

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
Data File : PD055330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

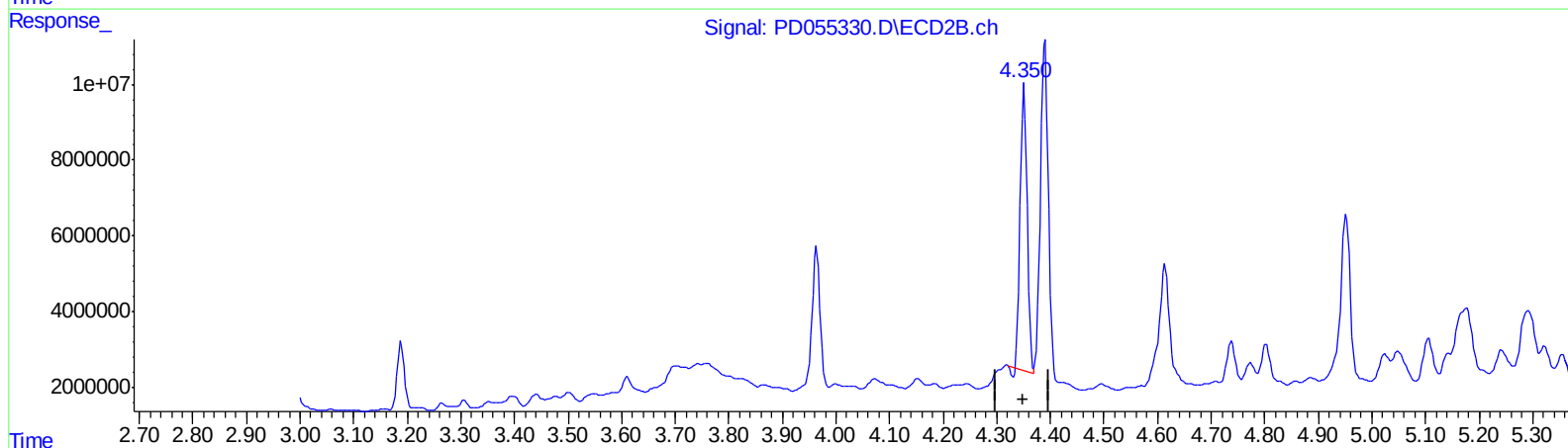
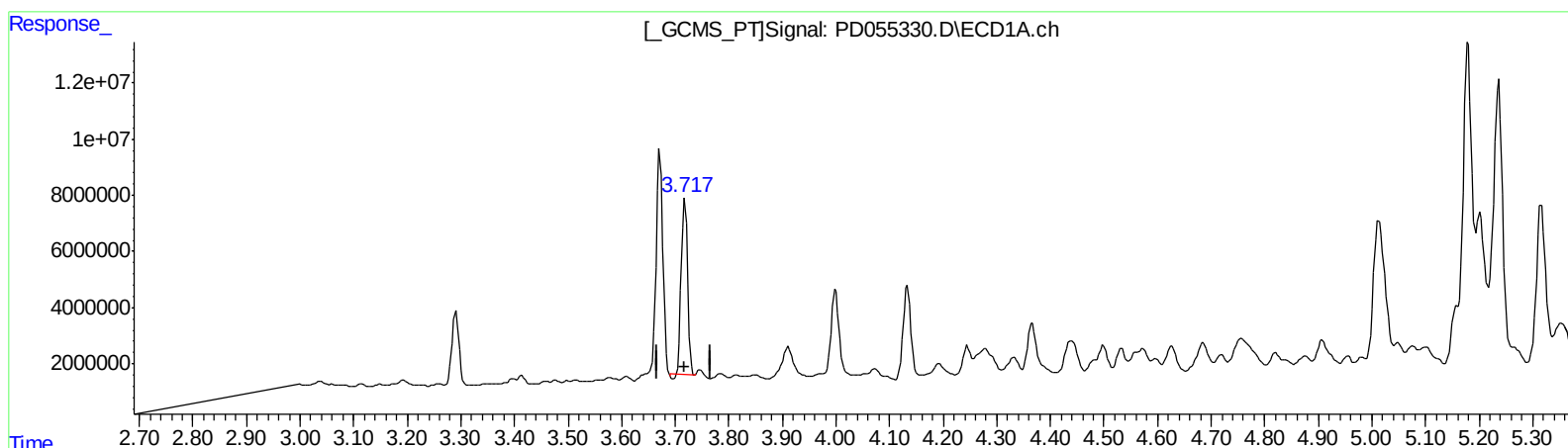
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

Ankita
10/18/2019 12:18:10 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 03:42:00 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101519CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 16 04:32:26 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

(2) alpha-BHC (A)

3.718min 54.279 ng/ml

response 50947949

(2) alpha-BHC #2 (A)

4.351min 53.210 ng/ml

response 69051016

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

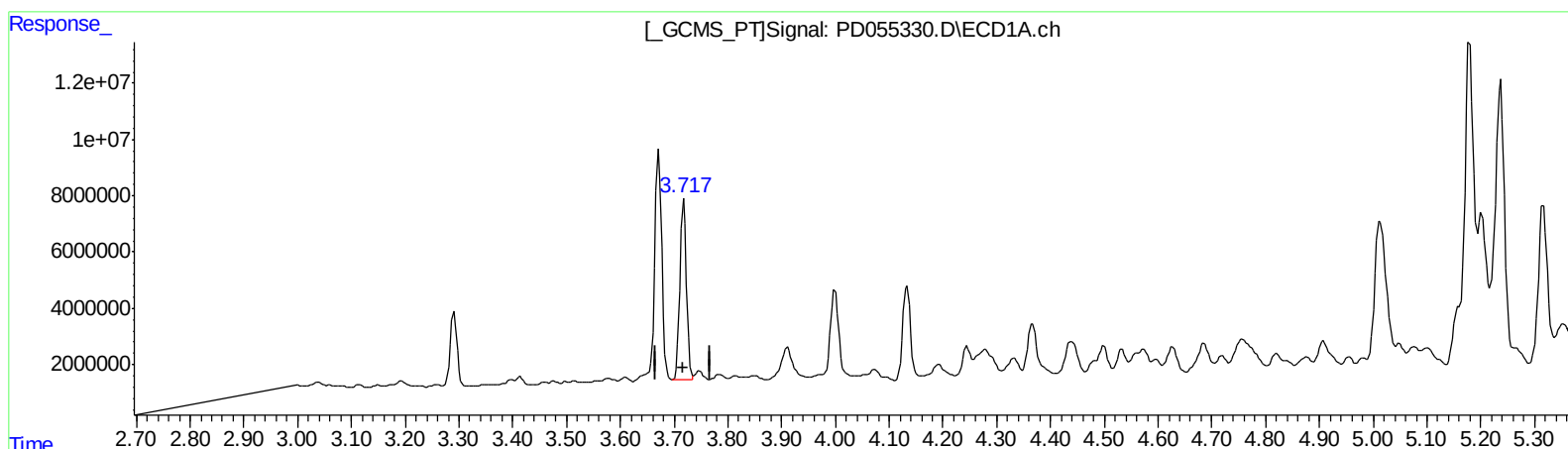
Instrument :
ECD_D
ClientSampleId :
BFB76

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



(2) alpha-BHC (A)
3.717min 59.176 ng/ml m
response 55544084

(2) alpha-BHC #2 (A)
4.350min 56.925 ng/ml m
response 73872653

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Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

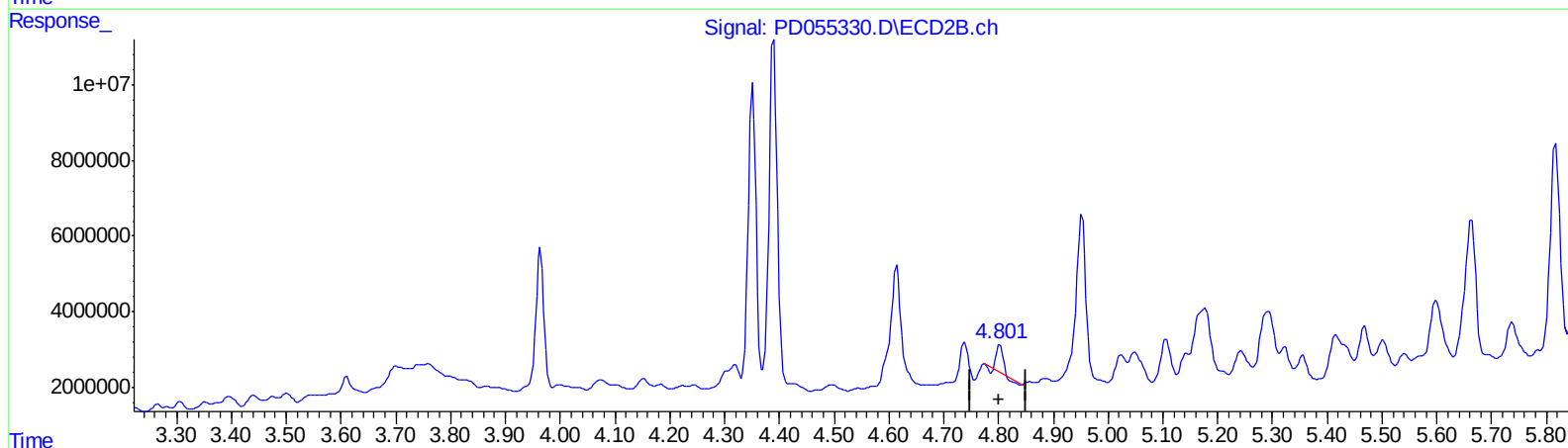
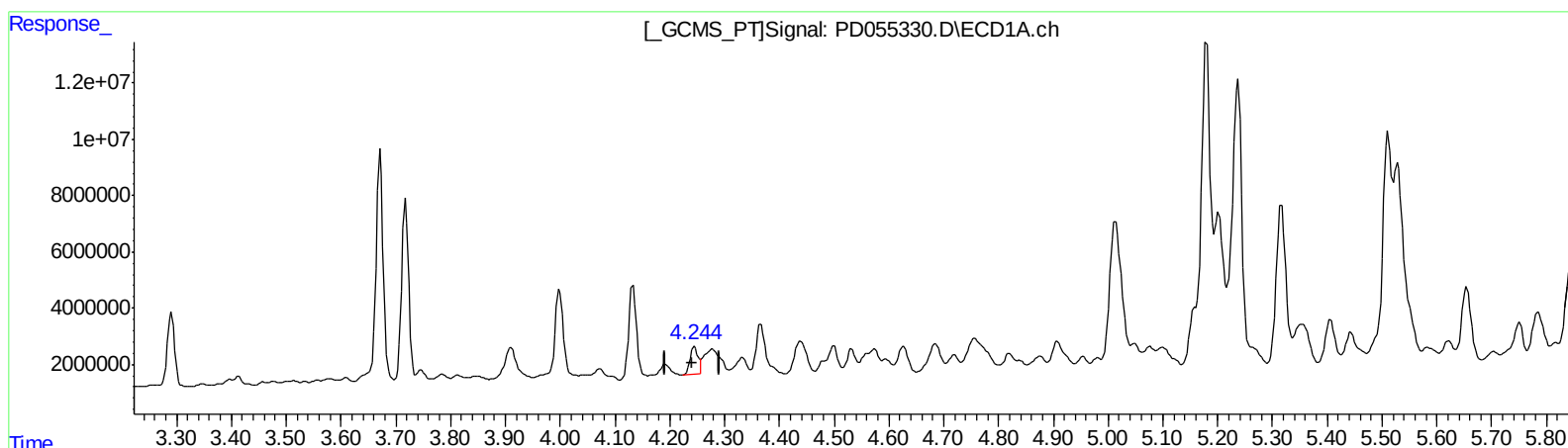
Instrument :
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(6) beta-BHC (B)
4.245min 24.595 ng/ml
response 9947601

(6) beta-BHC #2 (B)
4.803min 8.814 ng/ml
response 5333591

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Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

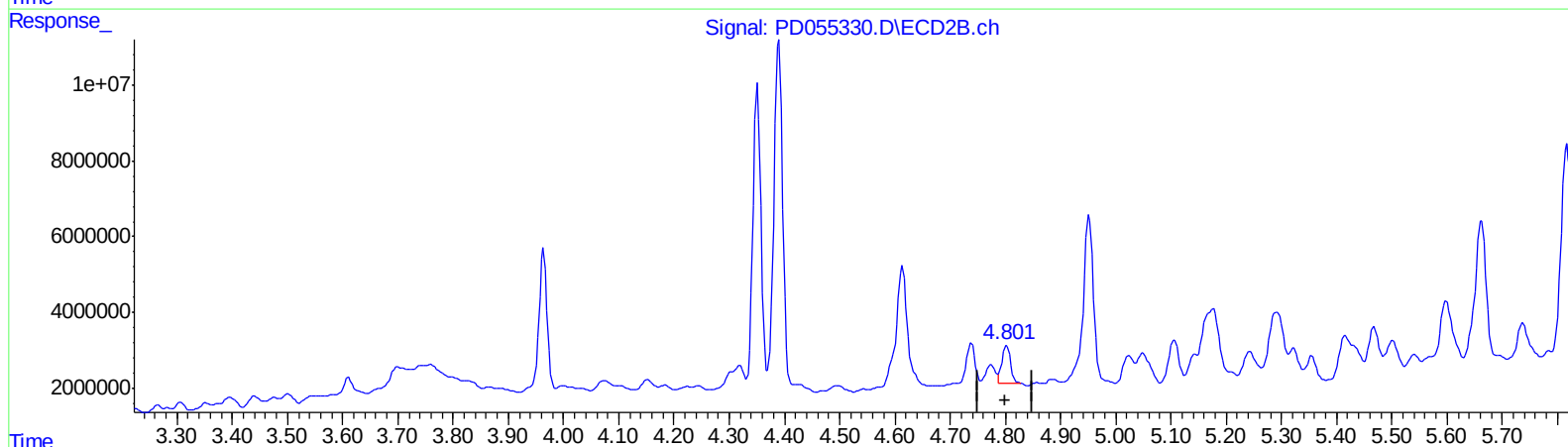
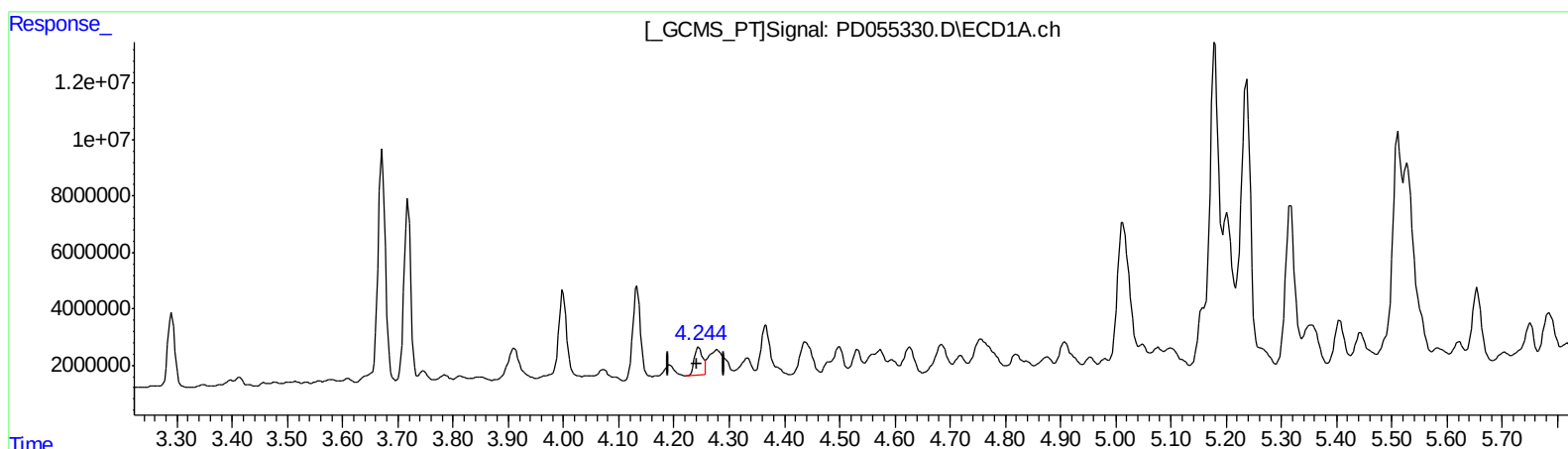
Instrument :
ECD_D
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BFB76

Manual Integrations
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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

(6) beta-BHC (B)

4.245min 24.595 ng/ml

response 9947601

(6) beta-BHC #2 (B)

4.801min 17.346 ng/ml m

response 10496463

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

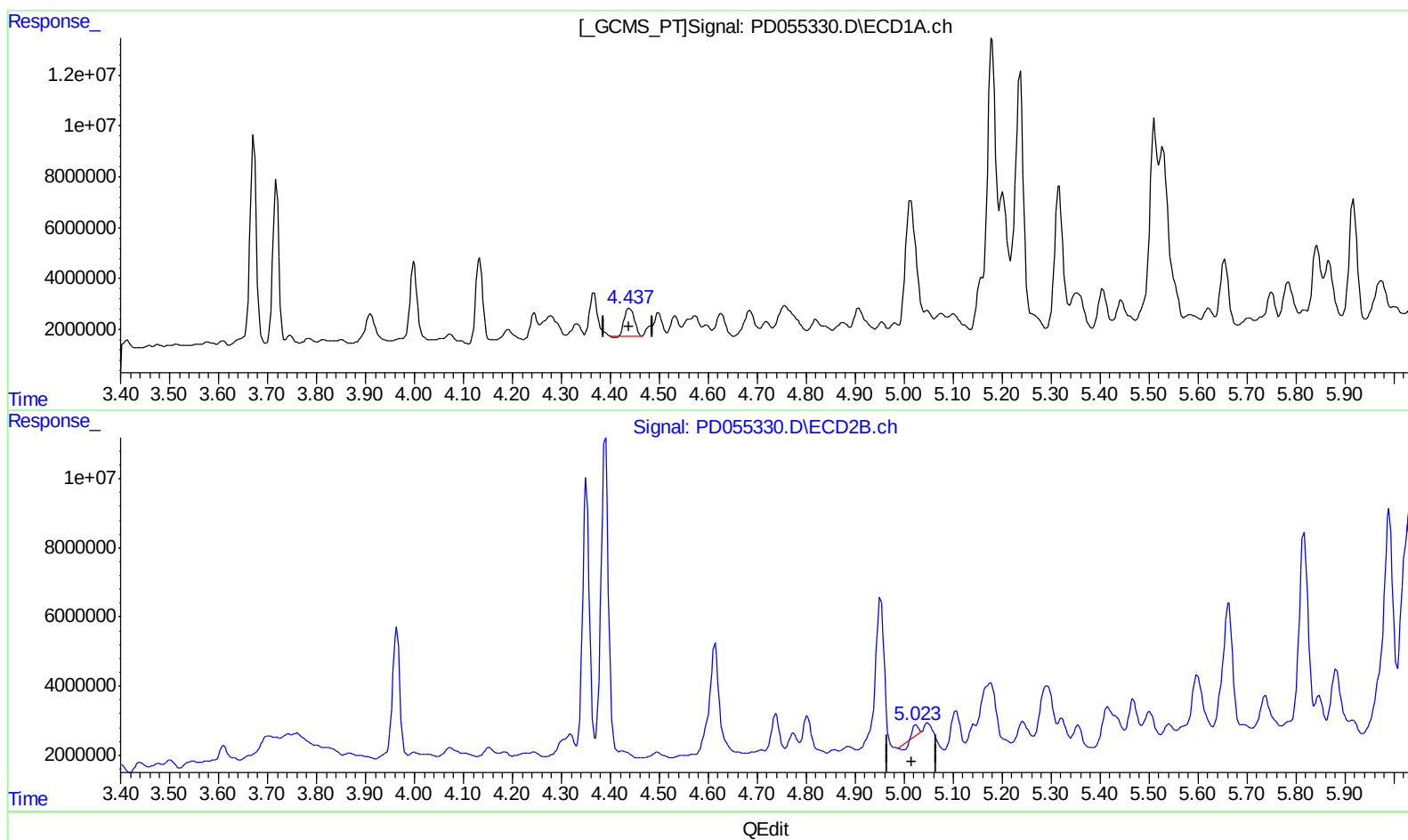
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
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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



(7) delta-BHC (B)
4.439min 16.661 ng/ml
response 15485757

(7) delta-BHC #2 (B)
5.025min 0.623 ng/ml
response 799899

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

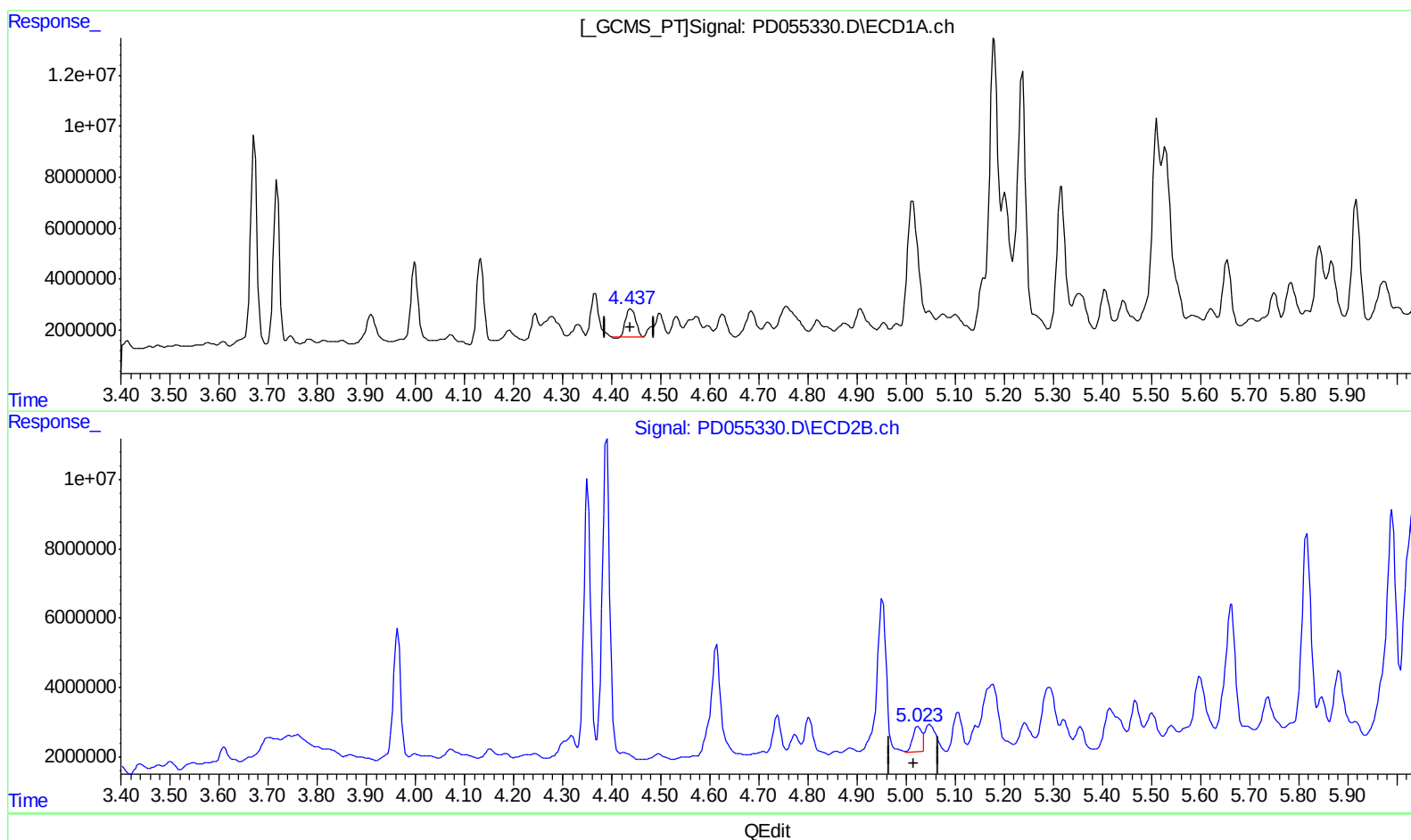
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

Ankita
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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)

4.439min 16.661 ng/ml

response 15485757

(7) delta-BHC #2 (B)

5.023min 7.179 ng/ml m

response 9217897

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

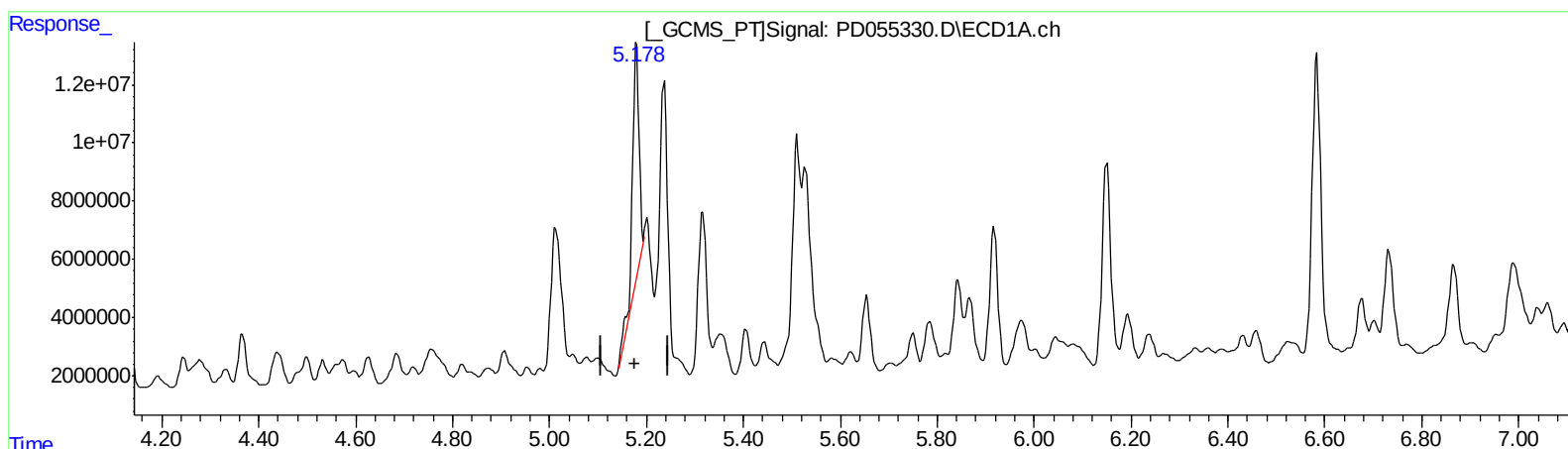
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

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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



(10) trans-Chlordane (B)

5.180min 96.983 ng/ml

response 74379016

(10) trans-Chlordane #2 (B)

6.060min 330.166 ng/ml

response 404007377

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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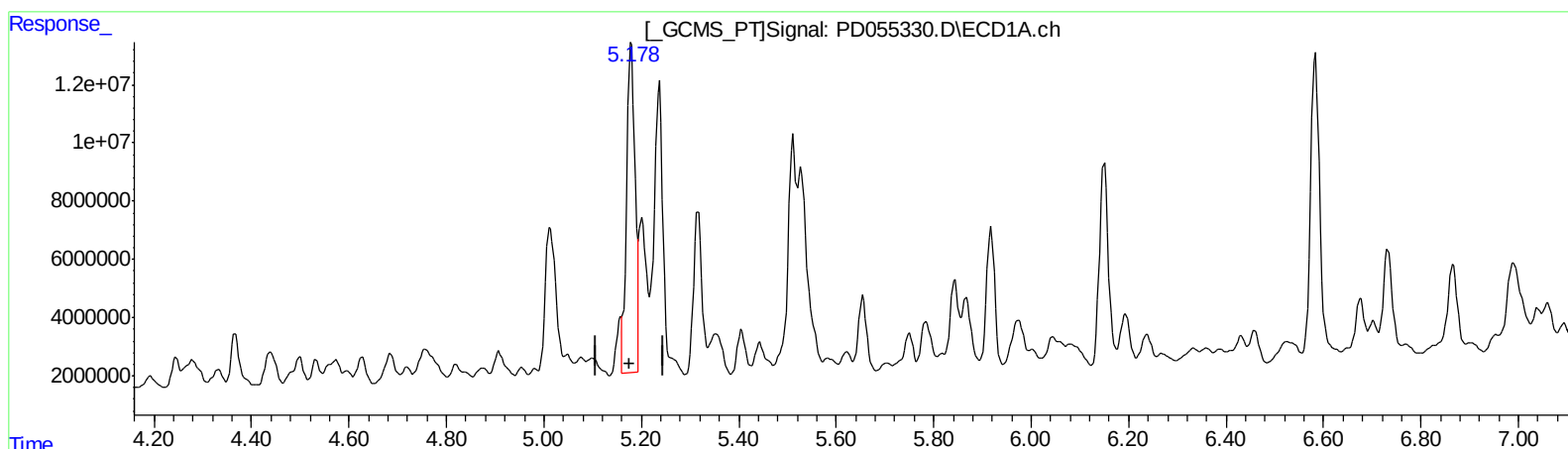
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

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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



(10) trans-Chlordane (B)
5.178min 166.906 ng/ml m
response 128004733

(10) trans-Chlordane #2 (B)
6.059min 363.488 ng/ml m
response 444781916

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

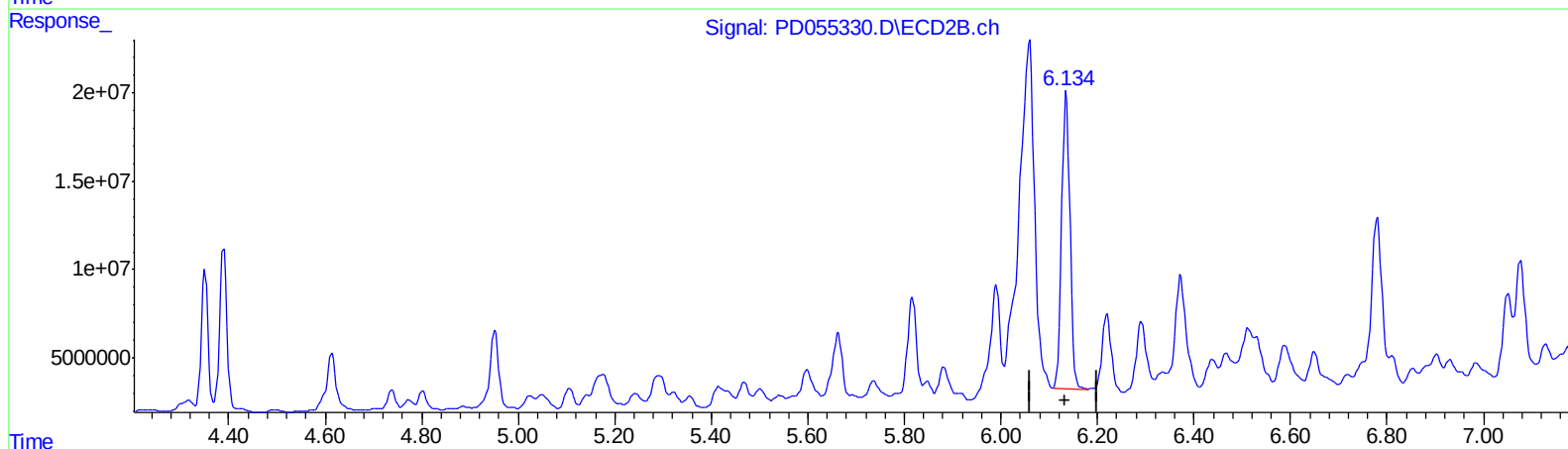
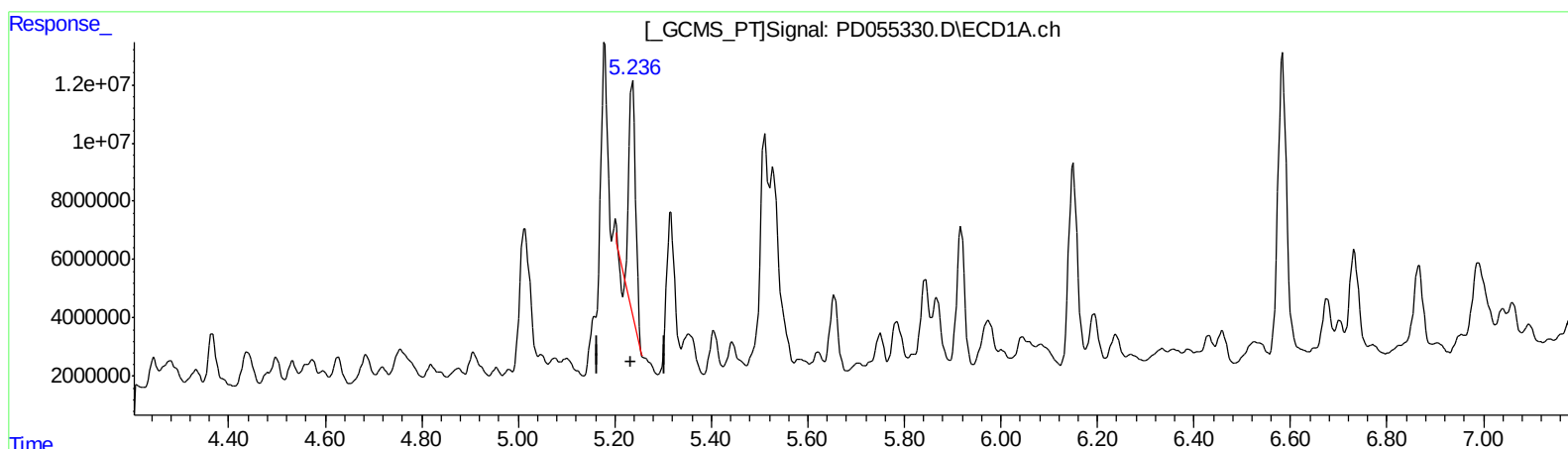
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

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

(11) cis-Chlordane (B)

5.237min 94.433 ng/ml

response 70216112

(11) cis-Chlordane #2 (B)

6.136min 174.018 ng/ml

response 205320230

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
Data File : PD055330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

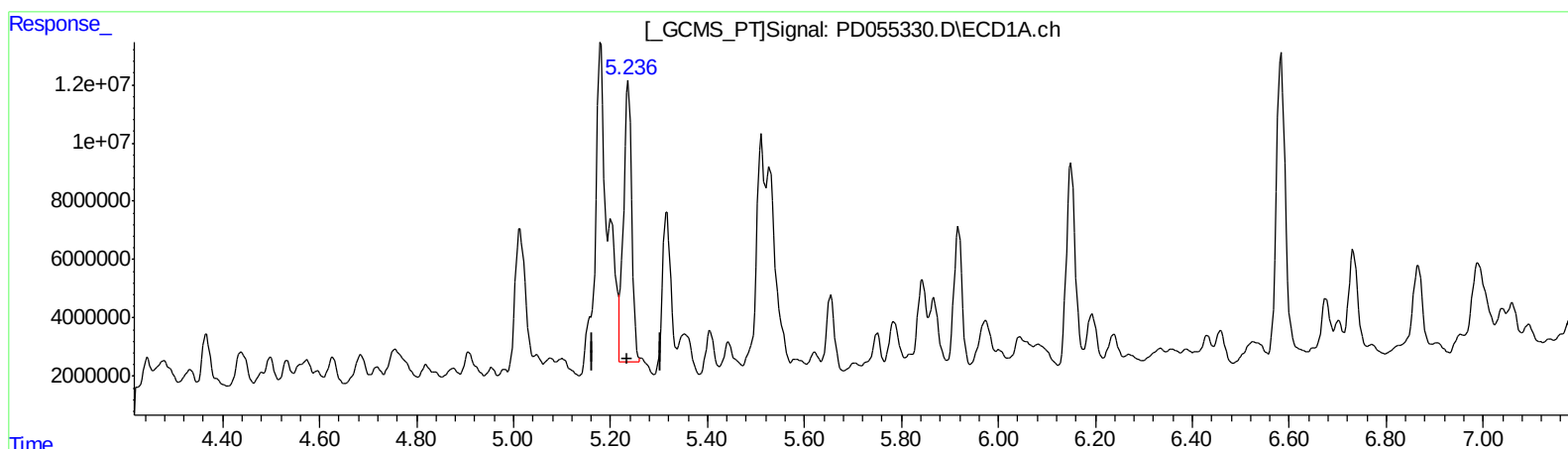
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

Ankita
10/18/2019 12:18:10 PM

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



(11) cis-Chlordane (B)
5.236min 151.546 ng/ml m
response 112682339

(11) cis-Chlordane #2 (B)
6.136min 174.018 ng/ml
response 205320230

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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Misc :
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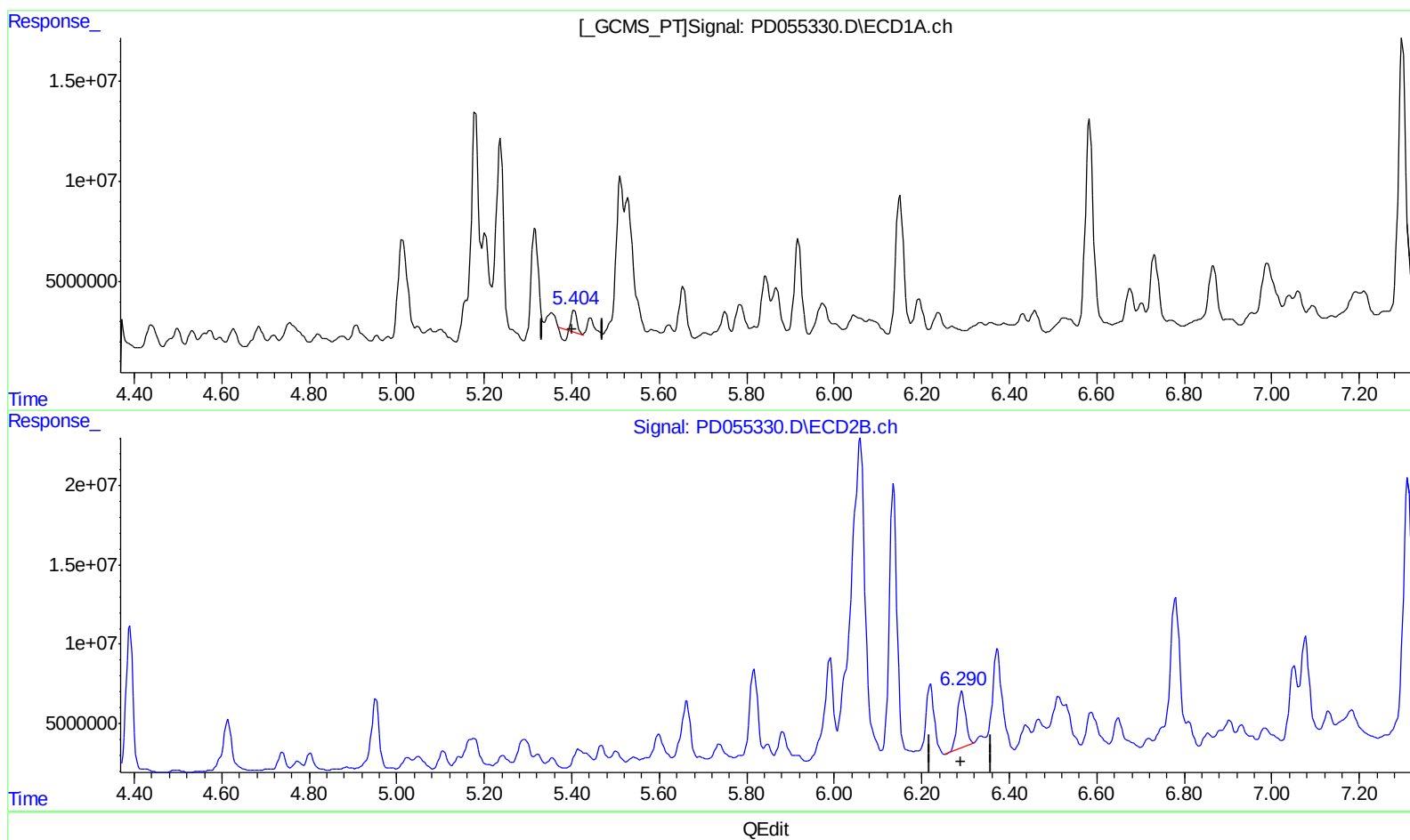
Instrument :
ECD_D
ClientSampleId :
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(12) 4,4'-DDE (B)
5.406min 6.565 ng/ml
response 5106907

(12) 4,4'-DDE #2 (B)
6.292min 37.688 ng/ml
response 45241015

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

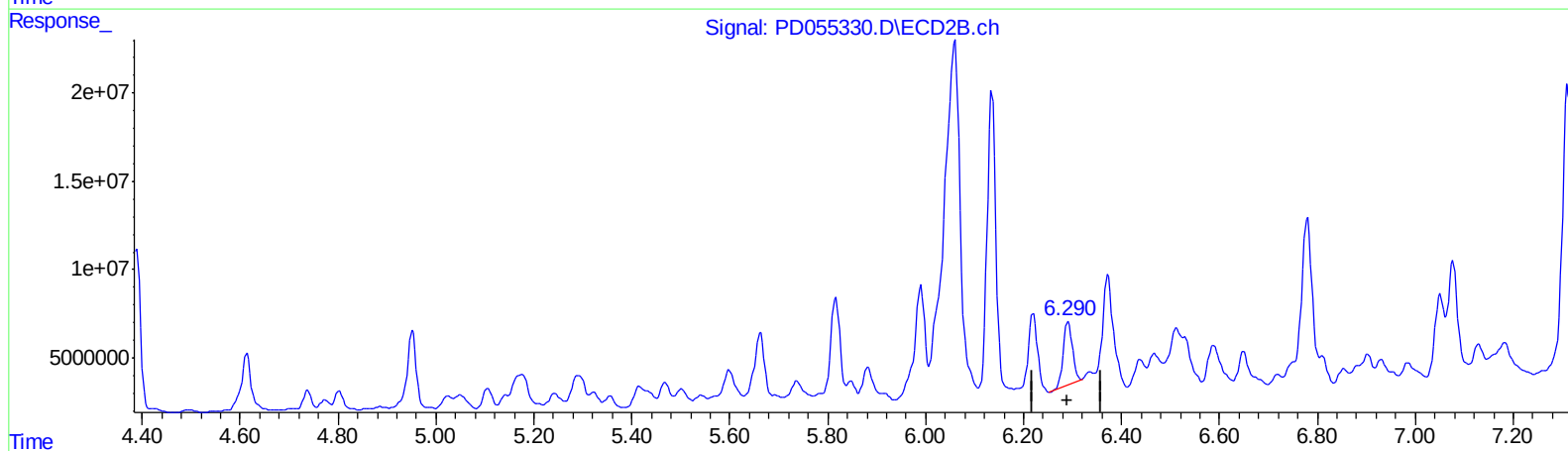
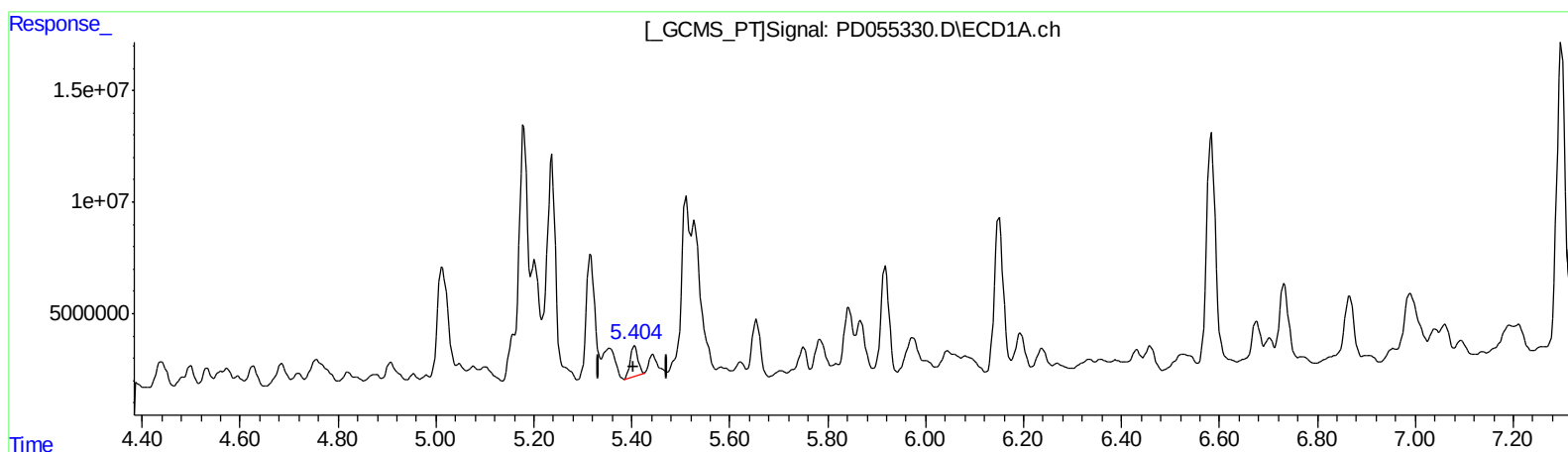
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Manual Integrations
APPROVED

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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



QEdit

(12) 4,4'-DDE (B)
5.404min 19.155 ng/ml m
response 14899948

(12) 4,4'-DDE #2 (B)
6.292min 37.688 ng/ml
response 45241015

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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Misc :
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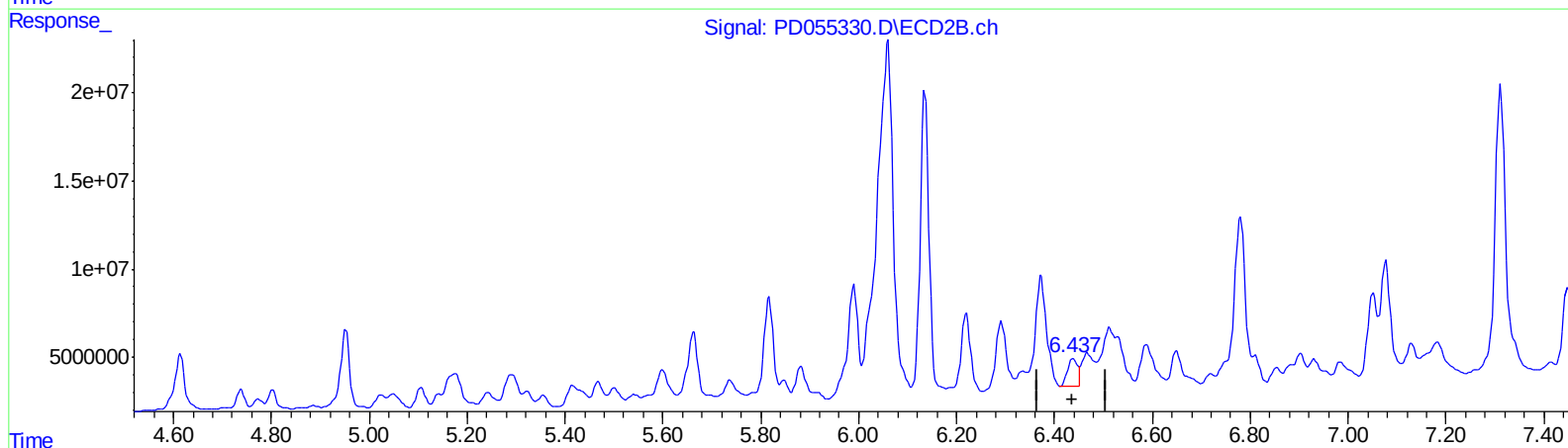
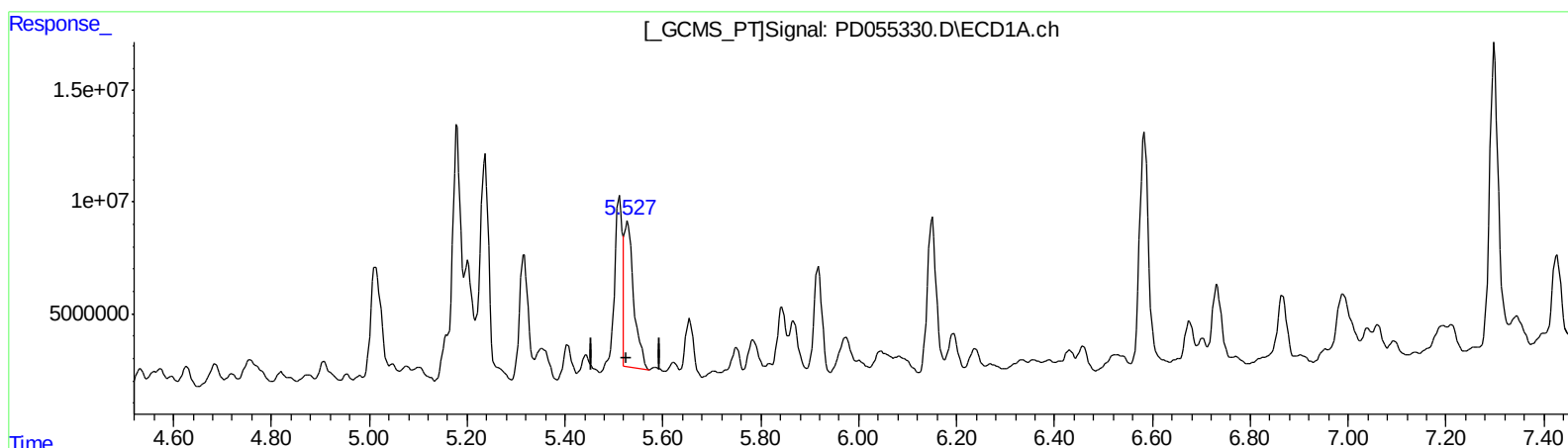
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APPROVED

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(13) Dieldrin (MA)
5.527min 110.664 ng/ml m
response 88657185

(13) Dieldrin #2 (MA)
6.437min 18.304 ng/ml m
response 23123627

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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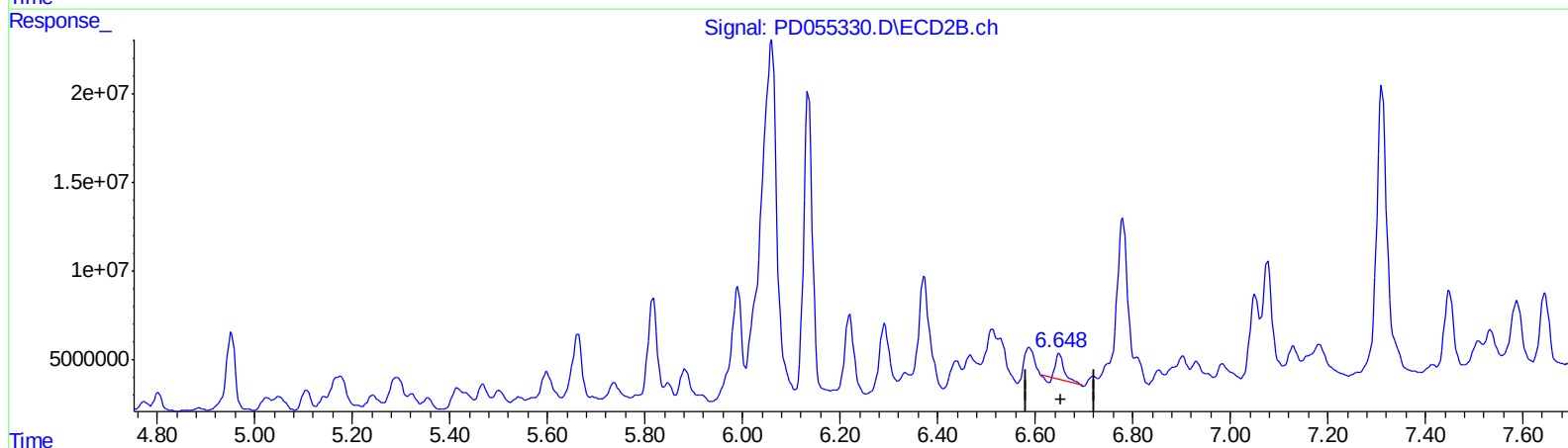
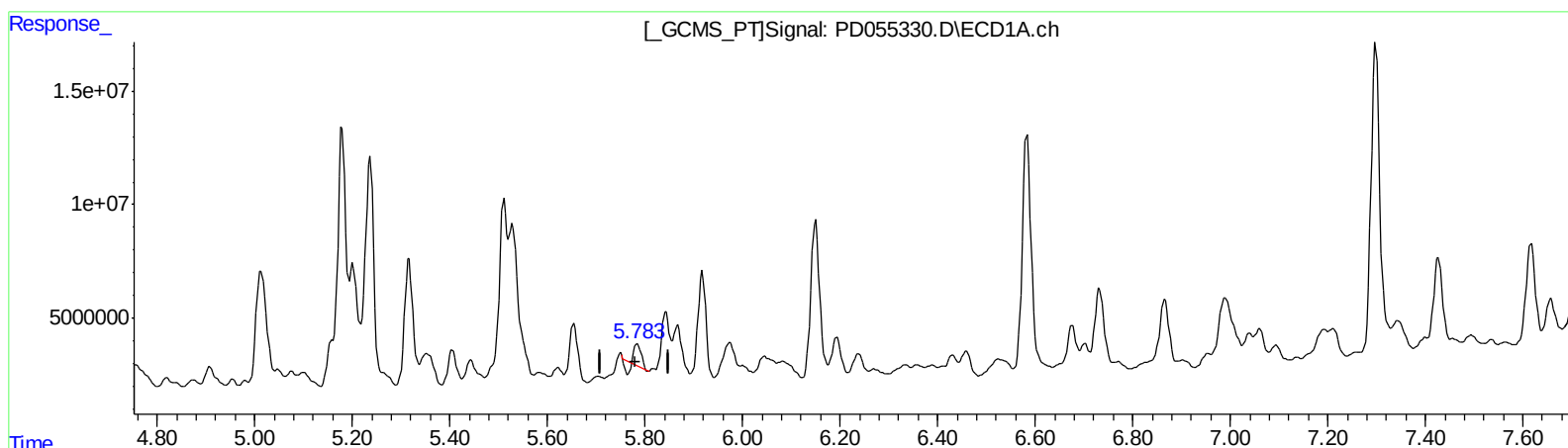
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(14) Endrin (MA)

5.785min 12.133 ng/ml

response 7860262

(14) Endrin #2 (MA)

6.650min 16.051 ng/ml

response 15874058

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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Misc :
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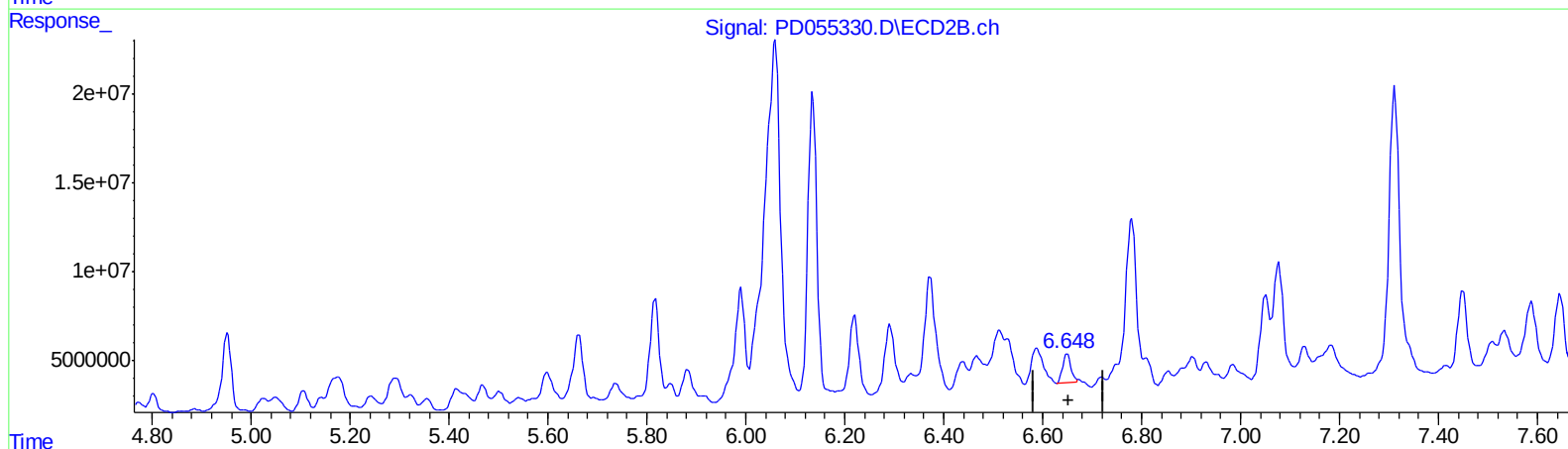
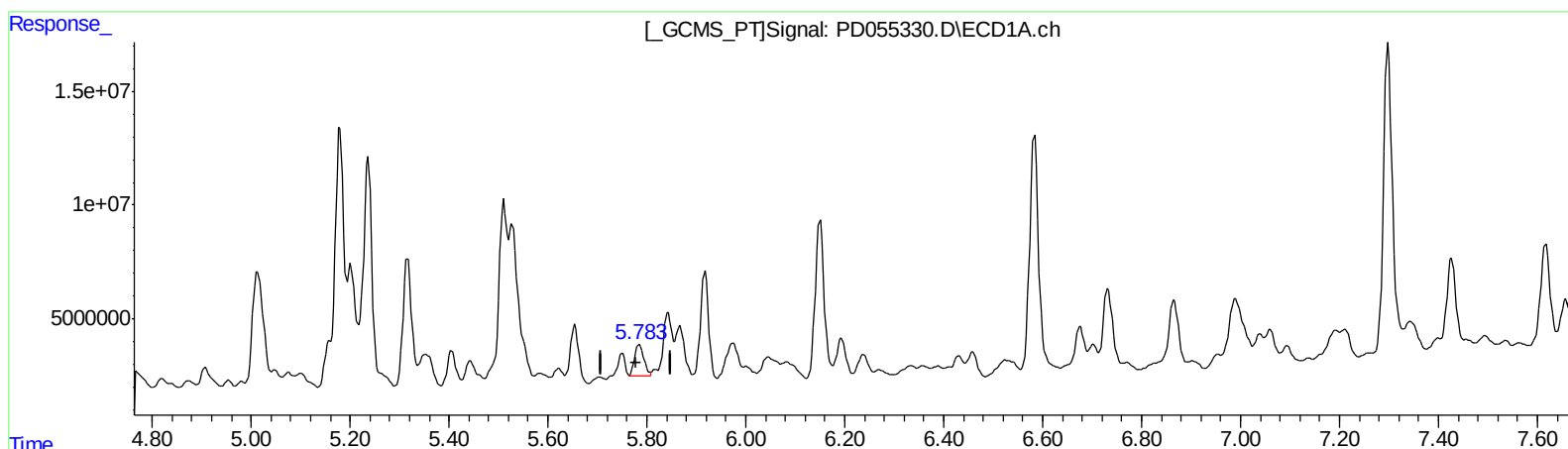
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(14) Endrin (MA)

5.783min 27.674 ng/ml m

response 17927865

(14) Endrin #2 (MA)

6.648min 18.584 ng/ml m

response 18378807

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
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ALS Vial : 25 Sample Multiplier: 1

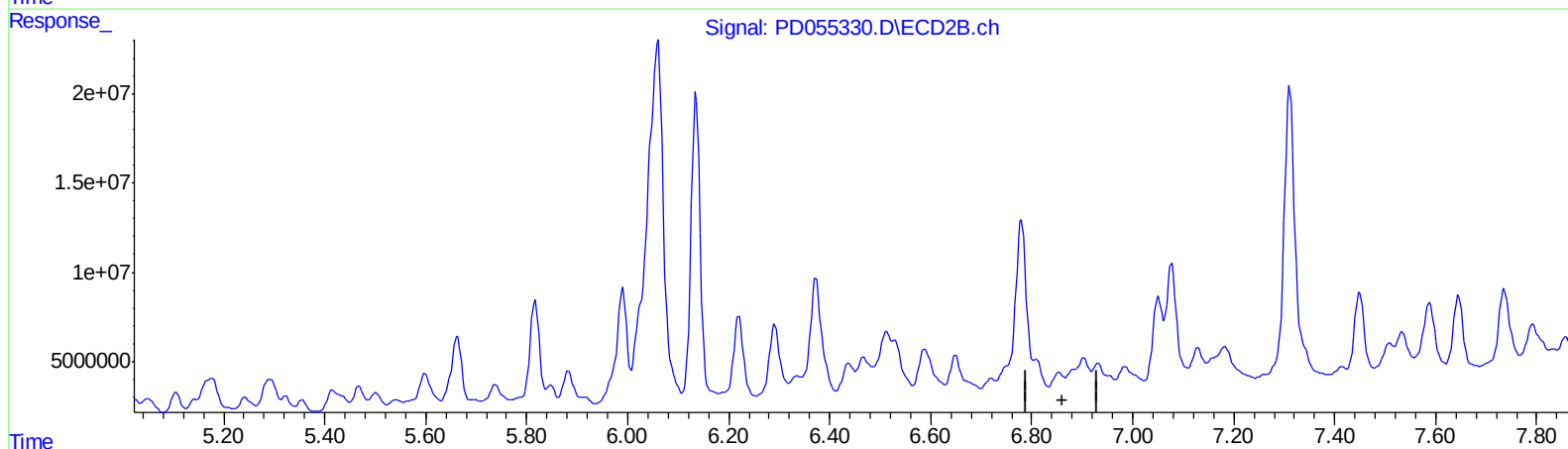
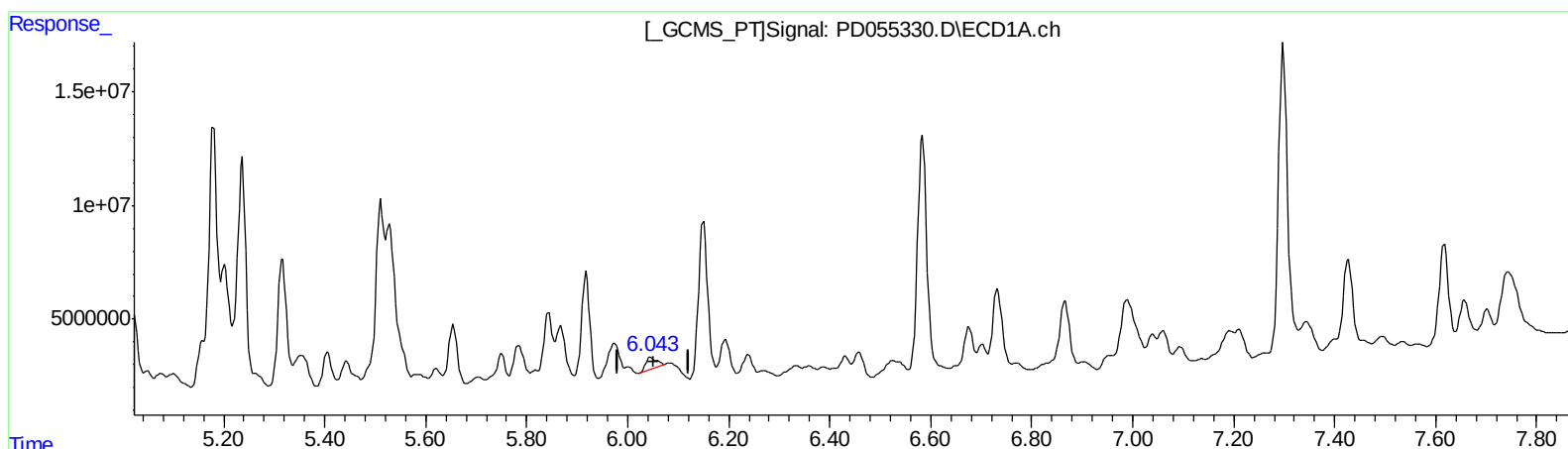
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

Ankita
10/18/2019 12:18:10 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 03:42:00 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101519CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 16 04:32:26 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)
6.045min 10.202 ng/ml
response 7399416

(15) Endosulfan II #2 (B)
6.854min -12.878 ng/ml
response -14780532

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
Data File : PD055330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

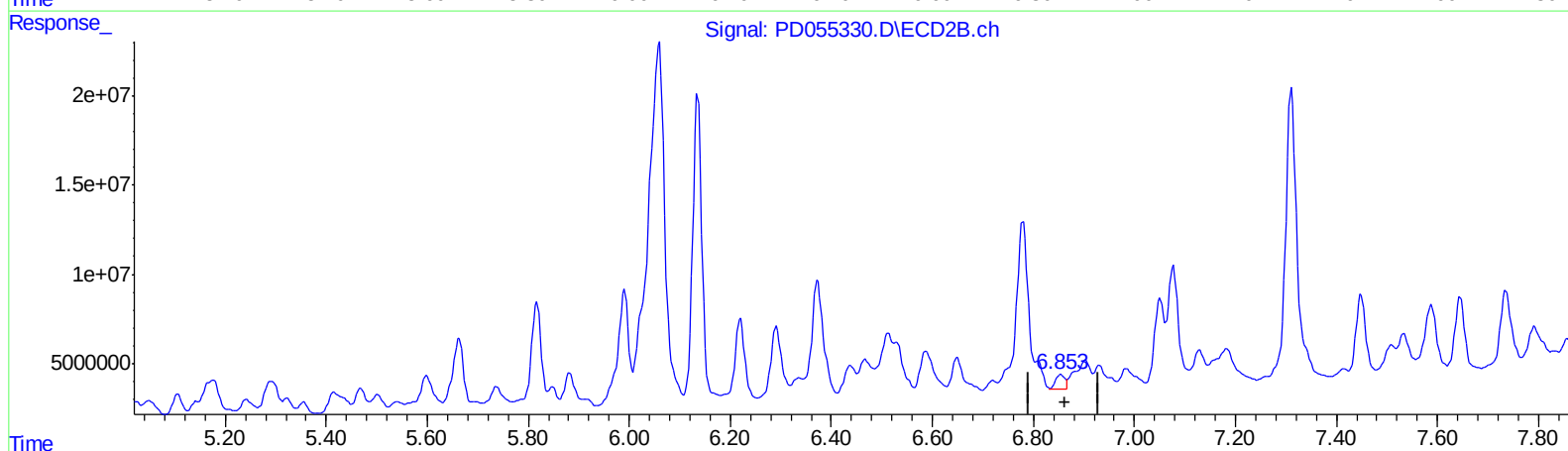
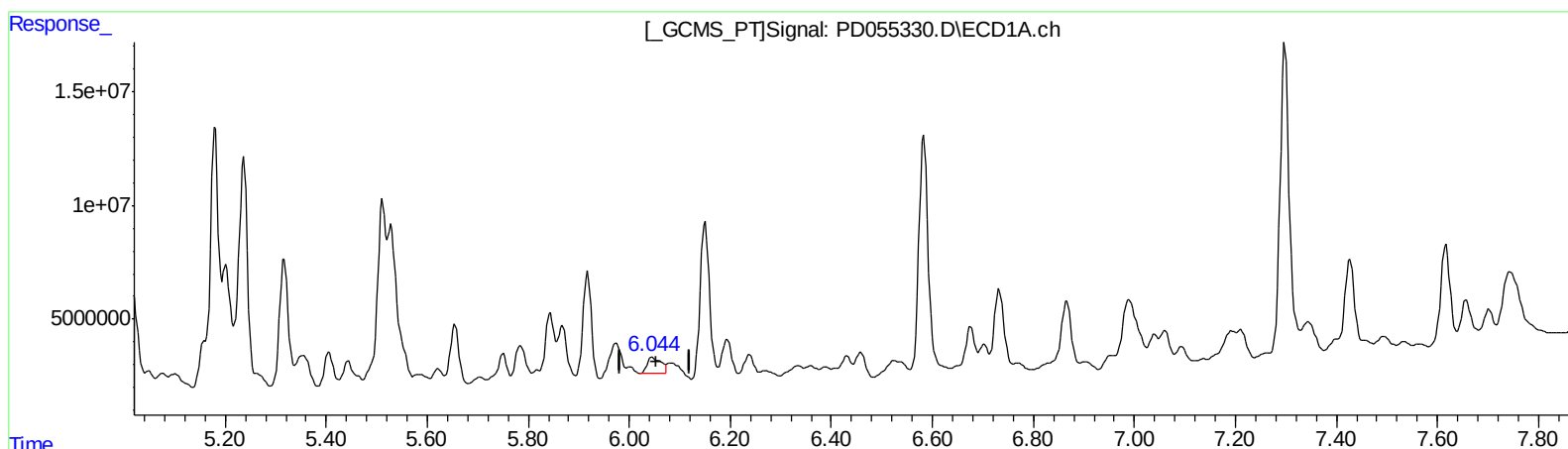
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

Ankita
10/18/2019 12:18:10 PM

Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101519CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 16 04:32:26 2019
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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



QEdit

(15) Endosulfan II (B)
6.044min 18.692 ng/ml m
response 13557814

(15) Endosulfan II #2 (B)
6.853min 8.124 ng/ml m
response 9324161

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
Data File : PD055330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

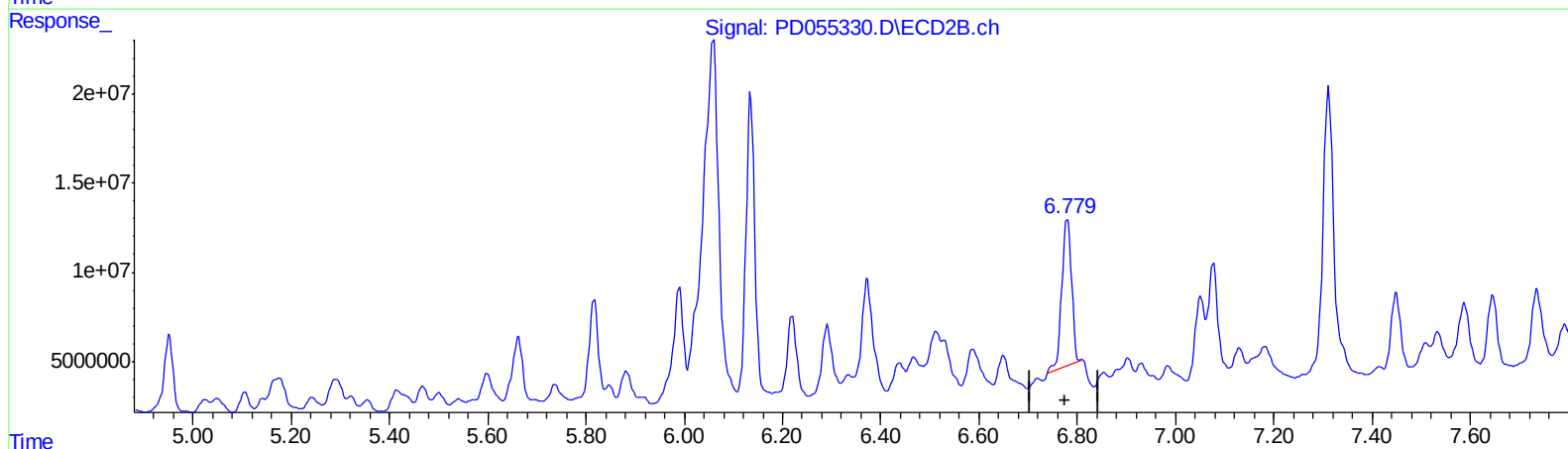
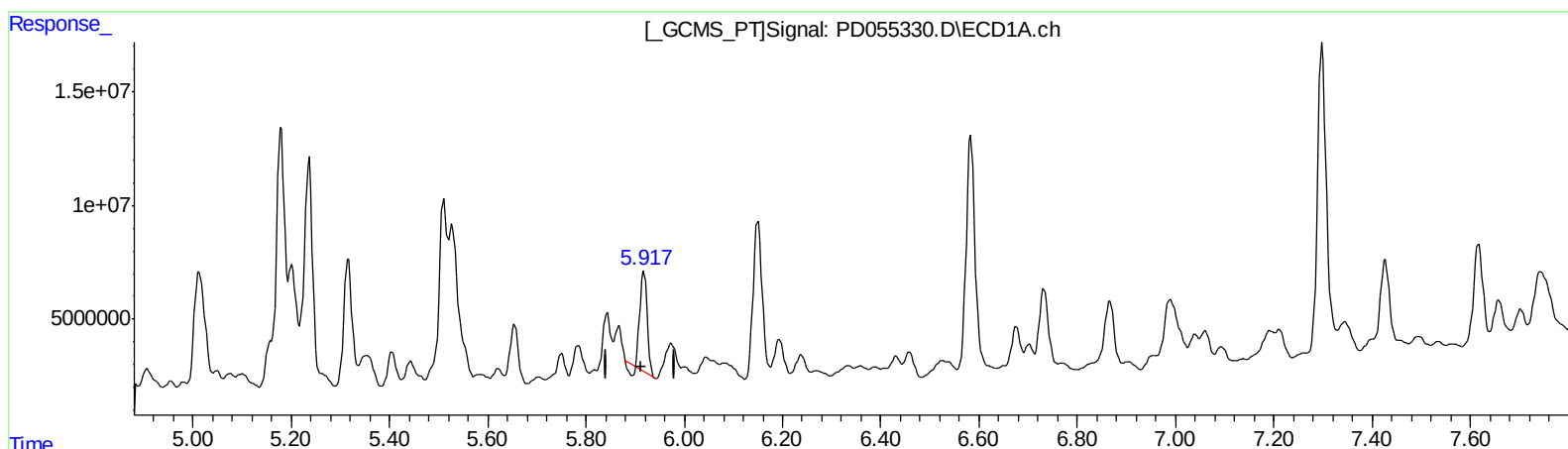
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

Ankita
10/18/2019 12:18:10 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 03:42:00 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101519CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 16 04:32:26 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)
5.918min 75.998 ng/ml
response 44174217

(16) 4,4'-DDD #2 (A)
6.780min 108.419 ng/ml
response 110602614

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
Data File : PD055330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

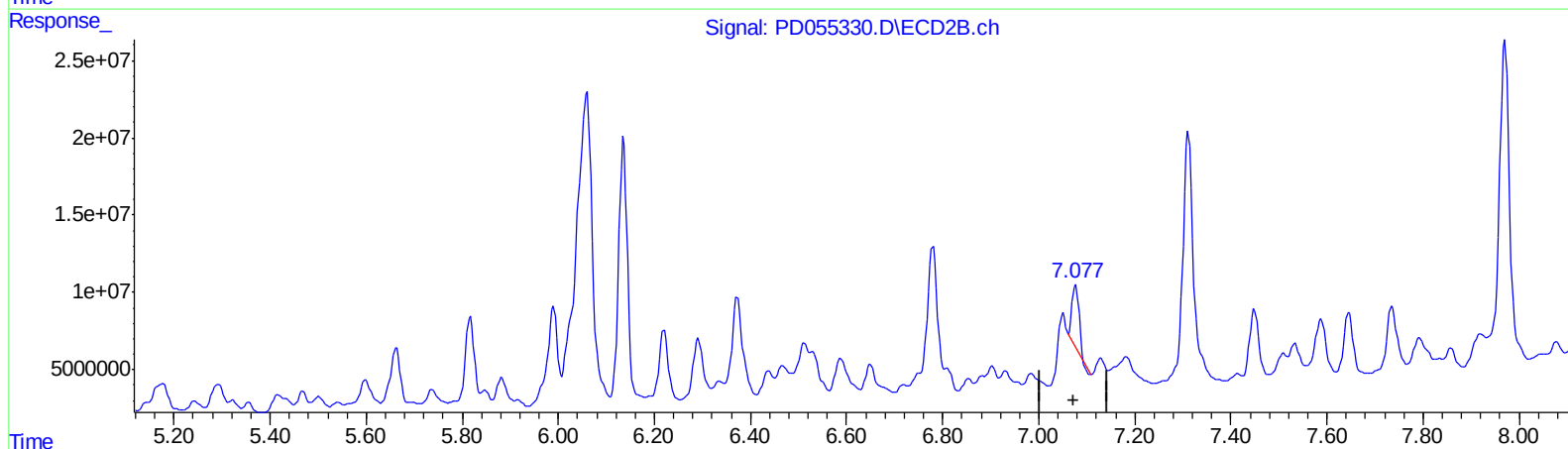
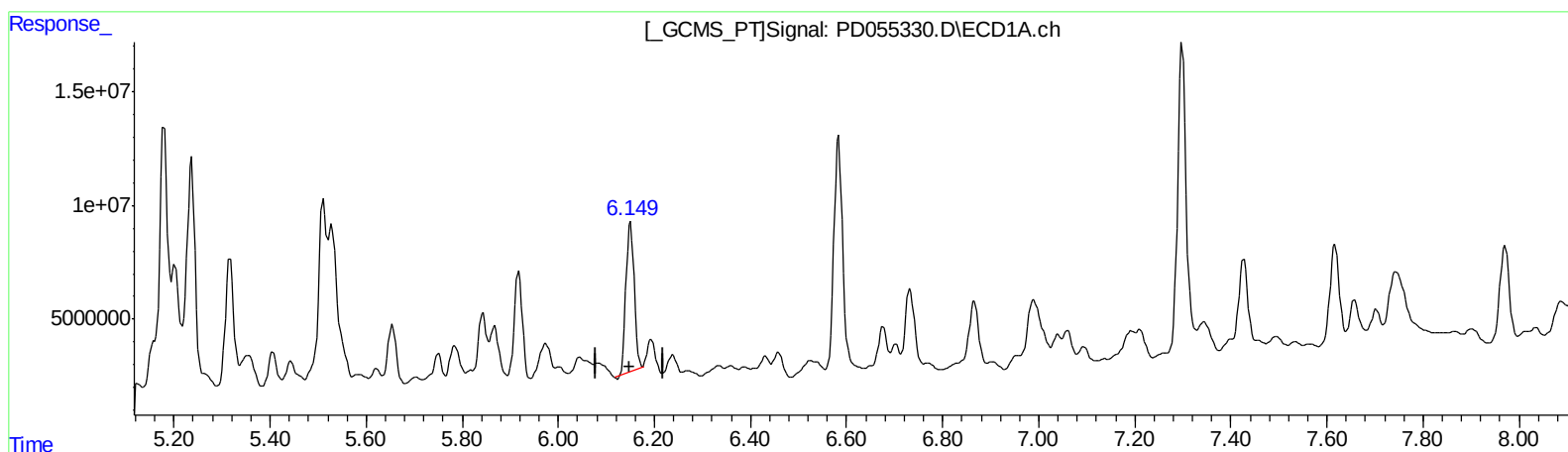
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

Ankita
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Integration File signal 1: autoint1.e
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Quant Time: Oct 17 03:42:00 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101519CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 16 04:32:26 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

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

6.150min 195.489 ng/ml

response 78376739

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

7.077min 40.907 ng/ml

response 38231191

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
Data File : PD055330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

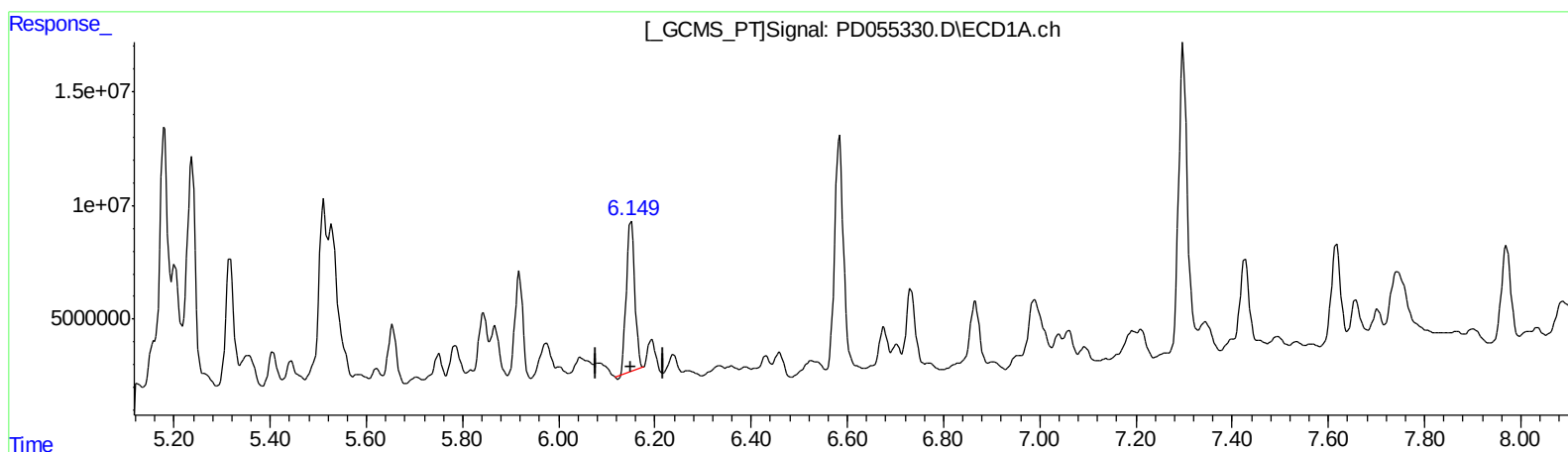
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

Ankita
10/18/2019 12:18:10 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 03:42:00 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101519CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 16 04:32:26 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



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

6.150min 195.489 ng/ml

response 78376739

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

7.076min 94.531 ng/ml m

response 88348301

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
Data File : PD055330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

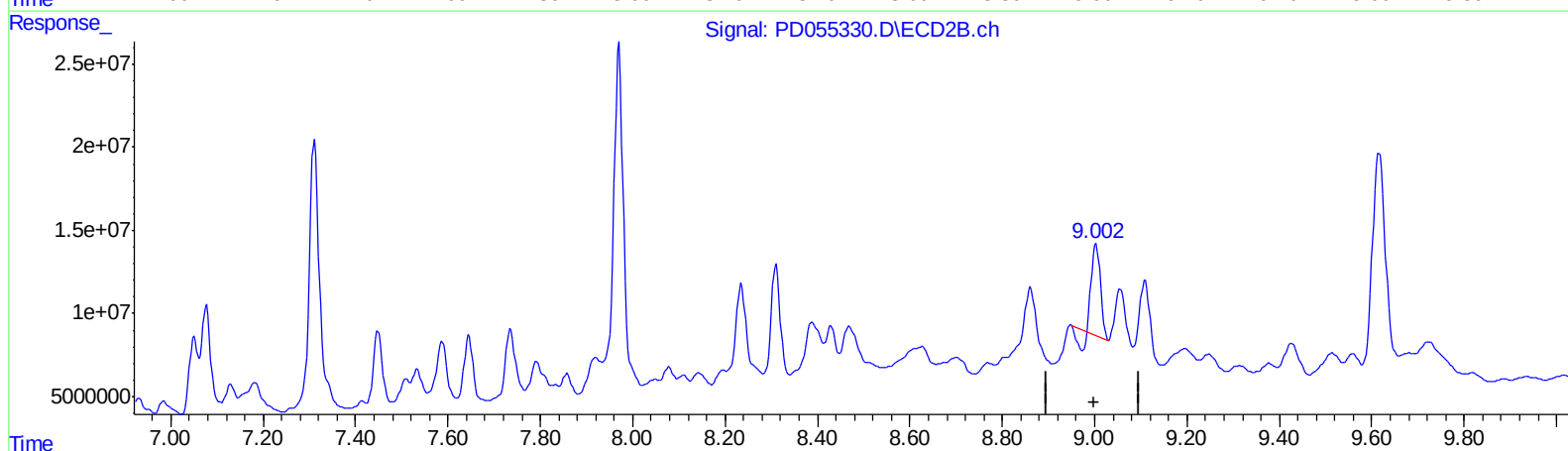
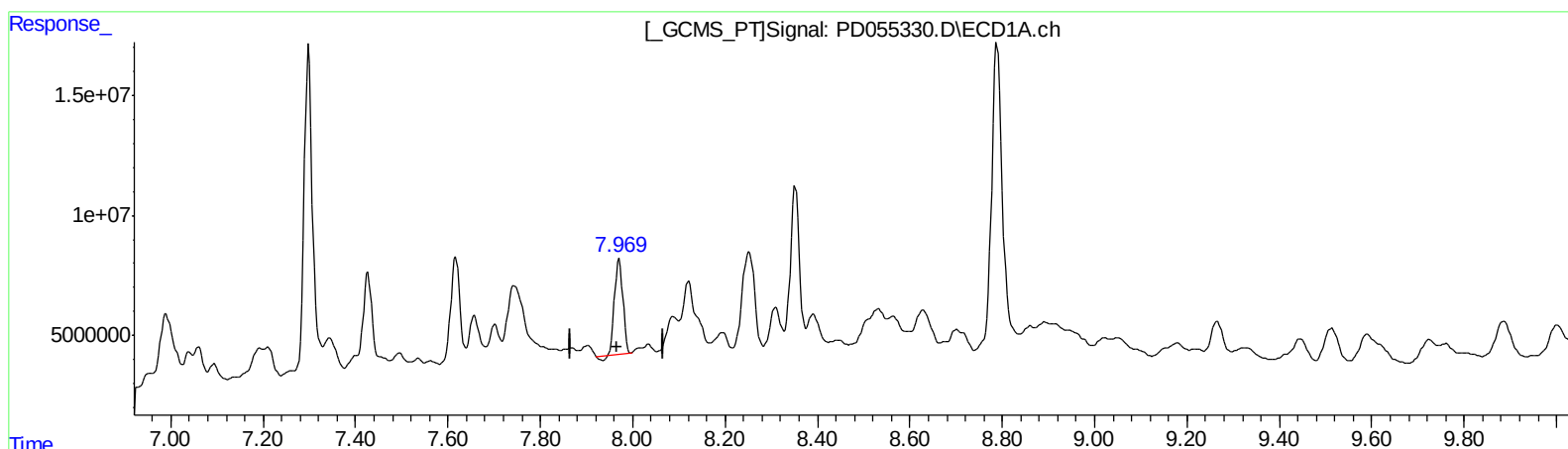
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

Ankita
10/18/2019 12:18:10 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 03:42:00 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101519CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 16 04:32:26 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

(27) Decachlorobiphenyl (SA)

7.971min 71.935 ng/ml

response 49772672

(27) Decachlorobiphenyl #2 (SA)

9.003min 61.656 ng/ml

response 60872575

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
Data File : PD055330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 20:05
Operator : SG\AJ
Sample : K5262-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

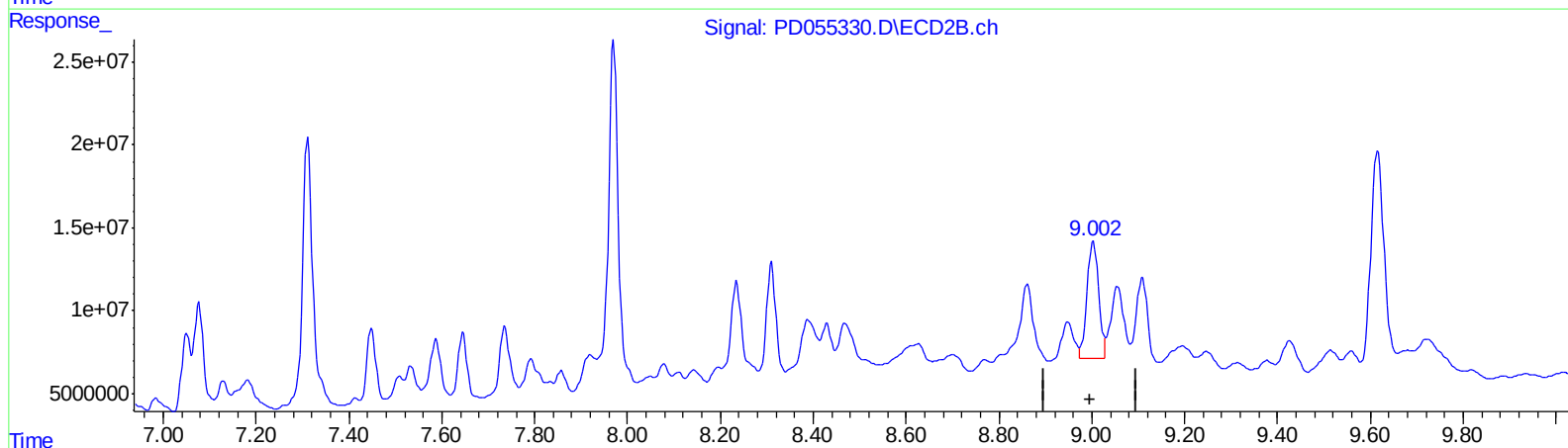
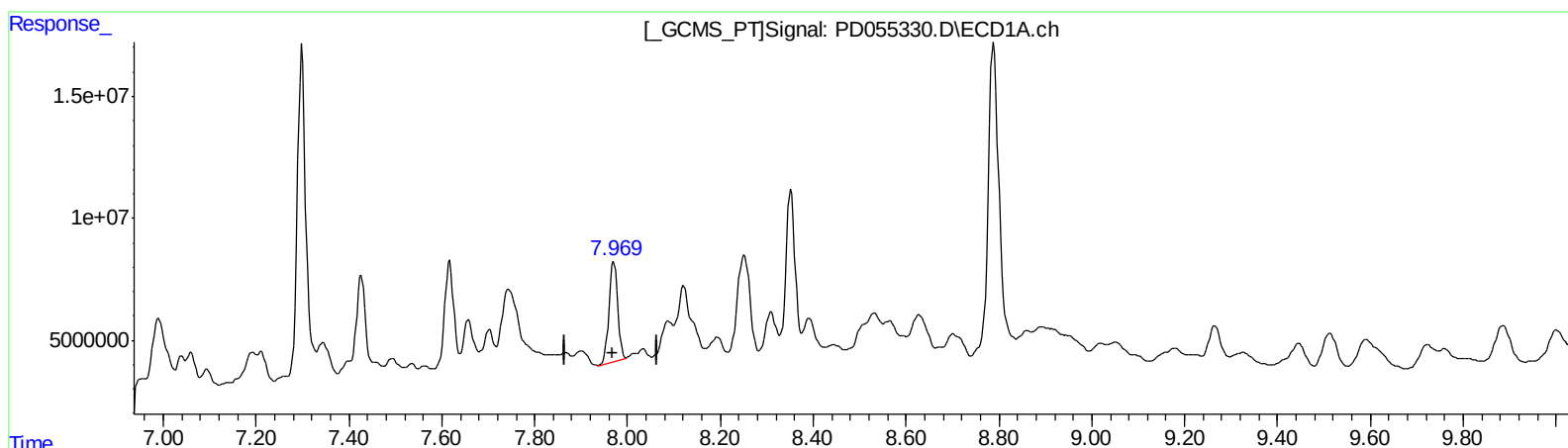
Instrument :
ECD_D
ClientSampleId :
BFB76

Manual Integrations
APPROVED

Ankita
10/18/2019 12:18:10 PM

Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101519CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 16 04:32:26 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

(27) Decachlorobiphenyl (SA)

7.969min 78.184 ng/ml m

response 54096889

(27) Decachlorobiphenyl #2 (SA)

9.002min 123.630 ng/ml m

response 122059695

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
 Data File : PD055330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2019 20:05
 Operator : SG\AJ
 Sample : K5262-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BFB76

Manual Integrations
 APPROVED

Ankita
 10/18/2019 12:18:10 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 03:42:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101519CLP.M
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 QLast Update : Wed Oct 16 04:32:26 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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.291	3.964	23036627	37601806	36.464	40.371
27) SA Decachlor...	7.969	9.002	54096889	122.1E6	78.184m	123.630m#
Target Compounds						
2) A alpha-BHC	3.717	4.350	55544084	73872653	59.176m	56.925m
3) MA gamma-BHC...	3.999	4.613	30767951	45301381	35.321	35.167m
6) B beta-BHC	4.245	4.801	9947601	10496463	24.595	17.346m#
7) B delta-BHC	4.439	5.023	15485757	9217897	16.661	7.179m#
10) B trans-Chl...	5.178	6.059	128.0E6	444.8E6	166.906m	363.488m#
11) B cis-Chlor...	5.236	6.136	112.7E6	205.3E6	151.546m	174.018
12) B 4,4'-DDE	5.404	6.292	14899948	45241015	19.155m	37.688 #
13) MA Dieldrin	5.527	6.437	88657185	23123627	110.664m	18.304m#
14) MA Endrin	5.783	6.648	17927865	18378807	27.674m	18.584m#
15) B Endosulfa...	6.044	6.853	13557814	9324161	18.692m	8.124m#
16) A 4,4'-DDD	5.917	6.779	52152329	126.7E6	89.724m	124.174m#
17) MA 4,4'-DDT	6.150	7.076	78376739	88348301	195.489	94.531m#

AJ
 10124119

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