

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122718\
Data File : PD050887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Dec 2018 14:55
Operator : AJ\SJ
Sample : PEM20
Misc :
ALS Vial : 3 Sample Multiplier: 1

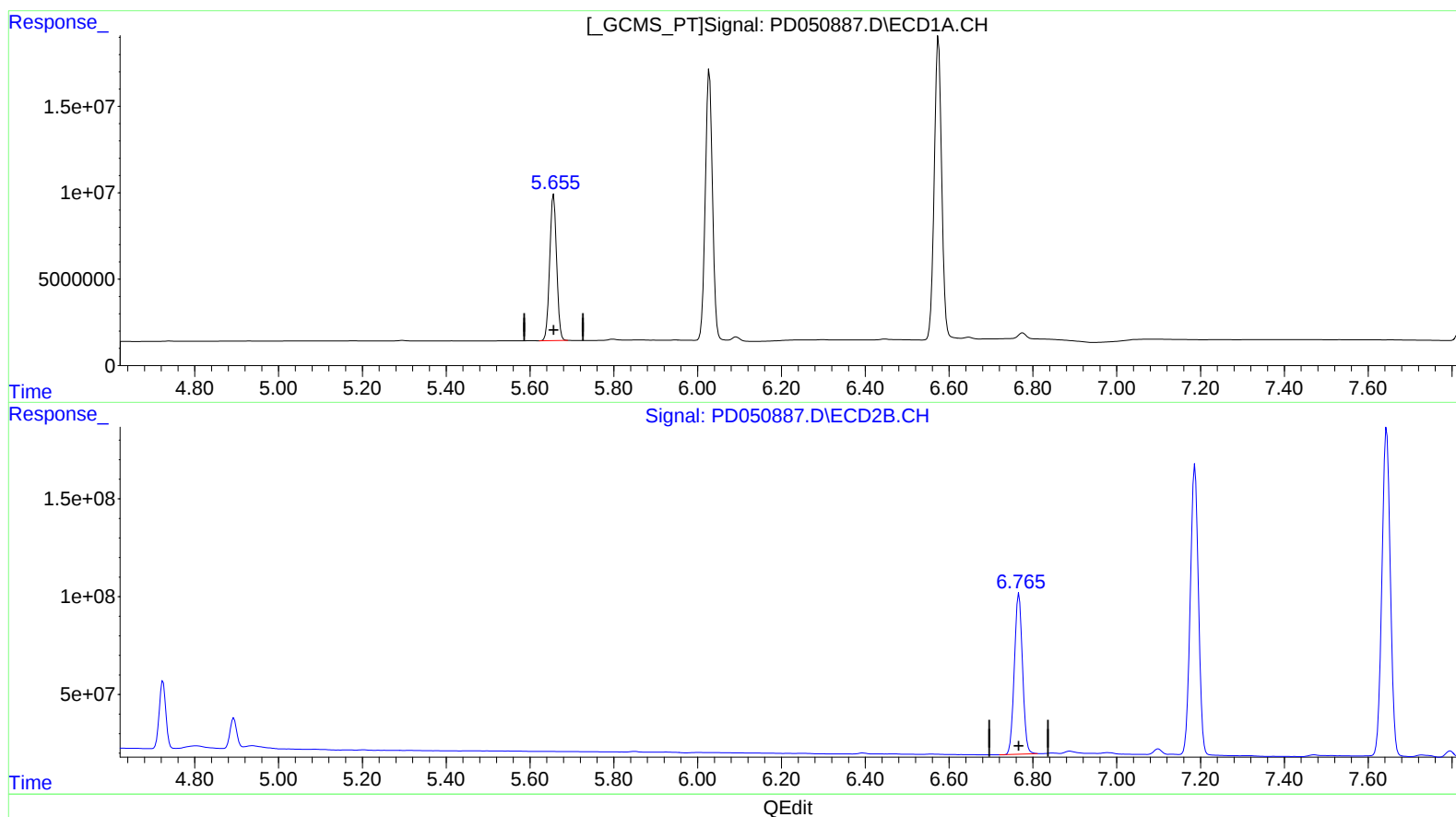
Instrument :
ECD_D
LabSampleId :
PEM20

Manual Integrations
APPROVED

Sohil
12/28/2018 10:25:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:31:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122718CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jan 03 08:35:31 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



(14) Endrin (MA)
5.657min 48.869 ng/ml
response 97337681

(14) Endrin #2 (MA)
6.767min 49.190 ng/ml
response 1110938815

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122718\
Data File : PD050887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Dec 2018 14:55
Operator : AJ\SJ
Sample : PEM20
Misc :
ALS Vial : 3 Sample Multiplier: 1

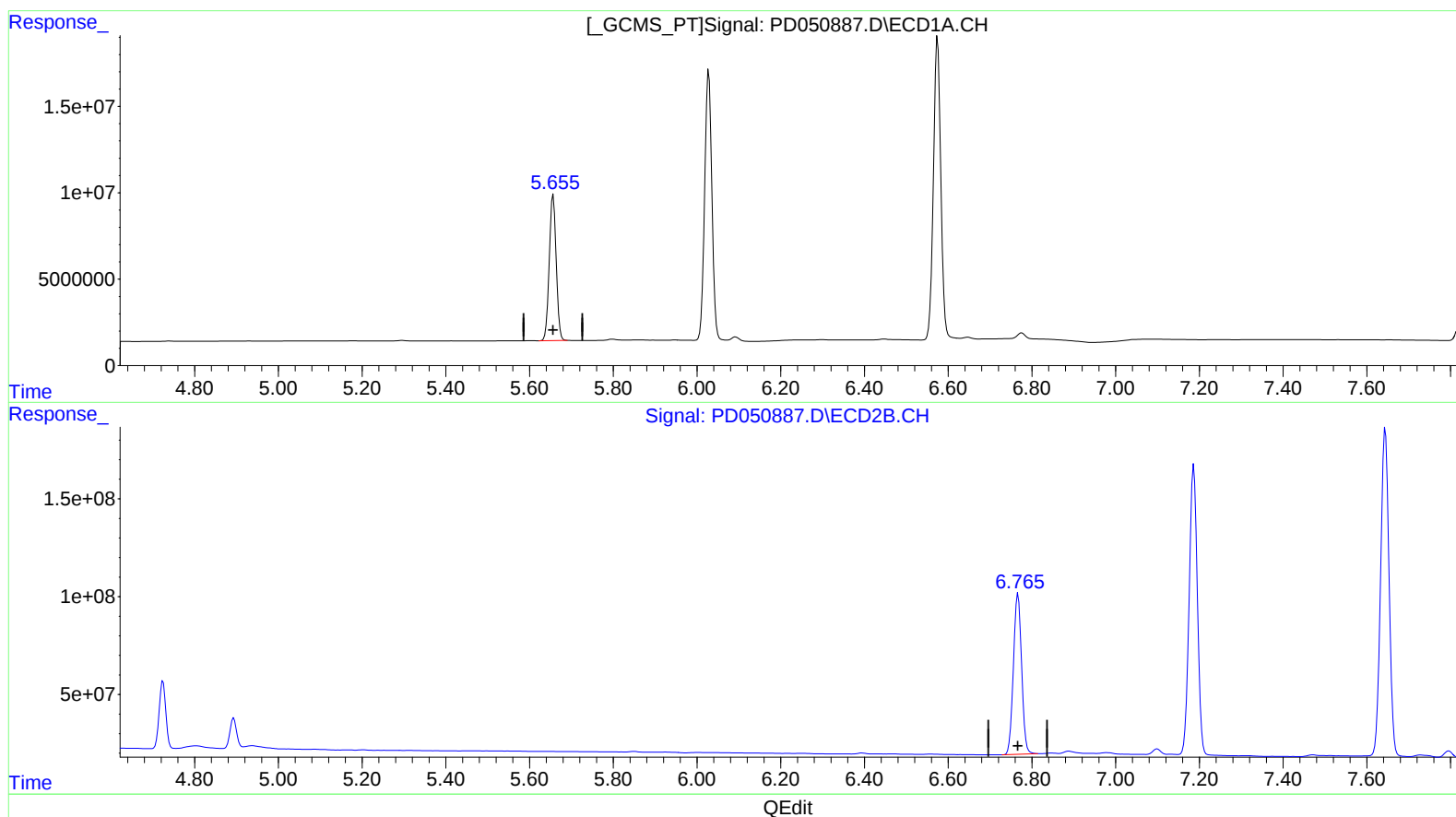
Instrument :
ECD_D
LabSampleId :
PEM20

Manual Integrations
APPROVED

Sohil
12/28/2018 10:25:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 07:02:01 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122718CLP.M
Quant Title : GC Extractables
QLast Update : Thu Dec 27 14:51:02 2018
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



(14) Endrin (MA)

5.657min 48.869 ng/ml

response 97337681

(14) Endrin #2 (MA)

6.765min 49.323 ng/ml m

response 1113943307

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122718\
Data File : PD050887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Dec 2018 14:55
Operator : AJ\SJ
Sample : PEM20
Misc :
ALS Vial : 3 Sample Multiplier: 1

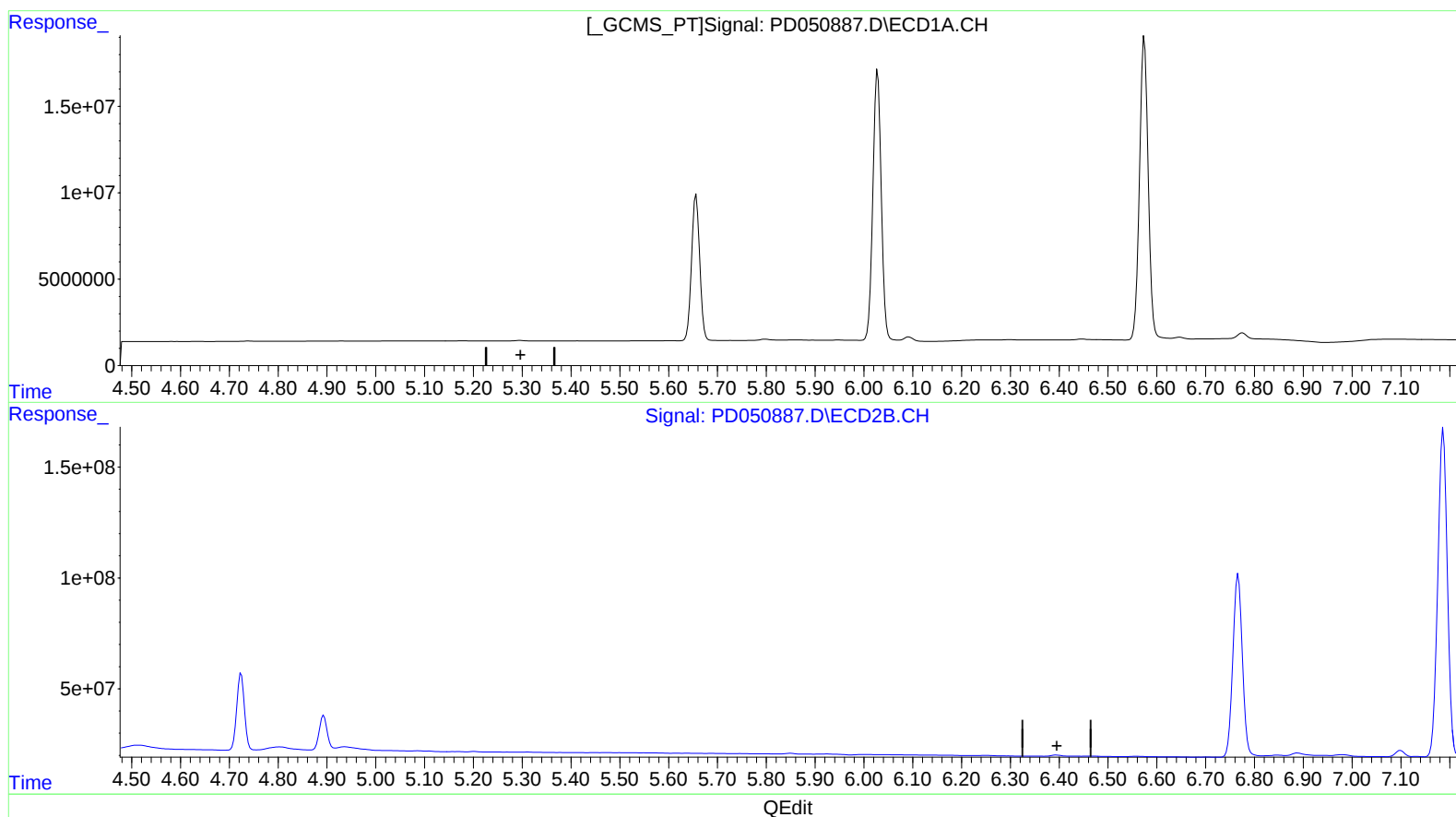
Instrument :
ECD_D
LabSampleId :
PEM20

Manual Integrations
APPROVED

Sohil
12/28/2018 10:25:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:31:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122718CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jan 03 08:35:31 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\PD122718\
Data File : PD050887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Dec 2018 14:55
Operator : AJ\SJ
Sample : PEM20
Misc :
ALS Vial : 3 Sample Multiplier: 1

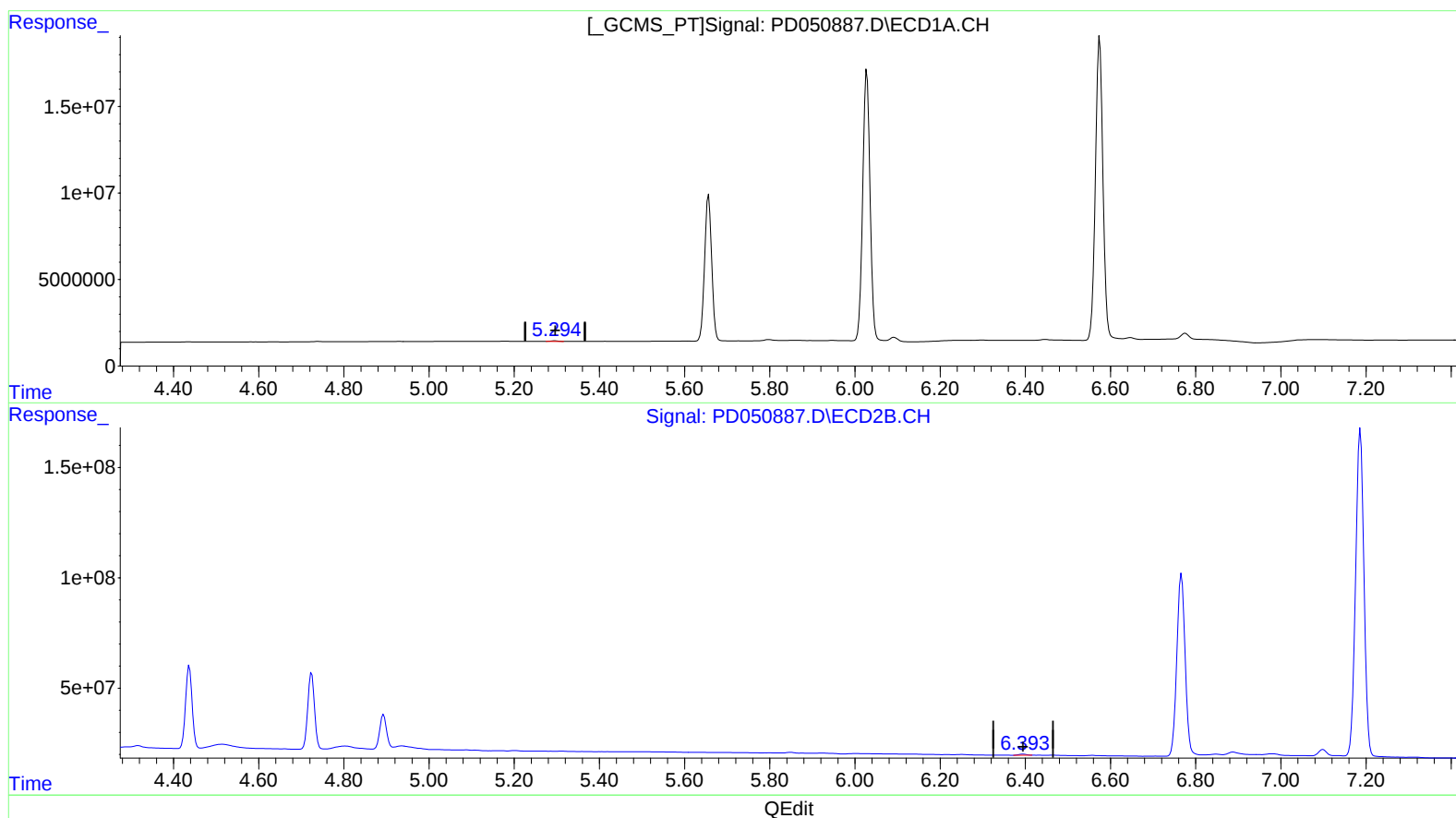
Instrument :
ECD_D
LabSampleId :
PEM20

Manual Integrations
APPROVED

Sohil
12/28/2018 10:25:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 07:02:01 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122718CLP.M
Quant Title : GC Extractables
QLast Update : Thu Dec 27 14:51:02 2018
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
5.294min 0.232 ng/ml m
response 476209

(12) 4,4'-DDE #2 (B)
6.393min 0.227 ng/ml m
response 6212009

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122718\
Data File : PD050887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Dec 2018 14:55
Operator : AJ\SJ
Sample : PEM20
Misc :
ALS Vial : 3 Sample Multiplier: 1

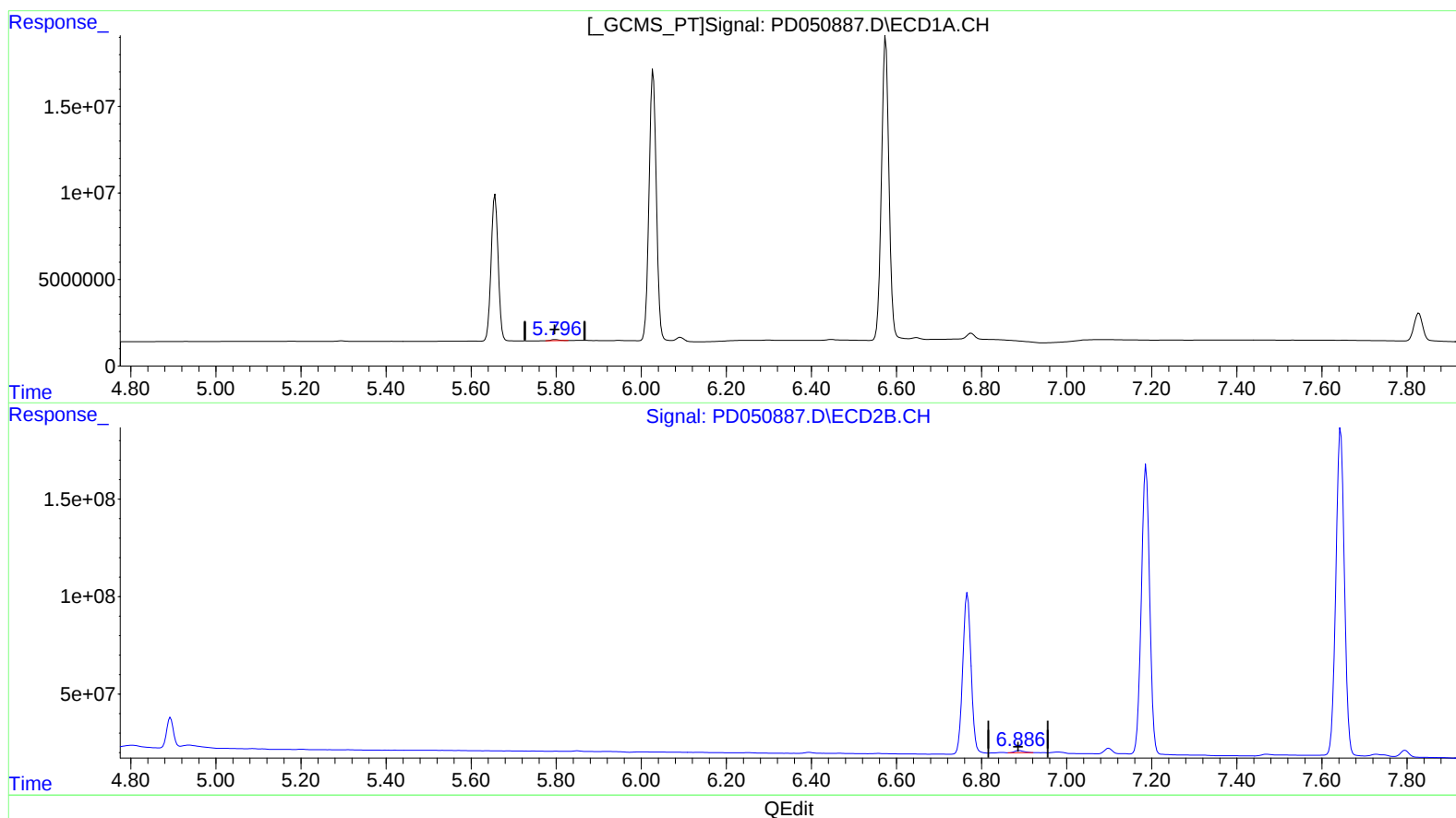
Instrument :
ECD_D
LabSampleId :
PEM20

Manual Integrations
APPROVED

Sohil
12/28/2018 10:25:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 07:02:01 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122718CLP.M
Quant Title : GC Extractables
QLast Update : Thu Dec 27 14:51:02 2018
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)
5.796min 0.484 ng/ml m
response 836810

(16) 4,4'-DDD #2 (A)
6.886min 0.778 ng/ml m
response 17809484

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122718\
Data File : PD050887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Dec 2018 14:55
Operator : AJ\SJ
Sample : PEM20
Misc :
ALS Vial : 3 Sample Multiplier: 1

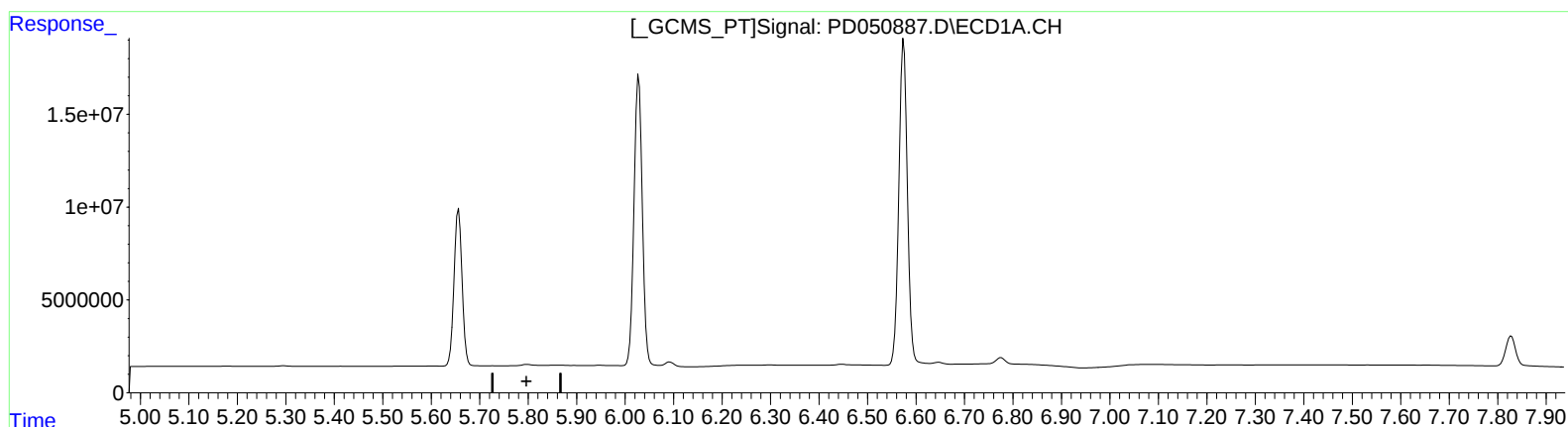
Instrument :
ECD_D
LabSampleId :
PEM20

Manual Integrations
APPROVED

Sohil
12/28/2018 10:25:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:31:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122718CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jan 03 08:35:31 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)

0.000min 0.000 ng/ml

response 0

(16) 4,4'-DDD #2 (A)

6.888min 0.598 ng/ml

response 13688262

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122718\
Data File : PD050887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Dec 2018 14:55
Operator : AJ\SJ
Sample : PEM20
Misc :
ALS Vial : 3 Sample Multiplier: 1

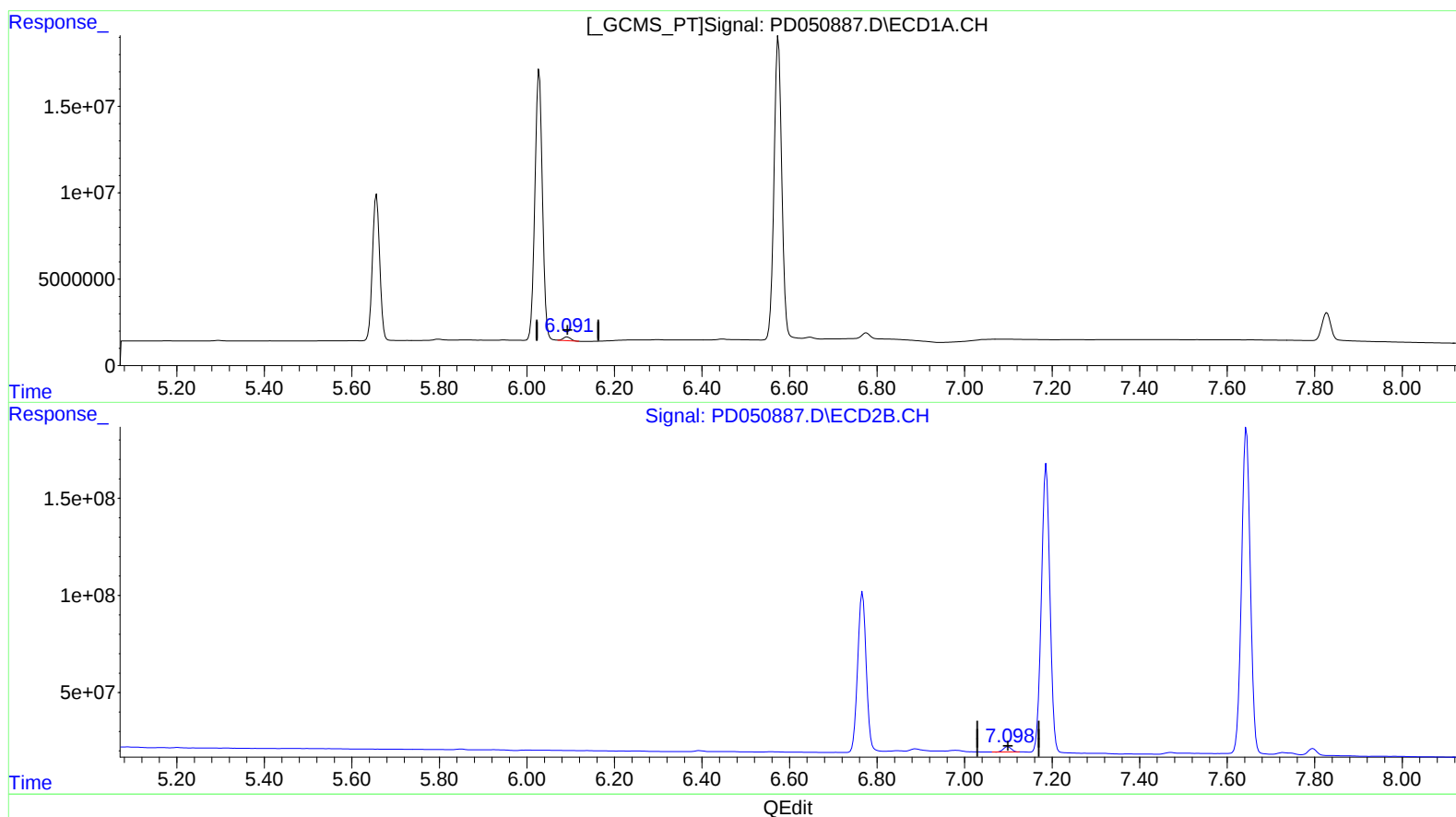
Instrument :
ECD_D
LabSampleId :
PEM20

Manual Integrations
APPROVED

Sohil
12/28/2018 10:25:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 07:02:01 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122718CLP.M
Quant Title : GC Extractables
QLast Update : Thu Dec 27 14:51:02 2018
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)

6.091min 1.744 ng/ml m

response 2618477

(18) Endrin aldehyde #2 (B)

7.099min 1.759 ng/ml

response 34286438

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122718\
Data File : PD050887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Dec 2018 14:55
Operator : AJ\SJ
Sample : PEM20
Misc :
ALS Vial : 3 Sample Multiplier: 1

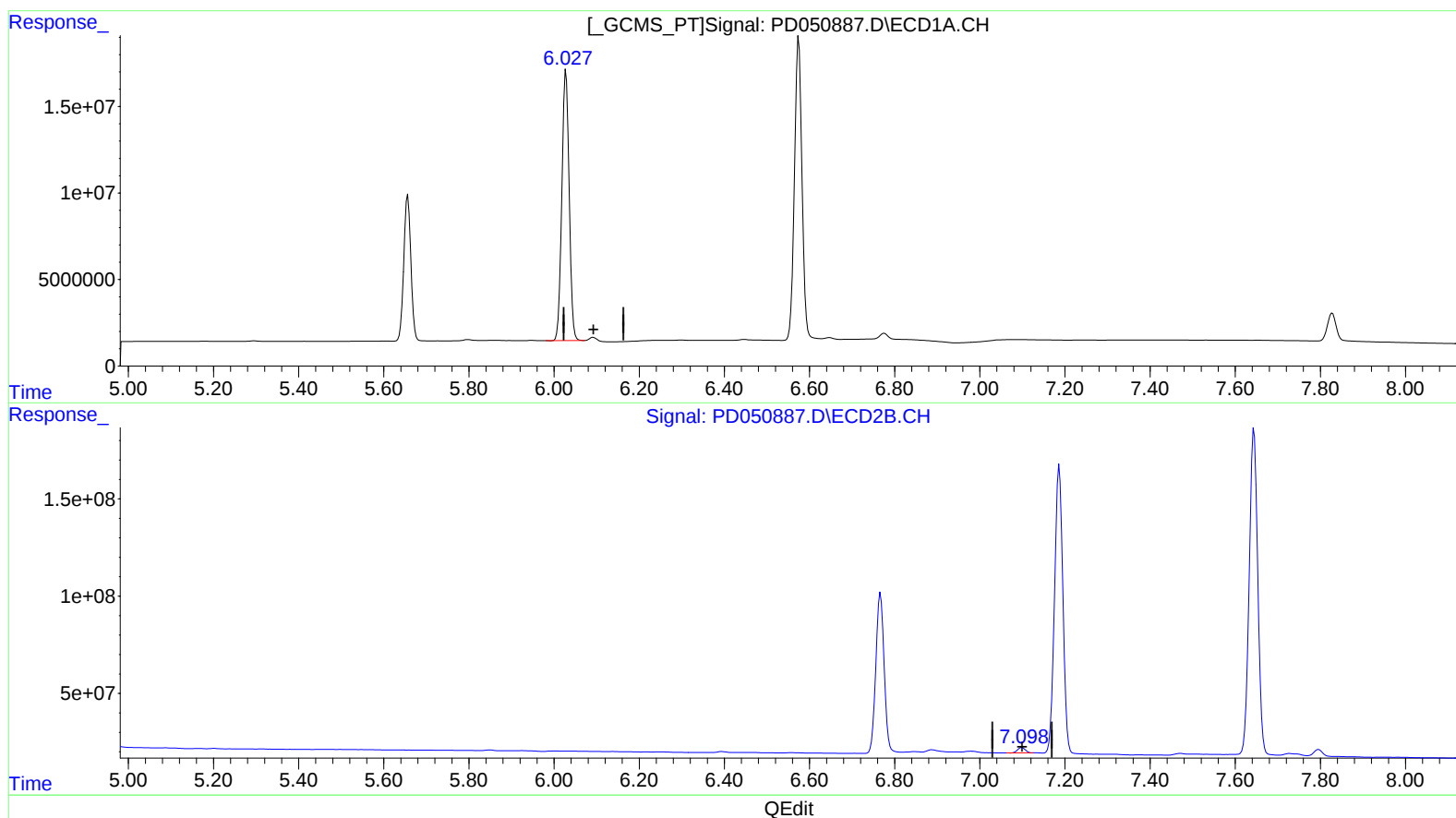
Instrument :
ECD_D
LabSampleId :
PEM20

Manual Integrations
APPROVED

Sohil
12/28/2018 10:25:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:31:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122718CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jan 03 08:35:31 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)

6.028min 124.015 ng/ml

response 186224794

(18) Endrin aldehyde #2 (B)

7.099min 1.759 ng/ml

response 34286438

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122718\
Data File : PD050887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Dec 2018 14:55
Operator : AJ\SJ
Sample : PEM20
Misc :
ALS Vial : 3 Sample Multiplier: 1

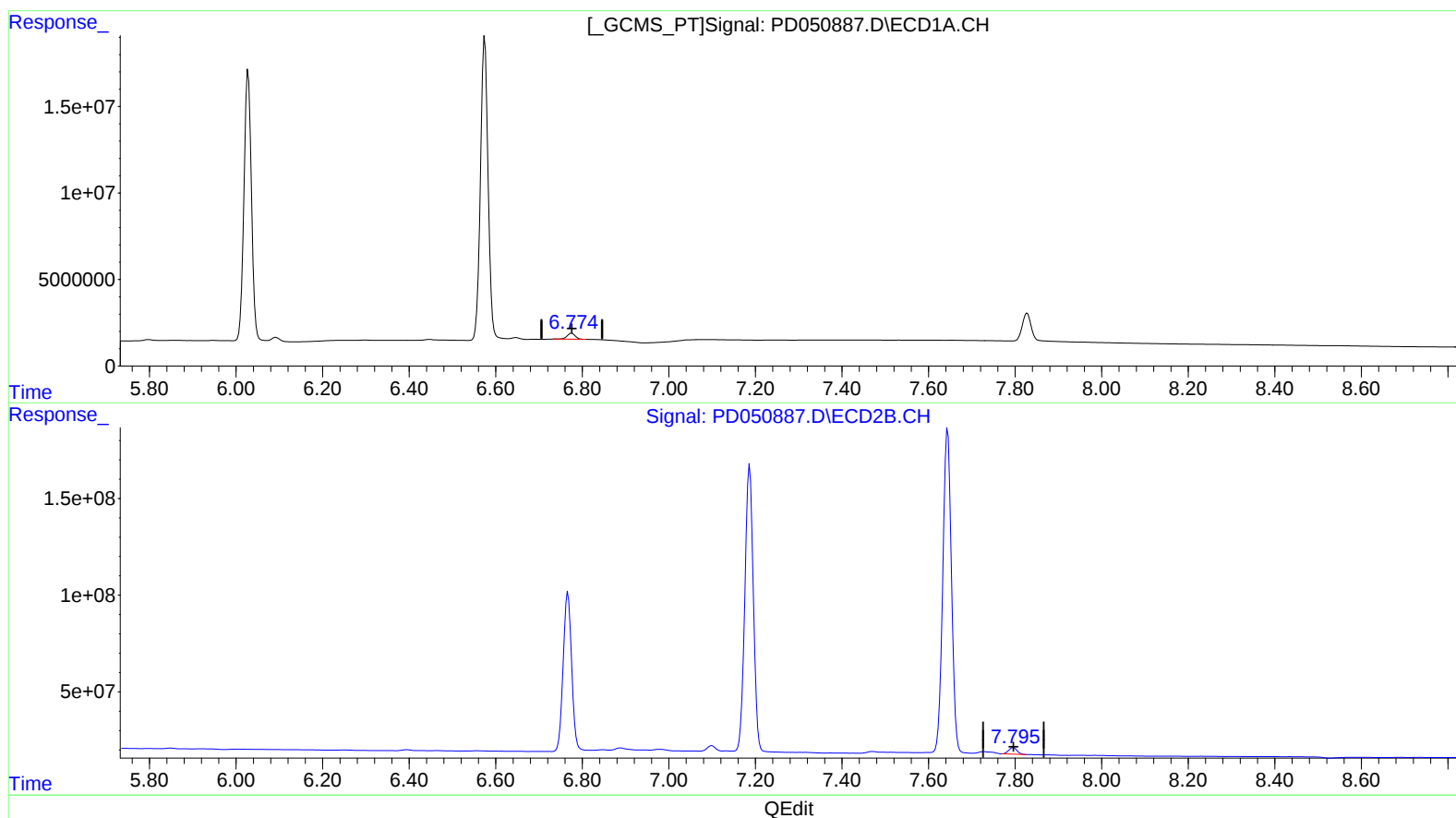
Instrument :
ECD_D
LabSampleId :
PEM20

Manual Integrations
APPROVED

Sohil
12/28/2018 10:25:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 07:02:01 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122718CLP.M
Quant Title : GC Extractables
QLast Update : Thu Dec 27 14:51:02 2018
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



(21) Endrin ketone (B)

6.776min 2.478 ng/ml

response 4570283

(21) Endrin ketone #2 (B)

7.795min 2.126 ng/ml m

response 45120613

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122718\
Data File : PD050887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Dec 2018 14:55
Operator : AJ\SJ
Sample : PEM20
Misc :
ALS Vial : 3 Sample Multiplier: 1

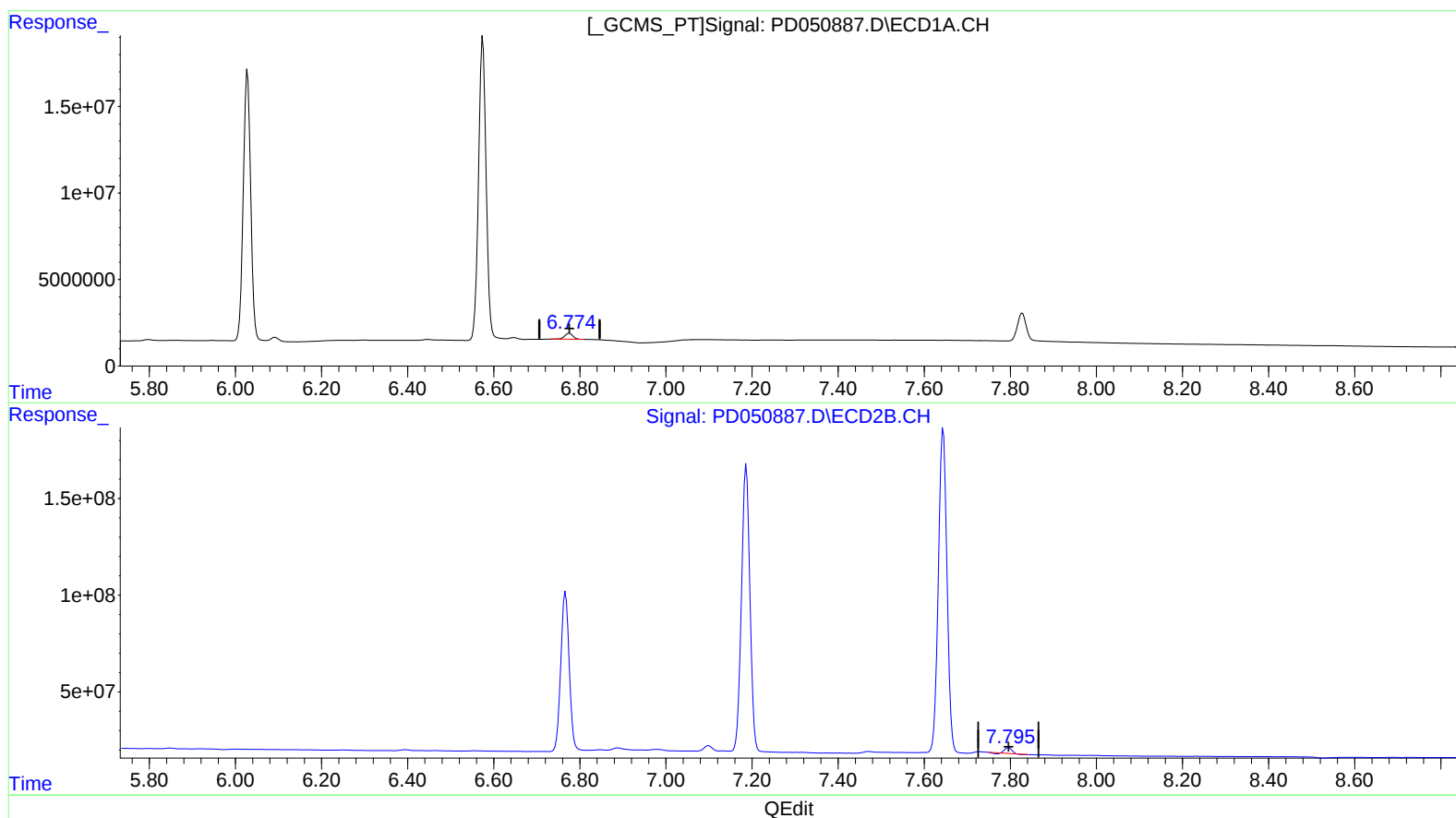
Instrument :
ECD_D
LabSampleId :
PEM20

Manual Integrations
APPROVED

Sohil
12/28/2018 10:25:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:31:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122718CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jan 03 08:35:31 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



(21) Endrin ketone (B)

6.776min 2.478 ng/ml

response 4570283

(21) Endrin ketone #2 (B)

7.796min 1.292 ng/ml

response 27422449

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122718\
 Data File : PD050887.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Dec 2018 14:55
 Operator : AJ\SJ
 Sample : PEM20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 LabSampleId :
 PEM20

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 07:02:01 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122718CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 27 14:51:02 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Manual Integrations
 APPROVED

Sohil
 12/28/2018 10:25:14 AM

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.226	4.046	28751028	517.7E6	18.636	19.202
27) SA Decachlor...	7.828	9.152	22997099	394.0E6	20.411	21.186
Target Compounds						
2) A alpha-BHC	3.646	4.437	20473571	401.6E6	8.729	9.885
3) MA gamma-BHC...	3.915	4.724	20640303	379.7E6	9.082	10.136
6) B beta-BHC	4.160	4.893	9425698	177.5E6	9.690	10.590
12) B 4,4'-DDE	5.294	6.393	476209	6212009	0.232m	0.227m
14) MA Endrin	5.657	6.765	97337681	1113.9E6	48.869	49.323m
16) A 4,4'-DDD	5.796	6.886	836810	17809484	0.484m	0.778m#
17) MA 4,4'-DDT	6.028	7.187	186.2E6	2004.5E6	102.259	96.120
18) B Endrin al...	6.091	7.099	2618477	34286438	1.744m	1.759
20) A Methoxychlor	6.575	7.644	213.7E6	2328.9E6	235.967	239.781
21) B Endrin ke...	6.776	7.795	4570283	45120613	2.478	2.126m

SJ
 01/03/19

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