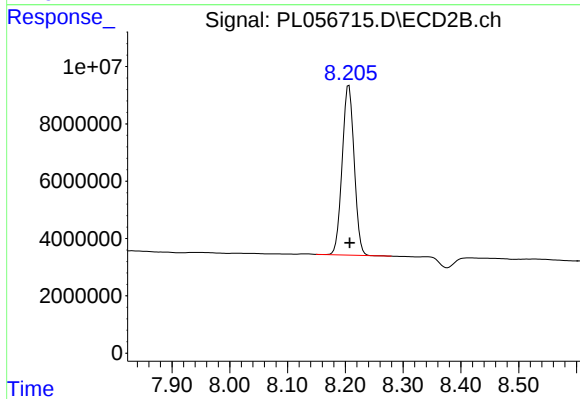
#21 Endrin ketone

R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 149968767
Conc: 59.39 ng/ml



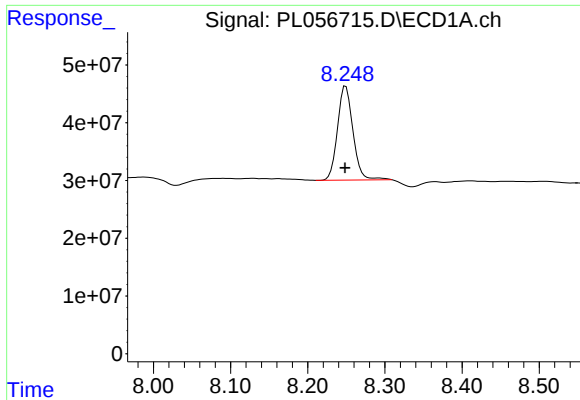
#22 Mirex

R.T.: 7.387 min
Delta R.T.: 0.002 min
Response: 390115657
Conc: 46.49 ng/ml



#22 Mirex

R.T.: 8.206 min
Delta R.T.: -0.001 min
Response: 85144956
Conc: 50.68 ng/ml



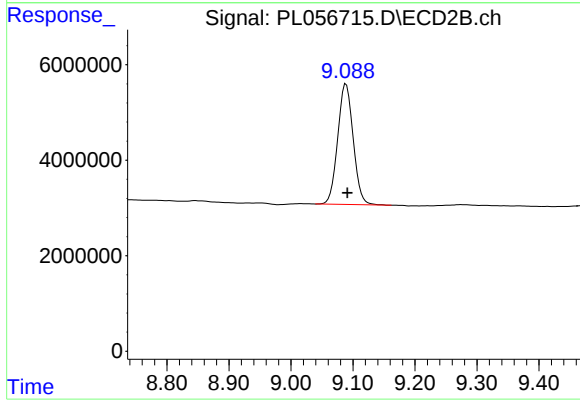
#28 Decachlorobiphenyl

R.T.: 8.249 min
Delta R.T.: 0.001 min
Response: 227035941
Conc: 19.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126947BS

Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:48 PM



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: -0.002 min
Response: 44021412
Conc: 20.95 ng/ml