

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021420\
 Data File : PL056561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2020 15:13
 Operator : AJ\MA
 Sample : L1523-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-2MS

Manual Integrations
 APPROVED

mohammad
 2/17/2020 2:35:54 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 21:54:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021220.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 13 05:32:36 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...	3.496	4.019	226.4E6	70642685	25.658	25.967
28)	SA Decachlor...	8.248	9.089	258.4E6	51498648	26.974	25.247
Target Compounds							
2)	A alpha-BHC	3.934	4.408	896.8E6	238.2E6	58.496	58.503
3)	MA gamma-BHC...	4.218	4.693	844.6E6	220.6E6	59.860	58.044
4)	MA Heptachlor	4.519	5.198	842.3E6	190.3E6	57.868	56.615m
5)	MB Aldrin	4.768	5.504	832.9E6	185.9E6	58.446	57.317
6)	B beta-BHC	4.468	4.865	322.3E6	87457916	56.487	60.412
7)	B delta-BHC	4.673	5.082	811.2E6	170.1E6	57.951	57.722
8)	B Heptachlo...	5.210	5.891	781.9E6	162.5E6	58.419	58.075
9)	A Endosulfan I	5.550	6.249	726.5E6	156.1E6	57.902	56.155
10)	B gamma-Chl...	5.437	6.126	791.9E6	165.9E6	57.569	56.706
11)	B alpha-Chl...	5.495	6.198	780.4E6	166.4E6	57.295	56.656
12)	B 4,4'-DDE	5.658	6.357	940.8E6	199.9E6	73.990	71.339
13)	MA Dieldrin	5.792	6.505	886.2E6	183.7E6	66.436	63.124m
14)	MA Endrin	6.049	6.725	771.5E6	146.1E6	65.865m	59.977
15)	B Endosulfa...	6.323	6.935	647.1E6	142.1E6	61.479	55.782
16)	A 4,4'-DDD	6.173	6.849	632.8E6	138.8E6	66.868m	61.375
17)	MA 4,4'-DDT	6.414	7.147	700.2E6	143.0E6	73.883	67.698
18)	B Endrin al...	6.490	7.059	577.8E6	119.7E6	60.213	56.248
19)	B Endosulfa...	6.702	7.283	616.6E6	128.8E6	57.926m	54.350
20)	A Methoxychlor	6.958	7.607	307.2E6	64873449	62.427	56.480
21)	B Endrin ke...	7.195	7.754	692.2E6	141.2E6	57.890	56.191
22)	Mirex	7.385	8.206	450.2E6	94450822	60.669	58.484m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021420\
Data File : PL056561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Feb 2020 15:13
Operator : AJ\MA
Sample : L1523-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

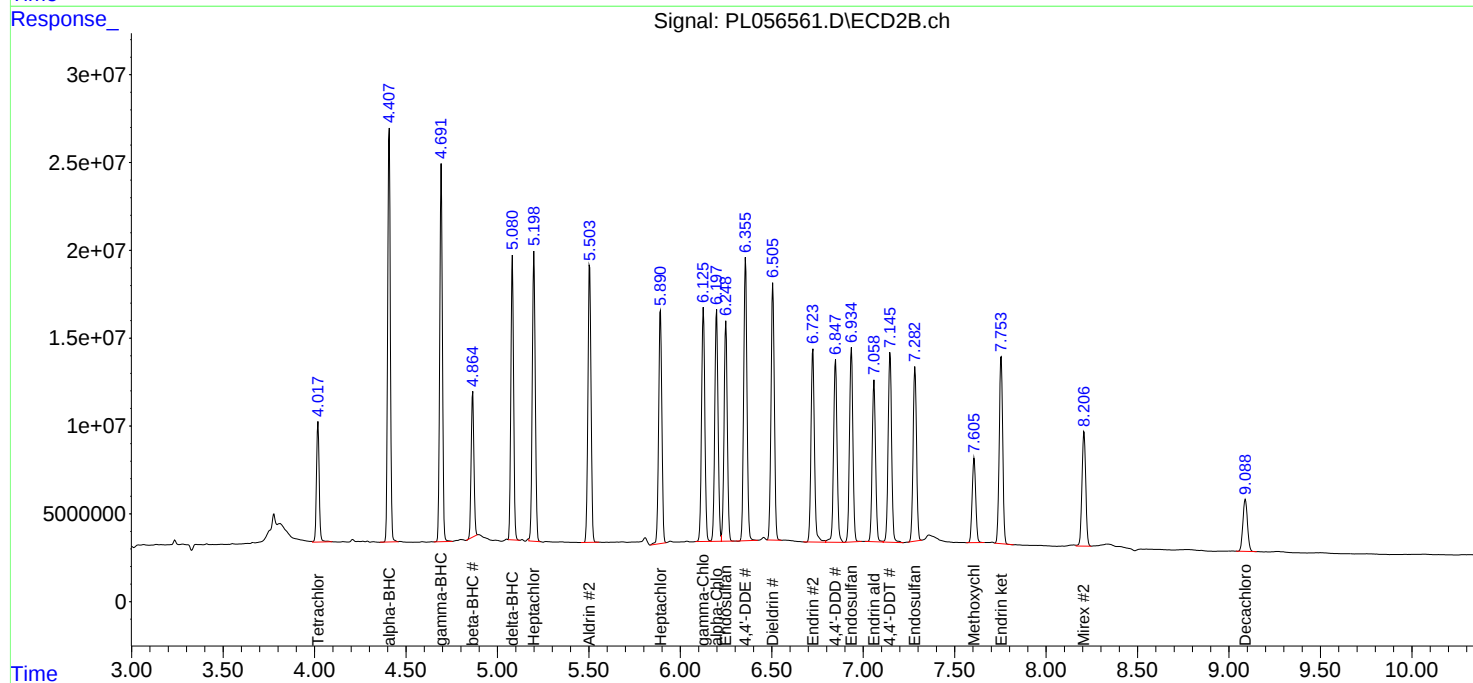
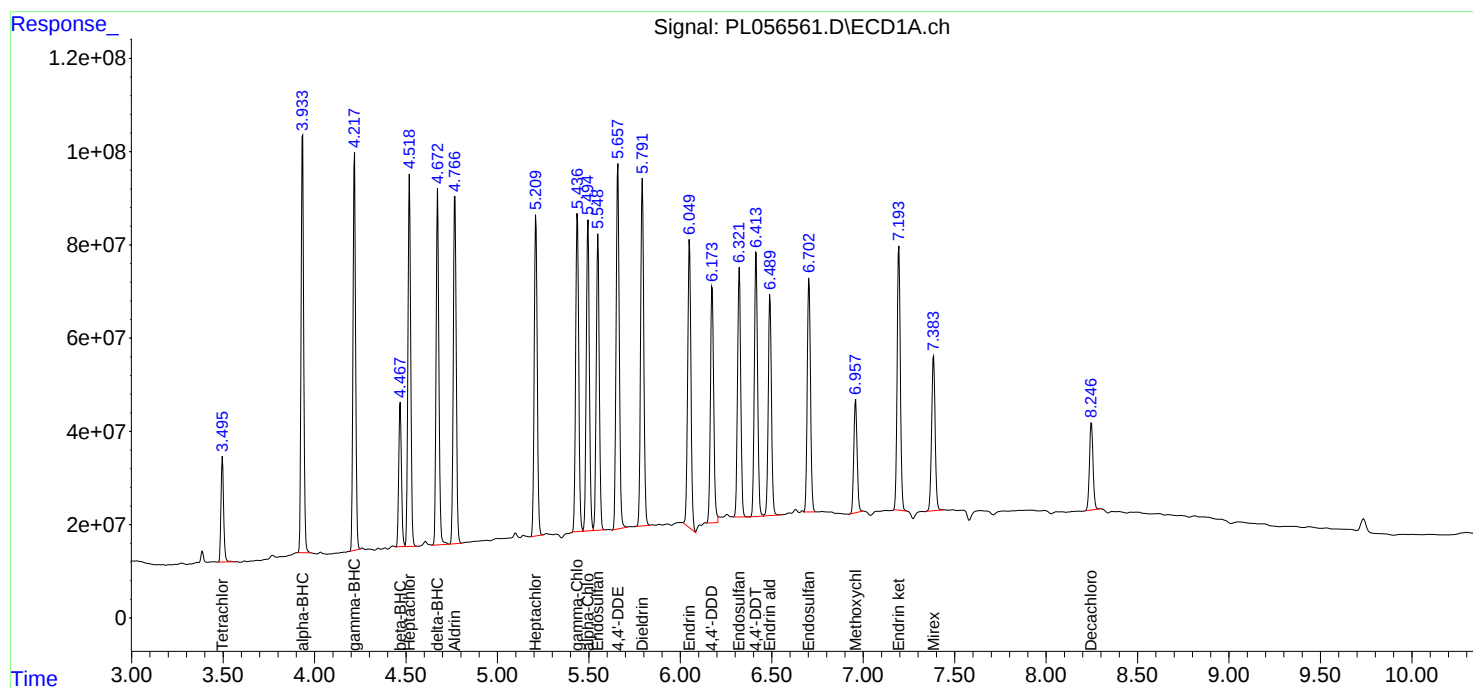
Instrument :
ECD_L
ClientSampleId :
COMP-2MS

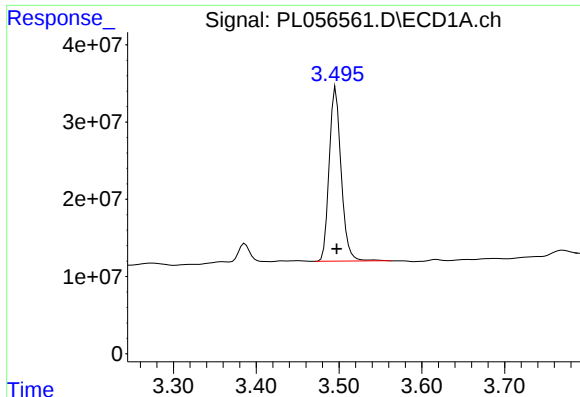
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 21:54:22 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021220.M
Quant Title : GC Extractables
QLast Update : Thu Feb 13 05:32:36 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





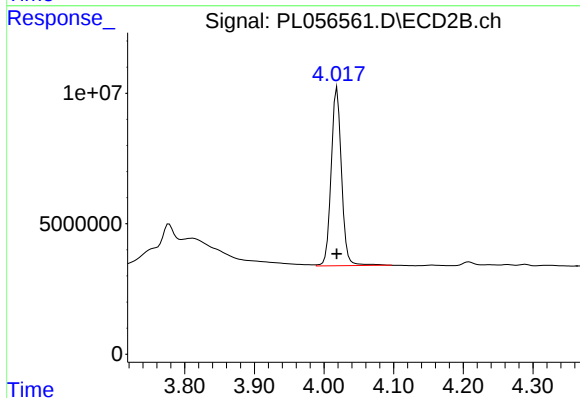
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 226393194
Conc: 25.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

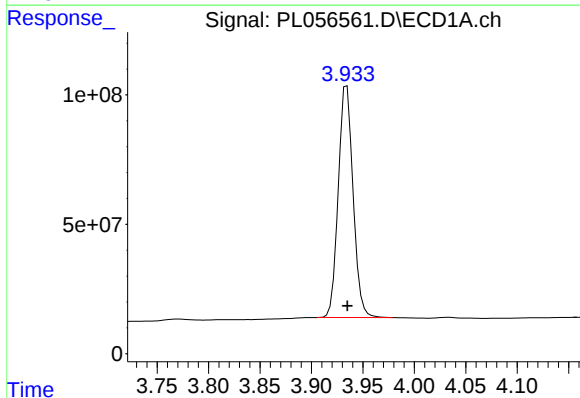
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



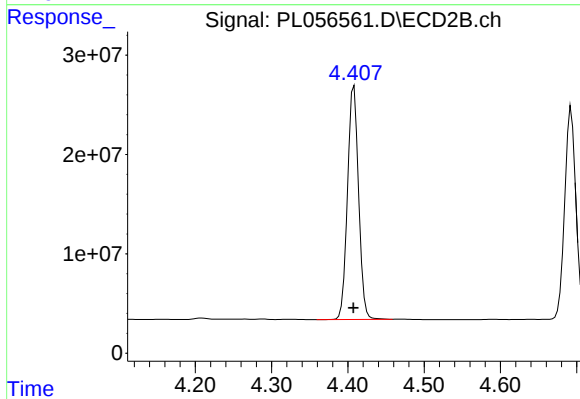
#1 Tetrachloro-m-xylene

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 70642685
Conc: 25.97 ng/ml



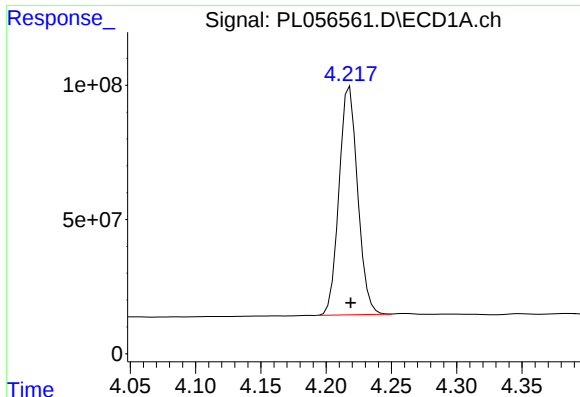
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 896829546
Conc: 58.50 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 238219892
Conc: 58.50 ng/ml



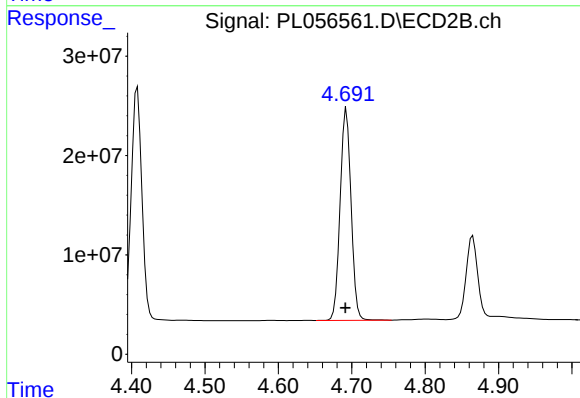
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 844567583
Conc: 59.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

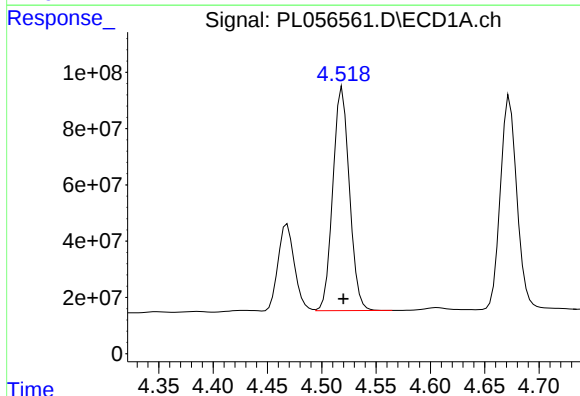
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



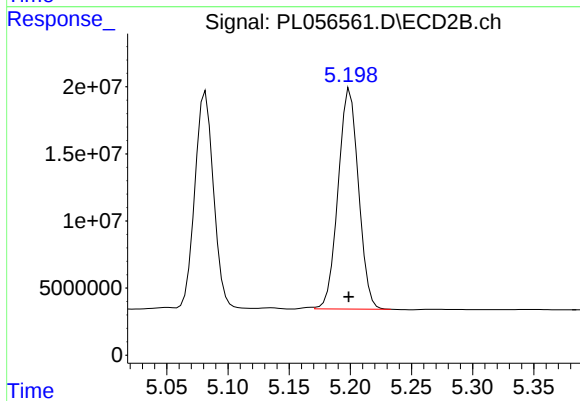
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.001 min
Response: 220597525
Conc: 58.04 ng/ml



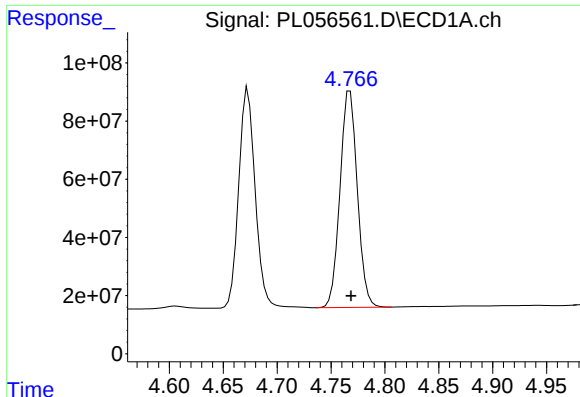
#4 Heptachlor

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 842291421
Conc: 57.87 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 190335386
Conc: 56.61 ng/ml m



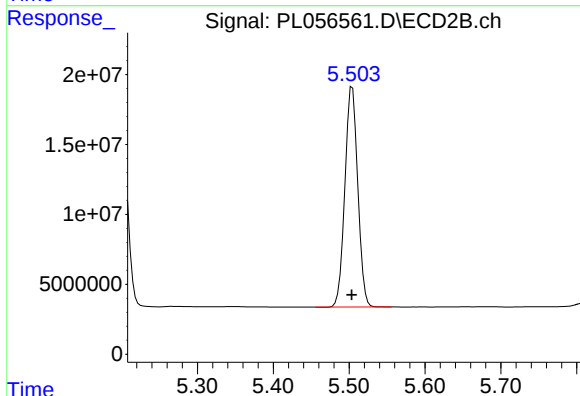
#5 Aldrin

R.T.: 4.768 min
Delta R.T.: -0.001 min
Response: 832916314
Conc: 58.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

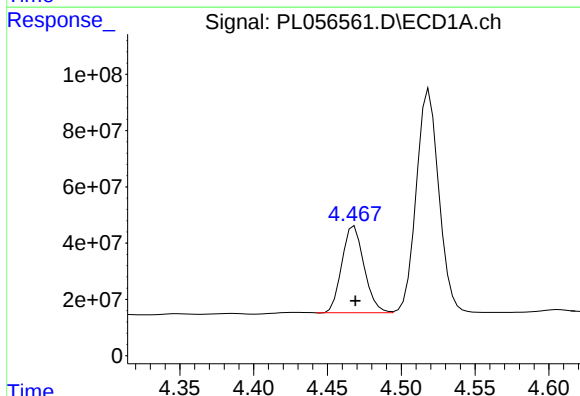
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



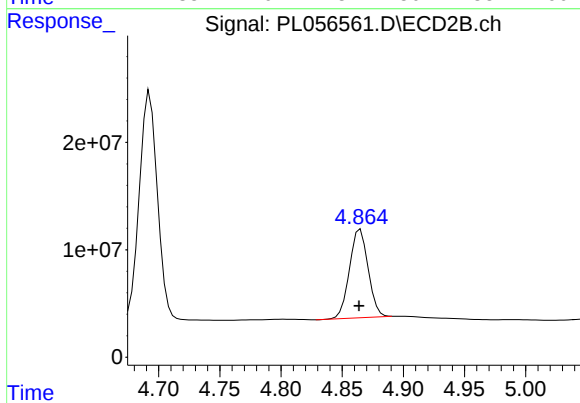
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 185878248
Conc: 57.32 ng/ml



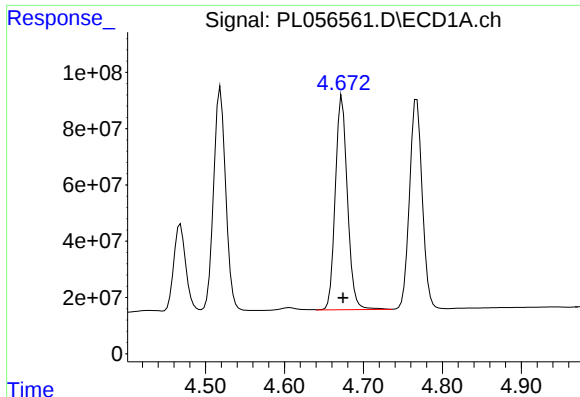
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 322309892
Conc: 56.49 ng/ml



#6 beta-BHC

R.T.: 4.865 min
Delta R.T.: 0.001 min
Response: 87457916
Conc: 60.41 ng/ml



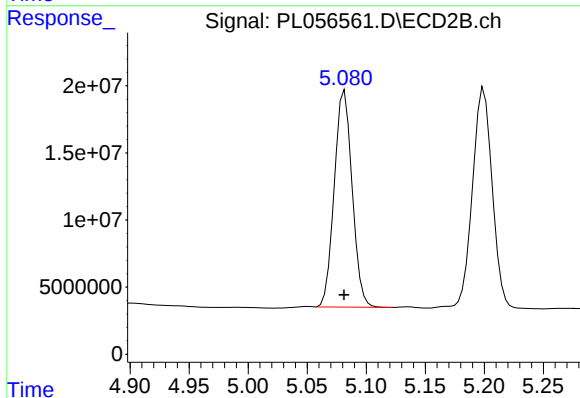
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 811183213
Conc: 57.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

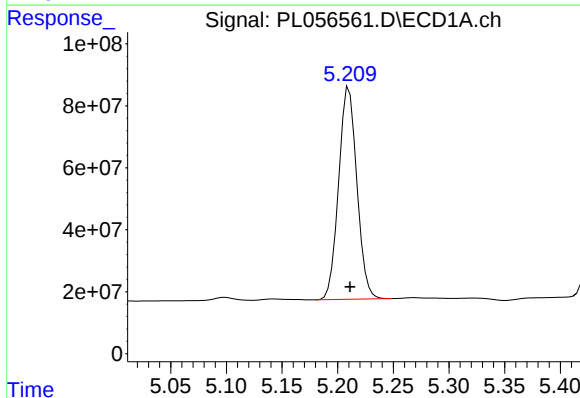
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



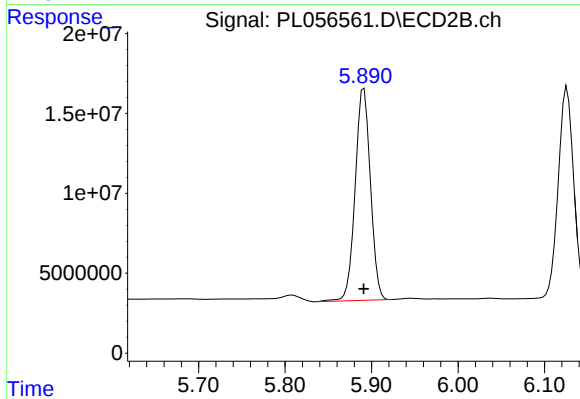
#7 delta-BHC

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 170058981
Conc: 57.72 ng/ml



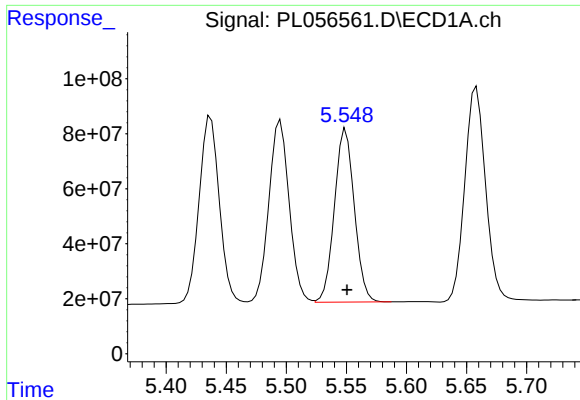
#8 Heptachlor epoxide

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 781942790
Conc: 58.42 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 162463698
Conc: 58.07 ng/ml



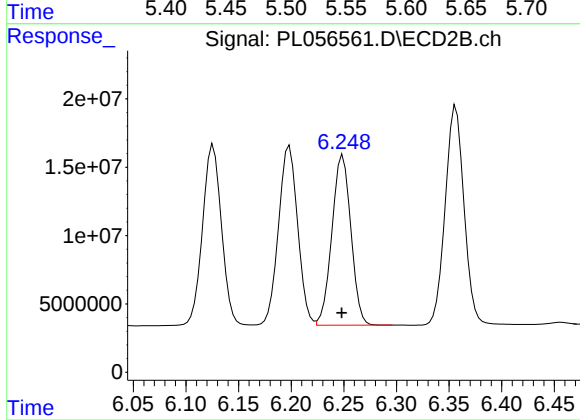
#9 Endosulfan I

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 726516164
Conc: 57.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

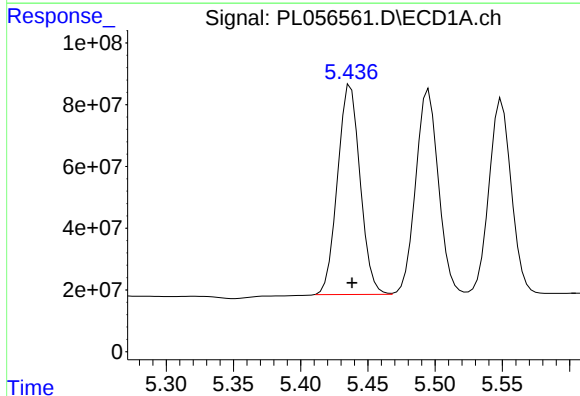
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



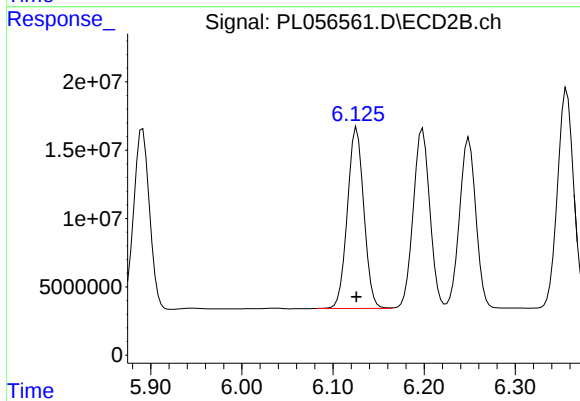
#9 Endosulfan I

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 156132883
Conc: 56.15 ng/ml



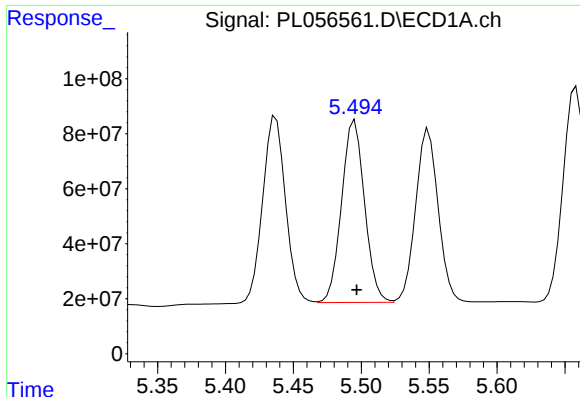
#10 gamma-Chlordane

R.T.: 5.437 min
Delta R.T.: -0.001 min
Response: 791870201
Conc: 57.57 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 165860703
Conc: 56.71 ng/ml



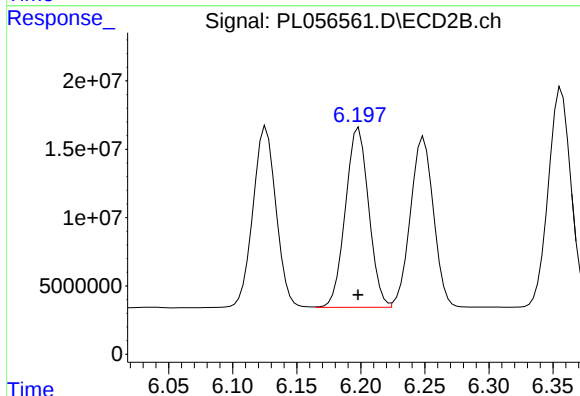
#11 alpha-Chlordane

R.T.: 5.495 min
Delta R.T.: -0.002 min
Response: 780379577
Conc: 57.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

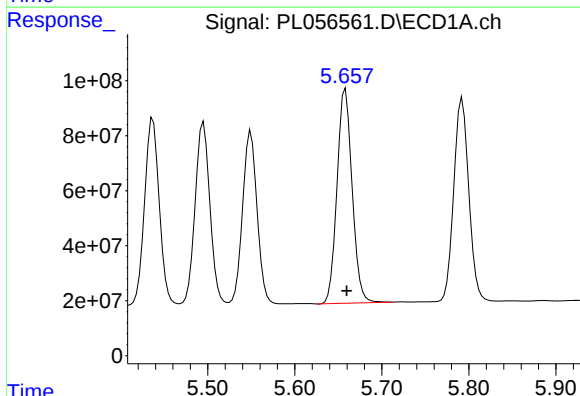
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



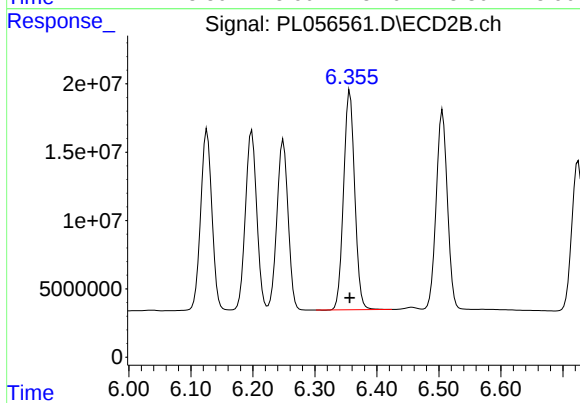
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 166415446
Conc: 56.66 ng/ml



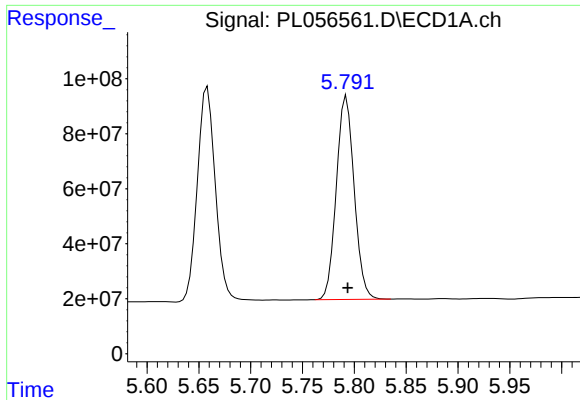
#12 4,4'-DDE

R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 940804438
Conc: 73.99 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 199898854
Conc: 71.34 ng/ml



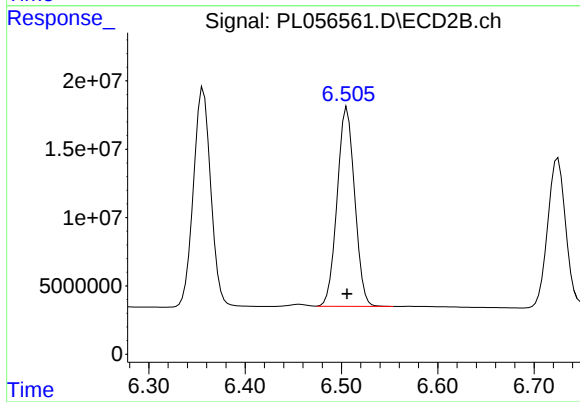
#13 Dieldrin

R.T.: 5.792 min
Delta R.T.: -0.001 min
Response: 886231263
Conc: 66.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

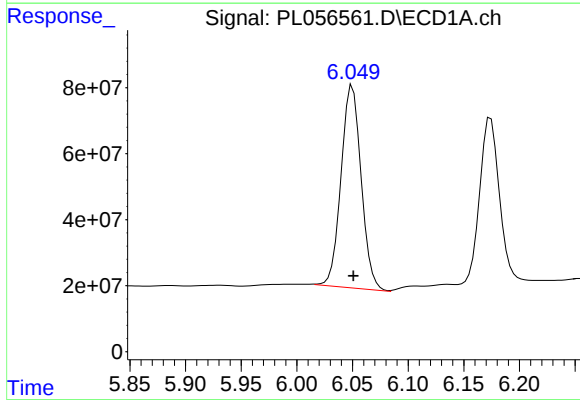
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



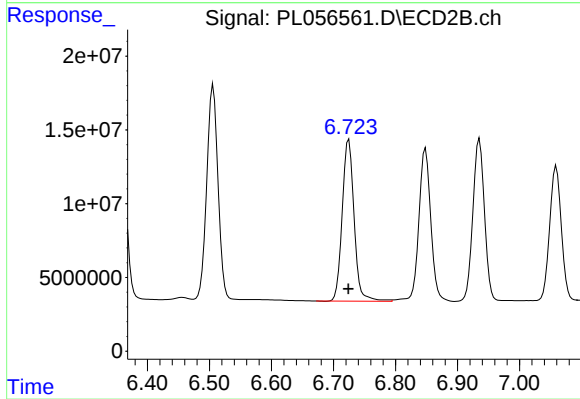
#13 Dieldrin

R.T.: 6.505 min
Delta R.T.: -0.001 min
Response: 183713604
Conc: 63.12 ng/ml m



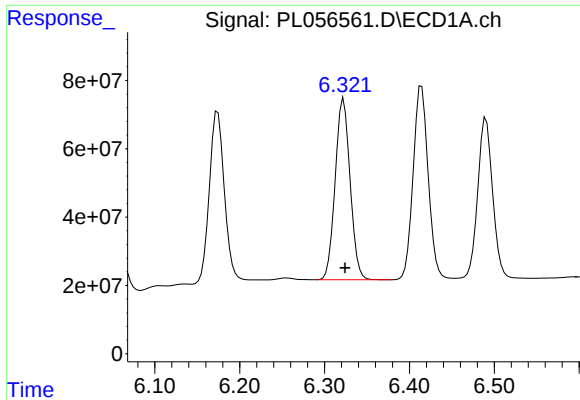
#14 Endrin

R.T.: 6.049 min
Delta R.T.: -0.002 min
Response: 771454786
Conc: 65.86 ng/ml m



#14 Endrin

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 146096127
Conc: 59.98 ng/ml



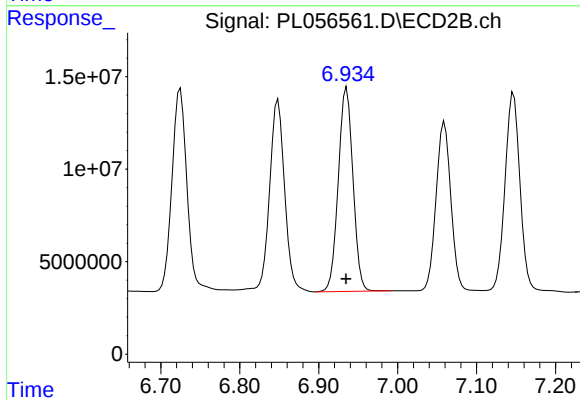
#15 Endosulfan II

R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 647101616
Conc: 61.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

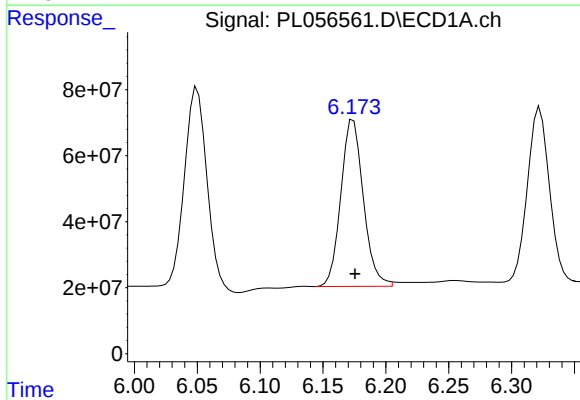
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



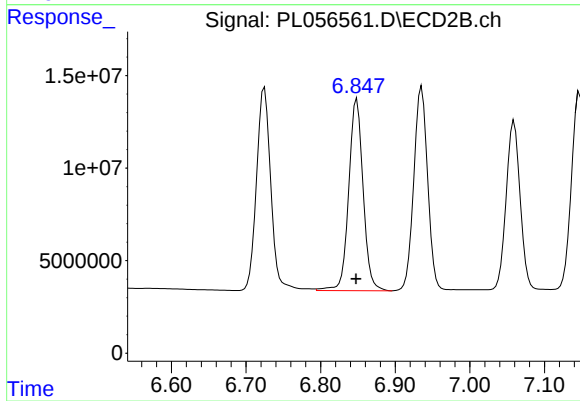
#15 Endosulfan II

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 142055760
Conc: 55.78 ng/ml



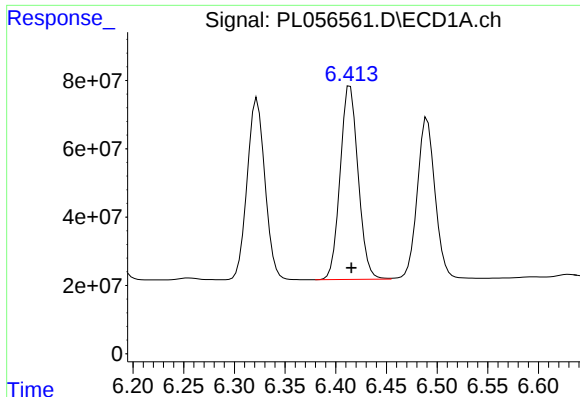
#16 4,4'-DDD

R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 632808963
Conc: 66.87 ng/ml m



#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: 0.001 min
Response: 138811201
Conc: 61.37 ng/ml



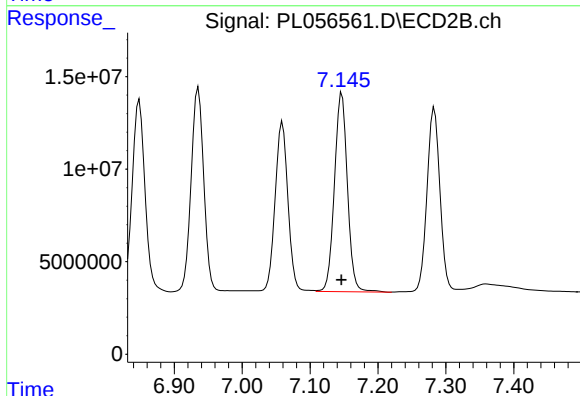
#17 4,4'-DDT

R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 700202674
Conc: 73.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

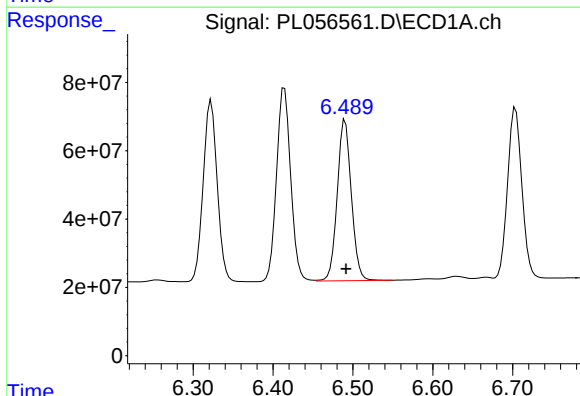
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



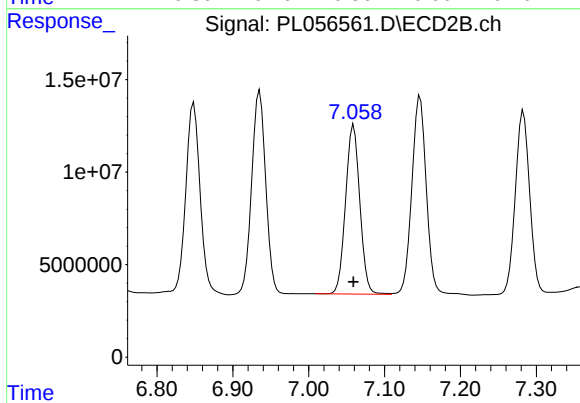
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 143005898
Conc: 67.70 ng/ml



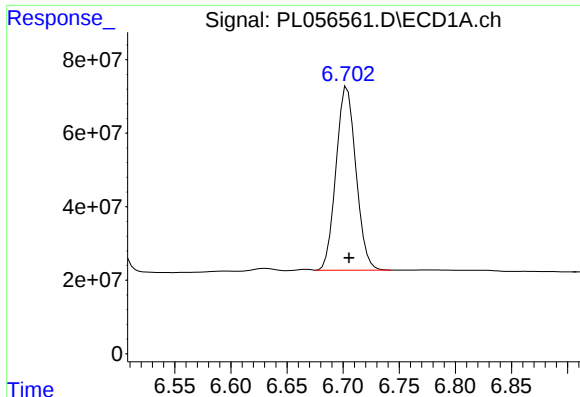
#18 Endrin aldehyde

R.T.: 6.490 min
Delta R.T.: -0.001 min
Response: 577830733
Conc: 60.21 ng/ml



#18 Endrin aldehyde

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 119715468
Conc: 56.25 ng/ml



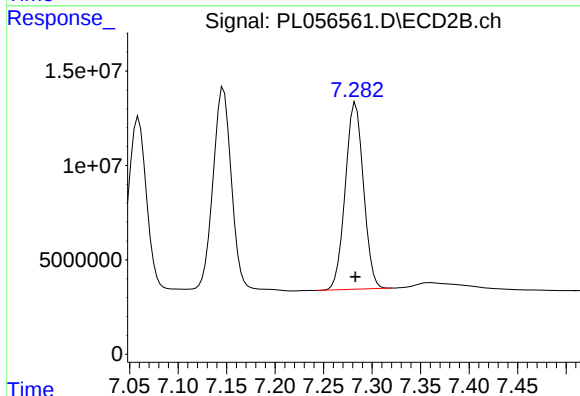
#19 Endosulfan Sulfate

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 616646247
Conc: 57.93 ng/ml m

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

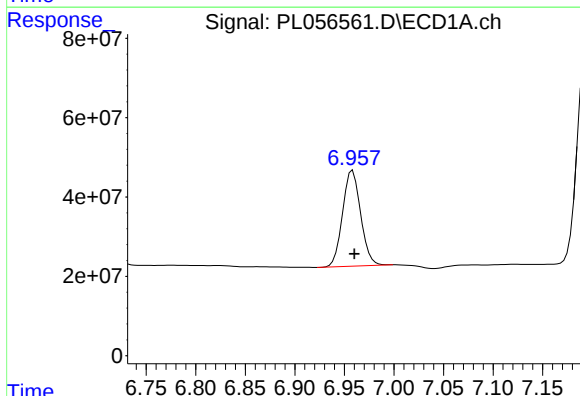
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



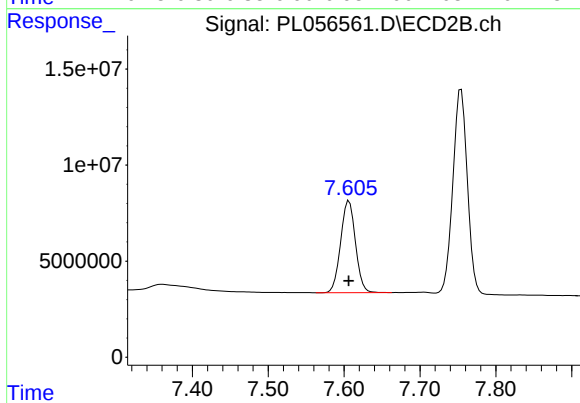
#19 Endosulfan Sulfate

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 128801165
Conc: 54.35 ng/ml



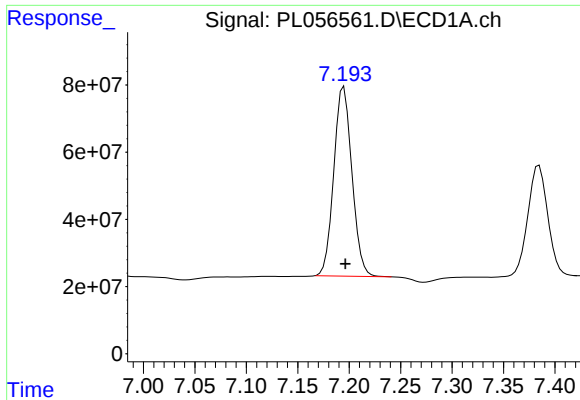
#20 Methoxychlor

R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 307185820
Conc: 62.43 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 64873449
Conc: 56.48 ng/ml



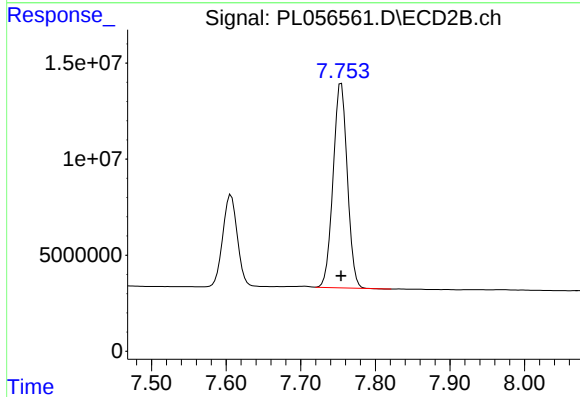
#21 Endrin ketone

R.T.: 7.195 min
Delta R.T.: -0.002 min
Response: 692230868
Conc: 57.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

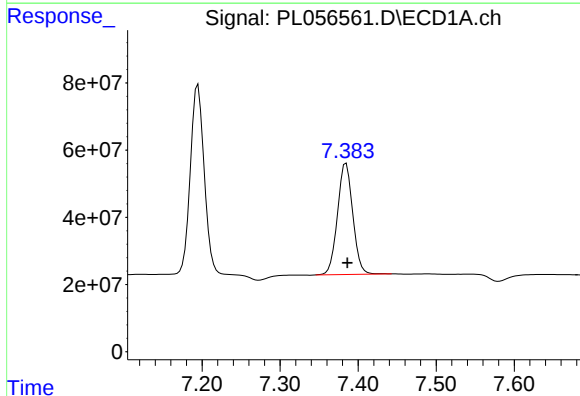
Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



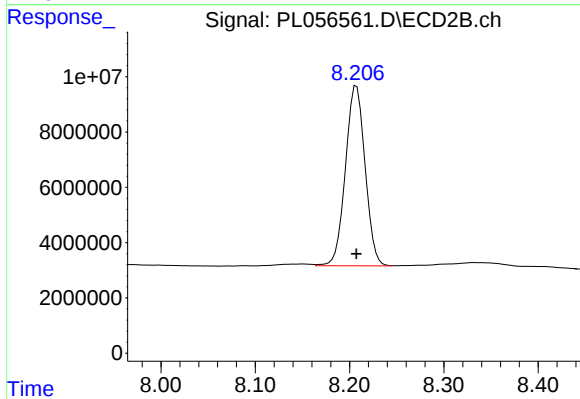
#21 Endrin ketone

R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 141192432
Conc: 56.19 ng/ml



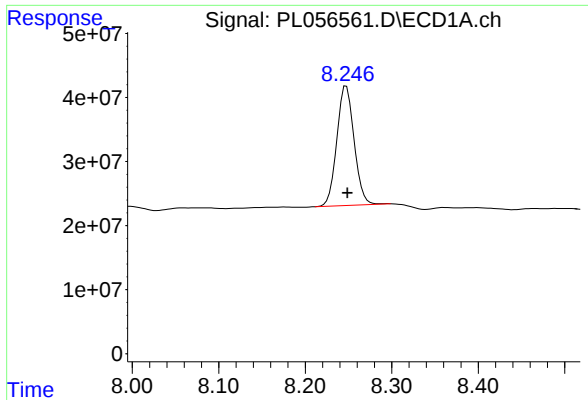
#22 Mirex

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 450214660
Conc: 60.67 ng/ml



#22 Mirex

R.T.: 8.206 min
Delta R.T.: -0.001 min
Response: 94450822
Conc: 58.48 ng/ml m



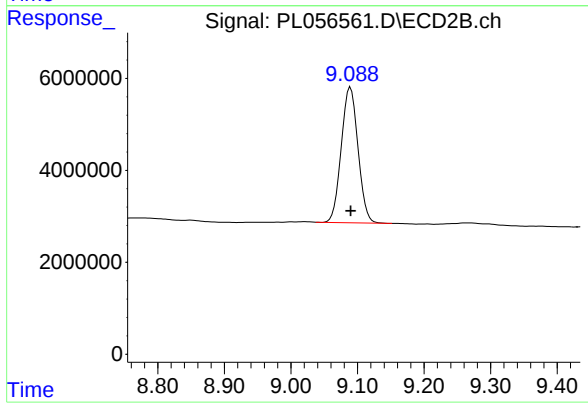
#28 Decachlorobiphenyl

R.T.: 8.248 min
Delta R.T.: -0.001 min
Response: 258392404
Conc: 26.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

Manual Integrations
APPROVED

mohammad
2/17/2020 2:35:54 PM



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 51498648
Conc: 25.25 ng/ml