

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 18:09
Operator : SG\AJ
Sample : PEM03
Misc :
ALS Vial : 57 Sample Multiplier: 1

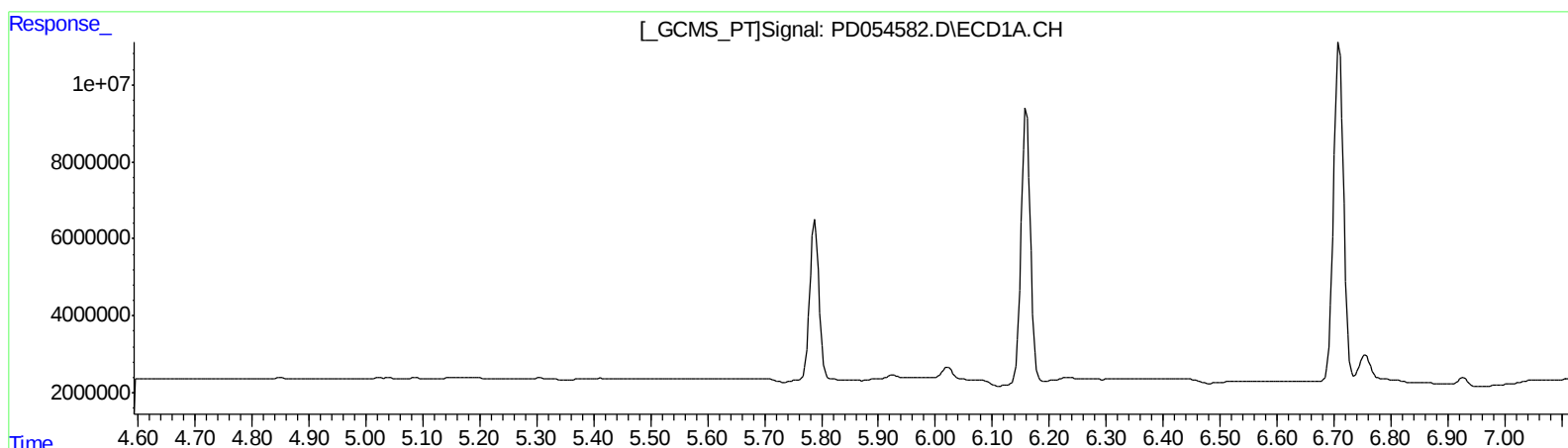
Instrument :
ECD_D
LabSampleId :
PEM03

Manual Integrations
APPROVED

Ankita
9/18/2019 9:40:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 06:08:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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



(12) 4,4'-DDE (B)
0.000min 0.000 ng/ml
response 0

(12) 4,4'-DDE #2 (B)
0.000min 0.000 ng/ml
response 0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 18:09
Operator : SG\AJ
Sample : PEM03
Misc :
ALS Vial : 57 Sample Multiplier: 1

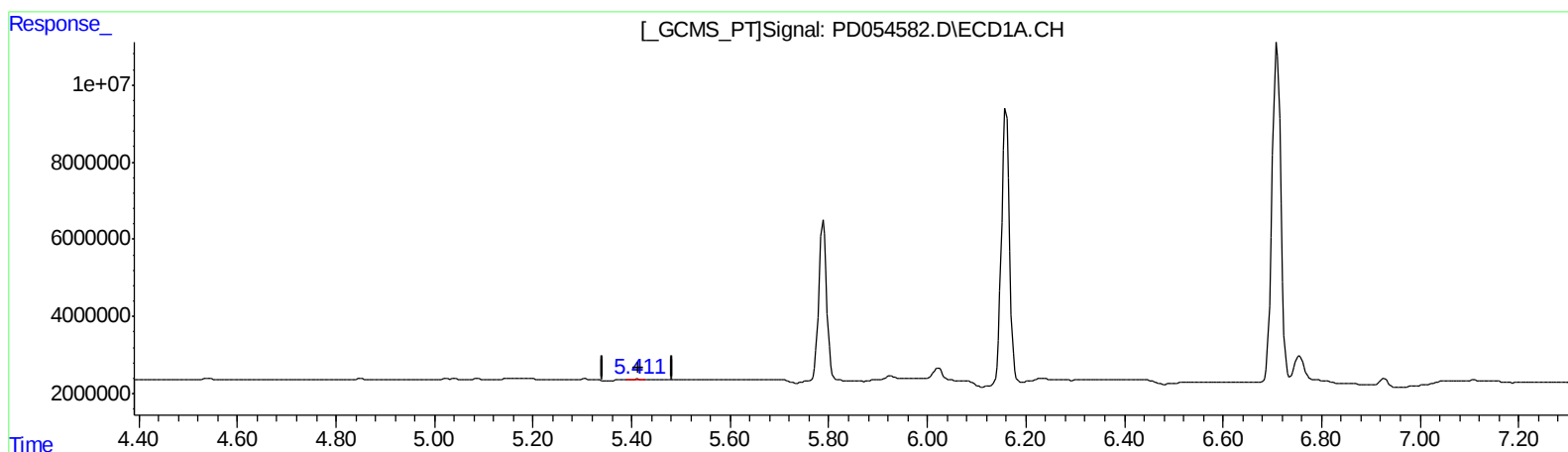
Instrument :
ECD_D
LabSampleId :
PEM03

Manual Integrations
APPROVED

Ankita
9/18/2019 9:40:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 06:08:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

(12) 4,4'-DDE (B)

5.411min 0.135 ng/ml m

response 174265

(12) 4,4'-DDE #2 (B)

6.286min 0.142 ng/ml m

response 199141

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 18:09
Operator : SG\AJ
Sample : PEM03
Misc :
ALS Vial : 57 Sample Multiplier: 1

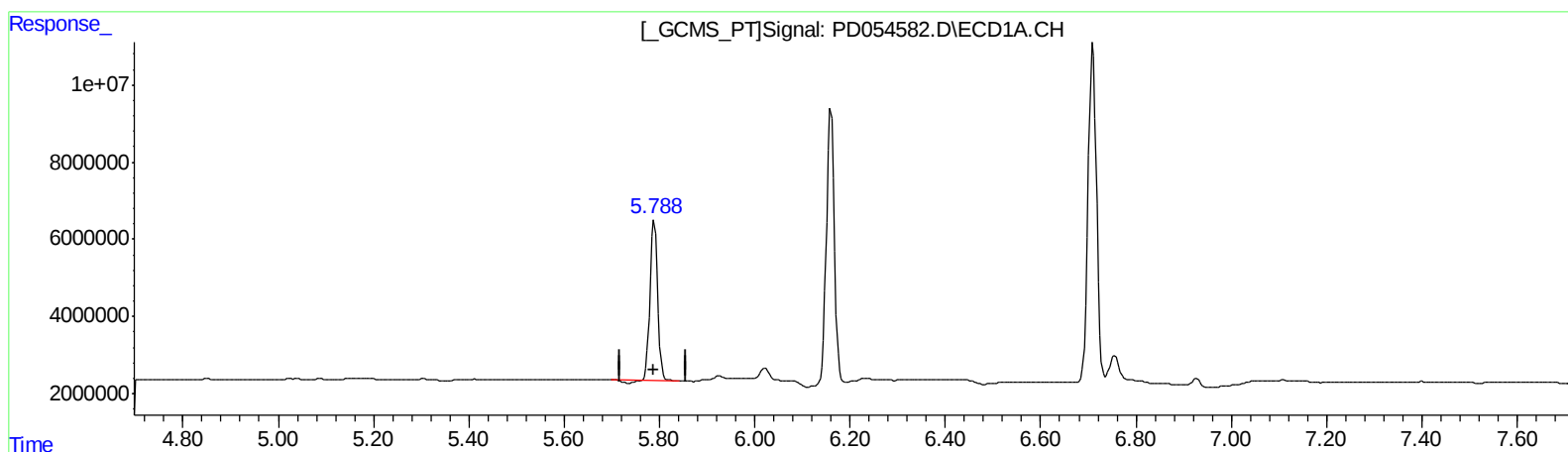
Instrument :
ECD_D
LabSampleId :
PEM03

Manual Integrations
APPROVED

Ankita
9/18/2019 9:40:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 06:08:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)

5.789min 41.817 ng/ml

response 46075823

(14) Endrin #2 (MA)

6.658min 41.446 ng/ml

response 42915447

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 18:09
Operator : SG\AJ
Sample : PEM03
Misc :
ALS Vial : 57 Sample Multiplier: 1

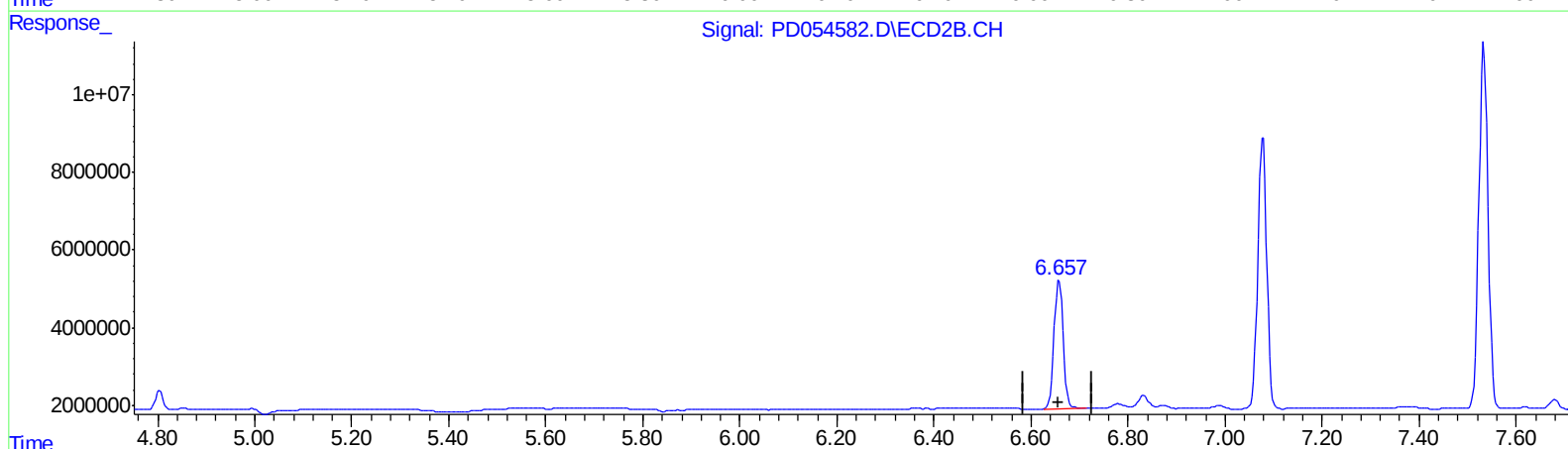
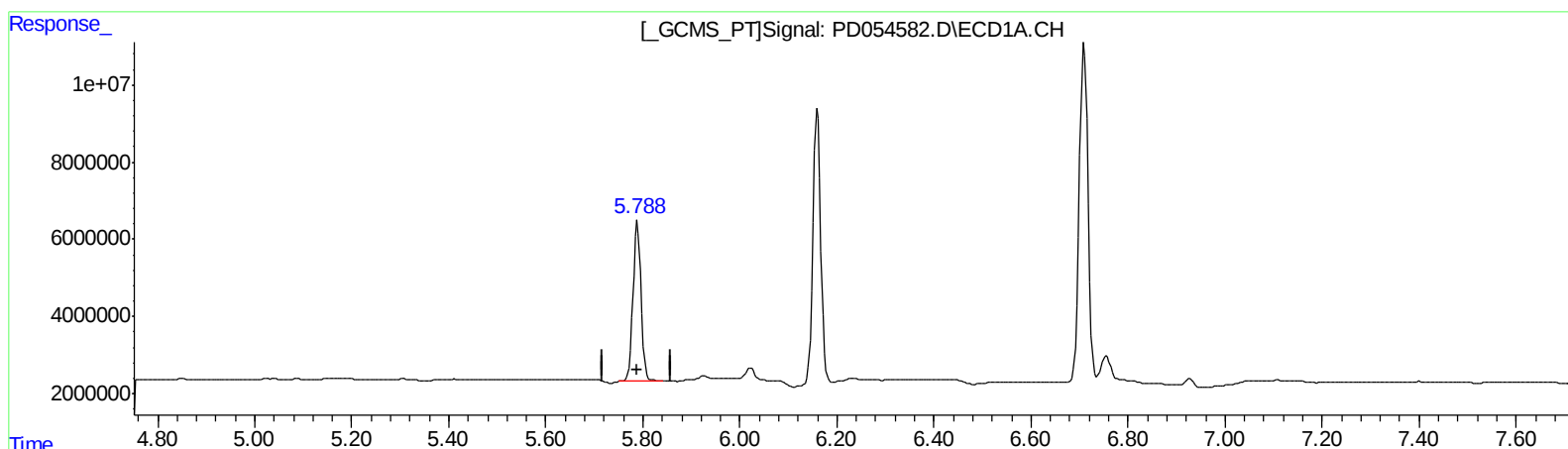
Instrument :
ECD_D
LabSampleId :
PEM03

Manual Integrations
APPROVED

Ankita
9/18/2019 9:40:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 06:08:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)
5.788min 43.484 ng/ml m
response 47911715

(14) Endrin #2 (MA)
6.658min 41.446 ng/ml
response 42915447

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 18:09
Operator : SG\AJ
Sample : PEM03
Misc :
ALS Vial : 57 Sample Multiplier: 1

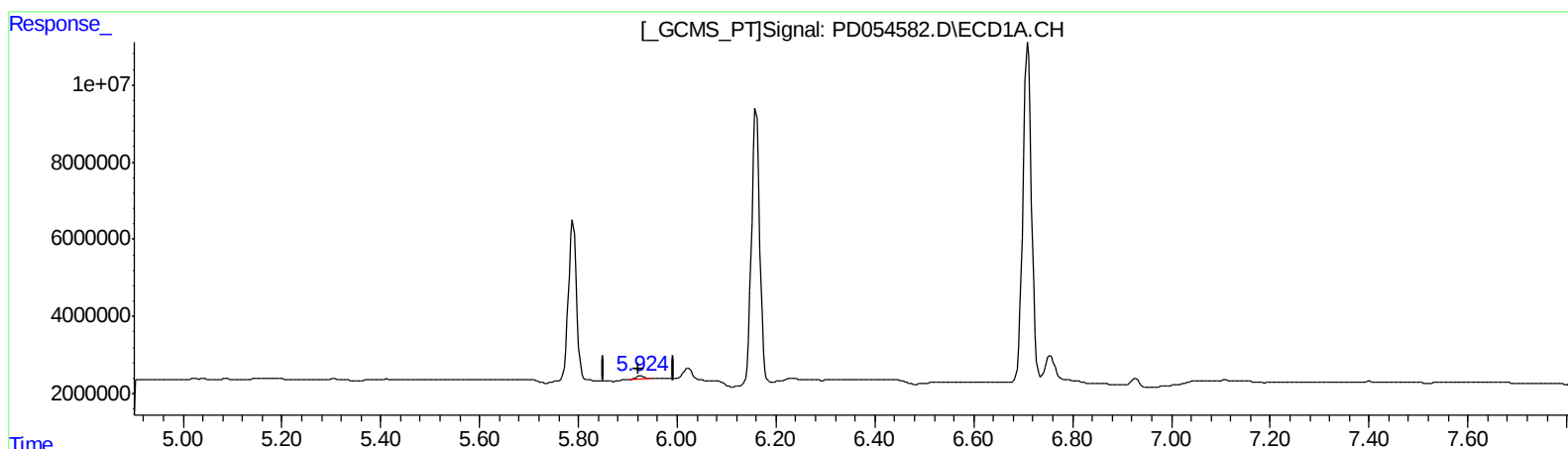
Instrument :
ECD_D
LabSampleId :
PEM03

Manual Integrations
APPROVED

Ankita
9/18/2019 9:40:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 06:08:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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



(16) 4,4'-DDD (A)
5.924min 0.839 ng/ml m
response 910562

(16) 4,4'-DDD #2 (A)
6.778min 1.019 ng/ml m
response 1185294

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 18:09
Operator : SG\AJ
Sample : PEM03
Misc :
ALS Vial : 57 Sample Multiplier: 1

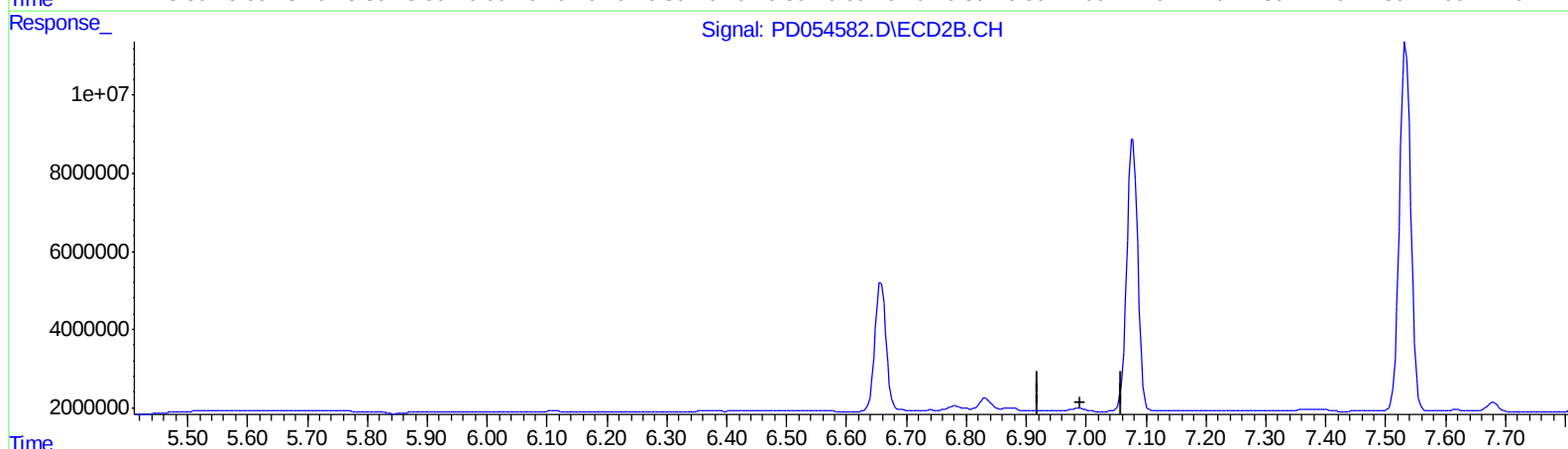
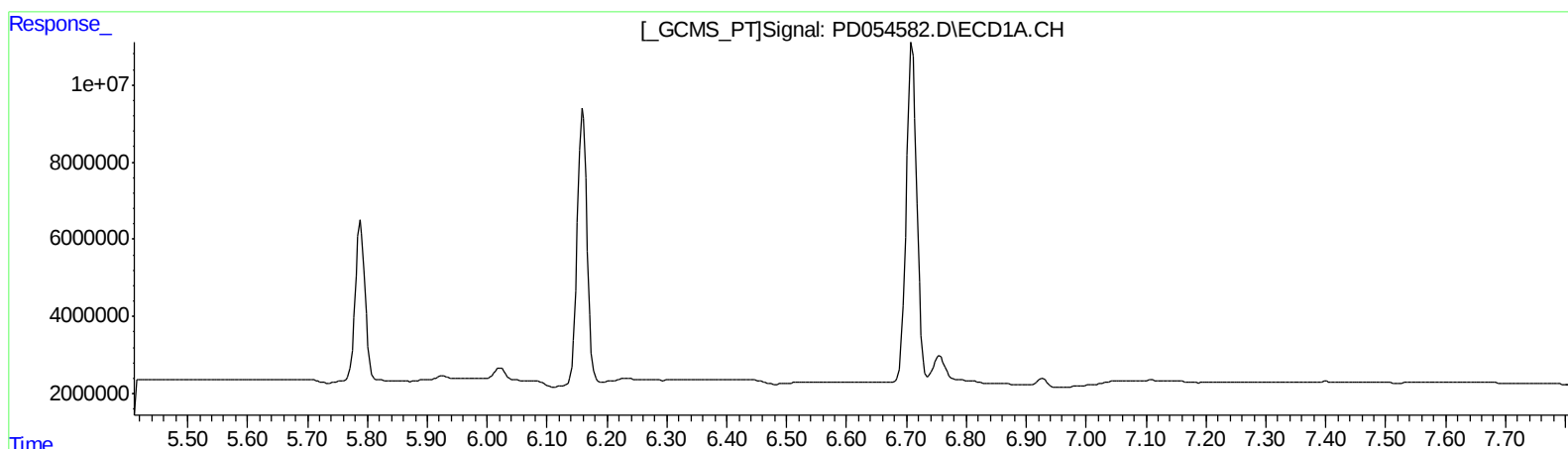
Instrument :
ECD_D
LabSampleId :
PEM03

Manual Integrations
APPROVED

Ankita
9/18/2019 9:40:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 06:08:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

response 0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 18:09
Operator : SG\AJ
Sample : PEM03
Misc :
ALS Vial : 57 Sample Multiplier: 1

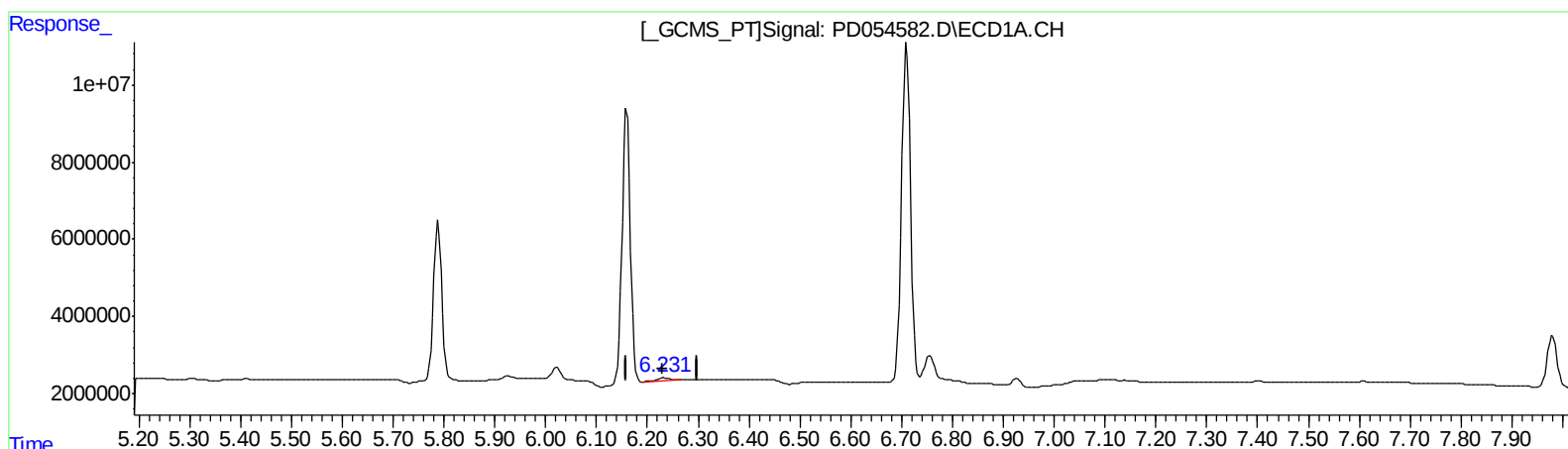
Instrument :
ECD_D
LabSampleId :
PEM03

Manual Integrations
APPROVED

Ankita
9/18/2019 9:40:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 06:08:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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



(18) Endrin aldehyde (B)

6.231min 1.359 ng/ml m

response 1326092

(18) Endrin aldehyde #2 (B)

6.988min 1.011 ng/ml m

response 1071521

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 18:09
Operator : SG\AJ
Sample : PEM03
Misc :
ALS Vial : 57 Sample Multiplier: 1

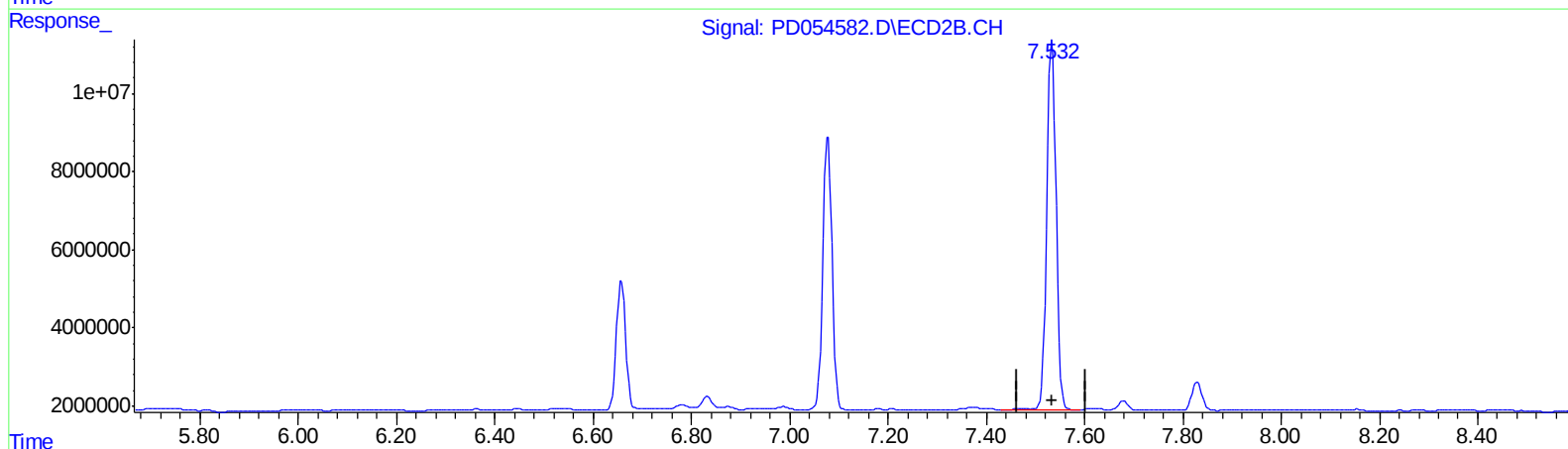
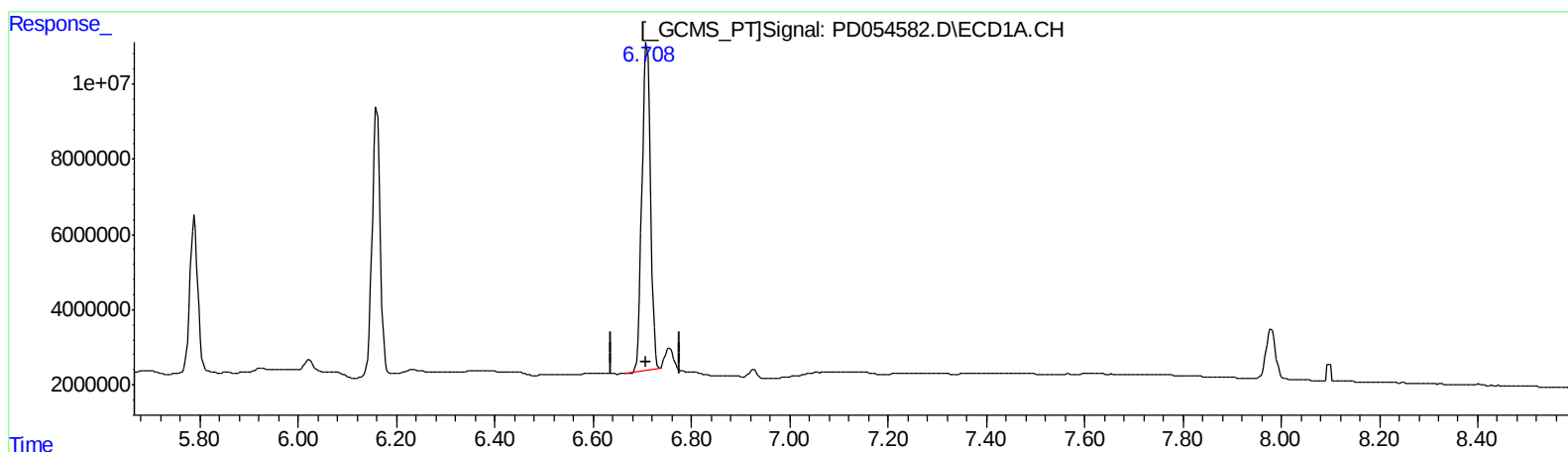
Instrument :
ECD_D
LabSampleId :
PEM03

Manual Integrations
APPROVED

Ankita
9/18/2019 9:40:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 06:08:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

(20) Methoxychlor (A)
6.710min 202.866 ng/ml
response 105359871

(20) Methoxychlor #2 (A)
7.534min 204.306 ng/ml
response 125418713

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 18:09
Operator : SG\AJ
Sample : PEM03
Misc :
ALS Vial : 57 Sample Multiplier: 1

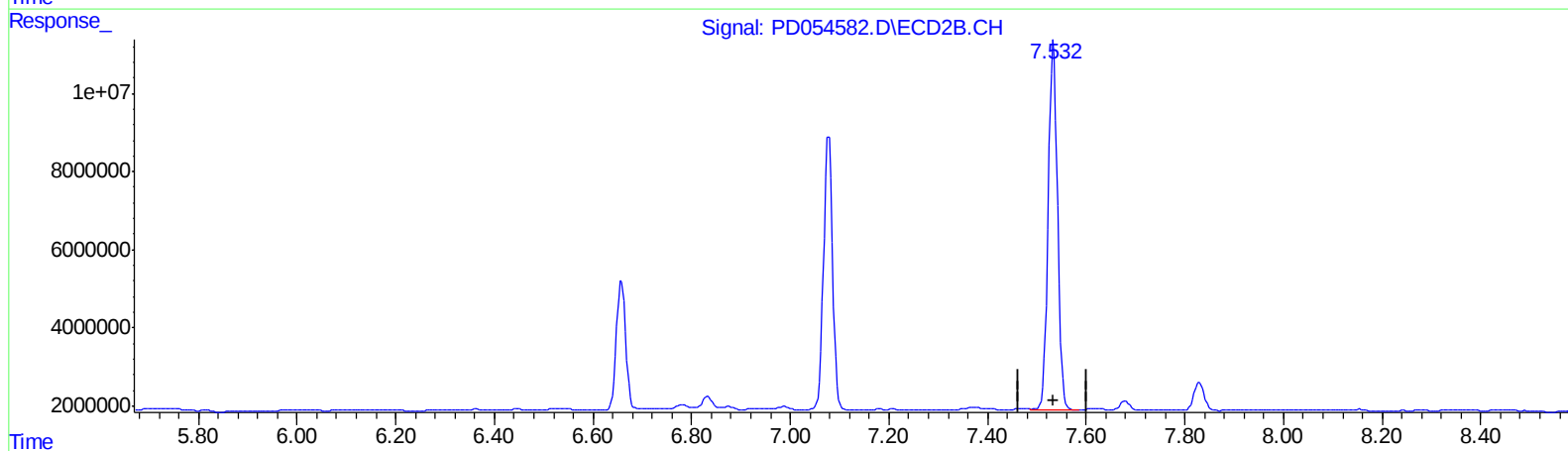
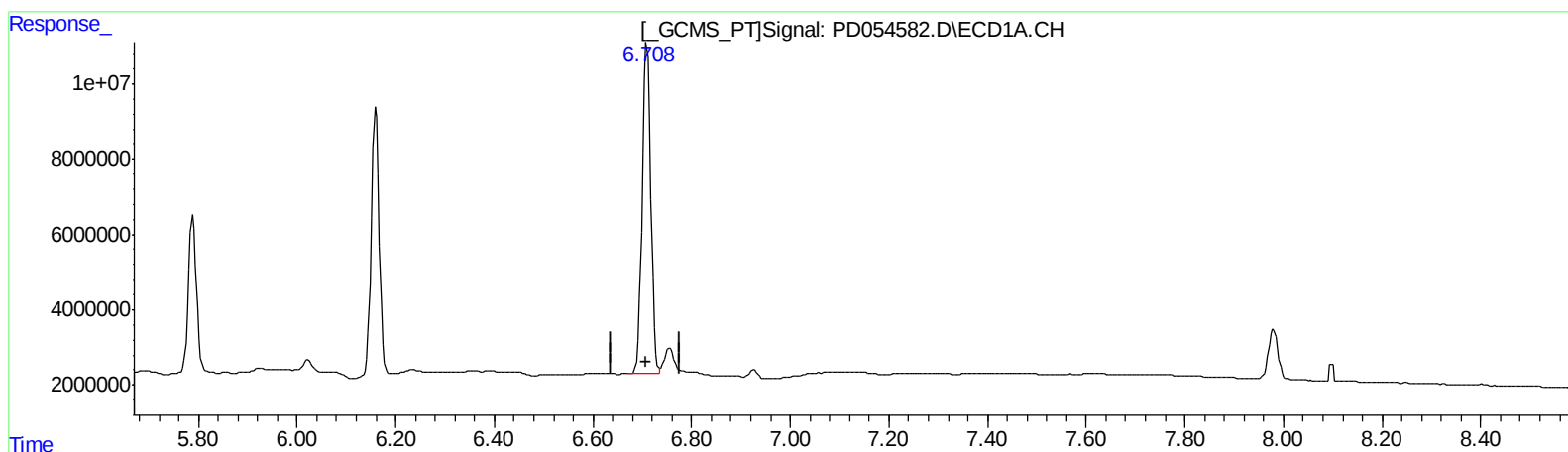
Instrument :
ECD_D
LabSampleId :
PEM03

Manual Integrations
APPROVED

Ankita
9/18/2019 9:40:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 06:08:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

(20) Methoxychlor (A)
6.708min 208.052 ng/ml m
response 108053167

(20) Methoxychlor #2 (A)
7.532min 202.694 ng/ml m
response 124429011

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 18:09
Operator : SG\AJ
Sample : PEM03
Misc :
ALS Vial : 57 Sample Multiplier: 1

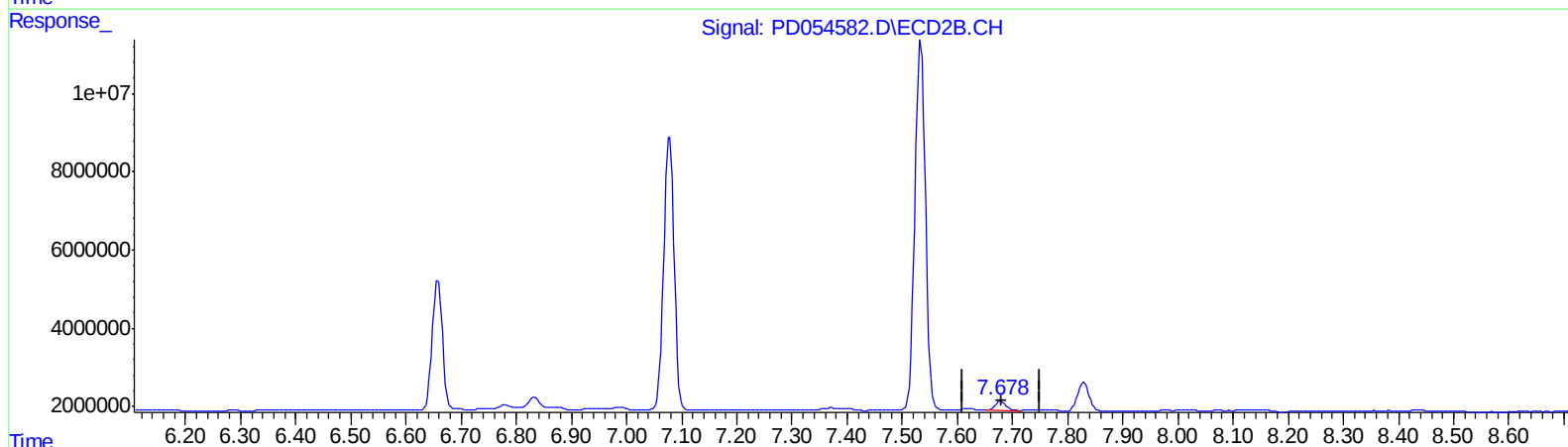
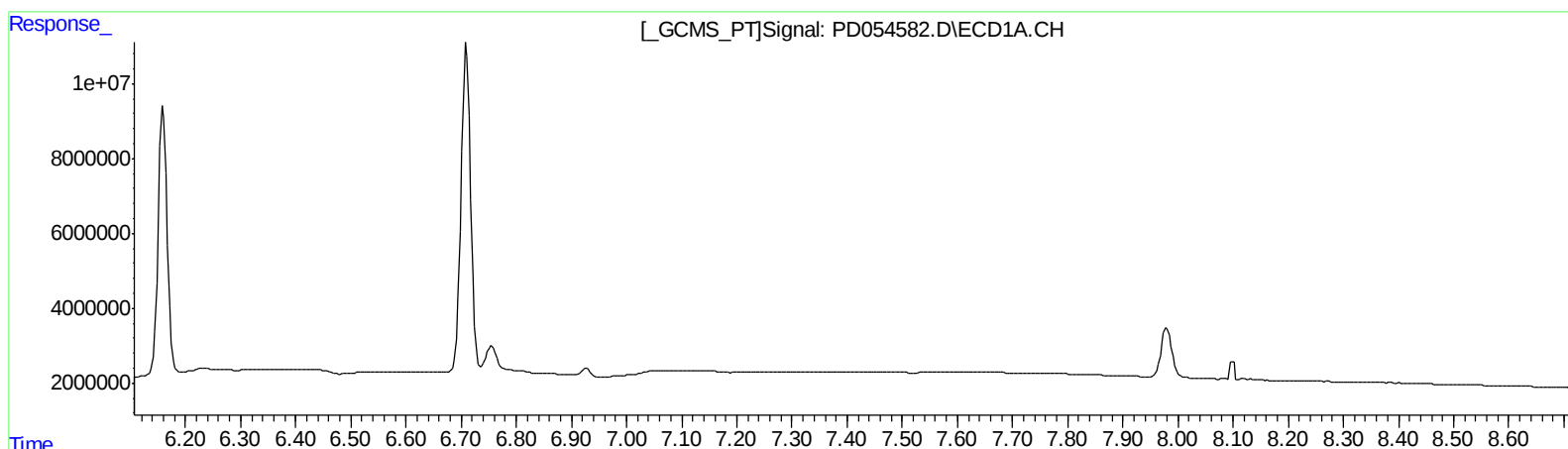
Instrument :
ECD_D
LabSampleId :
PEM03

Manual Integrations
APPROVED

Ankita
9/18/2019 9:40:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 06:08:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

(21) Endrin ketone (B)

0.000min 0.000 ng/ml

response 0

(21) Endrin ketone #2 (B)

7.679min 2.343 ng/ml

response 3150981

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 18:09
Operator : SG\AJ
Sample : PEM03
Misc :
ALS Vial : 57 Sample Multiplier: 1

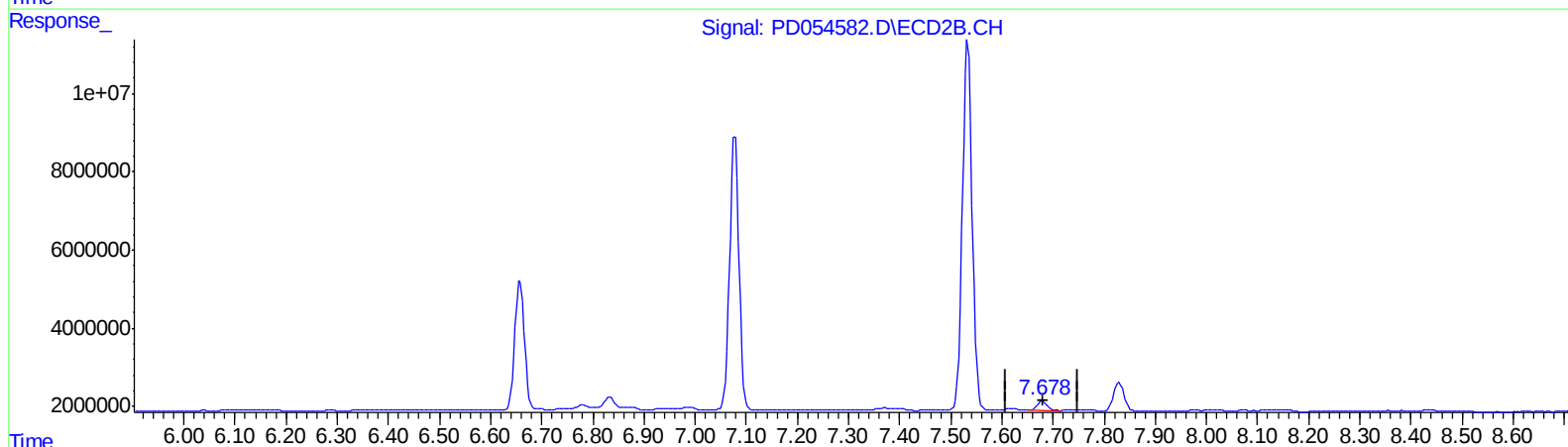
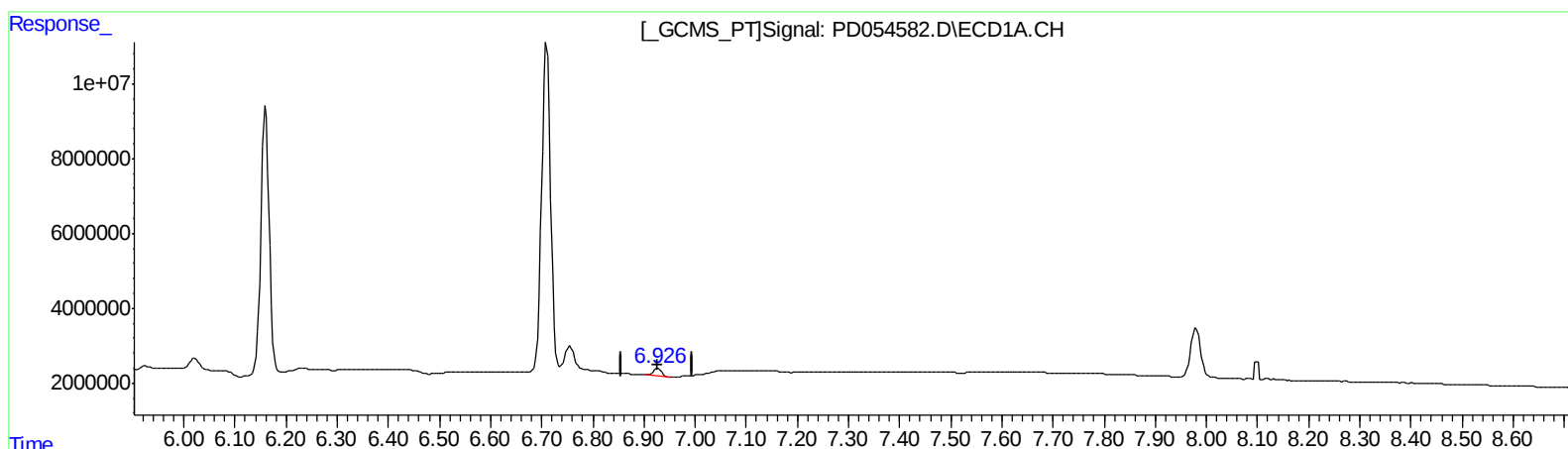
Instrument :
ECD_D
LabSampleId :
PEM03

Manual Integrations
APPROVED

Ankita
9/18/2019 9:40:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 06:08:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

(21) Endrin ketone (B)

6.926min 1.863 ng/ml m

response 2359085

(21) Endrin ketone #2 (B)

7.679min 2.343 ng/ml

response 3150981

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
 Data File : PD054582.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Sep 2019 18:09
 Operator : SG\AJ
 Sample : PEM03
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_D
 LabSampleId :
 PEM03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 06:08:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 17 05:19:07 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Manual Integrations
 APPROVED

Ankita
 9/18/2019 9:40:18 AM

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...	3.296	3.967	15295301	15515022	16.831	16.014
27) SA Decachlor...	7.980	9.004	17974138	18370376	16.473	16.402
Target Compounds						
2) A alpha-BHC	3.724	4.354	11257307	10634735	8.272	7.798
3) MA gamma-BHC...	4.000	4.636	10594499	10240483	8.038	7.684
6) B beta-BHC	4.249	4.804	4569739	4978935	8.506	8.069
12) B 4,4'-DDE	5.411	6.286	174265	199141	0.135m	0.142m
14) MA Endrin	5.788	6.658	47911715	42915447	43.484m	41.446
16) A 4,4'-DDD	5.924	6.778	910562	1185294	0.839m	1.019m
17) MA 4,4'-DDT	6.160	7.078	80773323	90149929	85.942	85.079
18) B Endrin al...	6.231	6.988	1326092	1071521	1.359m	1.011m#
20) A Methoxychlor	6.708	7.532	108.1E6	124.4E6	208.052m	202.694m
21) B Endrin ke...	6.926	7.679	2359085	3150981	1.863m	2.343 #

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

AJ
 09/21/19