

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051320\
 Data File : PD057925.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2020 10:27
 Operator : AJ\MA
 Sample : L2502-01MS 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-01-050820MS

Manual Integrations
 APPROVED

mohammad
 5/15/2020 8:42:30 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 15:59:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051220.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 12:00:03 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.228	3.895	2190131	2499468	2.528	2.125
28)	SA Decachlor...	7.871	8.897	2400012	11998228	2.664	10.529 #
Target Compounds							
2)	A alpha-BHC	3.651	4.278	5362224	7718920	3.961	4.310
3)	MA gamma-BHC...	3.925	4.559	14819779	9007190	10.726	5.257 #
4)	MA Heptachlor	4.203	5.060	5561576	7702924	4.935	4.613
5)	MB Aldrin	4.431	5.361	5191296	6662621	4.448	4.205
6)	B beta-BHC	4.172	4.732	3053763	5482516	5.869	7.473 #
7)	B delta-BHC	4.363	4.942	7875972	3664181	6.195	2.358 #
8)	B Heptachlo...	4.873	5.744	4734718	7725185	4.330	5.030
9)	A Endosulfan I	5.201	6.098	2678556	9627630	2.614	6.866 #
10)	B gamma-Chl...	5.093	5.972	7609618	15872171	6.799	10.344 #
11)	B alpha-Chl...	5.149	6.050	6488439	13426624	5.818	8.737 #
12)	B 4,4'-DDE	5.318	6.204	8380260	5958615	7.969	4.283 #
13)	MA Dieldrin	5.442	6.354	16637105	4122596	15.113	2.815 #
14)	MA Endrin	5.689	6.569	5978050	5600664	6.147	4.426 #
15)	B Endosulfa...	5.964	6.778	6050809	9470986	6.171	7.304
16)	A 4,4'-DDD	5.827	6.693	4178888	9945739	4.909	8.408 #
17)	MA 4,4'-DDT	6.059	6.992	2357137	5695623	2.886	4.844 #
18)	B Endrin al...	6.131	6.901	3049720	6538891	3.697	5.835 #
19)	B Endosulfa...	6.342	7.124	4712551	8965313	5.100	7.244 #
20)	A Methoxychlor	6.611	7.455	1471463	4224444	3.570m	6.137m#
21)	B Endrin ke...	6.821	7.591	6170461	8461933	5.423	6.033
22)	Mirex	6.994	8.042	5791857	4729809	6.533	4.436 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051320\
Data File : PD057925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2020 10:27
Operator : AJ\MA
Sample : L2502-01MS 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

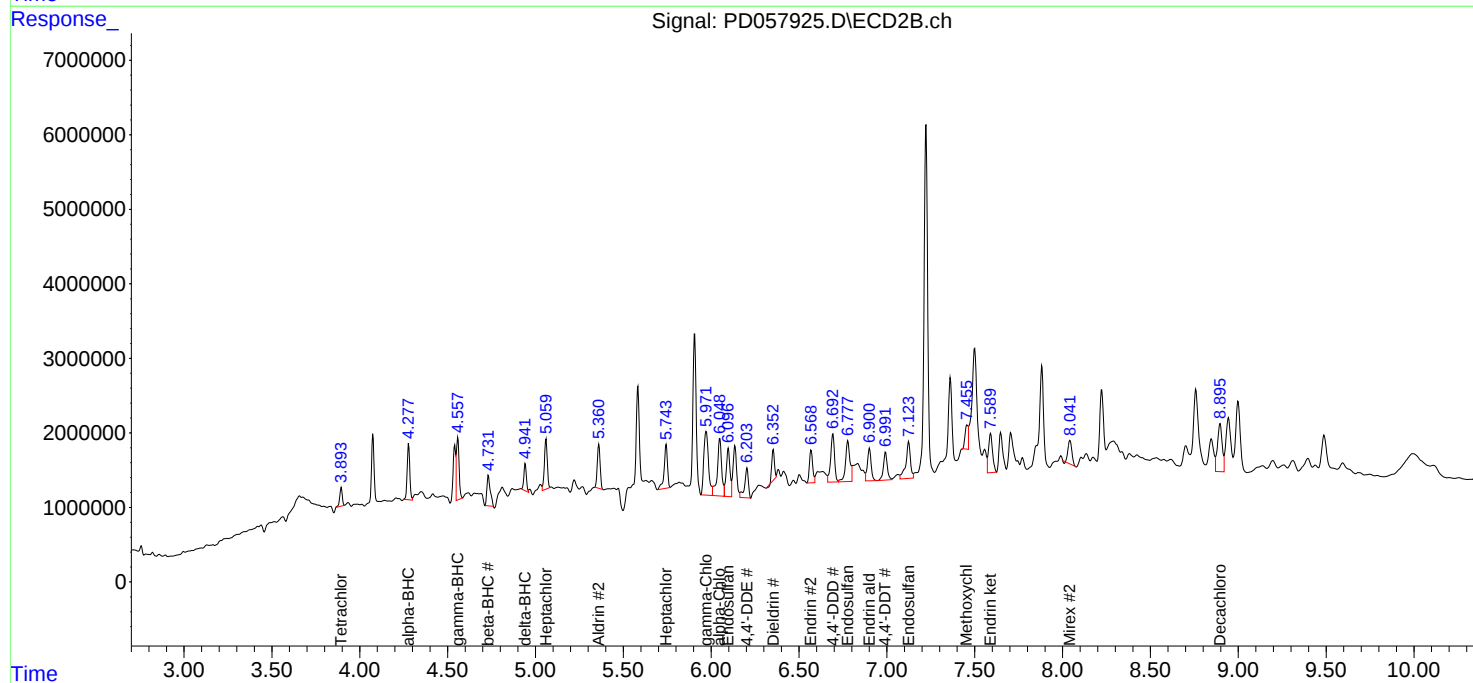
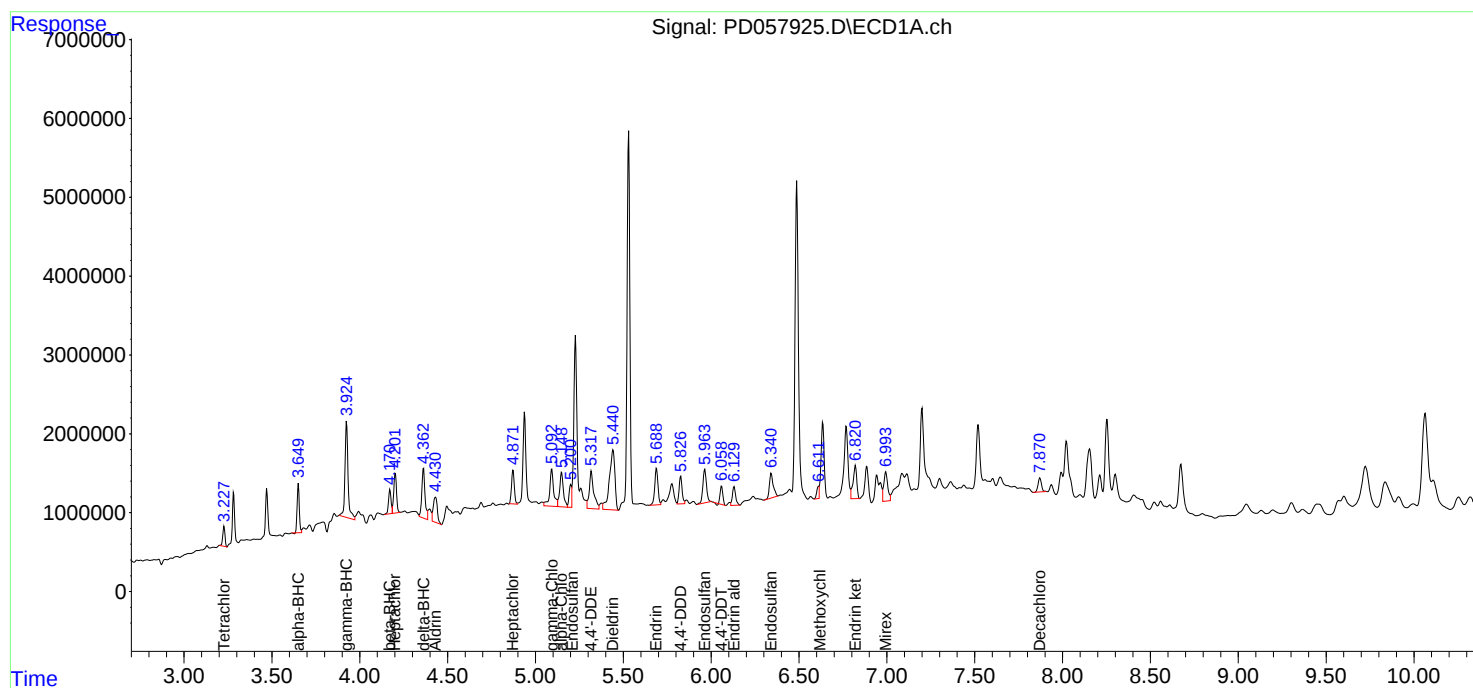
Instrument :
ECD_D
ClientSampleID :
PL-01-050820MS

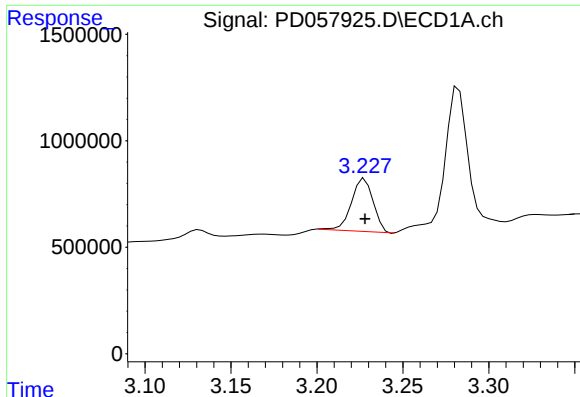
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 15:59:33 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051220.M
Quant Title : GC Extractables
QLast Update : Tue May 12 12:00:03 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





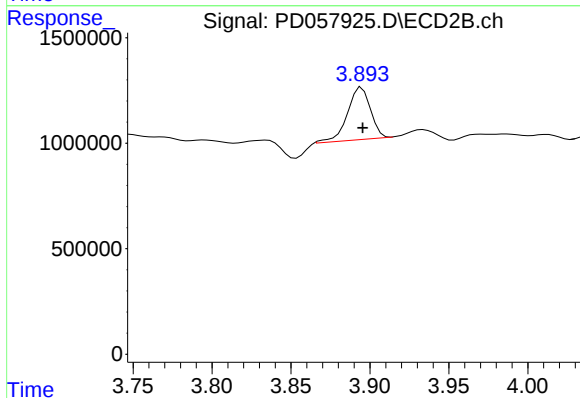
#1 Tetrachloro-m-xylene

R.T.: 3.228 min
Delta R.T.: 0.000 min
Response: 2190131
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

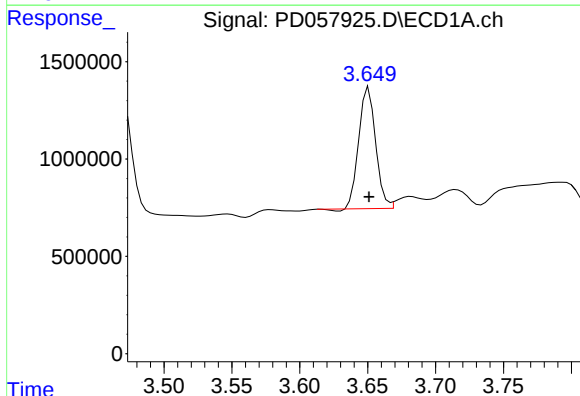
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



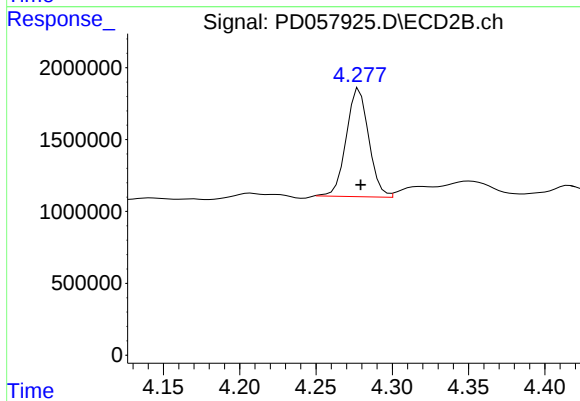
#1 Tetrachloro-m-xylene

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 2499468
Conc: 2.12 ng/ml



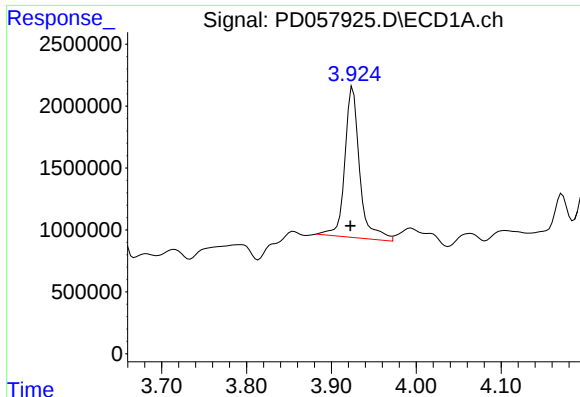
#2 alpha-BHC

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 5362224
Conc: 3.96 ng/ml



#2 alpha-BHC

R.T.: 4.278 min
Delta R.T.: 0.000 min
Response: 7718920
Conc: 4.31 ng/ml



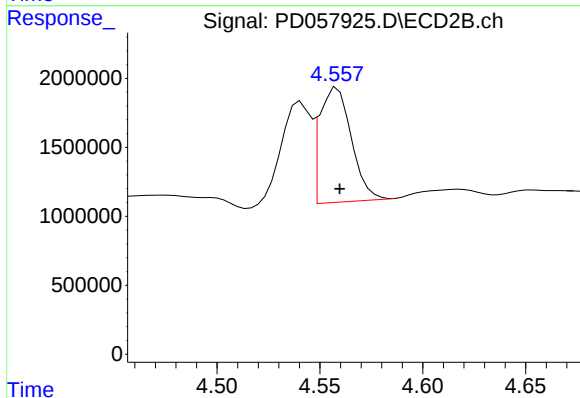
#3 gamma-BHC (Lindane)

R.T.: 3.925 min
Delta R.T.: 0.003 min
Response: 14819779
Conc: 10.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

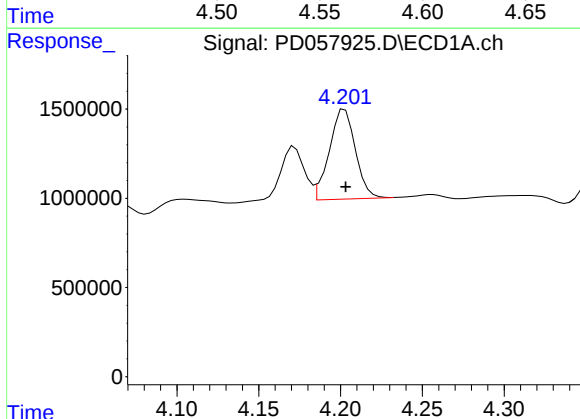
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



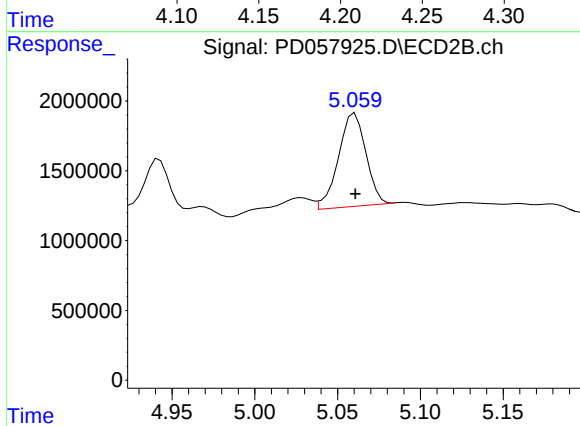
#3 gamma-BHC (Lindane)

R.T.: 4.559 min
Delta R.T.: -0.001 min
Response: 9007190
Conc: 5.26 ng/ml



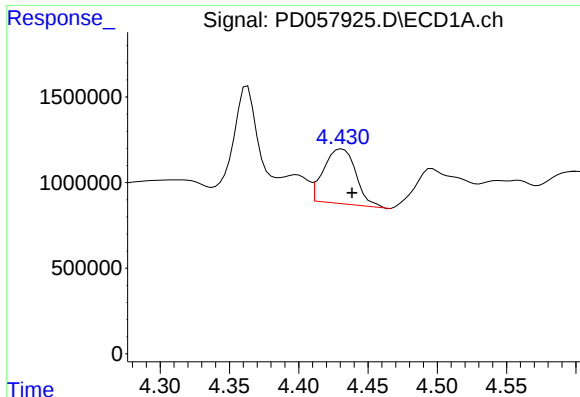
#4 Heptachlor

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 5561576
Conc: 4.93 ng/ml



#4 Heptachlor

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 7702924
Conc: 4.61 ng/ml



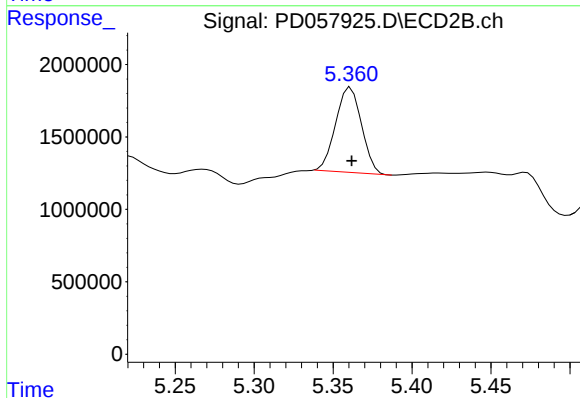
#5 Aldrin

R.T.: 4.431 min
Delta R.T.: -0.007 min
Response: 5191296
Conc: 4.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

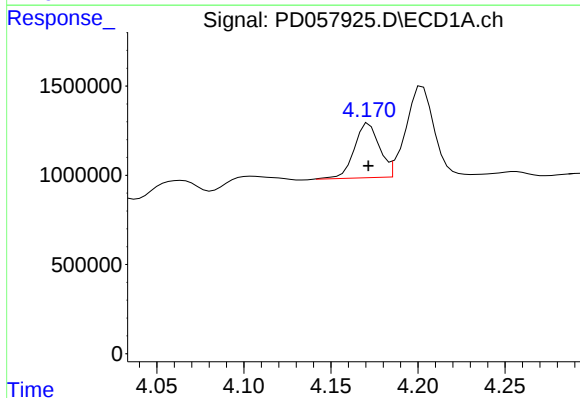
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



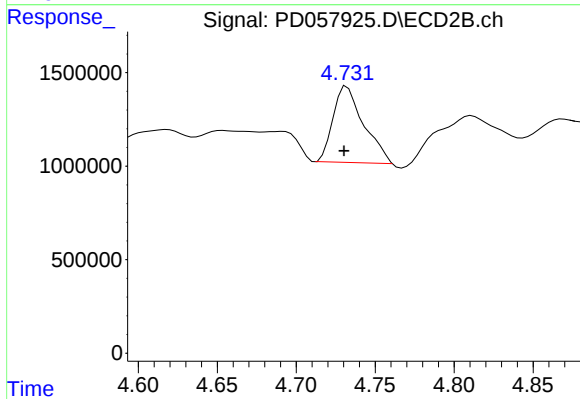
#5 Aldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 6662621
Conc: 4.21 ng/ml



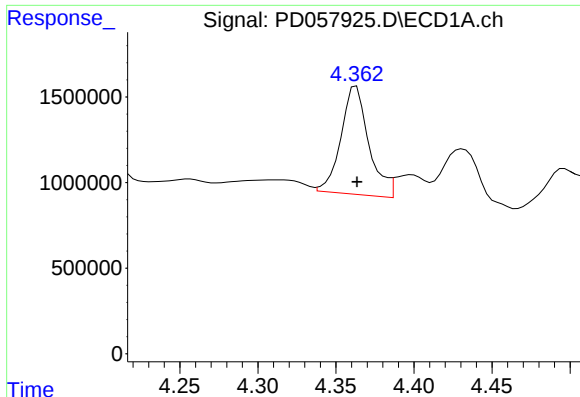
#6 beta-BHC

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 3053763
Conc: 5.87 ng/ml



#6 beta-BHC

R.T.: 4.732 min
Delta R.T.: 0.002 min
Response: 5482516
Conc: 7.47 ng/ml



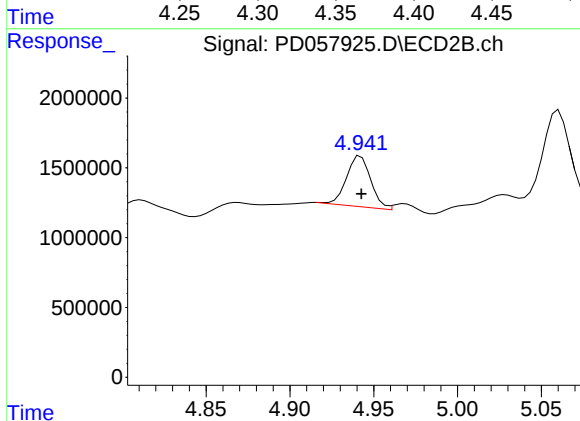
#7 delta-BHC

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 7875972
Conc: 6.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

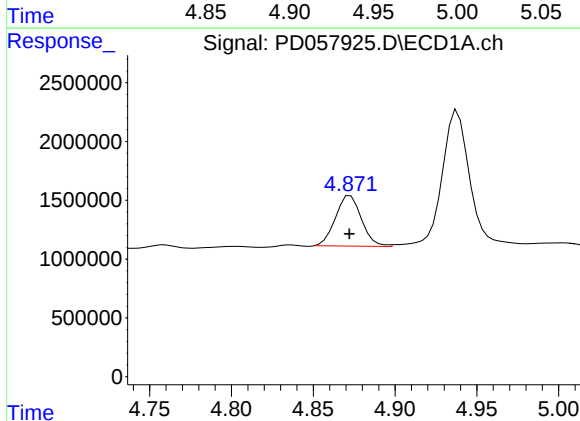
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



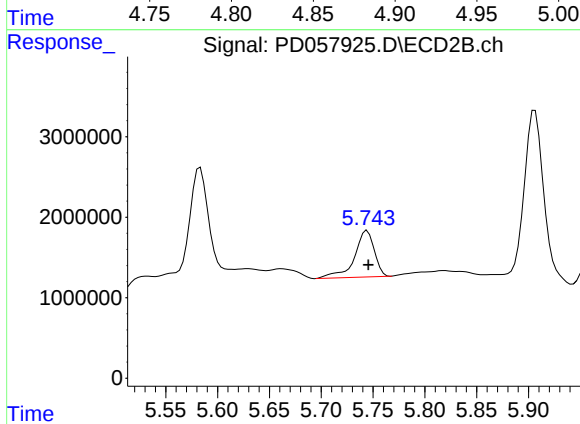
#7 delta-BHC

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 3664181
Conc: 2.36 ng/ml



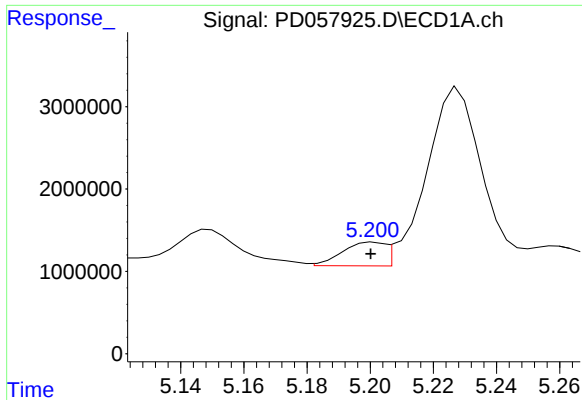
#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 4734718
Conc: 4.33 ng/ml



#8 Heptachlor epoxide

R.T.: 5.744 min
Delta R.T.: -0.001 min
Response: 7725185
Conc: 5.03 ng/ml



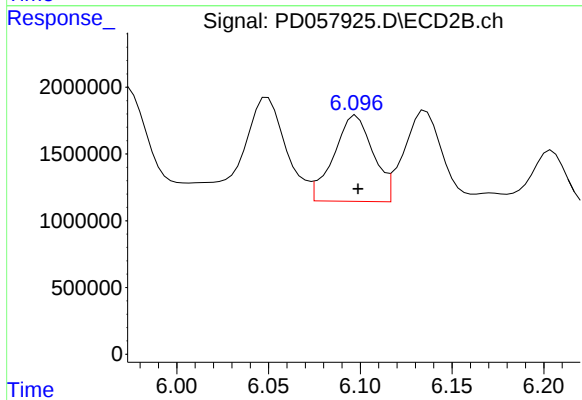
#9 Endosulfan I

R.T.: 5.201 min
Delta R.T.: 0.001 min
Response: 2678556
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

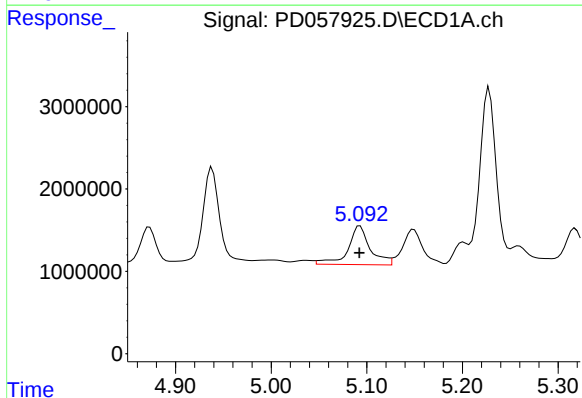
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



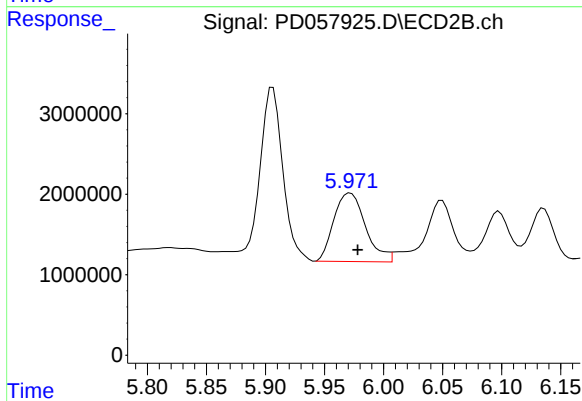
#9 Endosulfan I

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 9627630
Conc: 6.87 ng/ml



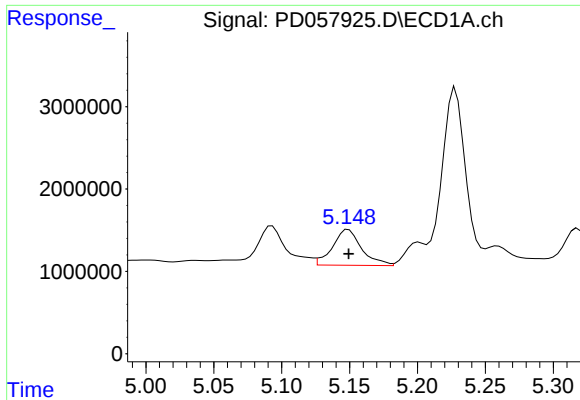
#10 gamma-Chlordane

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 7609618
Conc: 6.80 ng/ml



#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.006 min
Response: 15872171
Conc: 10.34 ng/ml



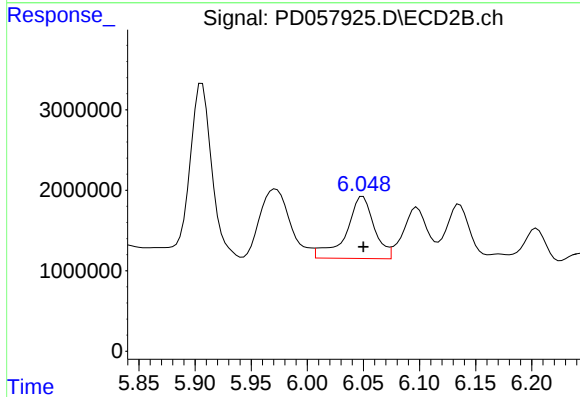
#11 alpha-Chlordane

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 6488439
Conc: 5.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

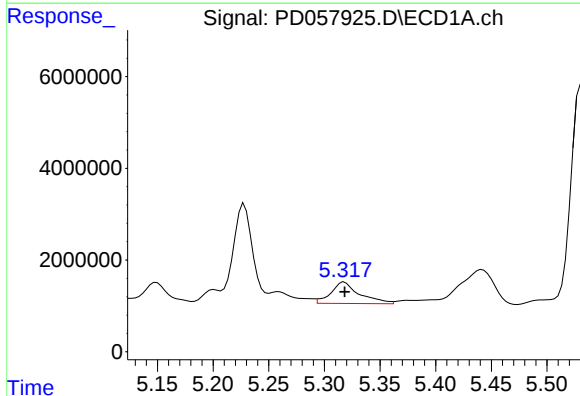
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



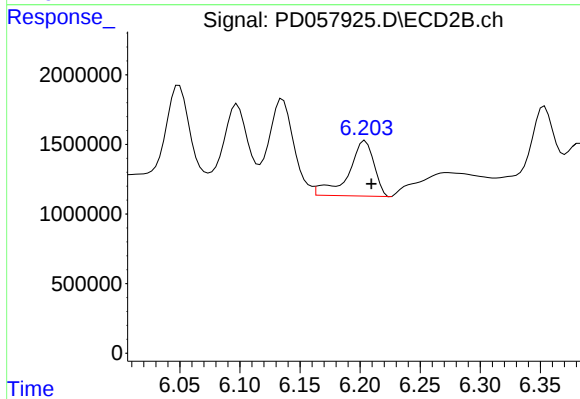
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 13426624
Conc: 8.74 ng/ml



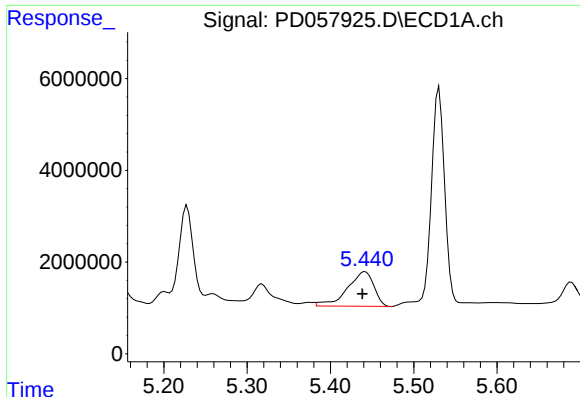
#12 4,4'-DDE

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 8380260
Conc: 7.97 ng/ml



#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: -0.005 min
Response: 5958615
Conc: 4.28 ng/ml



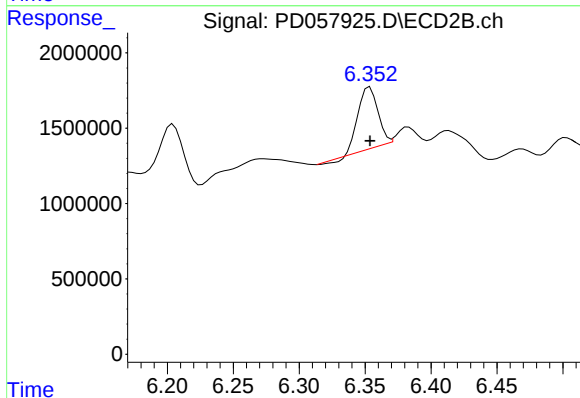
#13 Dieldrin

R.T.: 5.442 min
Delta R.T.: 0.003 min
Response: 16637105
Conc: 15.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

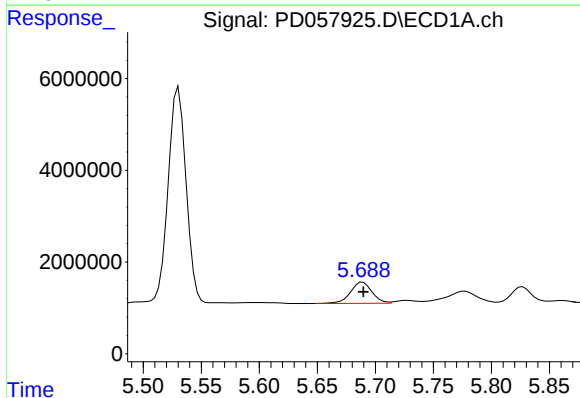
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



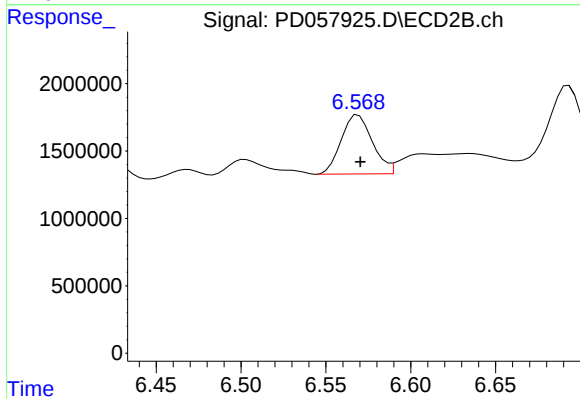
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 4122596
Conc: 2.81 ng/ml



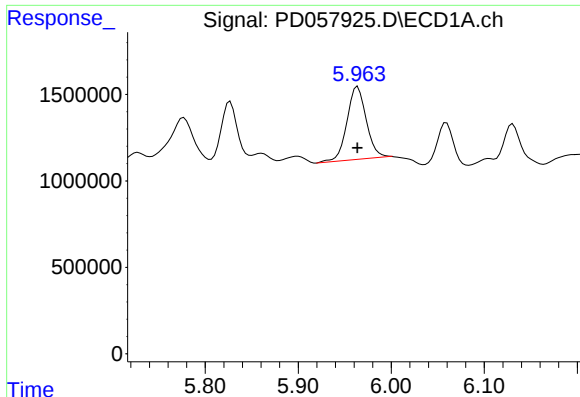
#14 Endrin

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 5978050
Conc: 6.15 ng/ml



#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.001 min
Response: 5600664
Conc: 4.43 ng/ml



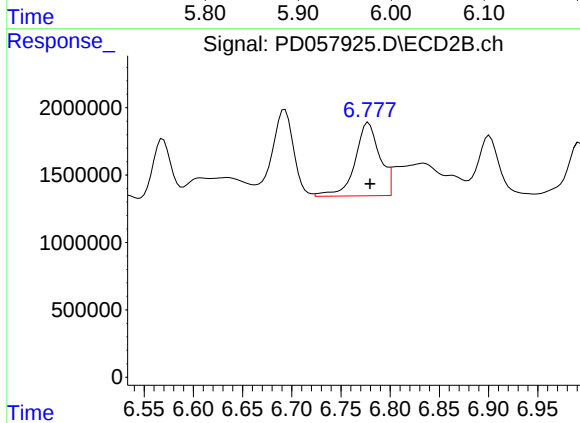
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 6050809
Conc: 6.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

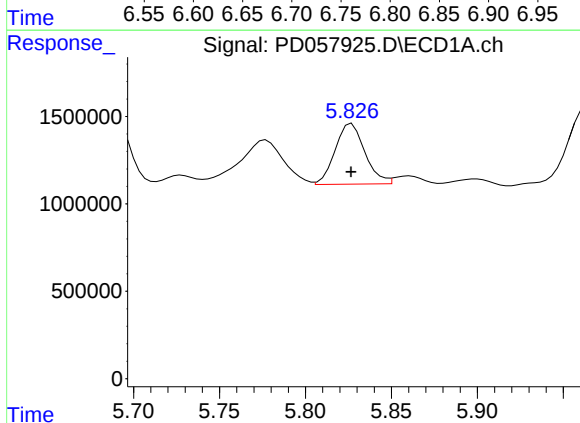
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



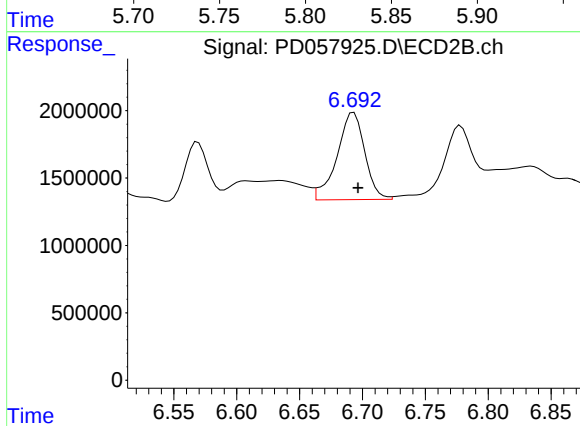
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: -0.002 min
Response: 9470986
Conc: 7.30 ng/ml



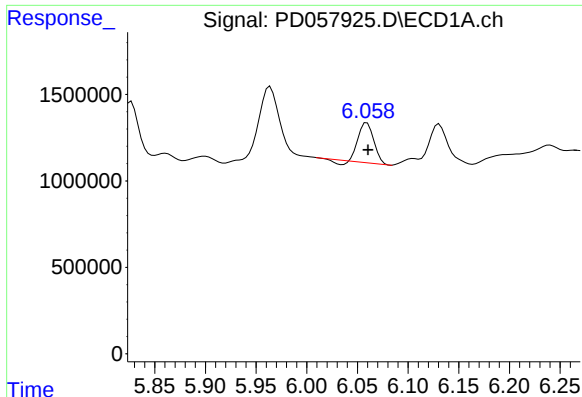
#16 4,4'-DDD

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 4178888
Conc: 4.91 ng/ml



#16 4,4'-DDD

R.T.: 6.693 min
Delta R.T.: -0.004 min
Response: 9945739
Conc: 8.41 ng/ml



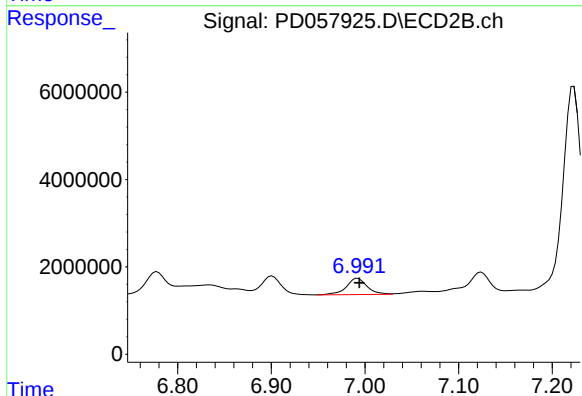
#17 4,4'-DDT

R.T.: 6.059 min
Delta R.T.: -0.001 min
Response: 2357137
Conc: 2.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

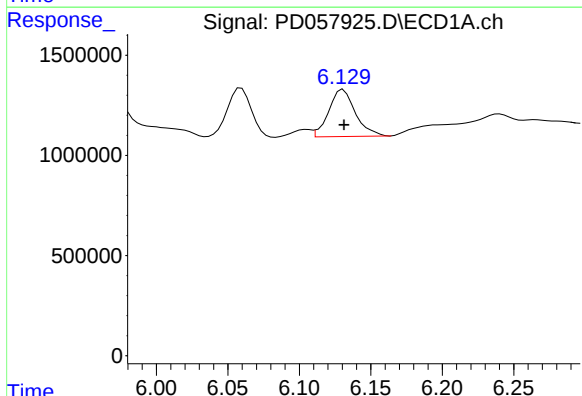
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



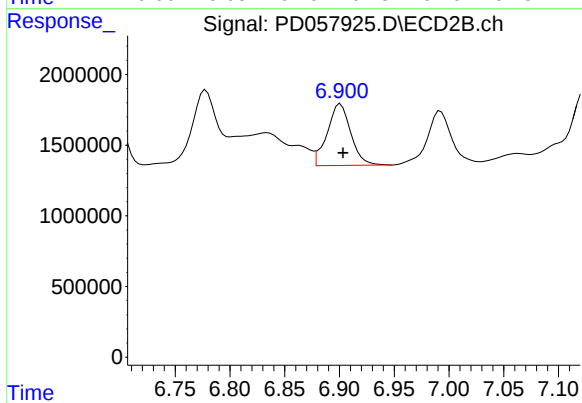
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: -0.002 min
Response: 5695623
Conc: 4.84 ng/ml



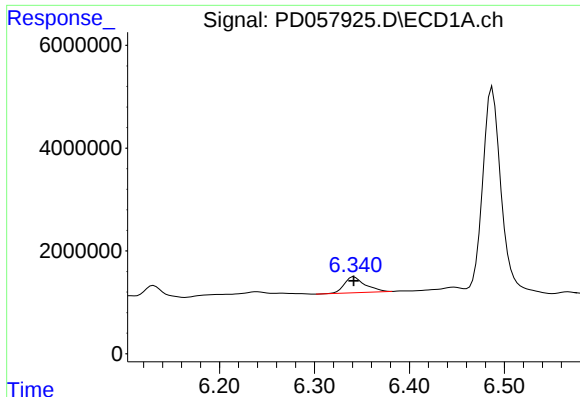
#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 3049720
Conc: 3.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.901 min
Delta R.T.: -0.002 min
Response: 6538891
Conc: 5.84 ng/ml



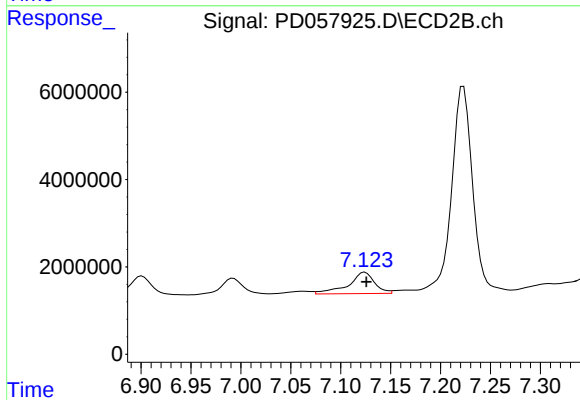
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 4712551
Conc: 5.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

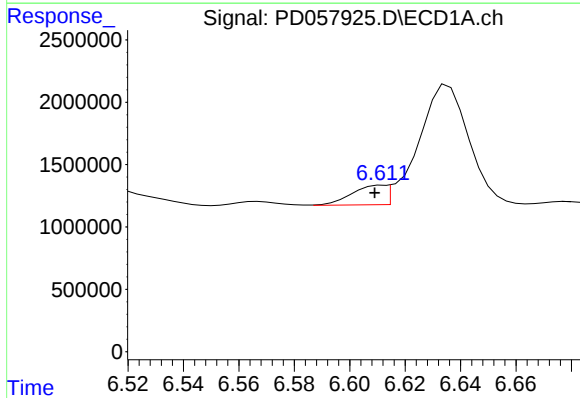
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



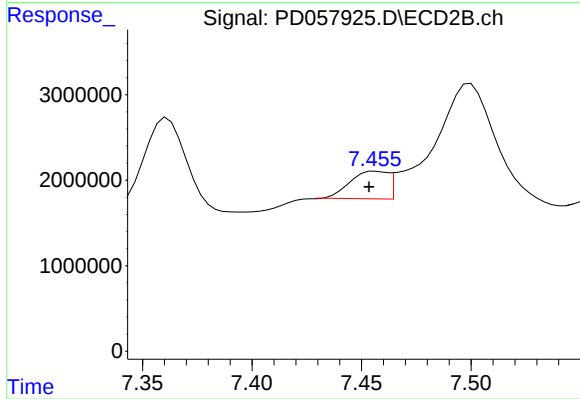
#19 Endosulfan Sulfate

R.T.: 7.124 min
Delta R.T.: -0.001 min
Response: 8965313
Conc: 7.24 ng/ml



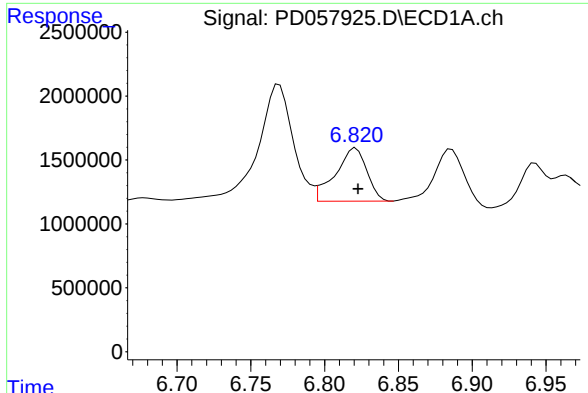
#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.002 min
Response: 1471463
Conc: 3.57 ng/ml m



#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: 0.001 min
Response: 4224444
Conc: 6.14 ng/ml m



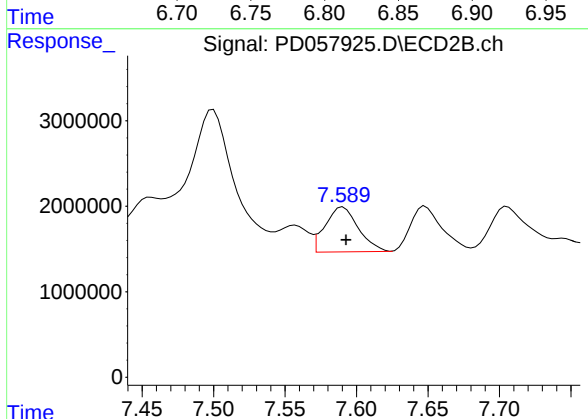
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: -0.002 min
Response: 6170461
Conc: 5.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

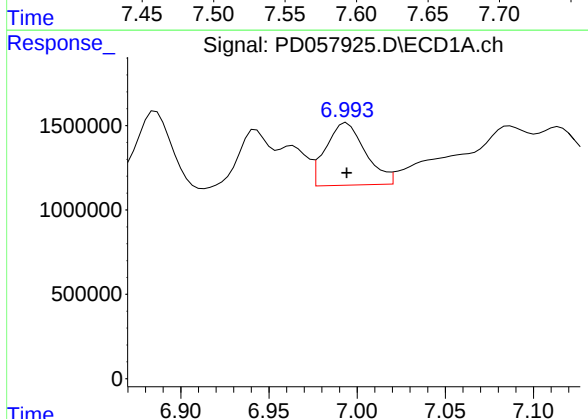
Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



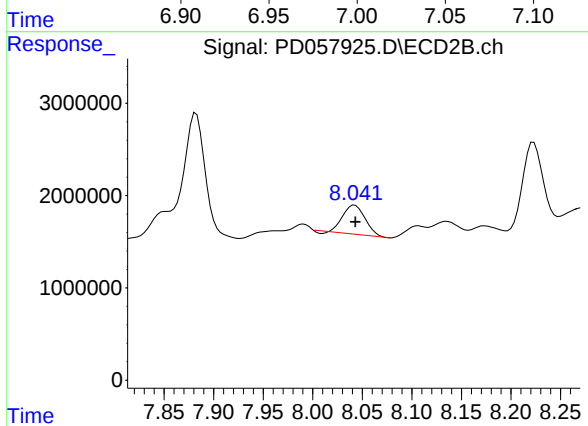
#21 Endrin ketone

R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 8461933
Conc: 6.03 ng/ml



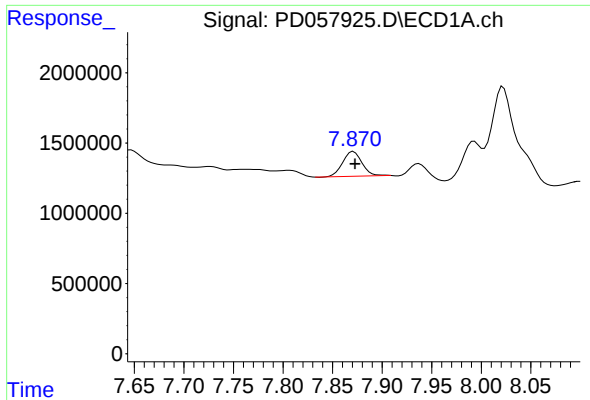
#22 Mirex

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 5791857
Conc: 6.53 ng/ml



#22 Mirex

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 4729809
Conc: 4.44 ng/ml



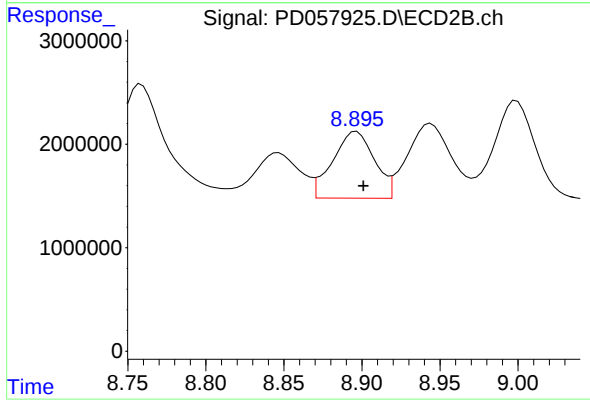
#28 Decachlorobiphenyl

R.T.: 7.871 min
Delta R.T.: -0.002 min
Response: 2400012
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MS

Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:30 AM



#28 Decachlorobiphenyl

R.T.: 8.897 min
Delta R.T.: -0.004 min
Response: 11998228
Conc: 10.53 ng/ml