

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2019 23:14
Operator : SG\AJ
Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

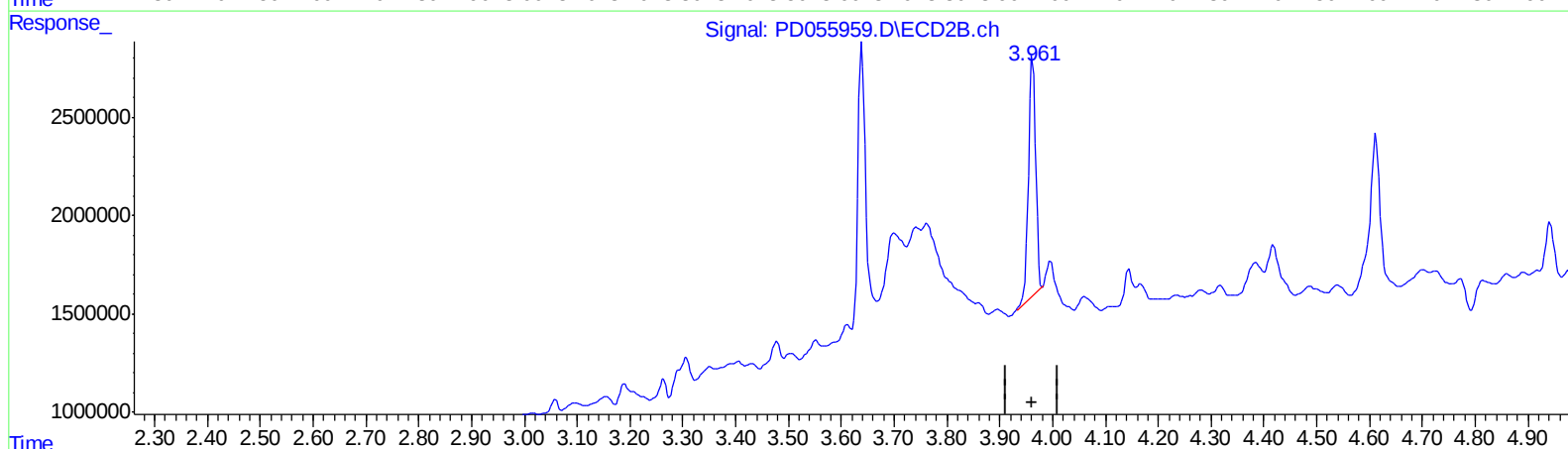
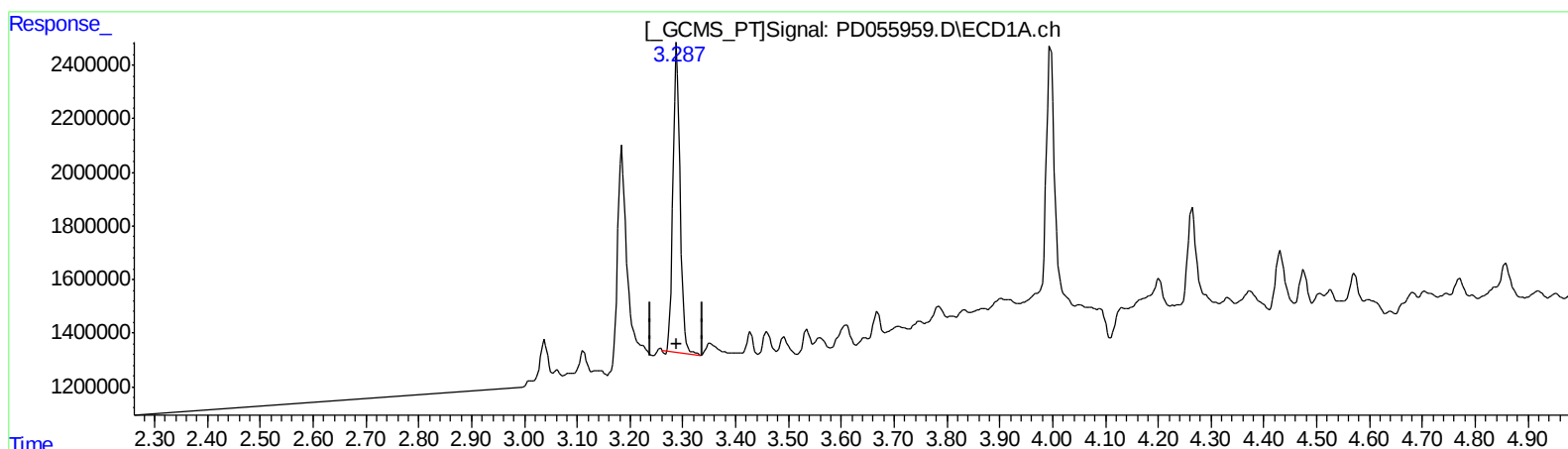
Instrument :
ECD_D
ClientSampleId :
C0AR9

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:26 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 00:50:43 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

(1) Tetrachloro-m-xylene (SA)

3.289min 14.180 ng/ml

response 10674632

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

3.962min 10.919 ng/ml

response 11442677

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
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Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

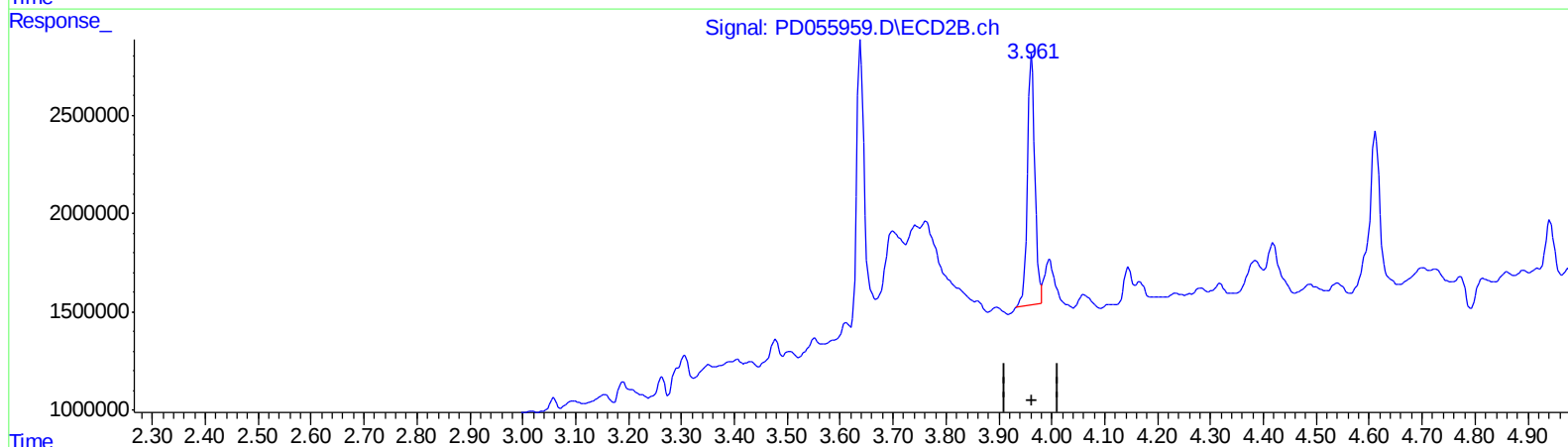
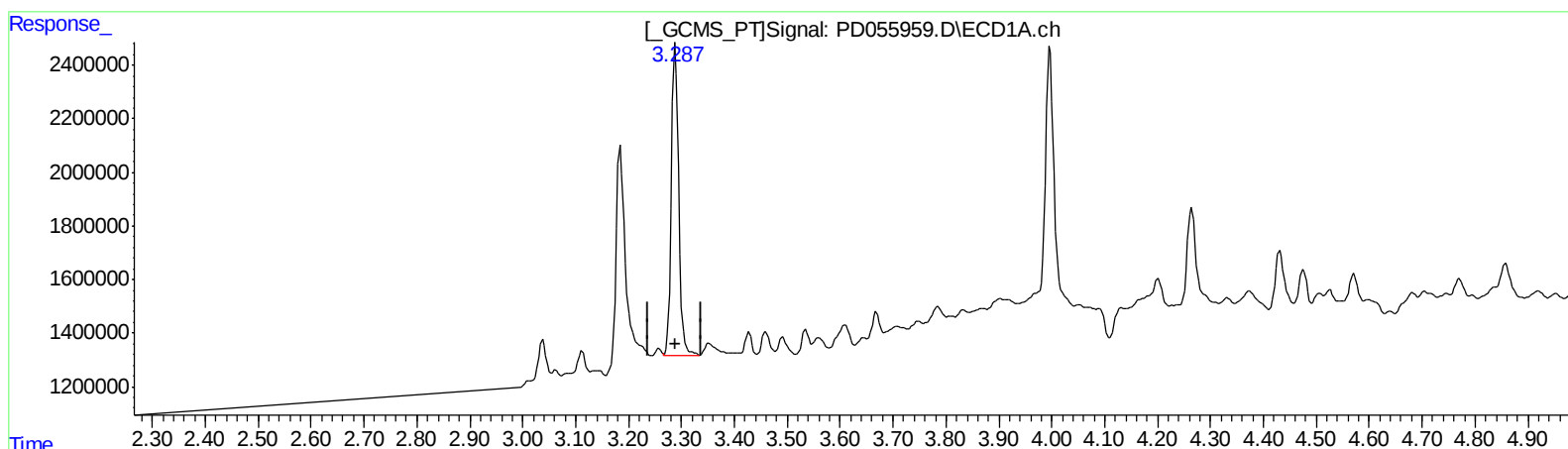
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Manual Integrations
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(1) Tetrachloro-m-xylene (SA)

3.287min 14.749 ng/ml m

response 11102475

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

3.961min 12.371 ng/ml m

response 12963749

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Sample : K5774-13
Misc :
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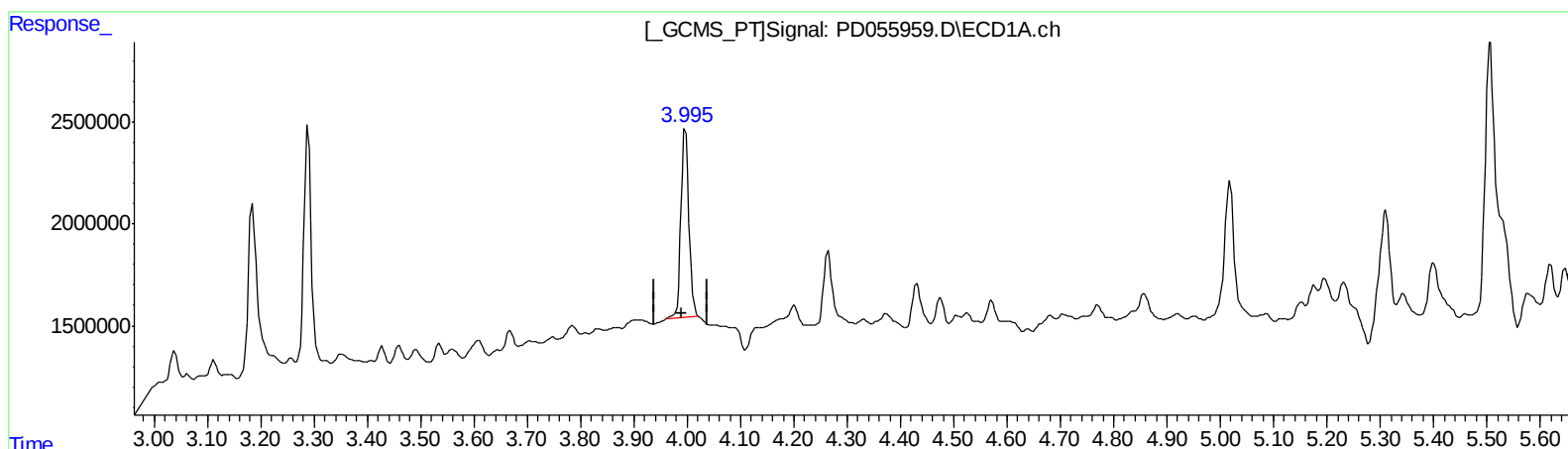
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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Ankita
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Integrator: ChemStation

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



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

3.997min 9.285 ng/ml

response 9497553

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

4.612min 4.980 ng/ml

response 7016194

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
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Acq On : 13 Nov 2019 23:14
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Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

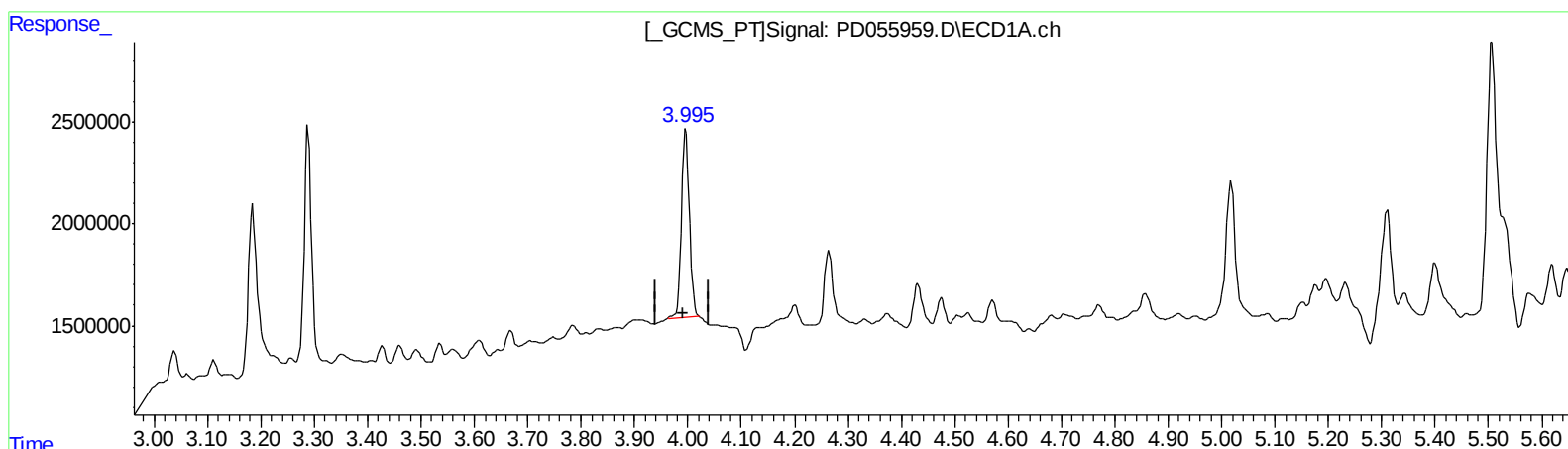
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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(3) gamma-BHC (Lindane) (MA)

3.997min 9.285 ng/ml

response 9497553

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

4.611min 7.174 ng/ml m

response 10107105

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : K5774-13
Misc :
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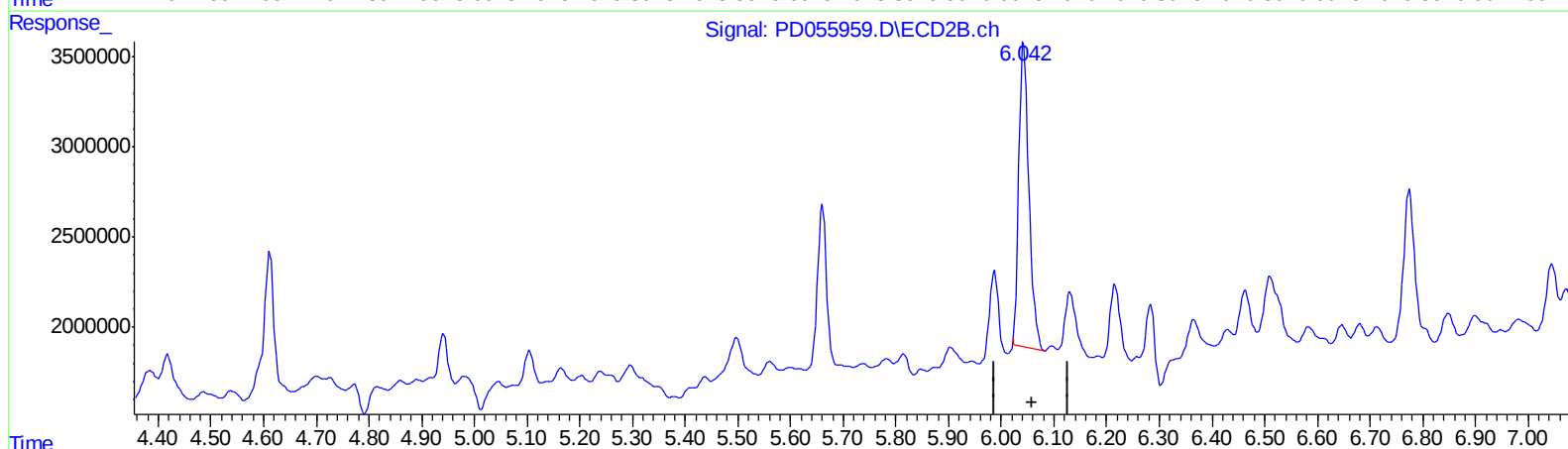
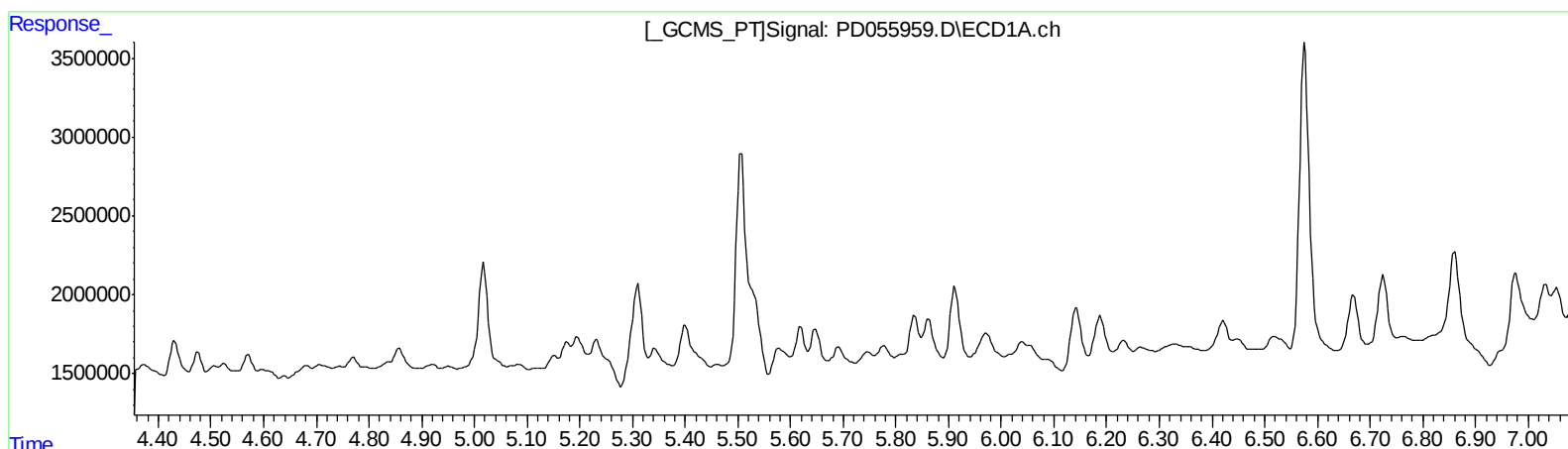
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ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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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

(10) trans-Chlordane (B)

0.000min 0.000 ng/ml

response 0

(10) trans-Chlordane #2 (B)

6.043min 15.878 ng/ml

response 22648916

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2019 23:14
Operator : SG\AJ
Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

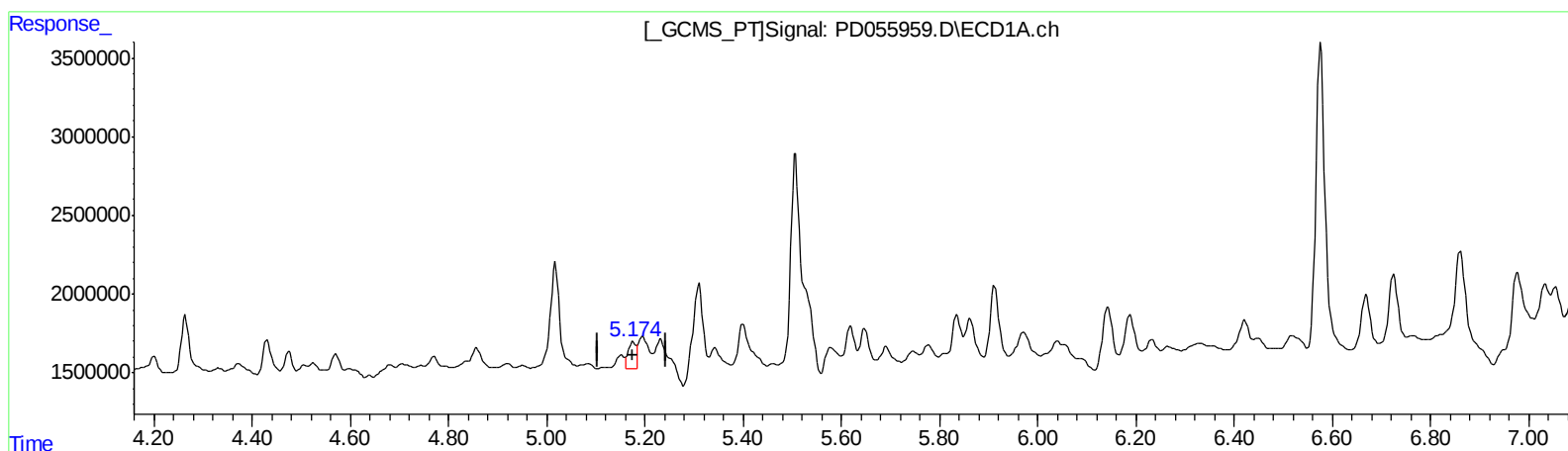
Instrument :
ECD_D
ClientSampleId :
C0AR9

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



(10) trans-Chlordane (B)

5.174min 2.366 ng/ml m

response 2145505

(10) trans-Chlordane #2 (B)

6.042min 16.815 ng/ml m

response 23986445

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2019 23:14
Operator : SG\AJ
Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

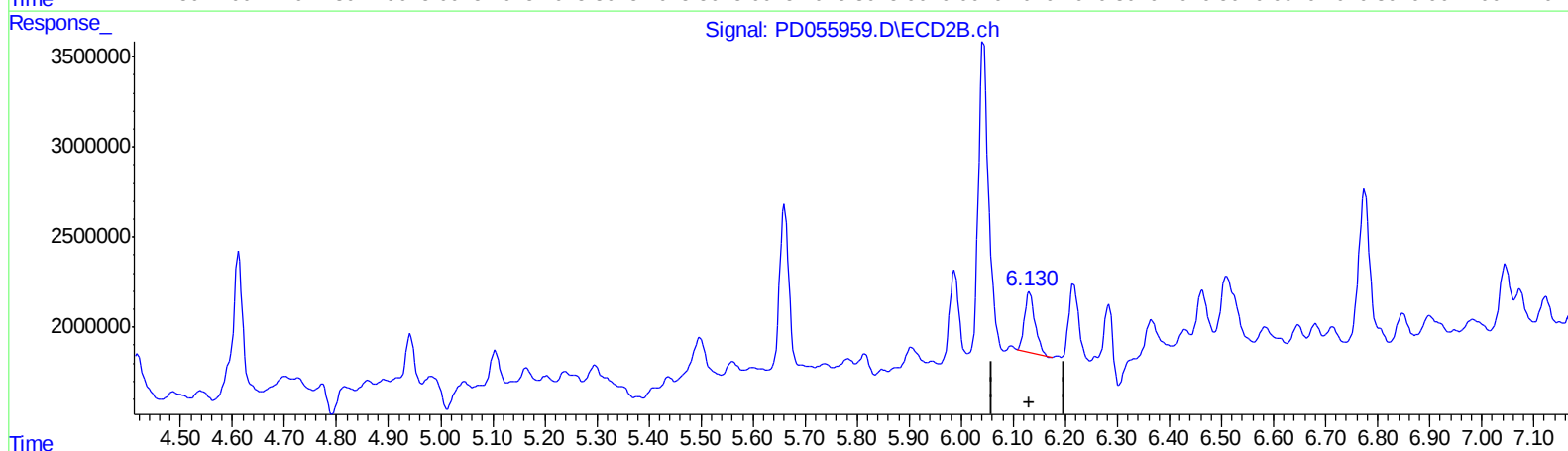
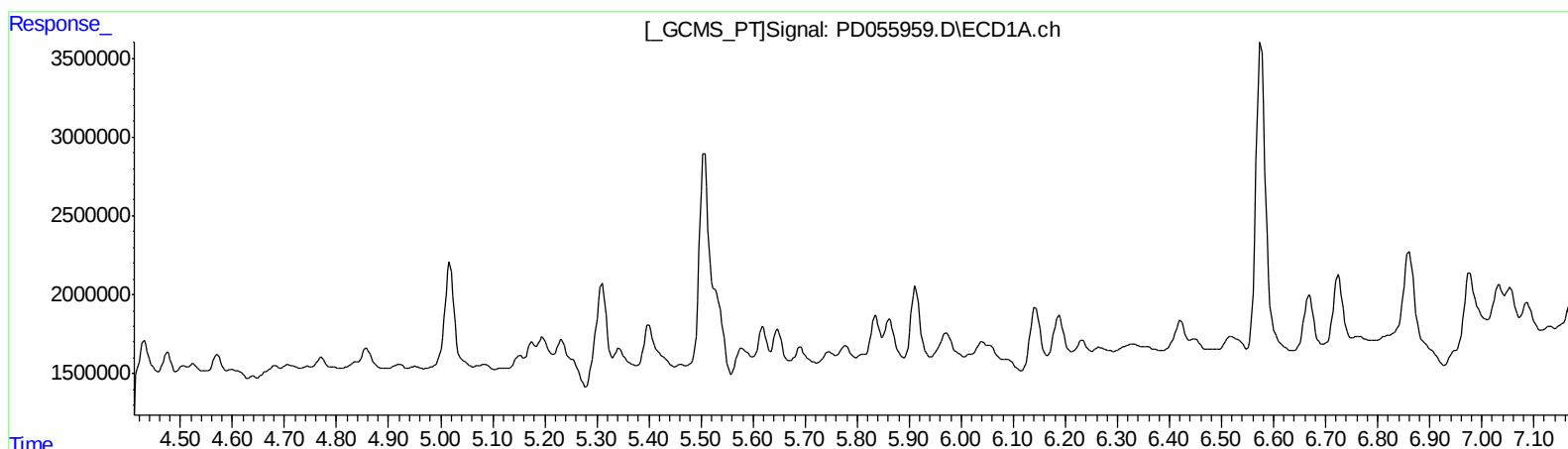
Instrument :
ECD_D
ClientSampleId :
C0AR9

Manual Integrations
APPROVED

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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



QEdit

(11) cis-Chlordane (B)

0.000min 0.000 ng/ml

response 0

(11) cis-Chlordane #2 (B)

6.131min 3.414 ng/ml

response 4791766

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2019 23:14
Operator : SG\AJ
Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

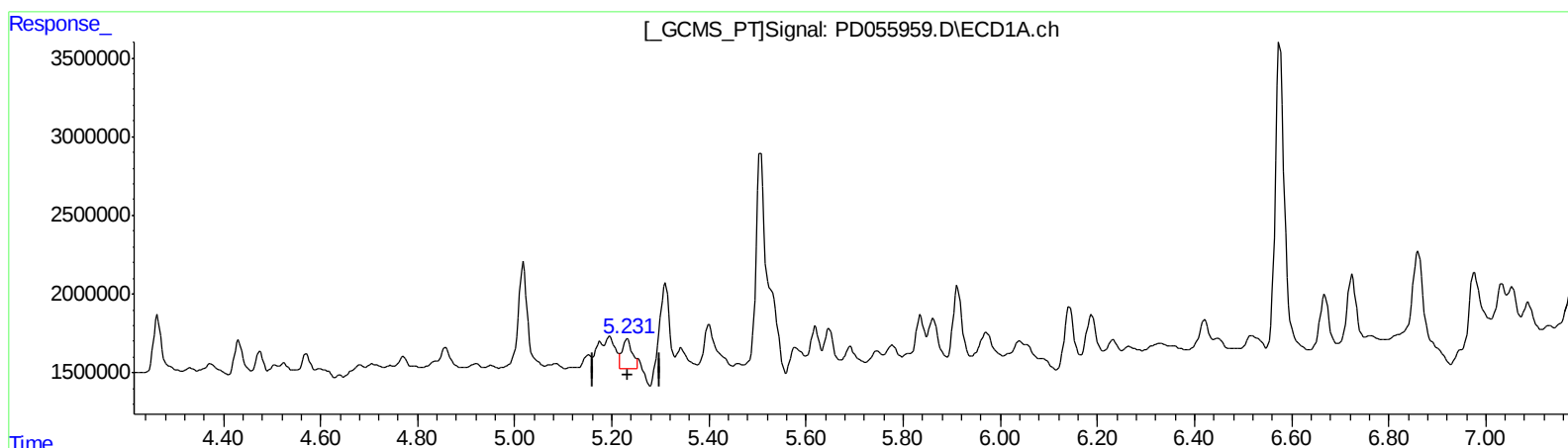
Instrument :
ECD_D
ClientSampleId :
C0AR9

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:26 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



(11) cis-Chlordane (B)

5.231min 3.000 ng/ml m

response 2656263

(11) cis-Chlordane #2 (B)

6.131min 3.414 ng/ml

response 4791766

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : SG\AJ
Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

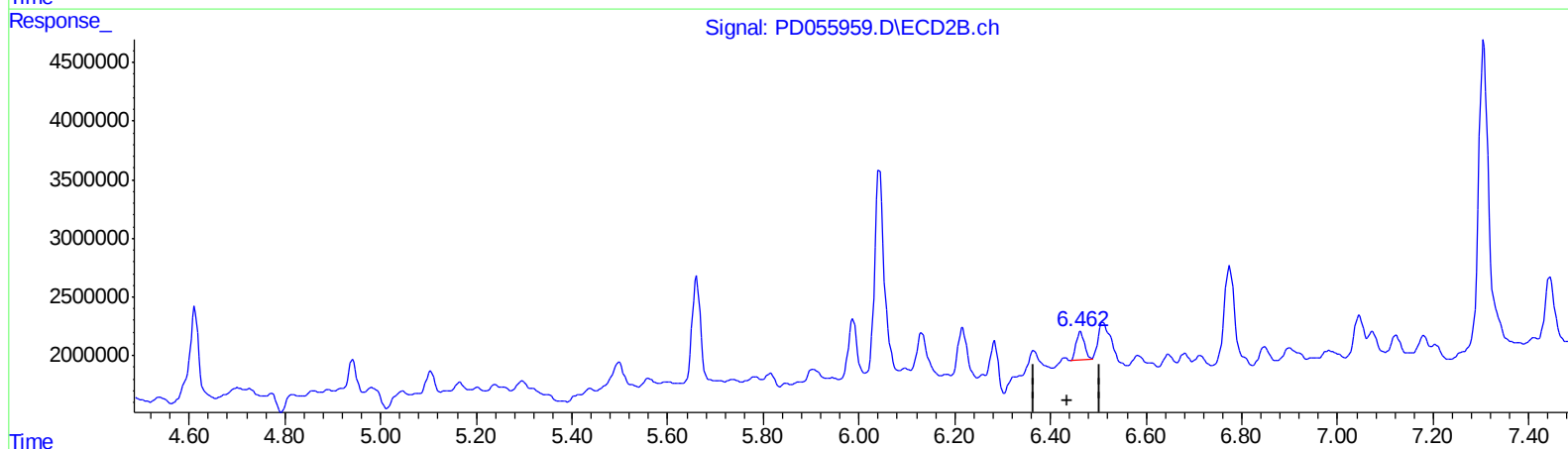
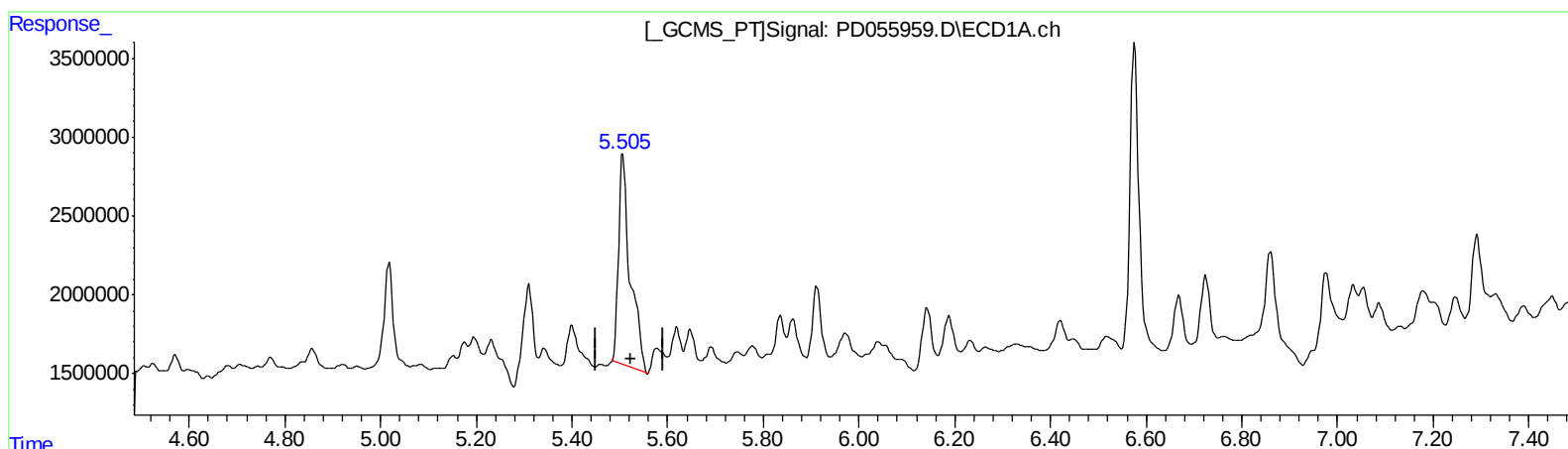
Instrument :
ECD_D
ClientSampleId :
C0AR9

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



QEdit

(13) Dieldrin (MA)
5.507min 23.966 ng/ml
response 22542295

(13) Dieldrin #2 (MA)
6.463min 2.041 ng/ml
response 2885522

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2019 23:14
Operator : SG\AJ
Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

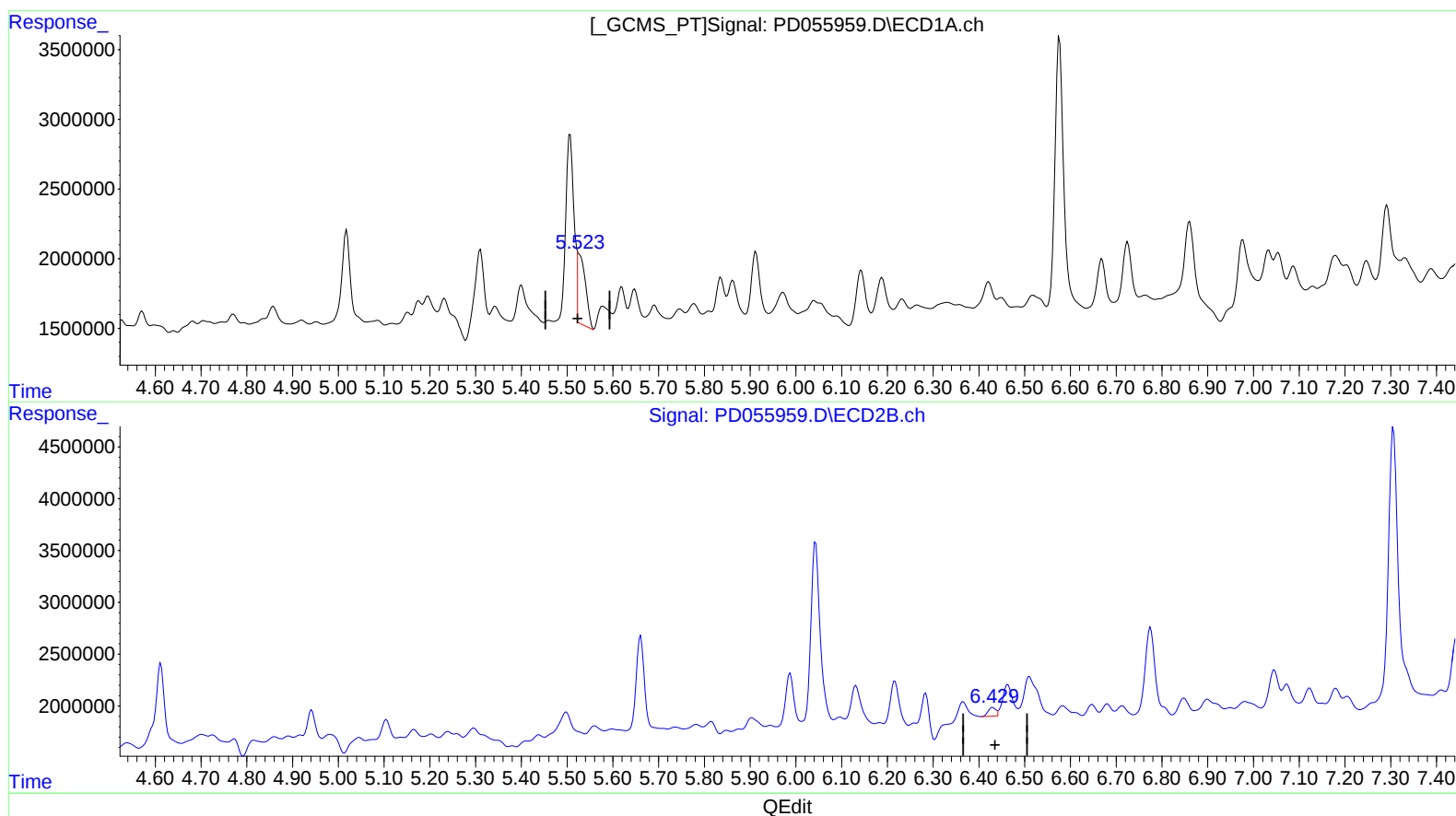
Instrument :
ECD_D
ClientSampleId :
C0AR9

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



(13) Dieldrin (MA)
5.523min 6.236 ng/ml m
response 5865583

(13) Dieldrin #2 (MA)
6.429min 0.753 ng/ml m
response 1063967

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
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Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

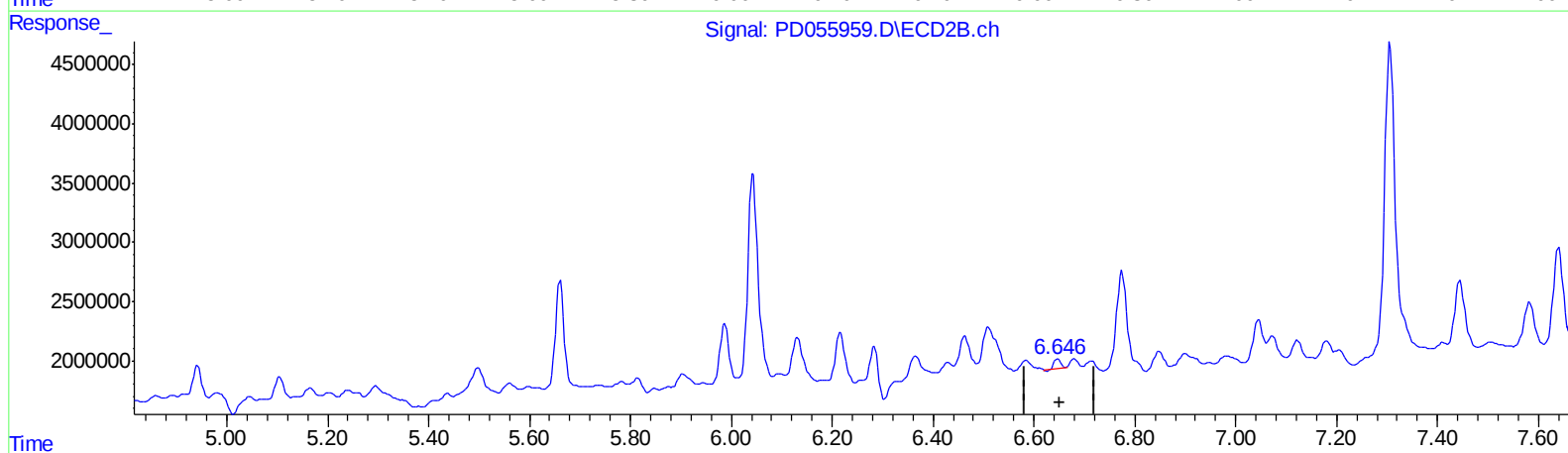
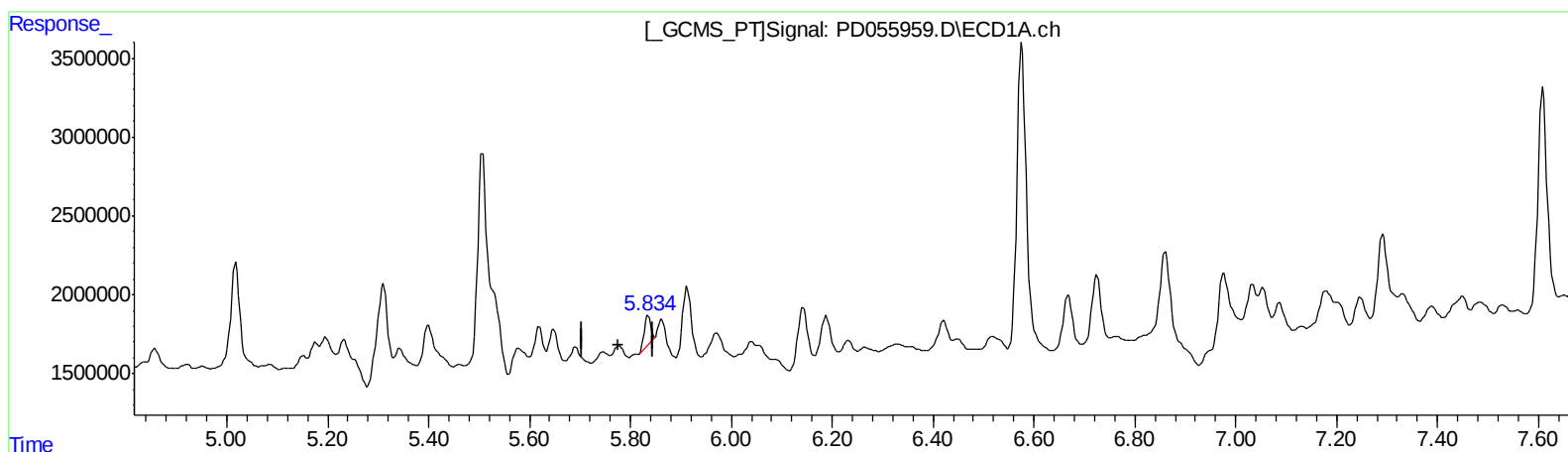
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(14) Endrin (MA)

5.836min 1.997 ng/ml

response 1601747

(14) Endrin #2 (MA)

6.648min 0.652 ng/ml

response 750221

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
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Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

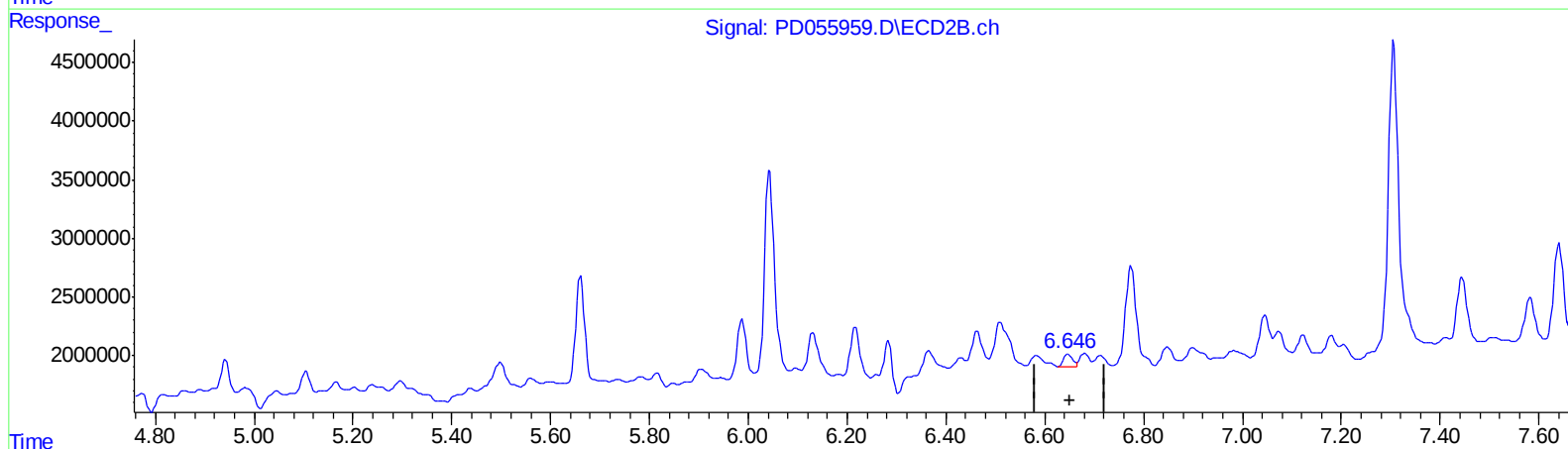
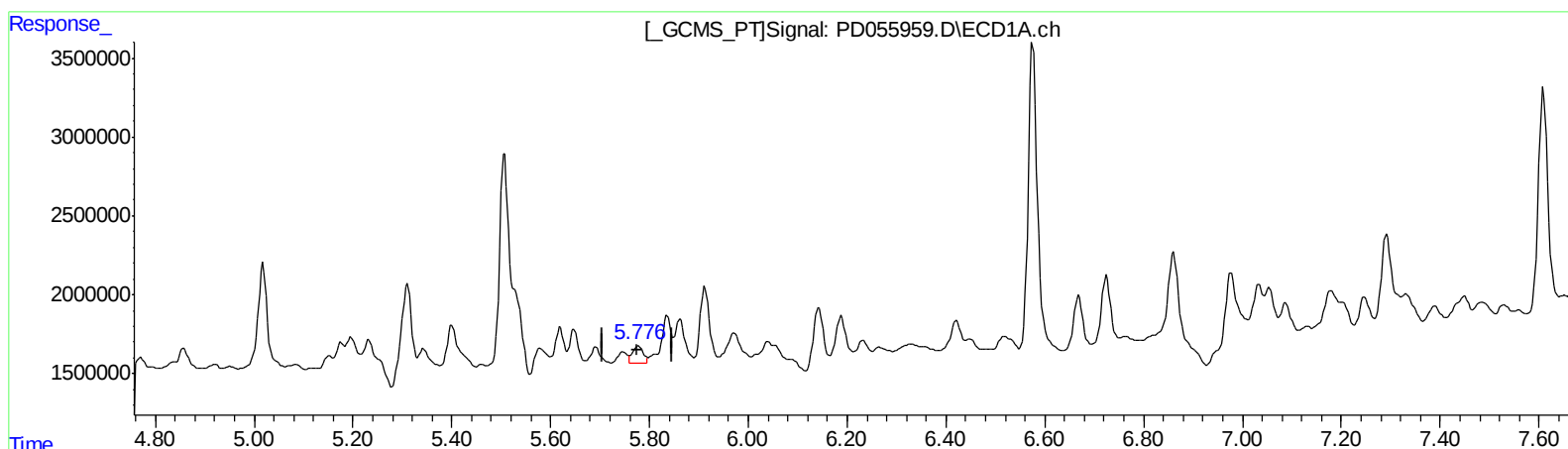
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(14) Endrin (MA)

5.776min 2.008 ng/ml m

response 1610706

(14) Endrin #2 (MA)

6.646min 1.219 ng/ml m

response 1403428

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
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Operator : SG\AJ
Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

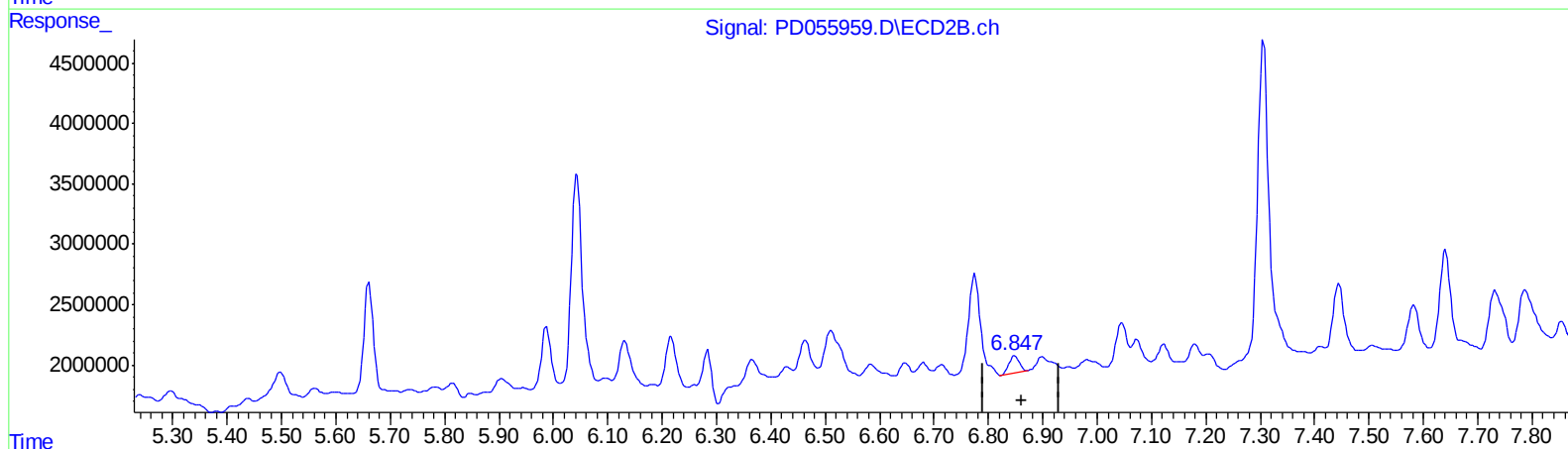
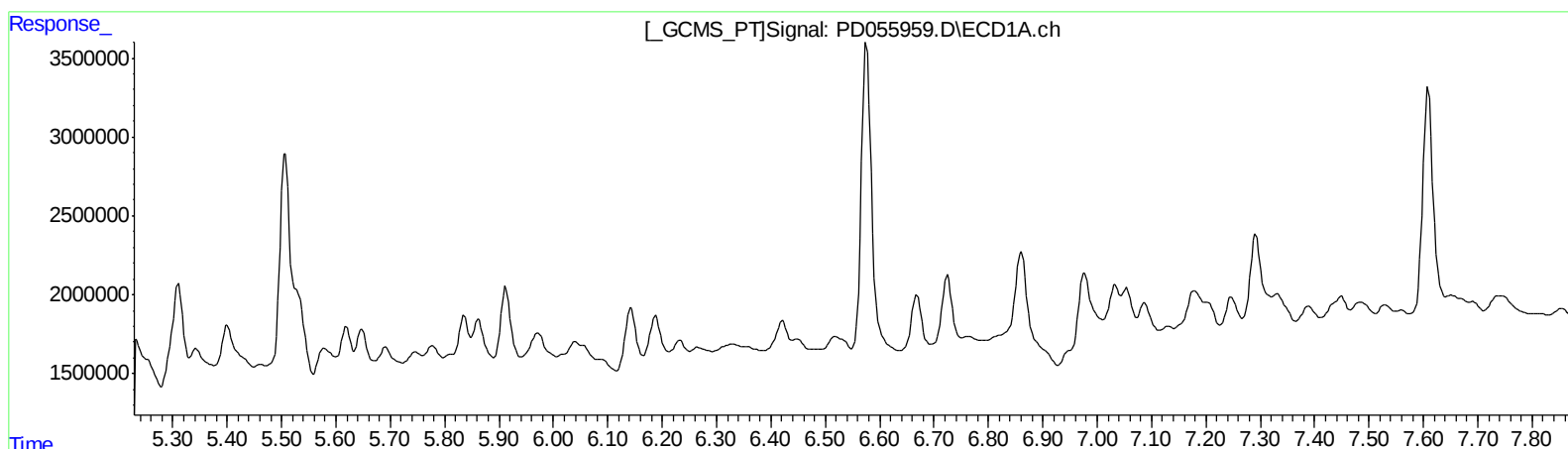
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

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

(15) Endosulfan II #2 (B)
6.849min 1.394 ng/ml
response 1805616

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
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Misc :
ALS Vial : 48 Sample Multiplier: 1

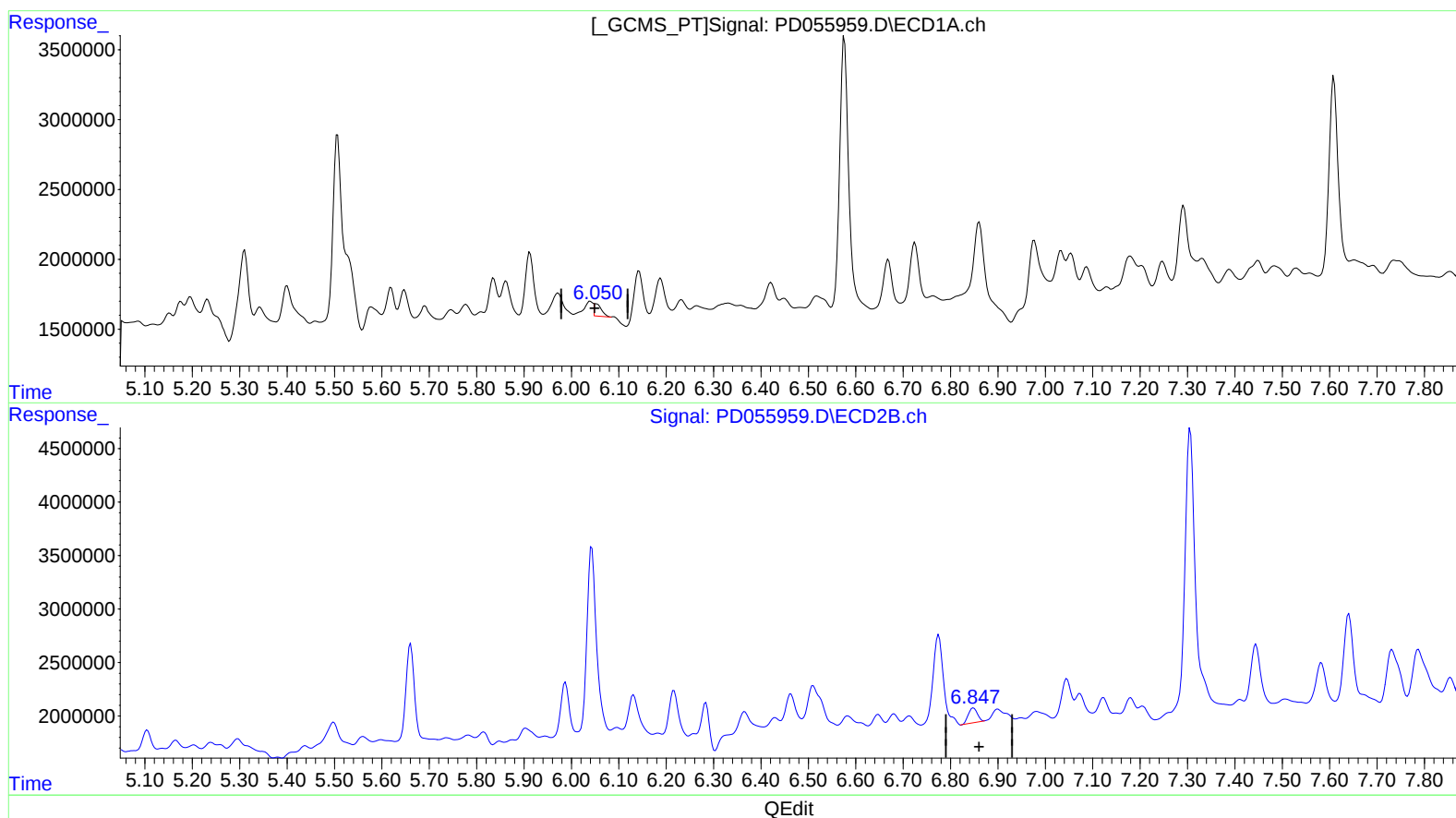
Instrument :
ECD_D
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(15) Endosulfan II (B)

6.050min 1.084 ng/ml m

response 913752

(15) Endosulfan II #2 (B)

6.849min 1.394 ng/ml

response 1805616

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
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Operator : SG\AJ
Sample : K5774-13
Misc :
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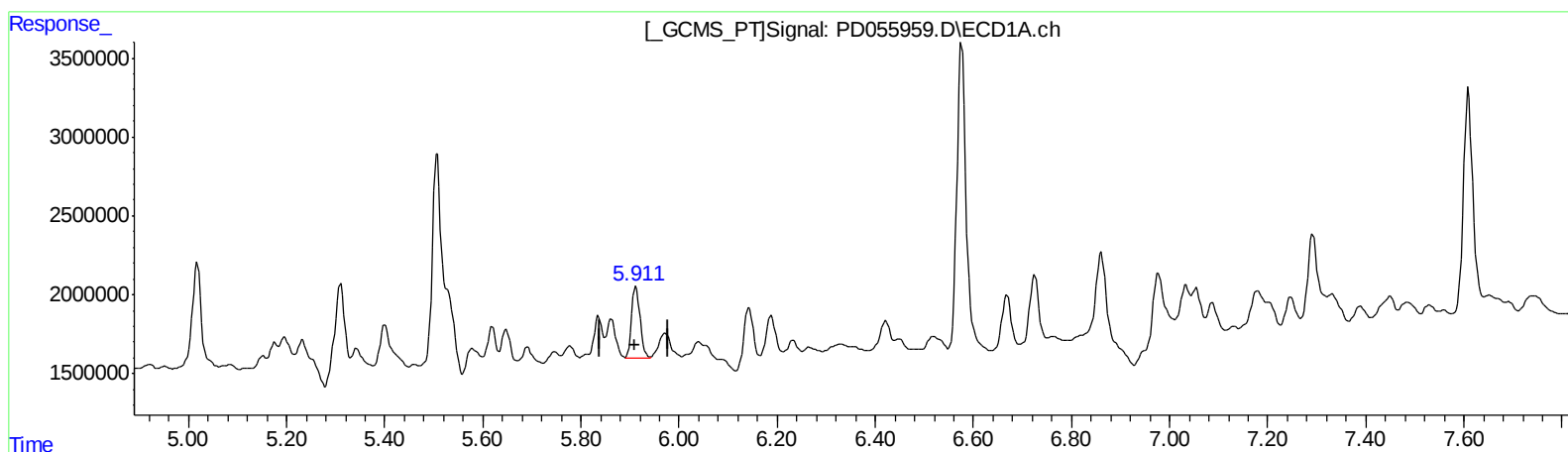
Instrument :
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
5.911min 7.709 ng/ml m
response 5444918

(16) 4,4'-DDD #2 (A)
6.775min 11.480 ng/ml
response 12819493

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Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

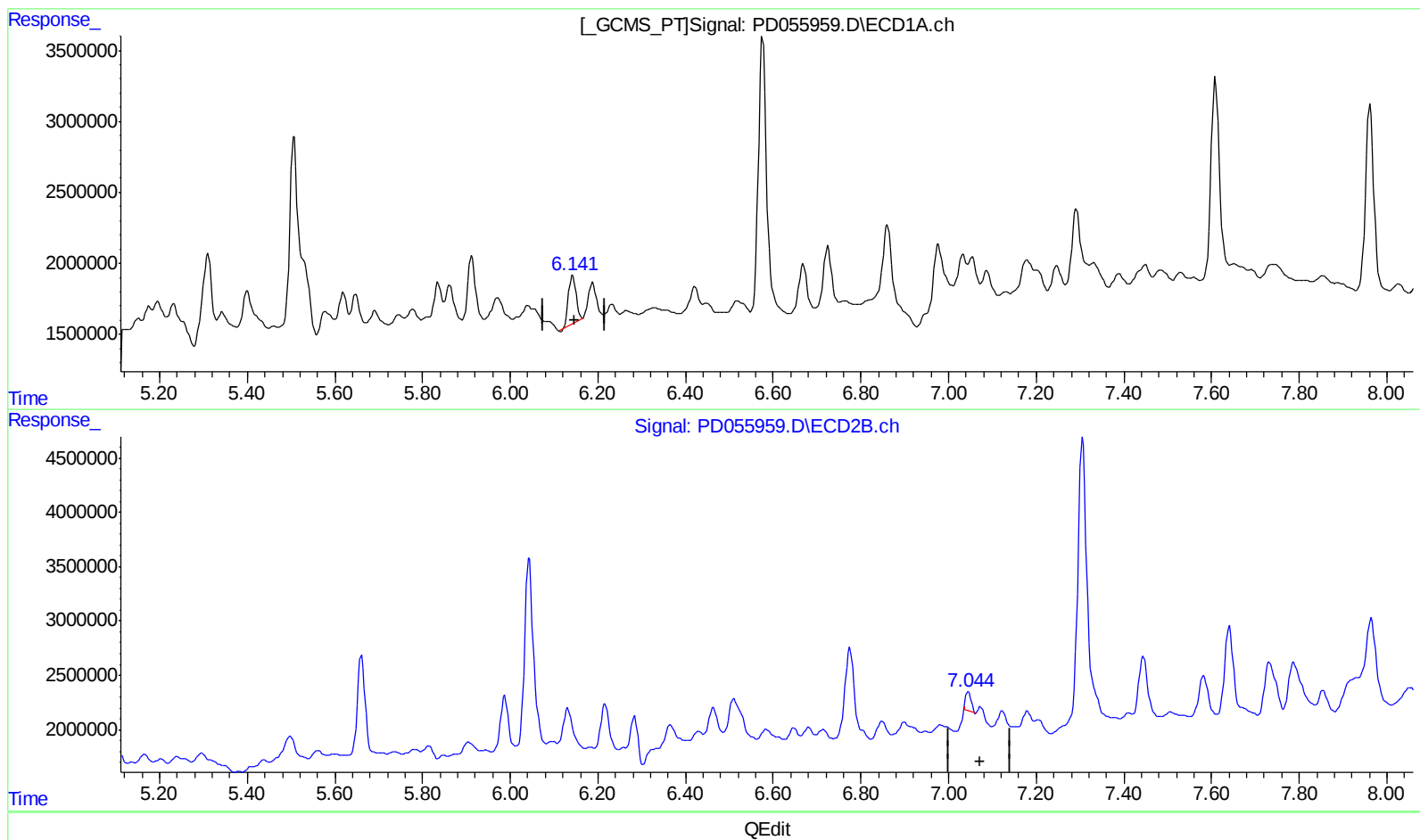
Instrument :
ECD_D
ClientSampleId :
C0AR9

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:26 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 00:50:43 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



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

6.143min 6.314 ng/ml

response 4091875

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

7.046min 1.391 ng/ml

response 1512272

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2019 23:14
Operator : SG\AJ
Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

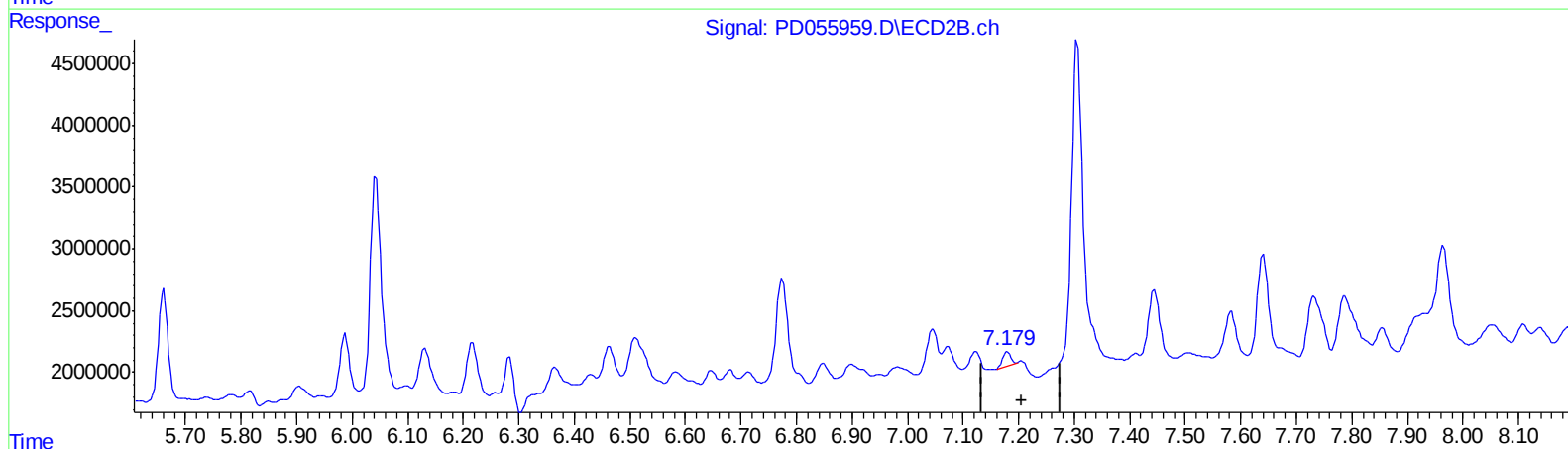
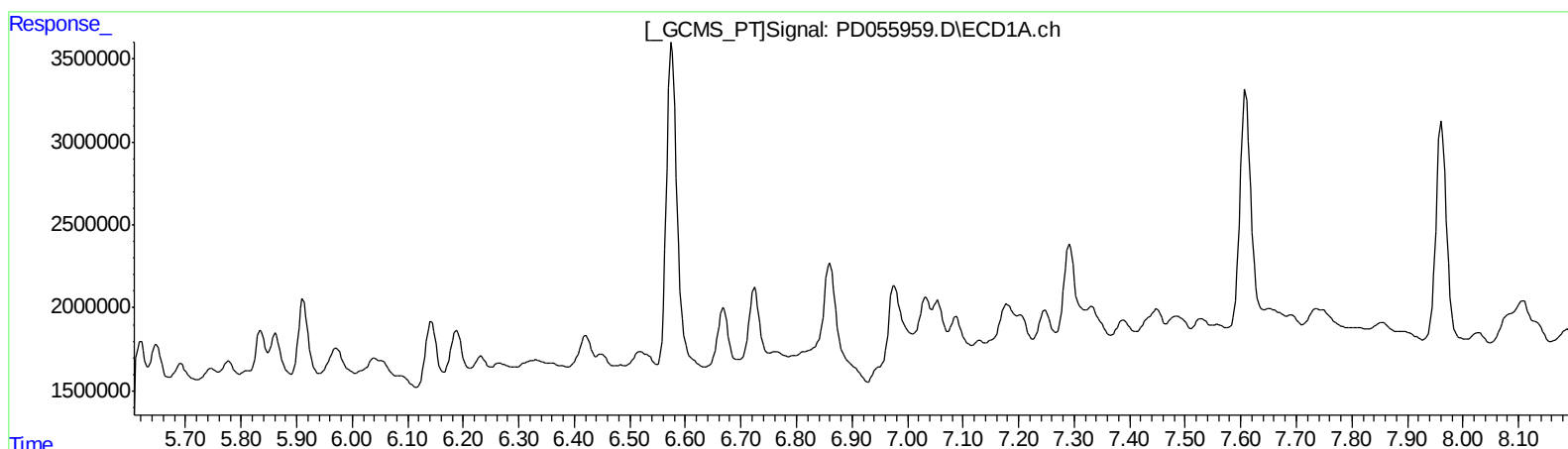
Instrument :
ECD_D
ClientSampleId :
C0AR9

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:26 AM

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QLast Update : Sat Nov 02 07:20:38 2019
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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

(19) Endosulfan Sulfate (B)

0.000min 0.000 ng/ml

response 0

(19) Endosulfan Sulfate #2 (B)

7.180min 1.030 ng/ml

response 1241808

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2019 23:14
Operator : SG\AJ
Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

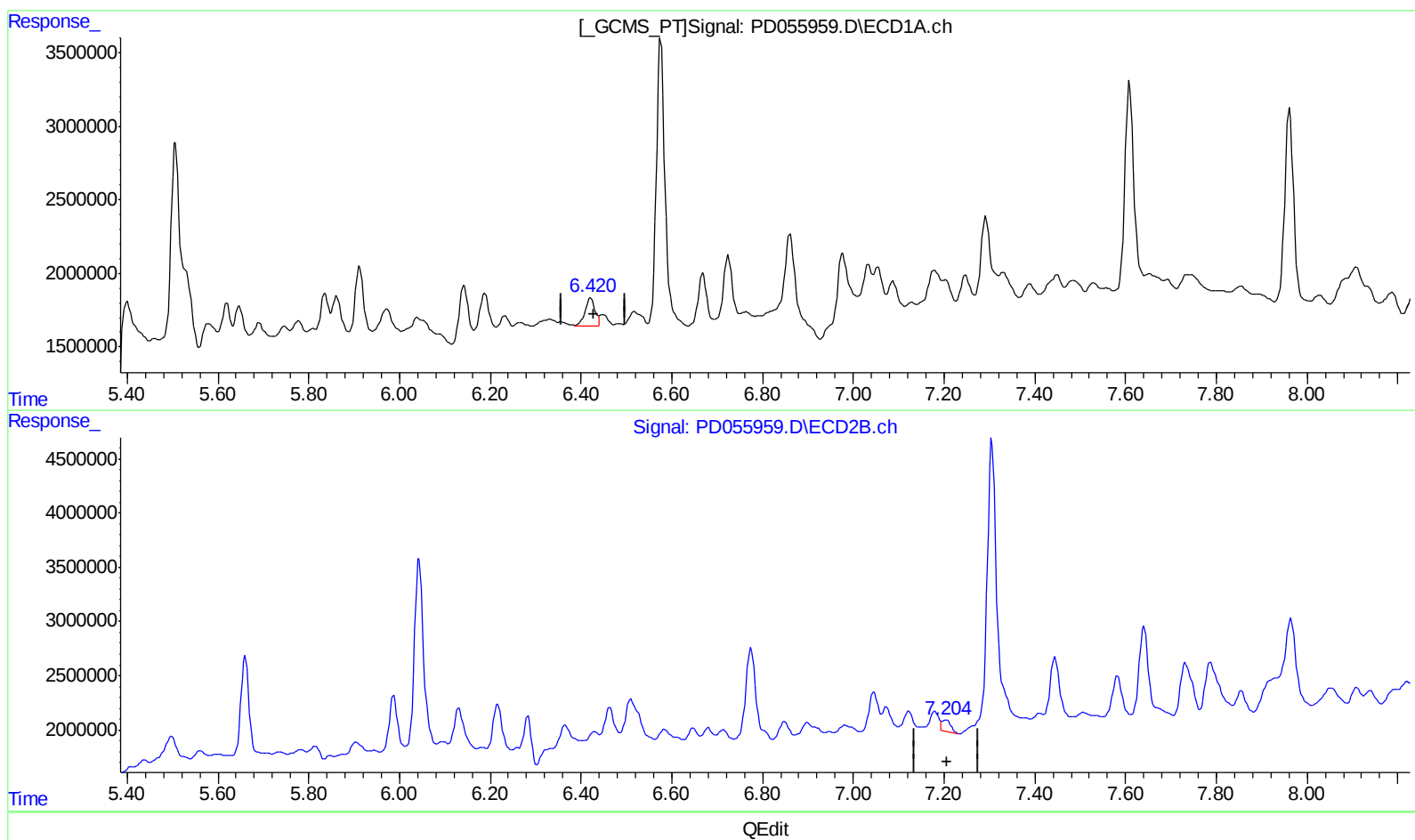
Instrument :
ECD_D
ClientSampleId :
C0AR9

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:26 AM

Integration File signal 1: autoint1.e
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QLast Update : Sat Nov 02 07:20:38 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



(19) Endosulfan Sulfate (B)

6.420min 3.595 ng/ml m

response 2821094

(19) Endosulfan Sulfate #2 (B)

7.204min 1.151 ng/ml m

response 1387101

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2019 23:14
Operator : SG\AJ
Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

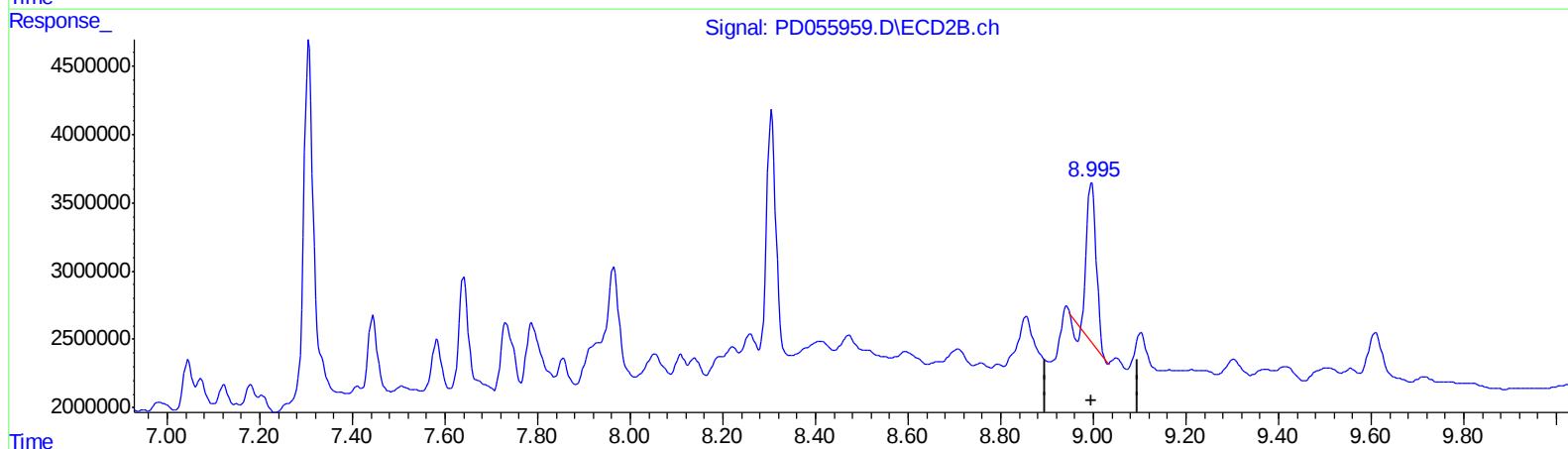
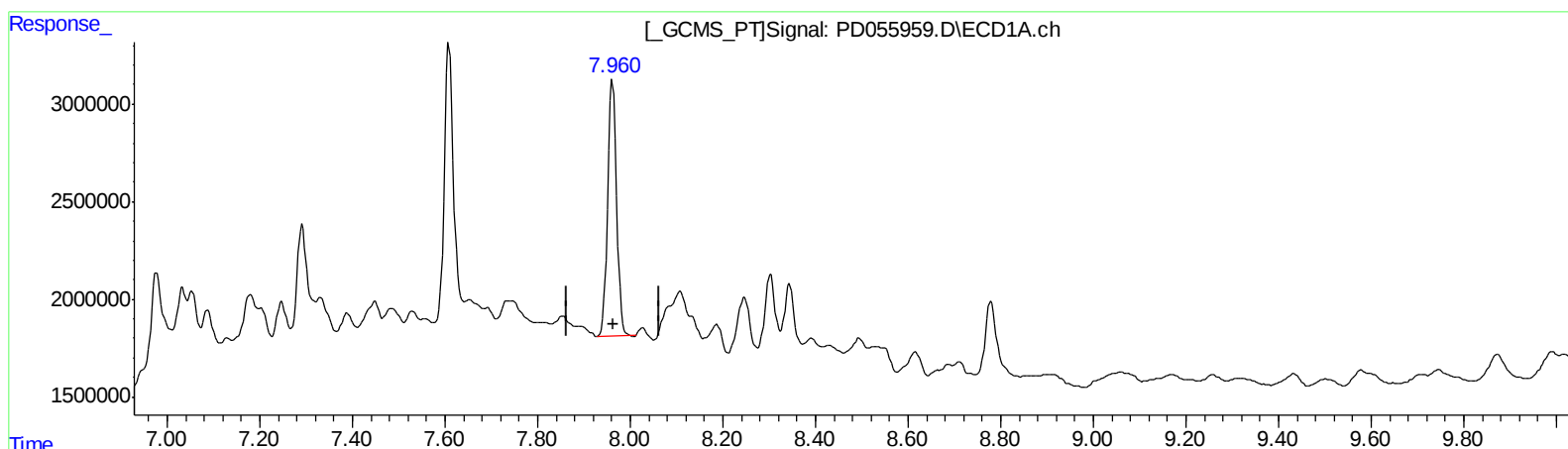
Instrument :
ECD_D
ClientSampleId :
C0AR9

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:26 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 00:50:43 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

(27) Decachlorobiphenyl (SA)

7.962min 21.518 ng/ml

response 17539999

(27) Decachlorobiphenyl #2 (SA)

8.996min 14.885 ng/ml

response 16903261

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
Data File : PD055959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2019 23:14
Operator : SG\AJ
Sample : K5774-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

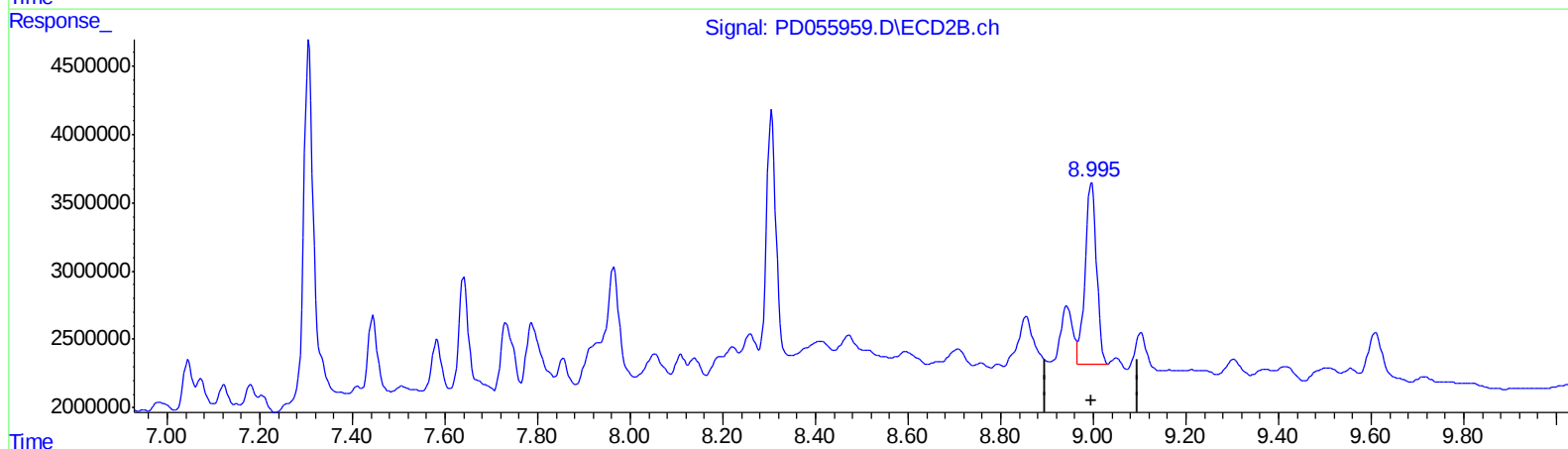
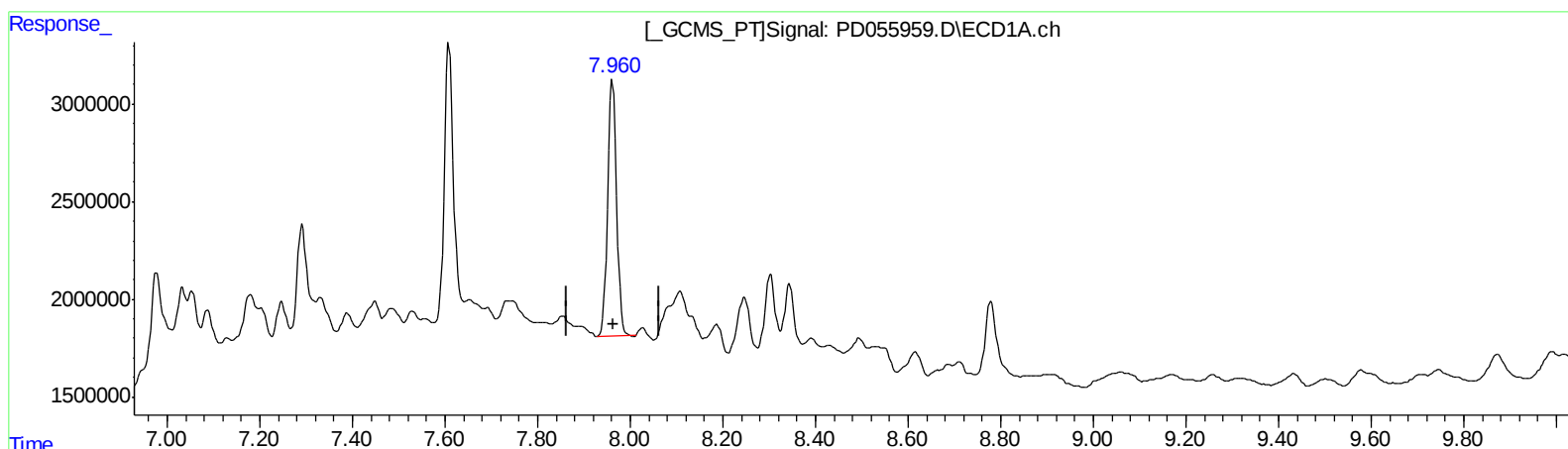
Instrument :
ECD_D
ClientSampleId :
C0AR9

Manual Integrations
APPROVED

Ankita
11/15/2019 8:49:26 AM

Integration File signal 1: autoint1.e
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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

(27) Decachlorobiphenyl (SA)

7.962min 21.518 ng/ml

response 17539999

(27) Decachlorobiphenyl #2 (SA)

8.995min 20.284 ng/ml m

response 23033971

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
 Data File : PD055959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2019 23:14
 Operator : SG\AJ
 Sample : K5774-13
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0AR9

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 00:50:43 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

Manual Integrations
 APPROVED

Ankita
 11/15/2019 8:49:26 AM

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...	3.287	3.961	11102475	12963749	14.749m	12.371m
27) SA Decachlor...	7.962	8.995	17539999	23033971	21.518	20.284m
Target Compounds						
3) MA gamma-BHC...	3.997	4.611	9497553	10107105	9.285	7.174m
10) B trans-Chl...	5.174	6.042	2145505	23986445	2.366m	16.815m#
11) B cis-Chlor...	5.231	6.131	2656263	4791766	3.000m	3.414
12) B 4,4'-DDE	5.400	6.284	3991732	4902203	4.591	3.638
13) MA Dieldrin	5.523	6.429	5865583	1063967	6.236m	0.753m#
14) MA Endrin	5.776	6.646	1610706	1403428	2.008m	1.219m#
15) B Endosulfa...	6.050	6.849	913752	1805616	1.084m	1.394 #
16) A 4,4'-DDD	5.911	6.775	5444918	12819493	7.709m	11.480 #
17) MA 4,4'-DDT	6.143	7.072	4091875	3253323	6.314	2.992m#
19) B Endosulfa...	6.420	7.204	2821094	1387101	3.595m	1.151m#

AJ
 12/16/19

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