

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

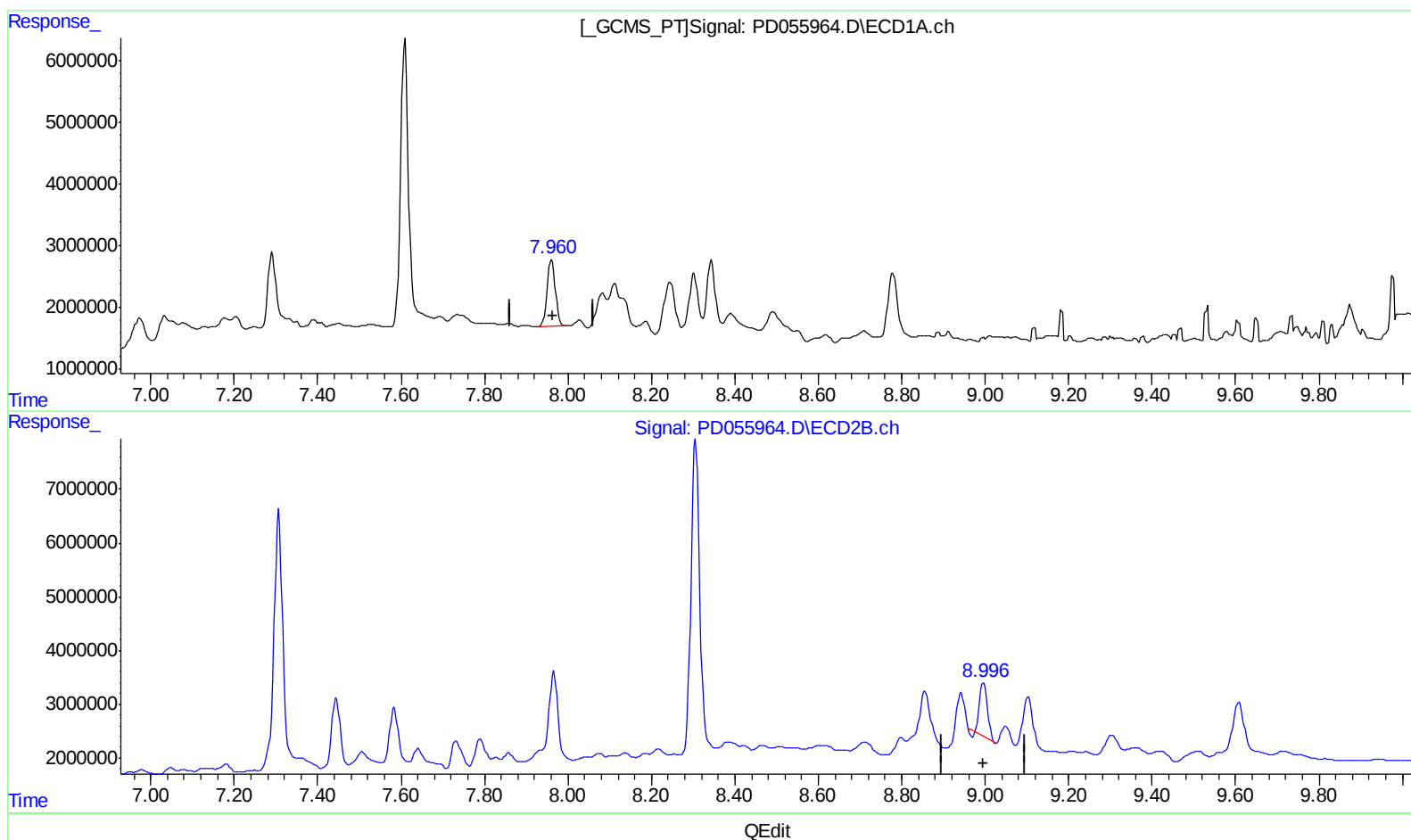
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



(27) Decachlorobiphenyl (SA)

7.961min 18.121 ng/ml

response 14771009

(27) Decachlorobiphenyl #2 (SA)

8.996min 11.753 ng/ml

response 13345884

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

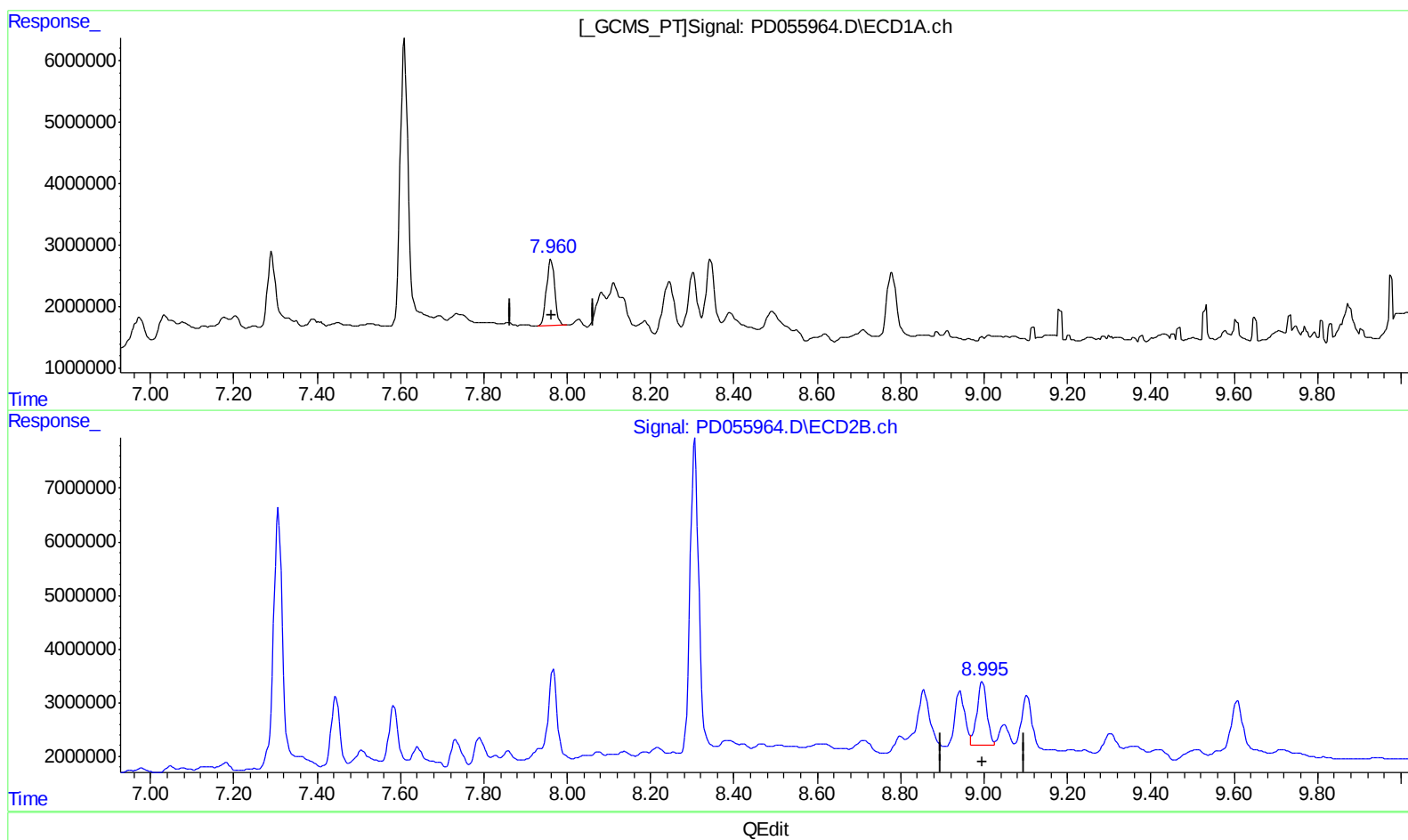
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



(27) Decachlorobiphenyl (SA)

7.961min 18.121 ng/ml

response 14771009

(27) Decachlorobiphenyl #2 (SA)

8.995min 17.058 ng/ml m

response 19370188

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

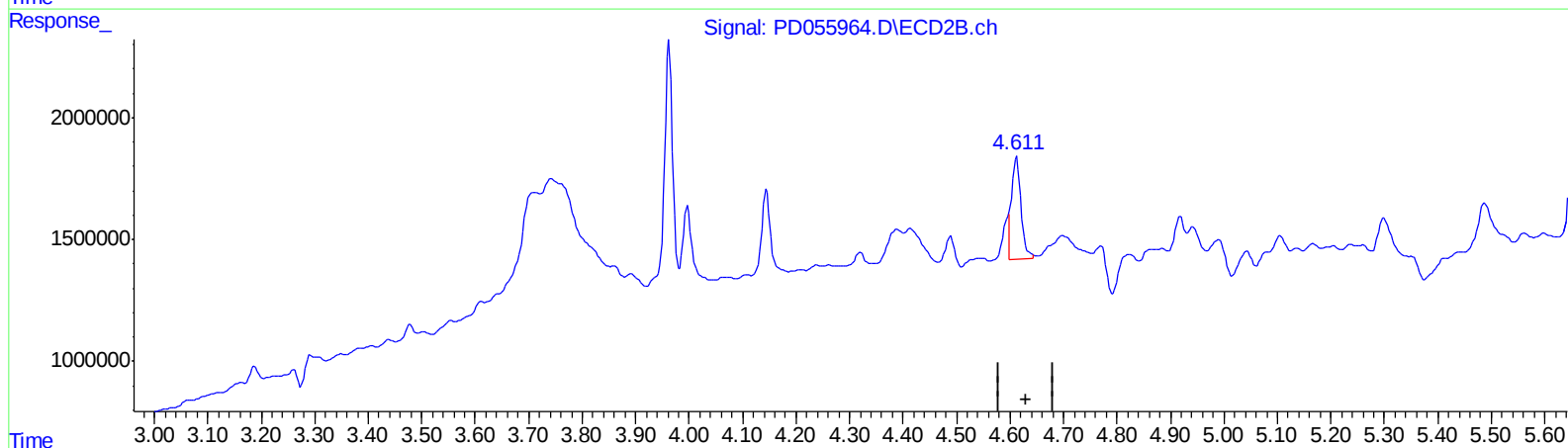
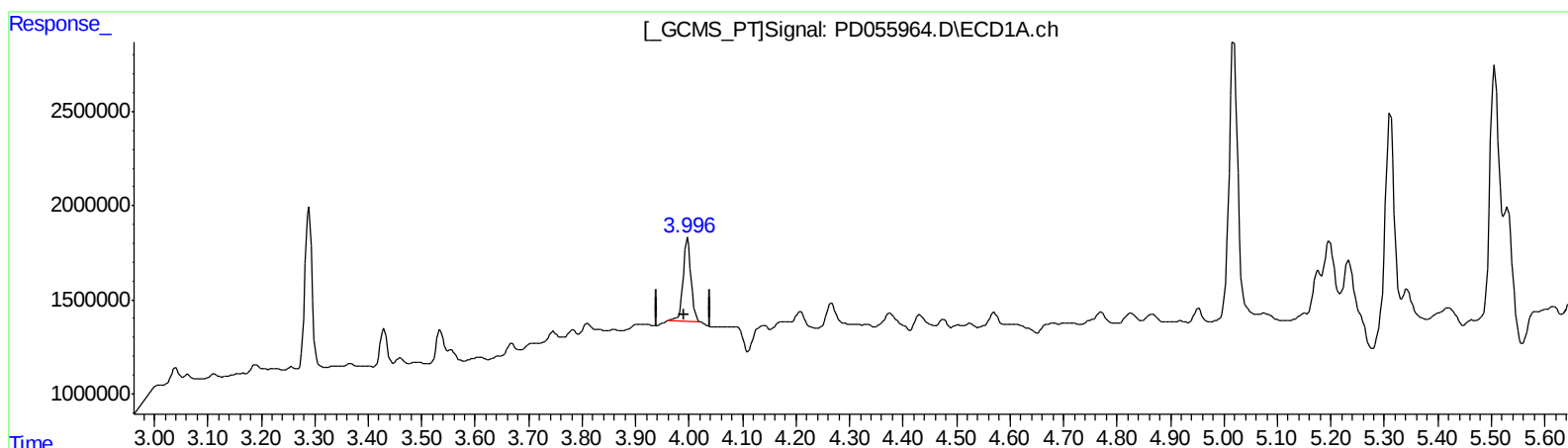
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



QEdit

(3) gamma-BHC (Lindane) (MA)

3.997min 4.402 ng/ml

response 4503051

(3) gamma-BHC (Lindane) #2 (MA)

4.611min 3.769 ng/ml m

response 5310118

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

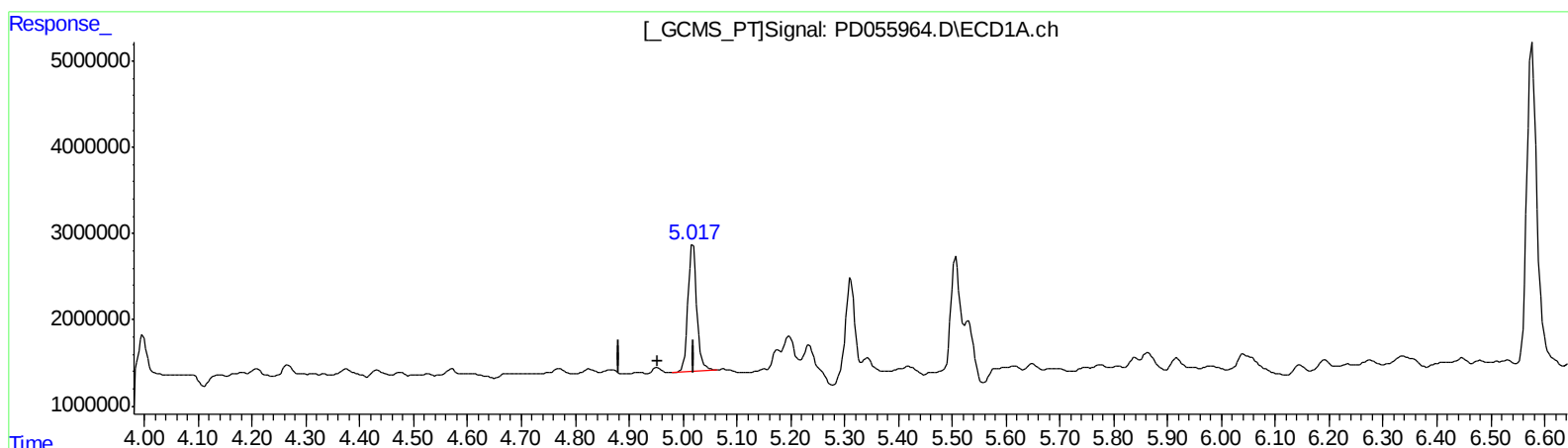
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



(8) Heptachlor epoxide (B)

5.019min 19.099 ng/ml

response 17052979

(8) Heptachlor epoxide #2 (B)

0.000min 0.000 ng/ml

response 0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

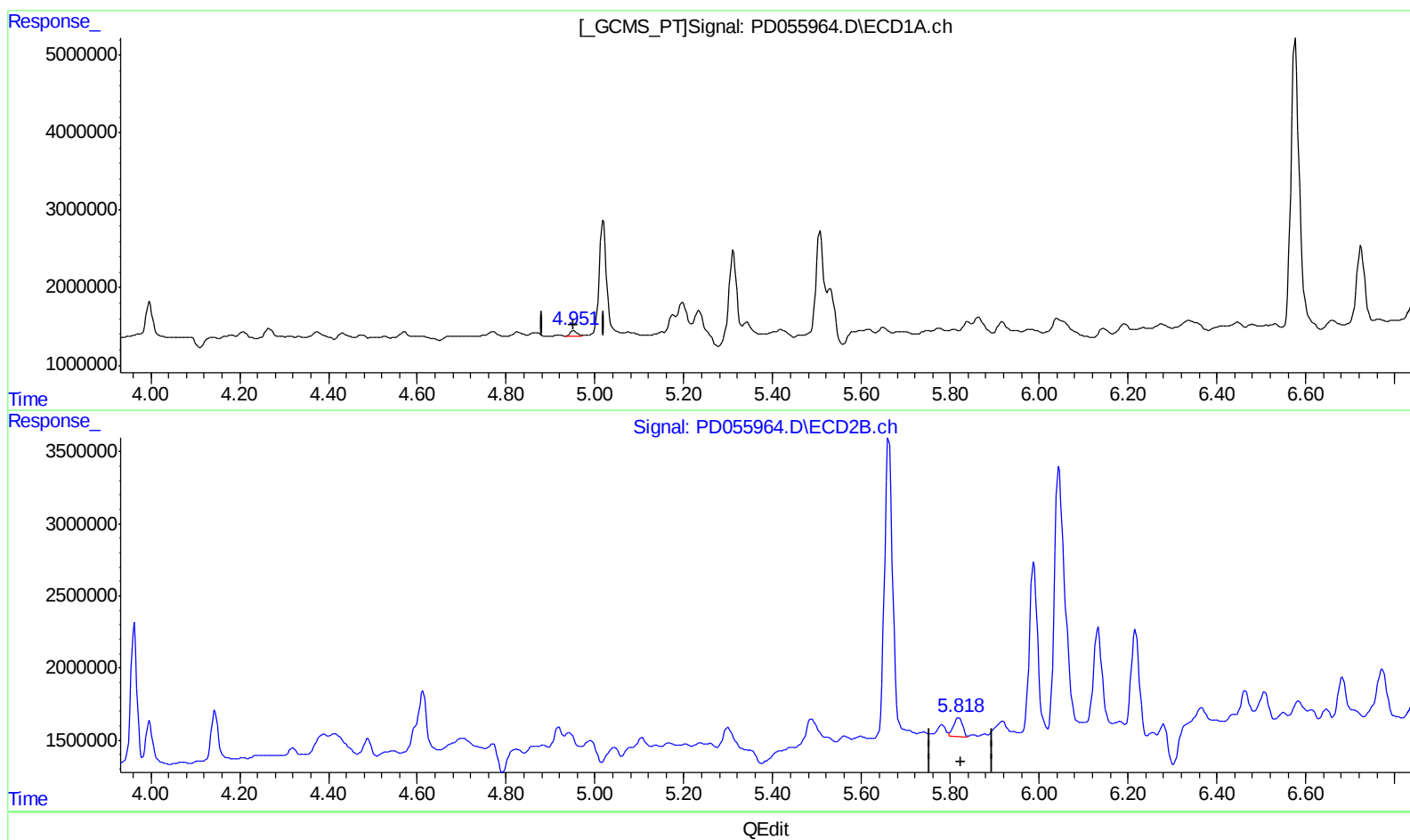
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



(8) Heptachlor epoxide (B)

4.951min 0.800 ng/ml m

response 714292

(8) Heptachlor epoxide #2 (B)

5.818min 1.333 ng/ml m

response 1799331

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

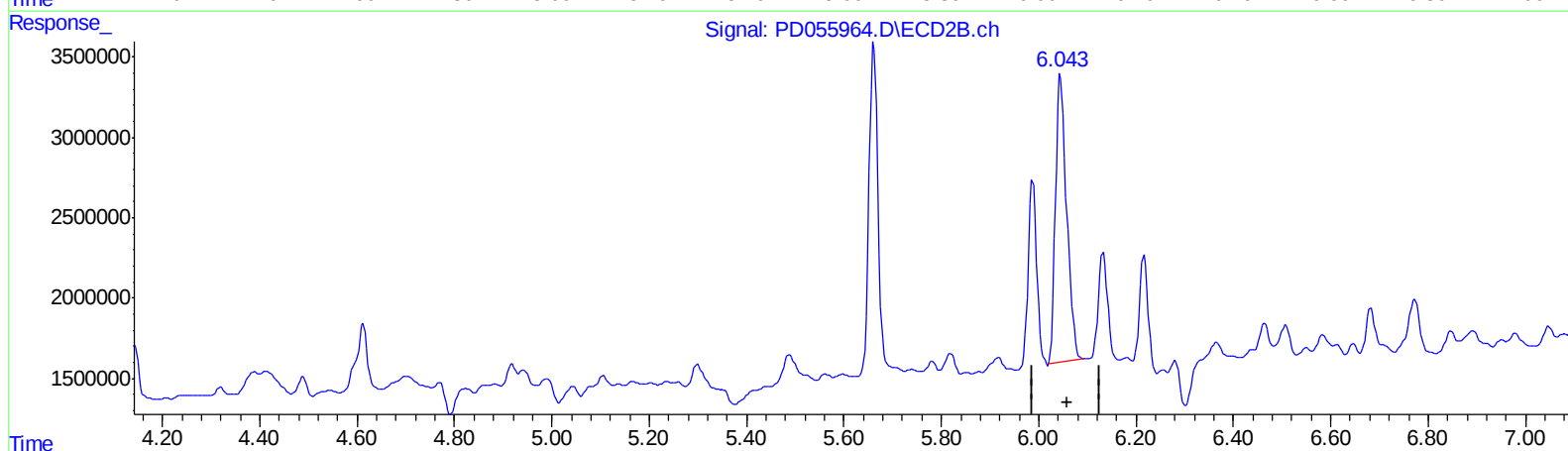
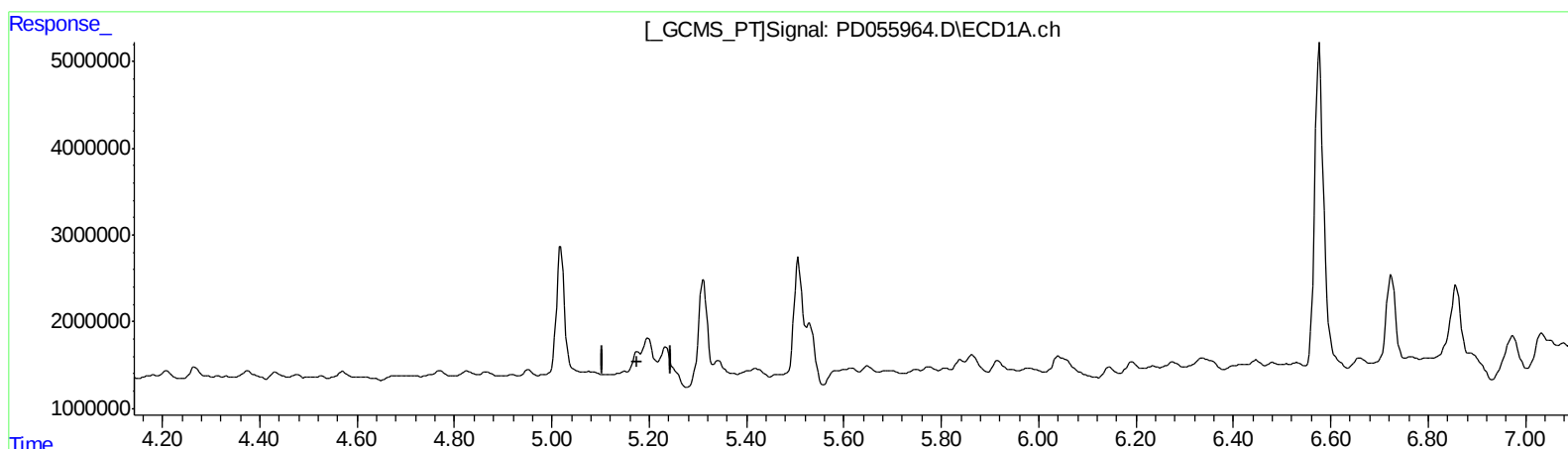
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



QEdit

(10) trans-Chlordane (B)

5.176min -0.177 ng/ml

response -160521

(10) trans-Chlordane #2 (B)

6.045min 19.942 ng/ml

response 28446397

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

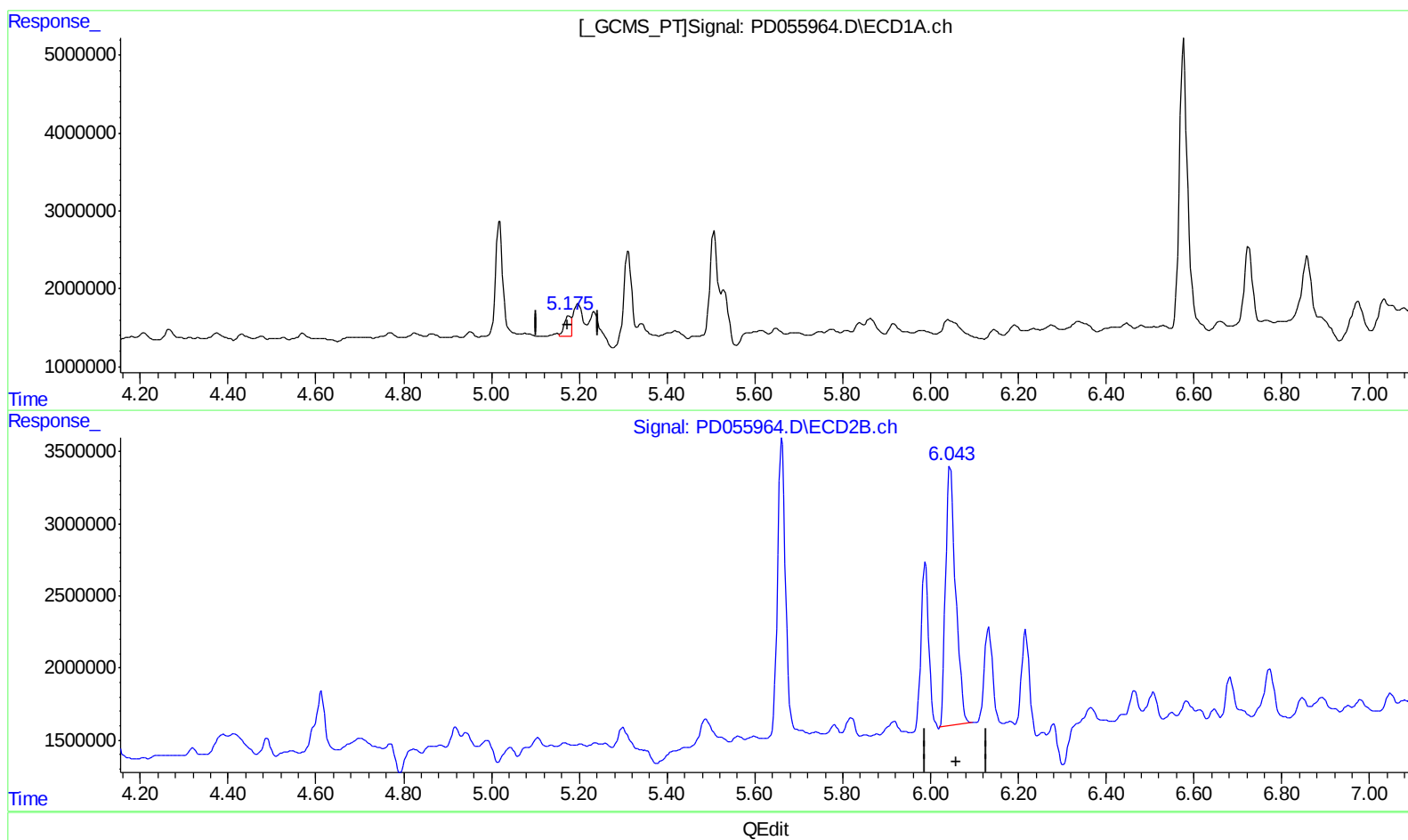
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



(10) trans-Chlordane (B)

5.175min 3.386 ng/ml m

response 3070053

(10) trans-Chlordane #2 (B)

6.045min 19.942 ng/ml

response 28446397

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

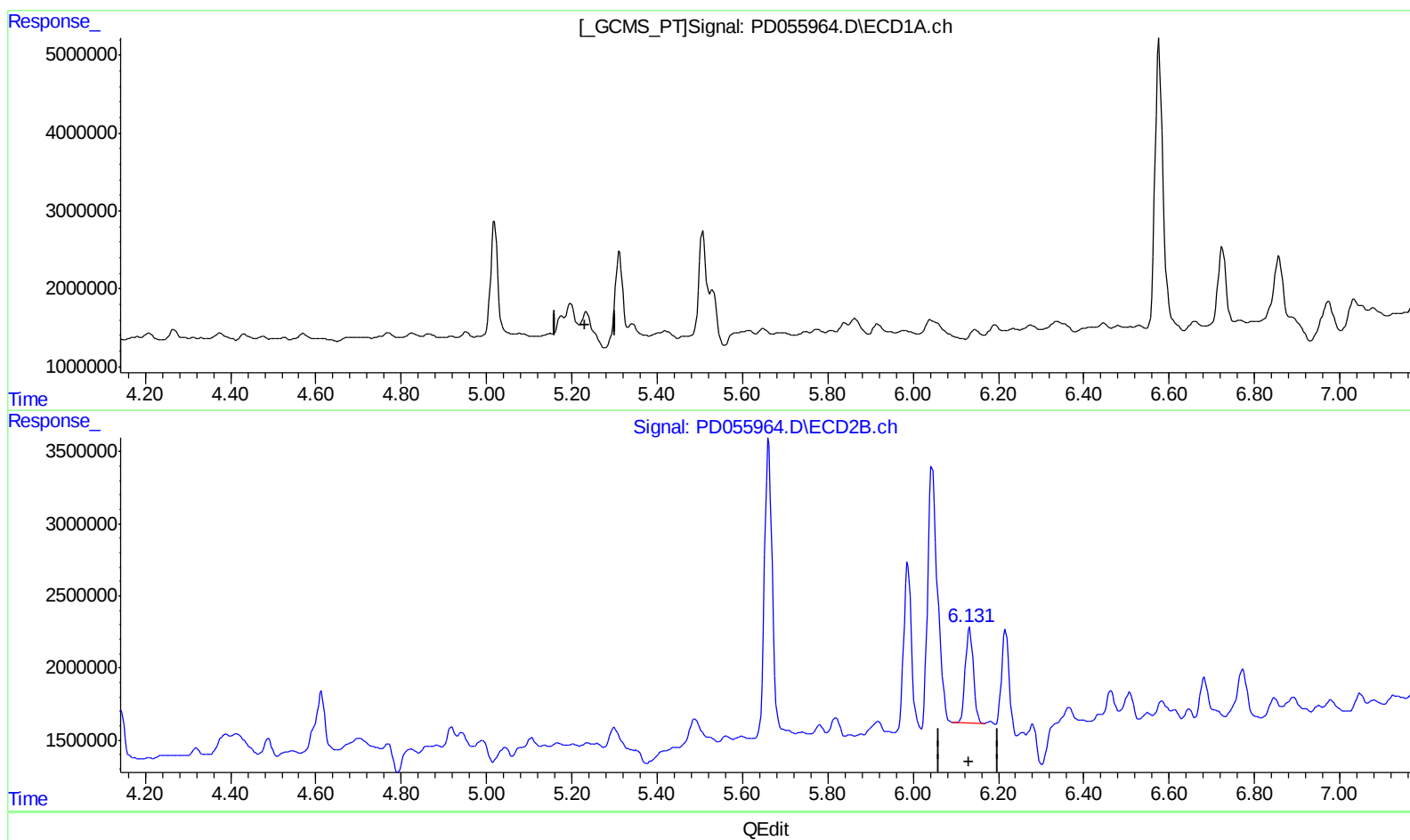
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



(11) cis-Chlordane (B)

5.176min -0.181 ng/ml

response -160521

(11) cis-Chlordane #2 (B)

6.133min 6.143 ng/ml

response 8621778

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

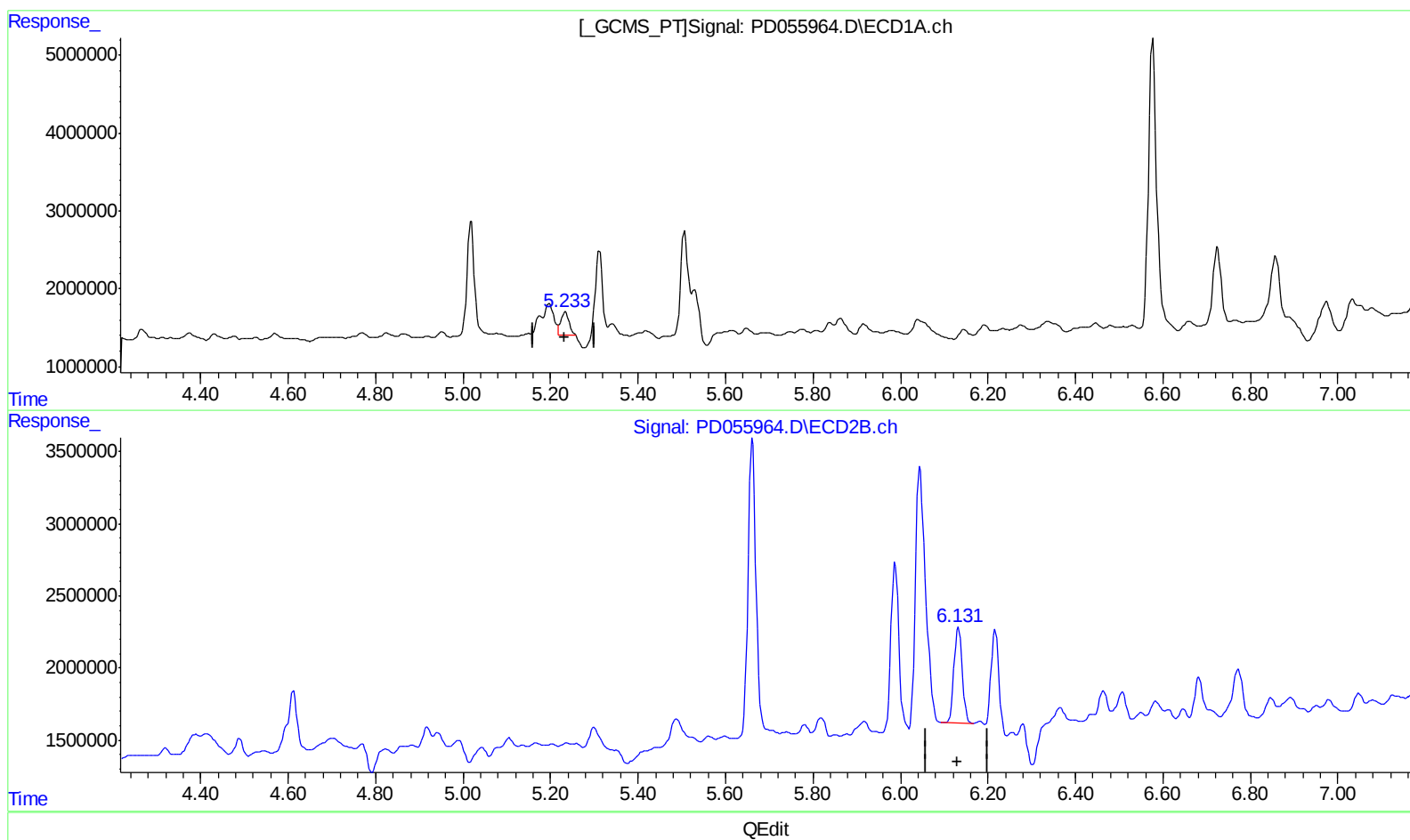
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



(11) cis-Chlordane (B)

5.233min 4.344 ng/ml m

response 3846314

(11) cis-Chlordane #2 (B)

6.133min 6.143 ng/ml

response 8621778

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

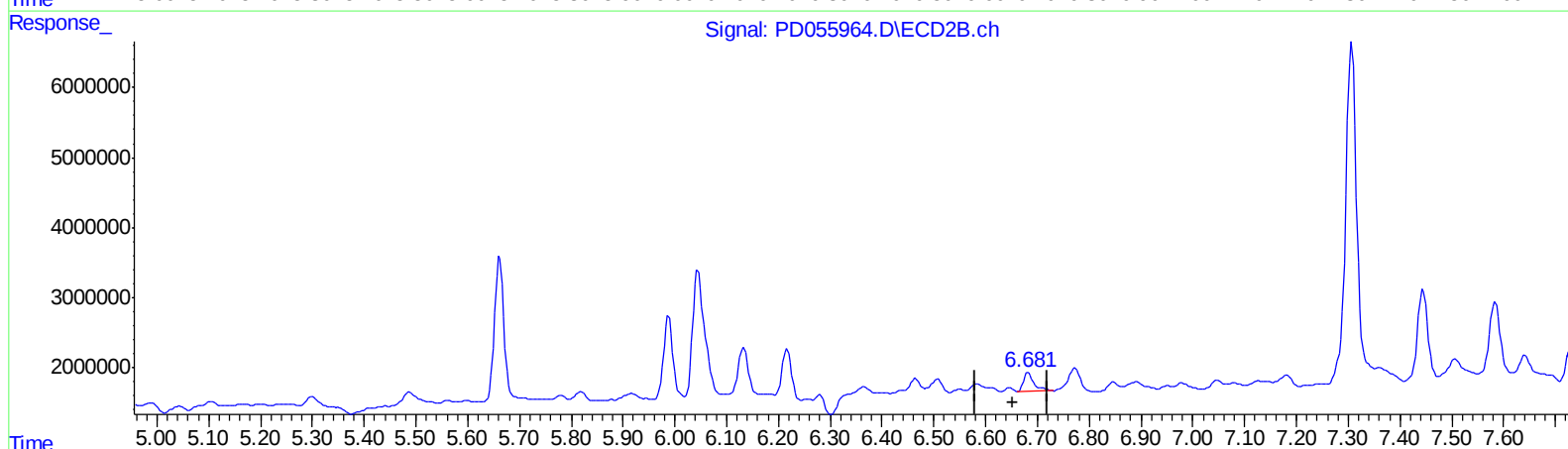
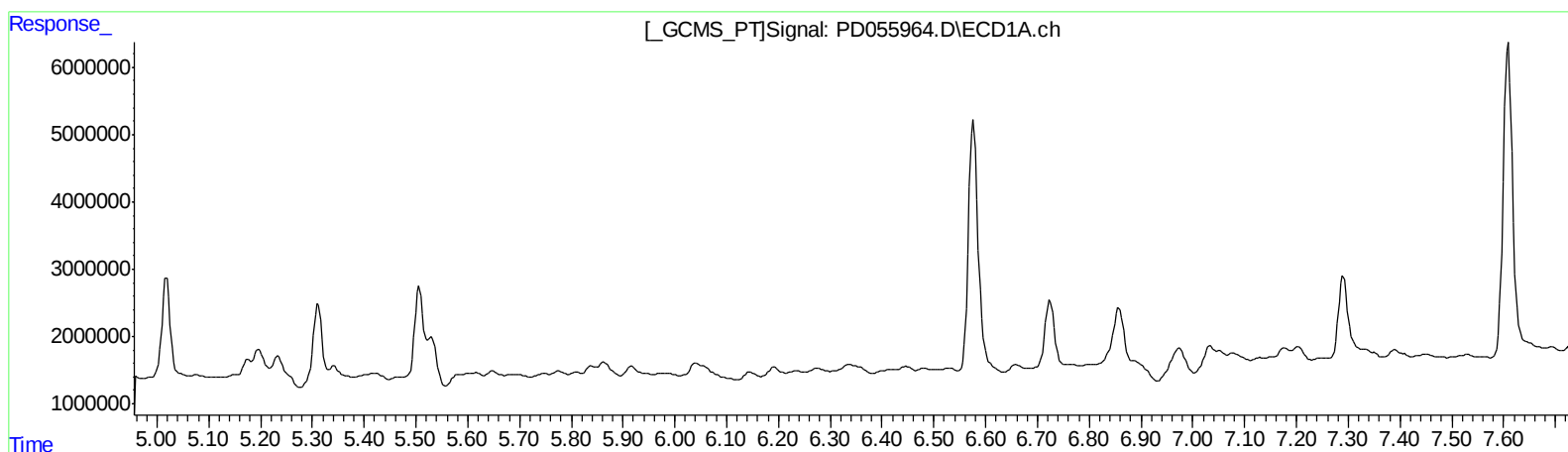
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



QEdit

(14) Endrin (MA)
0.000min 0.000 ng/ml
response 0

(14) Endrin #2 (MA)
6.682min 3.382 ng/ml
response 3894153

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

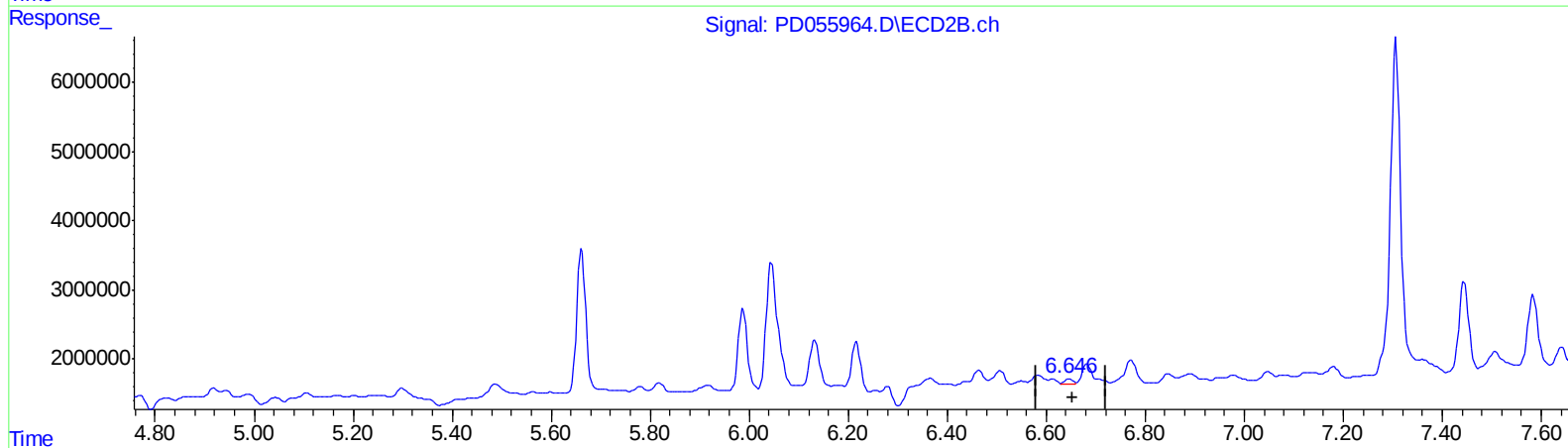
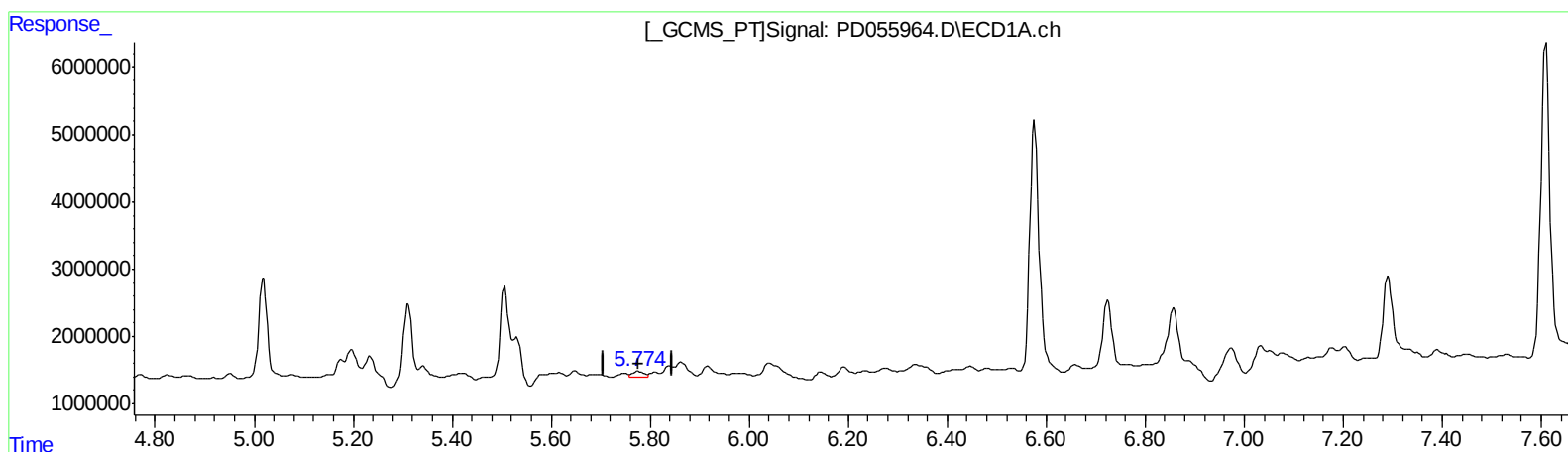
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



QEdit

(14) Endrin (MA)

5.774min 1.658 ng/ml m

response 1329947

(14) Endrin #2 (MA)

6.646min 0.589 ng/ml m

response 678338

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

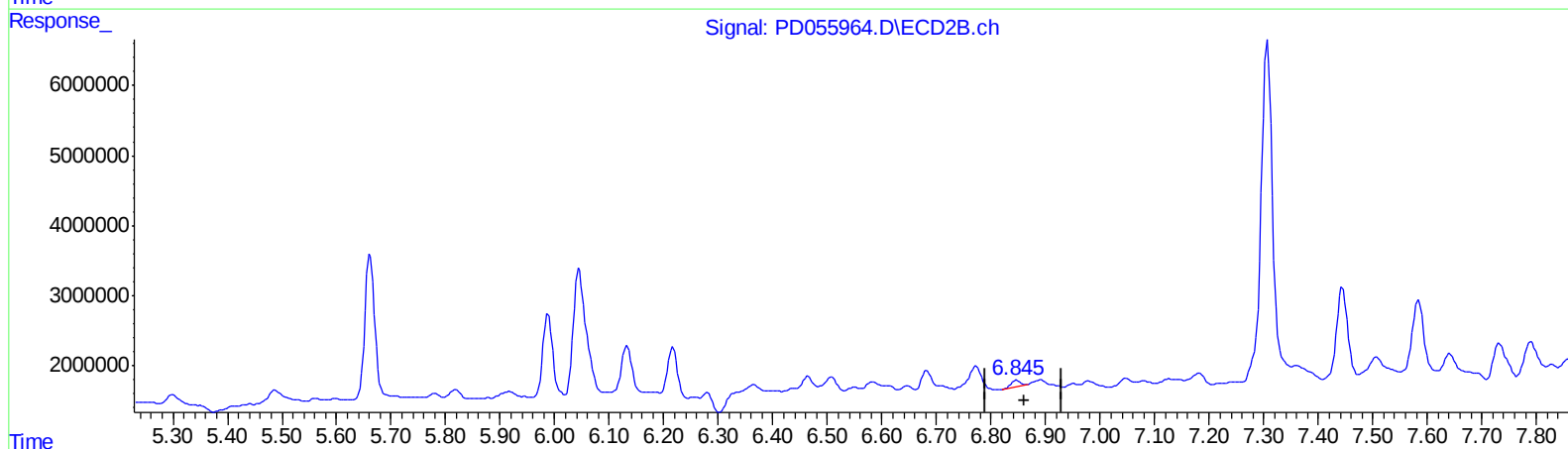
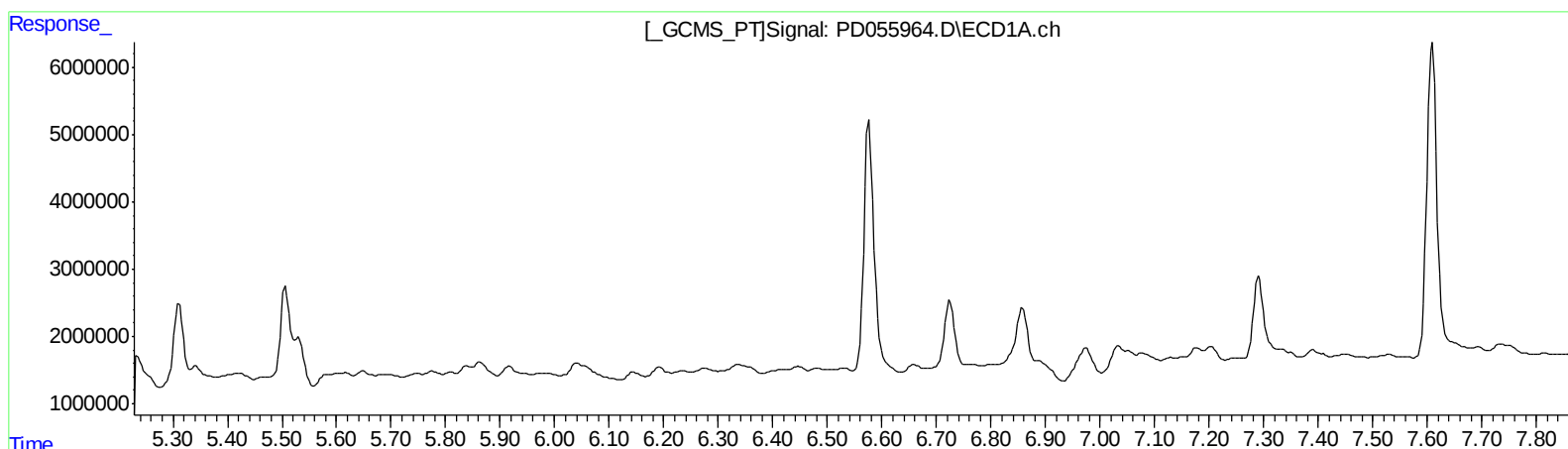
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



QEdit

(15) Endosulfan II (B)
0.000min 0.000 ng/ml
response 0

(15) Endosulfan II #2 (B)
6.847min 0.855 ng/ml
response 1107071

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

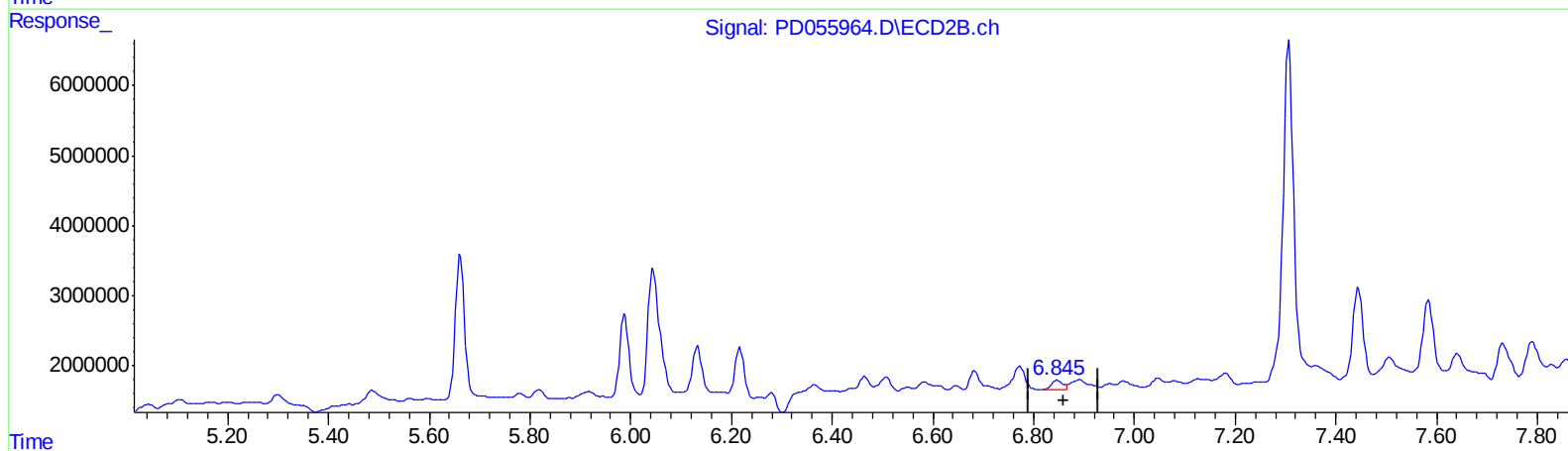
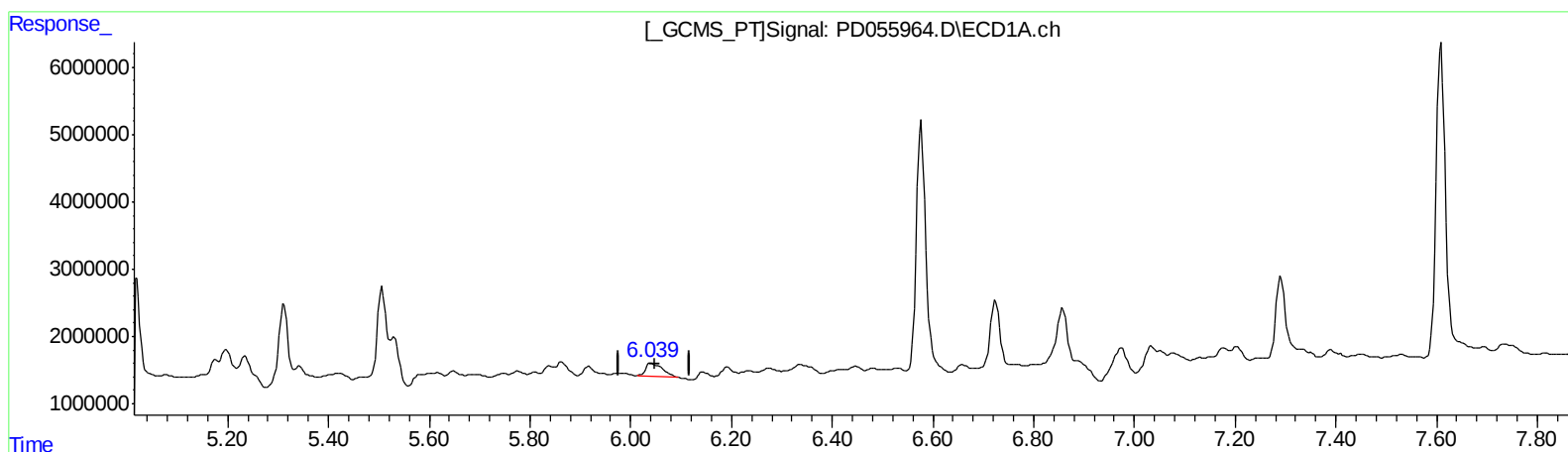
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



QEdit

(15) Endosulfan II (B)
6.039min 5.204 ng/ml m
response 4385252

(15) Endosulfan II #2 (B)
6.845min 1.742 ng/ml m
response 2255943

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

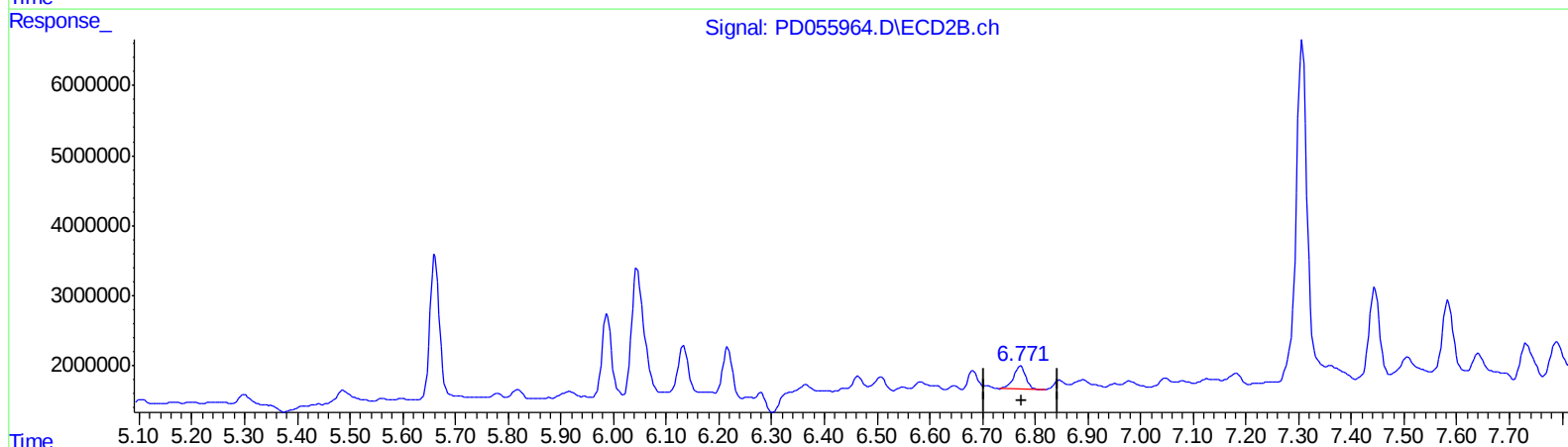
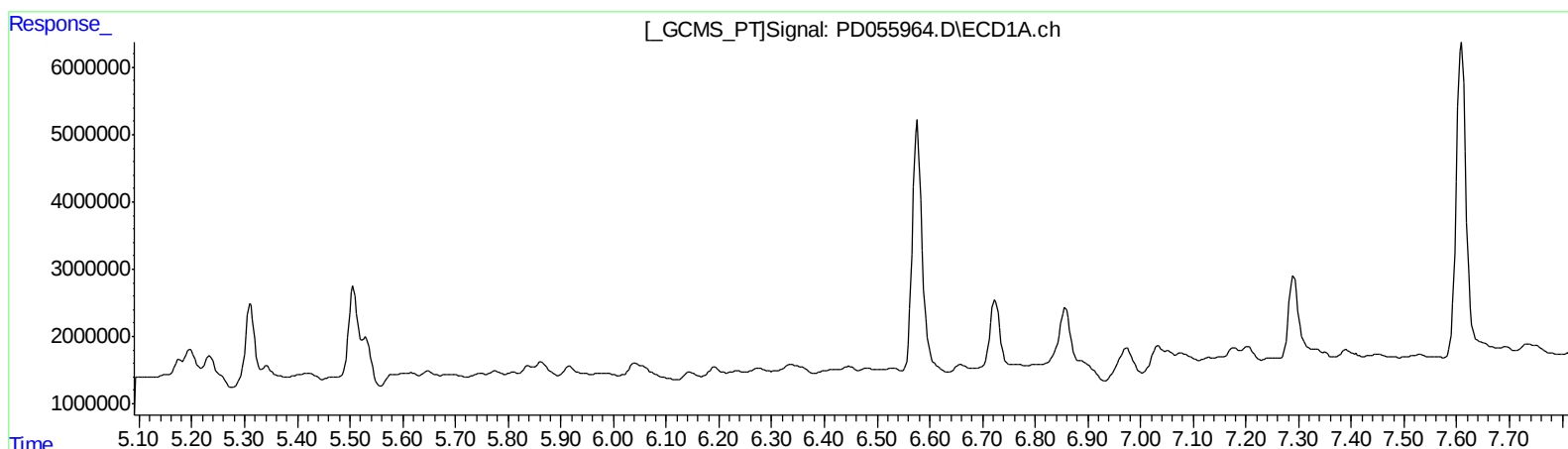
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



QEdit

(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

(16) 4,4'-DDD #2 (A)
6.772min 4.800 ng/ml
response 5359820

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 01:34
Operator : SG\AJ
Sample : K5774-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

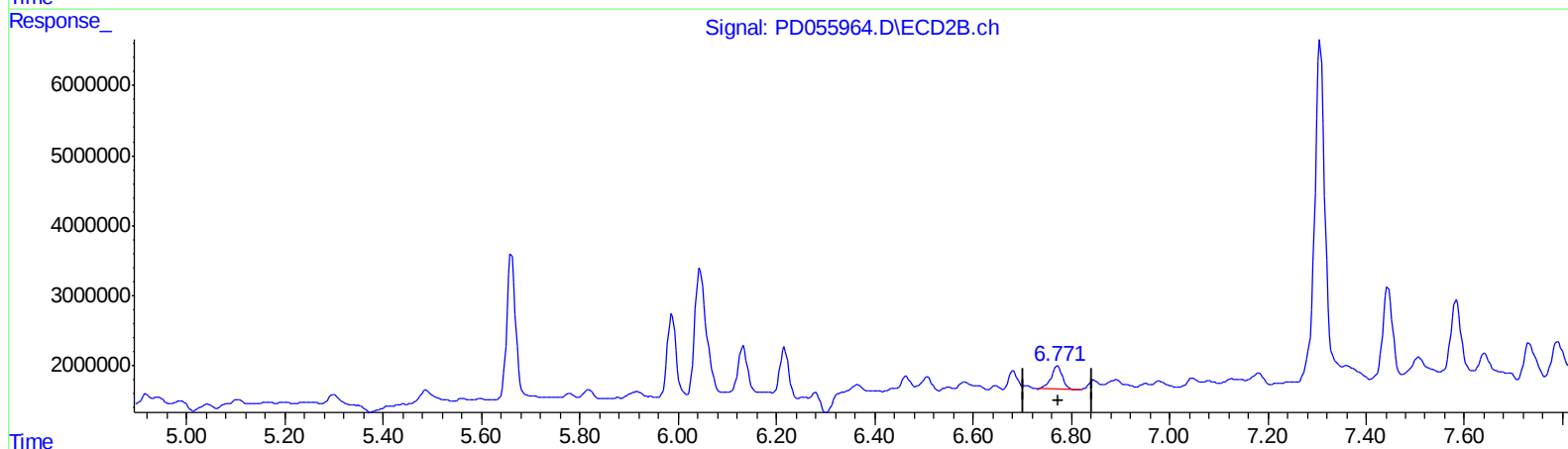
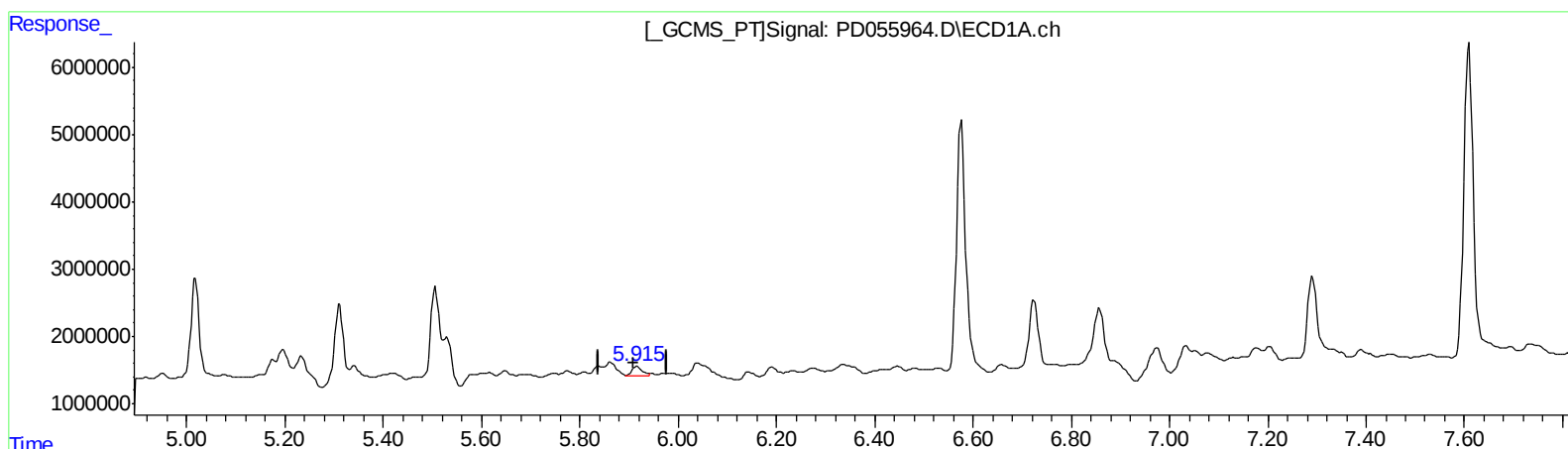
Instrument :
ECD_D
ClientSampleId :
C0AR8

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:06:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 2019
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 x 0.50µm



QEdit

(16) 4,4'-DDD (A)
5.915min 2.820 ng/ml m
response 1991376

(16) 4,4'-DDD #2 (A)
6.772min 4.800 ng/ml
response 5359820

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
 Data File : PD055964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2019 01:34
 Operator : SG\AJ
 Sample : K5774-12
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0AR8

Manual Integrations
 APPROVED

Ankita
 11/15/2019 8:49:36 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 03:06:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 02 07:20:38 2019
 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 x 0.2 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...	3.289	3.963	7644676	9226051	10.155	8.804
27) SA Decachlor...	7.961	8.995	14771009	19370188	18.121	17.058m
Target Compounds						
3) MA gamma-BHC...	3.997	4.611	4503051	5310118	4.402	3.769m
8) B Heptachlo...	4.951	5.818	714292	1799331	0.800m	1.333m#
10) B trans-Chl...	5.175	6.045	3070053	28446397	3.386m	19.942 #
11) B cis-Chlor...	5.233	6.133	3846314	8621778	4.344m	6.143 #
14) MA Endrin	5.774	6.646	1329947	678338	1.658m	0.589m#
15) B Endosulfa...	6.039	6.845	4385252	2255943	5.204m	1.742m#
16) A 4,4'-DDD	5.915	6.772	1991376	5359820	2.820m	4.800 #

AT
 11/16/19

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