

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022020\
 Data File : PL056721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2020 20:55
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

mohammad
 2/25/2020 2:44:53 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:34:03 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...	3.497	4.019	439.8E6	124.2E6	50.863	49.846
28)	SA Decachlor...	8.250	9.090	540.3E6	101.1E6	45.422	48.118
Target Compounds							
2)	A alpha-BHC	3.936	4.408	771.5E6	192.8E6	48.876	51.247
3)	MA gamma-BHC...	4.220	4.692	731.8E6	177.8E6	49.052	51.631
4)	MA Heptachlor	4.520	5.199	723.4E6	148.7E6	49.061	50.835
5)	MB Aldrin	4.769	5.504	729.5E6	153.5E6	48.864	49.042
6)	B beta-BHC	4.470	4.865	289.3E6	70349258	49.912	53.809
7)	B delta-BHC	4.675	5.082	723.6E6	157.6E6	50.203	51.755
8)	B Heptachlo...	5.212	5.891	684.8E6	153.3E6	48.405	52.433
9)	A Endosulfan I	5.550	6.248	627.9E6	132.3E6	46.974m	48.980
10)	B gamma-Chl...	5.439	6.125	724.1E6	141.4E6	49.849	49.284
11)	B alpha-Chl...	5.496	6.198	657.4E6	139.8E6	45.527m	49.136
12)	B 4,4'-DDE	5.662	6.357	695.7E6	132.1E6	49.458	47.959
13)	MA Dieldrin	5.793	6.505	685.1E6	140.4E6	45.967m	49.122
14)	MA Endrin	6.053	6.722	651.0E6	121.6E6	48.236	49.367m
15)	B Endosulfa...	6.326	6.935	648.4E6	126.4E6	52.213	48.961
16)	A 4,4'-DDD	6.177	6.847	582.0E6	108.1E6	52.037	46.932m
17)	MA 4,4'-DDT	6.418	7.146	550.0E6	102.7E6	50.501	49.381
18)	B Endrin al...	6.493	7.059	511.3E6	101.1E6	47.232	48.206
19)	B Endosulfa...	6.706	7.282	575.9E6	115.6E6	48.573	48.631
20)	A Methoxychlor	6.962	7.606	270.5E6	56153732	51.015	50.739
21)	B Endrin ke...	7.198	7.754	637.8E6	123.0E6	47.844	48.703
22)	Mirex	7.387	8.207	412.7E6	81354328	49.185	48.426

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022020\
Data File : PL056721.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2020 20:55
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

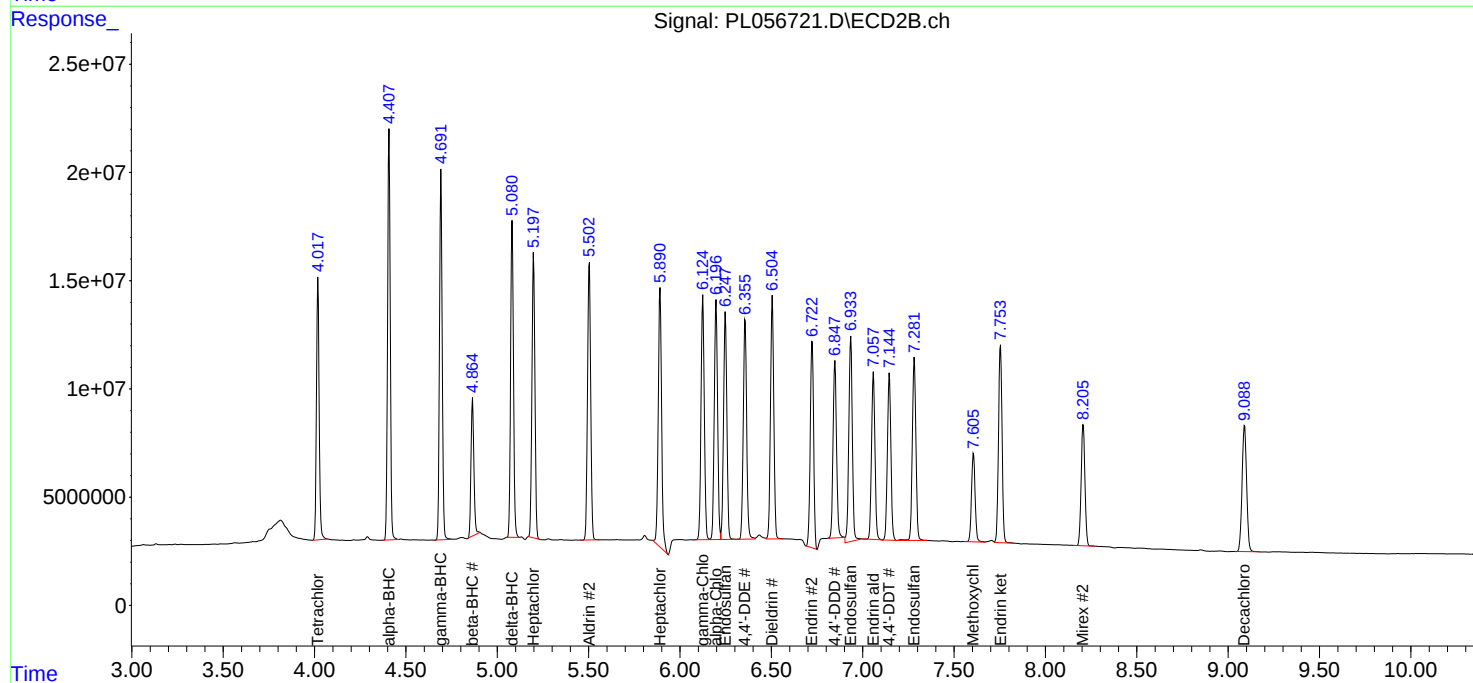
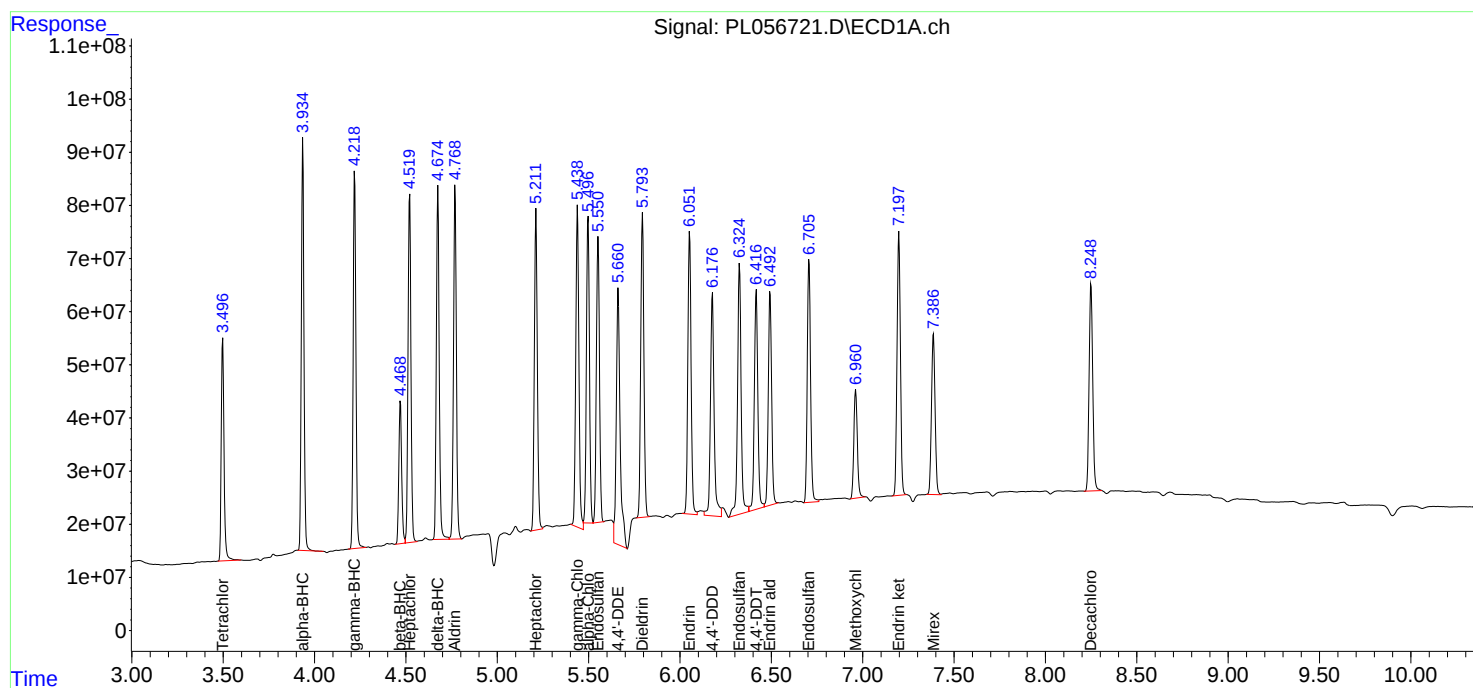
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

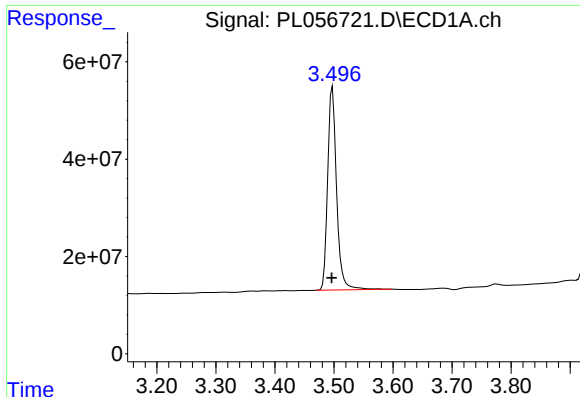
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 00:34:03 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





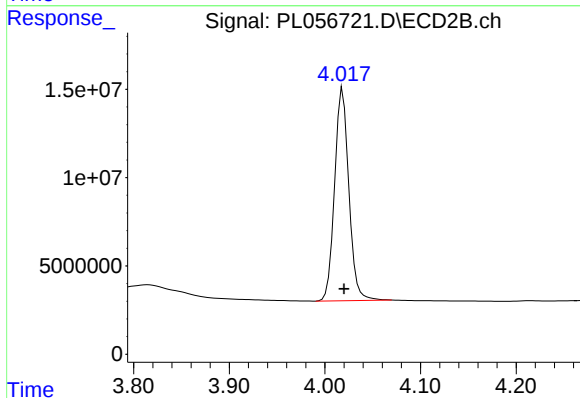
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.001 min
Response: 439843100
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

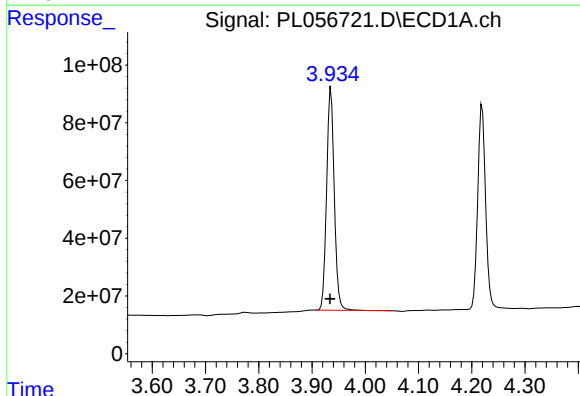
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



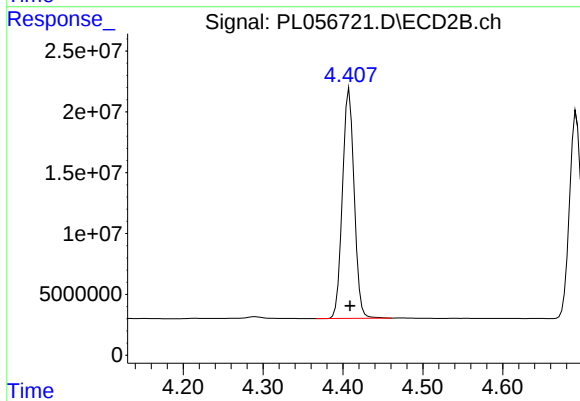
#1 Tetrachloro-m-xylene

R.T.: 4.019 min
Delta R.T.: -0.001 min
Response: 124165953
Conc: 49.85 ng/ml



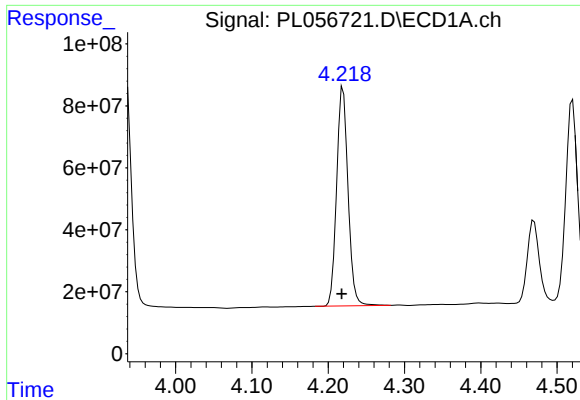
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.002 min
Response: 771464082
Conc: 48.88 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 192789267
Conc: 51.25 ng/ml



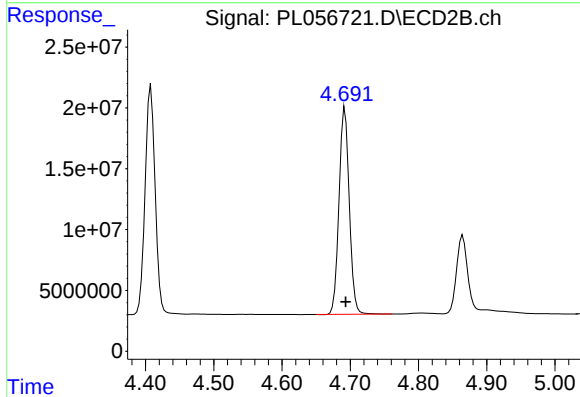
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 731759759
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

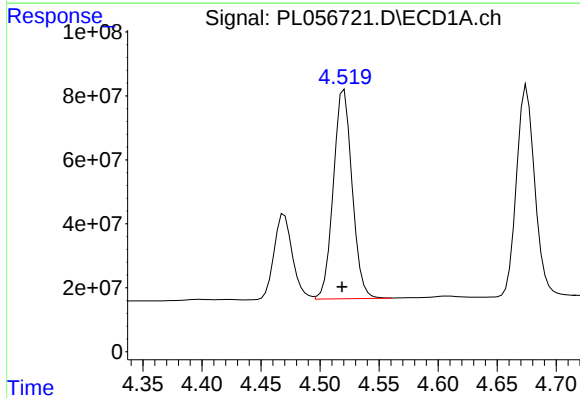
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



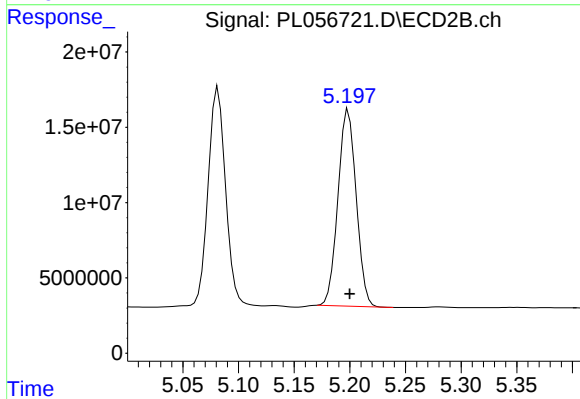
#3 gamma-BHC (Lindane)

R.T.: 4.692 min
Delta R.T.: -0.001 min
Response: 177796620
Conc: 51.63 ng/ml



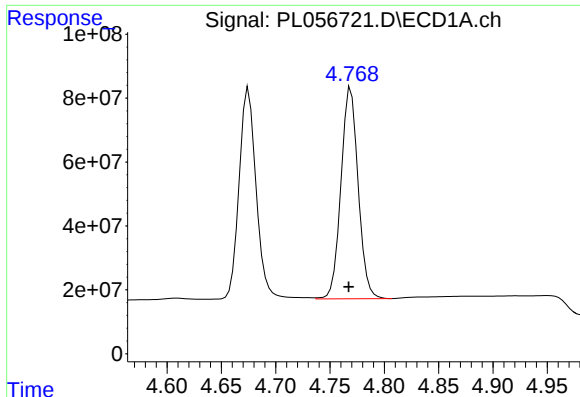
#4 Heptachlor

R.T.: 4.520 min
Delta R.T.: 0.002 min
Response: 723425749
Conc: 49.06 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 148717343
Conc: 50.83 ng/ml



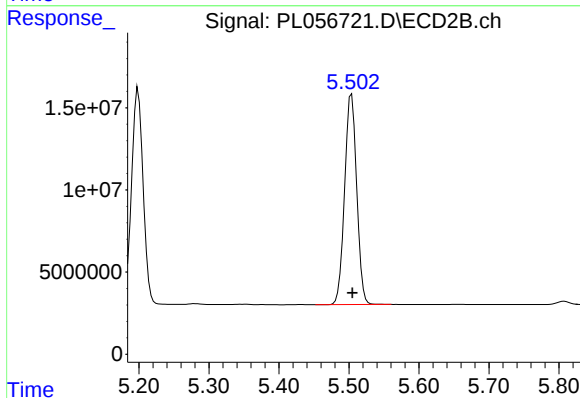
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: 0.002 min
Response: 729505805
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

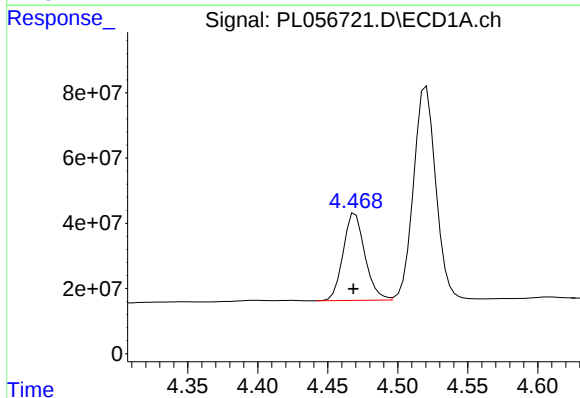
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



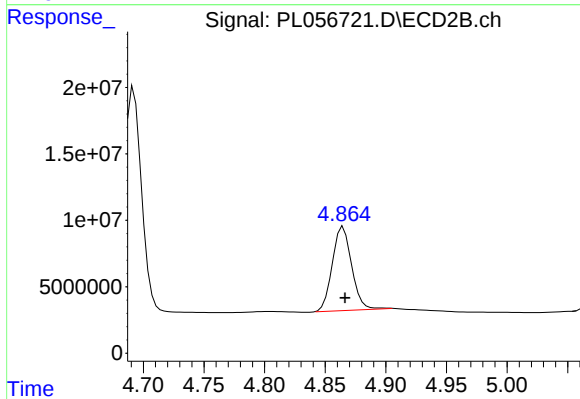
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 153489435
Conc: 49.04 ng/ml



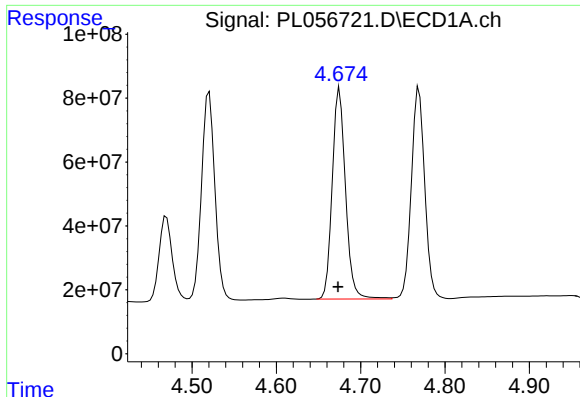
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.001 min
Response: 289254075
Conc: 49.91 ng/ml



#6 beta-BHC

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 70349258
Conc: 53.81 ng/ml



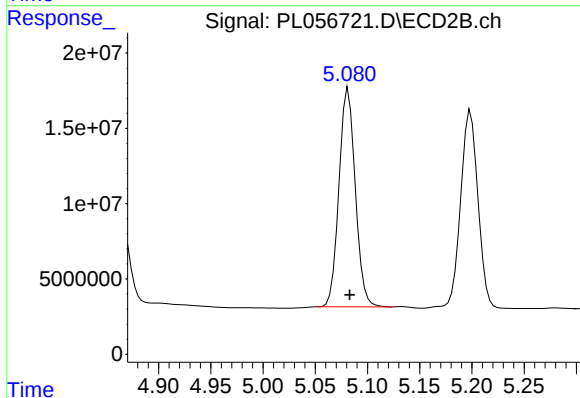
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 723587072
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

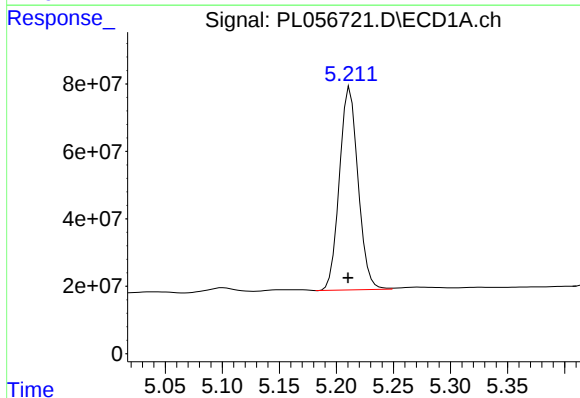
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



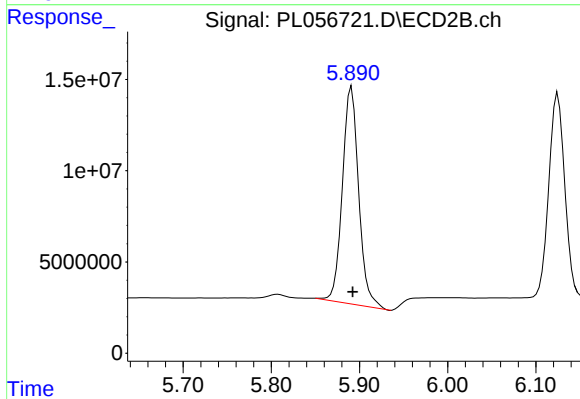
#7 delta-BHC

R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 157569723
Conc: 51.75 ng/ml



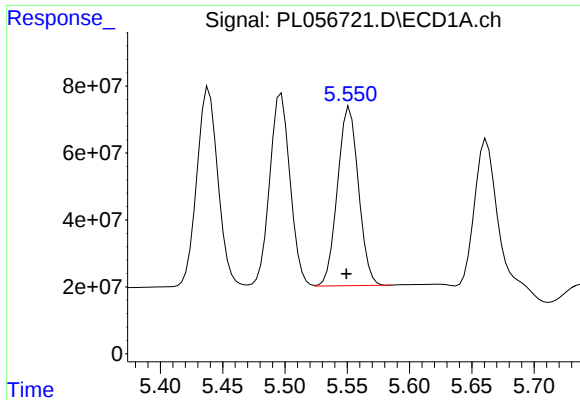
#8 Heptachlor epoxide

R.T.: 5.212 min
Delta R.T.: 0.002 min
Response: 684785604
Conc: 48.41 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min
Delta R.T.: -0.001 min
Response: 153302745
Conc: 52.43 ng/ml



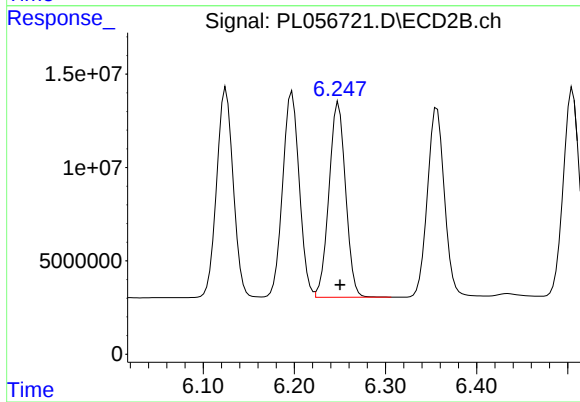
#9 Endosulfan I

R.T.: 5.550 min
Delta R.T.: 0.001 min
Response: 627949509
Conc: 46.97 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

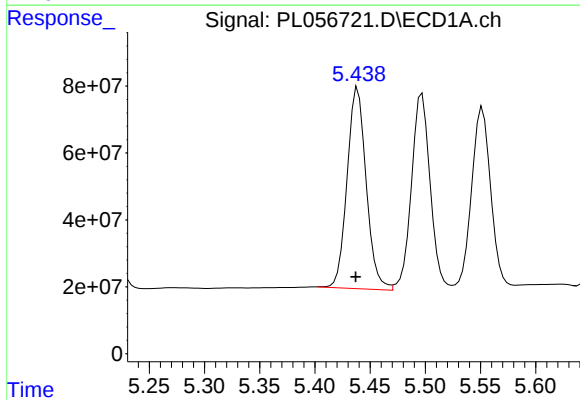
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



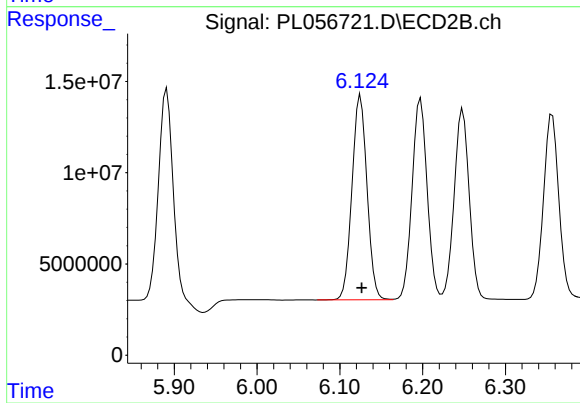
#9 Endosulfan I

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 132323225
Conc: 48.98 ng/ml



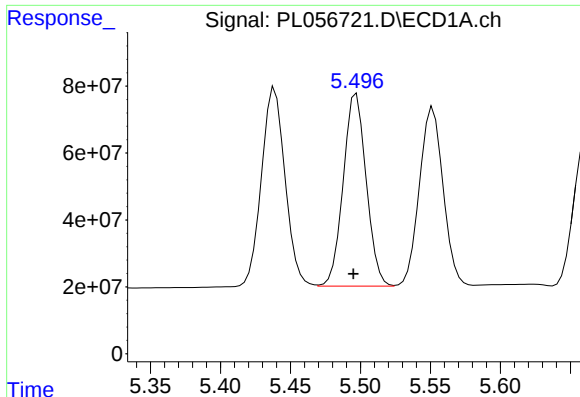
#10 gamma-Chlordane

R.T.: 5.439 min
Delta R.T.: 0.002 min
Response: 724091108
Conc: 49.85 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: -0.002 min
Response: 141353245
Conc: 49.28 ng/ml



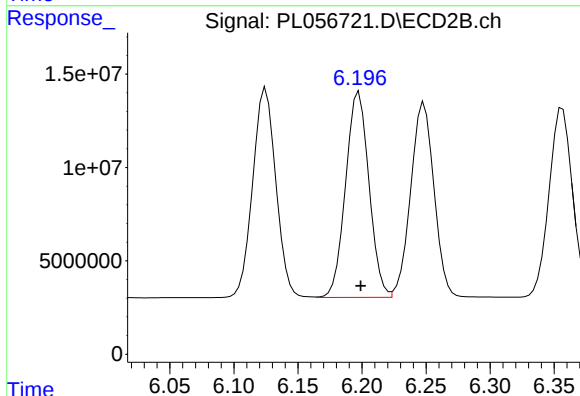
#11 alpha-Chlordane

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 657411025
Conc: 45.53 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

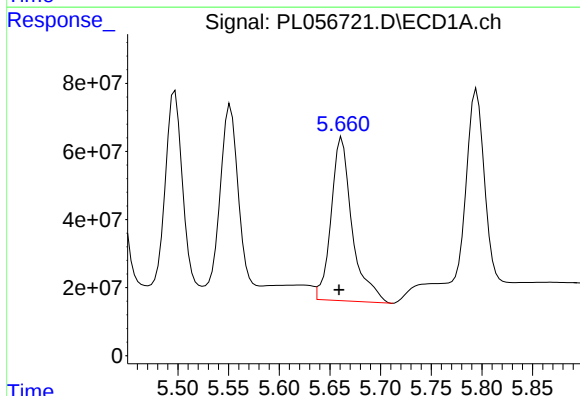
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



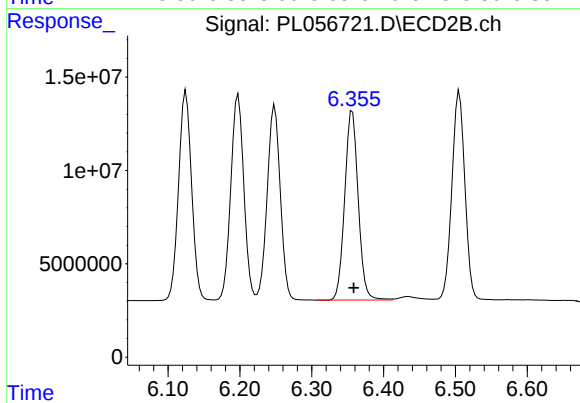
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: -0.001 min
Response: 139813031
Conc: 49.14 ng/ml



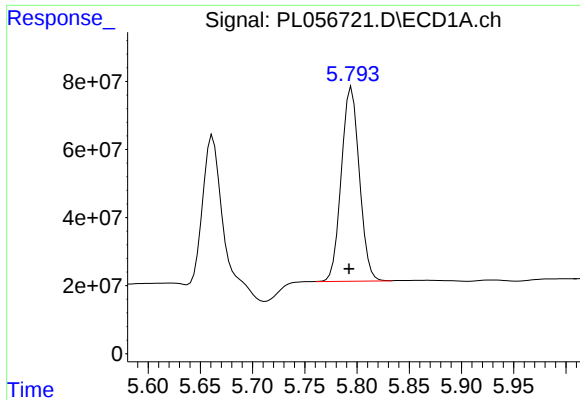
#12 4,4'-DDE

R.T.: 5.662 min
Delta R.T.: 0.003 min
Response: 695672301
Conc: 49.46 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: -0.002 min
Response: 132072388
Conc: 47.96 ng/ml



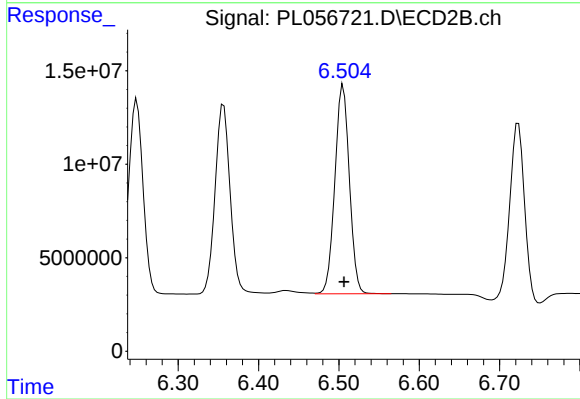
#13 Dieldrin

R.T.: 5.793 min
Delta R.T.: 0.001 min
Response: 685141620
Conc: 45.97 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

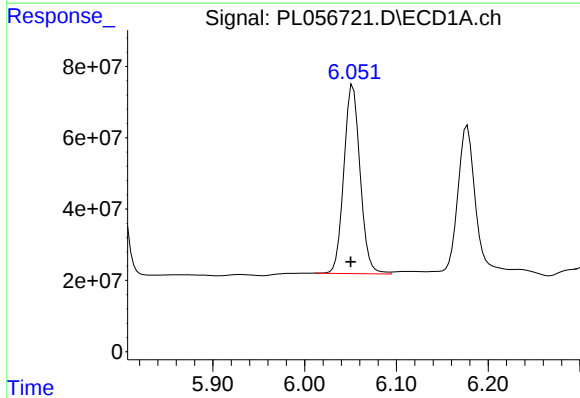
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



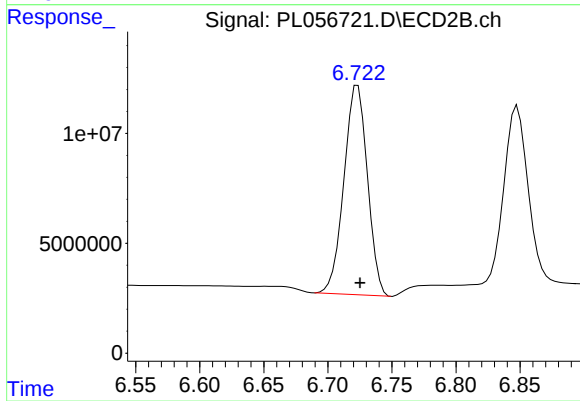
#13 Dieldrin

R.T.: 6.505 min
Delta R.T.: -0.001 min
Response: 140414335
Conc: 49.12 ng/ml



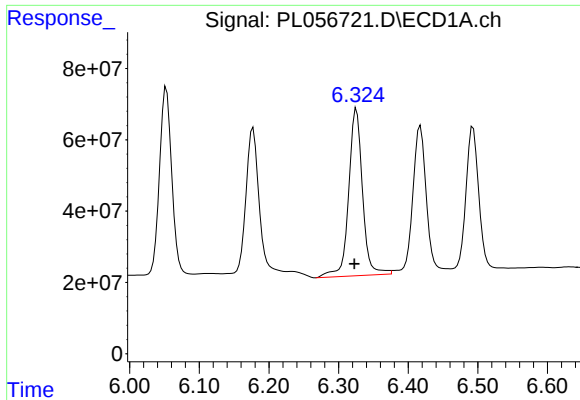
#14 Endrin

R.T.: 6.053 min
Delta R.T.: 0.003 min
Response: 651045150
Conc: 48.24 ng/ml



#14 Endrin

R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 121614152
Conc: 49.37 ng/ml m



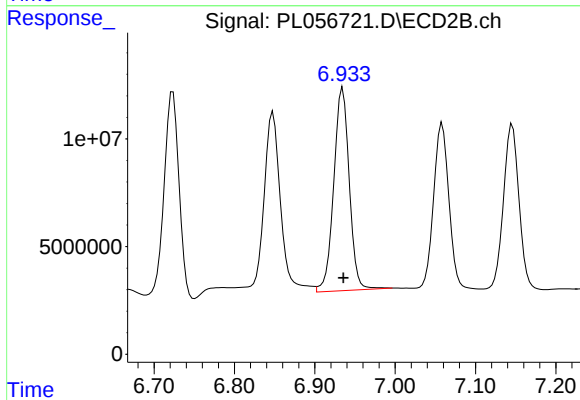
#15 Endosulfan II

R.T.: 6.326 min
Delta R.T.: 0.003 min
Response: 648443639
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

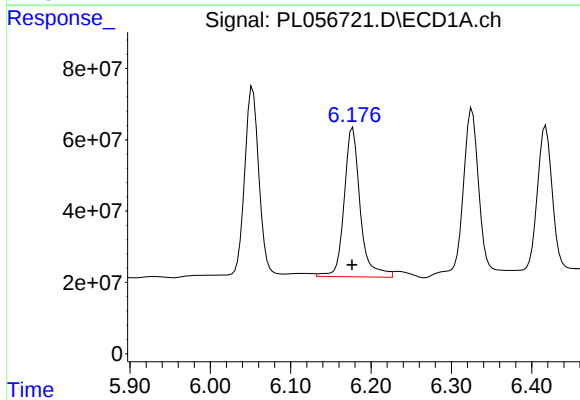
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



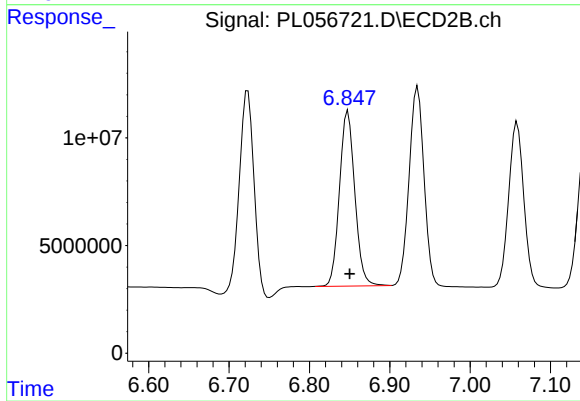
#15 Endosulfan II

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 126449286
Conc: 48.96 ng/ml



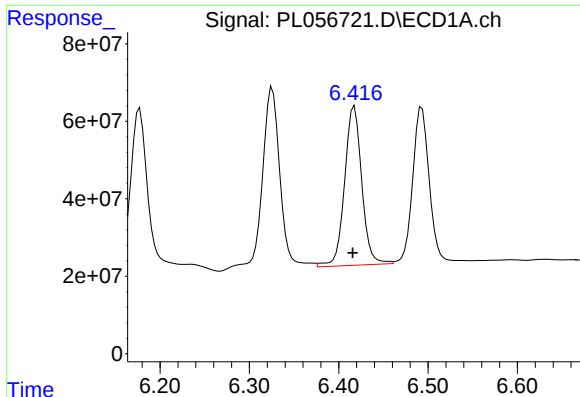
#16 4,4'-DDD

R.T.: 6.177 min
Delta R.T.: 0.001 min
Response: 582049134
Conc: 52.04 ng/ml



#16 4,4'-DDD

R.T.: 6.847 min
Delta R.T.: -0.004 min
Response: 108066869
Conc: 46.93 ng/ml m



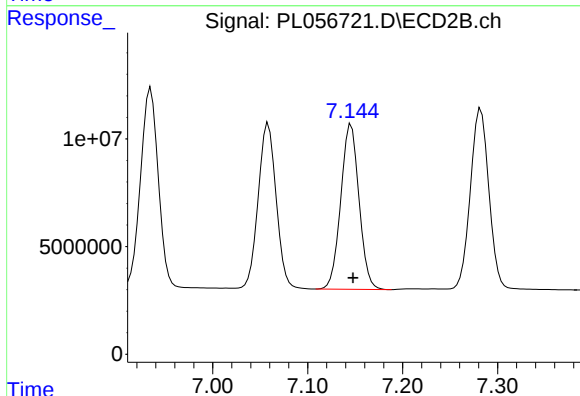
#17 4,4'-DDT

R.T.: 6.418 min
Delta R.T.: 0.002 min
Response: 549979400
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

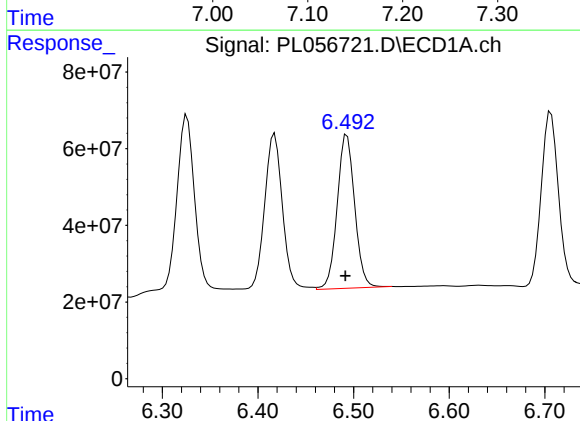
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



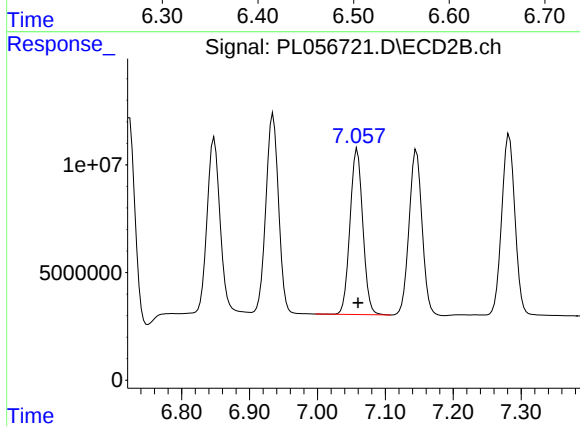
#17 4,4'-DDT

R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 102736332
Conc: 49.38 ng/ml



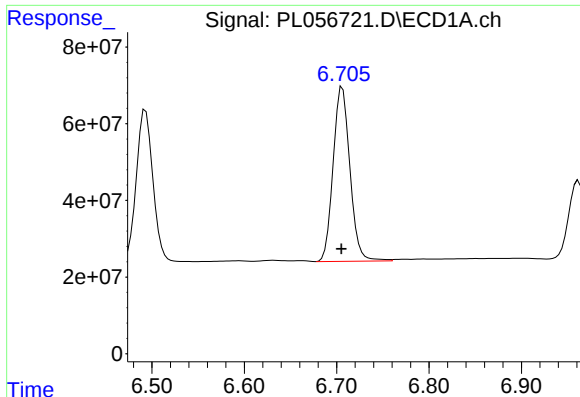
#18 Endrin aldehyde

R.T.: 6.493 min
Delta R.T.: 0.002 min
Response: 511264003
Conc: 47.23 ng/ml



#18 Endrin aldehyde

R.T.: 7.059 min
Delta R.T.: -0.001 min
Response: 101128250
Conc: 48.21 ng/ml



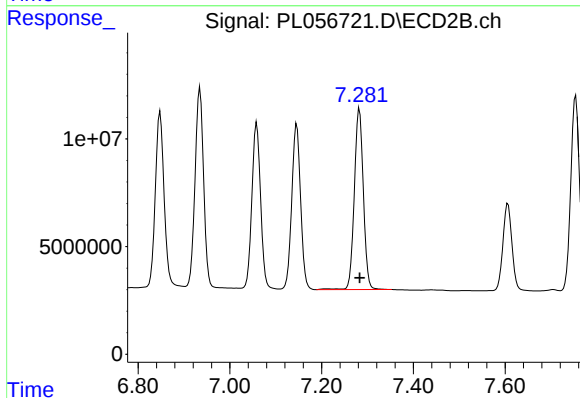
#19 Endosulfan Sulfate

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 575922341
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

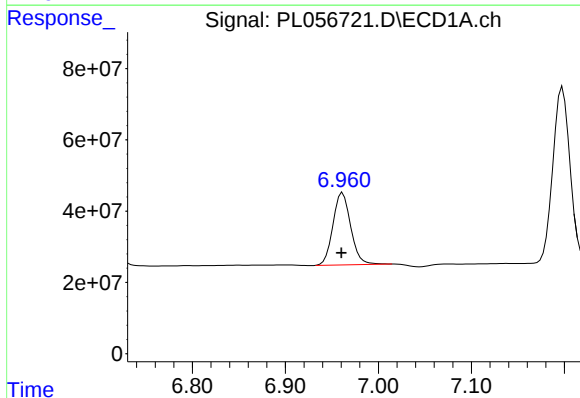
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



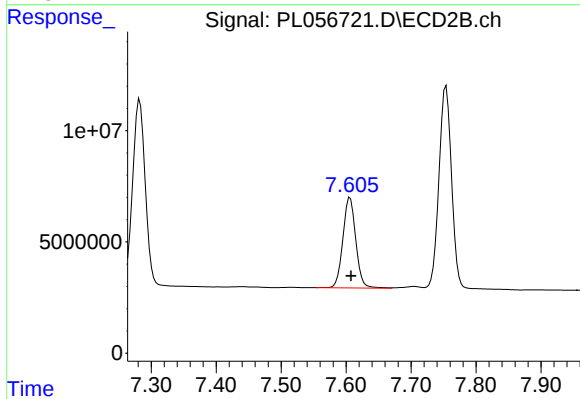
#19 Endosulfan Sulfate

R.T.: 7.282 min
Delta R.T.: -0.001 min
Response: 115572963
Conc: 48.63 ng/ml



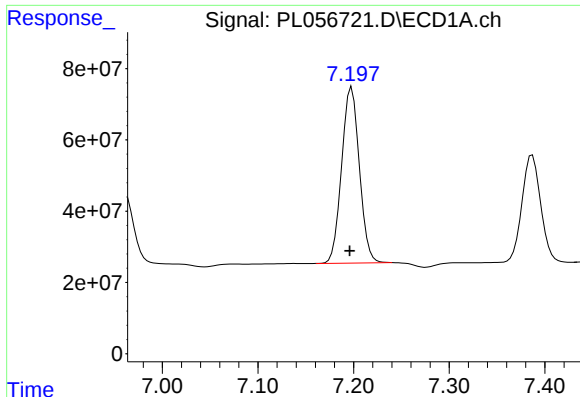
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.001 min
Response: 270498303
Conc: 51.01 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 56153732
Conc: 50.74 ng/ml



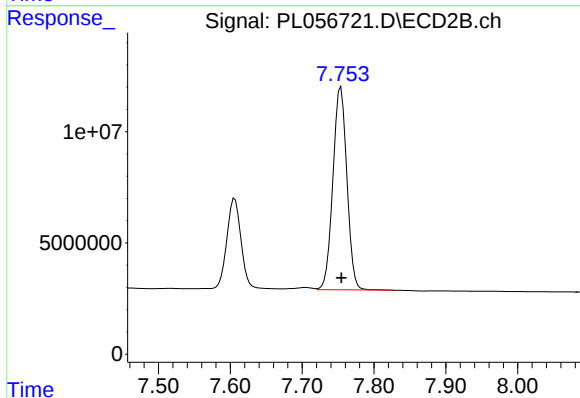
#21 Endrin ketone

R.T.: 7.198 min
Delta R.T.: 0.002 min
Response: 637846431
Conc: 47.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

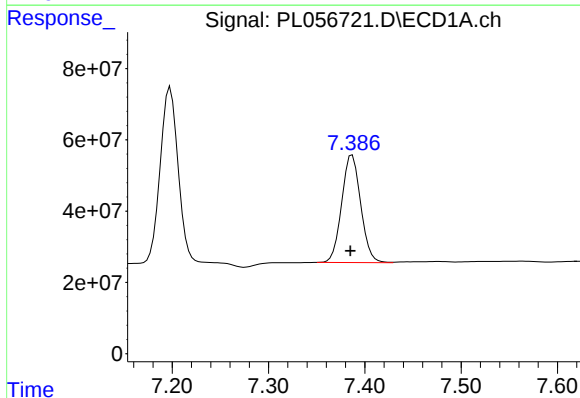
Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



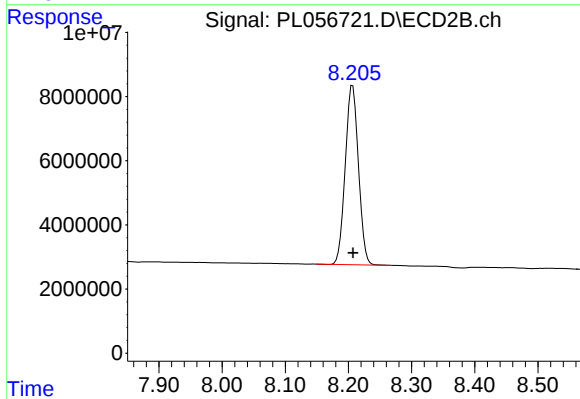
#21 Endrin ketone

R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 122991788
Conc: 48.70 ng/ml



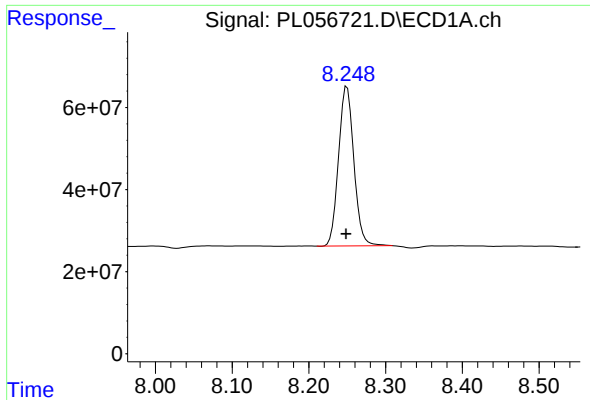
#22 Mirex

R.T.: 7.387 min
Delta R.T.: 0.002 min
Response: 412730626
Conc: 49.18 ng/ml



#22 Mirex

R.T.: 8.207 min
Delta R.T.: 0.000 min
Response: 81354328
Conc: 48.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.250 min

Delta R.T.: 0.001 min

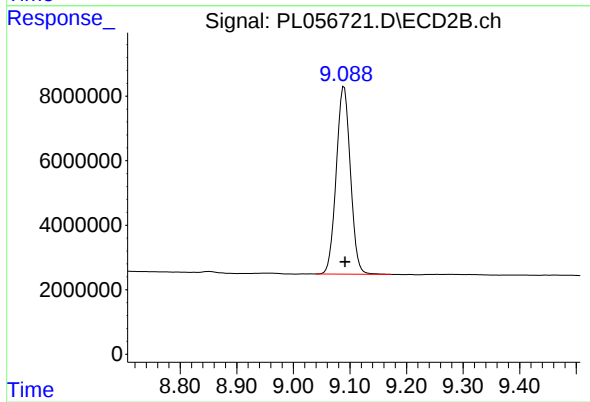
Response: 540299391

Conc: 45.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
2/25/2020 2:44:53 PM



#28 Decachlorobiphenyl

R.T.: 9.090 min

Delta R.T.: -0.001 min

Response: 101111310

Conc: 48.12 ng/ml