

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
 Data File : PD074625.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 19:41
 Operator : AR\AJ
 Sample : 02213-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:06:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.770	44662567	23776420	19.147	19.537
28)	SA Decachlor...	9.091	7.920	58712852	25979012	21.952	21.174
Target Compounds							
2)	A alpha-BHC	4.005	3.273	16339745	7988747	4.211	4.299
3)	MA gamma-BHC...	4.338	3.603	16786354	8009154	4.785	4.675
4)	MA Heptachlor	4.930	3.945	17019633	8079129	4.967	4.736
5)	MB Aldrin	5.273	4.225	17301699	8106649	5.138	4.805
6)	B beta-BHC	4.533	3.899	8173062	3945008	5.530	5.225
7)	B delta-BHC	4.781	4.129	16085018	7796926	5.861	4.581
8)	B Heptachlo...	5.698	4.727	15215903	7713864	5.410m	5.025
9)	A Endosulfan I	6.087	5.098	15362414	7146378	5.403	4.966
10)	B gamma-Chl...	5.957	4.978	15979468	7691066	5.324	4.953
11)	B alpha-Chl...	6.036	5.043	16551305	7825841	5.488	5.082
12)	B 4,4'-DDE	6.208	5.232	14059573	6610553	5.099	4.685
13)	MA Dieldrin	6.363	5.363	15766631	7400469	5.345	4.922
14)	MA Endrin	6.594	5.637	13517386	6751737	5.439	5.166m
15)	B Endosulfa...	6.810	5.932	15187805	7090215	5.896m	5.635
16)	A 4,4'-DDD	6.727	5.786	12040695	5670143	5.368	4.857
17)	MA 4,4'-DDT	7.042	6.038	13075670	5765294	5.130	4.695
18)	B Endrin al...	6.942	6.112	12644918	6122043	6.326	6.028
19)	B Endosulfa...	7.177	6.335	14295972	6716669	5.790	5.502
20)	A Methoxychlor	7.517	6.614	8623445	3734937	6.163	5.520
21)	B Endrin ke...	7.664	6.841	16485835	7899244	5.922	5.355
22)	Mirex	8.140	7.025	13361524	6545241	6.292	5.762

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
 Data File : PD074625.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 19:41
 Operator : AR\AJ
 Sample : 02213-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 12 Sample Multiplier: 1

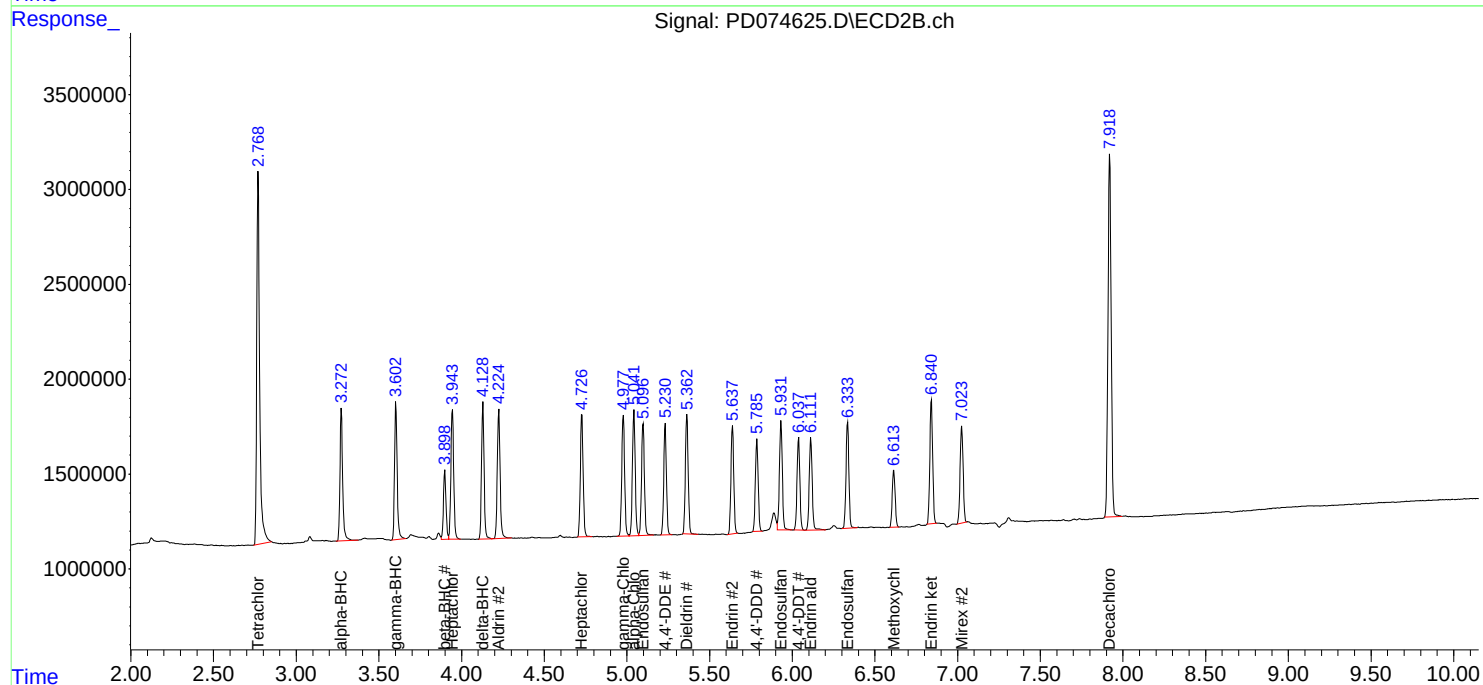
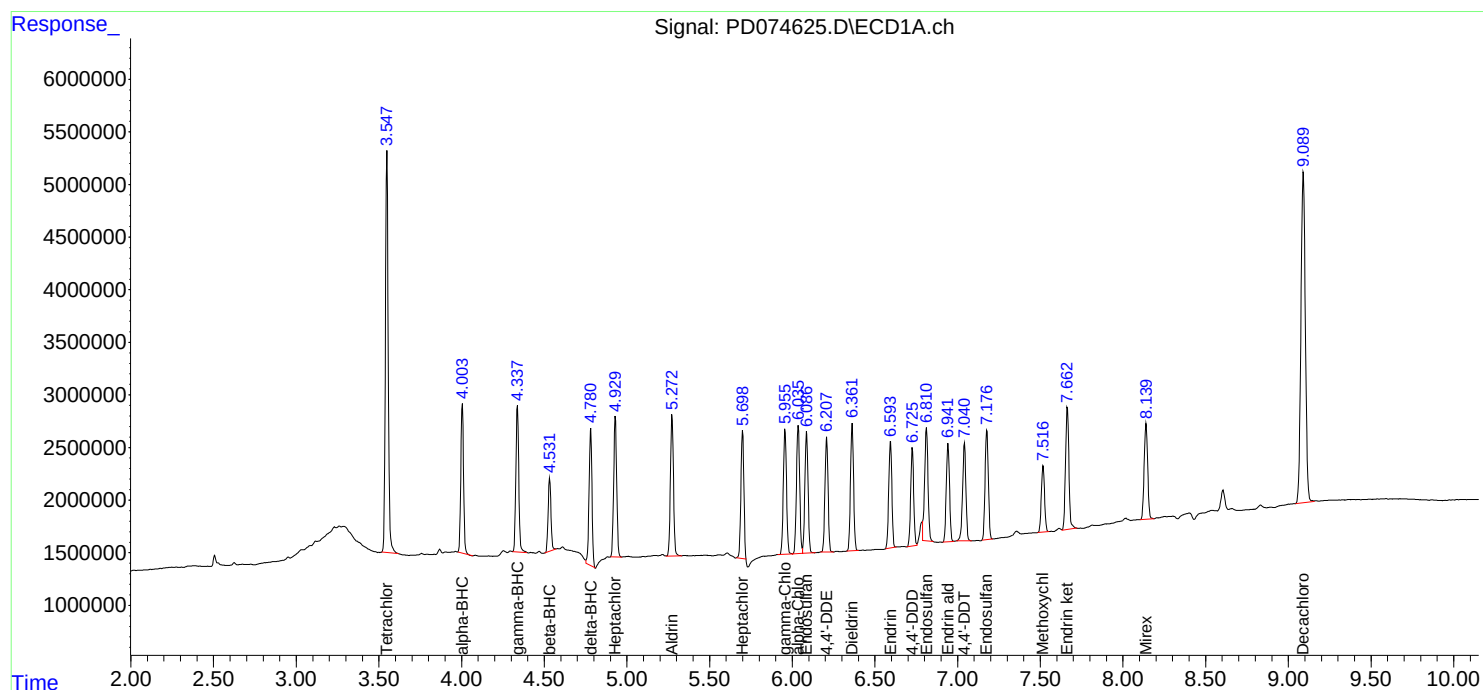
Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

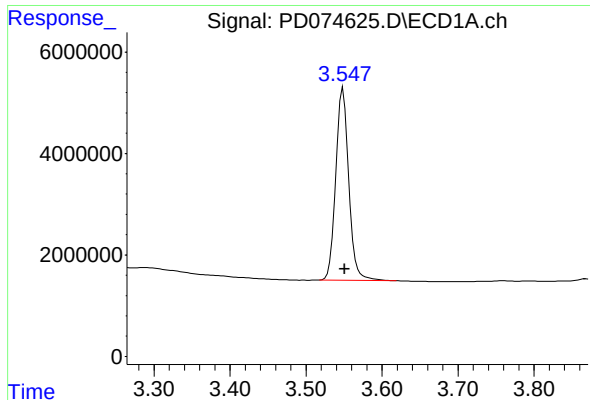
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 04/10/2023
 Supervised By : Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:06:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





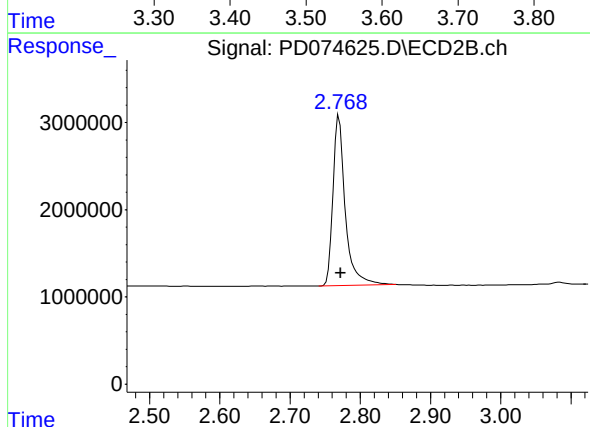
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 44662567
Conc: 19.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

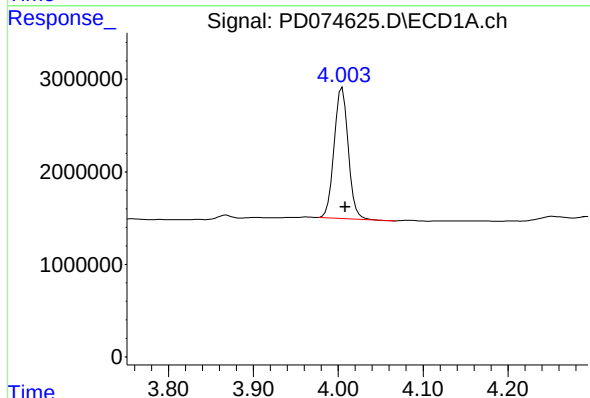
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



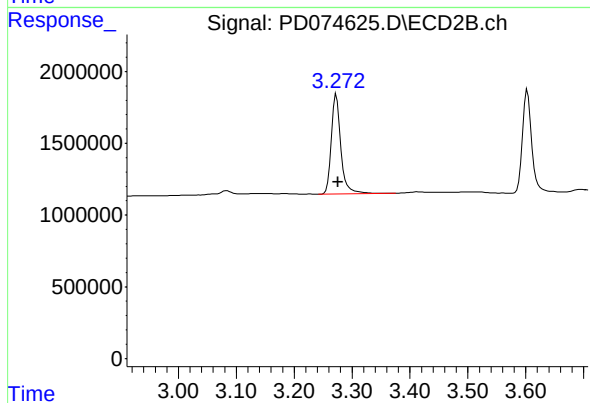
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 23776420
Conc: 19.54 ng/ml



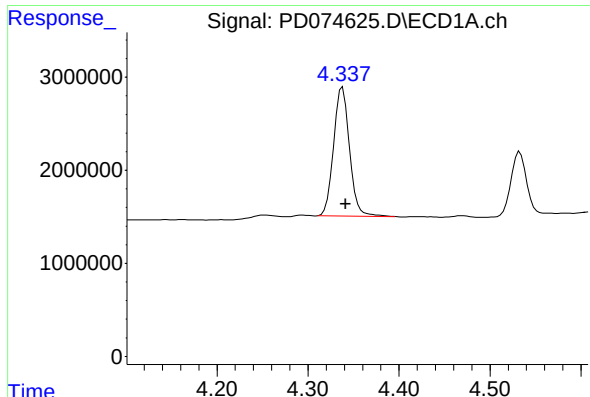
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 16339745
Conc: 4.21 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.003 min
Response: 7988747
Conc: 4.30 ng/ml



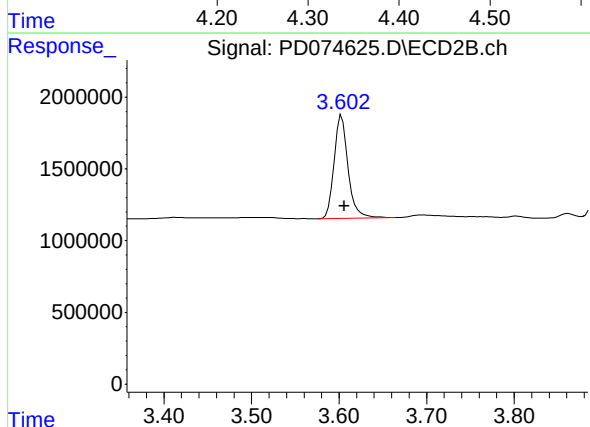
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: -0.003 min
Response: 16786354
Conc: 4.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

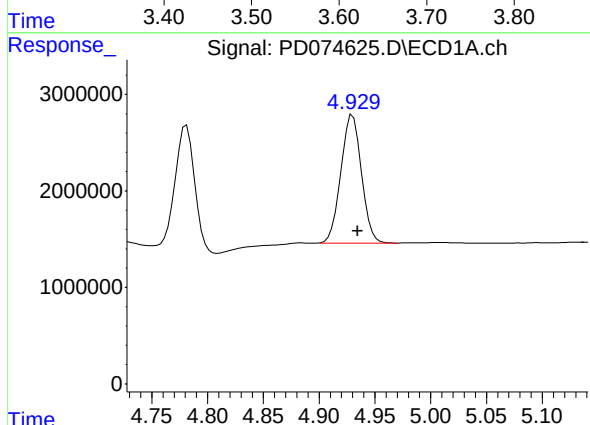
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



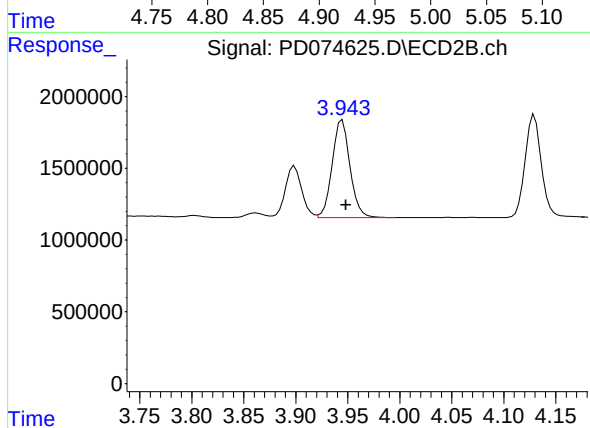
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.003 min
Response: 8009154
Conc: 4.68 ng/ml



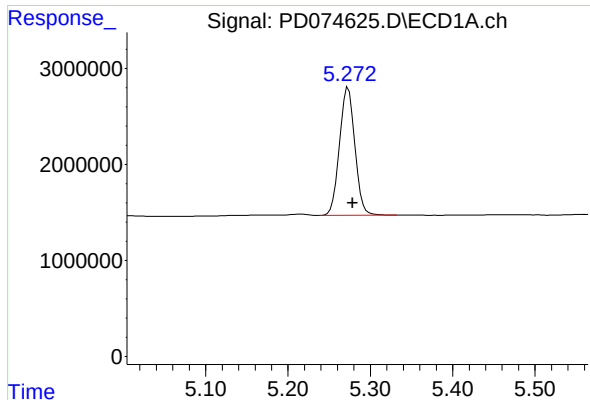
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: -0.005 min
Response: 17019633
Conc: 4.97 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 8079129
Conc: 4.74 ng/ml



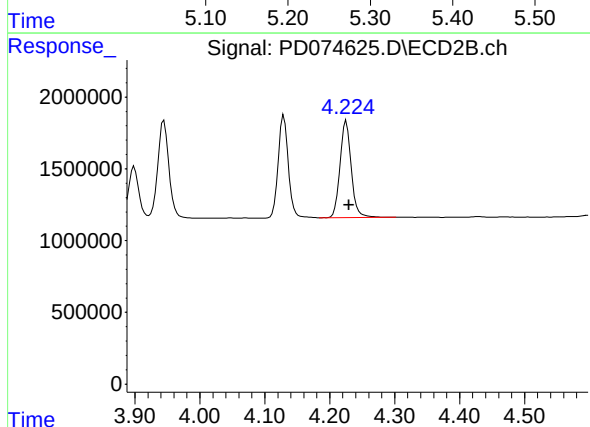
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: -0.005 min
Response: 17301699
Conc: 5.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

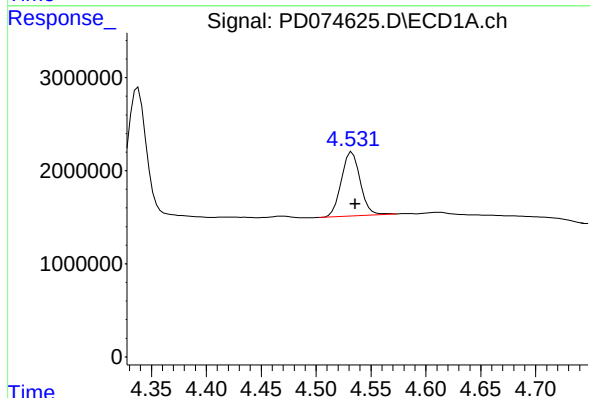
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



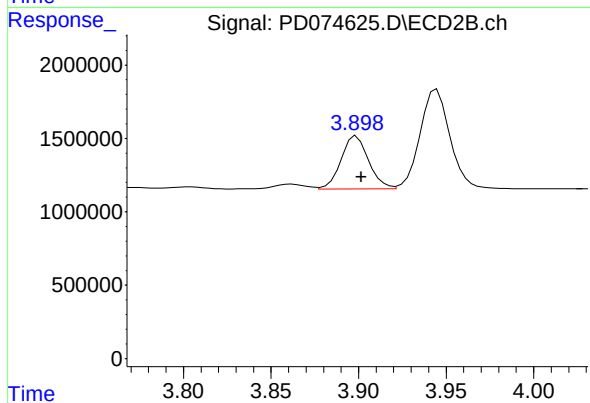
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 8106649
Conc: 4.81 ng/ml



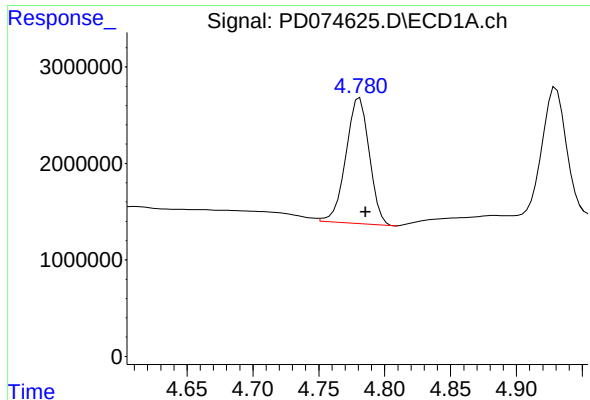
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: -0.003 min
Response: 8173062
Conc: 5.53 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.003 min
Response: 3945008
Conc: 5.22 ng/ml



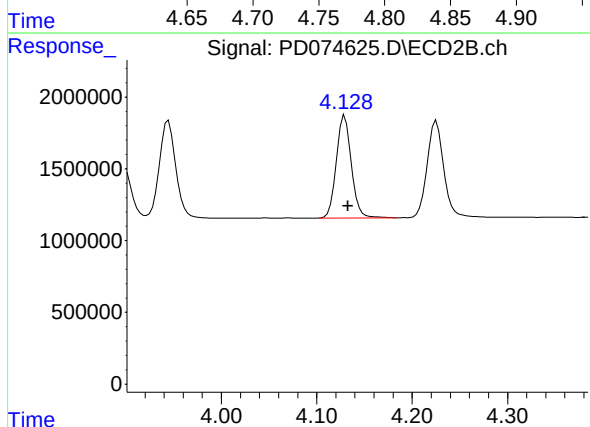
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: -0.005 min
Response: 16085018
Conc: 5.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

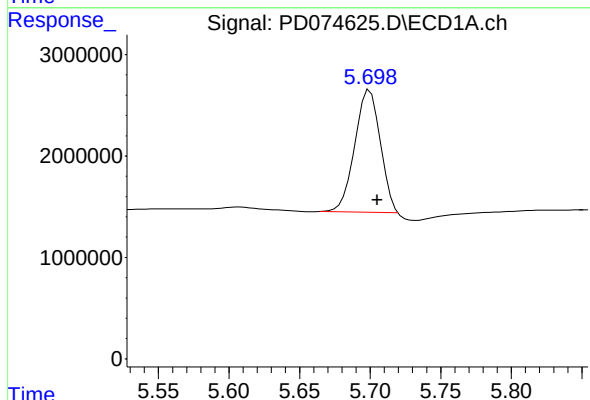
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



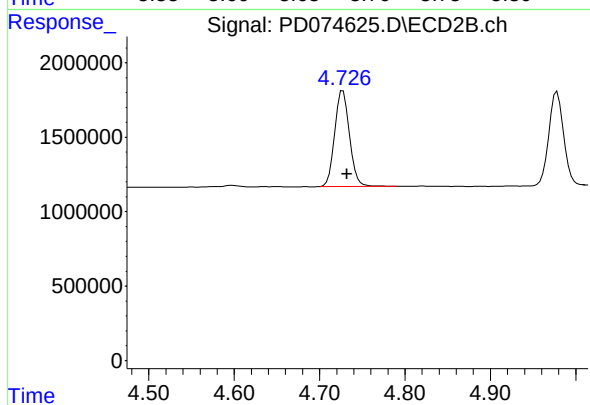
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.003 min
Response: 7796926
Conc: 4.58 ng/ml



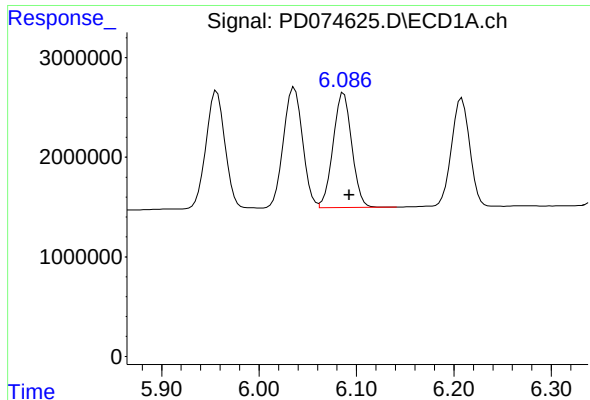
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: -0.007 min
Response: 15215903
Conc: 5.41 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: -0.005 min
Response: 7713864
Conc: 5.02 ng/ml



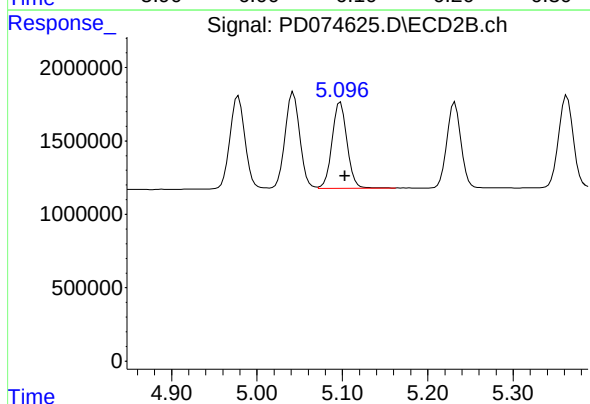
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 15362414
Conc: 5.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

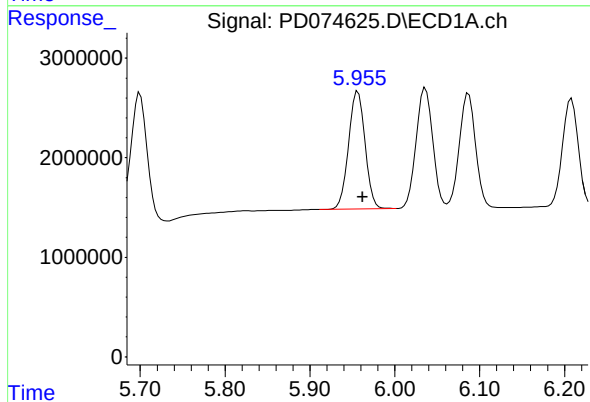
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



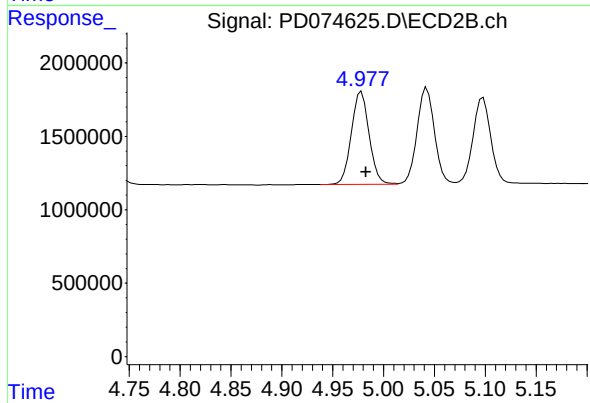
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.005 min
Response: 7146378
Conc: 4.97 ng/ml



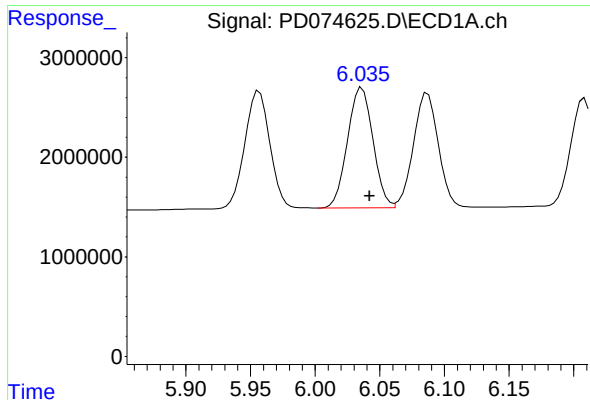
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 15979468
Conc: 5.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.005 min
Response: 7691066
Conc: 4.95 ng/ml



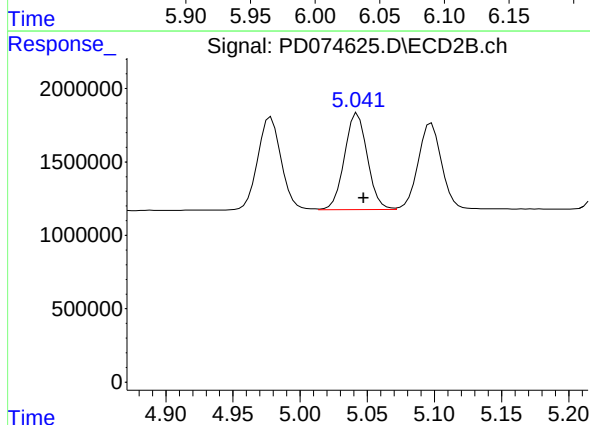
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: -0.006 min
Response: 16551305
Conc: 5.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

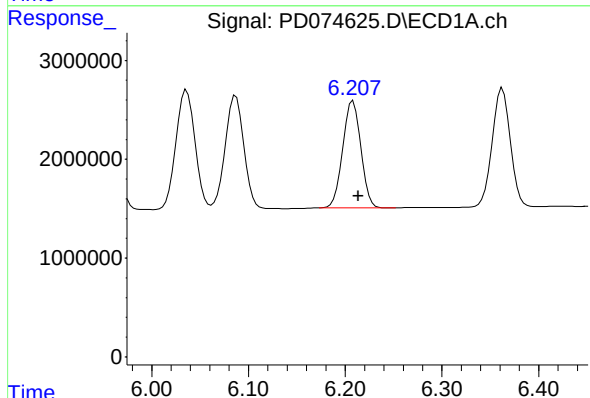
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



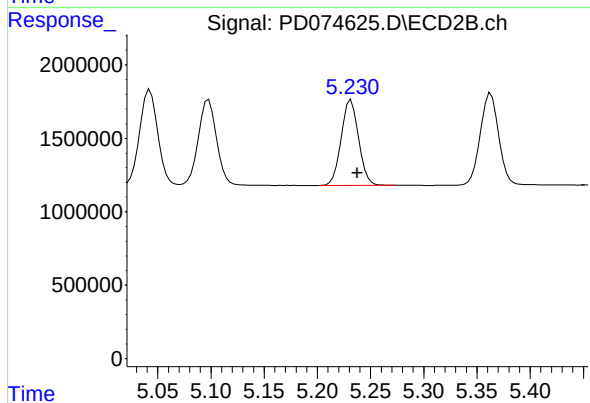
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.005 min
Response: 7825841
Conc: 5.08 ng/ml



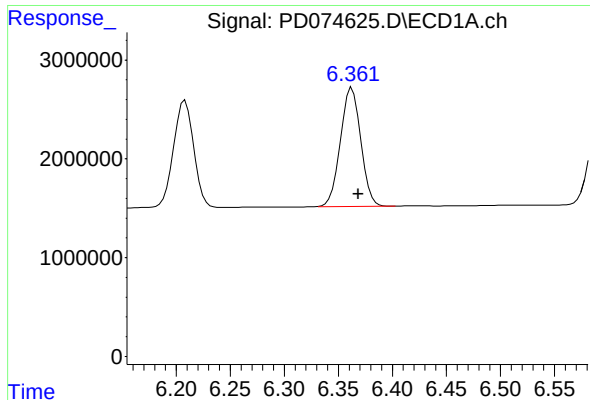
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 14059573
Conc: 5.10 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.006 min
Response: 6610553
Conc: 4.68 ng/ml



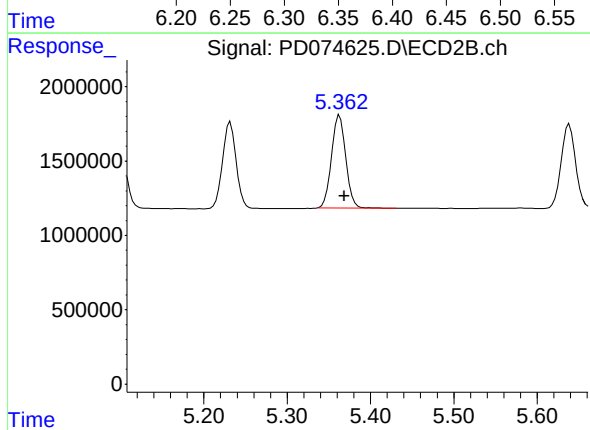
#13 Dieldrin

R.T.: 6.363 min
Delta R.T.: -0.006 min
Response: 15766631
Conc: 5.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

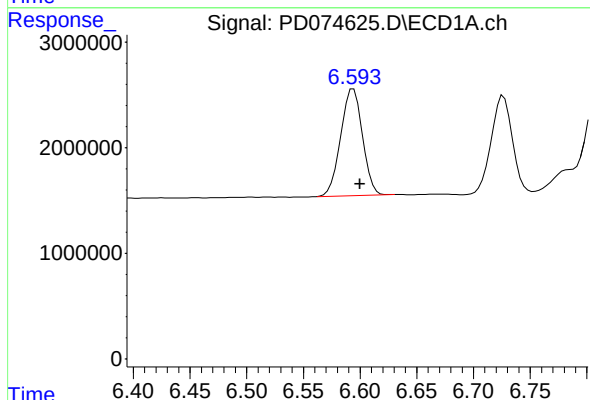
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



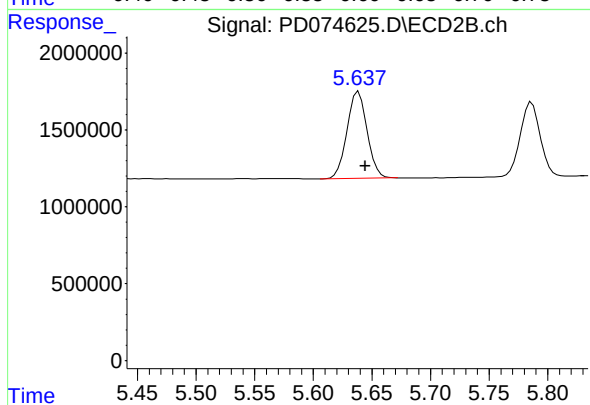
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.006 min
Response: 7400469
Conc: 4.92 ng/ml



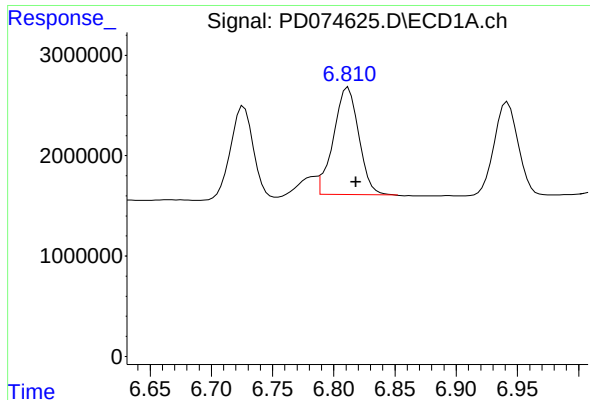
#14 Endrin

R.T.: 6.594 min
Delta R.T.: -0.006 min
Response: 13517386
Conc: 5.44 ng/ml



#14 Endrin

R.T.: 5.637 min
Delta R.T.: -0.007 min
Response: 6751737
Conc: 5.17 ng/ml m



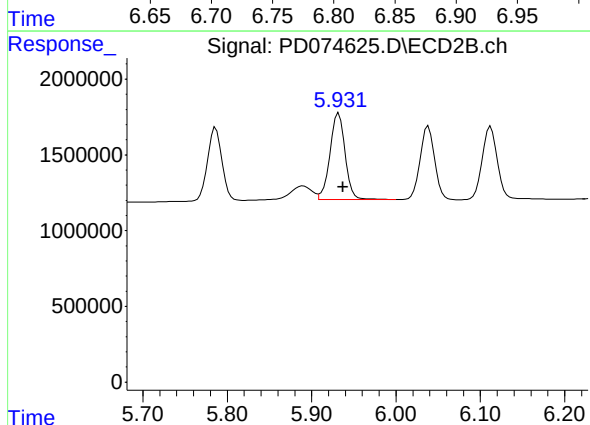
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: -0.008 min
Response: 15187805
Conc: 5.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

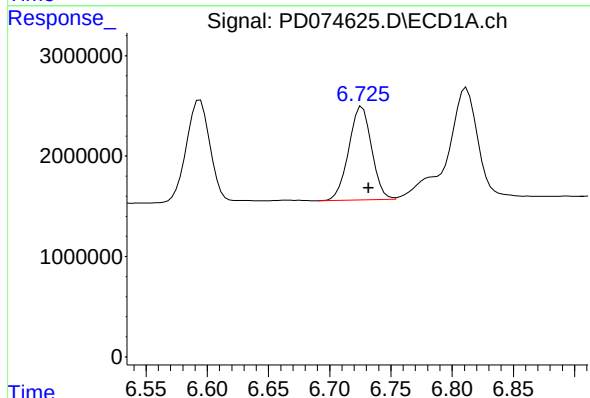
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



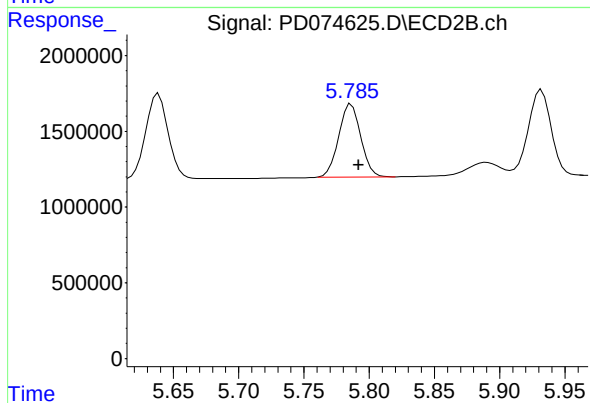
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: -0.005 min
Response: 7090215
Conc: 5.63 ng/ml



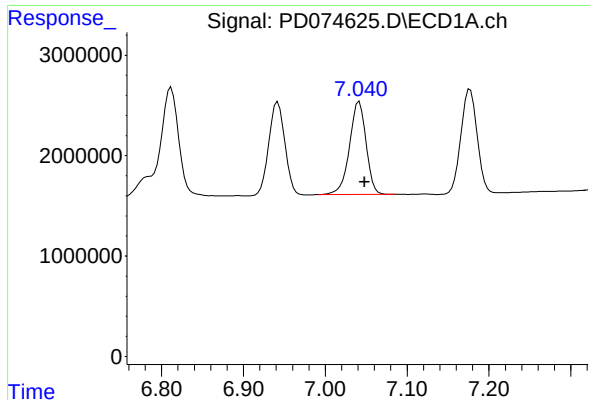
#16 4,4'-DDD

R.T.: 6.727 min
Delta R.T.: -0.005 min
Response: 12040695
Conc: 5.37 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.006 min
Response: 5670143
Conc: 4.86 ng/ml



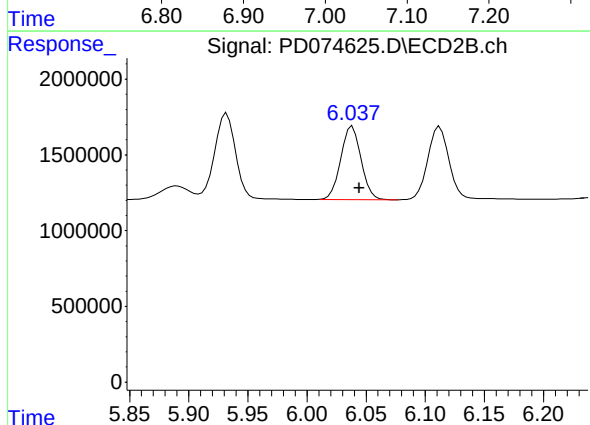
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: -0.006 min
Response: 13075670
Conc: 5.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

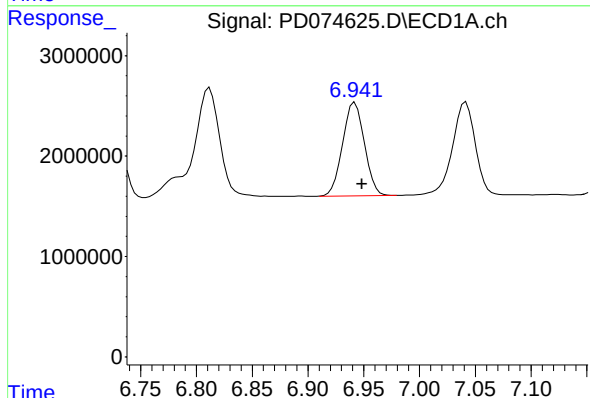
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



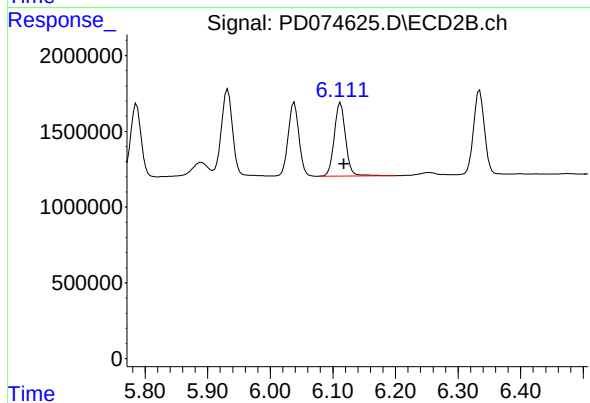
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: -0.006 min
Response: 5765294
Conc: 4.69 ng/ml



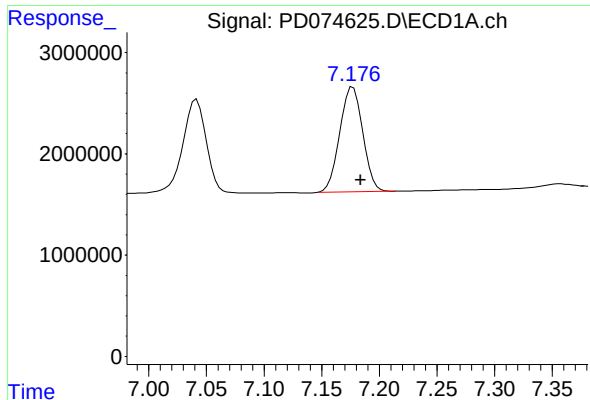
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 12644918
Conc: 6.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 6122043
Conc: 6.03 ng/ml



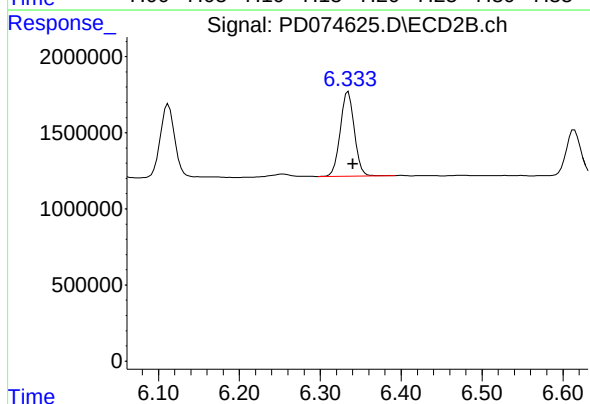
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.007 min
Response: 14295972
Conc: 5.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

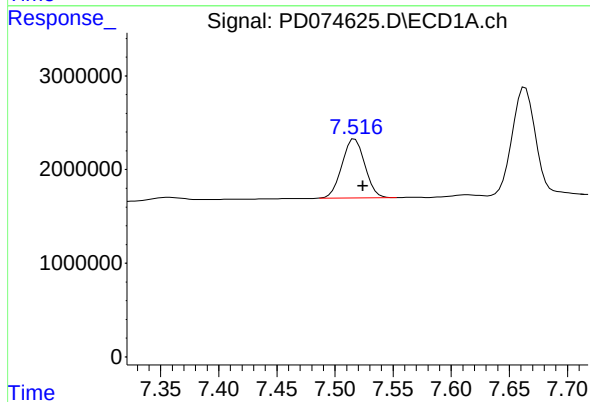
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



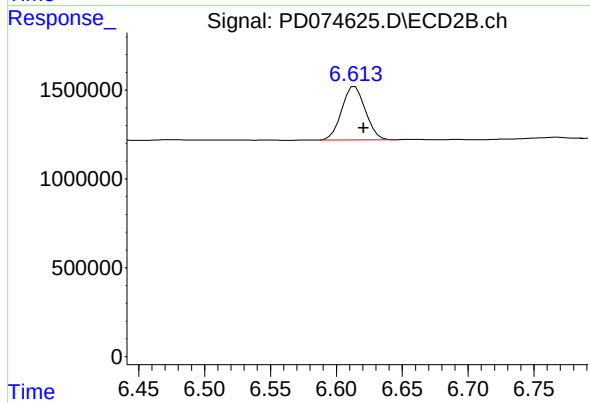
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.006 min
Response: 6716669
Conc: 5.50 ng/ml



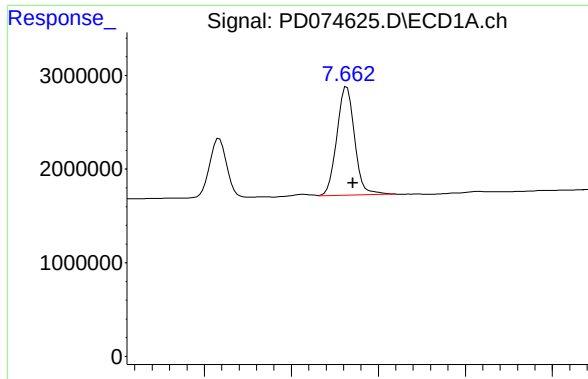
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: -0.007 min
Response: 8623445
Conc: 6.16 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: -0.007 min
Response: 3734937
Conc: 5.52 ng/ml



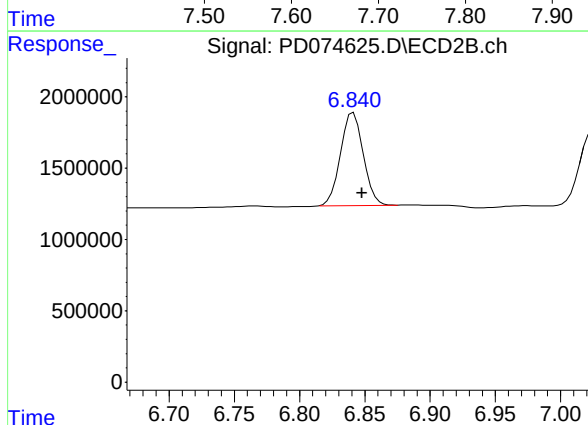
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: -0.007 min
Response: 16485835
Conc: 5.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

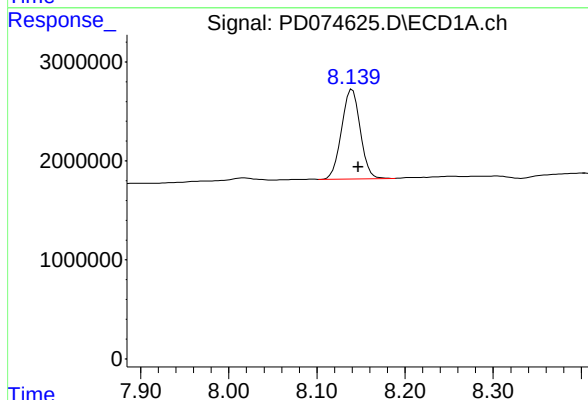
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



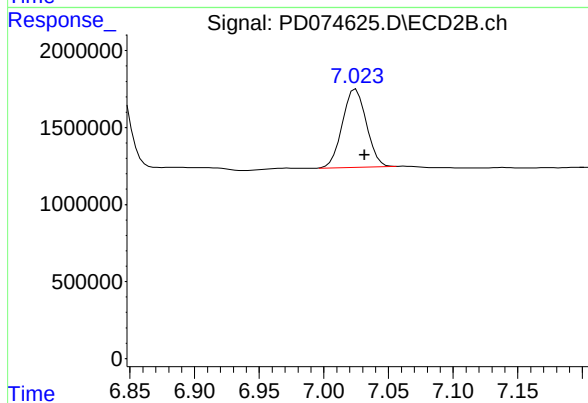
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.007 min
Response: 7899244
Conc: 5.36 ng/ml



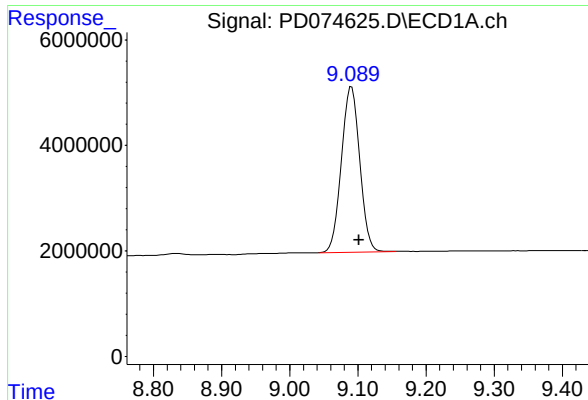
#22 Mirex

R.T.: 8.140 min
Delta R.T.: -0.007 min
Response: 13361524
Conc: 6.29 ng/ml



#22 Mirex

R.T.: 7.025 min
Delta R.T.: -0.007 min
Response: 6545241
Conc: 5.76 ng/ml



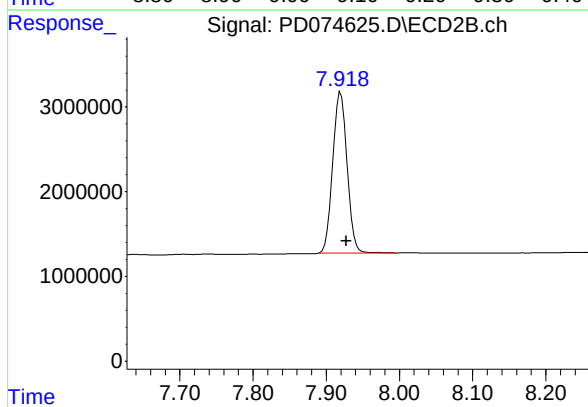
#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: -0.011 min
Response: 58712852
Conc: 21.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.008 min
Response: 25979012
Conc: 21.17 ng/ml