

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

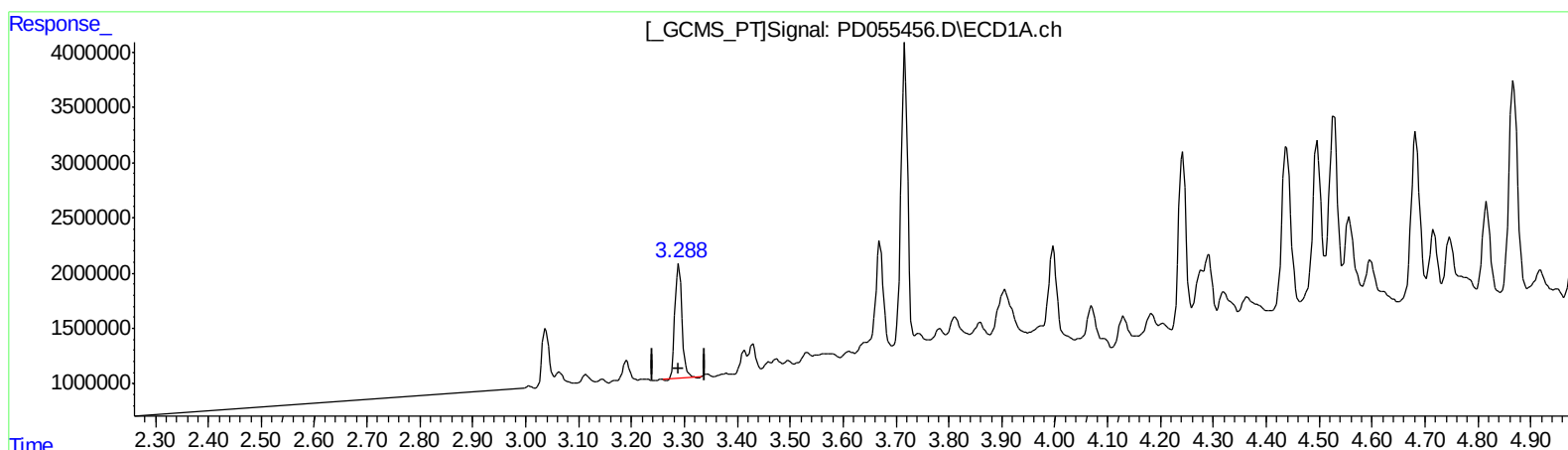
Instrument :
ECD_D
ClientSampleId :
BFB80RE

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:46 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 23:14:00 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101819CLP.M
Quant Title : GC Extractables
QLast Update : Sat Oct 19 00:42:03 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



(1) Tetrachloro-m-xylene (SA)

3.290min 10.671 ng/ml

response 9513903

(1) Tetrachloro-m-xylene #2 (SA)

3.962min 10.459 ng/ml

response 14081549

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

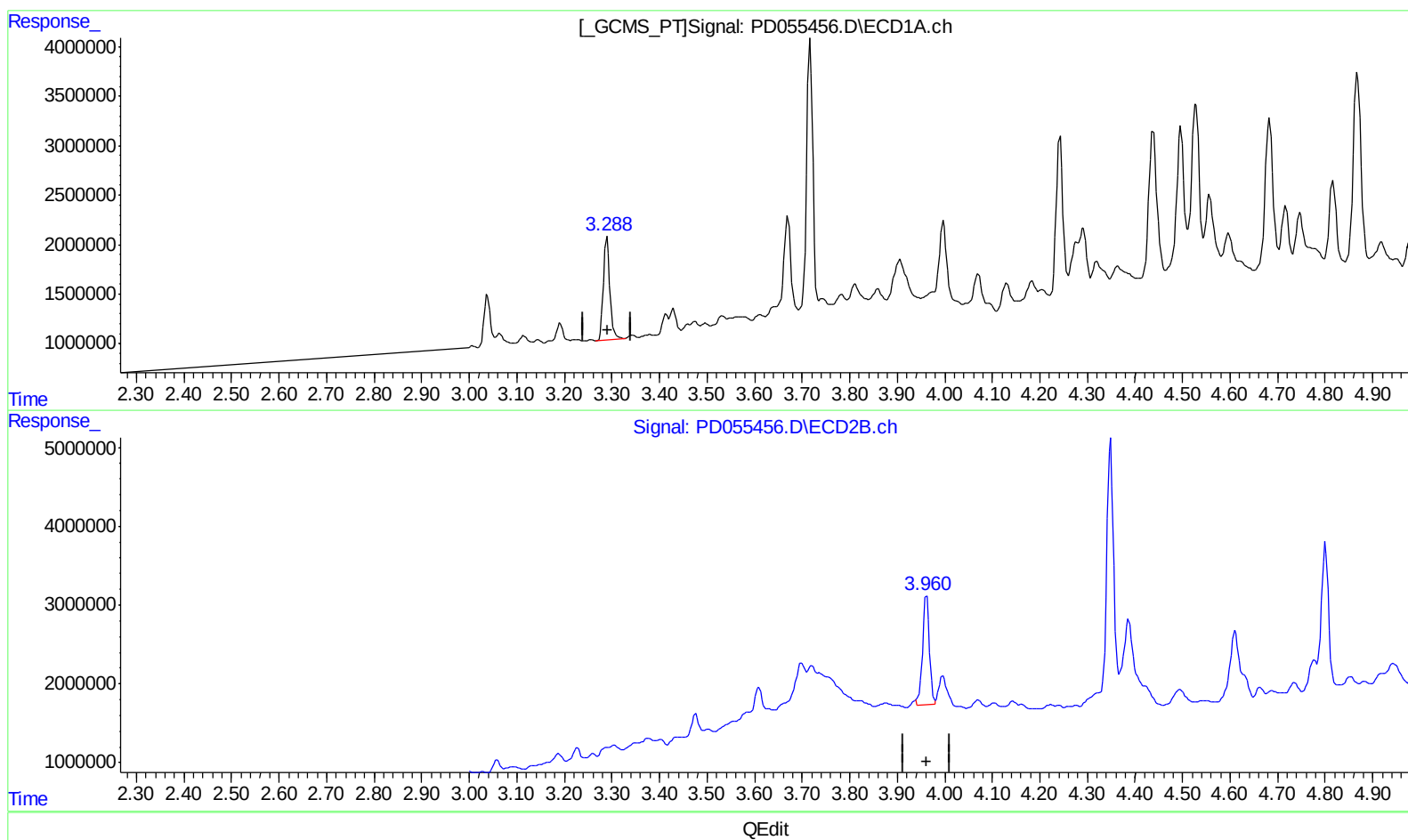
Instrument :
ECD_D
ClientSampleId :
BFB80RE

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:46 AM

Integration File signal 1: autoint1.e
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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



(1) Tetrachloro-m-xylene (SA)

3.288min 10.904 ng/ml m

response 9721650

(1) Tetrachloro-m-xylene #2 (SA)

3.960min 10.759 ng/ml m

response 14484768

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

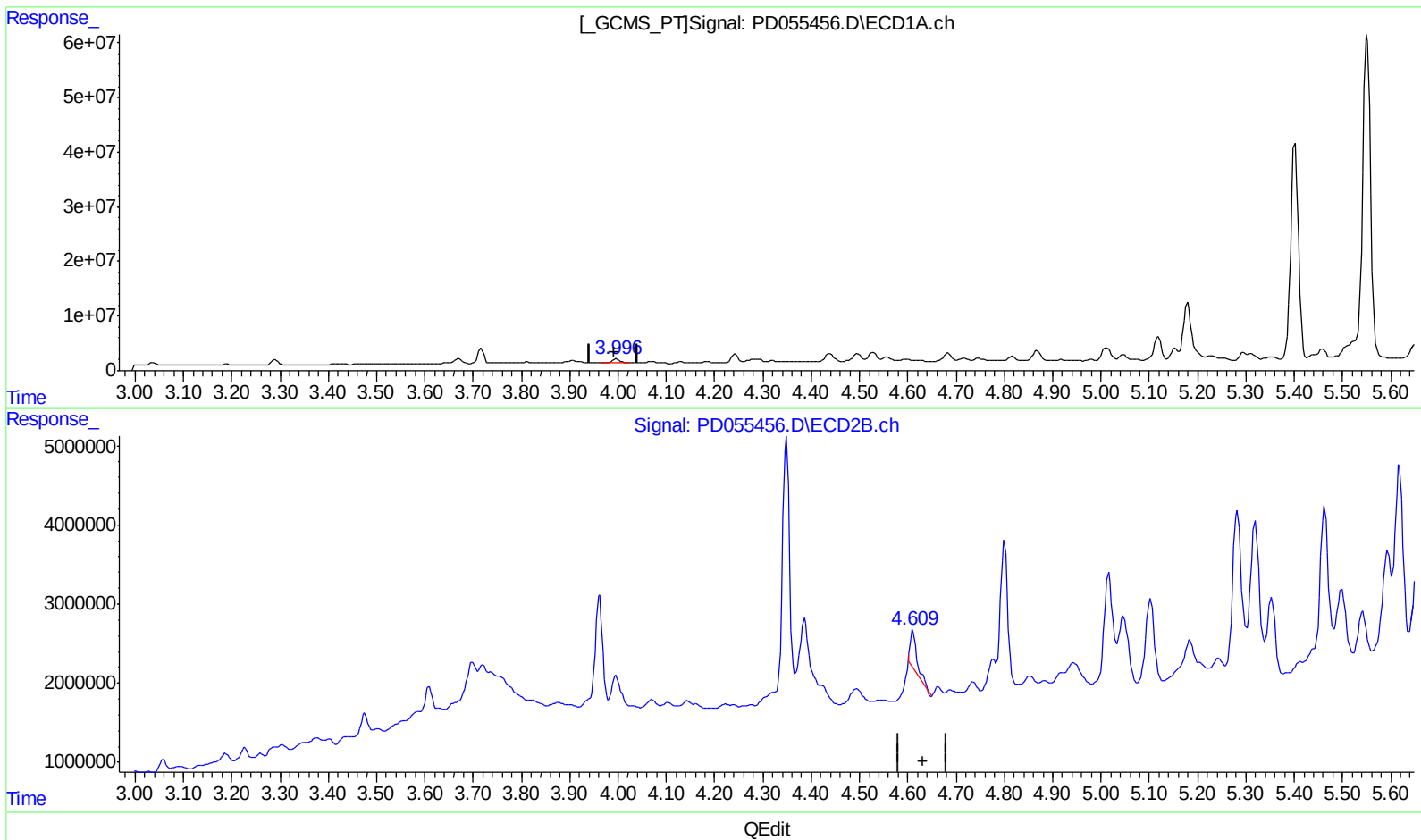
Instrument :
ECD_D
ClientSampleId :
BFB80RE

Manual Integrations
APPROVED

Ankita
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Integration File signal 1: autoint1.e
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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



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

3.997min 6.794 ng/ml

response 8051408

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

4.611min 2.555 ng/ml

response 4711324

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

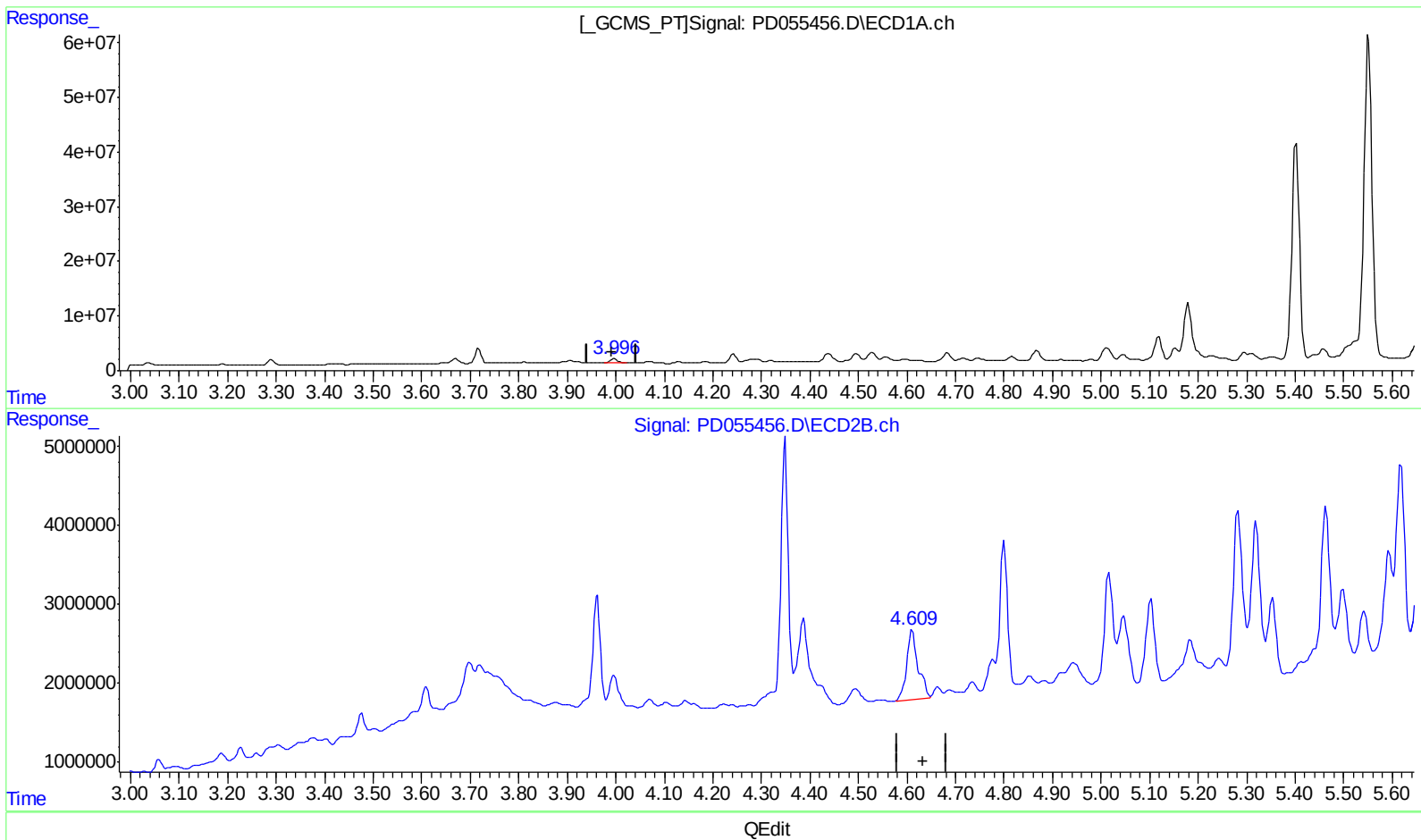
Instrument :
ECD_D
ClientSampleId :
BFB80RE

Manual Integrations
APPROVED

Ankita
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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101819CLP.M
Quant Title : GC Extractables
QLast Update : Sat Oct 19 00:42:03 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



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

3.996min 7.401 ng/ml m

response 8770807

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

4.609min 7.664 ng/ml m

response 14131867

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

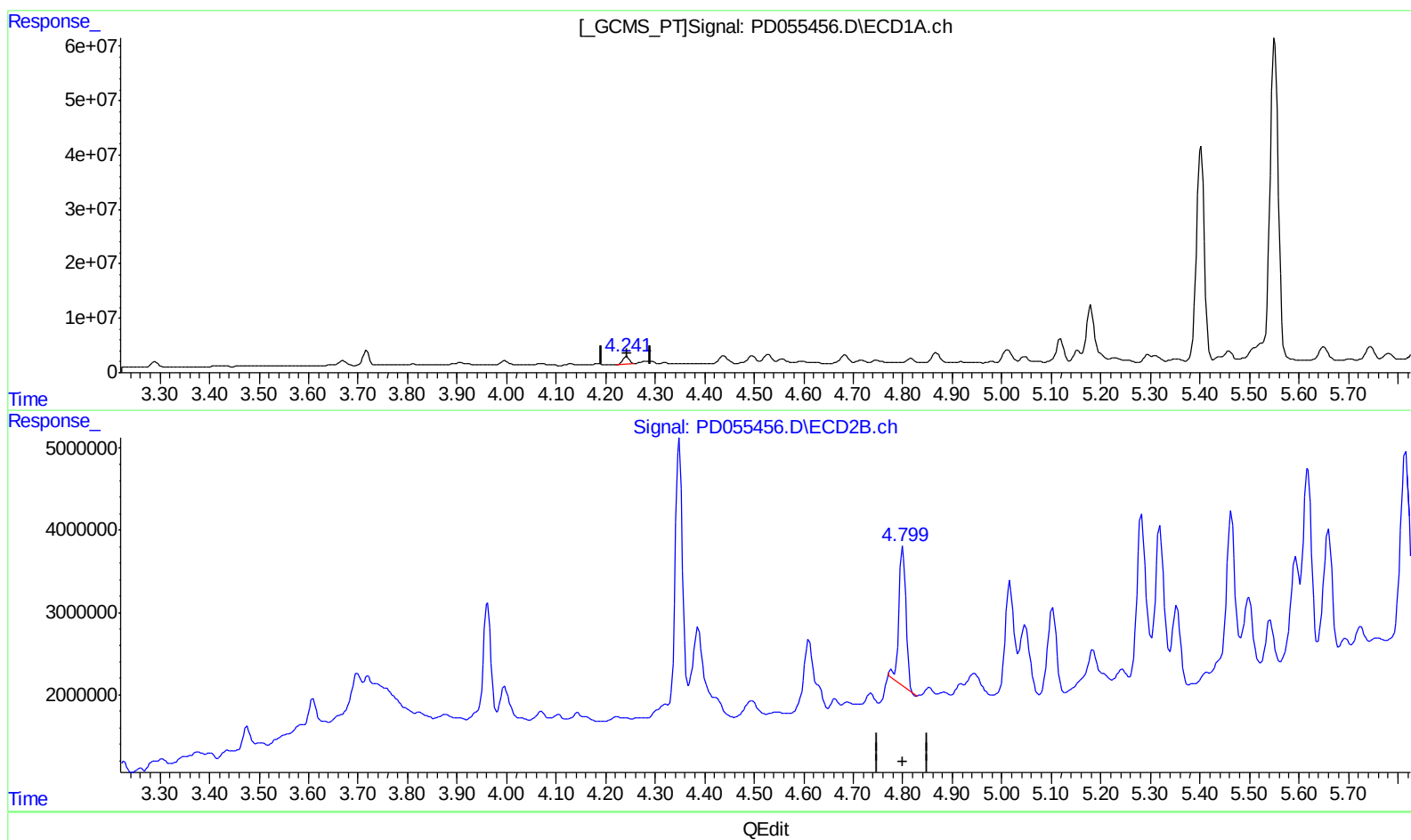
Instrument :
ECD_D
ClientSampleId :
BFB80RE

Manual Integrations
APPROVED

Ankita
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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101819CLP.M
Quant Title : GC Extractables
QLast Update : Sat Oct 19 00:42:03 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



(6) beta-BHC (B)

4.242min 24.473 ng/ml

response 13009498

(6) beta-BHC #2 (B)

4.800min 19.056 ng/ml

response 16849252

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

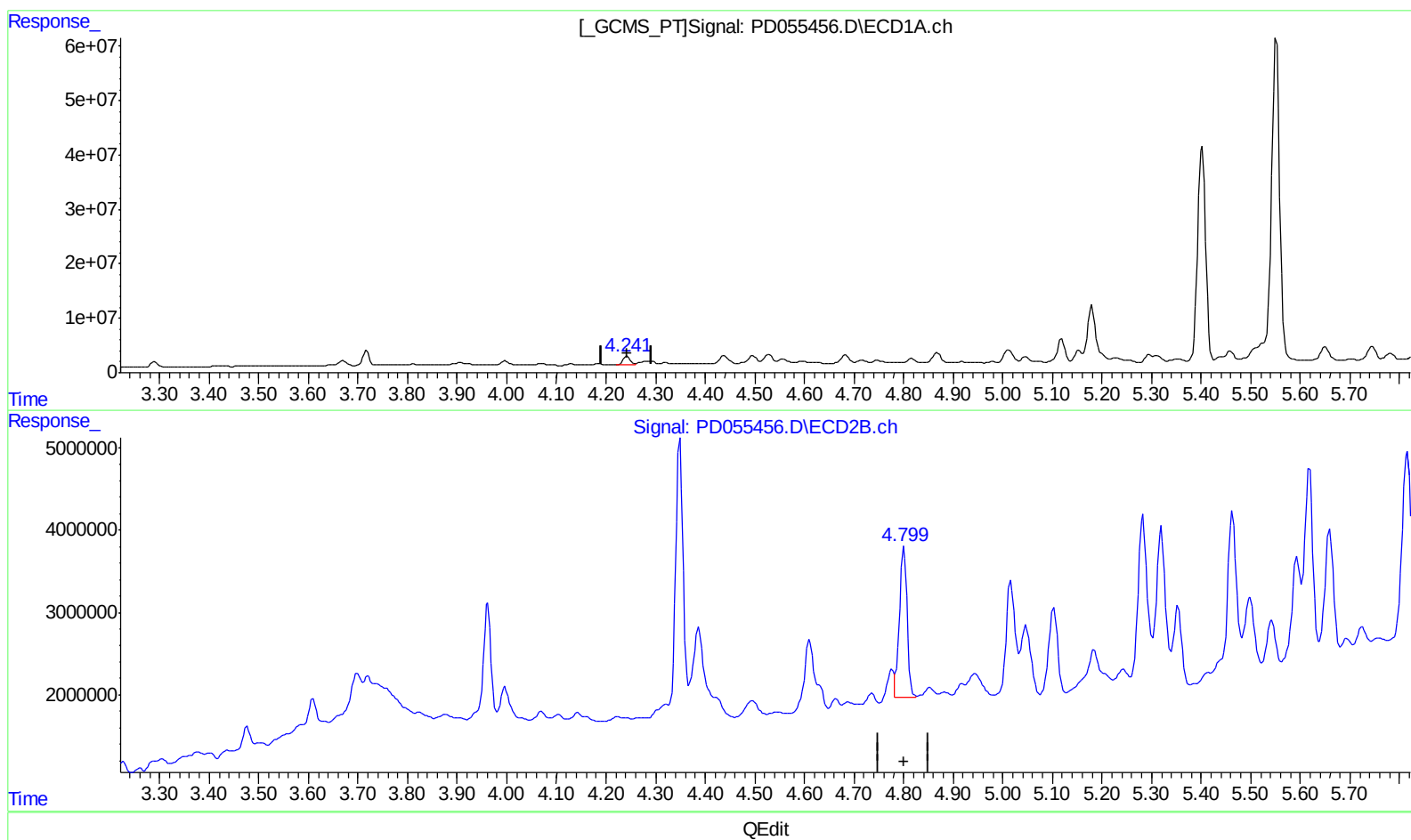
Instrument :
ECD_D
ClientSampleId :
BFB80RE

Manual Integrations
APPROVED

Ankita
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Integration File signal 1: autoint1.e
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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



(6) beta-BHC (B)

4.241min 30.983 ng/ml m

response 16470254

(6) beta-BHC #2 (B)

4.799min 22.246 ng/ml m

response 19670347

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

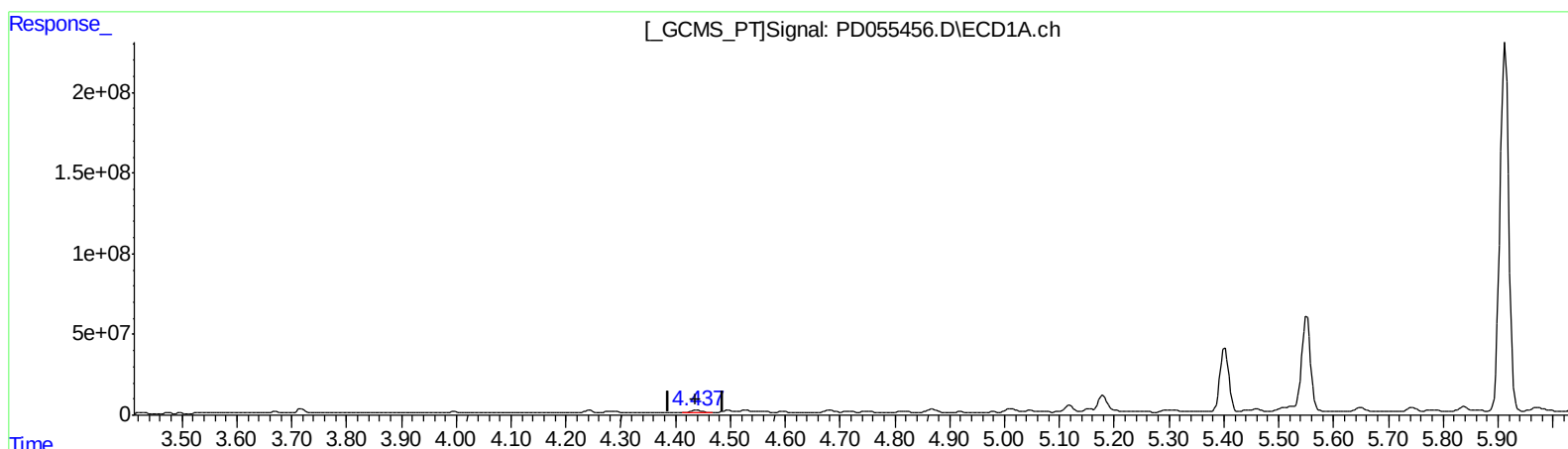
Instrument :
ECD_D
ClientSampleId :
BFB80RE

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:46 AM

Integration File signal 1: autoint1.e
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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



(7) delta-BHC (B)

4.438min 13.643 ng/ml

response 16710625

(7) delta-BHC #2 (B)

5.016min 8.062 ng/ml

response 15297236

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

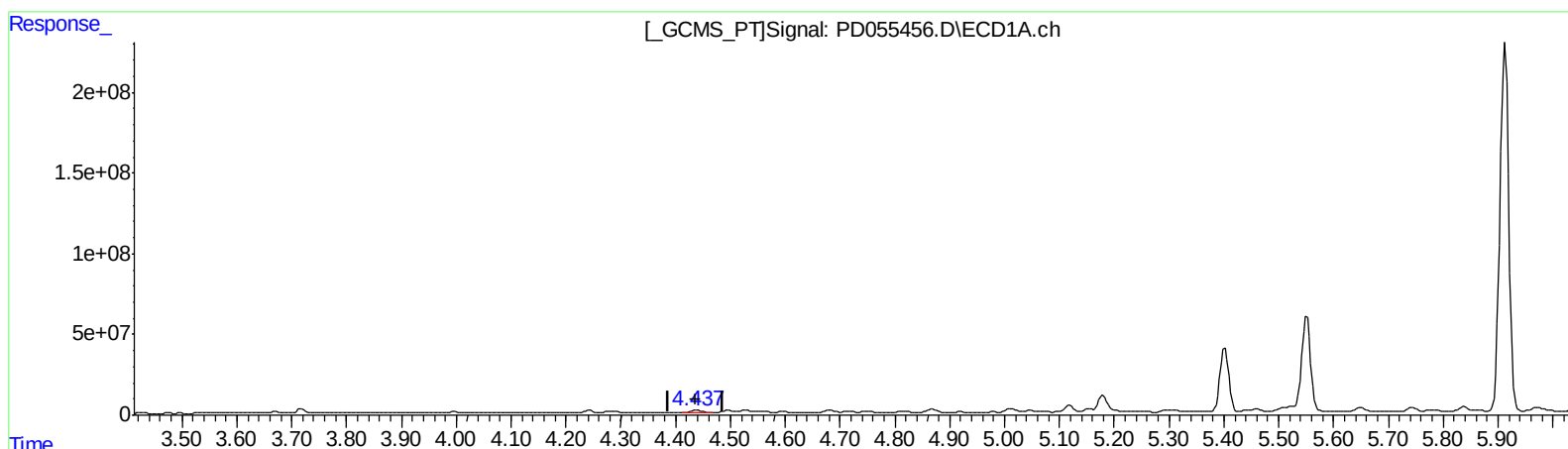
Instrument :
ECD_D
ClientSampleId :
BFB80RE

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:46 AM

Integration File signal 1: autoint1.e
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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



(7) delta-BHC (B)

4.438min 13.643 ng/ml

response 16710625

(7) delta-BHC #2 (B)

5.015min 9.795 ng/ml m

response 18586419

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

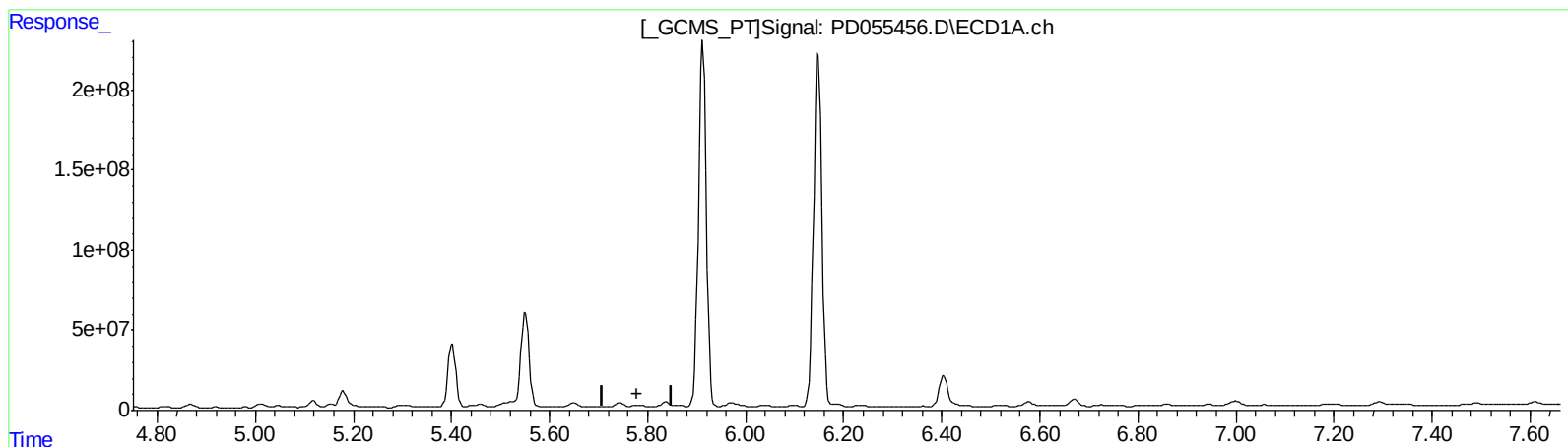
Instrument :
ECD_D
ClientSampleId :
BFB80RE

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:46 AM

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Quant Title : GC Extractables
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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



(14) Endrin (MA)
5.782min -1.302 ng/ml
response -1166633

(14) Endrin #2 (MA)
6.645min 6.398 ng/ml
response 8935935

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

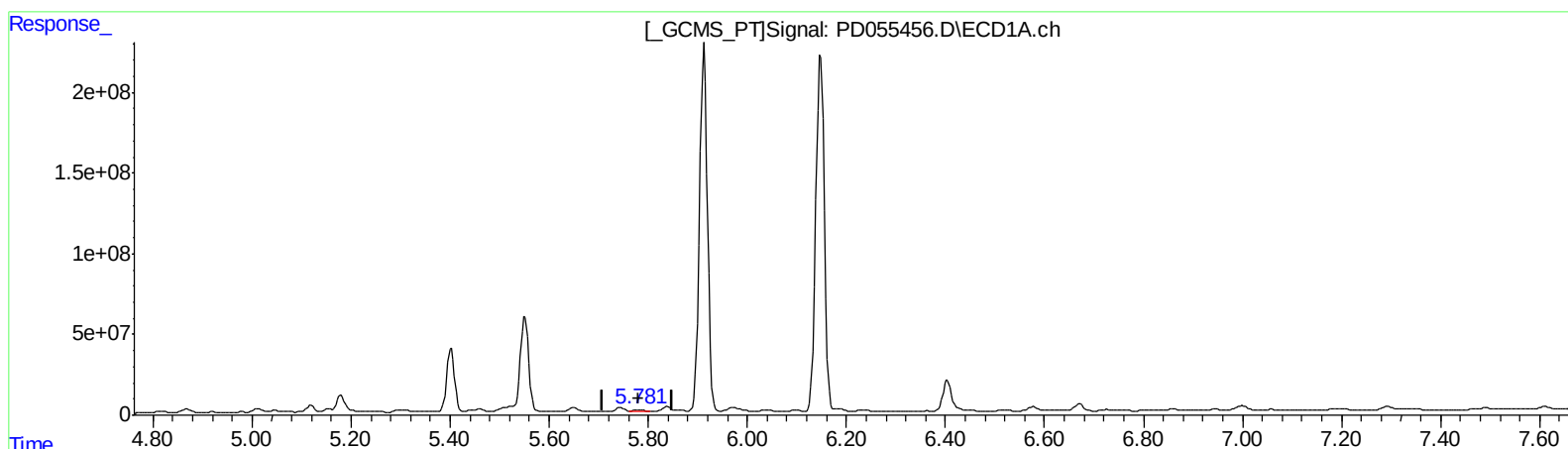
Instrument :
ECD_D
ClientSampleId :
BFB80RE

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:46 AM

Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
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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



(14) Endrin (MA)

5.781min 14.906 ng/ml m

response 13351468

(14) Endrin #2 (MA)

6.643min 10.177 ng/ml m

response 14215675

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

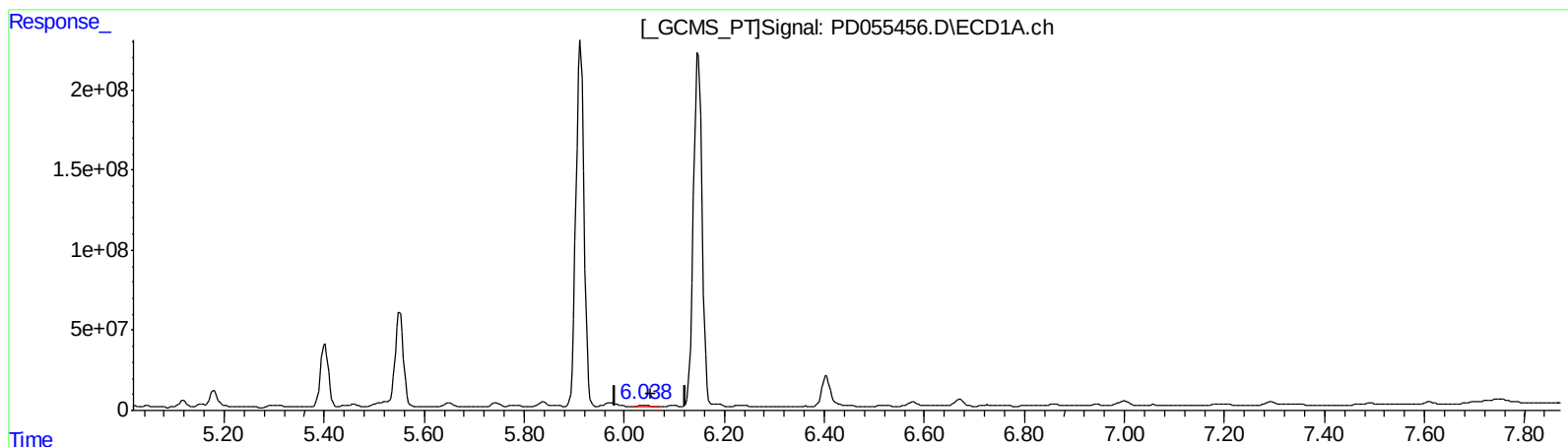
Instrument :
ECD_D
ClientSampleId :
BFB80RE

Manual Integrations
APPROVED

Ankita
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Integration File signal 1: autoint1.e
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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



(15) Endosulfan II (B)

6.040min 10.422 ng/ml

response 9976907

(15) Endosulfan II #2 (B)

6.849min 8.618 ng/ml m

response 13397984

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

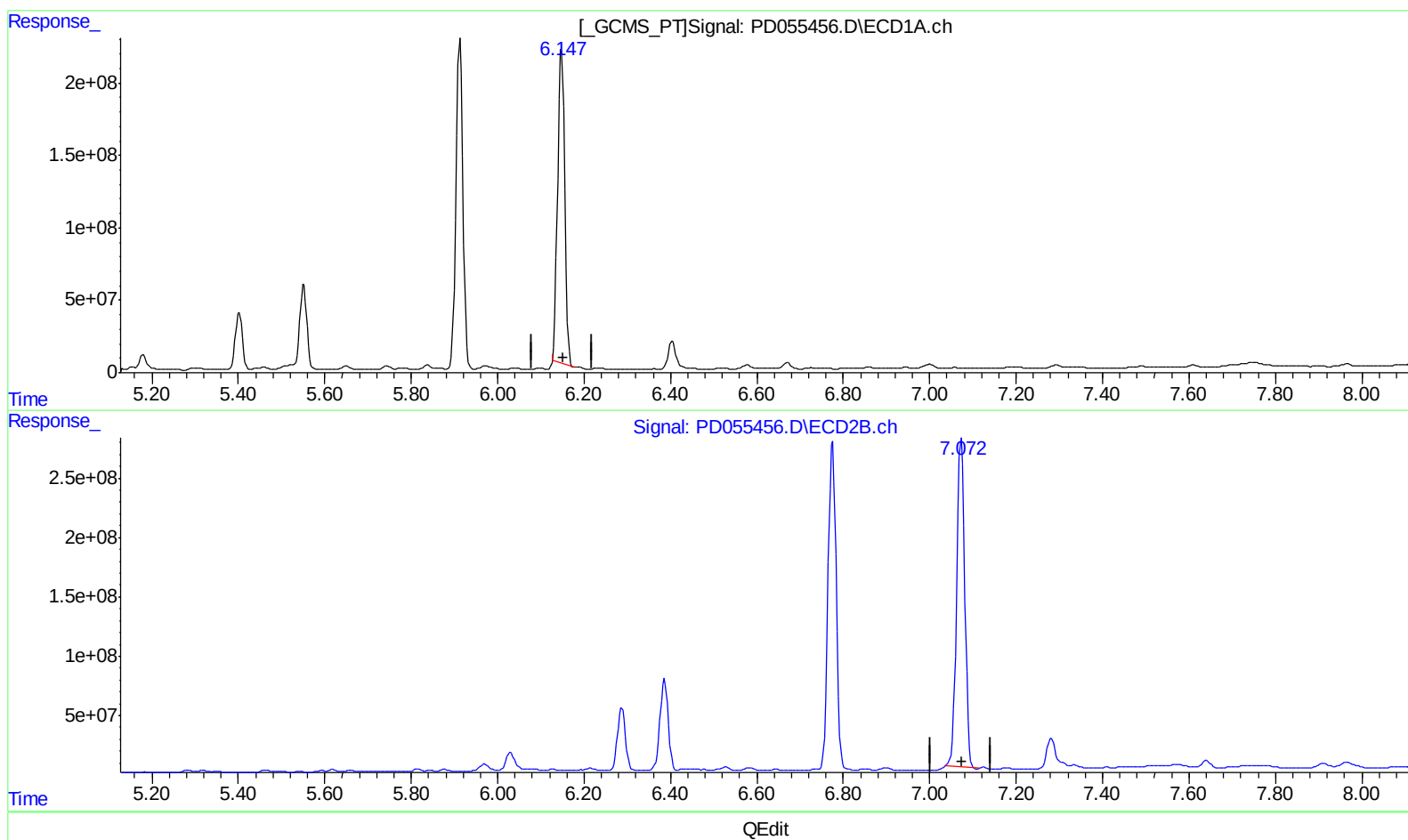
Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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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



(17) 4,4'-DDT (MA)

6.148min 3708.297 ng/ml

response 2514190874

(17) 4,4'-DDT #2 (MA)

7.073min 2700.191 ng/ml

response 3659887668

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

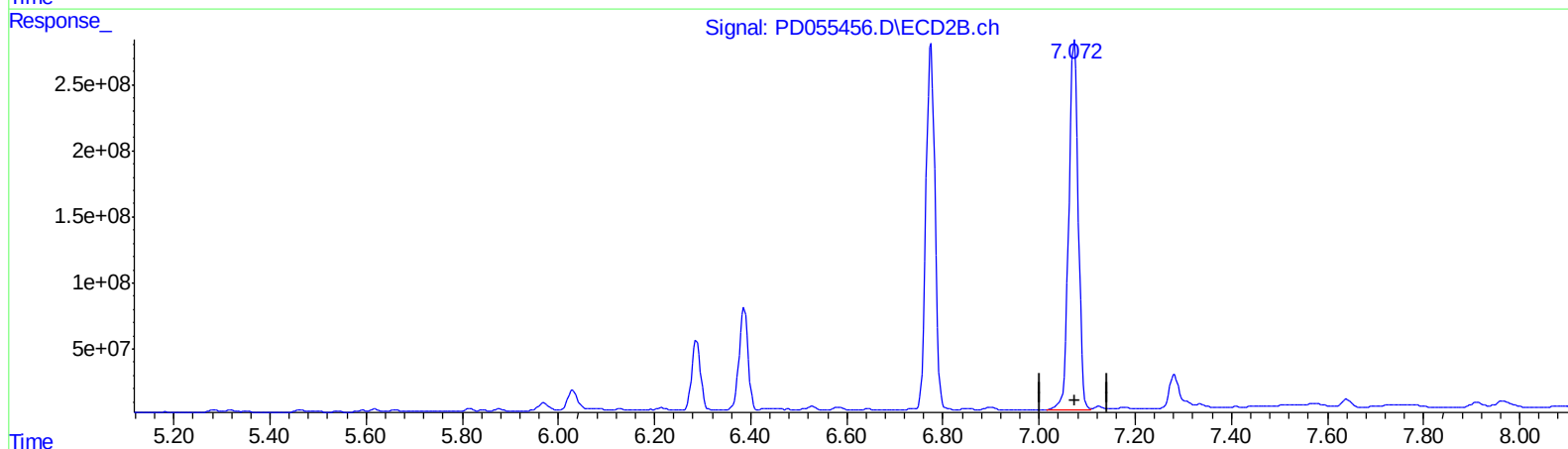
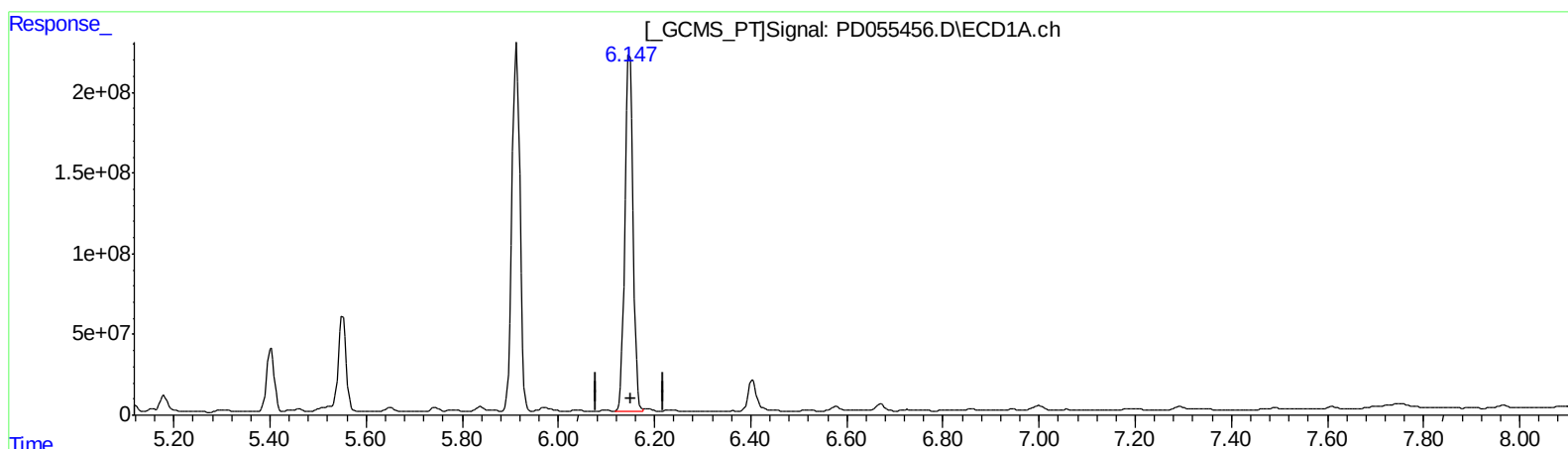
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(17) 4,4'-DDT (MA)

6.147min 3895.383 ng/ml m

response 2641033519

(17) 4,4'-DDT #2 (MA)

7.072min 2789.037 ng/ml m

response 3780311661

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 09:13
Operator : SG\AJ
Sample : K5262-19RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

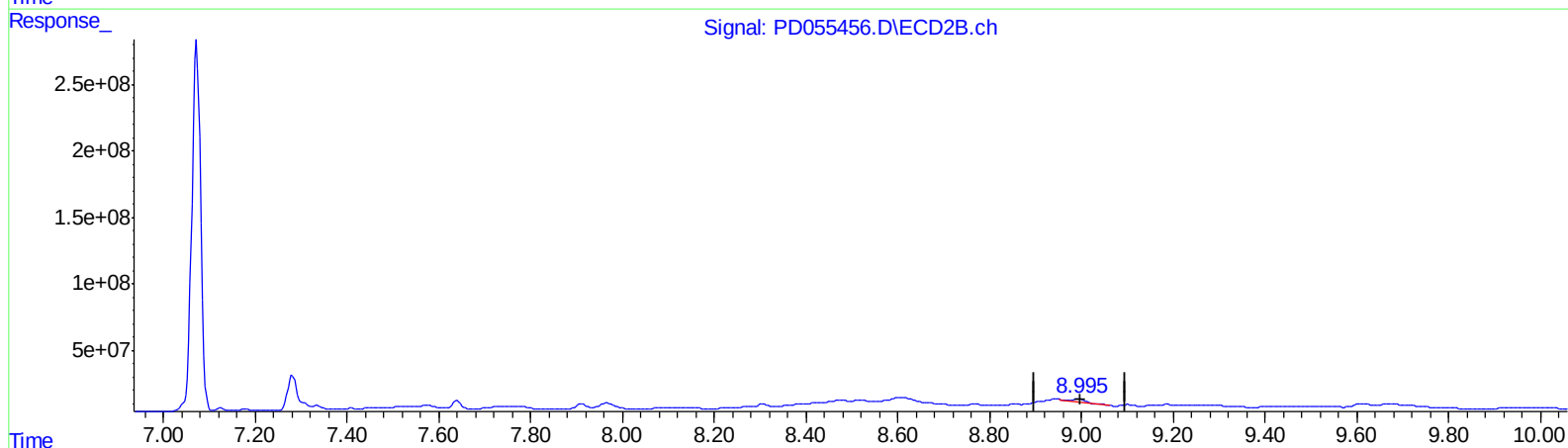
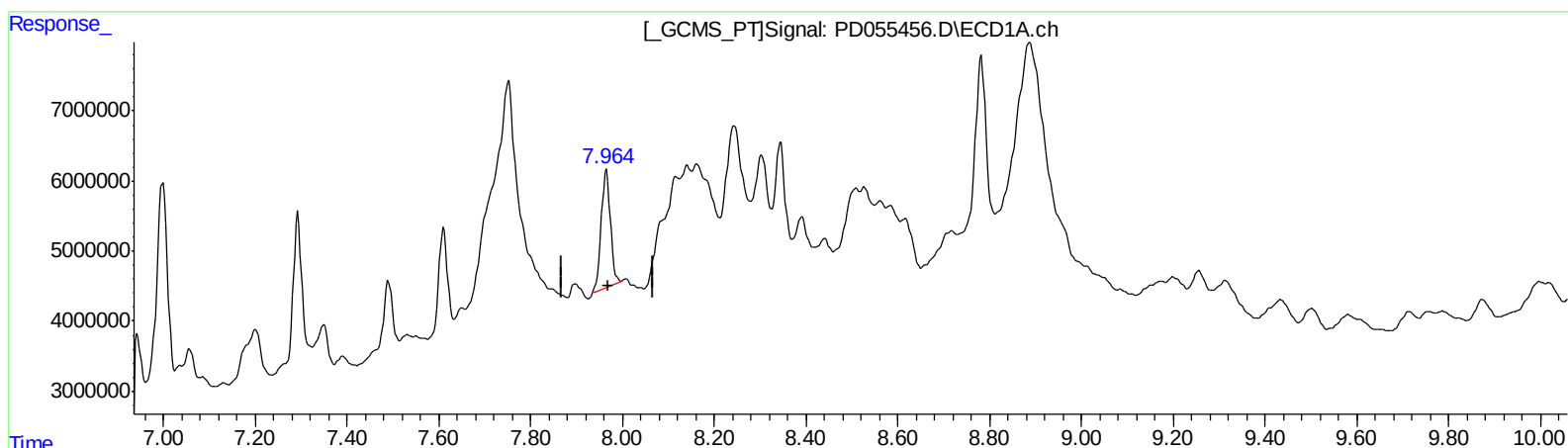
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(27) Decachlorobiphenyl (SA)

7.966min 25.576 ng/ml

response 23419424

(27) Decachlorobiphenyl #2 (SA)

8.994min 26.515 ng/ml

response 34596185

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Operator : SG\AJ
Sample : K5262-19RE
Misc :
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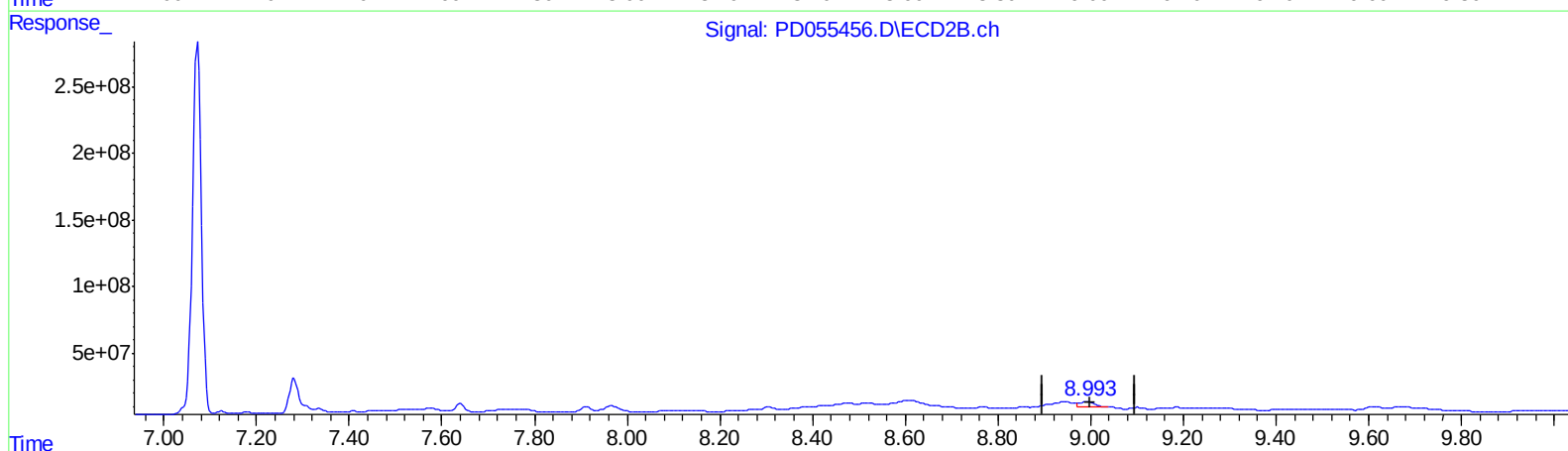
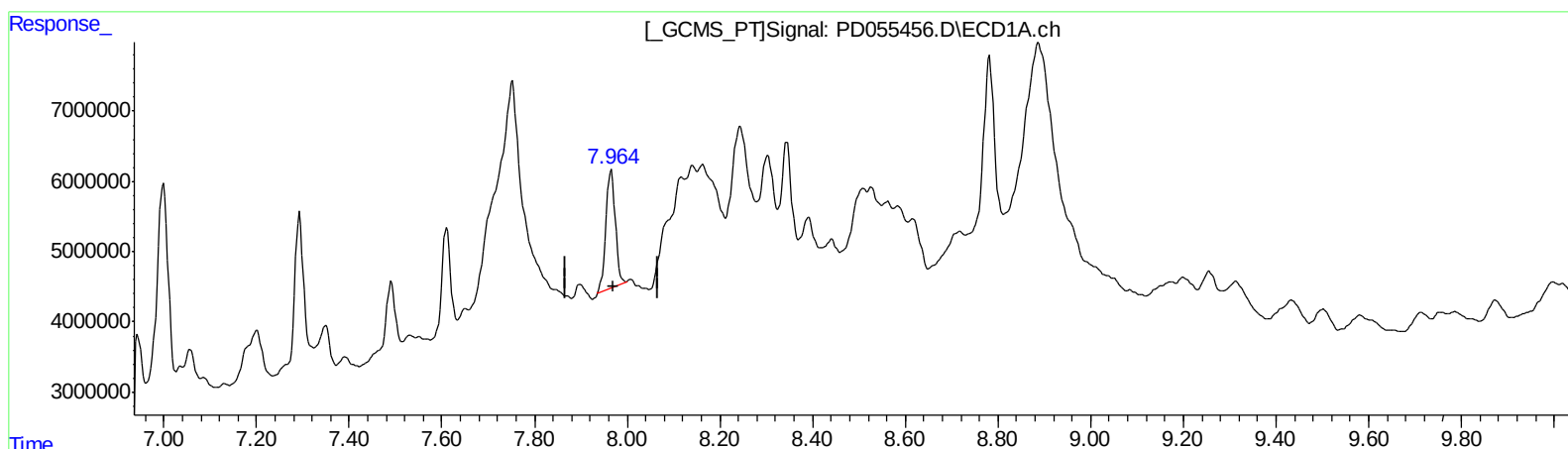
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ECD_D
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Manual Integrations
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #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

(27) Decachlorobiphenyl (SA)

7.966min 25.576 ng/ml

response 23419424

(27) Decachlorobiphenyl #2 (SA)

8.993min 68.742 ng/ml m

response 89694064

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
 Data File : PD055456.D
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 Acq On : 19 Oct 2019 09:13
 Operator : SG\AJ
 Sample : K5262-19RE
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BFB80RE

Manual Integrations
 APPROVED

Ankita
 10/23/2019 10:29:46 AM

Integration File signal 1: autoint1.e
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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...	3.288	3.960	9721650	14484768	10.904m	10.759m
27) SA Decachlor...	7.966	8.993	23419424	89694064	25.576	68.742m#
Target Compounds						
2) A alpha-BHC	3.717	4.349	23922043	33323144	19.049	17.129
3) MA gamma-BHC...	3.996	4.609	8770807	14131867	7.401m	7.664m
6) B beta-BHC	4.241	4.799	16470254	19670347	30.983m	22.246m#
7) B delta-BHC	4.438	5.015	16710625	18586419	13.643	9.795m#
12) B 4,4'-DDE	5.402	6.287	431.0E6	668.9E6	422.824	396.719
14) MA Endrin	5.781	6.643	13351468	14215675	14.906m	10.177m#
15) B Endosulfa...	6.040	6.849	9976907	13397984	10.422	8.618m
16) A 4,4'-DDD	5.913	6.775	2572.4E6	3642.8E6	3173.925	2546.319
17) MA 4,4'-DDT	6.147	7.072	2641.0E6	3780.3E6	3895.383m	2789.037m#

AJ
 10/24/19

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