

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051820\
 Data File : PL058769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2020 16:15
 Operator : AJ\MA
 Sample : L2674-02MS 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PS-STOCK-4MS

Manual Integrations
 APPROVED

mohammad
 5/21/2020 8:30:09 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 14:29:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051220.M
 Quant Title : GC Extractables
 QLast Update : Fri May 15 06:18:53 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...	3.530	4.077	4777829	6197317	2.908	2.863
28) SA Decachlor...	8.314	9.189	3203509	5560996	2.453	3.147 #
Target Compounds						
2) A alpha-BHC	3.973	4.470	10663486	15324298	4.632	5.005
3) MA gamma-BHC...	4.260	4.757	12706592	22113103	6.193	7.542
4) MA Heptachlor	4.567	5.271	9895940	15838911	5.238	5.652
5) MB Aldrin	4.817	5.580	9982960	22751822	5.996	9.137 #
6) B beta-BHC	4.508	4.928	4419680	3380752	4.986	2.549 #
7) B delta-BHC	4.714	5.145	9950287	11444518	5.350m	4.033
8) B Heptachlo...	5.263	5.967	8059382	13739035	5.129	5.721
9) A Endosulfan I	5.622	6.327	22261680	14436428	15.367	6.708 #
10) B gamma-Chl...	5.492	6.200	11130219	14950152	7.164	6.364m
11) B alpha-Chl...	5.551	6.275	9478739	16236956	6.088	6.927
12) B 4,4'-DDE	5.714	6.428	11877895	14270506	8.522	6.833
13) MA Dieldrin	5.848	6.584	16947588	10907203	11.380	4.970 #
14) MA Endrin	6.106	6.802	6559055	10402460	5.049	5.736
15) B Endosulfa...	6.379	7.011	6769230	12951555	4.909	6.485 #
16) A 4,4'-DDD	6.233	6.920	8097105	11826143	6.866	6.758
17) MA 4,4'-DDT	6.474	7.221	5755491	10833504	4.717	6.401 #
18) B Endrin al...	6.548	7.135	6967745	10417218	5.936	6.103
19) B Endosulfa...	6.761	7.358	8269344	12339888	6.238	6.594
20) A Methoxychlor	7.021	7.671	3534370	19042207	5.445	19.388 #
21) B Endrin ke...	7.252	7.831	6343936	15004027	4.278	7.448 #
22) Mirex	7.448	8.289	6175528	10435421	5.051m	6.641 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051820\
Data File : PL058769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2020 16:15
Operator : AJ\MA
Sample : L2674-02MS 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

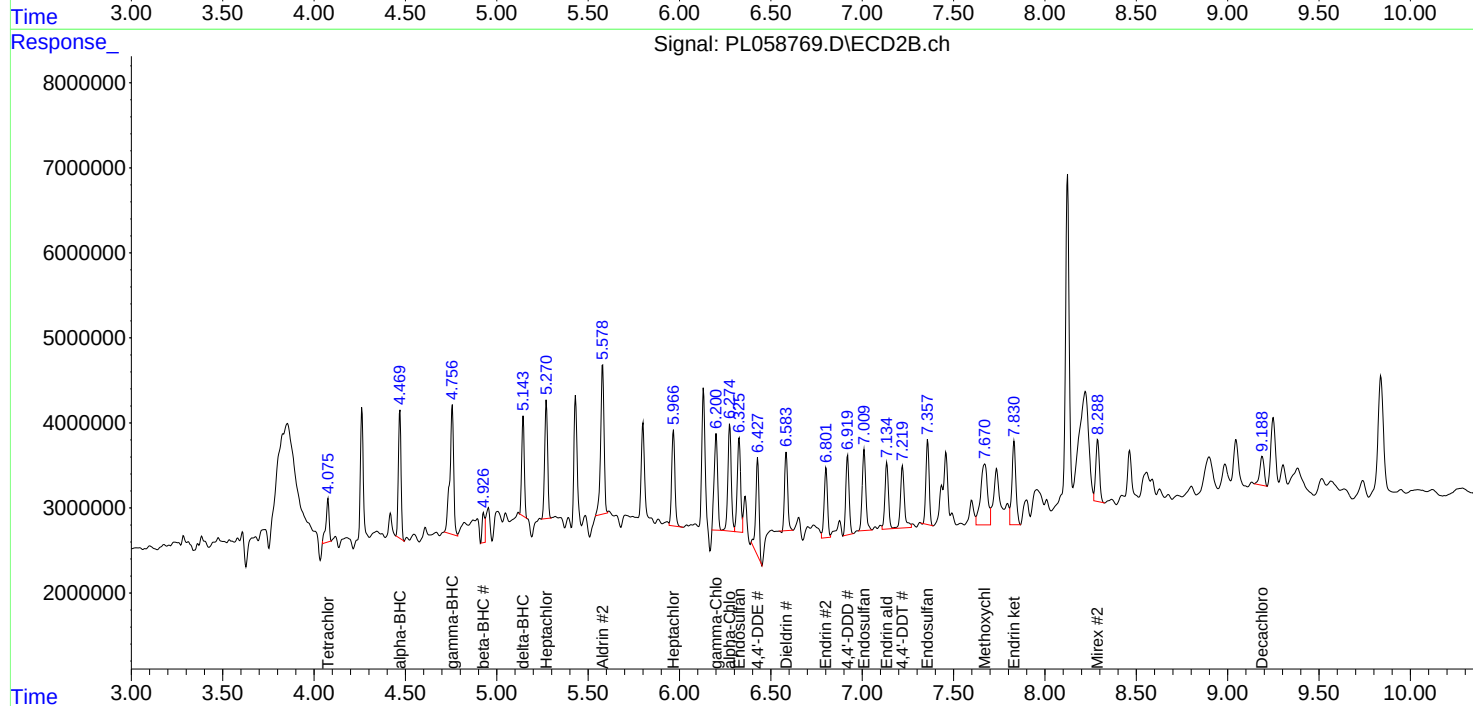
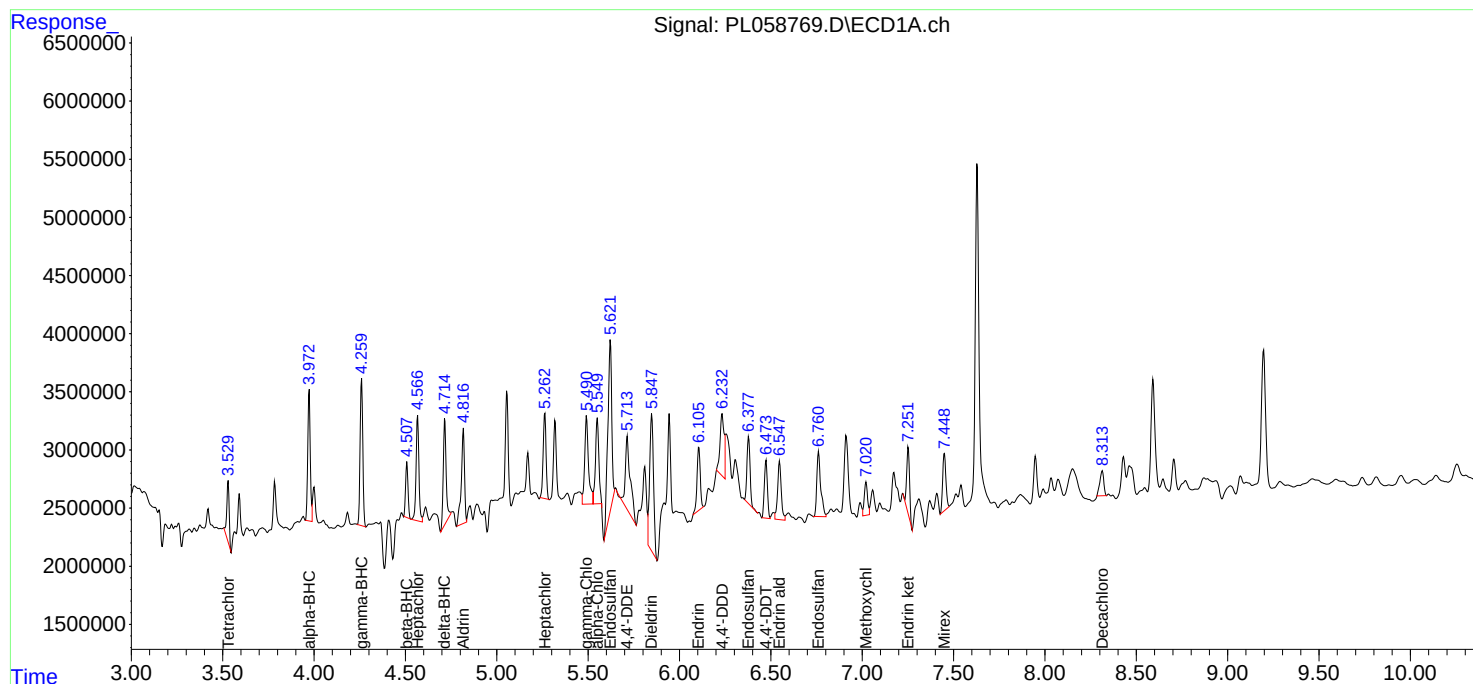
Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

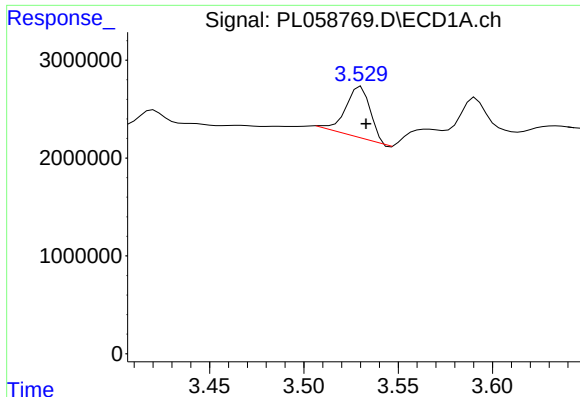
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 14:29:17 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051220.M
Quant Title : GC Extractables
QLast Update : Fri May 15 06:18:53 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





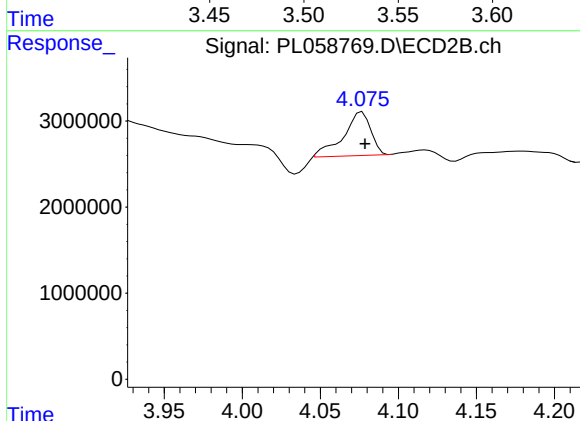
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: -0.003 min
Response: 4777829
Conc: 2.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

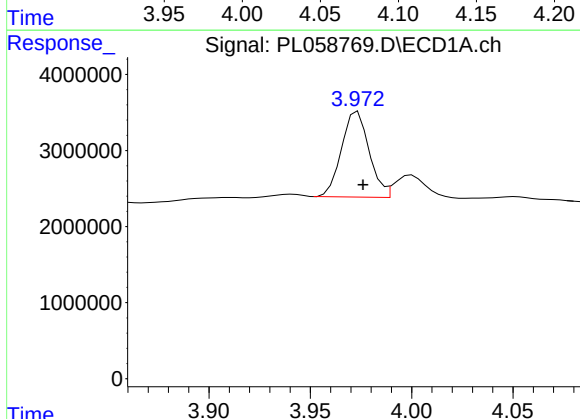
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



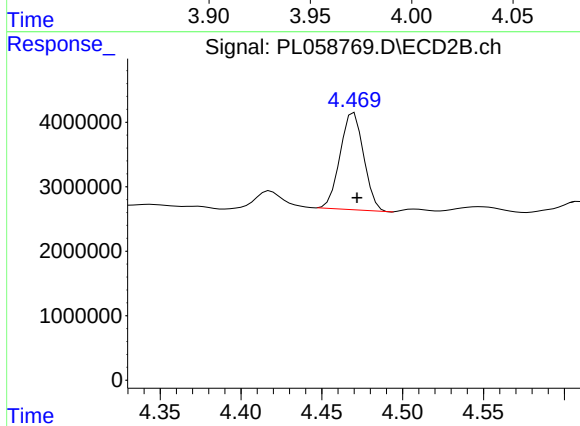
#1 Tetrachloro-m-xylene

R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 6197317
Conc: 2.86 ng/ml



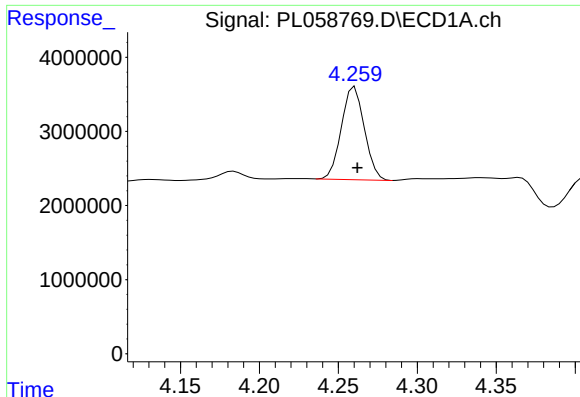
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 10663486
Conc: 4.63 ng/ml



#2 alpha-BHC

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 15324298
Conc: 5.00 ng/ml



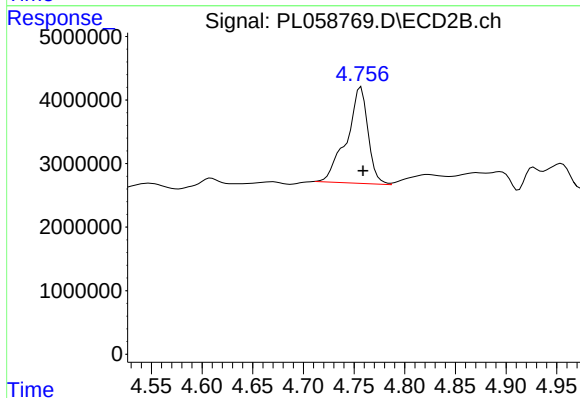
#3 gamma-BHC (Lindane)

R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 12706592
Conc: 6.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

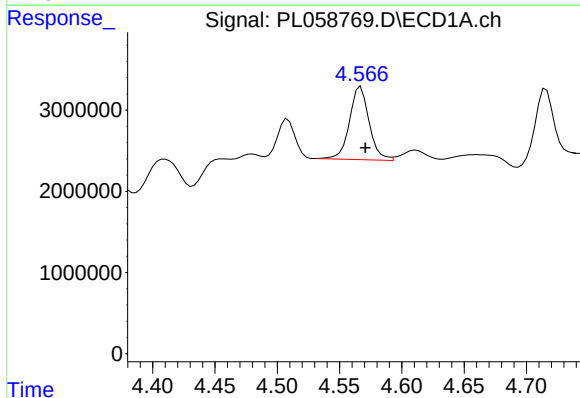
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



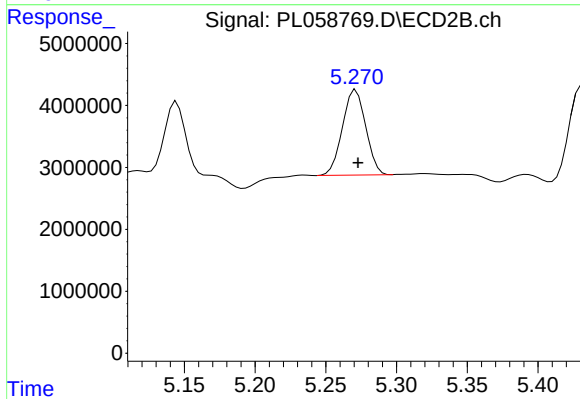
#3 gamma-BHC (Lindane)

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 22113103
Conc: 7.54 ng/ml



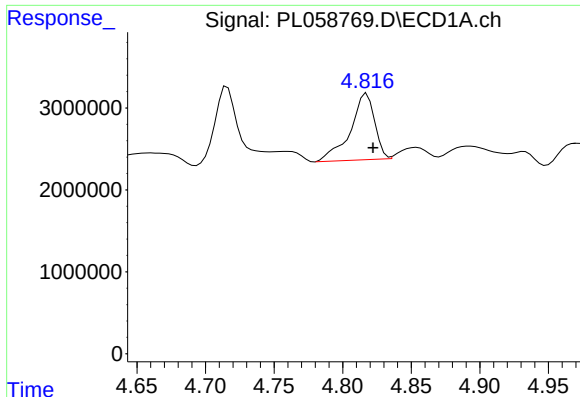
#4 Heptachlor

R.T.: 4.567 min
Delta R.T.: -0.004 min
Response: 9895940
Conc: 5.24 ng/ml



#4 Heptachlor

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 15838911
Conc: 5.65 ng/ml



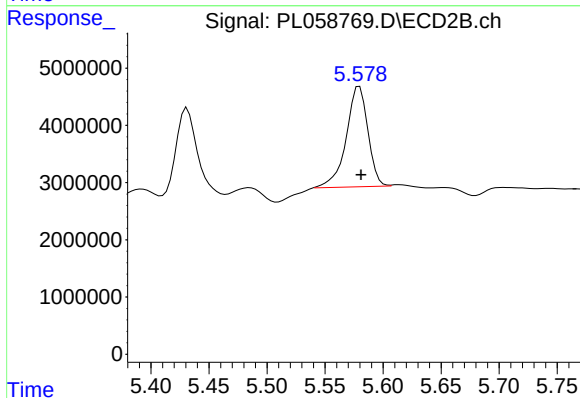
#5 Aldrin

R.T.: 4.817 min
Delta R.T.: -0.005 min
Response: 9982960
Conc: 6.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

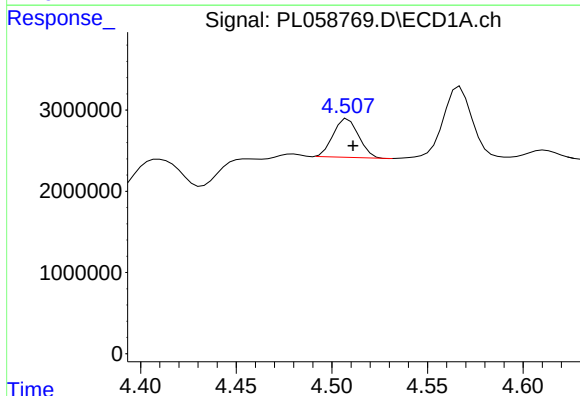
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



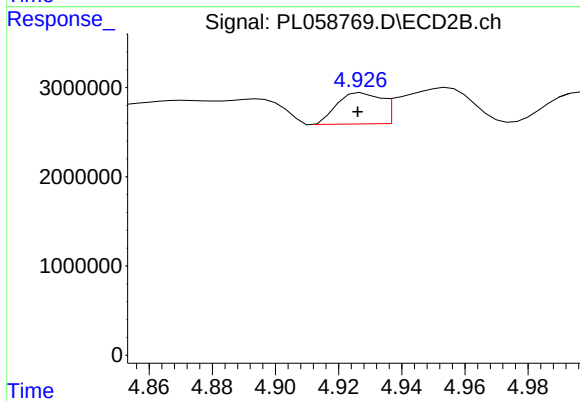
#5 Aldrin

R.T.: 5.580 min
Delta R.T.: -0.001 min
Response: 22751822
Conc: 9.14 ng/ml



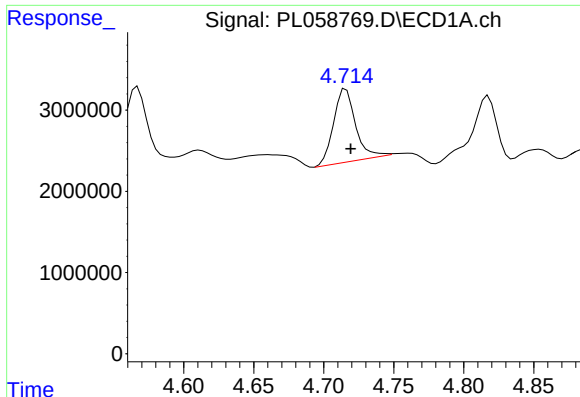
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 4419680
Conc: 4.99 ng/ml



#6 beta-BHC

R.T.: 4.928 min
Delta R.T.: 0.002 min
Response: 3380752
Conc: 2.55 ng/ml



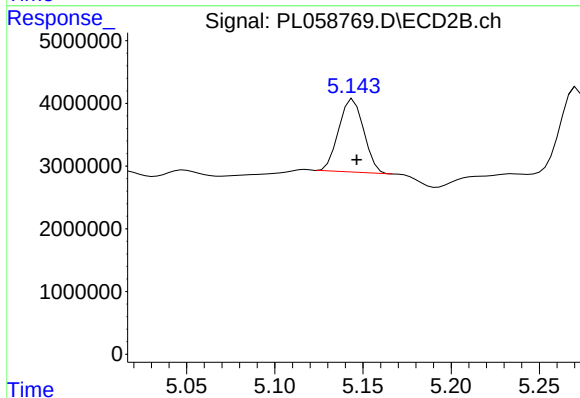
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: -0.005 min
Response: 9950287
Conc: 5.35 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

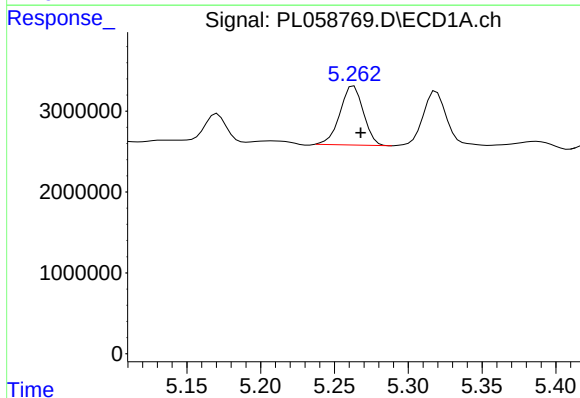
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



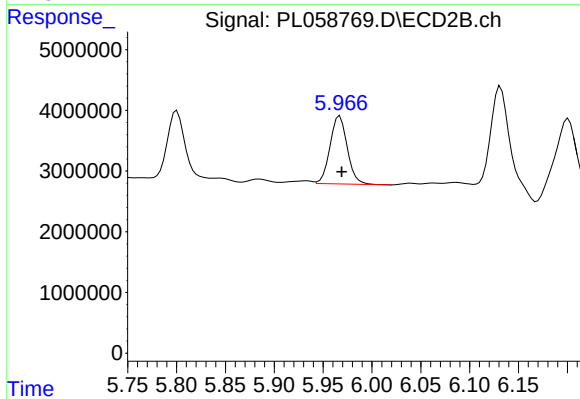
#7 delta-BHC

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 11444518
Conc: 4.03 ng/ml



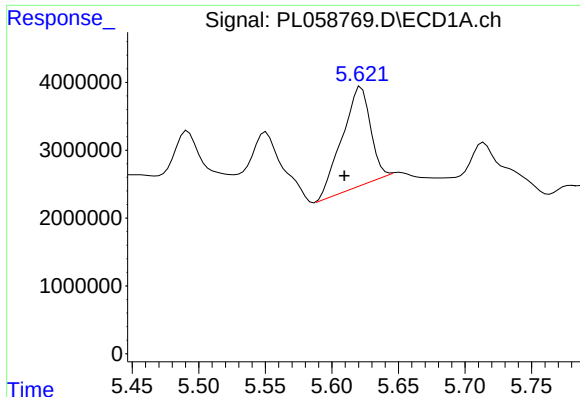
#8 Heptachlor epoxide

R.T.: 5.263 min
Delta R.T.: -0.005 min
Response: 8059382
Conc: 5.13 ng/ml



#8 Heptachlor epoxide

R.T.: 5.967 min
Delta R.T.: -0.002 min
Response: 13739035
Conc: 5.72 ng/ml



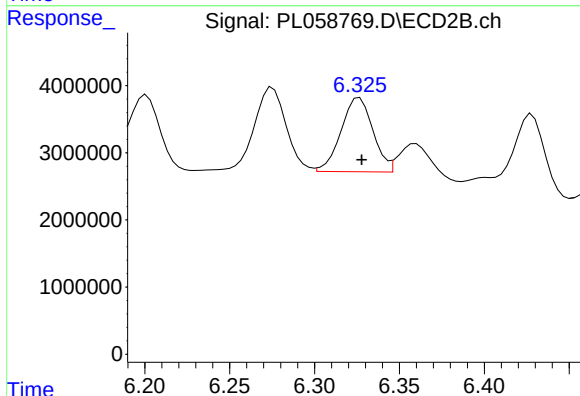
#9 Endosulfan I

R.T.: 5.622 min
Delta R.T.: 0.013 min
Response: 22261680
Conc: 15.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

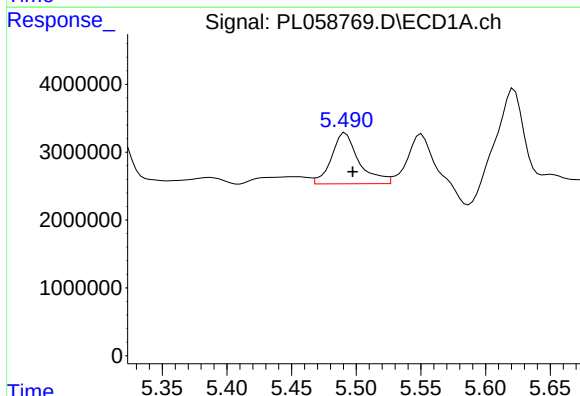
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



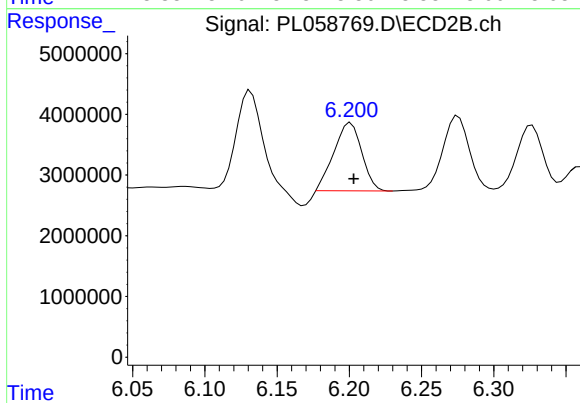
#9 Endosulfan I

R.T.: 6.327 min
Delta R.T.: -0.001 min
Response: 14436428
Conc: 6.71 ng/ml



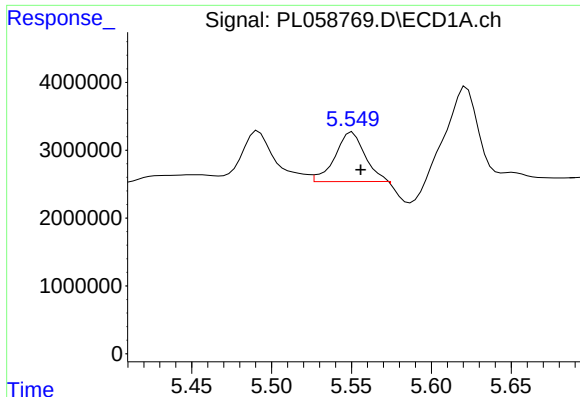
#10 gamma-Chlordane

R.T.: 5.492 min
Delta R.T.: -0.006 min
Response: 11130219
Conc: 7.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 14950152
Conc: 6.36 ng/ml m



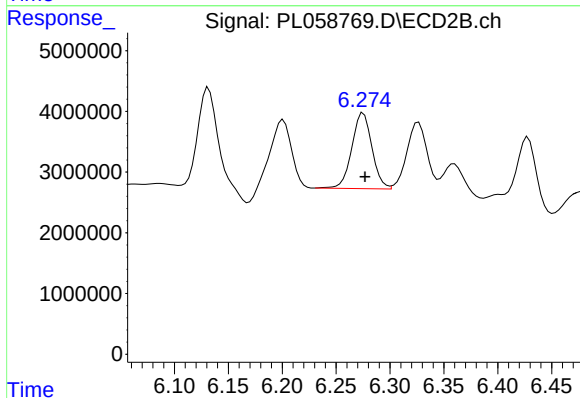
#11 alpha-Chlordane

R.T.: 5.551 min
Delta R.T.: -0.005 min
Response: 9478739
Conc: 6.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

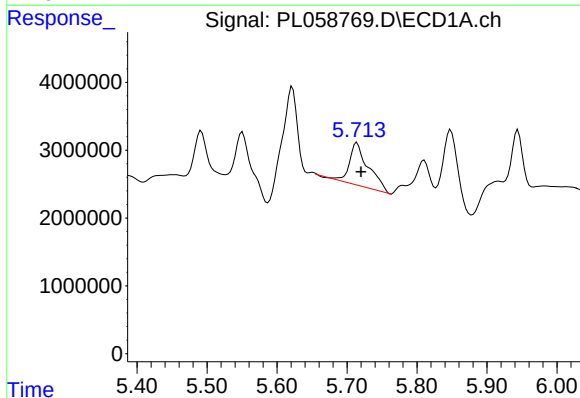
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



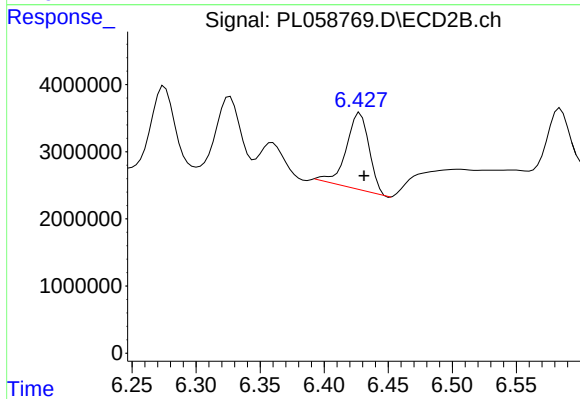
#11 alpha-Chlordane

R.T.: 6.275 min
Delta R.T.: -0.001 min
Response: 16236956
Conc: 6.93 ng/ml



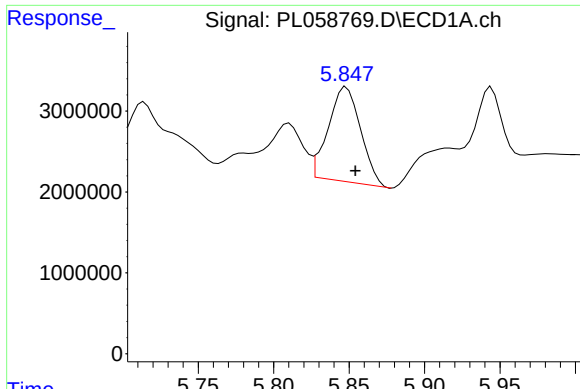
#12 4,4'-DDE

R.T.: 5.714 min
Delta R.T.: -0.006 min
Response: 11877895
Conc: 8.52 ng/ml



#12 4,4'-DDE

R.T.: 6.428 min
Delta R.T.: -0.003 min
Response: 14270506
Conc: 6.83 ng/ml



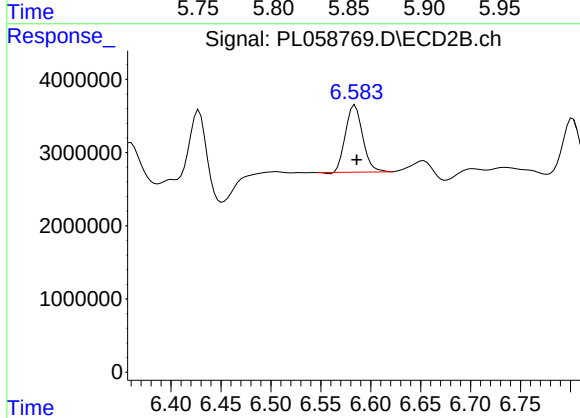
#13 Dieldrin

R.T.: 5.848 min
Delta R.T.: -0.006 min
Response: 16947588
Conc: 11.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

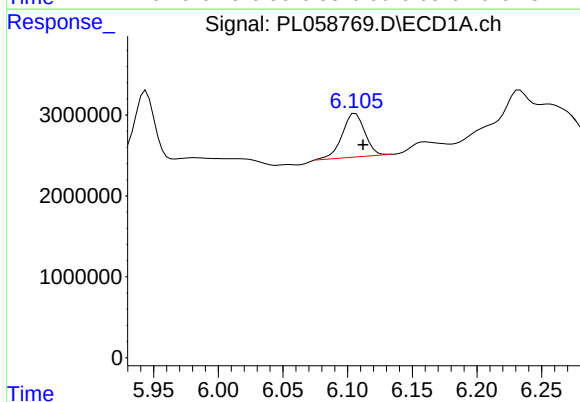
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



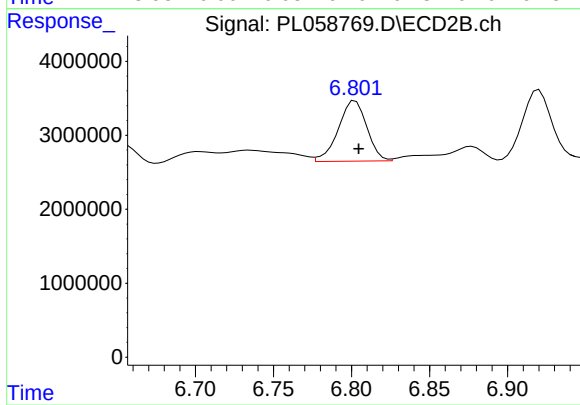
#13 Dieldrin

R.T.: 6.584 min
Delta R.T.: -0.002 min
Response: 10907203
Conc: 4.97 ng/ml



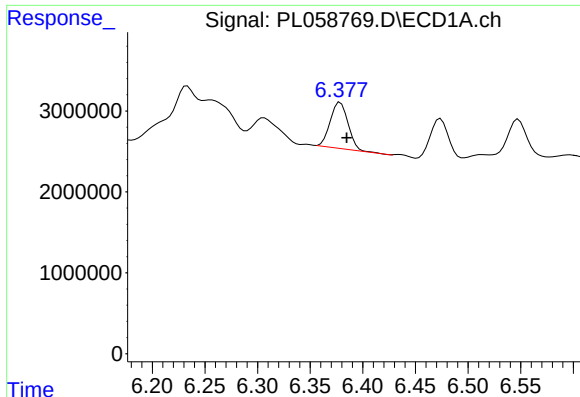
#14 Endrin

R.T.: 6.106 min
Delta R.T.: -0.006 min
Response: 6559055
Conc: 5.05 ng/ml



#14 Endrin

R.T.: 6.802 min
Delta R.T.: -0.002 min
Response: 10402460
Conc: 5.74 ng/ml



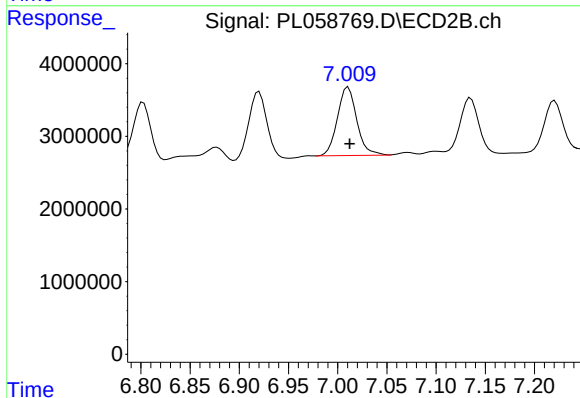
#15 Endosulfan II

R.T.: 6.379 min
Delta R.T.: -0.006 min
Response: 6769230
Conc: 4.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

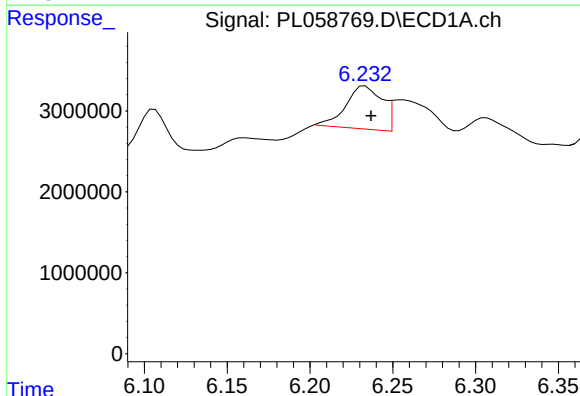
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



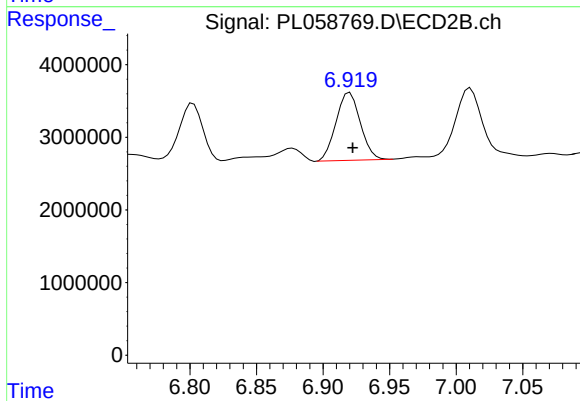
#15 Endosulfan II

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 12951555
Conc: 6.49 ng/ml



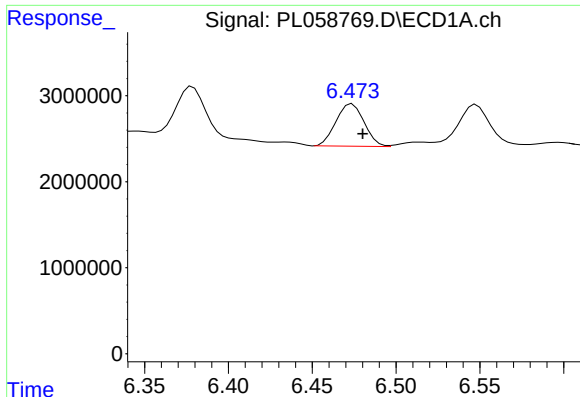
#16 4,4'-DDD

R.T.: 6.233 min
Delta R.T.: -0.004 min
Response: 8097105
Conc: 6.87 ng/ml



#16 4,4'-DDD

R.T.: 6.920 min
Delta R.T.: -0.002 min
Response: 11826143
Conc: 6.76 ng/ml



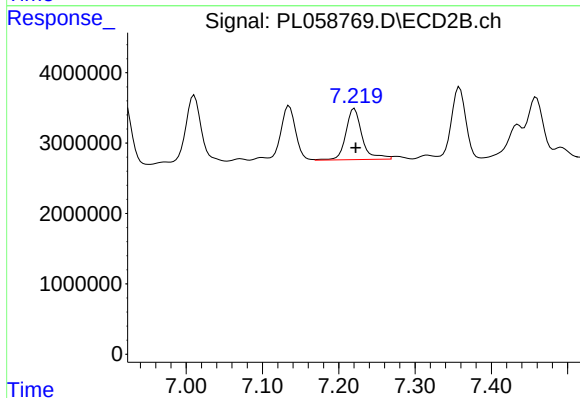
#17 4,4'-DDT

R.T.: 6.474 min
Delta R.T.: -0.006 min
Response: 5755491
Conc: 4.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

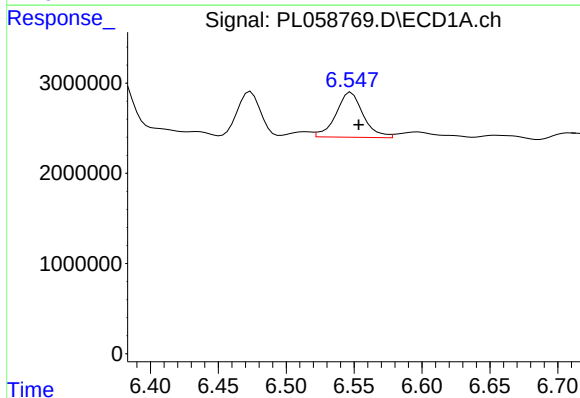
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



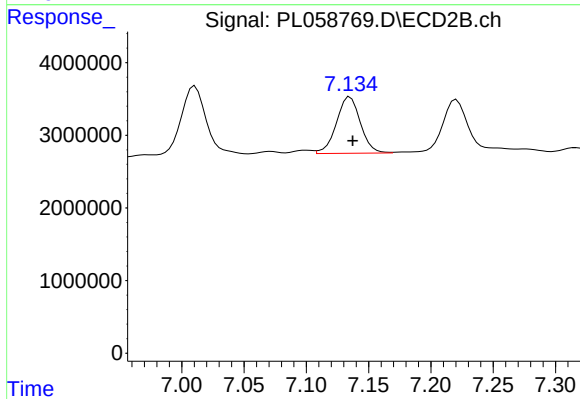
#17 4,4'-DDT

R.T.: 7.221 min
Delta R.T.: -0.002 min
Response: 10833504
Conc: 6.40 ng/ml



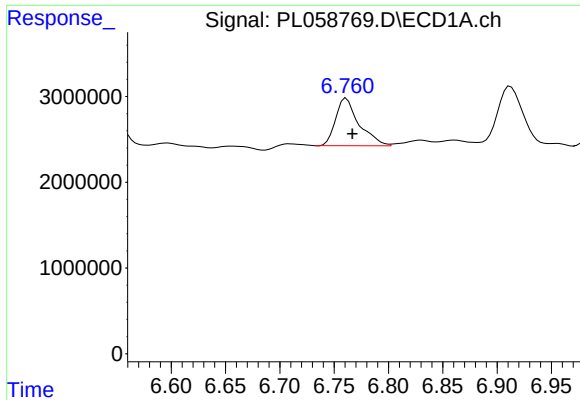
#18 Endrin aldehyde

R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 6967745
Conc: 5.94 ng/ml



#18 Endrin aldehyde

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 10417218
Conc: 6.10 ng/ml



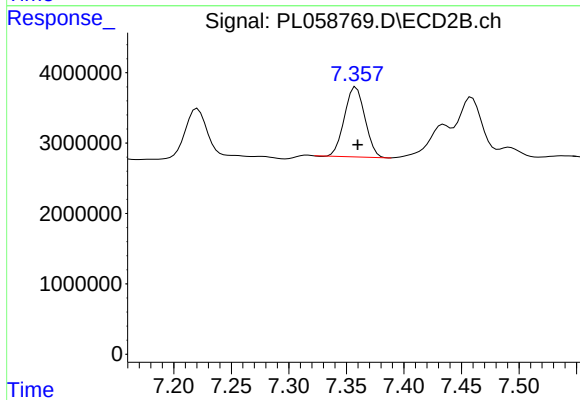
#19 Endosulfan Sulfate

R.T.: 6.761 min
Delta R.T.: -0.006 min
Response: 8269344
Conc: 6.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

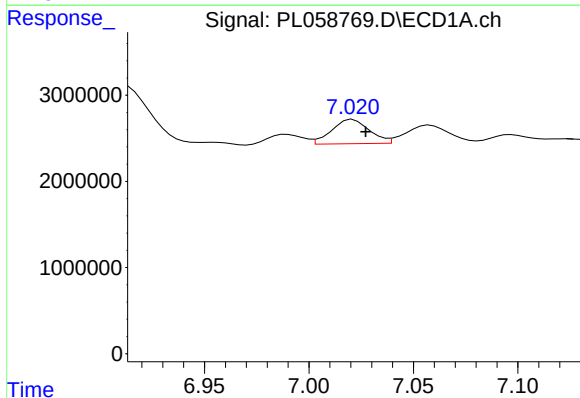
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



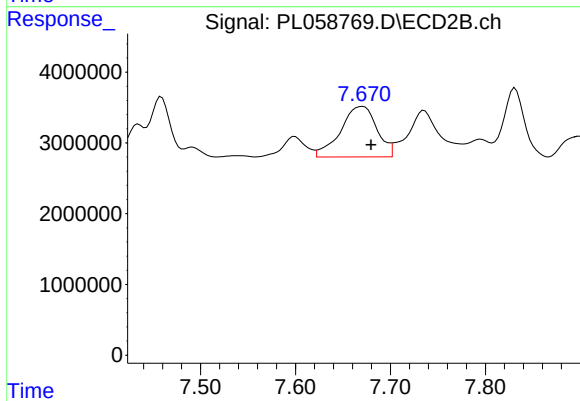
#19 Endosulfan Sulfate

R.T.: 7.358 min
Delta R.T.: -0.002 min
Response: 12339888
Conc: 6.59 ng/ml



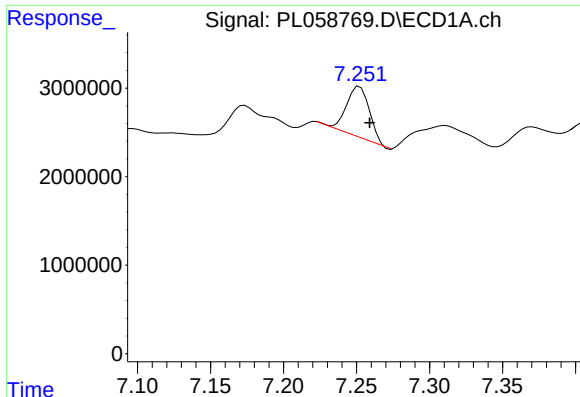
#20 Methoxychlor

R.T.: 7.021 min
Delta R.T.: -0.006 min
Response: 3534370
Conc: 5.44 ng/ml



#20 Methoxychlor

R.T.: 7.671 min
Delta R.T.: -0.009 min
Response: 19042207
Conc: 19.39 ng/ml



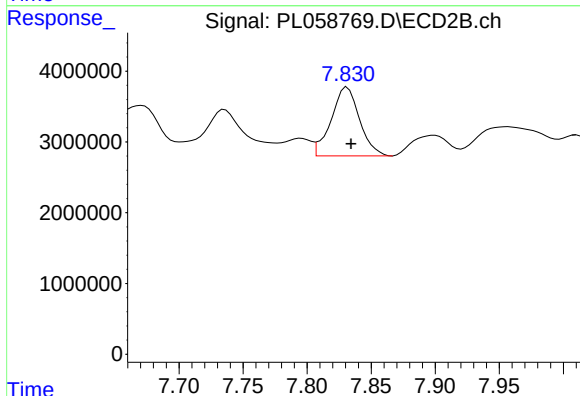
#21 Endrin ketone

R.T.: 7.252 min
Delta R.T.: -0.007 min
Response: 6343936
Conc: 4.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

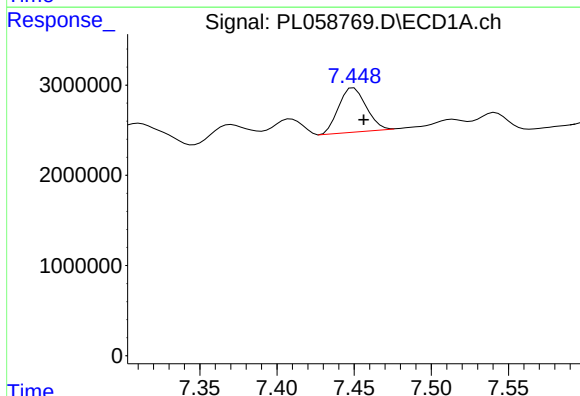
Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



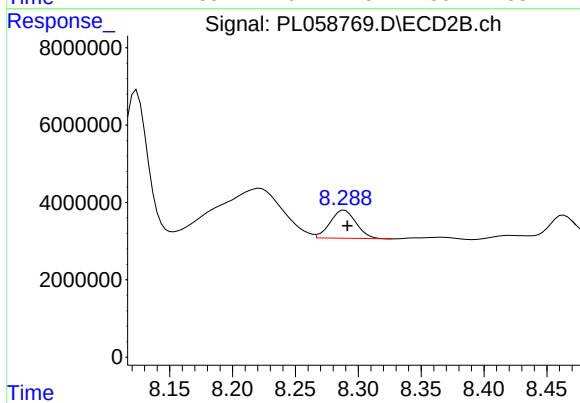
#21 Endrin ketone

R.T.: 7.831 min
Delta R.T.: -0.003 min
Response: 15004027
Conc: 7.45 ng/ml



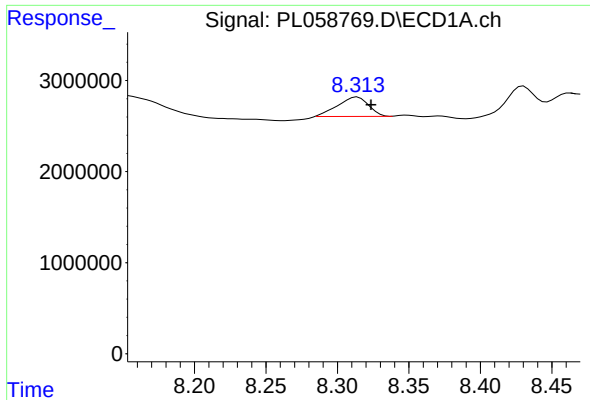
#22 Mirex

R.T.: 7.448 min
Delta R.T.: -0.008 min
Response: 6175528
Conc: 5.05 ng/ml m



#22 Mirex

R.T.: 8.289 min
Delta R.T.: -0.002 min
Response: 10435421
Conc: 6.64 ng/ml



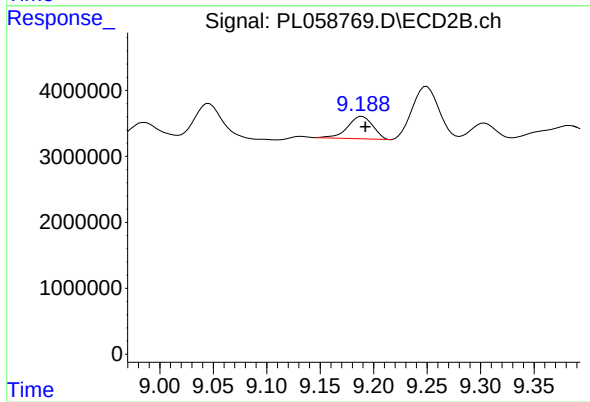
#28 Decachlorobiphenyl

R.T.: 8.314 min
Delta R.T.: -0.010 min
Response: 3203509
Conc: 2.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PS-STOCK-4MS

Manual Integrations
APPROVED

mohammad
5/21/2020 8:30:09 AM



#28 Decachlorobiphenyl

R.T.: 9.189 min
Delta R.T.: -0.003 min
Response: 5560996
Conc: 3.15 ng/ml