

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060220\
 Data File : PL059052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2020 12:17
 Operator : AJ\MA
 Sample : L2814-01MSD 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PL-02-052920

Manual Integrations
 APPROVED

mohammad
 6/3/2020 1:15:15 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 15:51:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 11:27:53 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...	3.528	4.076	4899608	5357451	2.672	1.978 #
28)	SA Decachlor...	8.300	9.190	8043636	8525204	4.761	3.234m#
Target Compounds							
2)	A alpha-BHC	3.971	4.470	11477411	15611198	4.221	3.890
3)	MA gamma-BHC...	4.260	4.747	29796664	17009252	12.624	4.488m#
4)	MA Heptachlor	4.563	5.271	18676605	24009725	8.306	6.268
5)	MB Aldrin	4.813	5.578	10837693	12738745	5.598	3.734m#
7)	B delta-BHC	4.713	5.147	13442735	8542244	6.269	2.342 #
8)	B Heptachlo...	5.259	5.968	9756570	9214021	5.286	2.794 #
9)	A Endosulfan I	5.619f	6.326	47452277	9325718	27.954	3.172 #
10)	B gamma-Chl...	5.487	6.197	10016186	12984864	5.463	3.920m#
11)	B alpha-Chl...	5.545	6.275	11015209	19168897	6.020	5.902
12)	B 4,4'-DDE	5.709	6.428	7683723	14610488	4.679	5.119
13)	MA Dieldrin	5.842	6.585	18246455	11789900	10.395m	3.892 #
14)	MA Endrin	6.101	6.803	7392807	7706302	4.717	3.088 #
15)	B Endosulfa...	6.374	7.011	13707277	16245637	8.227	5.796 #
16)	A 4,4'-DDD	6.225	6.920	5523327	13725335	3.902m	5.753 #
17)	MA 4,4'-DDT	6.468	7.221	3653689	7046815	2.512	2.963
18)	B Endrin al...	6.543	7.135	6562187	12674126	4.650	5.371
19)	B Endosulfa...	6.756	7.358	10940477	9919178	6.706	3.775 #
20)	A Methoxychlor	7.032	7.667	6610112	18189108	7.749m	13.042 #
21)	B Endrin ke...	7.247	7.832	6988154	9548403	3.789	3.447
22)	Mirex	7.442	8.289	4115262	6234157	2.661m	2.844m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060220\
Data File : PL059052.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2020 12:17
Operator : AJ\MA
Sample : L2814-01MSD 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

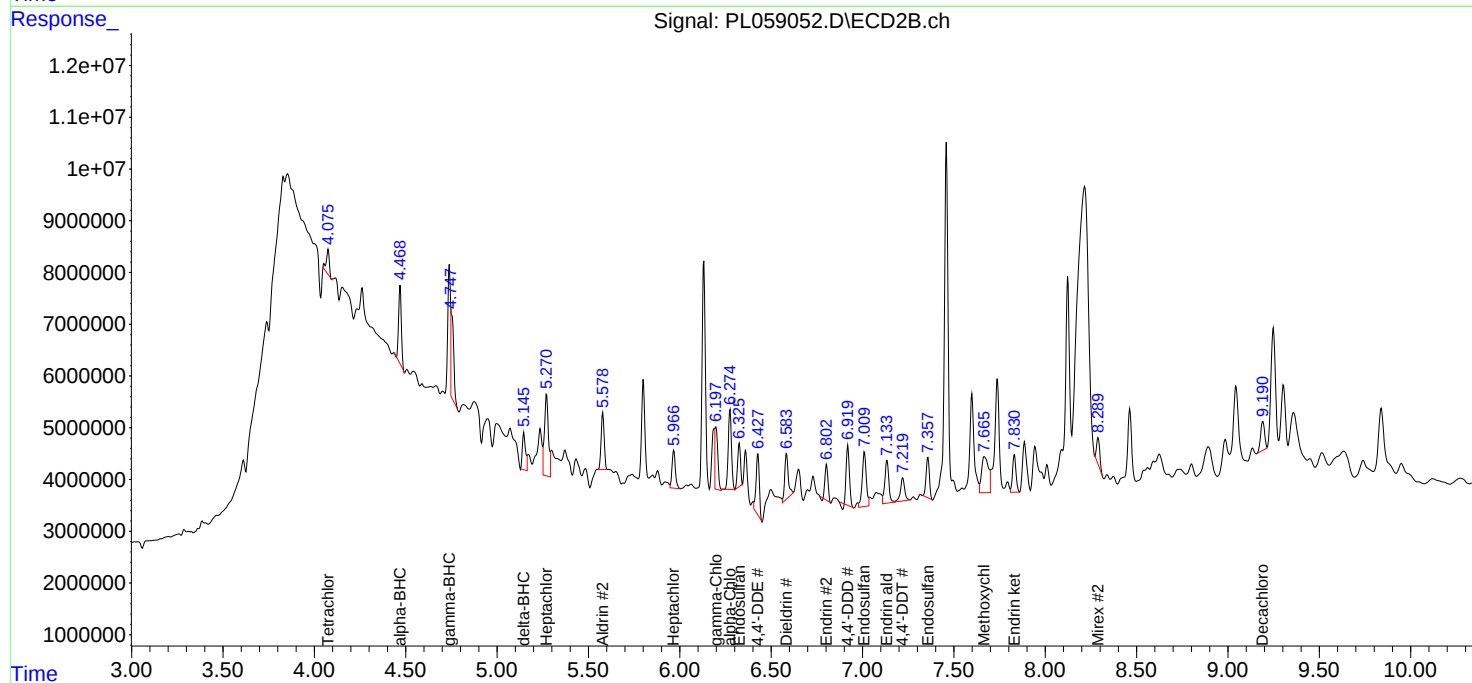
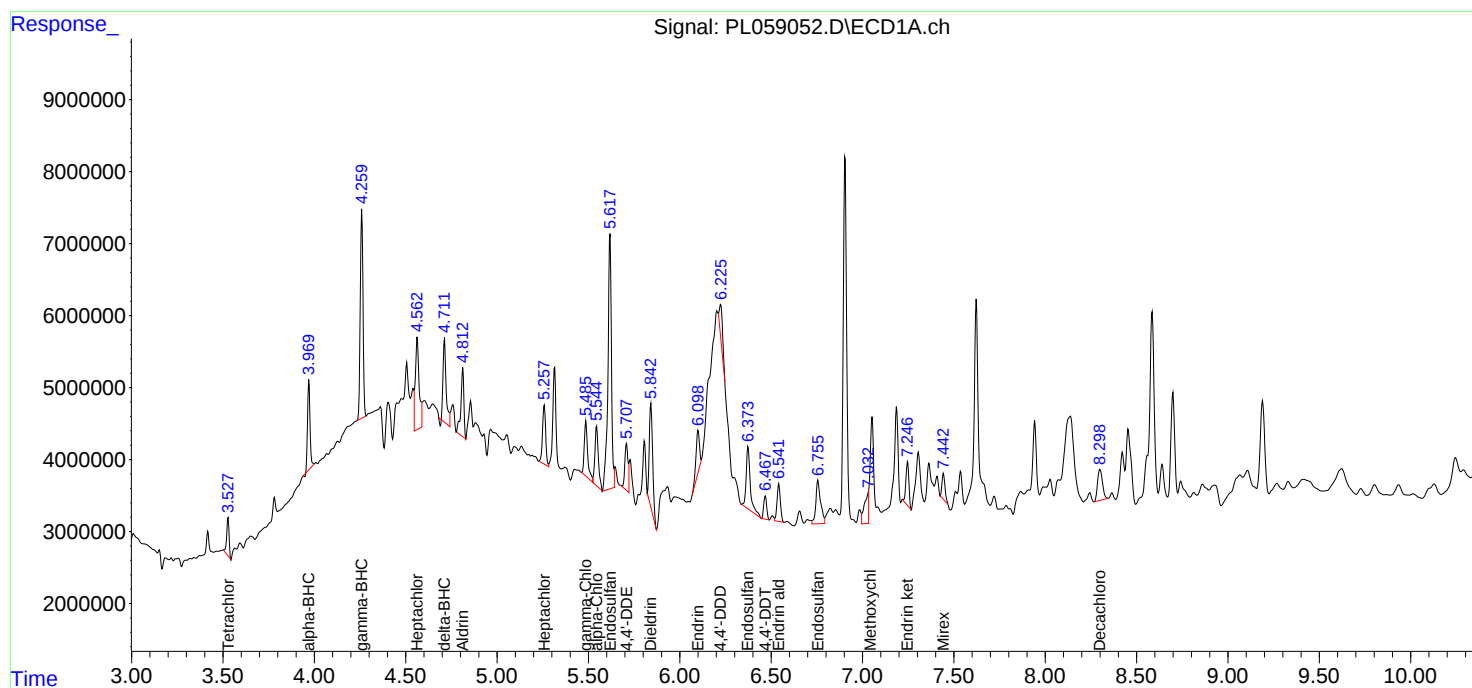
Instrument :
ECD_L
ClientSampleId :
PL-02-052920

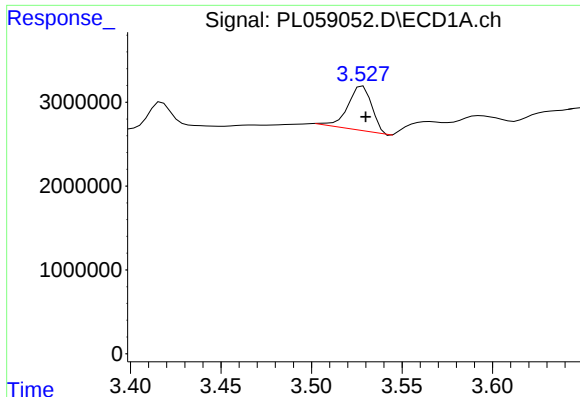
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 02 15:51:13 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
Quant Title : GC Extractables
QLast Update : Wed May 20 11:27:53 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





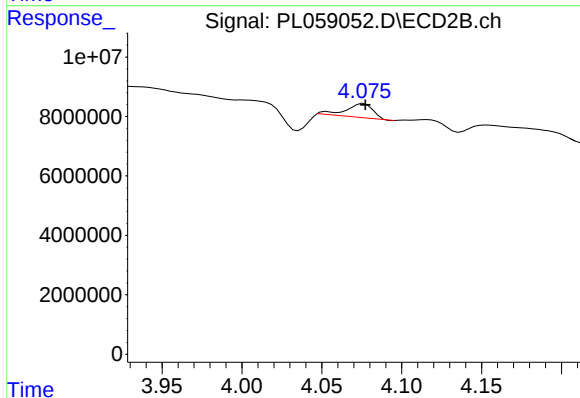
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 4899608
Conc: 2.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-052920

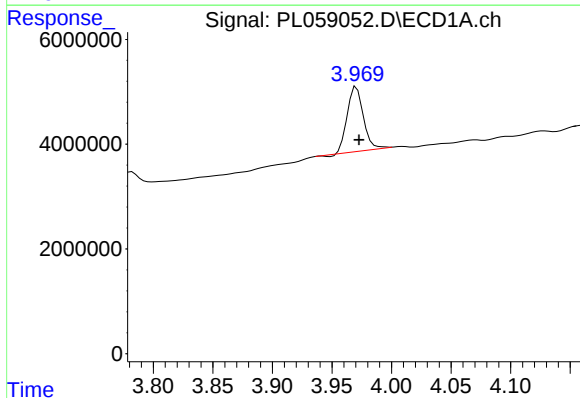
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM



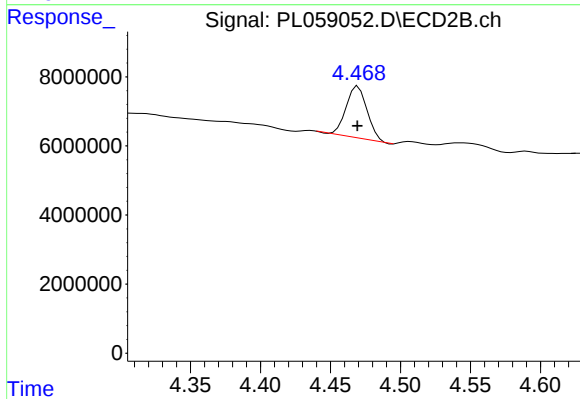
#1 Tetrachloro-m-xylene

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 5357451
Conc: 1.98 ng/ml



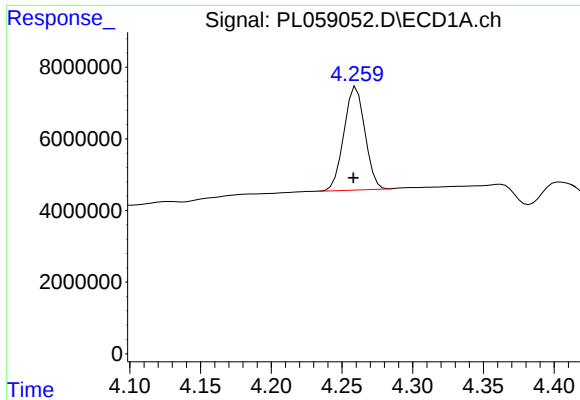
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: -0.002 min
Response: 11477411
Conc: 4.22 ng/ml



#2 alpha-BHC

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 15611198
Conc: 3.89 ng/ml



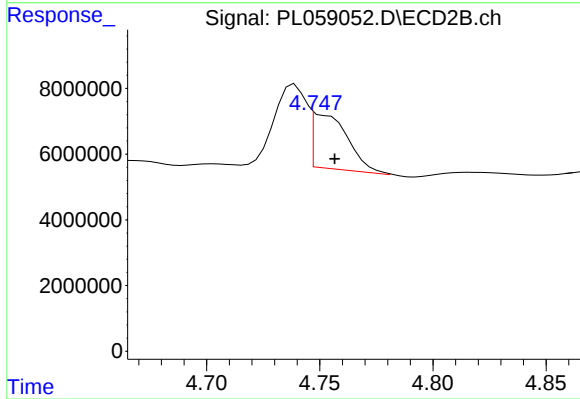
#3 gamma-BHC (Lindane)

R.T.: 4.260 min
Delta R.T.: 0.002 min
Response: 29796664
Conc: 12.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-052920

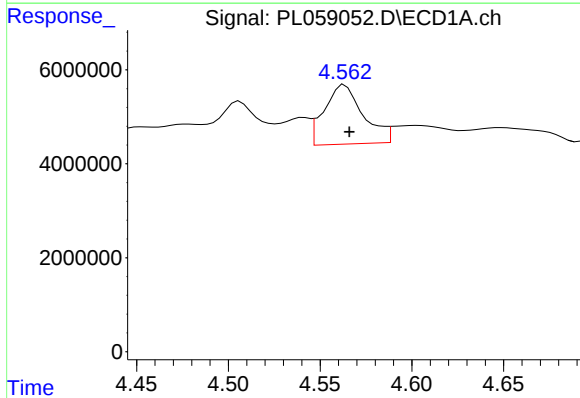
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM



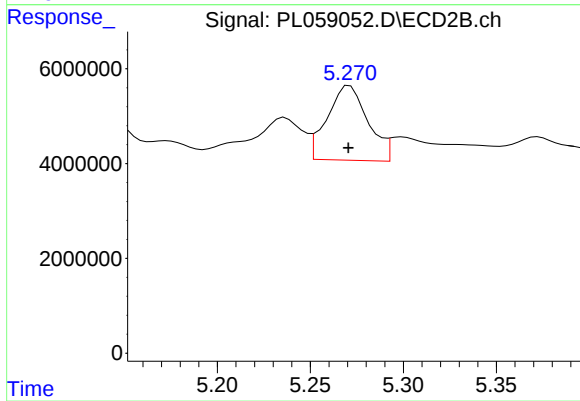
#3 gamma-BHC (Lindane)

R.T.: 4.747 min
Delta R.T.: -0.010 min
Response: 17009252
Conc: 4.49 ng/ml m



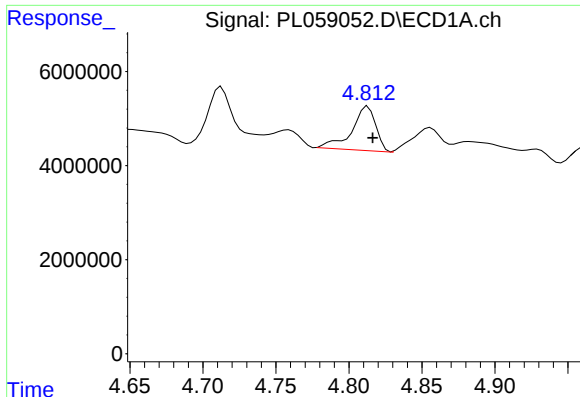
#4 Heptachlor

R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 18676605
Conc: 8.31 ng/ml



#4 Heptachlor

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 24009725
Conc: 6.27 ng/ml



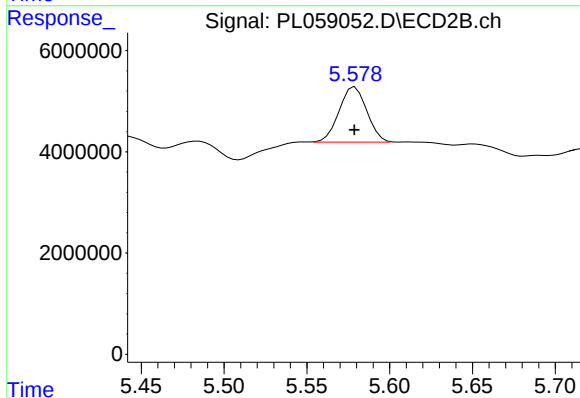
#5 Aldrin

R.T.: 4.813 min
Delta R.T.: -0.003 min
Response: 10837693
Conc: 5.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-052920

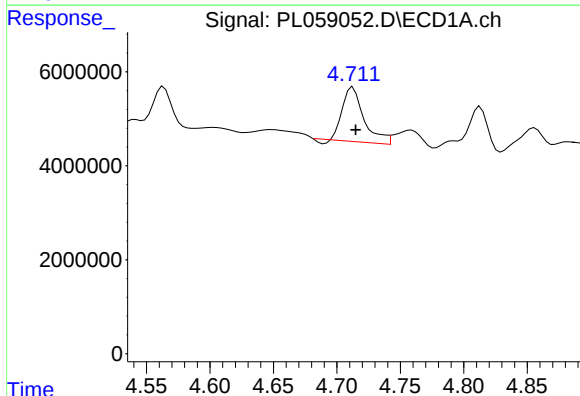
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM



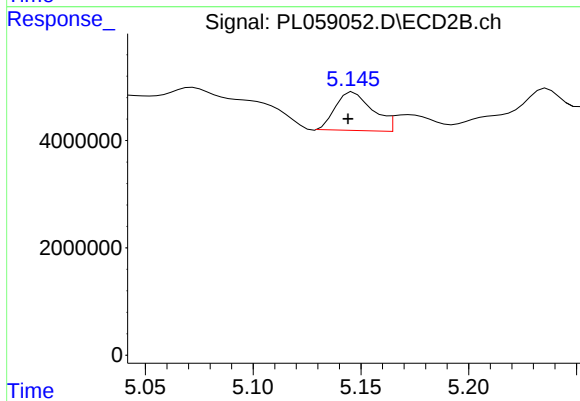
#5 Aldrin

R.T.: 5.578 min
Delta R.T.: -0.001 min
Response: 12738745
Conc: 3.73 ng/ml m



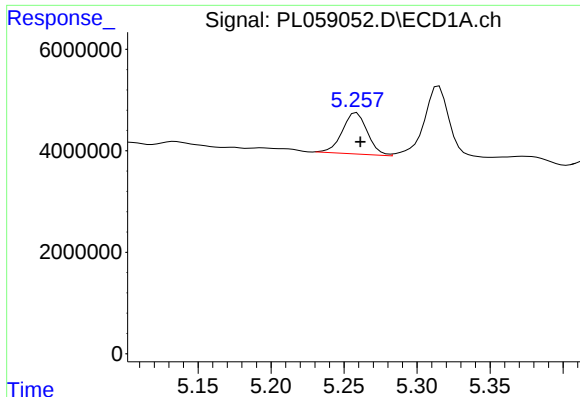
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 13442735
Conc: 6.27 ng/ml



#7 delta-BHC

R.T.: 5.147 min
Delta R.T.: 0.003 min
Response: 8542244
Conc: 2.34 ng/ml



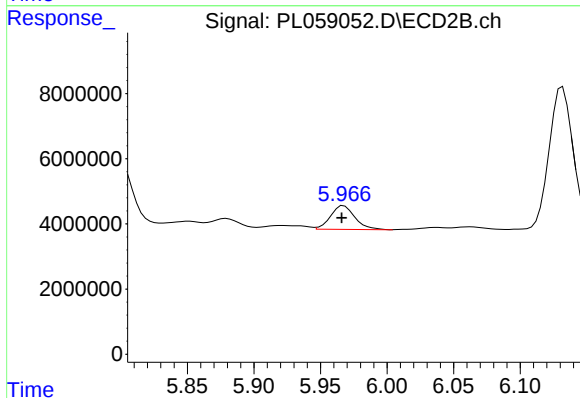
#8 Heptachlor epoxide

R.T.: 5.259 min
Delta R.T.: -0.003 min
Response: 9756570
Conc: 5.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-052920

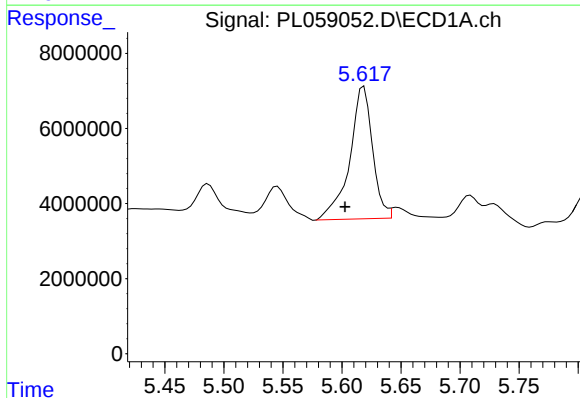
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM



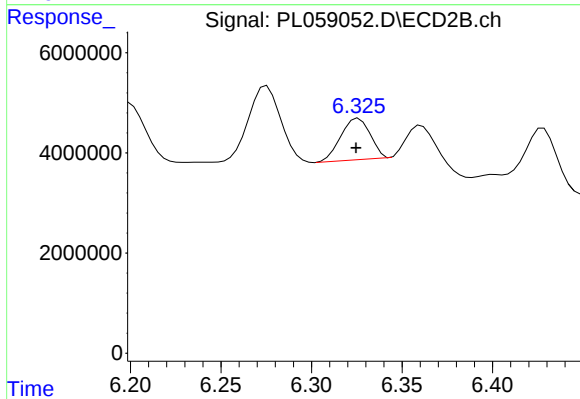
#8 Heptachlor epoxide

R.T.: 5.968 min
Delta R.T.: 0.001 min
Response: 9214021
Conc: 2.79 ng/ml



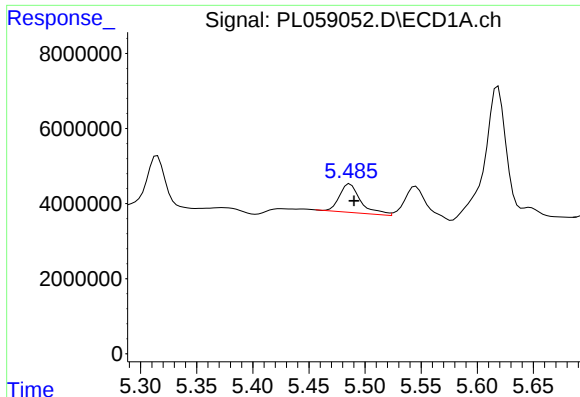
#9 Endosulfan I

R.T.: 5.619 min
Delta R.T.: 0.016 min
Response: 47452277
Conc: 27.95 ng/ml



#9 Endosulfan I

R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 9325718
Conc: 3.17 ng/ml



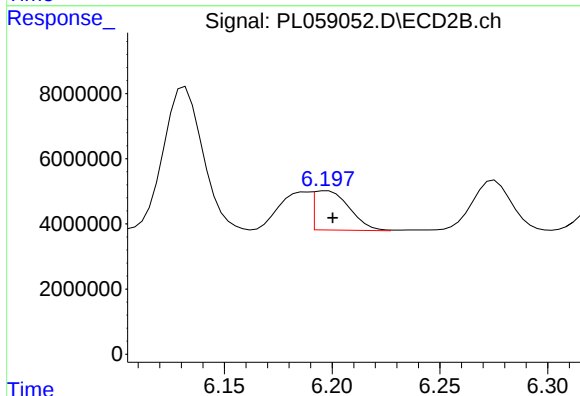
#10 gamma-Chlordane

R.T.: 5.487 min
Delta R.T.: -0.004 min
Response: 10016186
Conc: 5.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-052920

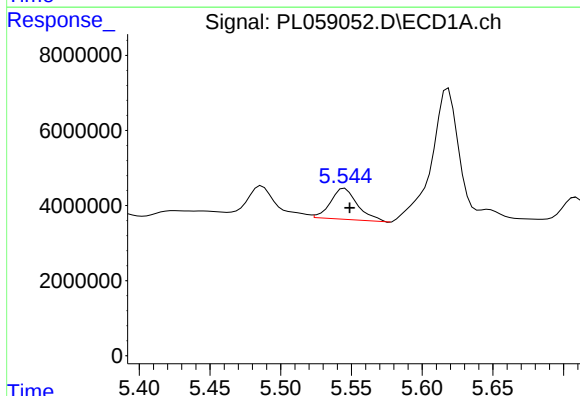
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM



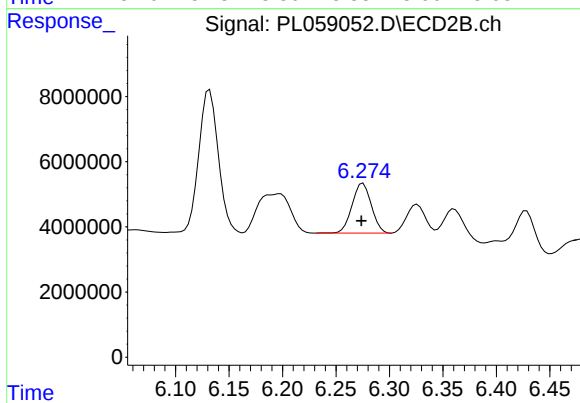
#10 gamma-Chlordane

R.T.: 6.197 min
Delta R.T.: -0.003 min
Response: 12984864
Conc: 3.92 ng/ml m



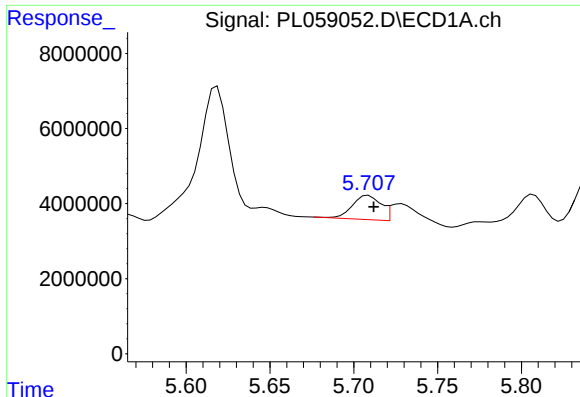
#11 alpha-Chlordane

R.T.: 5.545 min
Delta R.T.: -0.004 min
Response: 11015209
Conc: 6.02 ng/ml



#11 alpha-Chlordane

R.T.: 6.275 min
Delta R.T.: 0.001 min
Response: 19168897
Conc: 5.90 ng/ml



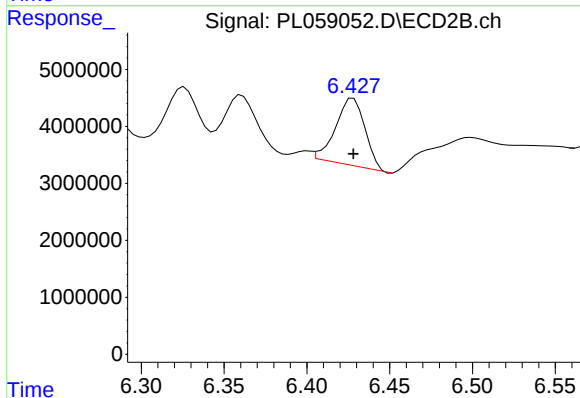
#12 4,4'-DDE

R.T.: 5.709 min
Delta R.T.: -0.003 min
Response: 7683723
Conc: 4.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-052920

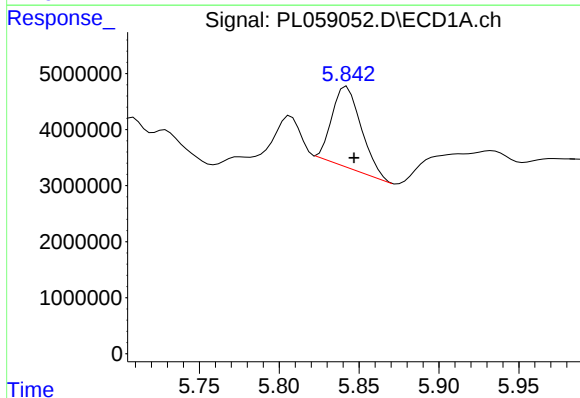
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM



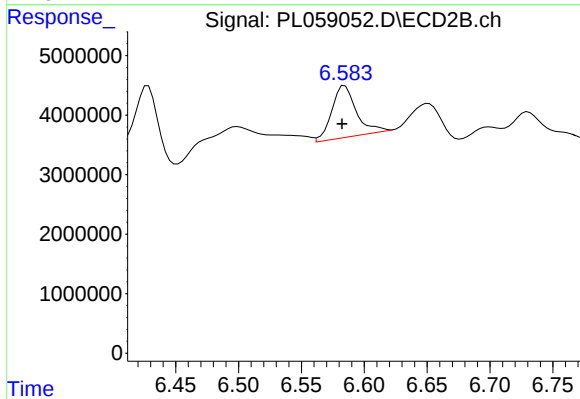
#12 4,4'-DDE

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 14610488
Conc: 5.12 ng/ml



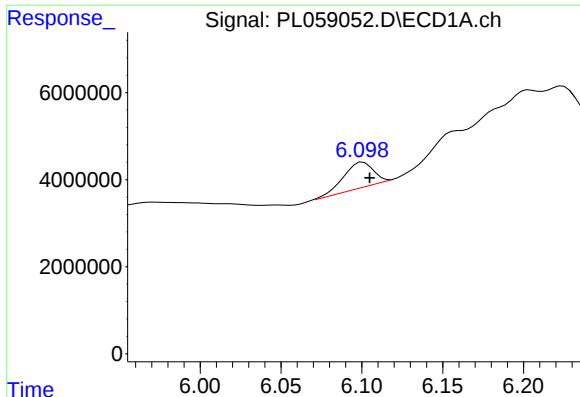
#13 Dieldrin

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 18246455
Conc: 10.39 ng/ml m



#13 Dieldrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 11789900
Conc: 3.89 ng/ml



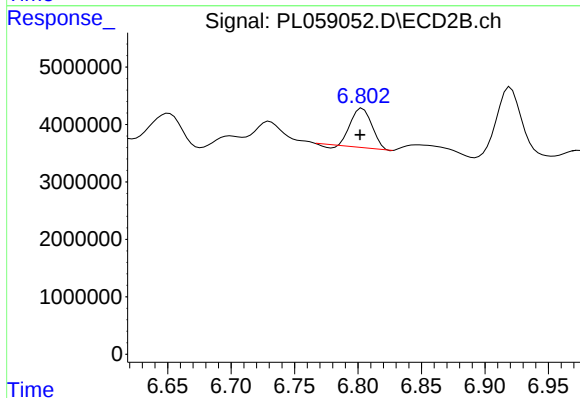
#14 Endrin

R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: 7392807
Conc: 4.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-052920

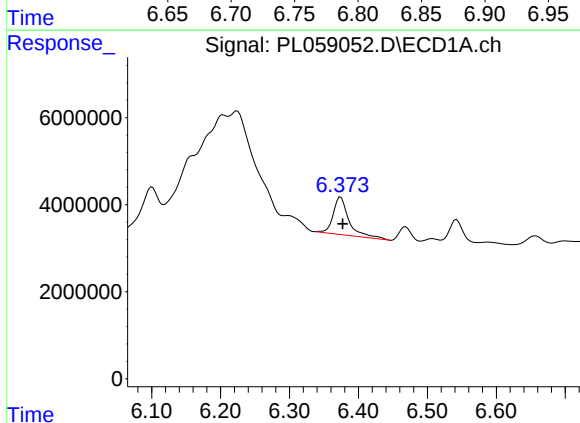
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM



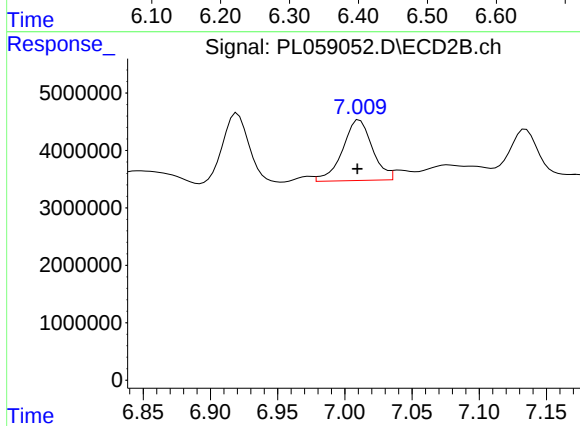
#14 Endrin

R.T.: 6.803 min
Delta R.T.: 0.002 min
Response: 7706302
Conc: 3.09 ng/ml



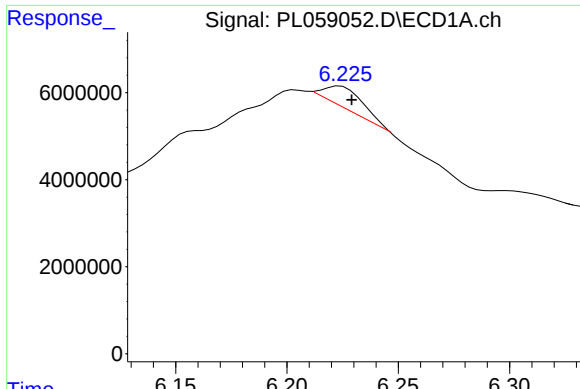
#15 Endosulfan II

R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 13707277
Conc: 8.23 ng/ml



#15 Endosulfan II

R.T.: 7.011 min
Delta R.T.: 0.002 min
Response: 16245637
Conc: 5.80 ng/ml



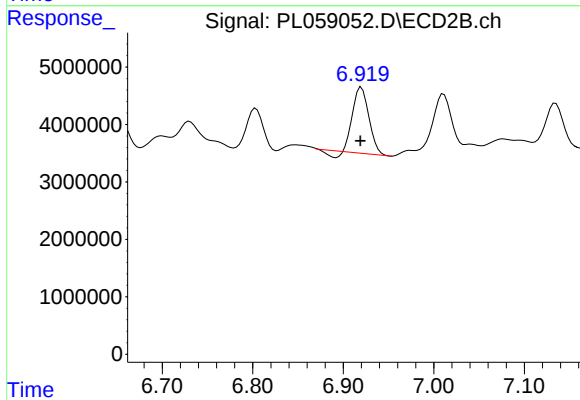
#16 4,4'-DDD

R.T.: 6.225 min
Delta R.T.: -0.004 min
Response: 5523327
Conc: 3.90 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PL-02-052920

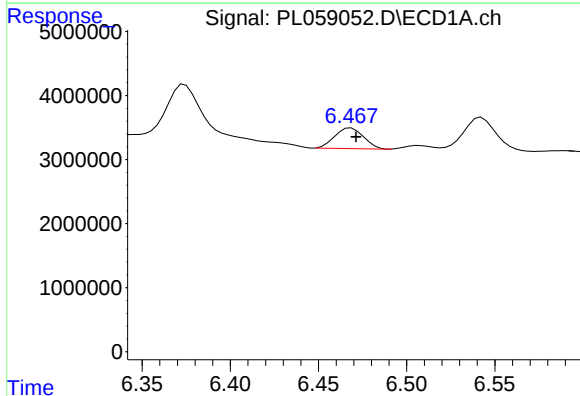
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM



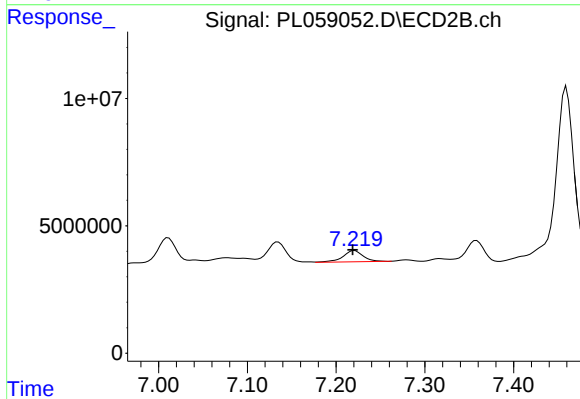
#16 4,4'-DDD

R.T.: 6.920 min
Delta R.T.: 0.001 min
Response: 13725335
Conc: 5.75 ng/ml



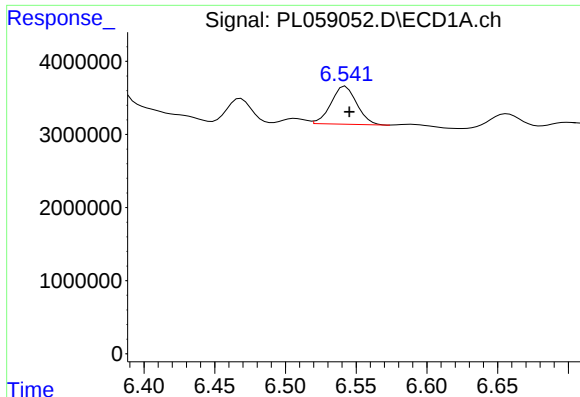
#17 4,4'-DDT

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 3653689
Conc: 2.51 ng/ml



#17 4,4'-DDT

R.T.: 7.221 min
Delta R.T.: 0.002 min
Response: 7046815
Conc: 2.96 ng/ml



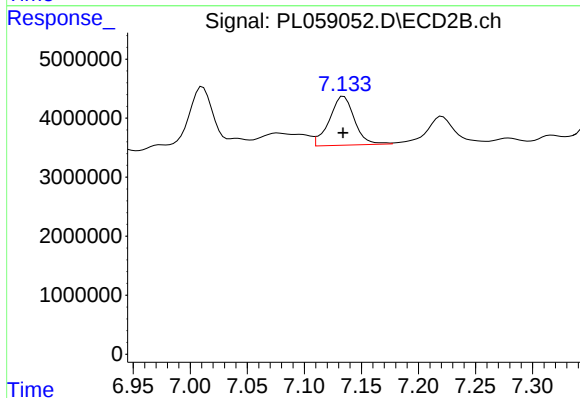
#18 Endrin aldehyde

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 6562187
Conc: 4.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-052920

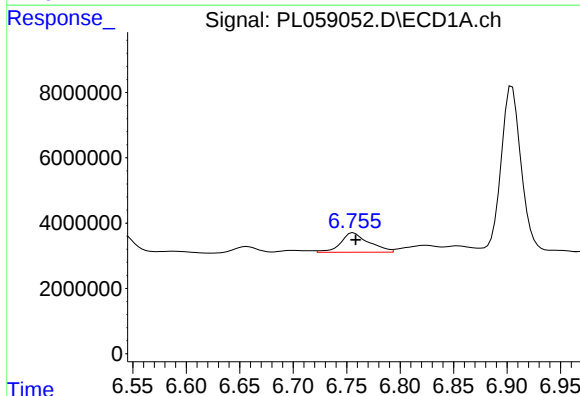
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM



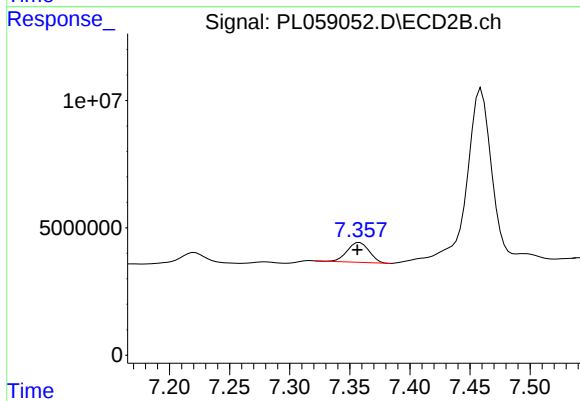
#18 Endrin aldehyde

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 12674126
Conc: 5.37 ng/ml



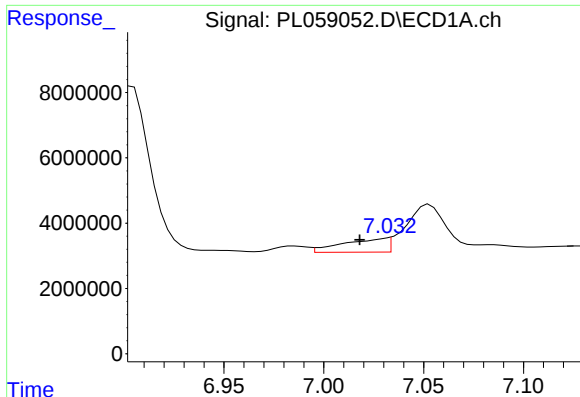
#19 Endosulfan Sulfate

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 10940477
Conc: 6.71 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.358 min
Delta R.T.: 0.002 min
Response: 9919178
Conc: 3.77 ng/ml



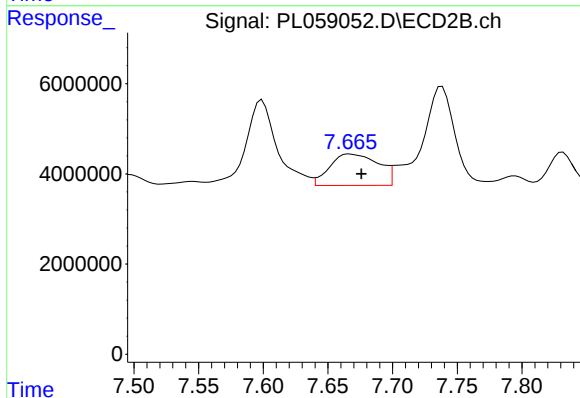
#20 Methoxychlor

R.T.: 7.032 min
Delta R.T.: 0.014 min
Response: 6610112
Conc: 7.75 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PL-02-052920

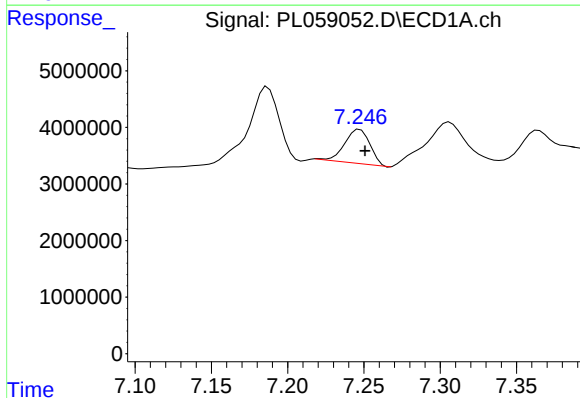
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM



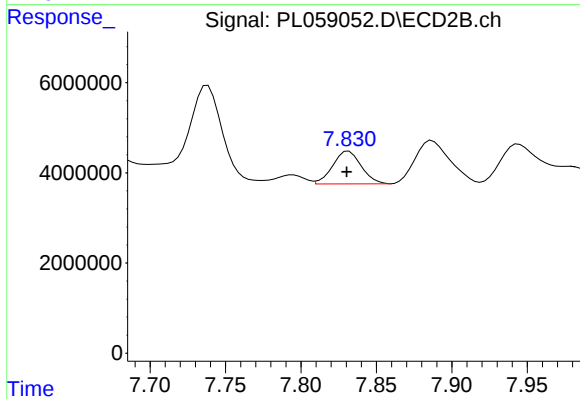
#20 Methoxychlor

R.T.: 7.667 min
Delta R.T.: -0.009 min
Response: 18189108
Conc: 13.04 ng/ml



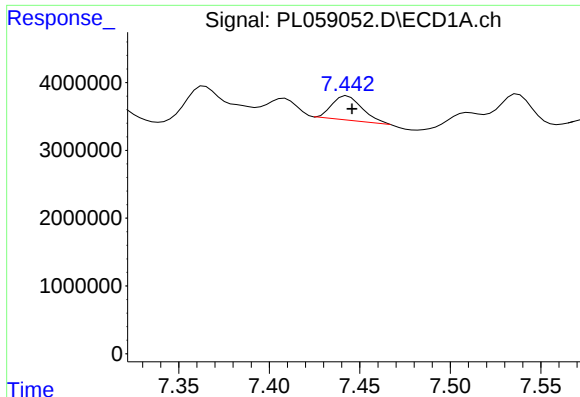
#21 Endrin ketone

R.T.: 7.247 min
Delta R.T.: -0.003 min
Response: 6988154
Conc: 3.79 ng/ml



#21 Endrin ketone

R.T.: 7.832 min
Delta R.T.: 0.001 min
Response: 9548403
Conc: 3.45 ng/ml



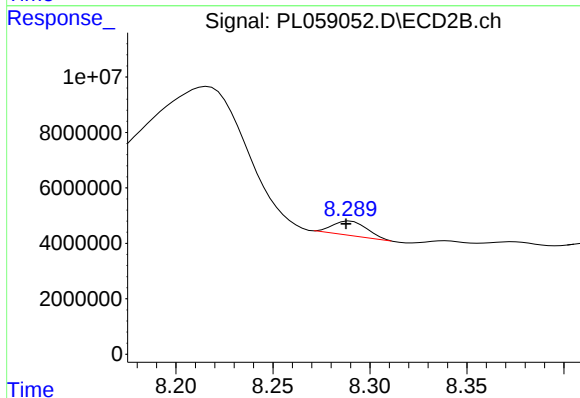
#22 Mirex

R.T.: 7.442 min
Delta R.T.: -0.004 min
Response: 4115262
Conc: 2.66 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PL-02-052920

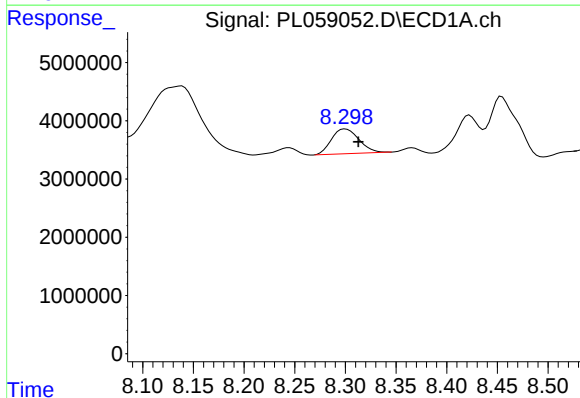
Manual Integrations
APPROVED

mohammad
6/3/2020 1:15:15 PM



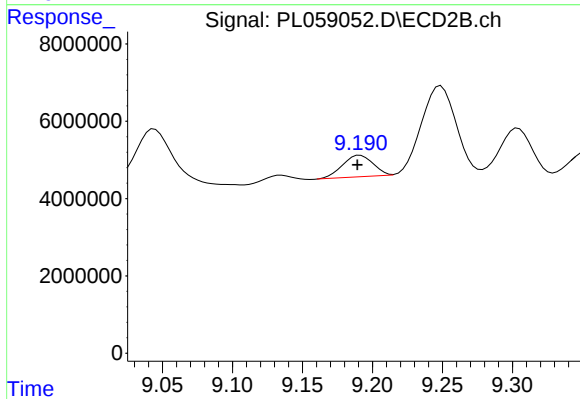
#22 Mirex

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 6234157
Conc: 2.84 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.300 min
Delta R.T.: -0.013 min
Response: 8043636
Conc: 4.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.190 min
Delta R.T.: 0.000 min
Response: 8525204
Conc: 3.23 ng/ml m