

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111119\
Data File : PD055863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2019 10:31
Operator : SG\AJ
Sample : K5694-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

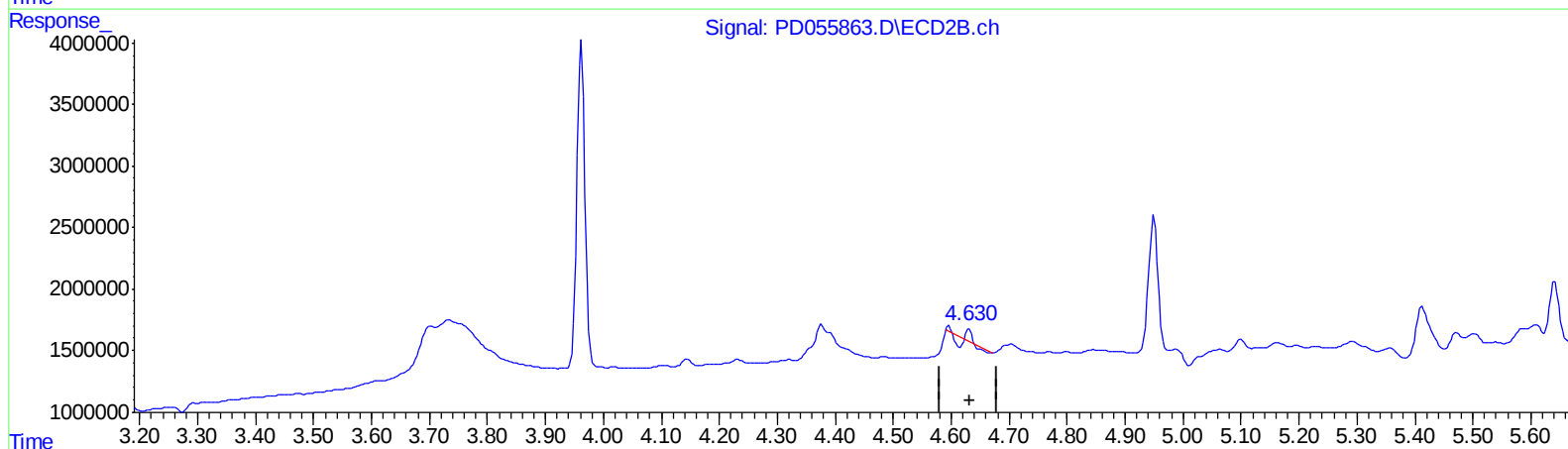
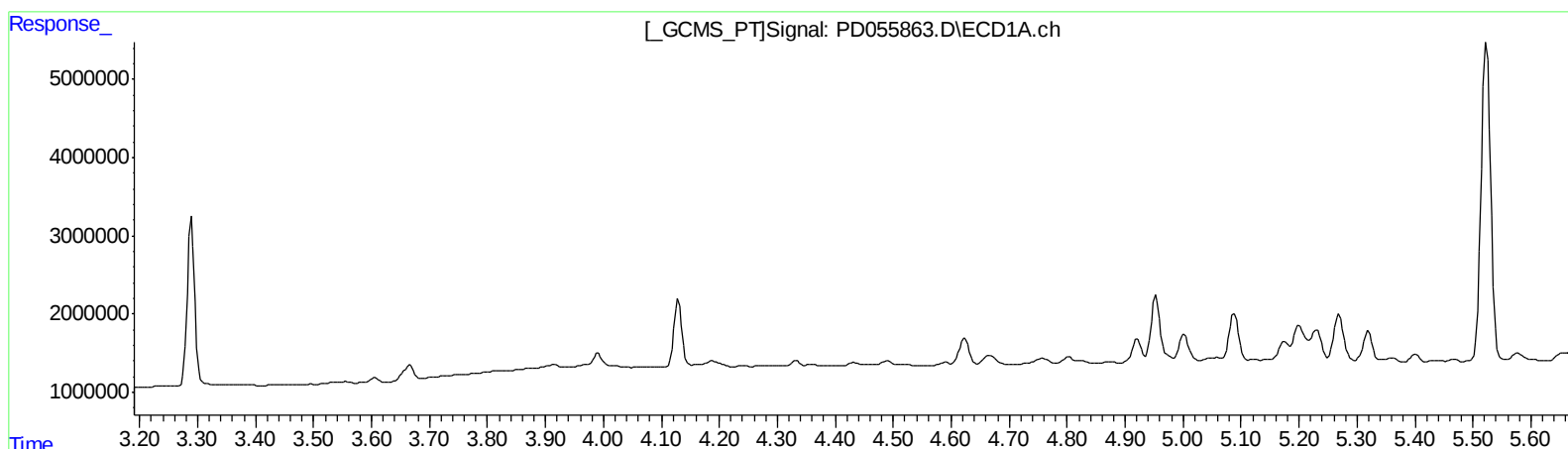
Instrument :
ECD_D
ClientSampleId :
C5AF9

Manual Integrations
APPROVED

Ankita
11/12/2019 11:49:02 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:33:03 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 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)

0.000min 0.000 ng/ml

response 0

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

4.631min 0.004 ng/ml

response 6057

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Acq On : 11 Nov 2019 10:31
Operator : SG\AJ
Sample : K5694-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

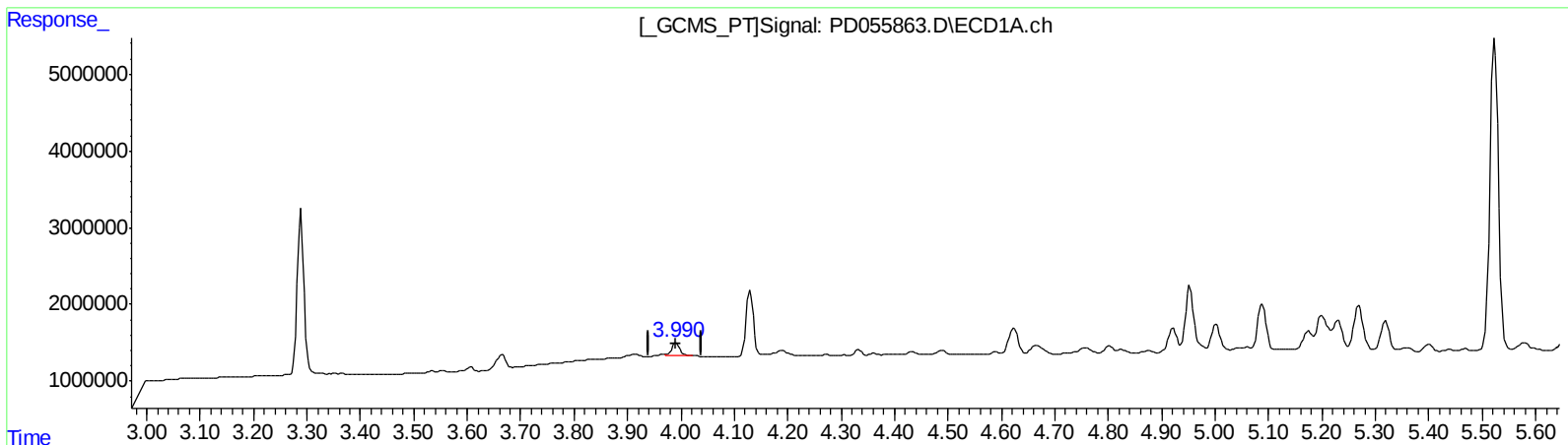
Instrument :
ECD_D
ClientSampleId :
C5AF9

Manual Integrations
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11/12/2019 11:49:02 AM

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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



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

3.990min 1.733 ng/ml m

response 1772622

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

4.630min 1.710 ng/ml m

response 2409619

(+) = Expected Retention Time

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Operator : SG\AJ
Sample : K5694-12
Misc :
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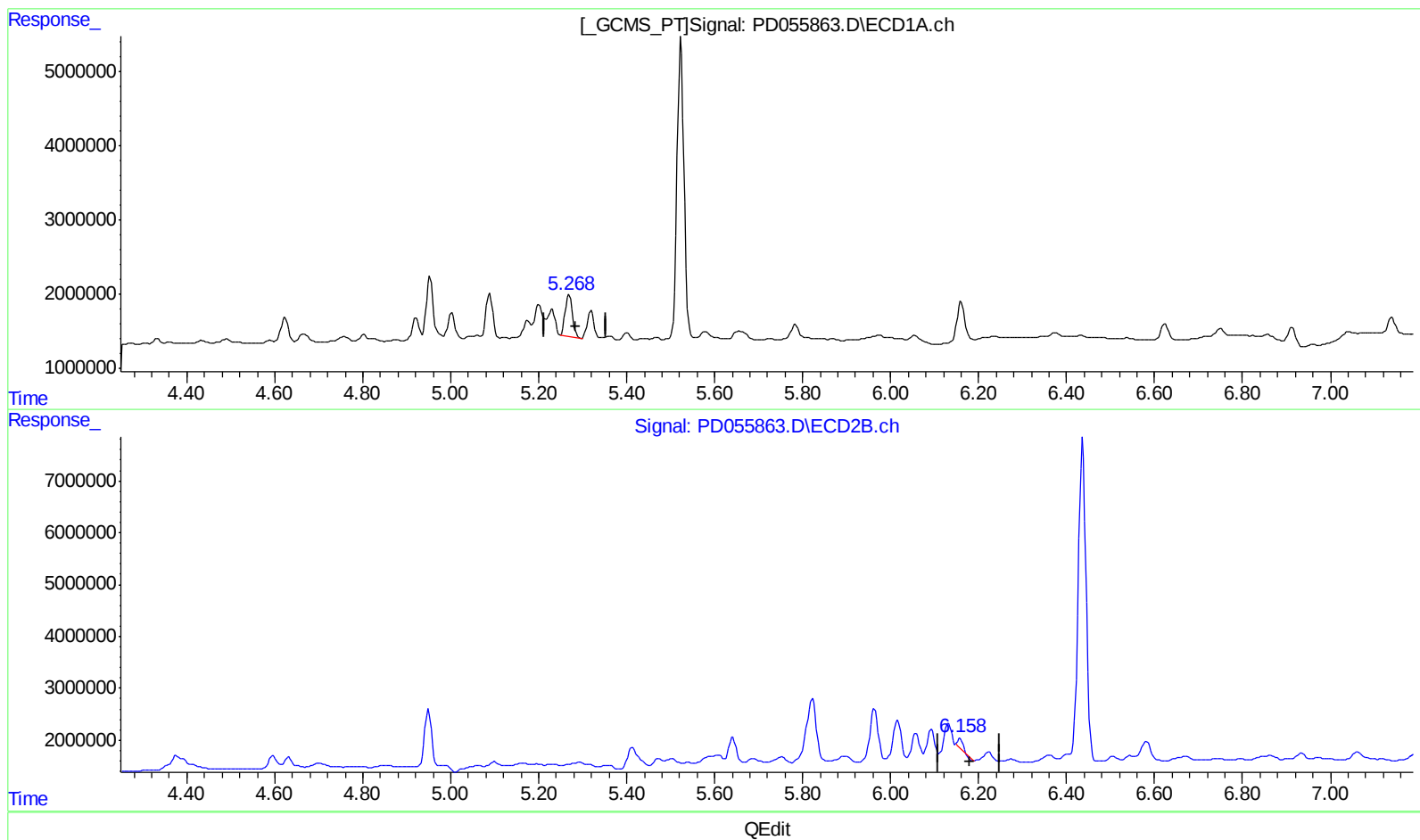
Instrument :
ECD_D
ClientSampleId :
C5AF9

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



(9) Endosulfan I (A)
5.269min 7.564 ng/ml
response 6338663

(9) Endosulfan I #2 (A)
6.159min 1.099 ng/ml
response 1431100

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111119\
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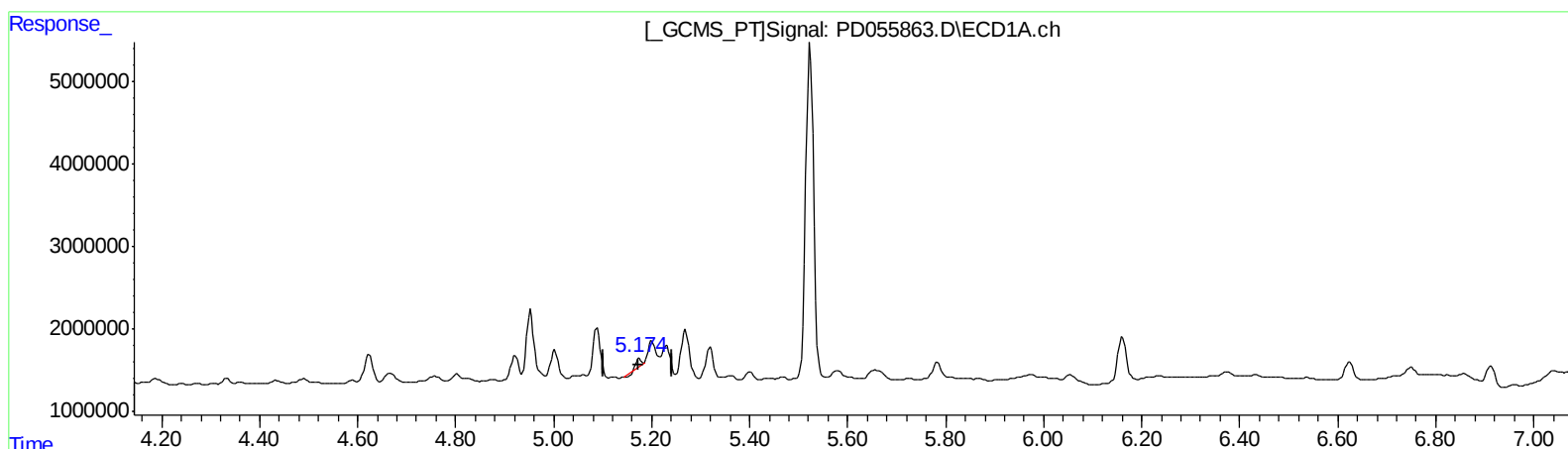
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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Ankita
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)

5.175min 0.575 ng/ml

response 521802

(10) trans-Chlordane #2 (B)

6.058min -0.651 ng/ml

response -929322

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Operator : SG\AJ
Sample : K5694-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

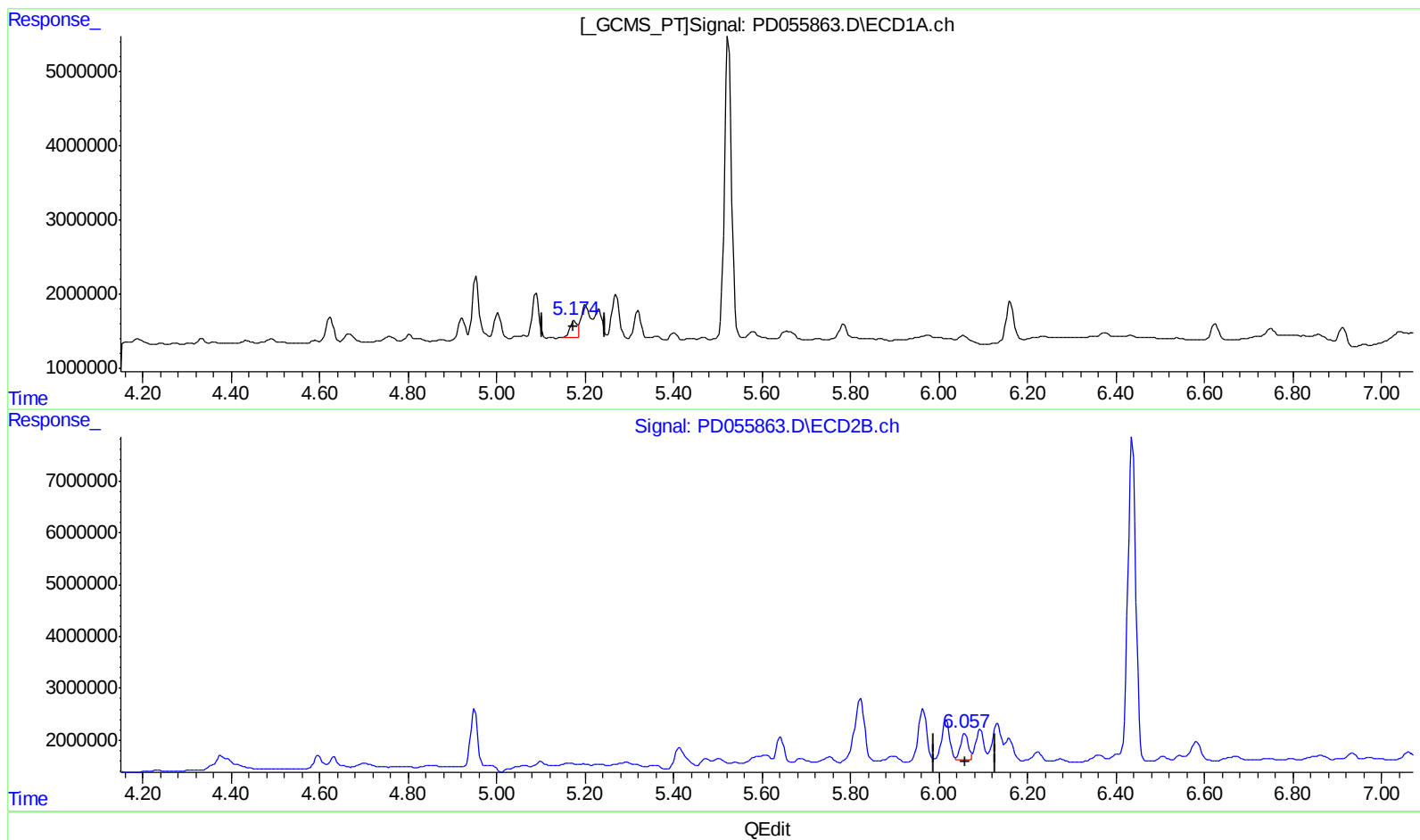
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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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



(10) trans-Chlordane (B)

5.174min 2.732 ng/ml m

response 2477132

(10) trans-Chlordane #2 (B)

6.057min 4.408 ng/ml m

response 6288264

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Operator : SG\AJ
Sample : K5694-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

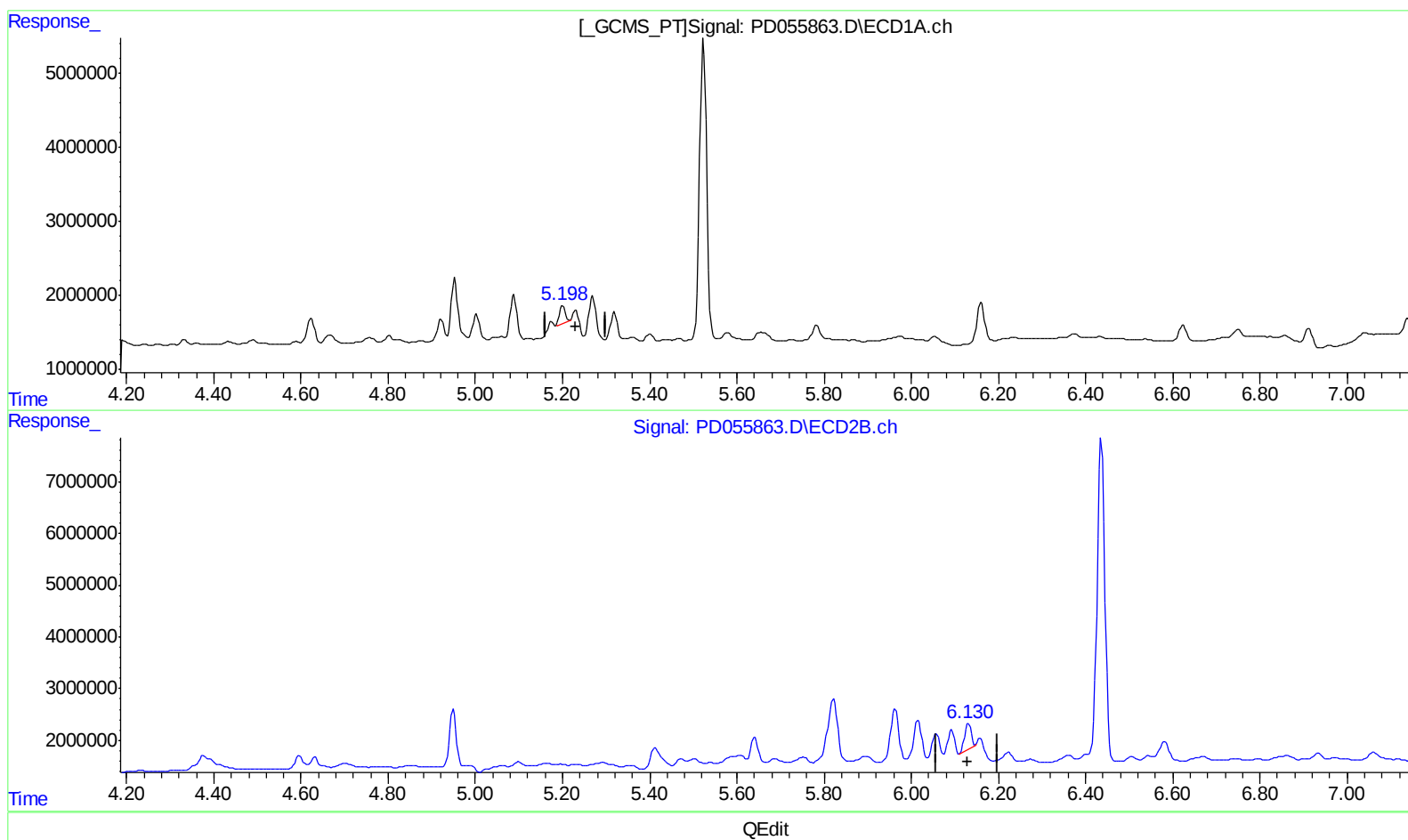
Instrument :
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Manual Integrations
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Integrator: ChemStation

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



(11) cis-Chlordane (B)

5.200min 2.527 ng/ml

response 2237936

(11) cis-Chlordane #2 (B)

6.132min 3.596 ng/ml

response 5047416

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111119\
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Acq On : 11 Nov 2019 10:31
Operator : SG\AJ
Sample : K5694-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

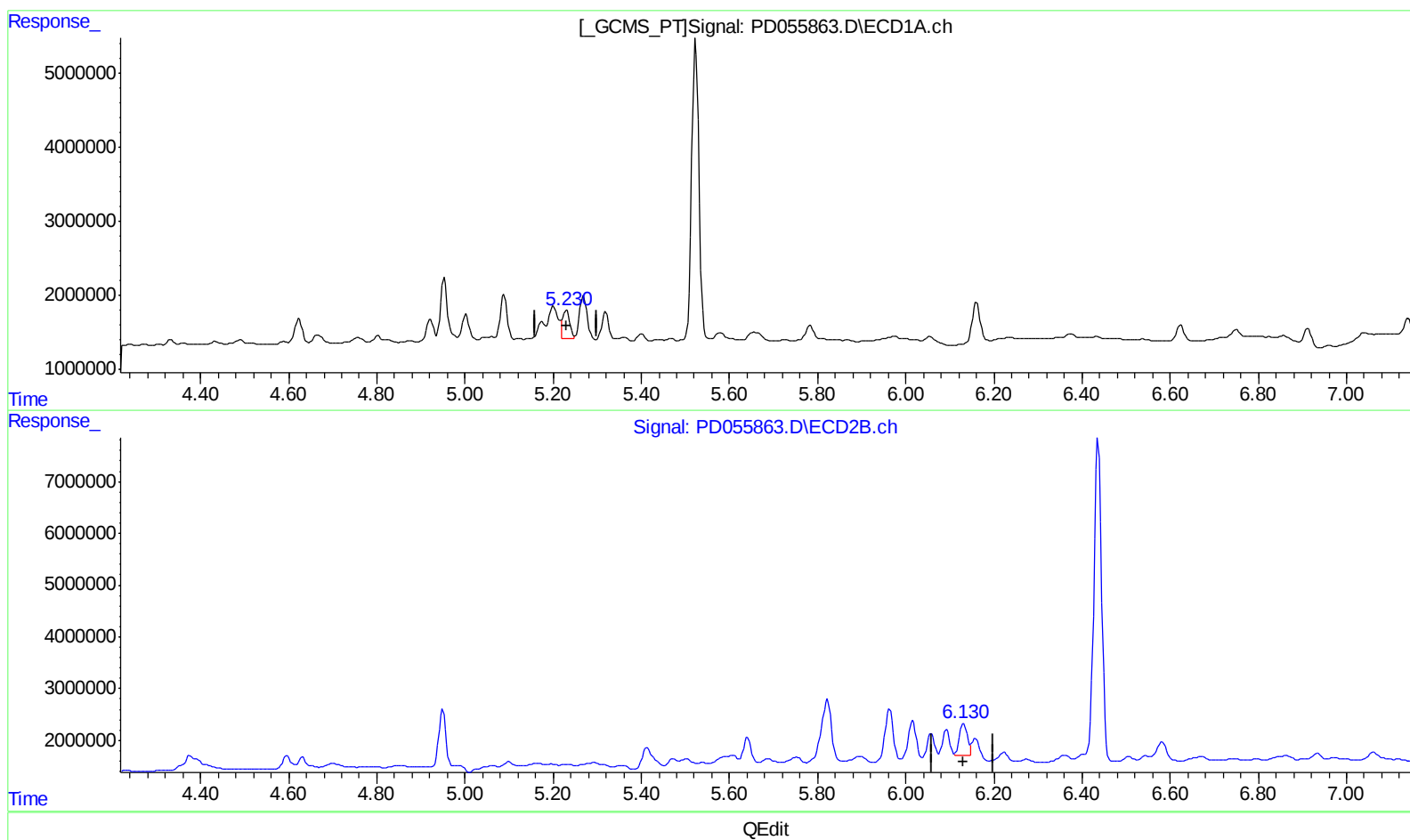
Instrument :
ECD_D
ClientSampleId :
C5AF9

Manual Integrations
APPROVED

Ankita
11/12/2019 11:49:02 AM

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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



(11) cis-Chlordane (B)

5.230min 4.932 ng/ml m

response 4367424

(11) cis-Chlordane #2 (B)

6.130min 5.529 ng/ml m

response 7759728

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Sample : K5694-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

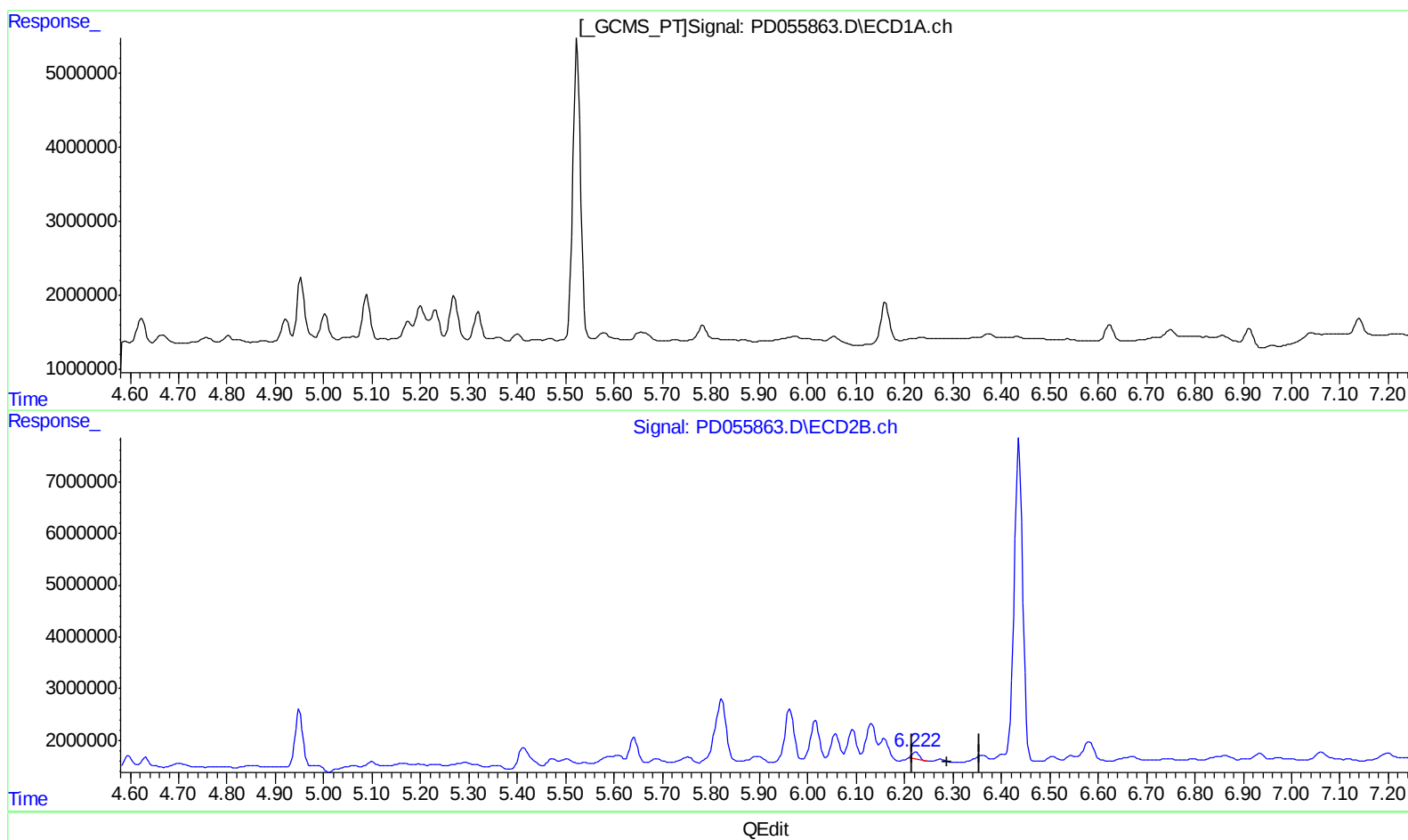
Instrument :
ECD_D
ClientSampleId :
C5AF9

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



(12) 4,4'-DDE (B)
0.000min 0.000 ng/ml
response 0

(12) 4,4'-DDE #2 (B)
6.224min 1.002 ng/ml
response 1350603

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111119\
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Operator : SG\AJ
Sample : K5694-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

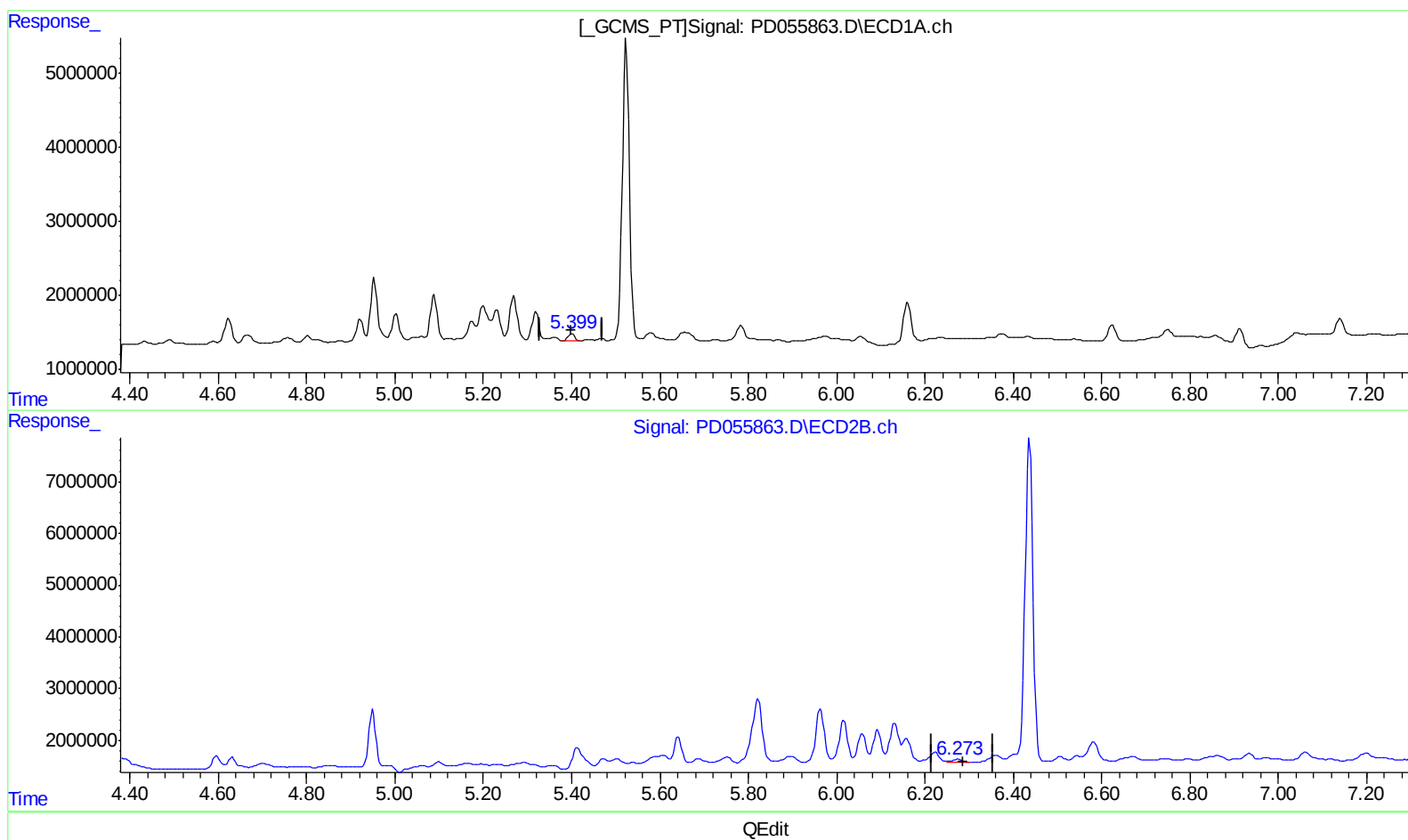
Instrument :
ECD_D
ClientSampleId :
C5AF9

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



(12) 4,4'-DDE (B)
5.399min 1.282 ng/ml m
response 1114393

(12) 4,4'-DDE #2 (B)
6.273min 0.595 ng/ml m
response 801942

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111119\
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Operator : SG\AJ
Sample : K5694-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

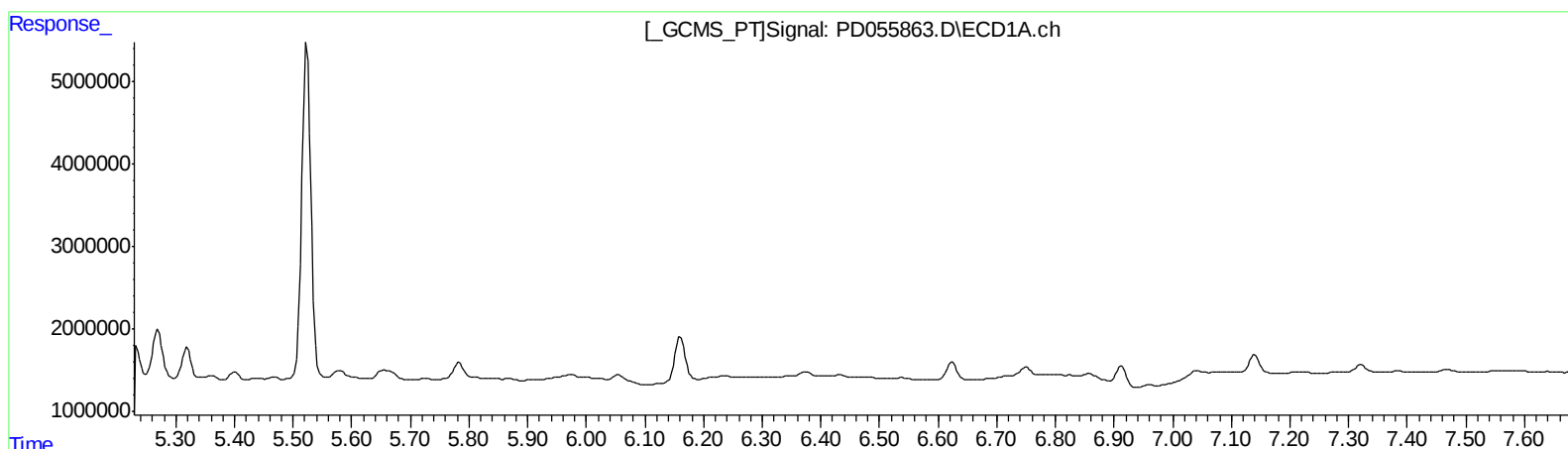
Instrument :
ECD_D
ClientSampleId :
C5AF9

Manual Integrations
APPROVED

Ankita
11/12/2019 11:49:02 AM

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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)
0.000min 0.000 ng/ml
response 0

(15) Endosulfan II #2 (B)
0.000min 0.000 ng/ml
response 0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111119\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : SG\AJ
Sample : K5694-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

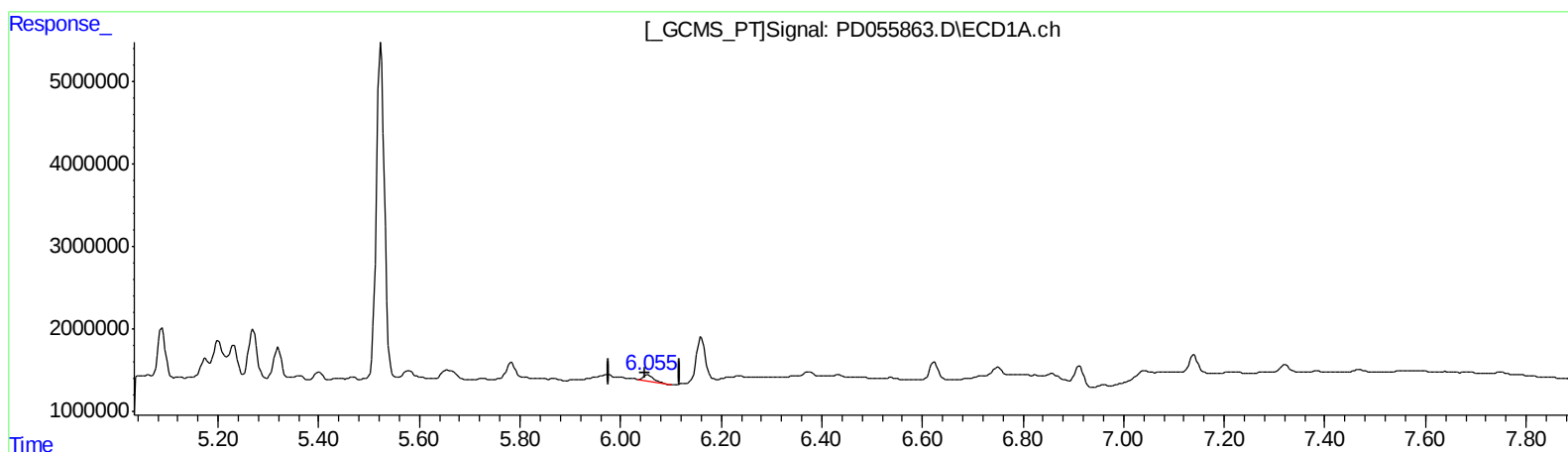
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(15) Endosulfan II (B)
6.055min 1.376 ng/ml m
response 1159753

(15) Endosulfan II #2 (B)
6.862min 2.021 ng/ml m
response 2616907

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111119\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

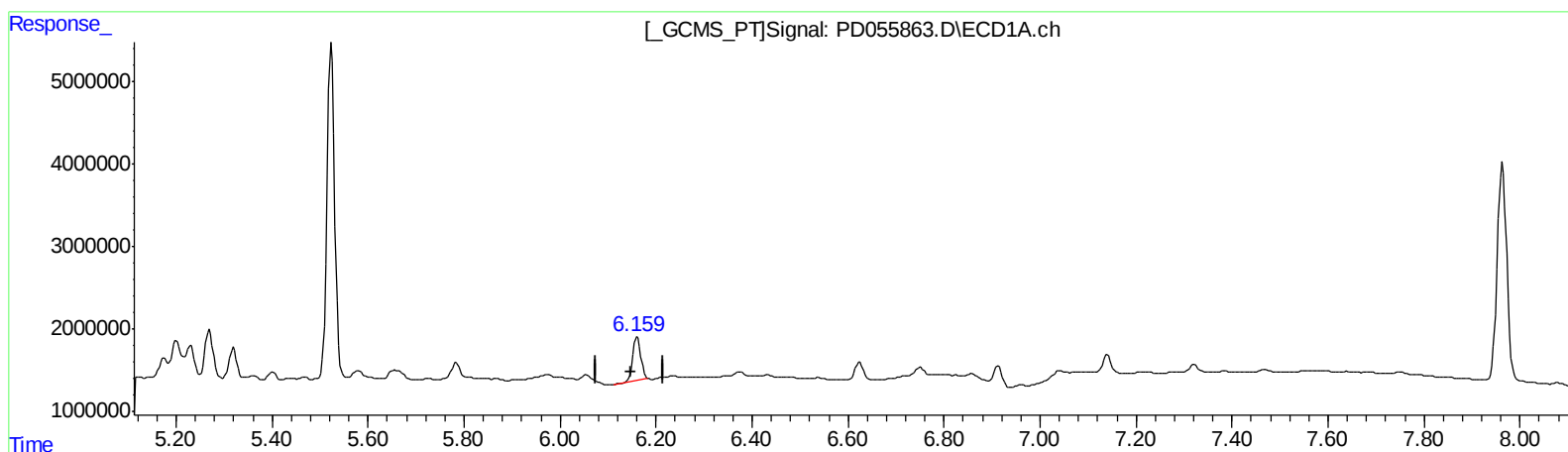
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

6.161min 9.333 ng/ml

response 6047957

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

7.060min 2.072 ng/ml

response 2253190

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111119\
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Misc :
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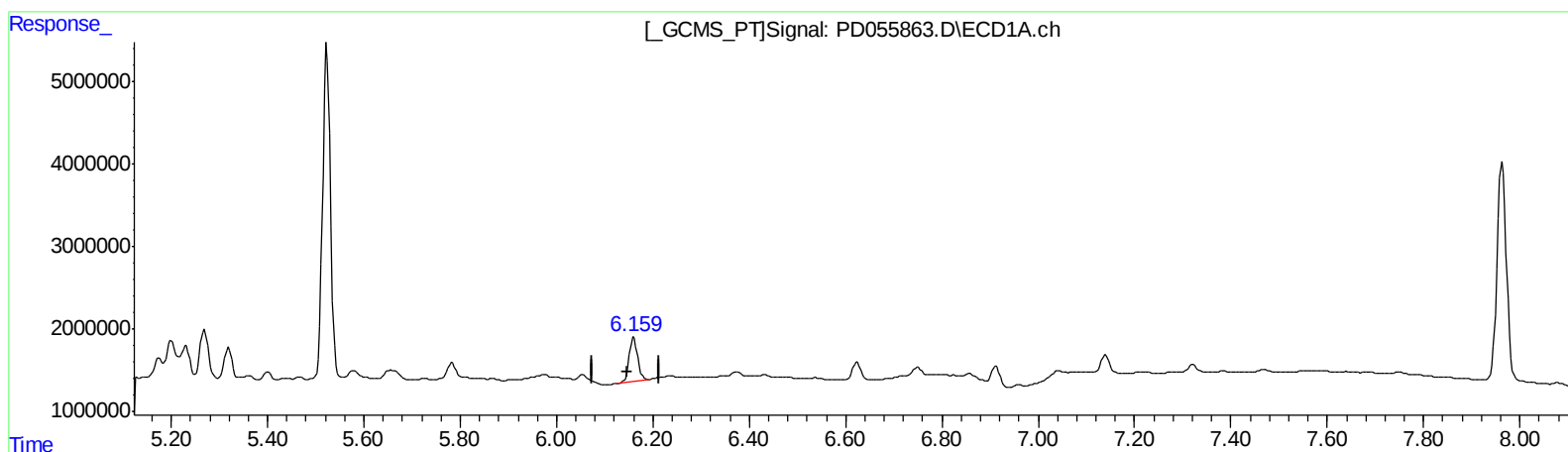
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

6.159min 10.255 ng/ml m

response 6645442

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

7.060min 2.072 ng/ml

response 2253190

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111119\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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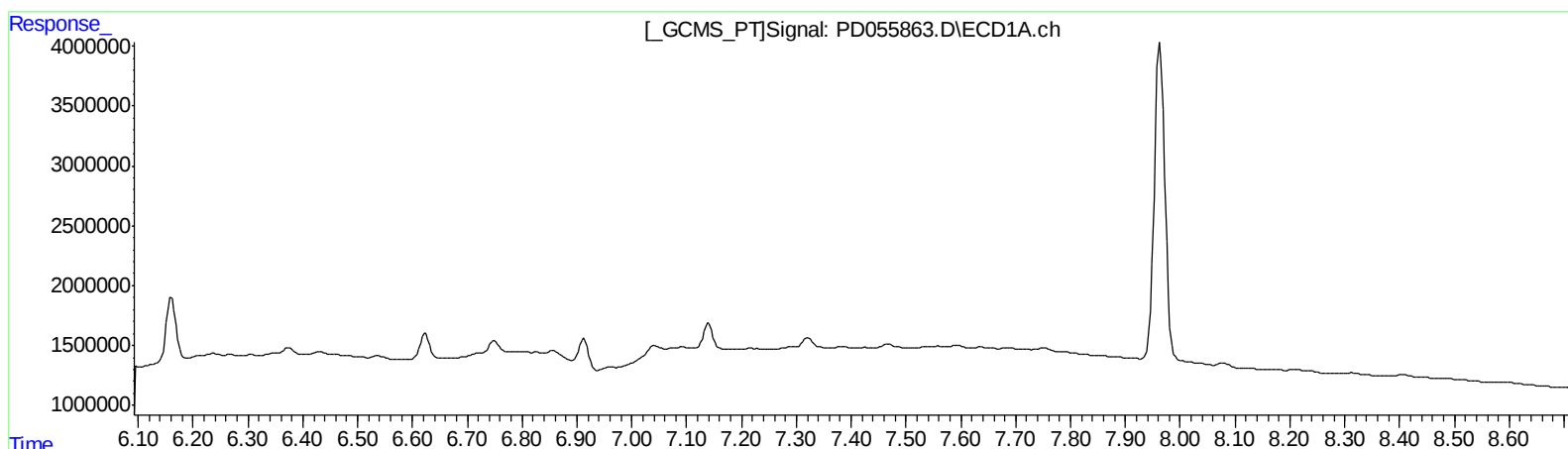
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)
0.000min 0.000 ng/ml
response 0

(21) Endrin ketone #2 (B)
7.676min 4.798 ng/ml
response 6328731

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111119\
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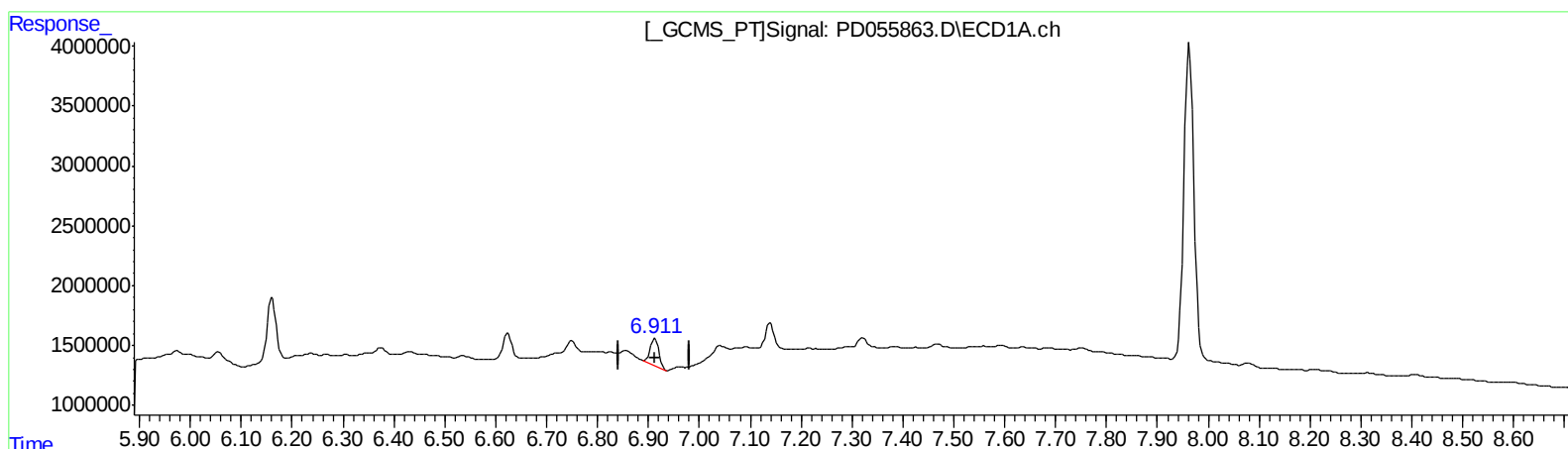
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)
6.911min 2.964 ng/ml m
response 2625097

(21) Endrin ketone #2 (B)
7.676min 4.798 ng/ml
response 6328731

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111119\
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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 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...	3.289	3.962	19221676	26209768	25.534	25.010
27) SA Decachlor...	7.963	8.998	36124170	48886184	44.318	43.050
Target Compounds						
3) MA gamma-BHC...	3.990	4.630	1772622	2409619	1.733m	1.710m
8) B Heptachlo...	4.953	5.823	8030550	19661002	8.994	14.569 #
9) A Endosulfan I	5.269	6.157	6338663	5177831	7.564	3.977m#
10) B trans-Chl...	5.174	6.057	2477132	6288264	2.732m	4.408m#
11) B cis-Chlor...	5.230	6.130	4367424	7759728	4.932m	5.529m
12) B 4,4'-DDE	5.399	6.273	1114393	801942	1.282m	0.595m#
13) MA Dieldrin	5.524	6.437	45150029	77240504	48.001	54.642
15) B Endosulfa...	6.055	6.862	1159753	2616907	1.376m	2.021m#
17) MA 4,4'-DDT	6.159	7.060	6645442	2253190	10.255m	2.072 #
21) B Endrin ke...	6.911	7.676	2625097	6328731	2.964m	4.798 #

A. J
 11/13/19

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