

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

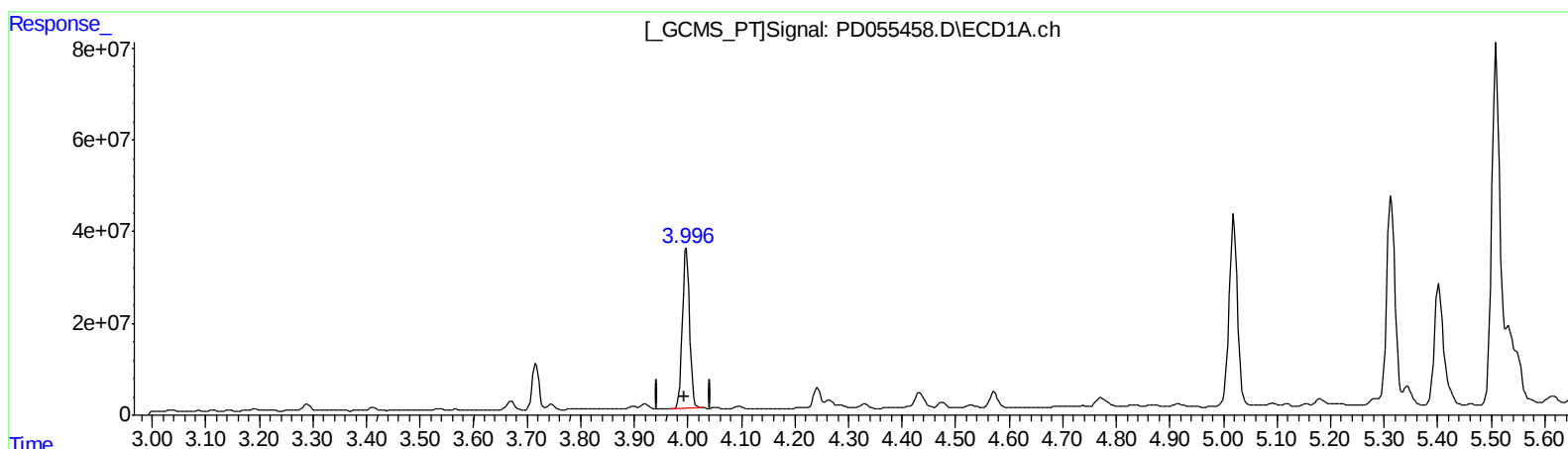
Instrument :
ECD_D
ClientSampleId :
BFBB1

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:51 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 00:52:52 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 278.571 ng/ml

response 330109532

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

4.612min 103.731 ng/ml

response 191273767

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

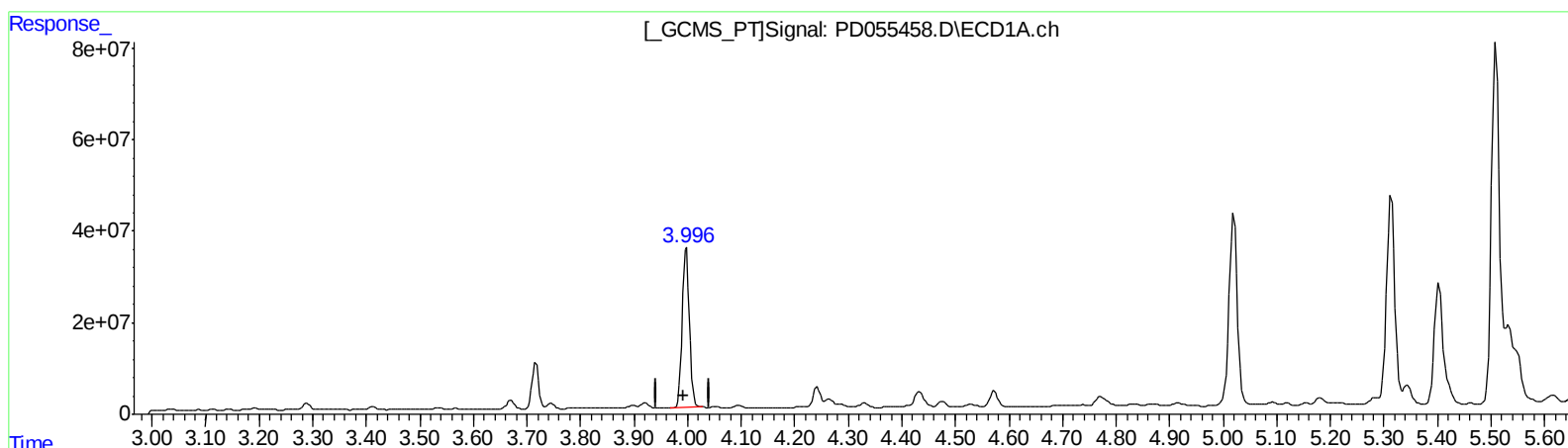
Instrument :
ECD_D
ClientSampleId :
BFBB1

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:51 AM

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



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

3.998min 278.571 ng/ml

response 330109532

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

4.611min 175.829 ng/ml m

response 324218118

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

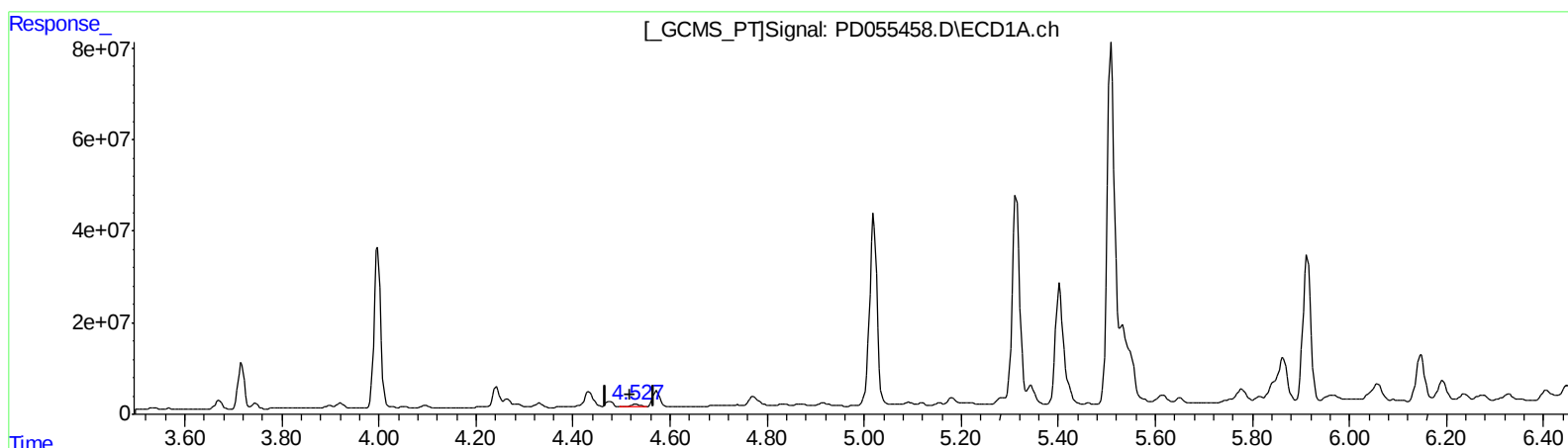
Instrument :
ECD_D
ClientSampleId :
BFBB1

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



(5) Aldrin (MB)

4.528min 5.421 ng/ml

response 5766368

(5) Aldrin #2 (MB)

5.441min 2.343 ng/ml

response 4073792

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

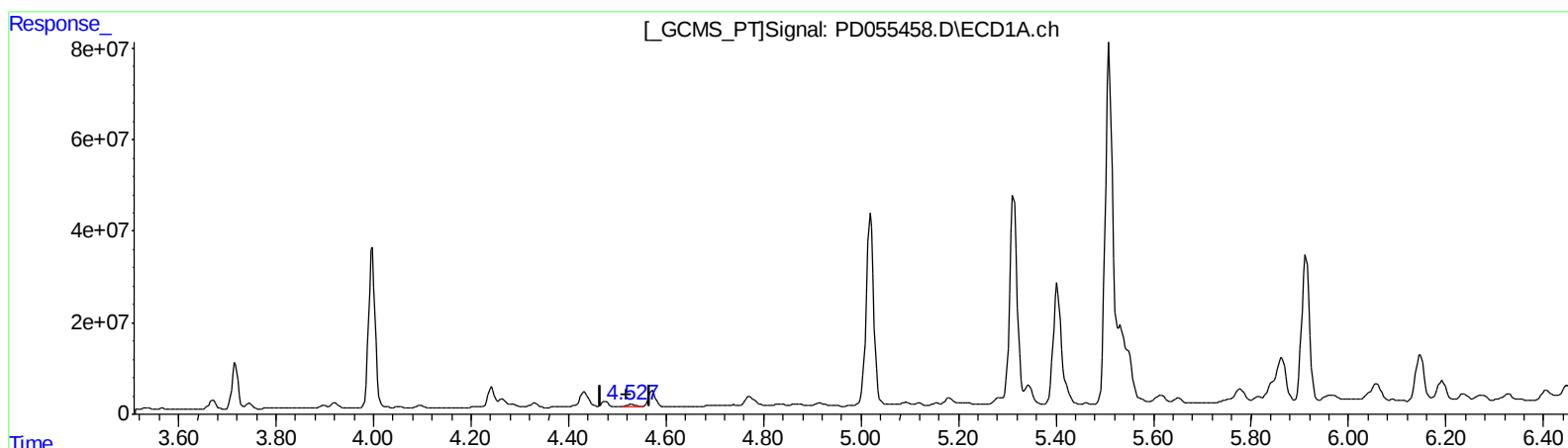
Instrument :
ECD_D
ClientSampleId :
BFBB1

Manual Integrations
APPROVED

Ankita
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Integration File signal 1: autoint1.e
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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)

4.527min 6.648 ng/ml m

response 7071882

(5) Aldrin #2 (MB)

5.440min 2.890 ng/ml m

response 5024944

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

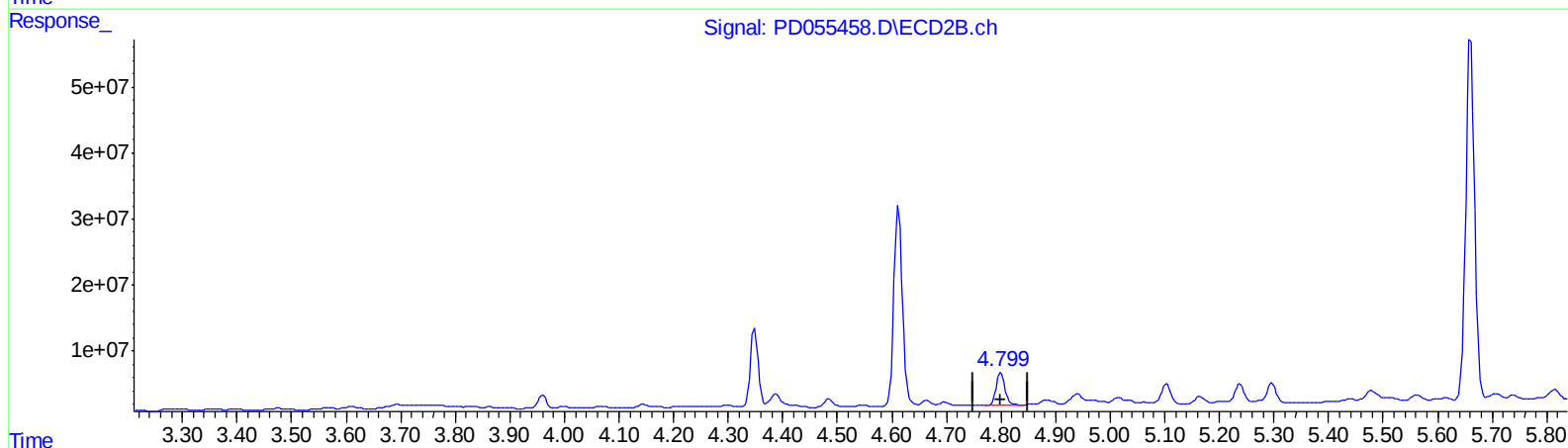
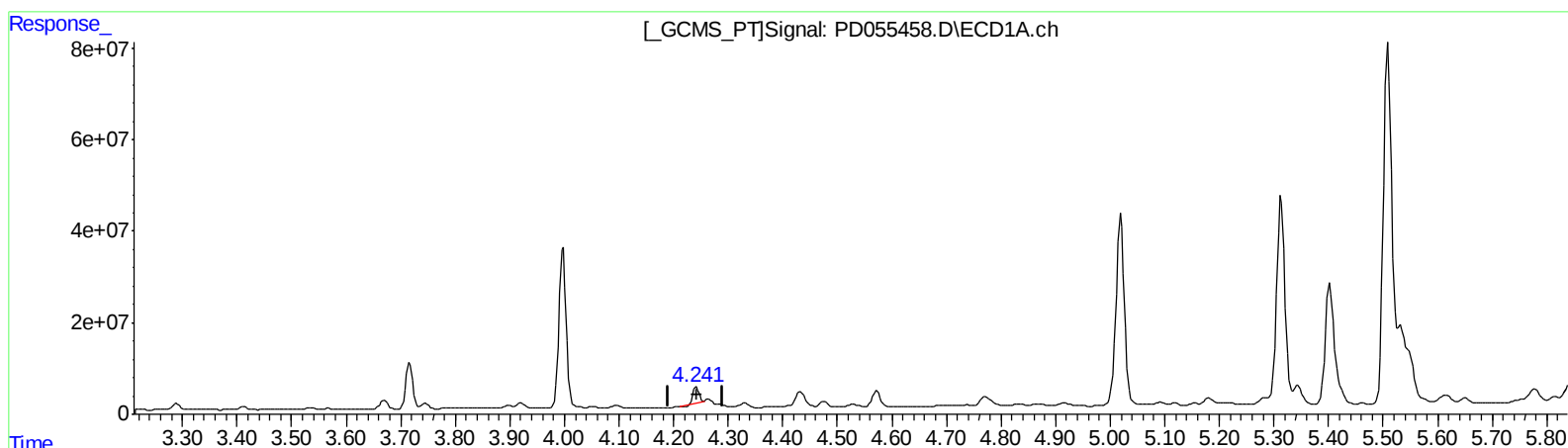
Instrument :
ECD_D
ClientSampleId :
BFBB1

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)

4.242min 50.443 ng/ml

response 26815098

(6) beta-BHC #2 (B)

4.800min 61.498 ng/ml

response 54377151

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

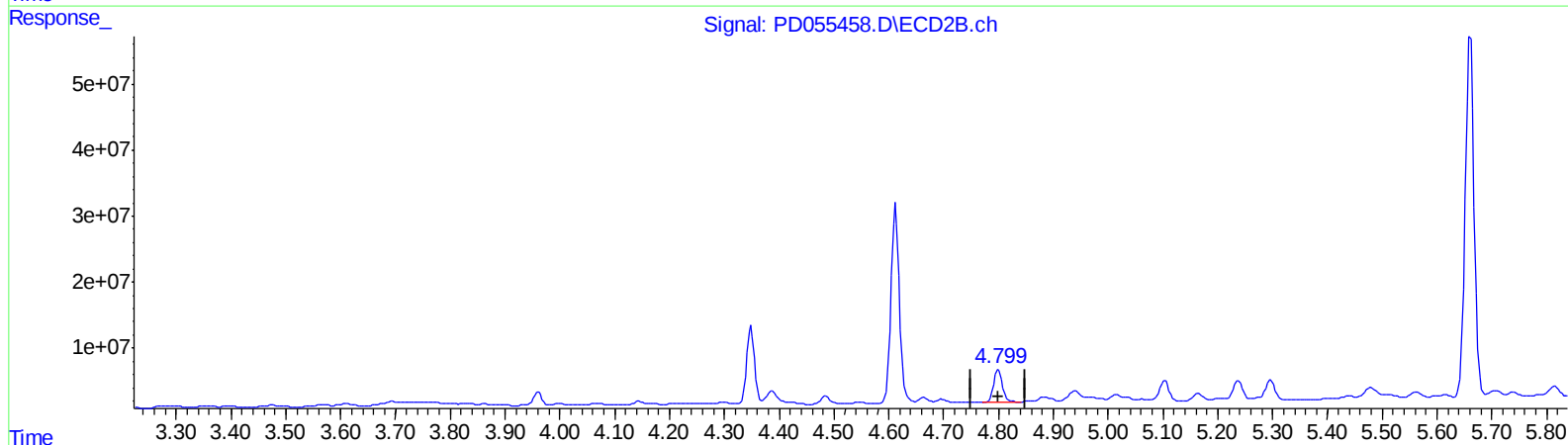
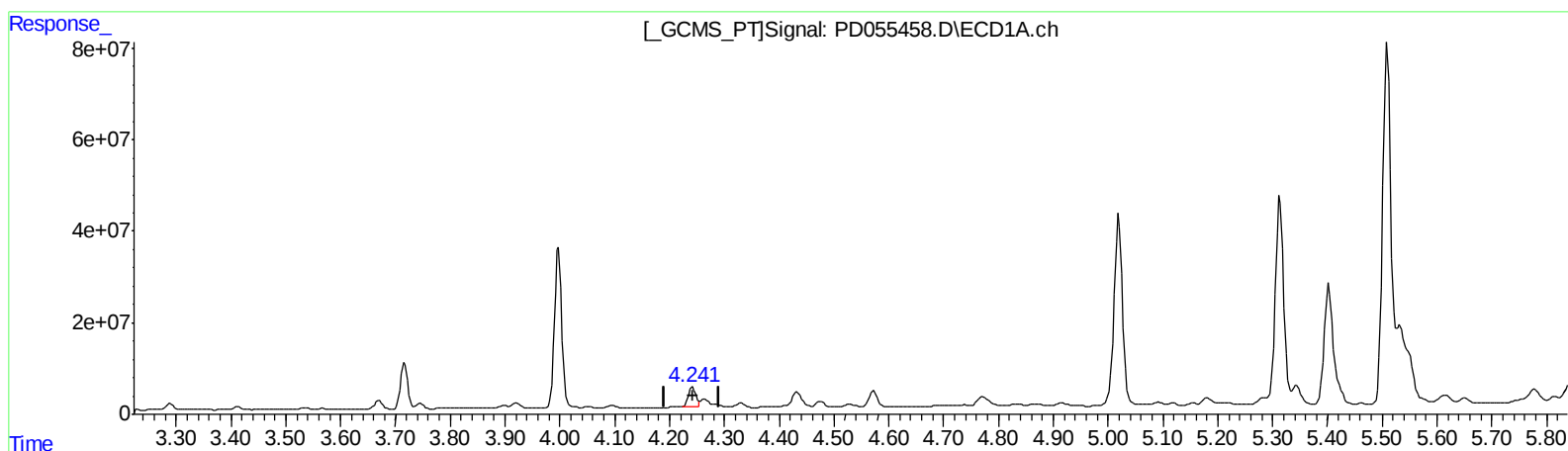
Instrument :
ECD_D
ClientSampleId :
BFBB1

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

(6) beta-BHC (B)

4.241min 72.869 ng/ml m

response 38736346

(6) beta-BHC #2 (B)

4.800min 61.498 ng/ml

response 54377151

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

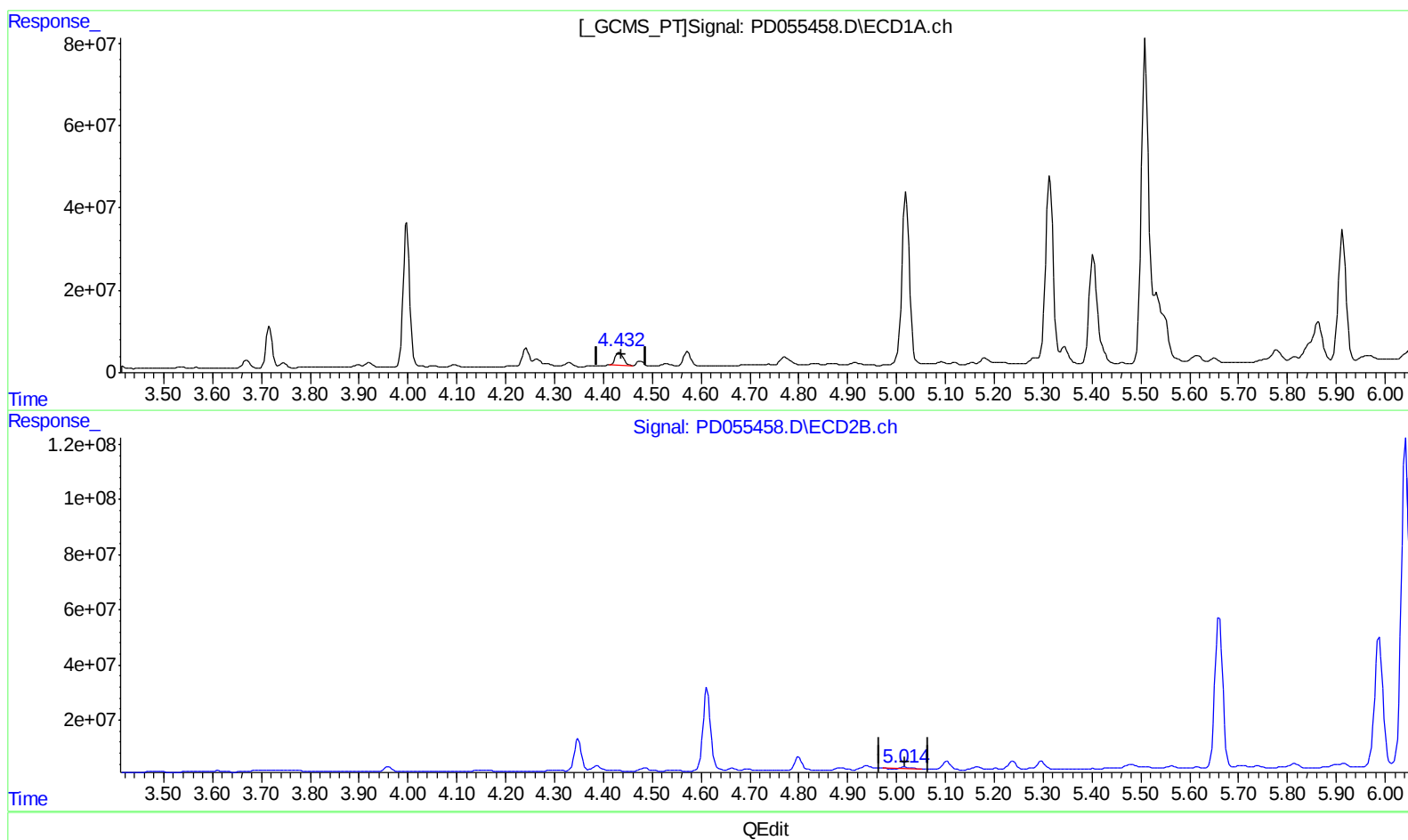
Instrument :
ECD_D
ClientSampleId :
BFBB1

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)
4.433min 30.217 ng/ml
response 37011872

(7) delta-BHC #2 (B)
5.015min 4.396 ng/ml
response 8341446

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

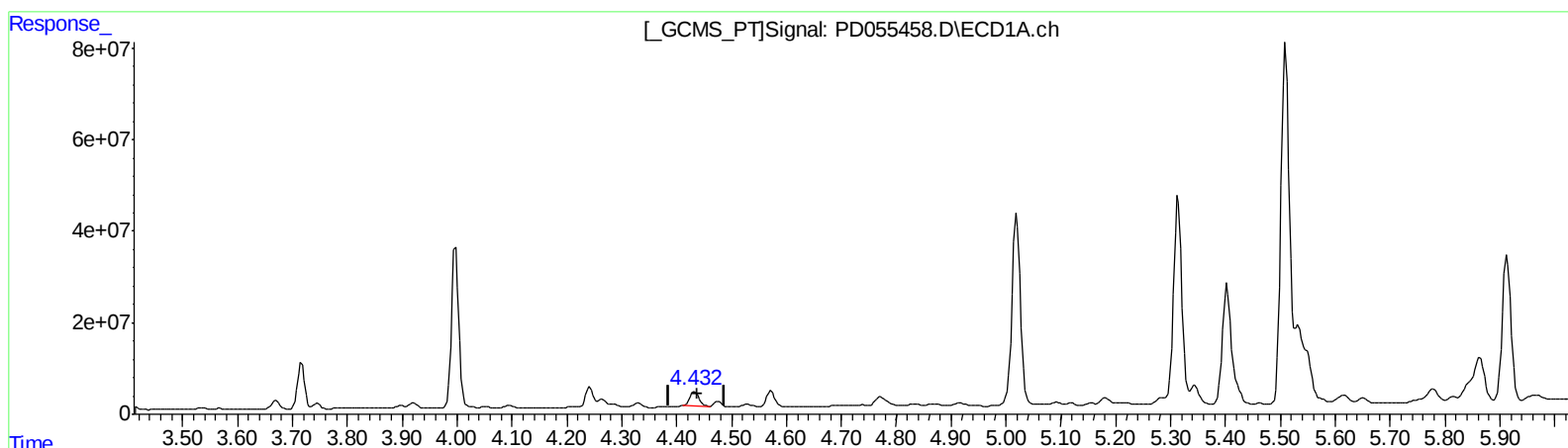
Instrument :
ECD_D
ClientSampleId :
BFBB1

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



(7) delta-BHC (B)

4.433min 30.217 ng/ml

response 37011872

(7) delta-BHC #2 (B)

5.014min 3.701 ng/ml m

response 7022589

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
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Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

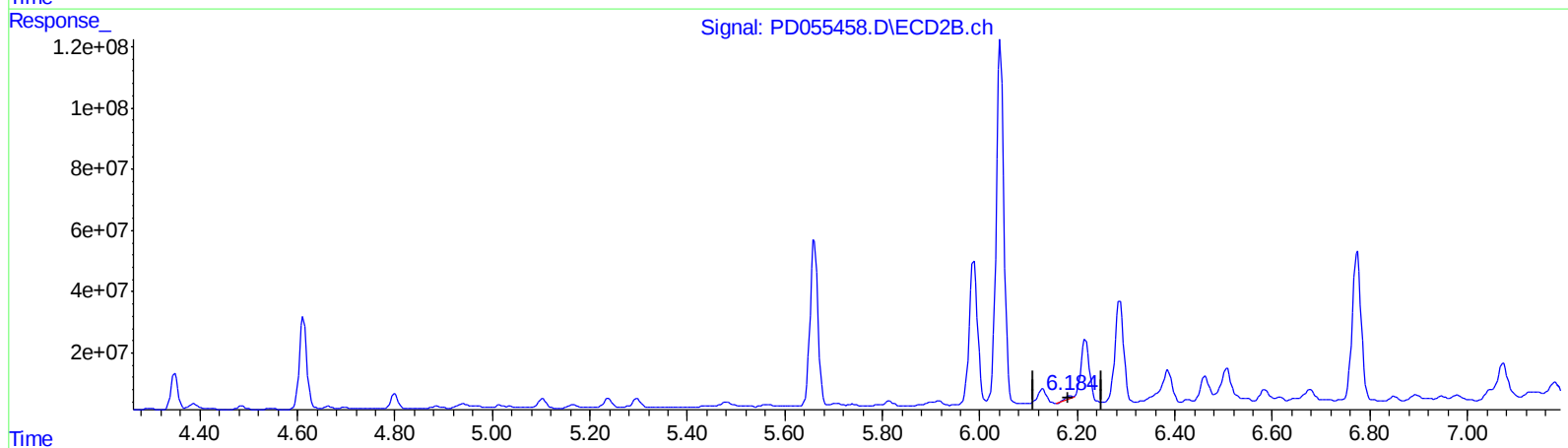
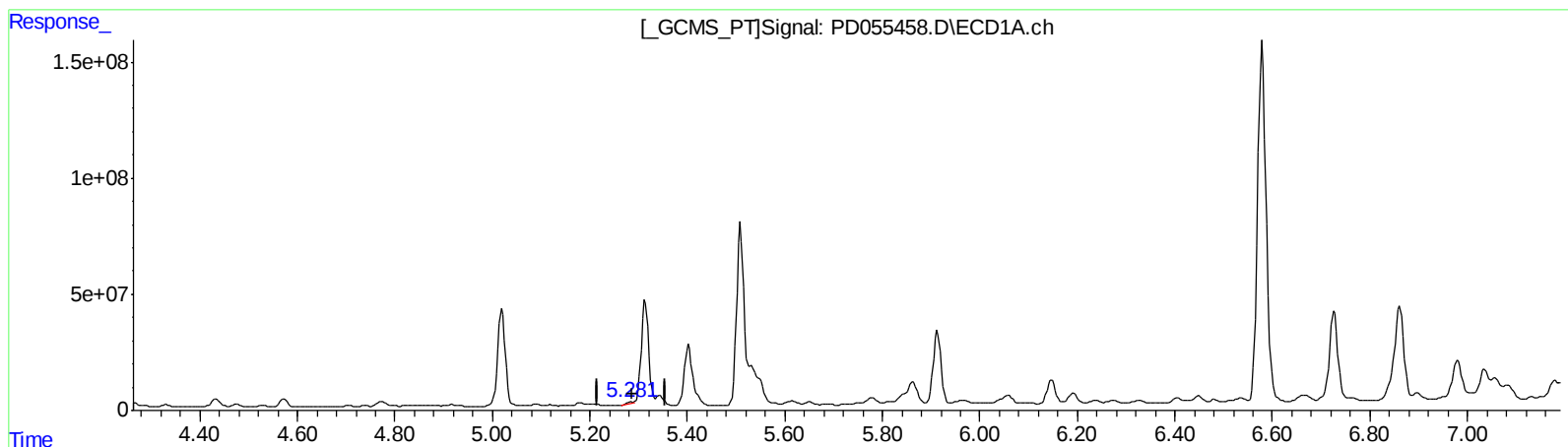
Instrument :
ECD_D
ClientSampleId :
BFBB1

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



QEdit

(9) Endosulfan I (A)
5.284min 2.837 ng/ml
response 2727152

(9) Endosulfan I #2 (A)
6.185min 2.904 ng/ml
response 4759106

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

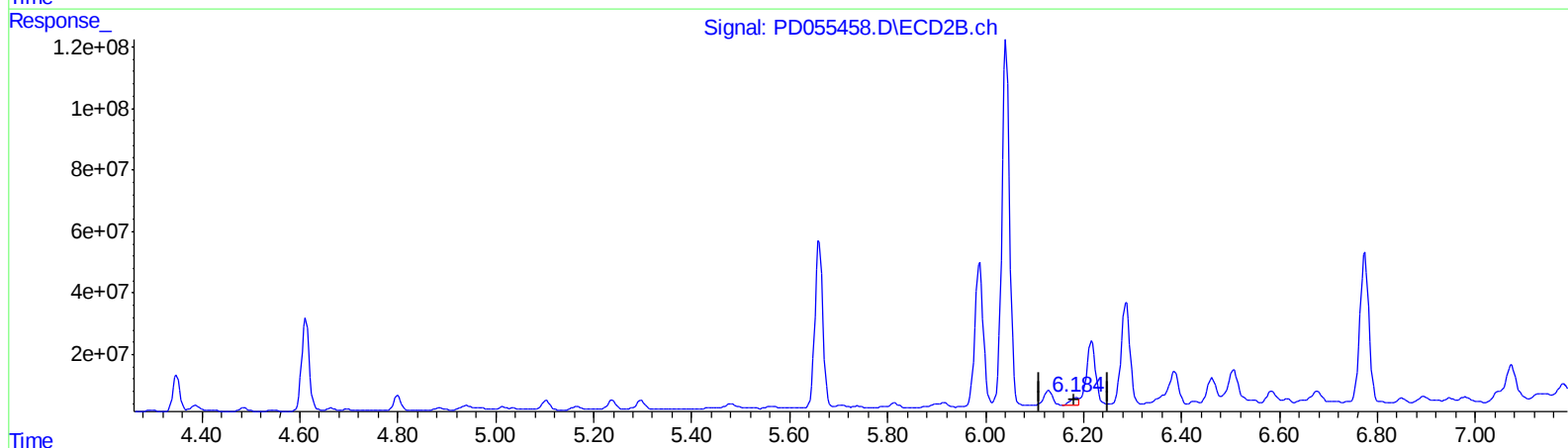
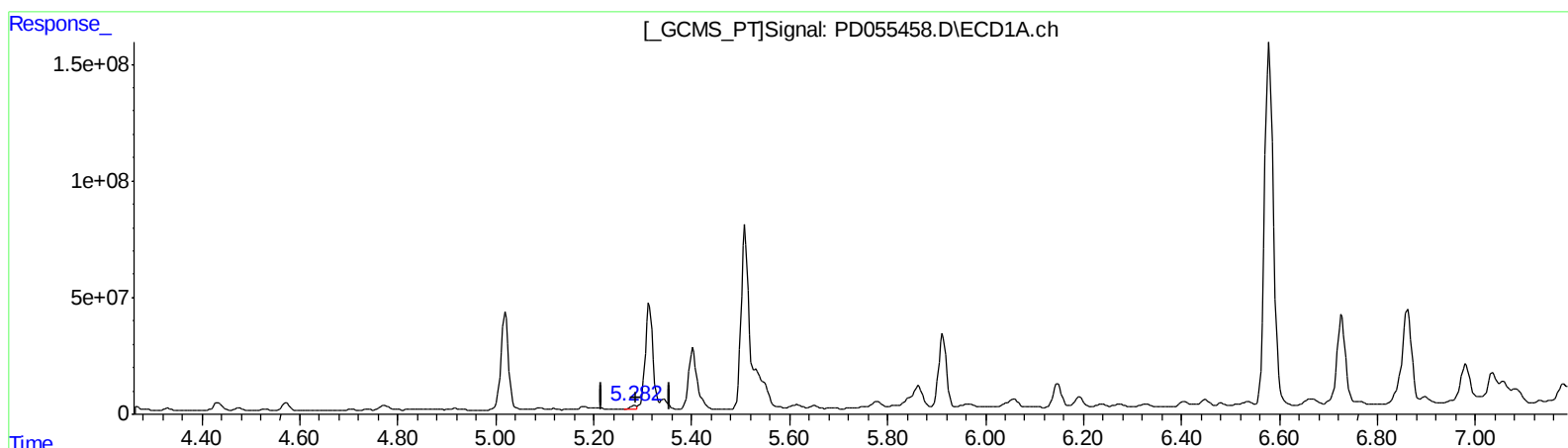
Instrument :
ECD_D
ClientSampleId :
BFBB1

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:51 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



QEdit

(9) Endosulfan I (A)
5.282min 16.376 ng/ml m
response 15739951

(9) Endosulfan I #2 (A)
6.184min 14.263 ng/ml m
response 23377197

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
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Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

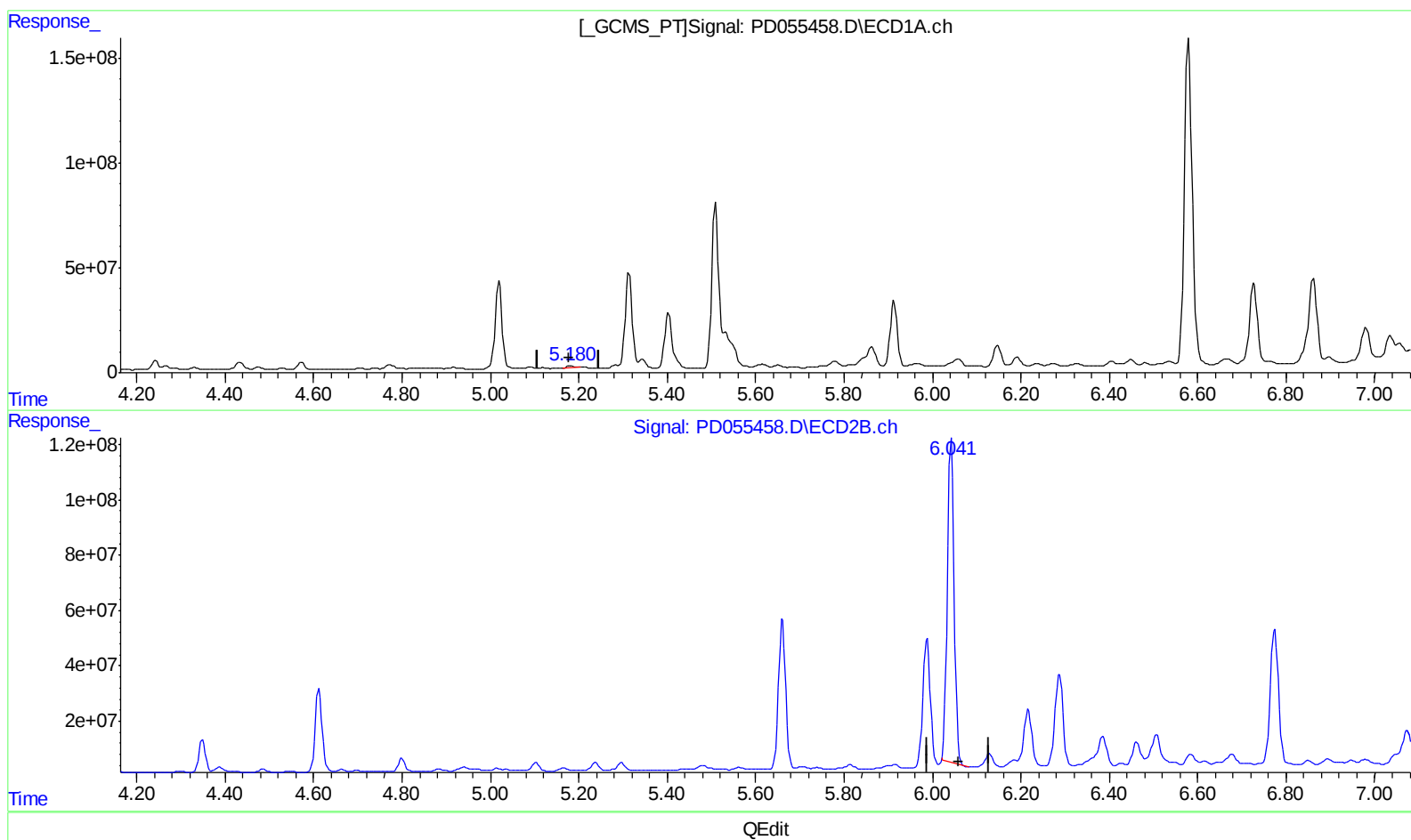
Instrument :
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Manual Integrations
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(10) trans-Chlordane (B)

5.181min 10.424 ng/ml

response 10777779

(10) trans-Chlordane #2 (B)

6.042min 710.128 ng/ml

response 1250715469

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

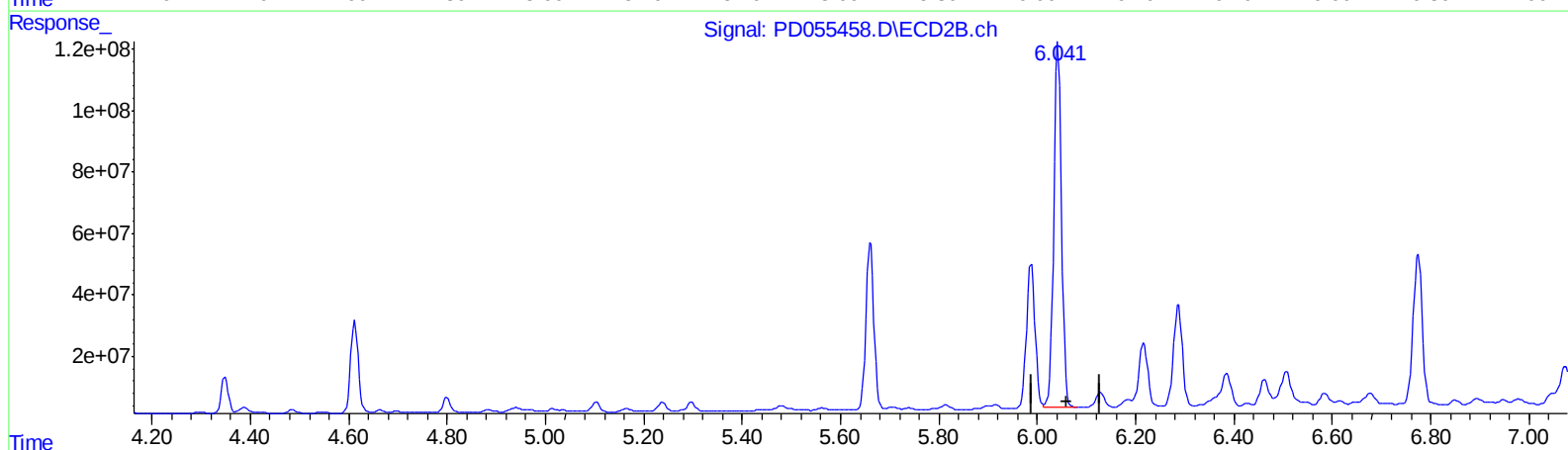
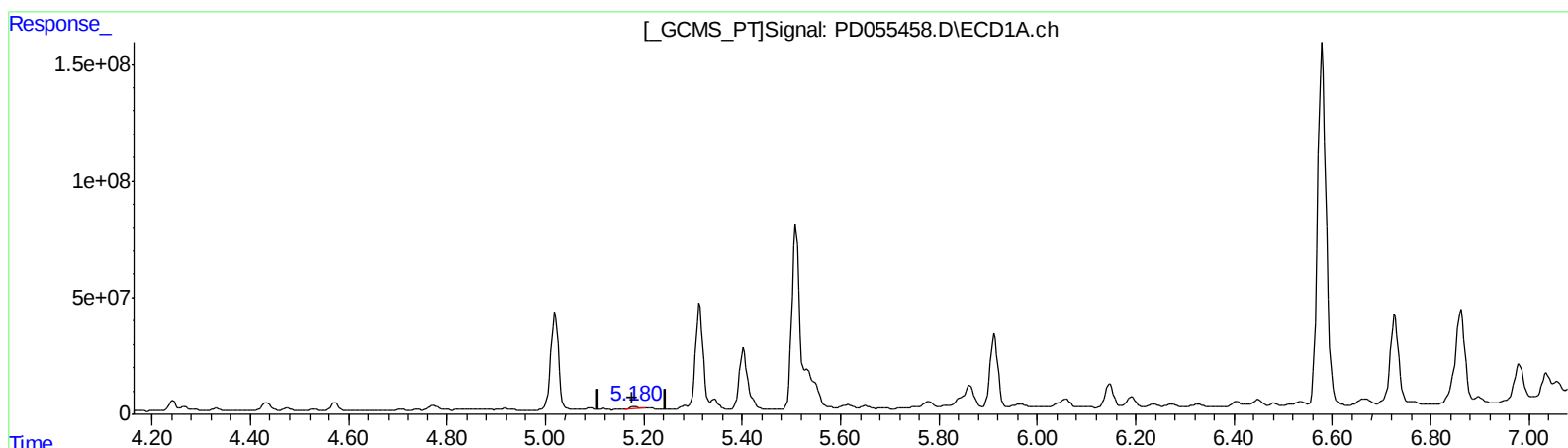
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Manual Integrations
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QEdit

(10) trans-Chlordane (B)

5.181min 10.424 ng/ml

response 10777779

(10) trans-Chlordane #2 (B)

6.041min 738.848 ng/ml m

response 1301298624

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

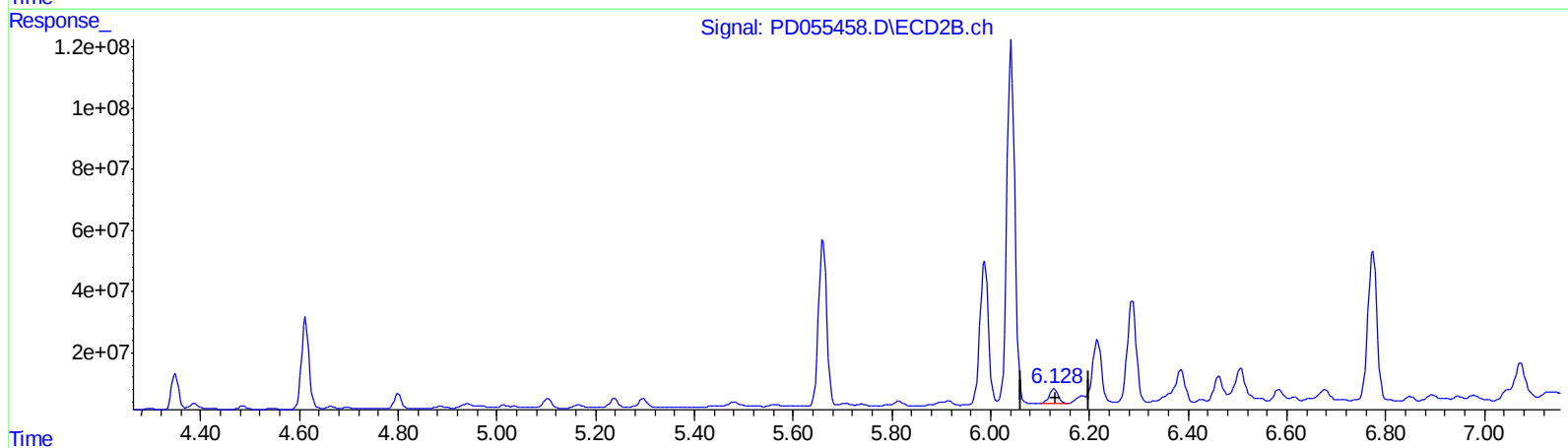
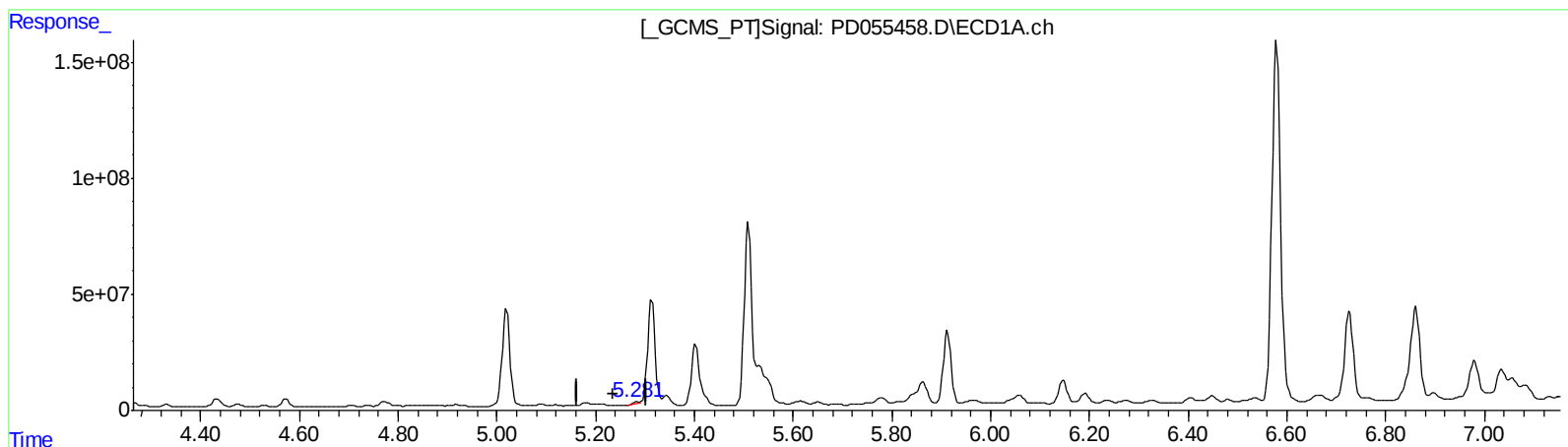
Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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



QEdit

(11) cis-Chlordane (B)

5.284min 2.715 ng/ml

response 2727152

(11) cis-Chlordane #2 (B)

6.129min 32.670 ng/ml

response 56167136

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

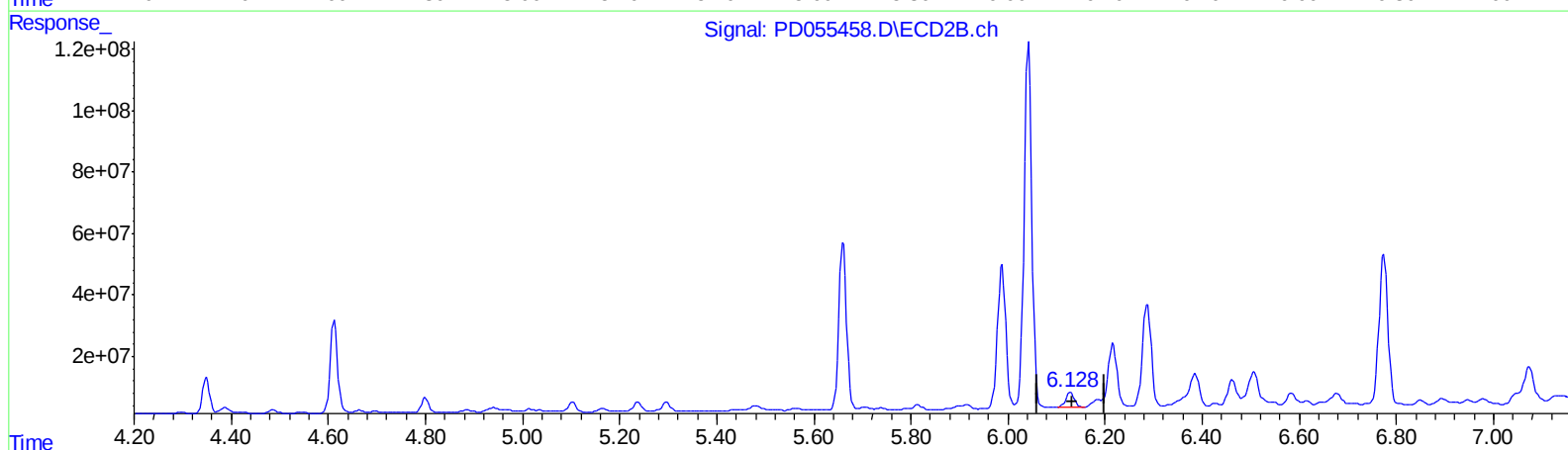
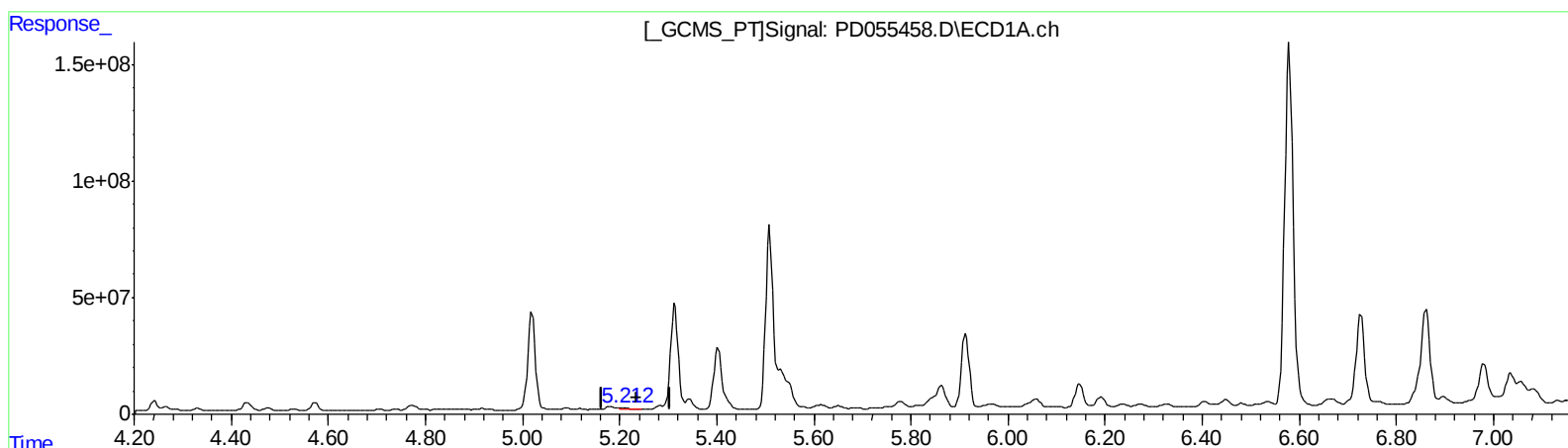
Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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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



QEdit

(11) cis-Chlordane (B)

5.212min 7.463 ng/ml m

response 7497805

(11) cis-Chlordane #2 (B)

6.129min 32.670 ng/ml

response 56167136

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

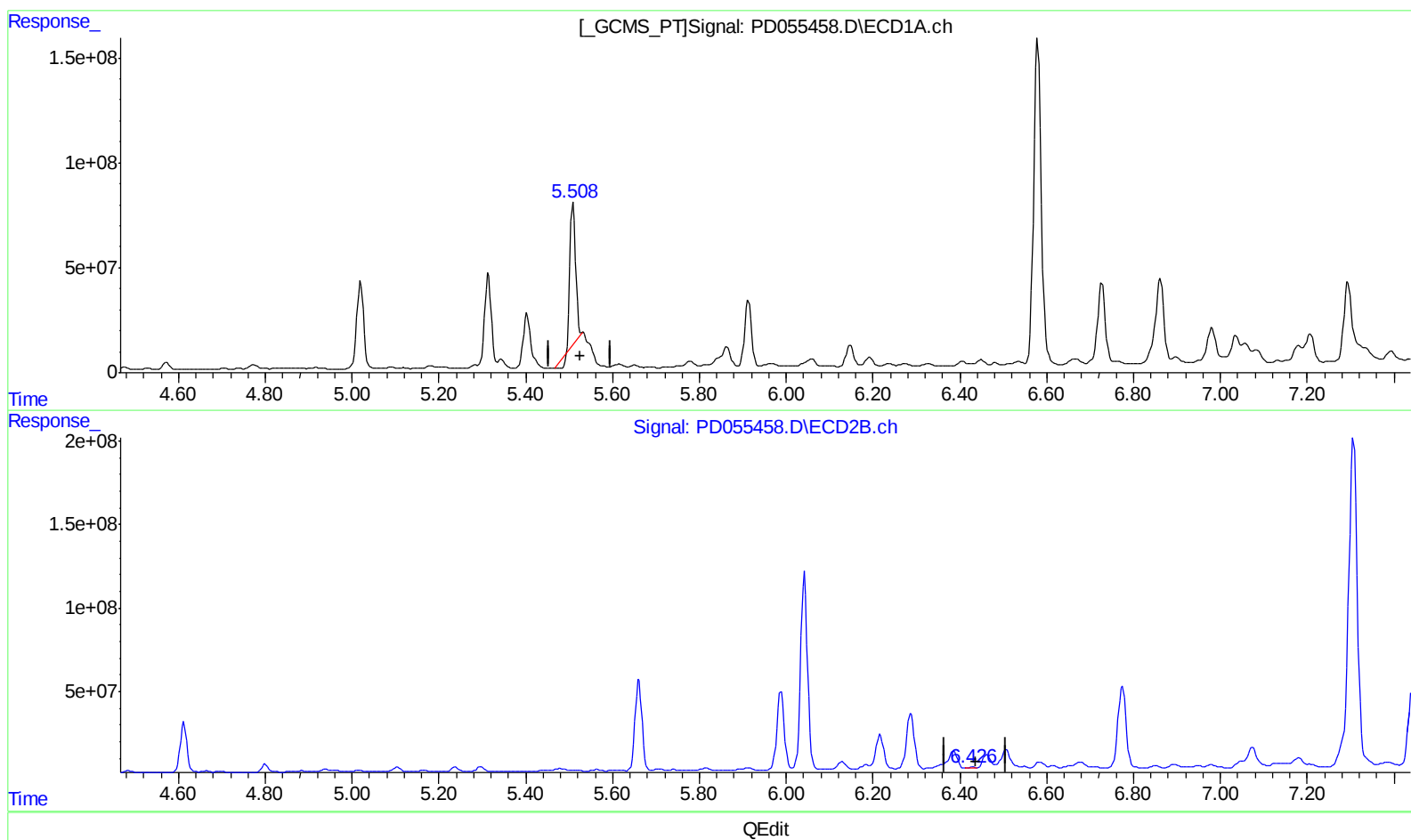
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(13) Dieldrin (MA)
5.509min 499.842 ng/ml
response 553945512

(13) Dieldrin #2 (MA)
6.428min 3.957 ng/ml
response 7162337

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

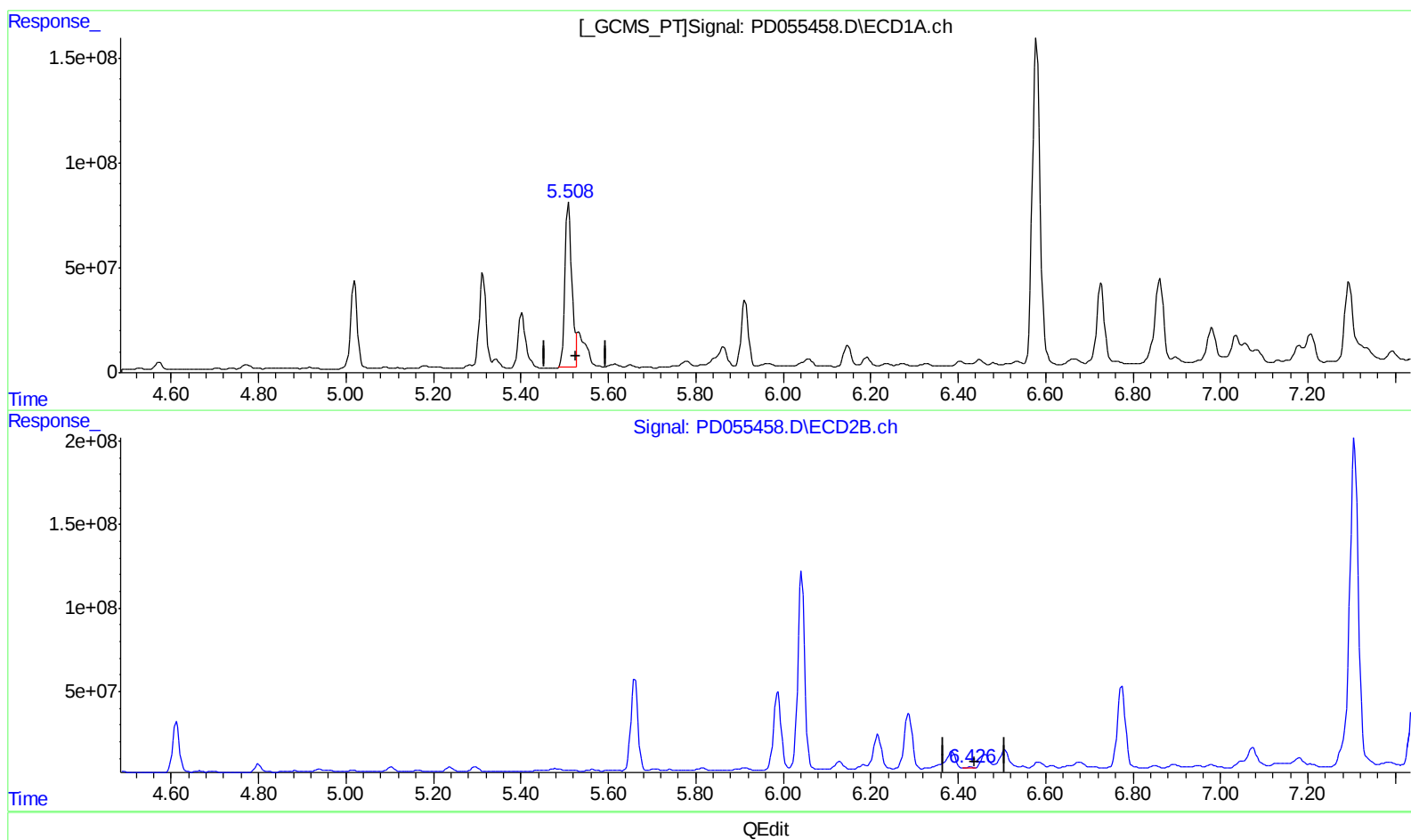
Instrument :
ECD_D
ClientSampleId :
BFBB1

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:51 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 00:52:52 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



(13) Dieldrin (MA)
5.508min 749.514 ng/ml m
response 830641514

(13) Dieldrin #2 (MA)
6.426min 4.146 ng/ml m
response 7503975

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 10:09
Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

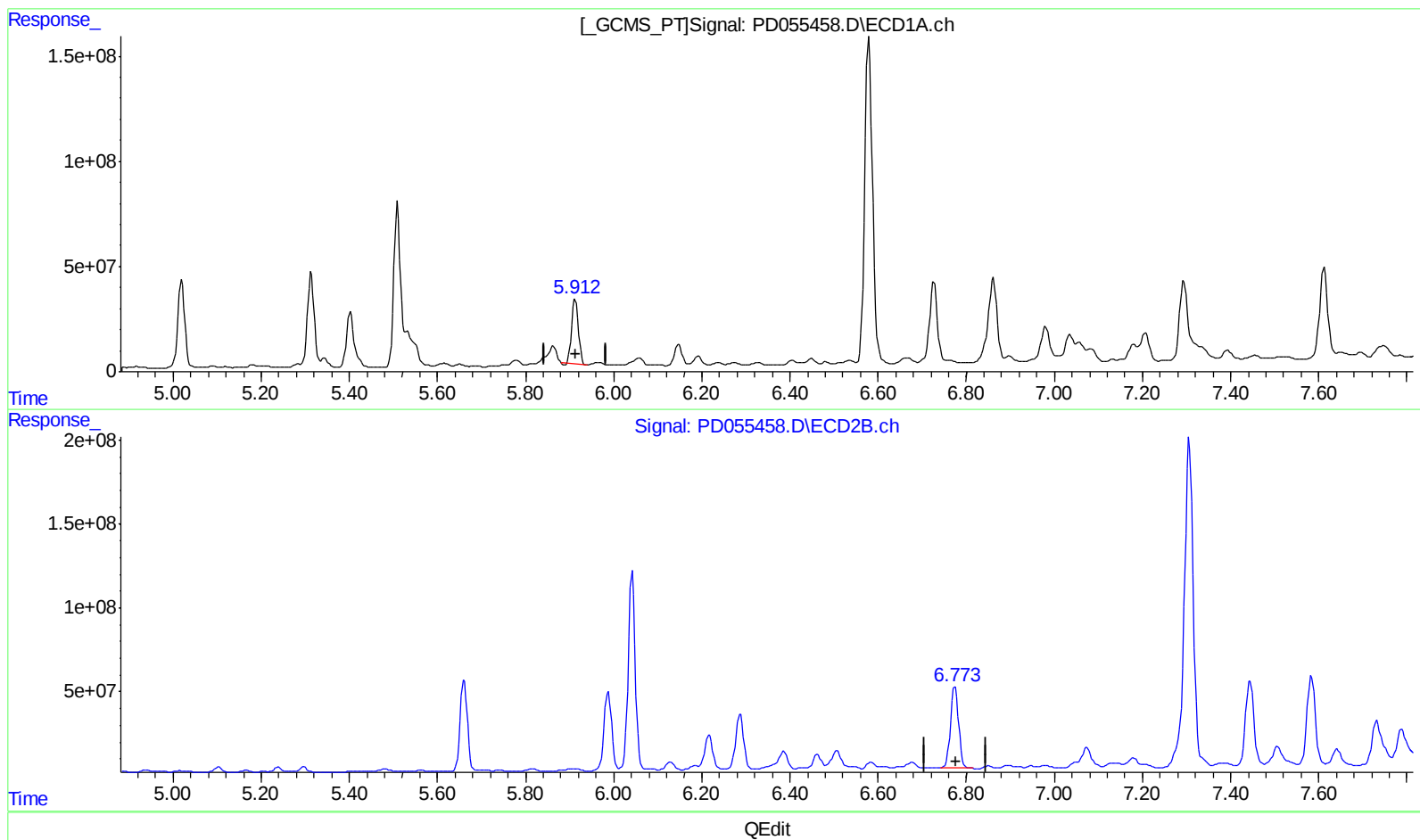
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ECD_D
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(16) 4,4'-DDD (A)
5.913min 406.362 ng/ml
response 329344321

(16) 4,4'-DDD #2 (A)
6.775min 436.535 ng/ml
response 624514366

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Misc :
ALS Vial : 55 Sample Multiplier: 1

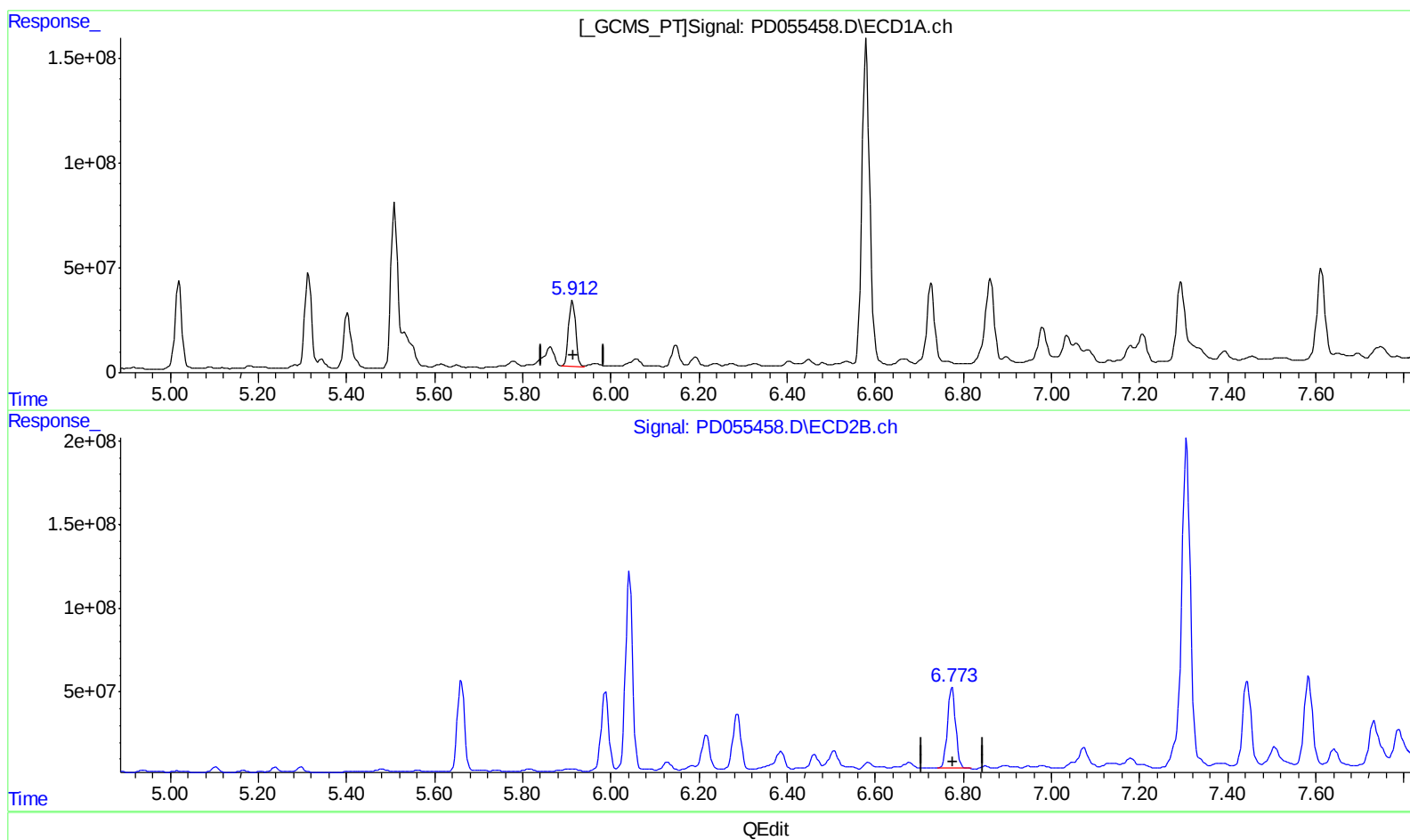
Instrument :
ECD_D
ClientSampleId :
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(16) 4,4'-DDD (A)
5.912min 435.021 ng/ml m
response 352571648

(16) 4,4'-DDD #2 (A)
6.775min 436.535 ng/ml
response 624514366

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Misc :
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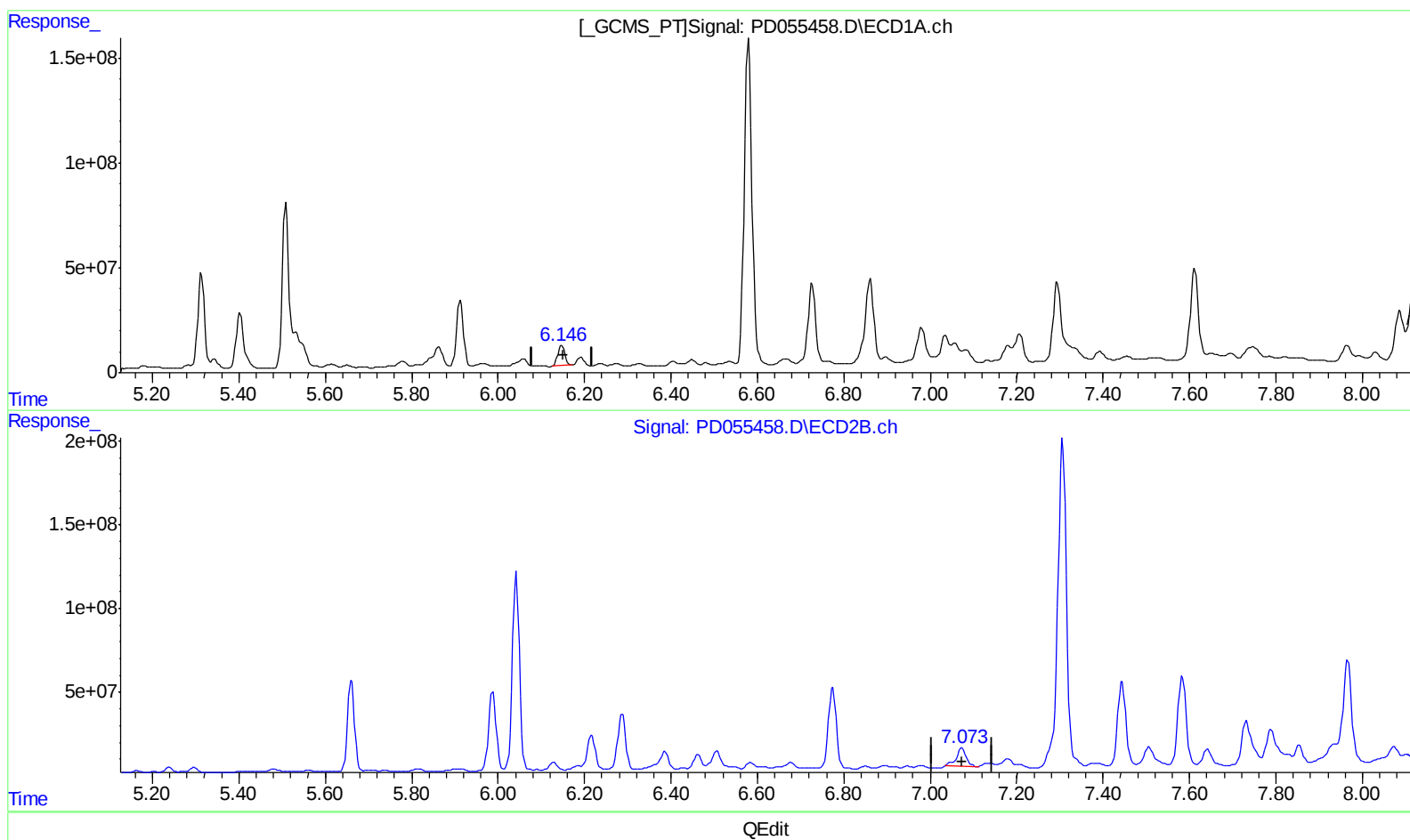
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

6.148min 163.035 ng/ml

response 110536443

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

7.074min 125.603 ng/ml

response 170245126

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

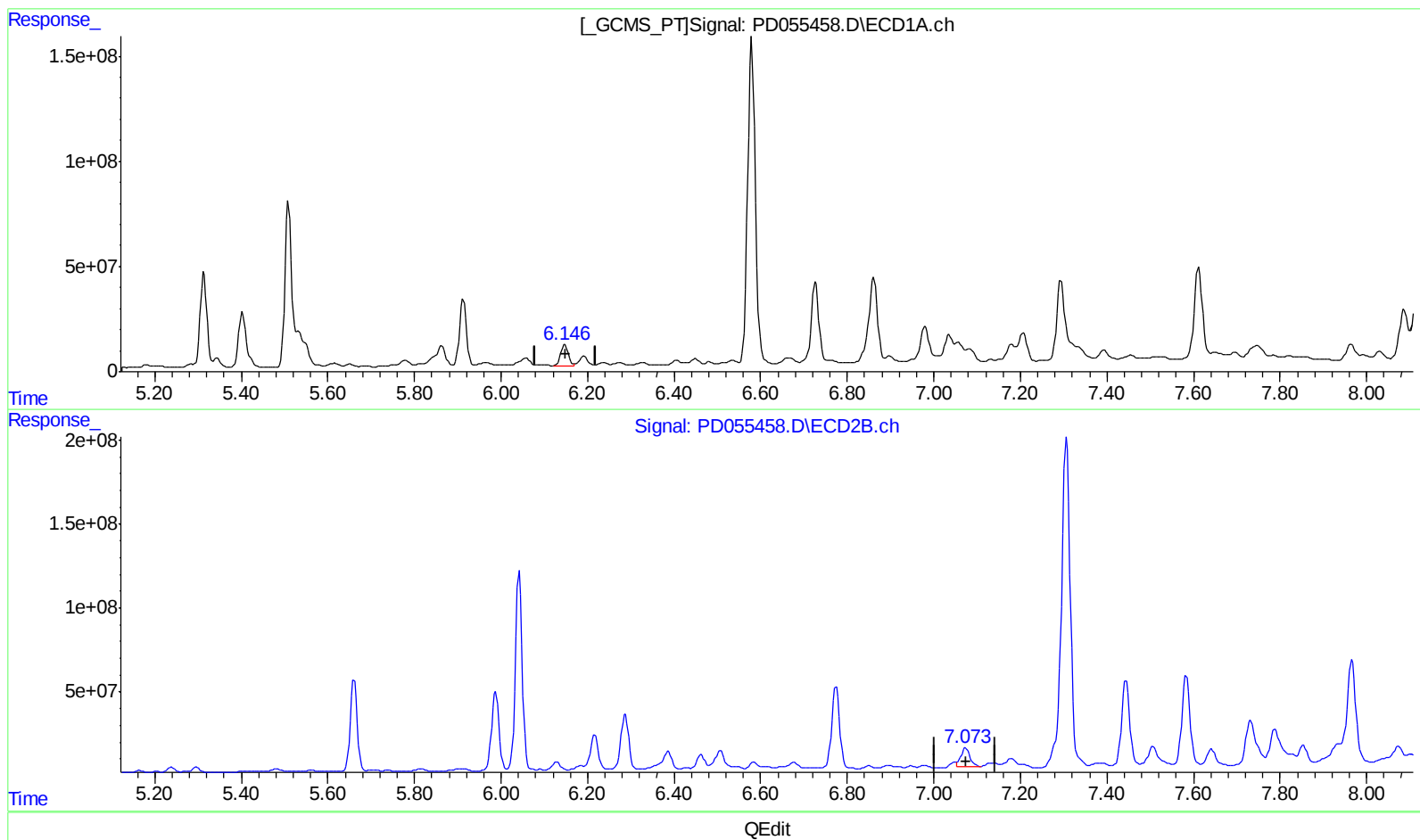
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

6.146min 183.999 ng/ml m

response 124749535

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

7.073min 122.206 ng/ml m

response 165640565

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Operator : SG\AJ
Sample : K5262-21
Misc :
ALS Vial : 55 Sample Multiplier: 1

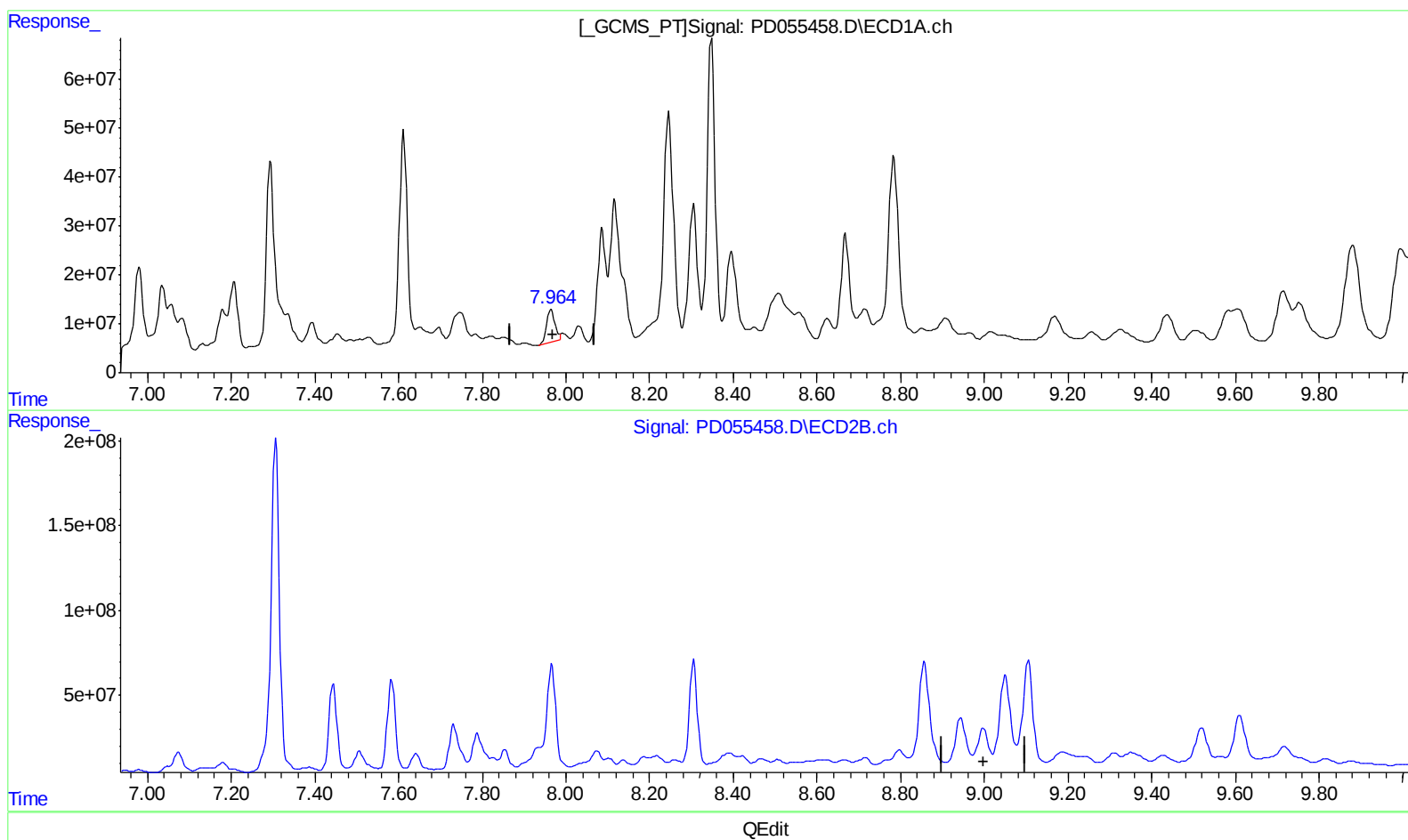
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(27) Decachlorobiphenyl (SA)

7.965min 98.668 ng/ml

response 90347375

(27) Decachlorobiphenyl #2 (SA)

8.998min -49.546 ng/ml

response -64647947

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Operator : SG\AJ
Sample : K5262-21
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ALS Vial : 55 Sample Multiplier: 1

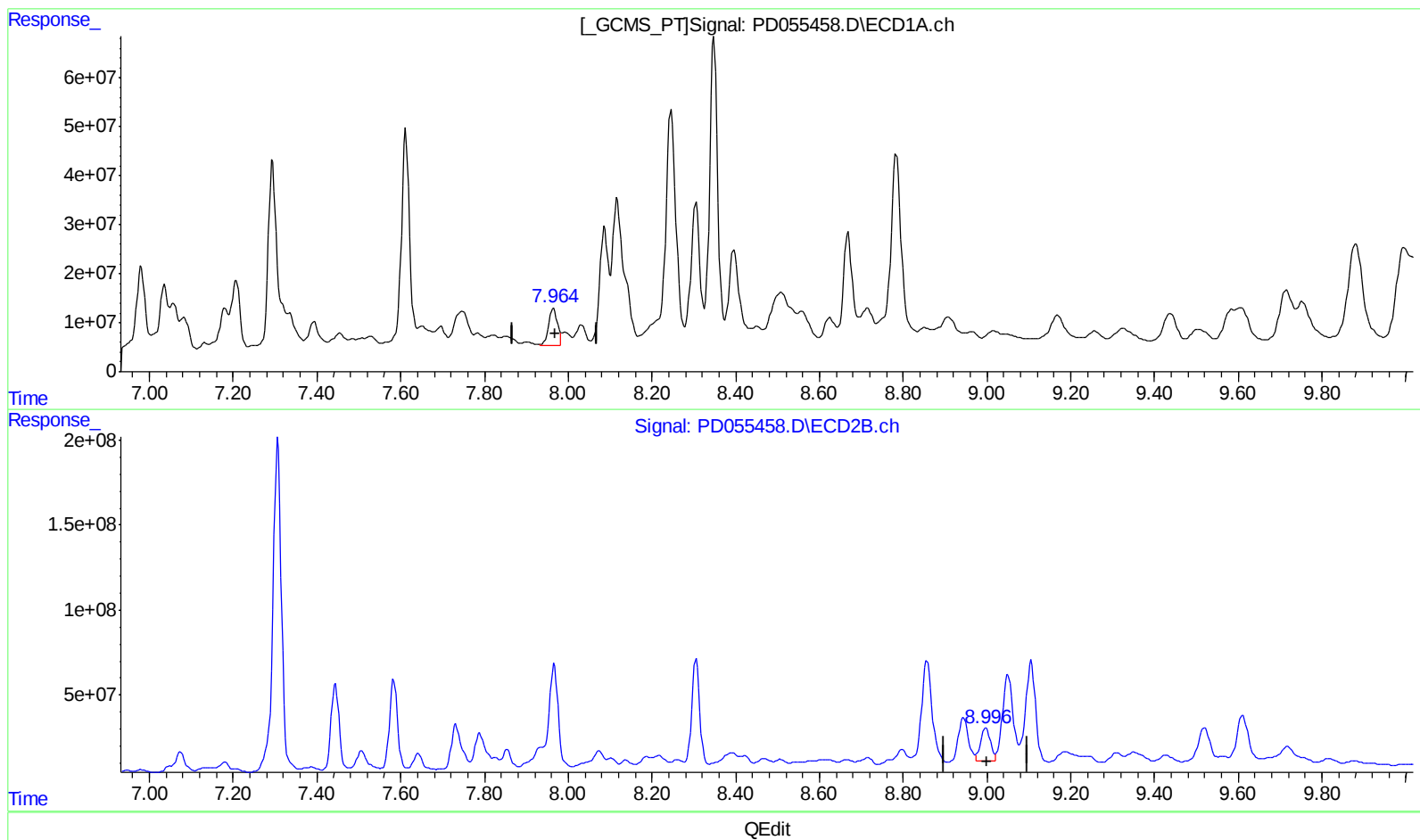
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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Integrator: ChemStation

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



(27) Decachlorobiphenyl (SA)

7.964min 123.907 ng/ml m

response 113458479

(27) Decachlorobiphenyl #2 (SA)

8.996min 240.130 ng/ml m

response 313320652

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
 Data File : PD055458.D
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 Acq On : 19 Oct 2019 10:09
 Operator : SG\AJ
 Sample : K5262-21
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
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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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.290	3.961	12396630	20681374	13.904	15.361
27) SA Decachlor...	7.964	8.996	113.5E6	313.3E6	123.907m	240.130m#
Target Compounds						
2) A alpha-BHC	3.717	4.349	88641287	119.2E6	70.583	61.261
3) MA gamma-BHC...	3.998	4.611	330.1E6	324.2E6	278.571	175.829m#
5) MB Aldrin	4.527	5.440	7071882	5024944	6.648m	2.890m#
6) B beta-BHC	4.241	4.800	38736346	54377151	72.869m	61.498
7) B delta-BHC	4.433	5.014	37011872	7022589	30.217	3.701m#
9) A Endosulfan I	5.282	6.184	15739951	23377197	16.376m	14.263m
10) B trans-Chl...	5.181	6.041	10777779	1301.3E6	10.424	738.848m#
11) B cis-Chlor...	5.212	6.129	7497805	56167136	7.463m	32.670 #
12) B 4,4'-DDE	5.403	6.287	317.8E6	415.2E6	311.803	246.224
13) MA Dieldrin	5.508	6.426	830.6E6	7503975	749.514m	4.146m#
14) MA Endrin	5.778	6.678	30279997	59831129	33.806	42.835 #
15) B Endosulfa...	6.058	6.851	50253423	13465103	52.494	8.661 #
16) A 4,4'-DDD	5.912	6.775	352.6E6	624.5E6	435.021m	436.535
17) MA 4,4'-DDT	6.146	7.073	124.7E6	165.6E6	183.999m	122.206m#

AJ
 10/24/19

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