

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
Data File : PD055467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 10:47
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

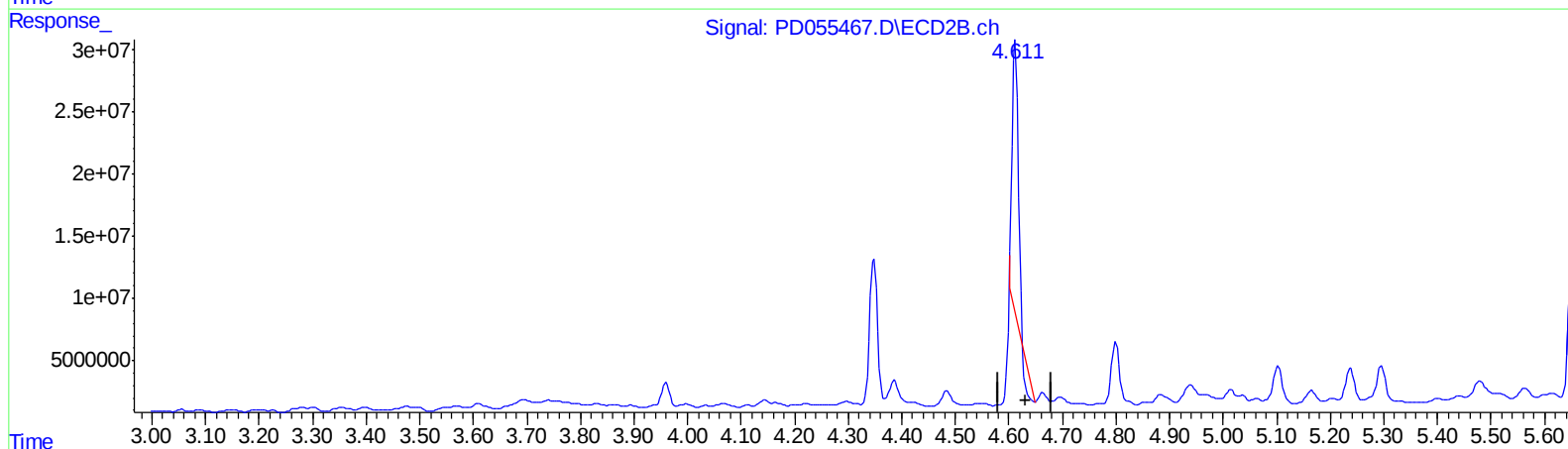
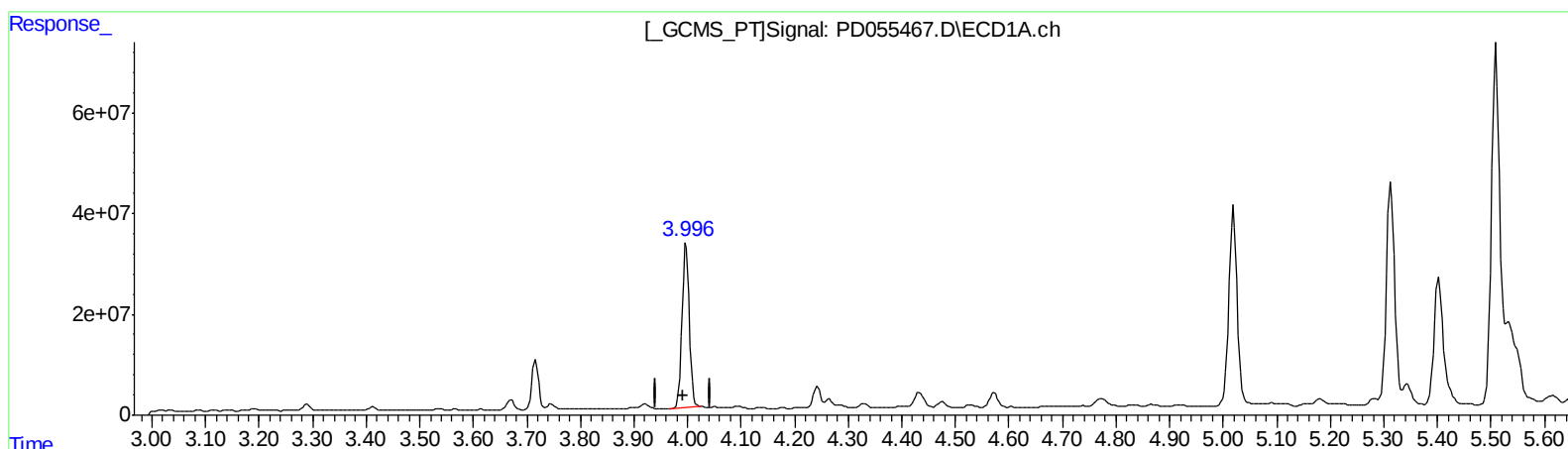
Instrument :
ECD_D
ClientSampleId :
BFBB1

Manual Integrations
APPROVED

Ankita
10/23/2019 10:09:12 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 03:57:25 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



QEdit

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

3.998min 260.594 ng/ml

response 308807066

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

4.612min 88.353 ng/ml

response 162916988

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 10:47
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

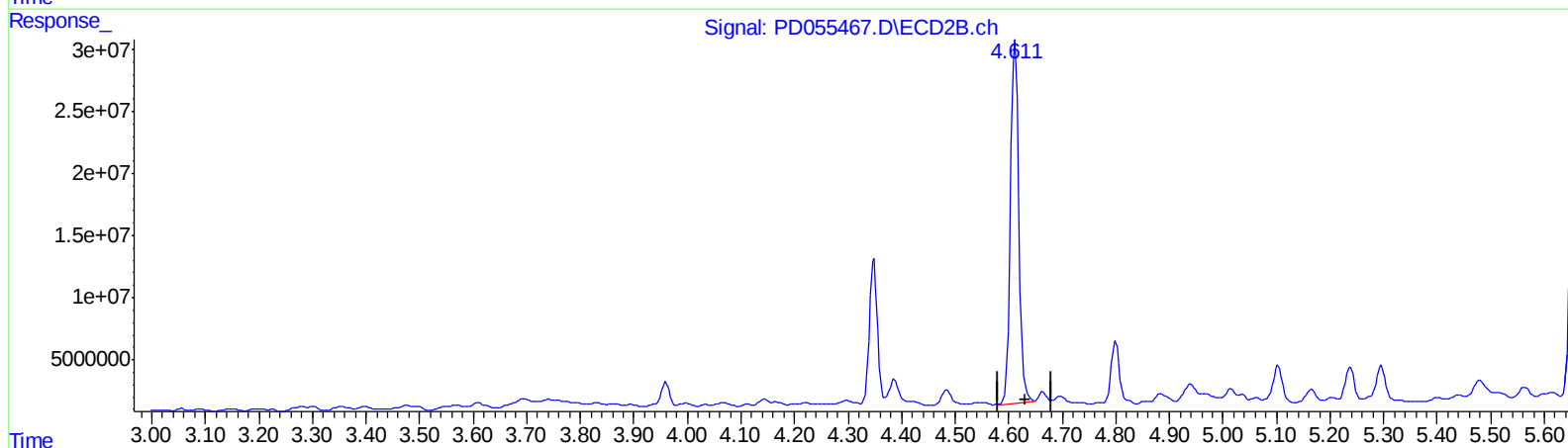
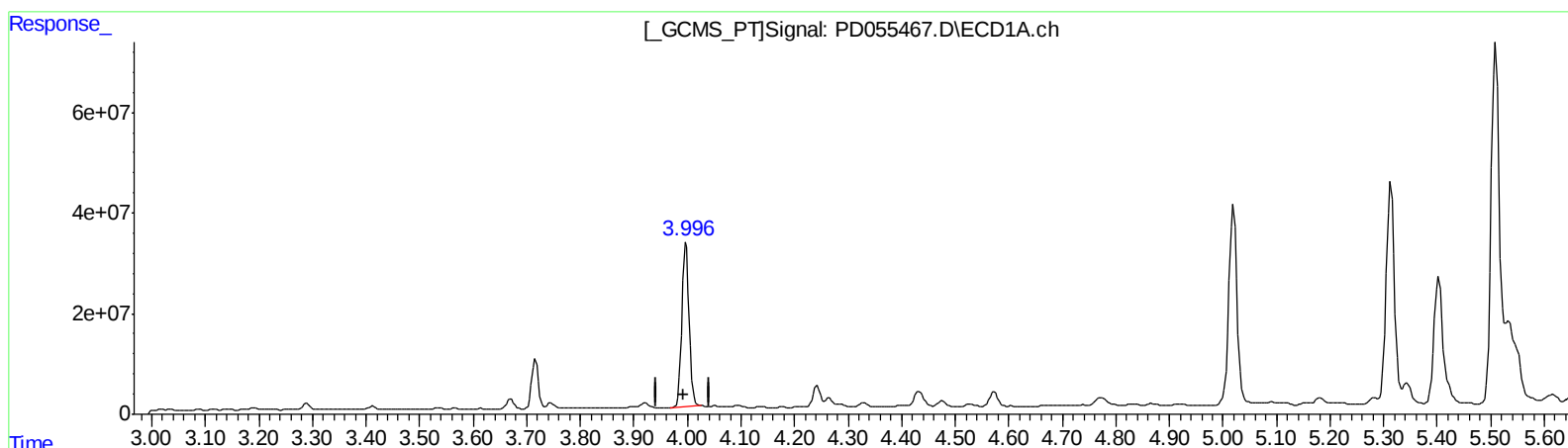
Instrument :
ECD_D
ClientSampleId :
BFBB1

Manual Integrations
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Ankita
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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)

3.998min 260.594 ng/ml

response 308807066

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

4.611min 171.347 ng/ml m

response 315953080

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 10:47
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

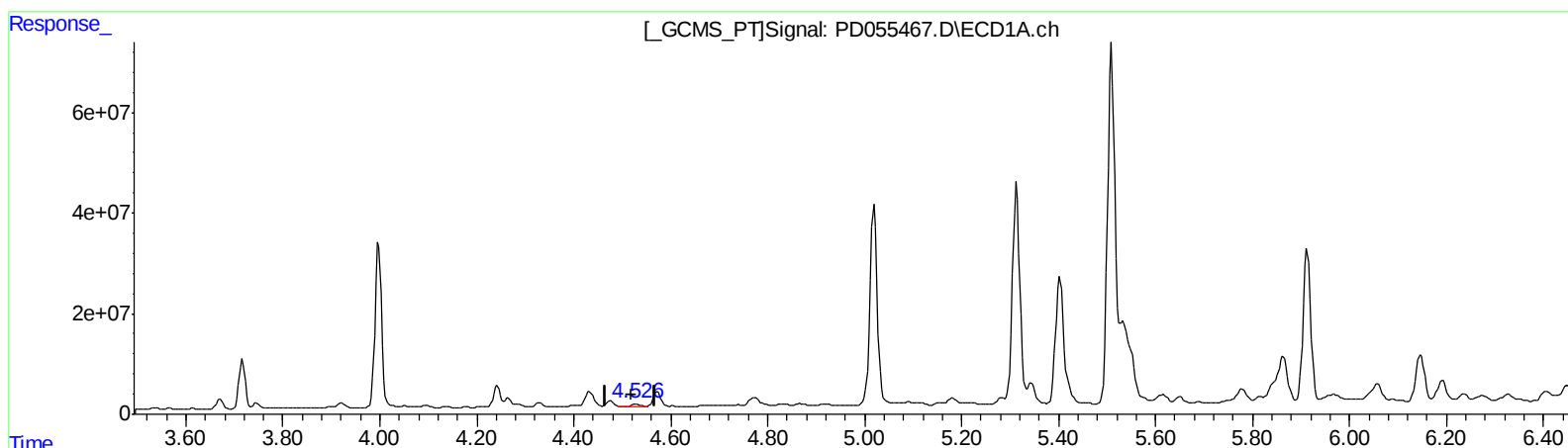
Instrument :
ECD_D
ClientSampleId :
BFBB1

Manual Integrations
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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



(5) Aldrin (MB)

4.528min 3.788 ng/ml

response 4029727

(5) Aldrin #2 (MB)

5.441min 2.188 ng/ml

response 3805080

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
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Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

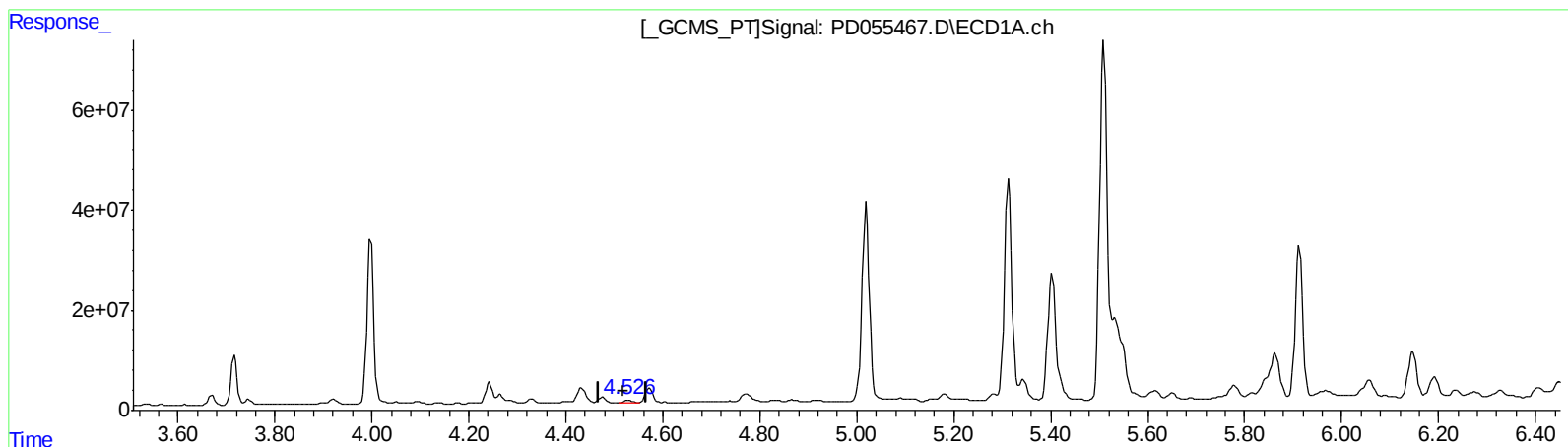
Instrument :
ECD_D
ClientSampleId :
BFBB1

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



(5) Aldrin (MB)

4.526min 5.928 ng/ml m

response 6305677

(5) Aldrin #2 (MB)

5.440min 4.932 ng/ml m

response 8577116

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 10:47
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

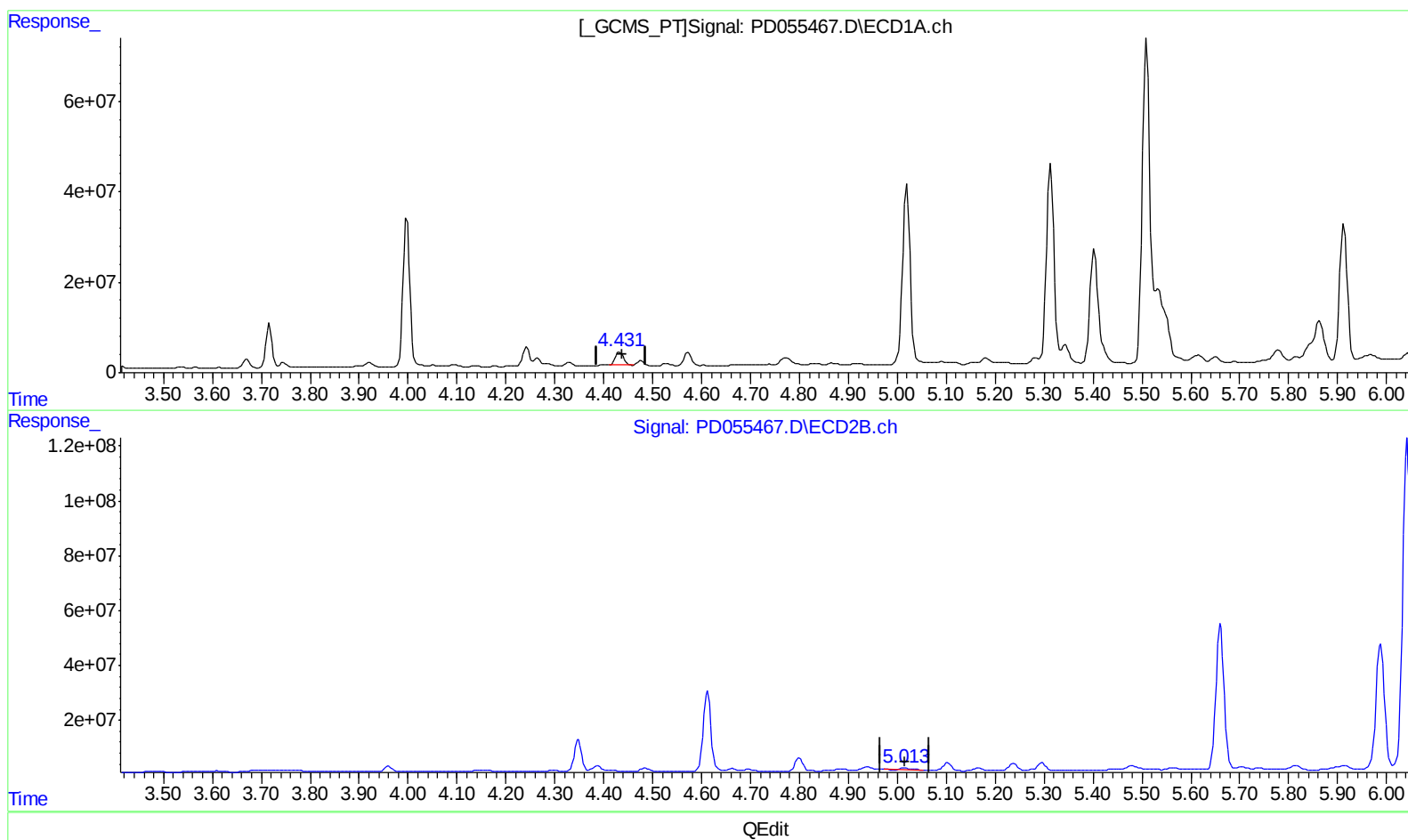
Instrument :
ECD_D
ClientSampleId :
BFBB1

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



(7) delta-BHC (B)

4.433min 27.584 ng/ml

response 33786619

(7) delta-BHC #2 (B)

5.015min 4.647 ng/ml

response 8817385

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
Data File : PD055467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 10:47
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

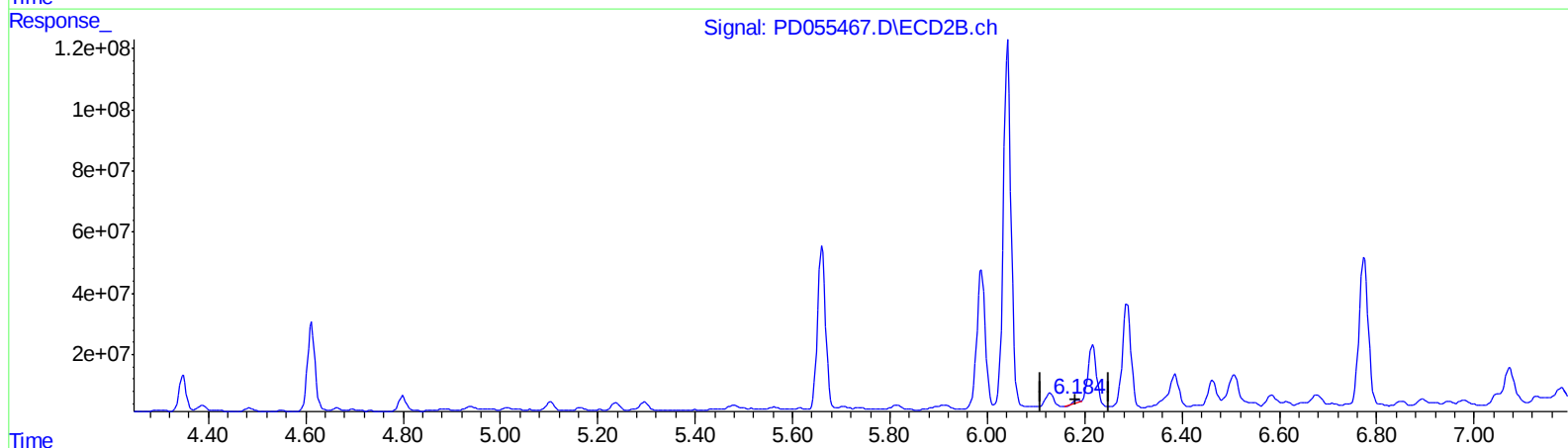
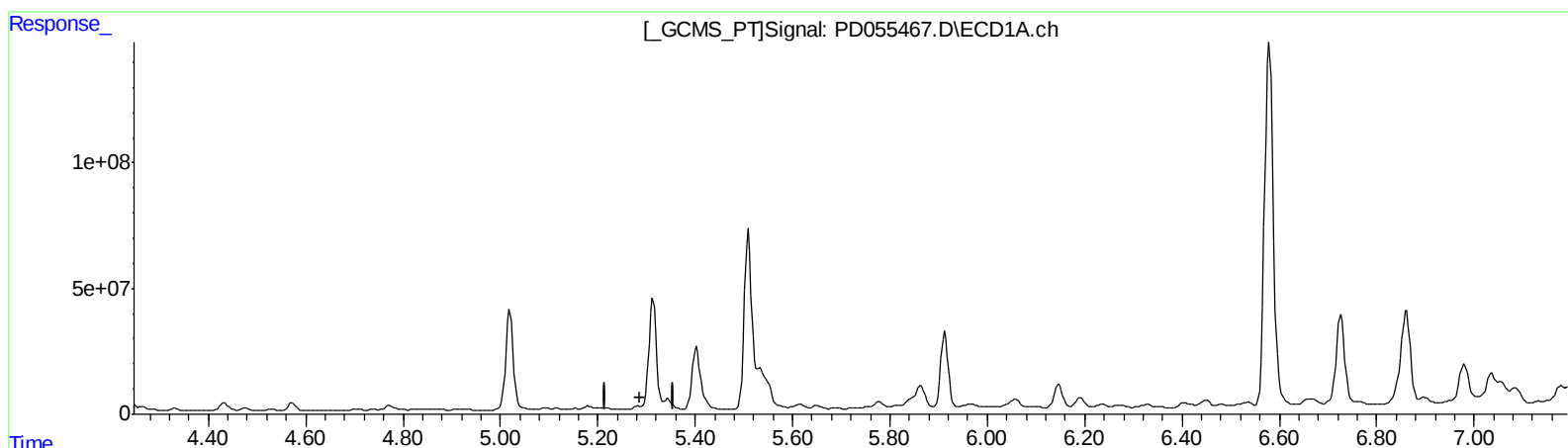
Instrument :
ECD_D
ClientSampleId :
BFBB1

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



QEdit

(9) Endosulfan I (A)
5.284min -2.463 ng/ml
response -2367095

(9) Endosulfan I #2 (A)
6.186min 2.696 ng/ml
response 4418372

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
Data File : PD055467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 10:47
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

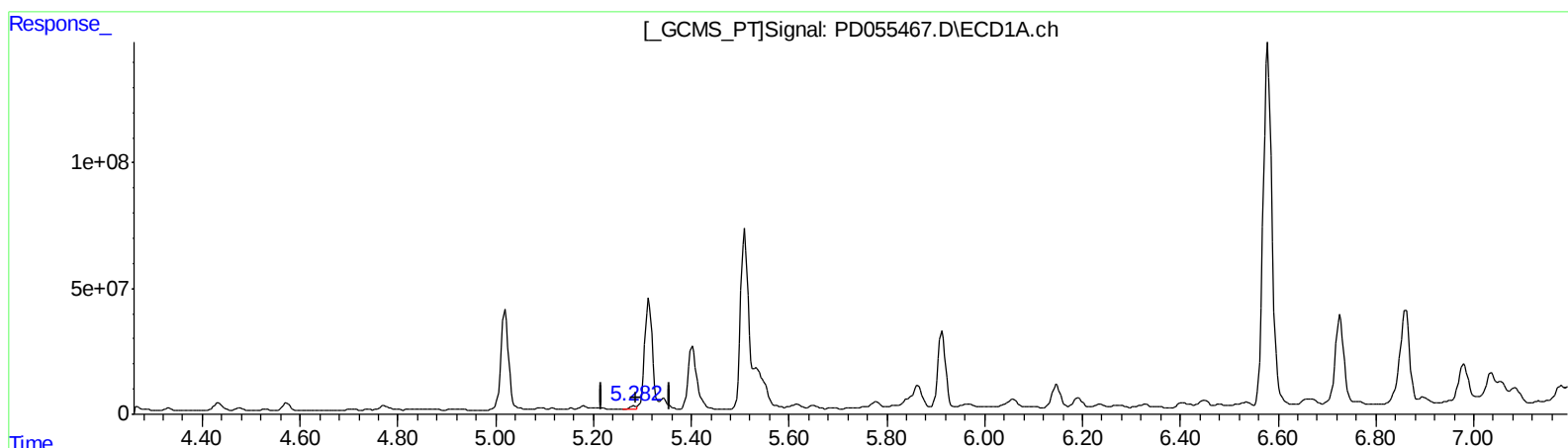
Instrument :
ECD_D
ClientSampleId :
BFBB1

Manual Integrations
APPROVED

Ankita
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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



(9) Endosulfan I (A)
5.282min 14.936 ng/ml m
response 14355851

(9) Endosulfan I #2 (A)
6.184min 16.349 ng/ml m
response 26796457

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
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Acq On : 21 Oct 2019 10:47
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

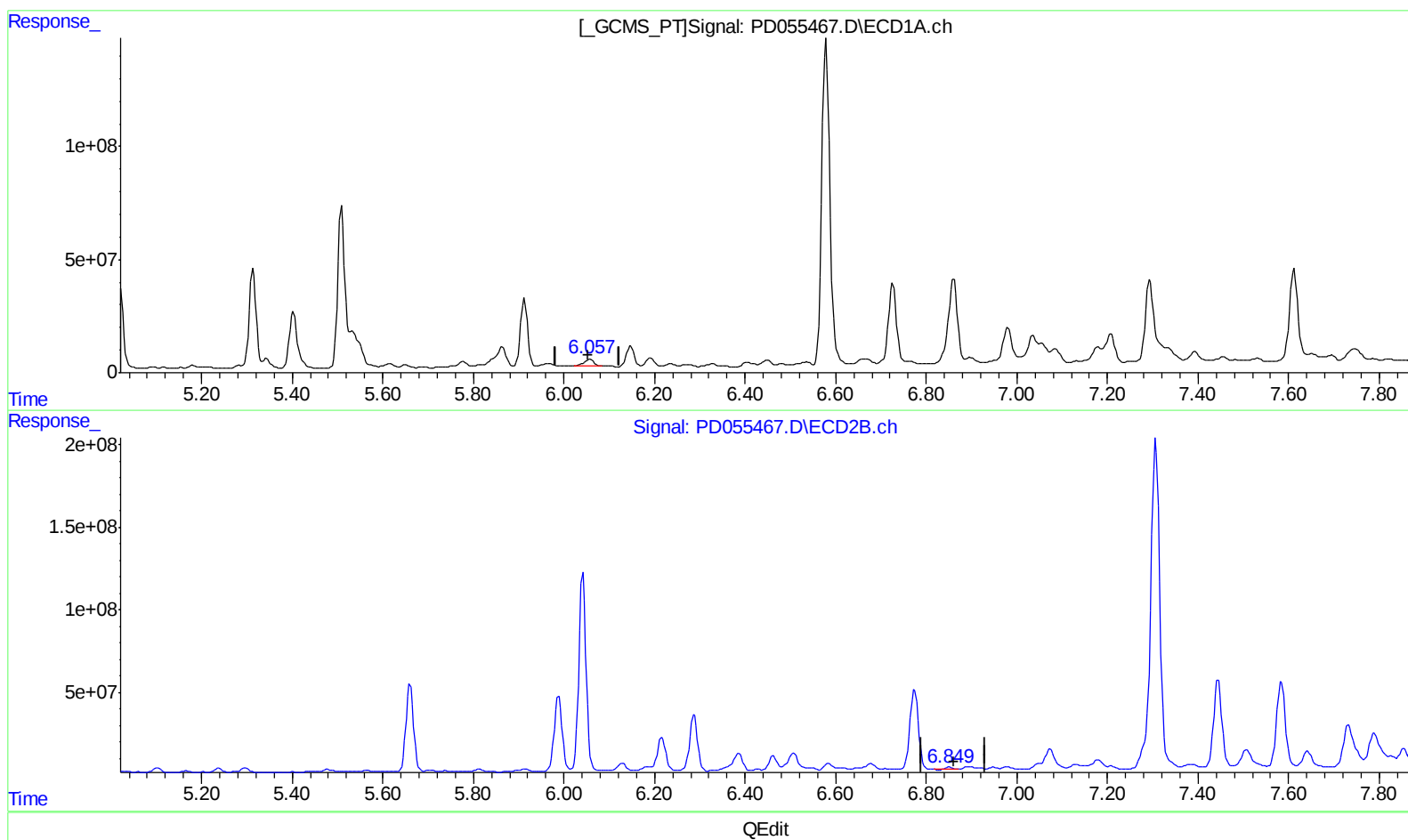
Instrument :
ECD_D
ClientSampleId :
BFBB1

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



(15) Endosulfan II (B)

6.058min 45.687 ng/ml

response 43736787

(15) Endosulfan II #2 (B)

6.851min 8.355 ng/ml

response 12989310

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
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Acq On : 21 Oct 2019 10:47
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

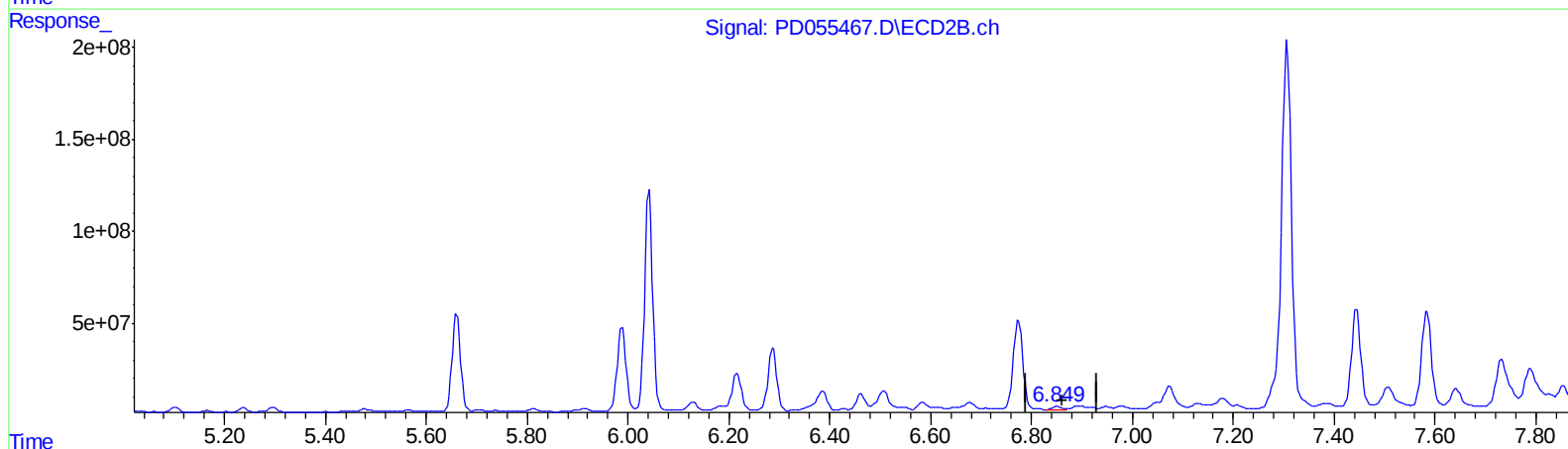
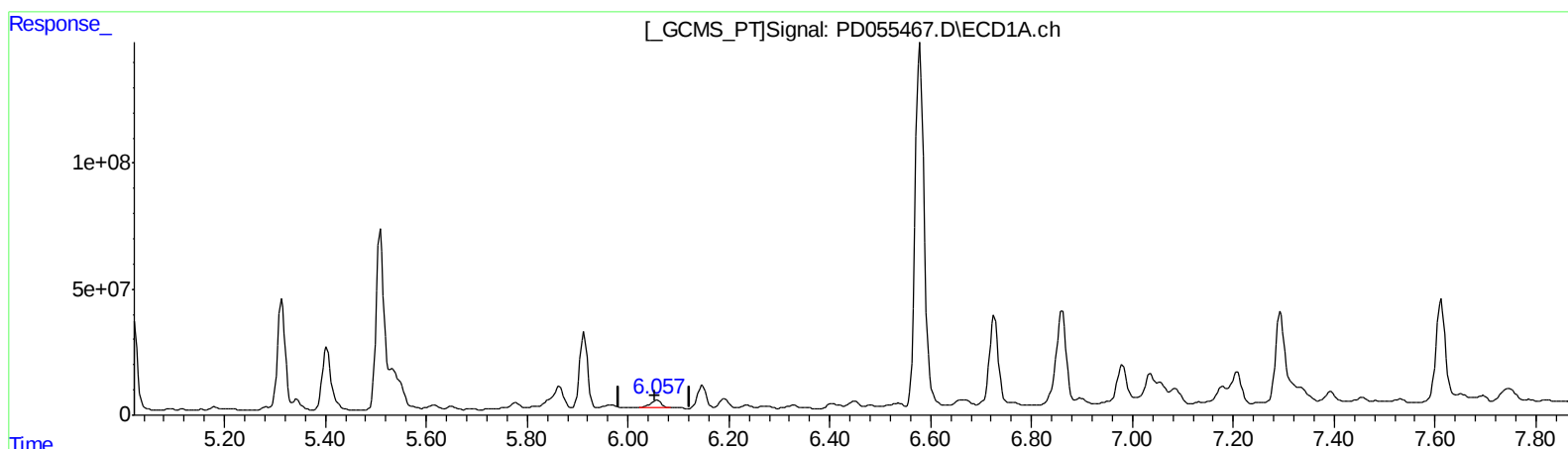
Instrument :
ECD_D
ClientSampleId :
BFBB1

Manual Integrations
APPROVED

Ankita
10/23/2019 10:09:12 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(15) Endosulfan II (B)

6.058min 45.687 ng/ml

response 43736787

(15) Endosulfan II #2 (B)

6.849min 12.988 ng/ml m

response 20191940

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
Data File : PD055467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 10:47
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

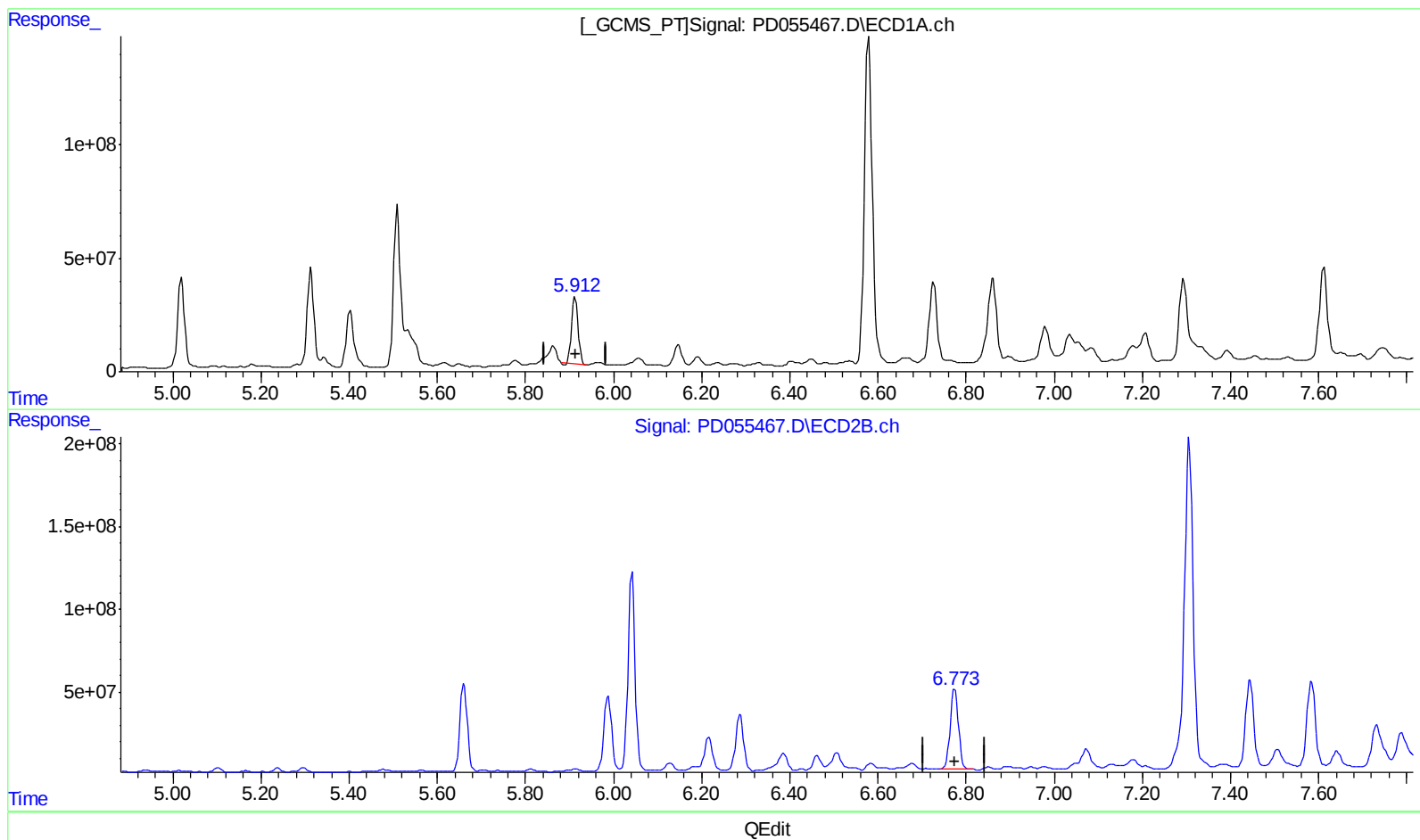
Instrument :
ECD_D
ClientSampleId :
BFBB1

Manual Integrations
APPROVED

Ankita
10/23/2019 10:09:12 AM

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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)
5.913min 376.945 ng/ml
response 305503062

(16) 4,4'-DDD #2 (A)
6.774min 439.604 ng/ml
response 628905888

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 10:47
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Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

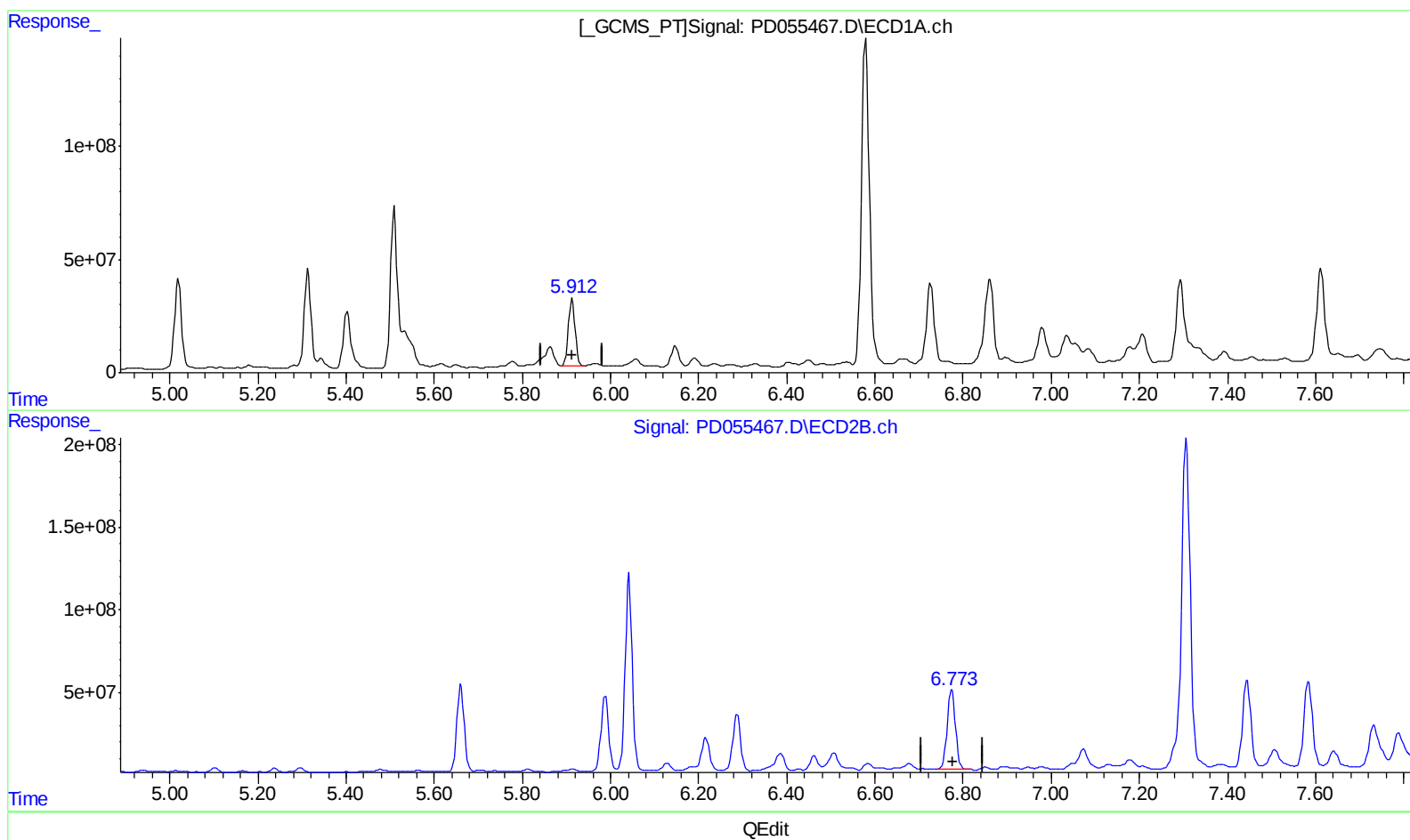
Instrument :
ECD_D
ClientSampleId :
BFBB1

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



(16) 4,4'-DDD (A)
5.912min 398.611 ng/ml m
response 323062392

(16) 4,4'-DDD #2 (A)
6.774min 439.604 ng/ml
response 628905888

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
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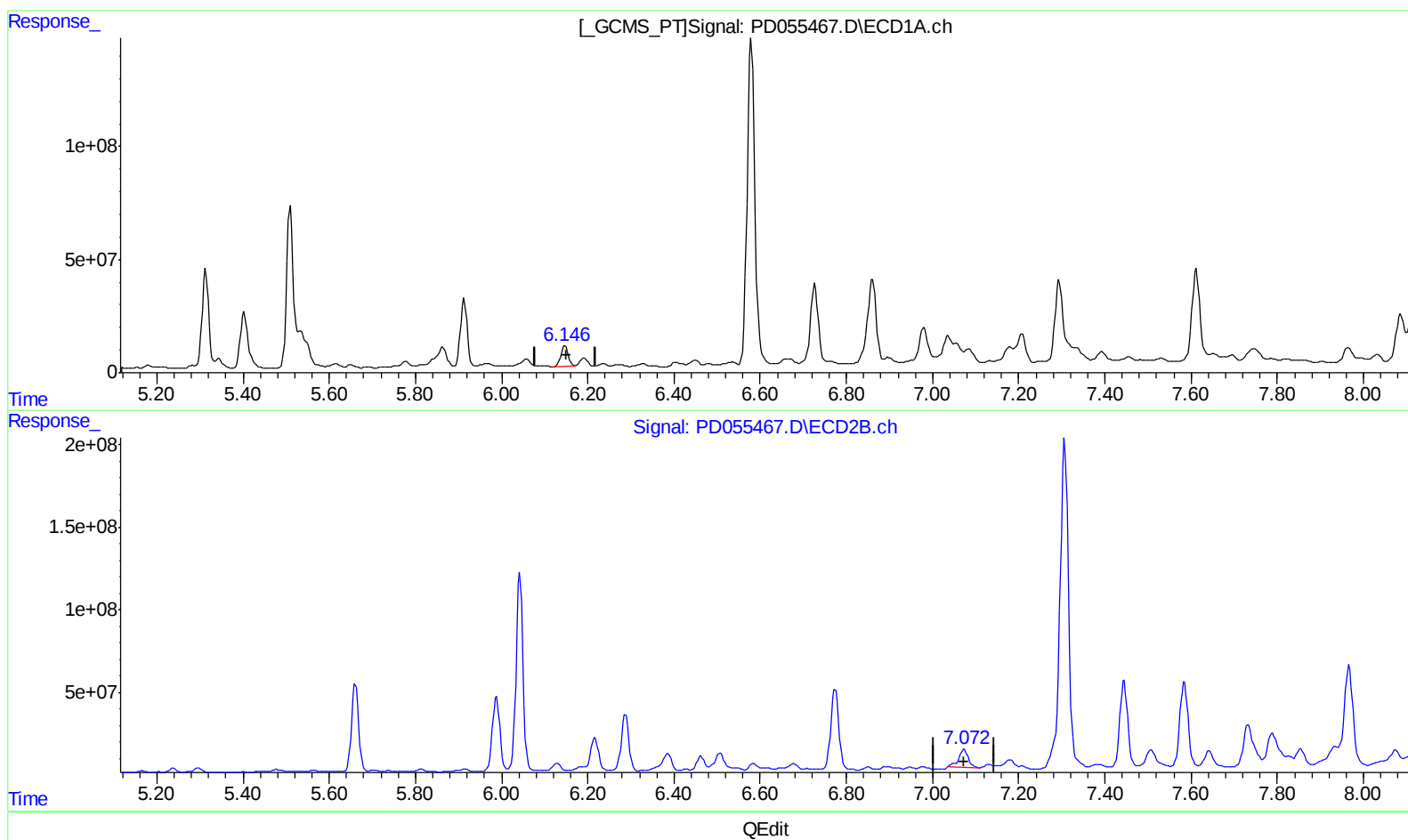
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

6.147min 152.938 ng/ml

response 103690474

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

7.074min 127.384 ng/ml

response 172659239

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

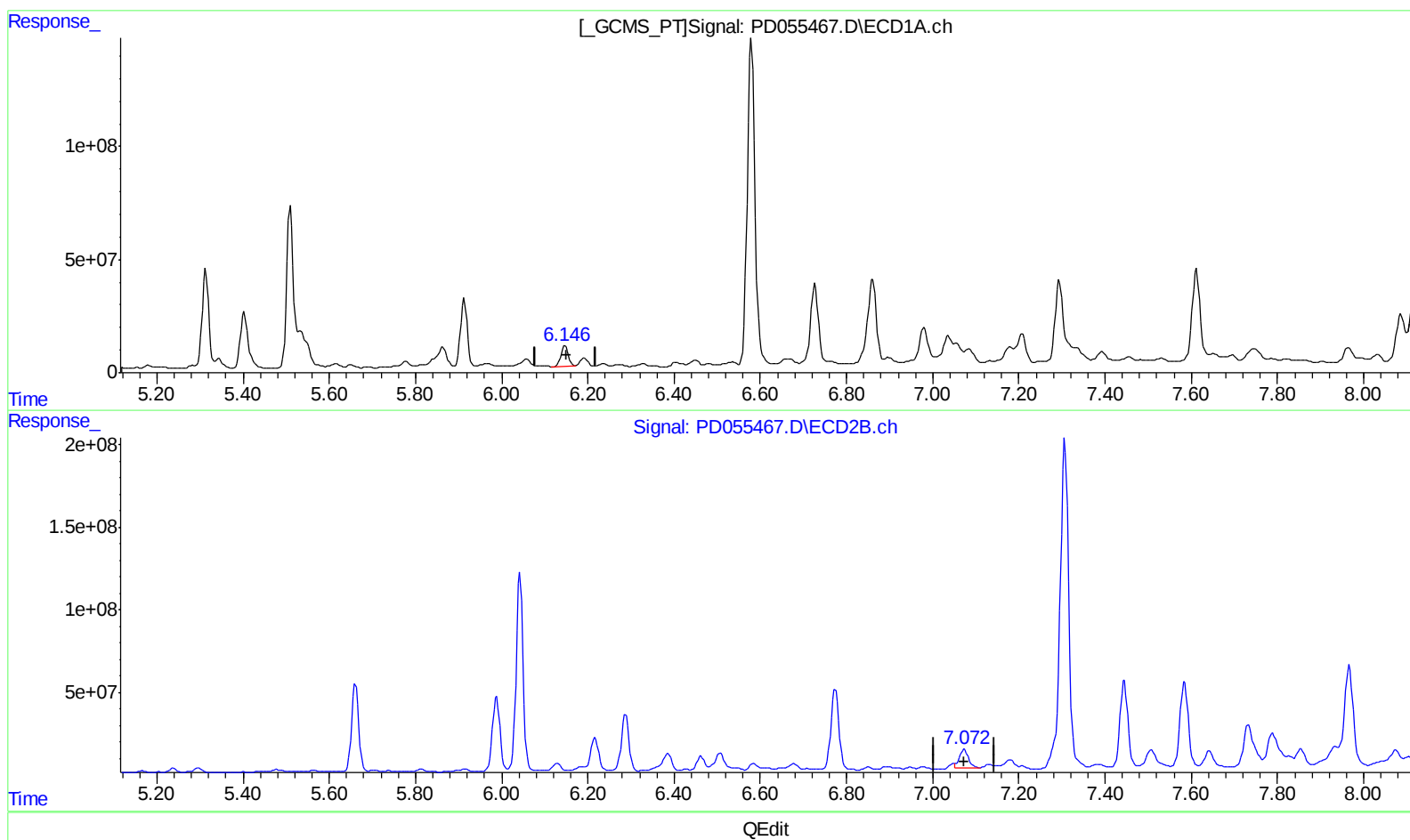
Instrument :
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ClientSampleId :
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Manual Integrations
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(17) 4,4'-DDT (MA)

6.147min 152.938 ng/ml

response 103690474

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

7.072min 129.598 ng/ml m

response 175659501

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
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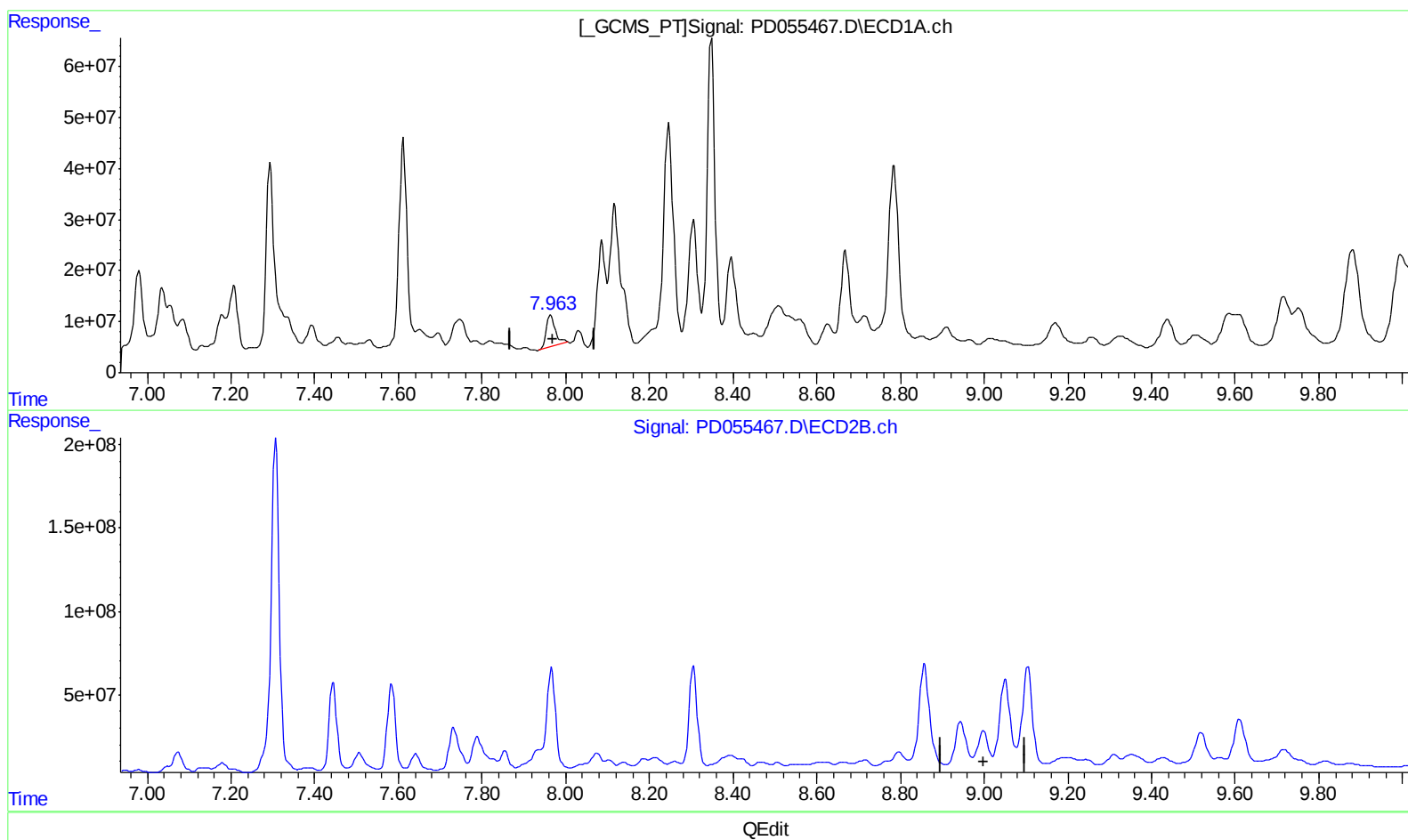
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(27) Decachlorobiphenyl (SA)

7.964min 103.915 ng/ml

response 95151978

(27) Decachlorobiphenyl #2 (SA)

8.999min -40.866 ng/ml

response -53322176

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
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Misc :
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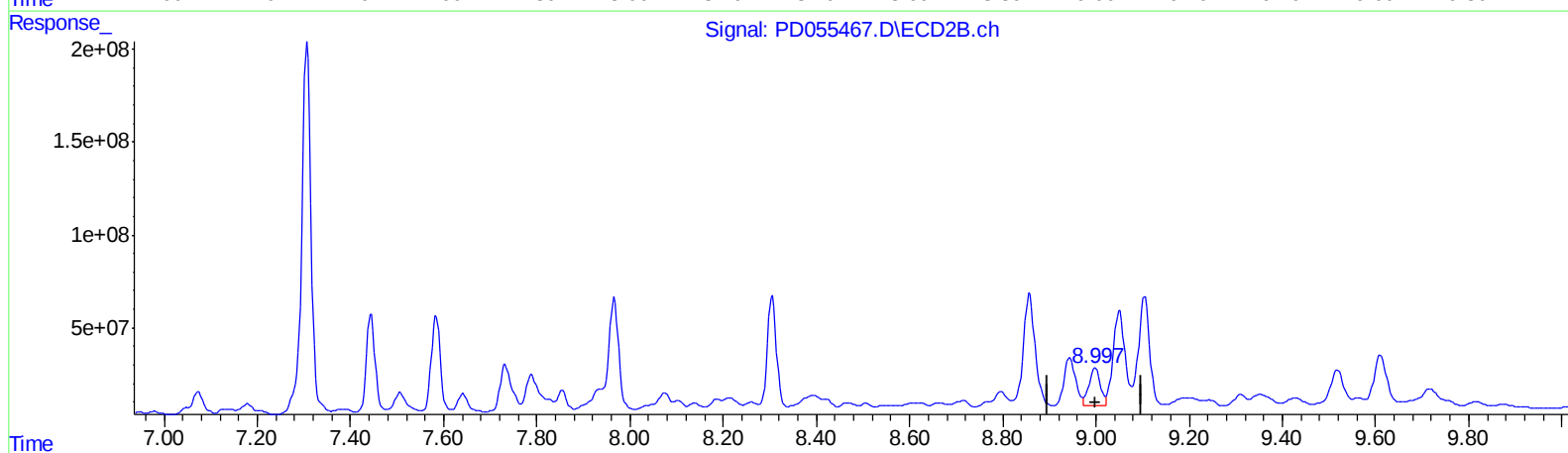
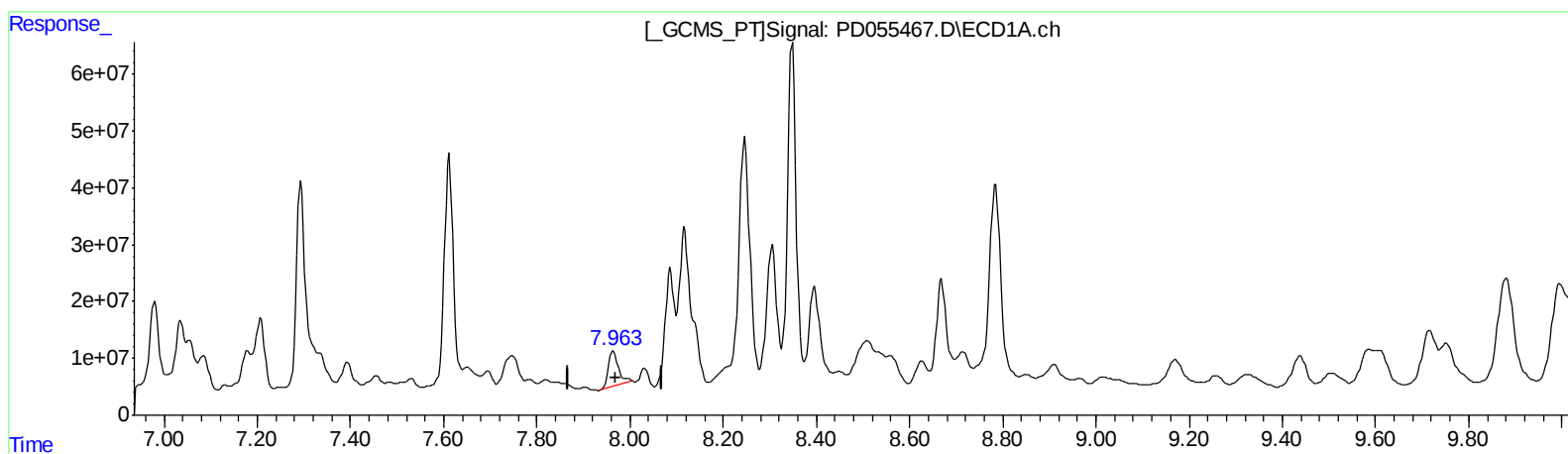
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(27) Decachlorobiphenyl (SA)

7.964min 103.915 ng/ml

response 95151978

(27) Decachlorobiphenyl #2 (SA)

8.997min 264.473 ng/ml m

response 345082911

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
 Data File : PD055467.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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 Operator : SG\AJ
 Sample : K5262-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BFBB1

Manual Integrations
 APPROVED

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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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.290	3.960	12495688	21205529	14.015	15.750
27) SA Decachlor...	7.964	8.997	95151978	345.1E6	103.915	264.473m#
Target Compounds						
2) A alpha-BHC	3.717	4.348	86720425	119.2E6	69.053	61.266
3) MA gamma-BHC...	3.998	4.611	308.8E6	316.0E6	260.594	171.347m#
6) B beta-BHC	4.243	4.800	40908576	55405314	76.955	62.661
7) B delta-BHC	4.433	5.013	33786619	7489748	27.584	3.947m#
9) A Endosulfan I	5.282	6.184	14355851	26796457	14.936m	16.349m
12) B 4,4'-DDE	5.403	6.288	304.8E6	415.0E6	298.999	246.123
14) MA Endrin	5.778	6.678	29180941	57109452	32.578	40.886 #
15) B Endosulfa...	6.058	6.849	43736787	20191940	45.687	12.988m#
16) A 4,4'-DDD	5.912	6.774	323.1E6	628.9E6	398.611m	439.604
17) MA 4,4'-DDT	6.147	7.072	103.7E6	175.7E6	152.938	129.598m

AJ
 10/24/19

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