

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
Data File : PD057191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2020 15:55
Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

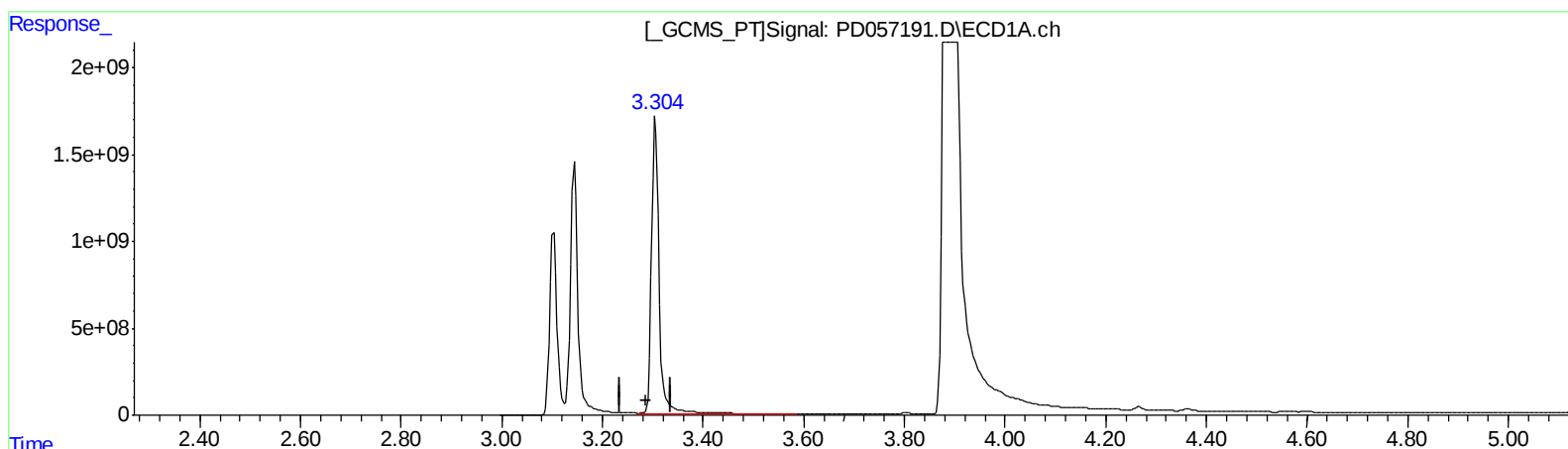
Instrument :
ECD_D
ClientSampleId :
C5B29MS

Manual Integrations
APPROVED

mohammad
2/14/2020 2:52:35 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 02:49:38 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021020CLP.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 04:58:40 2020
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



(1) Tetrachloro-m-xylene (SA)

3.302min 16940.311 ng/ml

response 14072406855

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

3.938min 7390.229 ng/ml

response 13771701853

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
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Acq On : 11 Feb 2020 15:55
Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

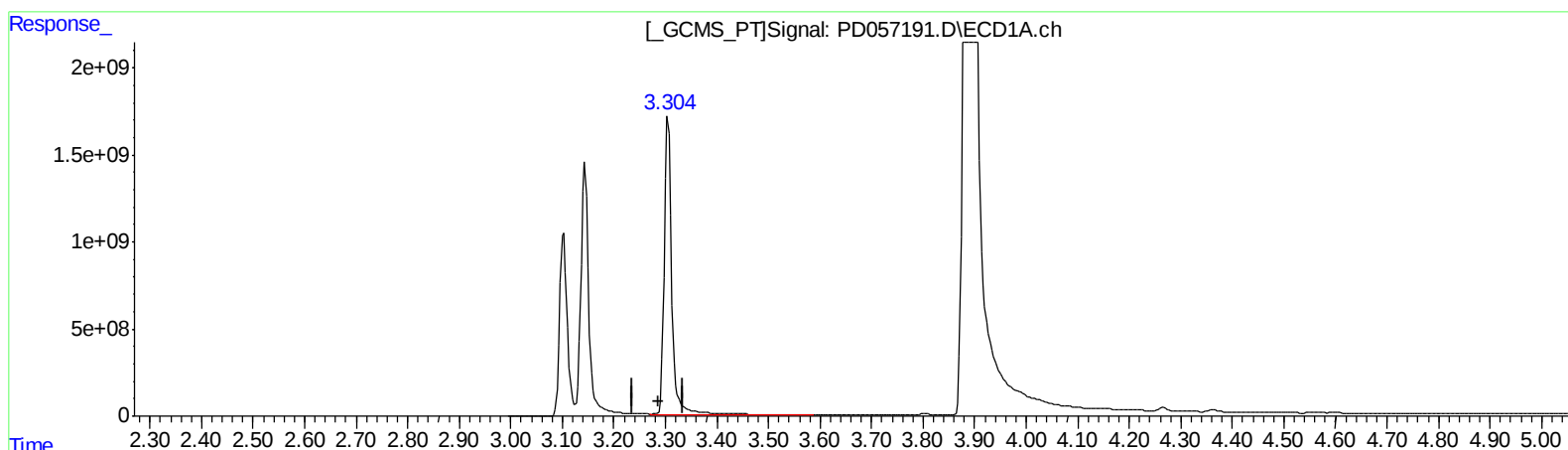
Instrument :
ECD_D
ClientSampleId :
C5B29MS

Manual Integrations
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2/14/2020 2:52:35 PM

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



(1) Tetrachloro-m-xylene (SA)

3.302min 16940.311 ng/ml

response 14072406855

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

3.935min 14413.626 ng/ml m

response 26859811201

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
Data File : PD057191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2020 15:55
Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

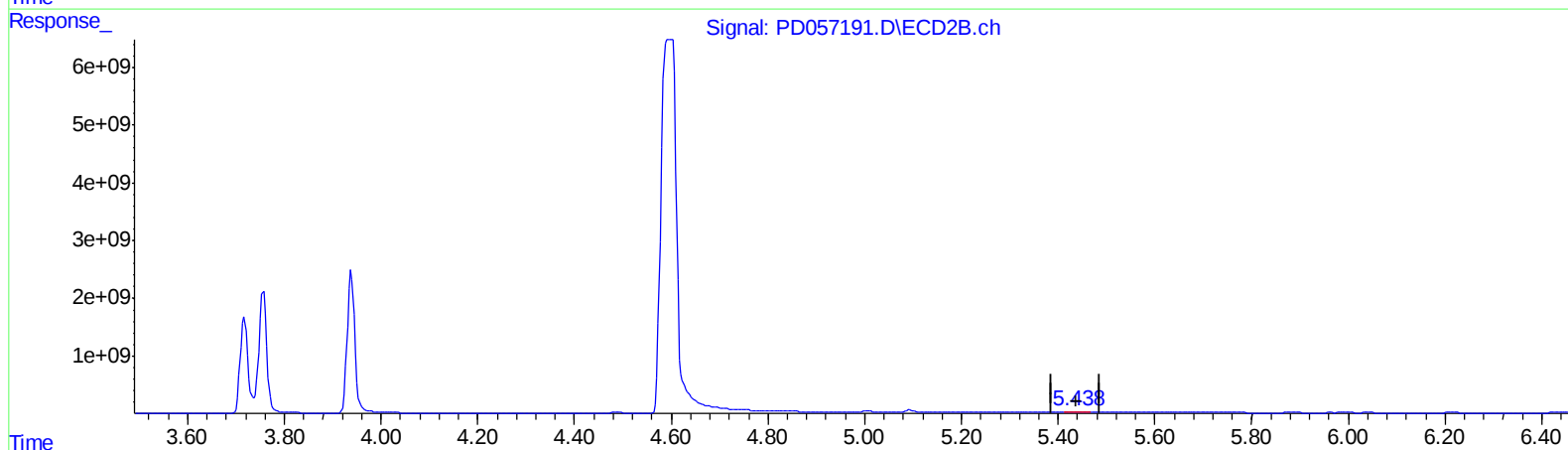
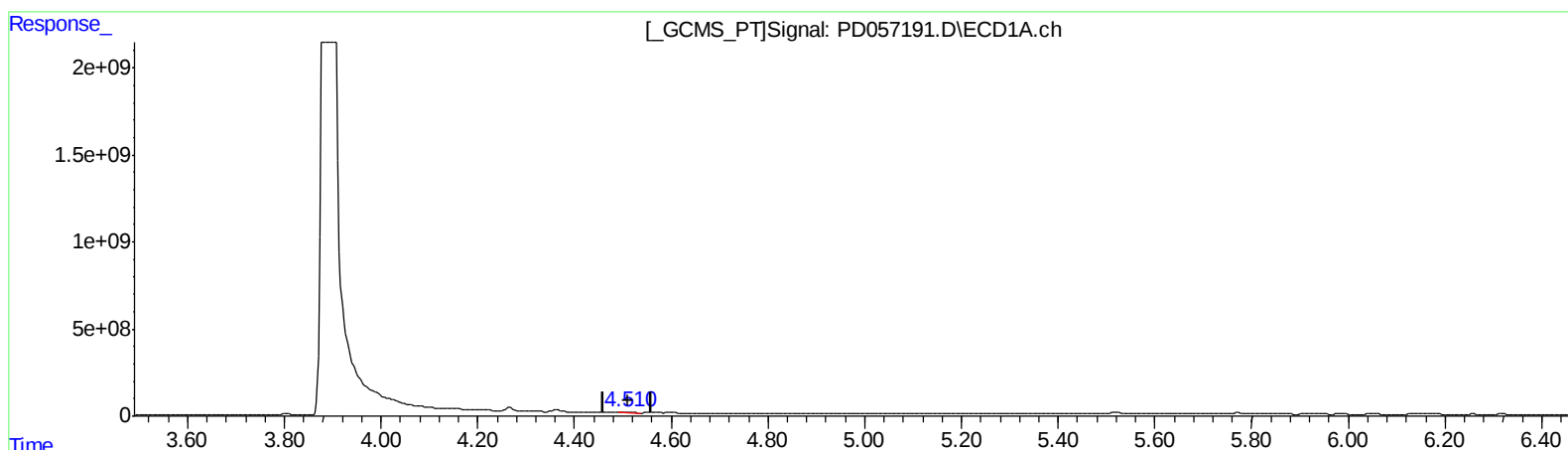
Instrument :
ECD_D
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C5B29MS

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

(5) Aldrin (MB)

4.511min 58.006 ng/ml

response 65880563

(5) Aldrin #2 (MB)

5.438min 45.261 ng/ml m

response 125147552

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
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Acq On : 11 Feb 2020 15:55
Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

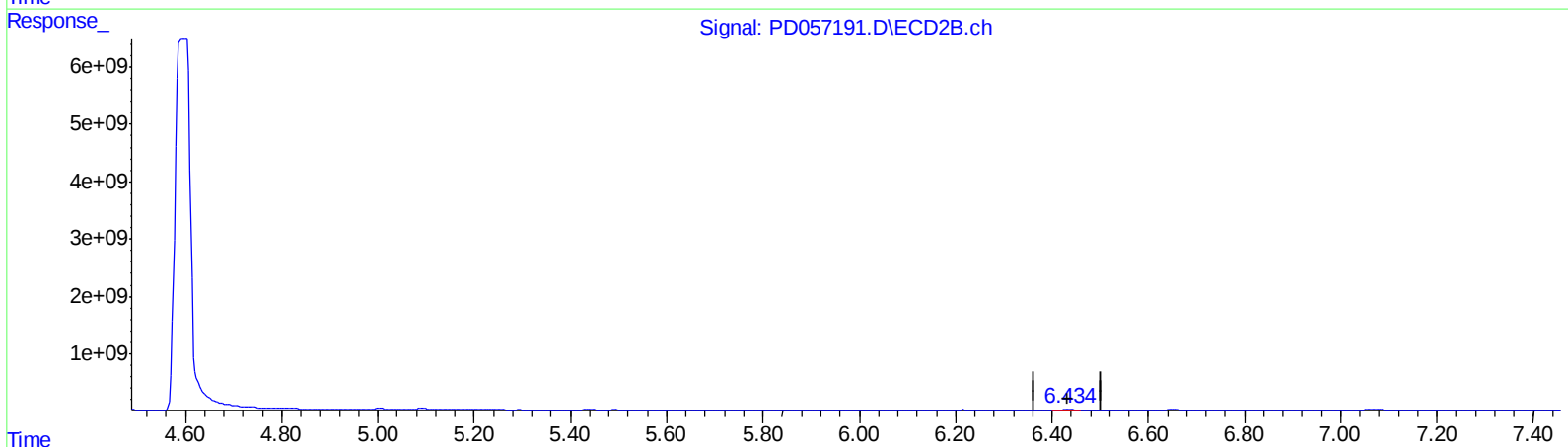
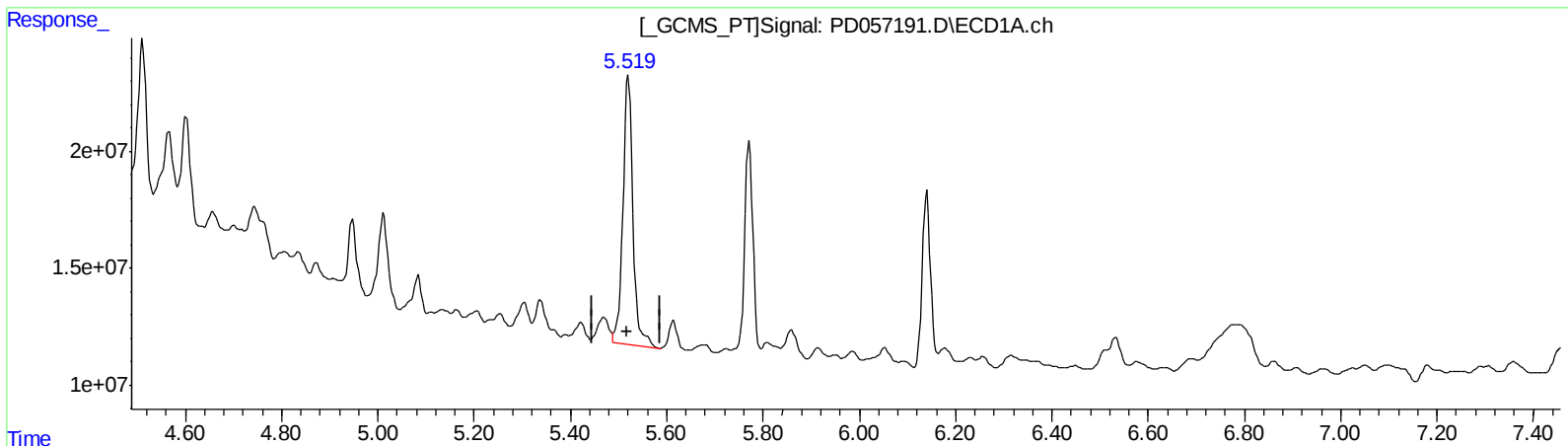
Instrument :
ECD_D
ClientSampleId :
C5B29MS

Manual Integrations
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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



QEdit

(13) Dieldrin (MA)
5.520min 159.741 ng/ml
response 168134952

(13) Dieldrin #2 (MA)
6.435min 68.501 ng/ml
response 184246012

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2020 15:55
Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

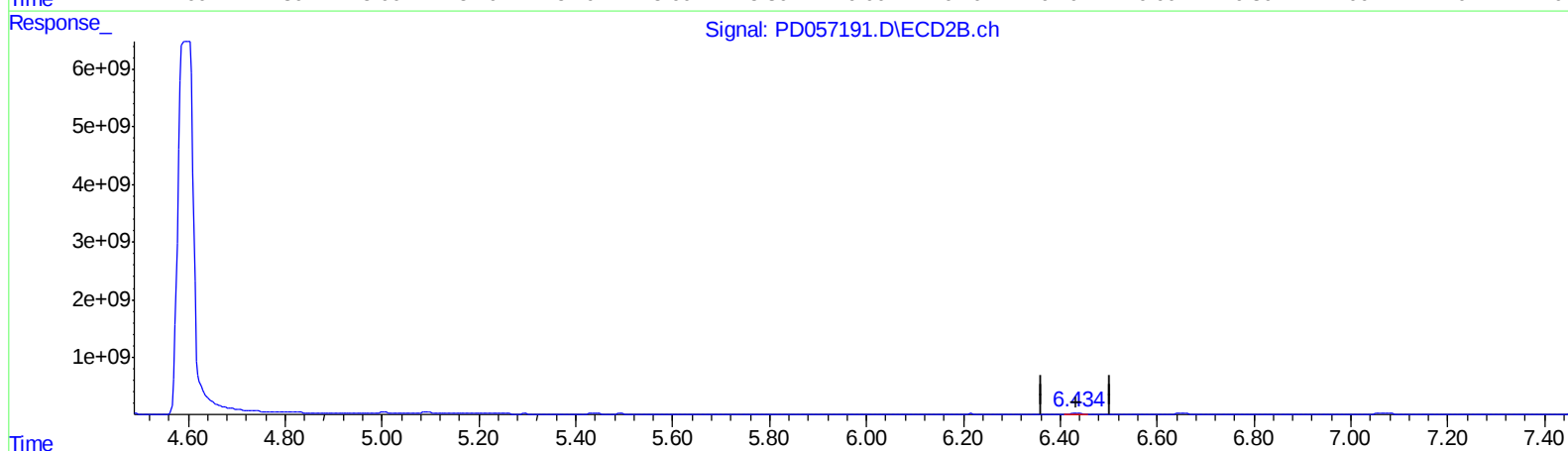
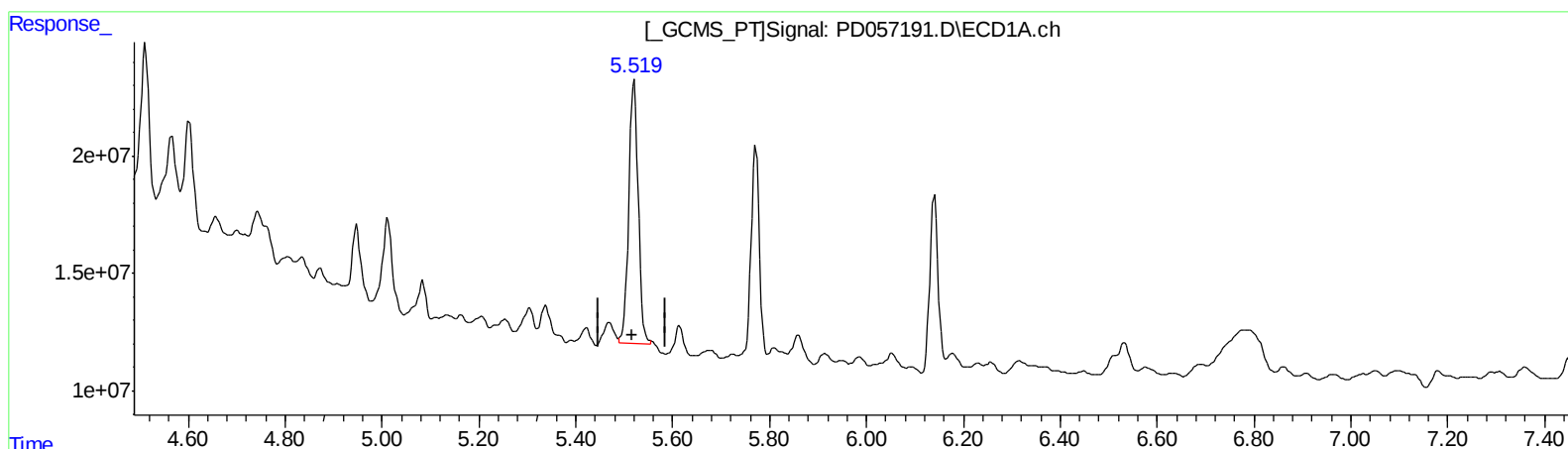
Instrument :
ECD_D
ClientSampleId :
C5B29MS

Manual Integrations
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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



QEdit

(13) Dieldrin (MA)
5.519min 144.897 ng/ml m
response 152511477

(13) Dieldrin #2 (MA)
6.434min 82.377 ng/ml m
response 221568843

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2020 15:55
Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

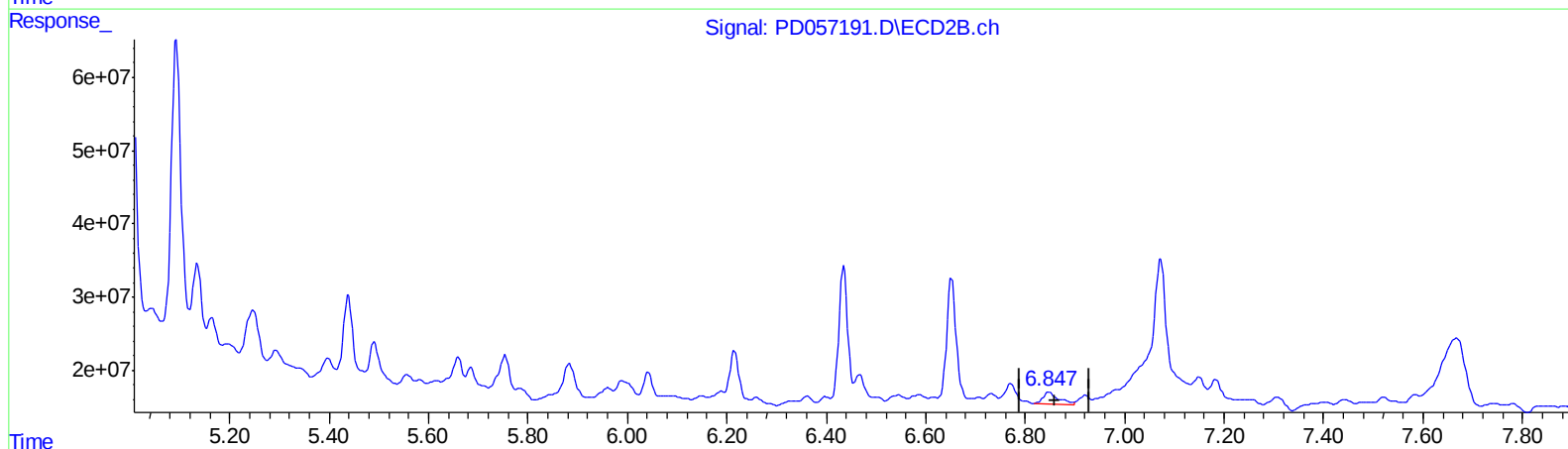
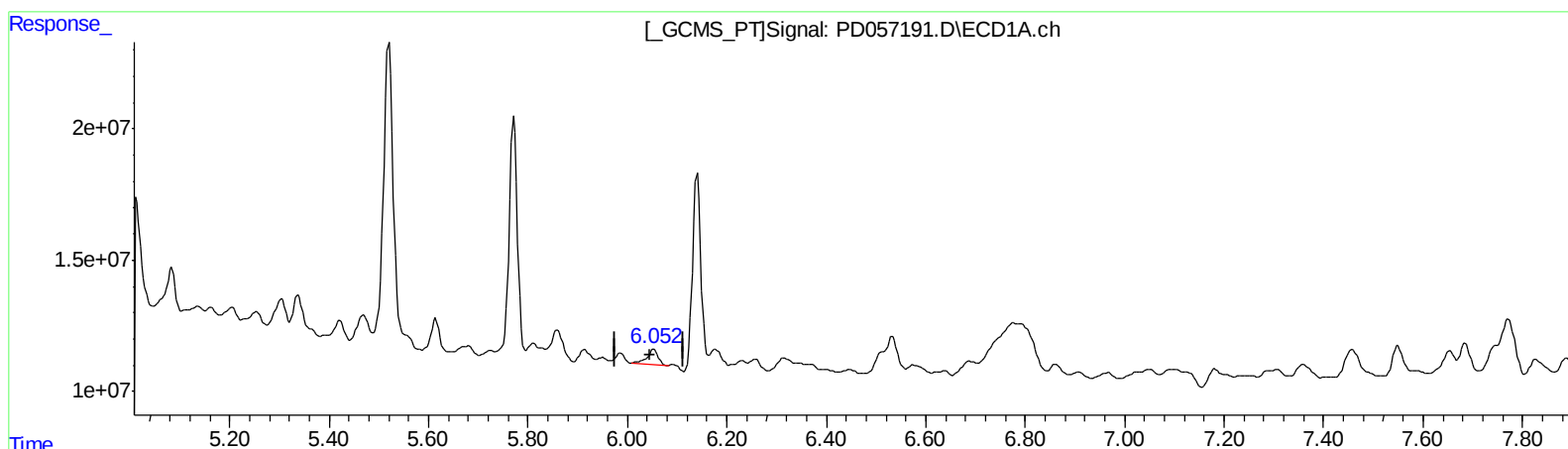
Instrument :
ECD_D
ClientSampleId :
C5B29MS

Manual Integrations
APPROVED

mohammad
2/14/2020 2:52:35 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



QEdit

(15) Endosulfan II (B)
6.053min 9.714 ng/ml
response 9256602

(15) Endosulfan II #2 (B)
6.848min 15.164 ng/ml
response 35511634

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
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Acq On : 11 Feb 2020 15:55
Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

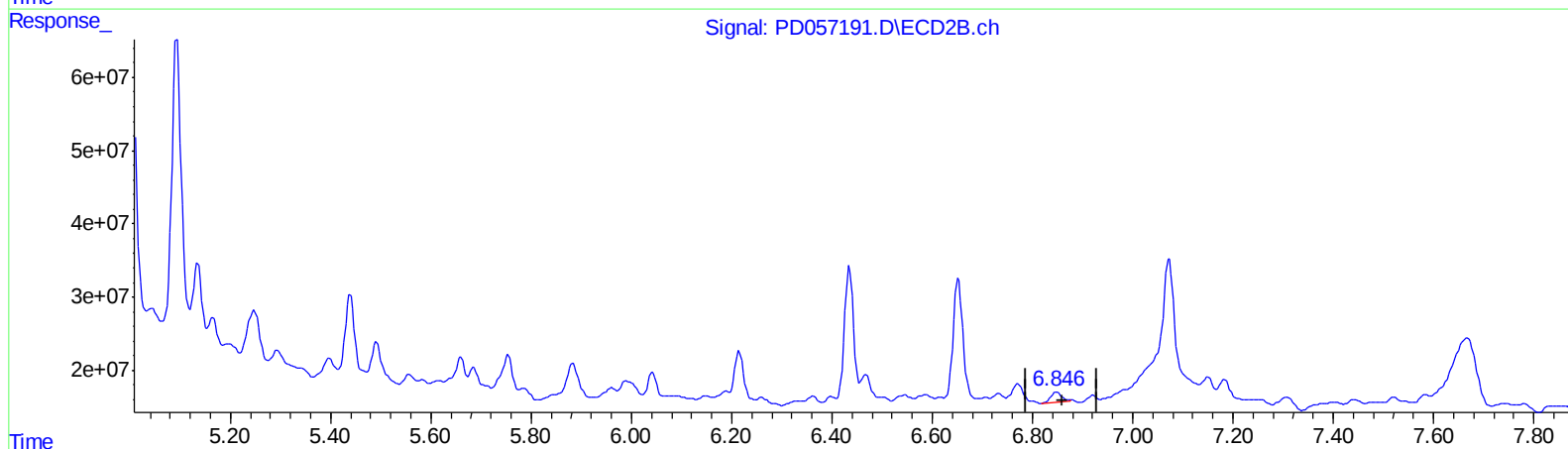
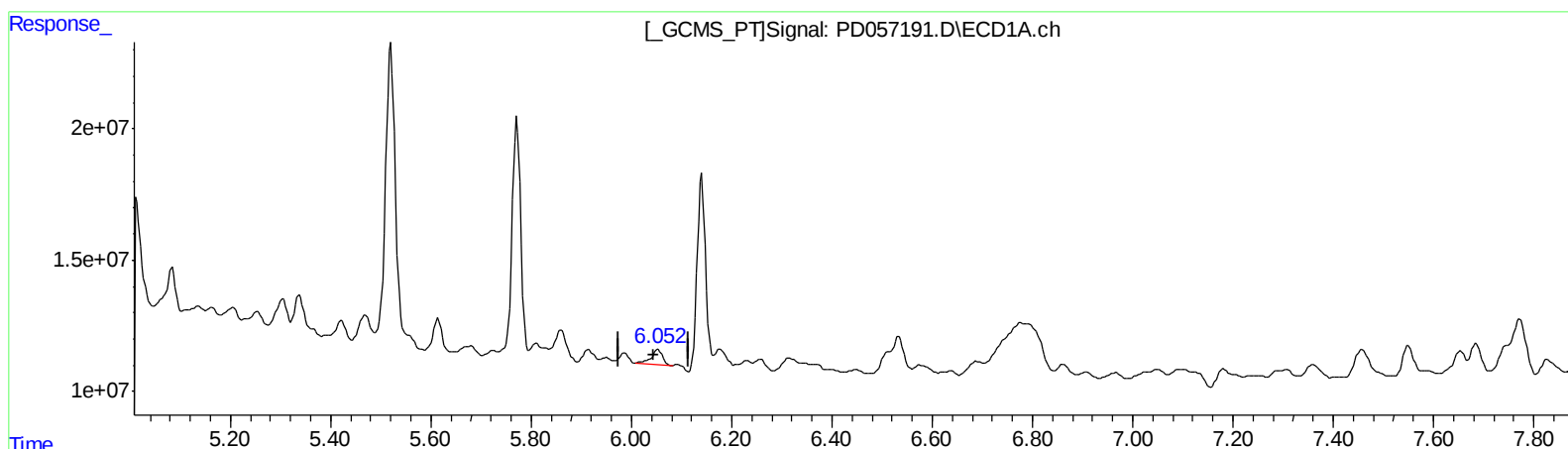
Instrument :
ECD_D
ClientSampleId :
C5B29MS

Manual Integrations
APPROVED

mohammad
2/14/2020 2:52:35 PM

Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021020CLP.M
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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)
6.053min 9.714 ng/ml
response 9256602

(15) Endosulfan II #2 (B)
6.846min 8.826 ng/ml m
response 20669337

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
Data File : PD057191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2020 15:55
Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

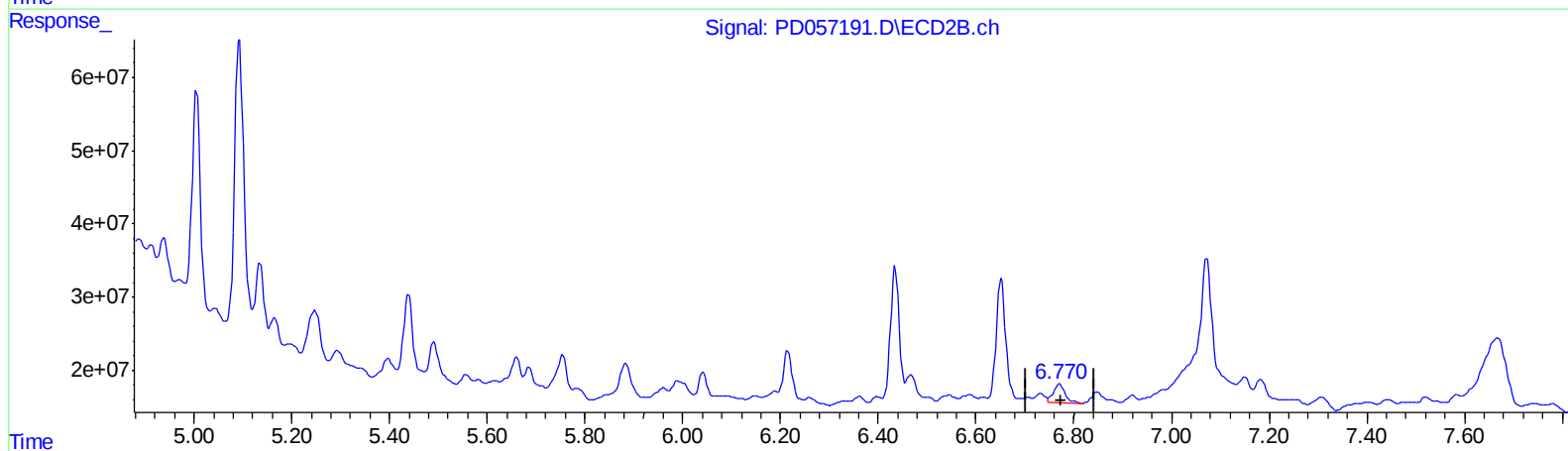
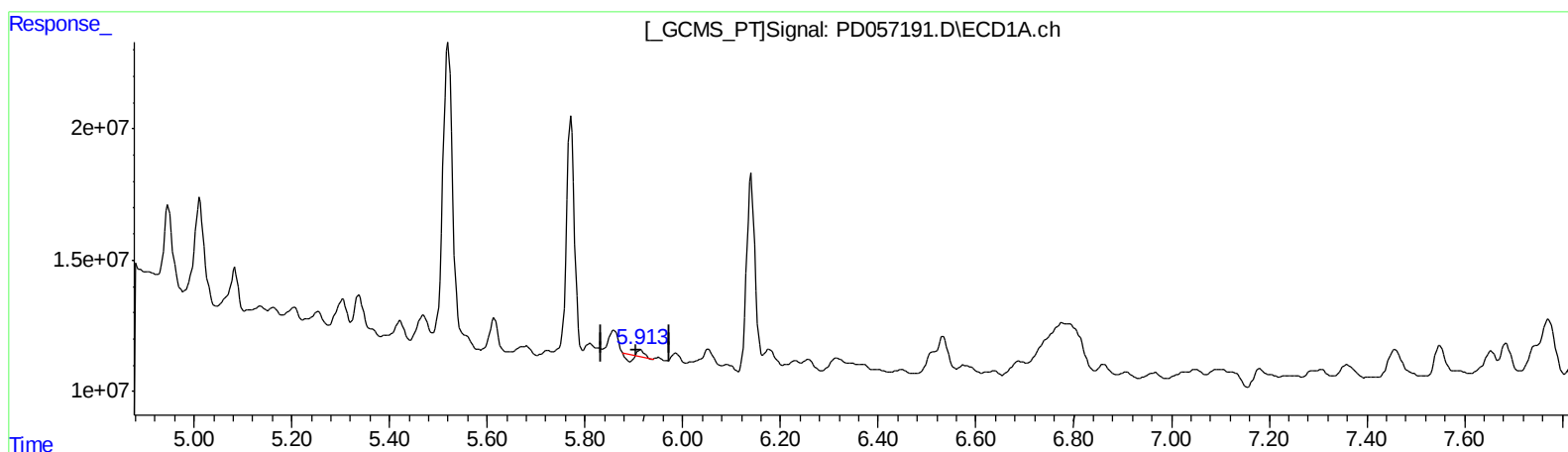
Instrument :
ECD_D
ClientSampleId :
C5B29MS

Manual Integrations
APPROVED

mohammad
2/14/2020 2:52:35 PM

Integration File signal 1: autoint1.e
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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)
5.914min 0.258 ng/ml
response 178475

(16) 4,4'-DDD #2 (A)
6.771min 20.521 ng/ml
response 42309886

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
Data File : PD057191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2020 15:55
Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

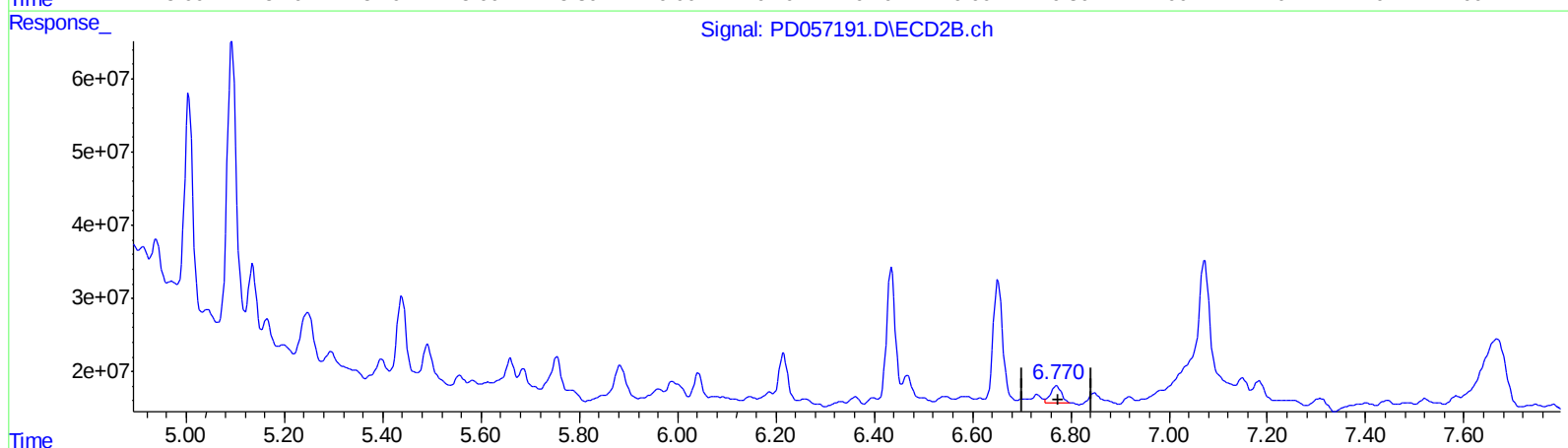
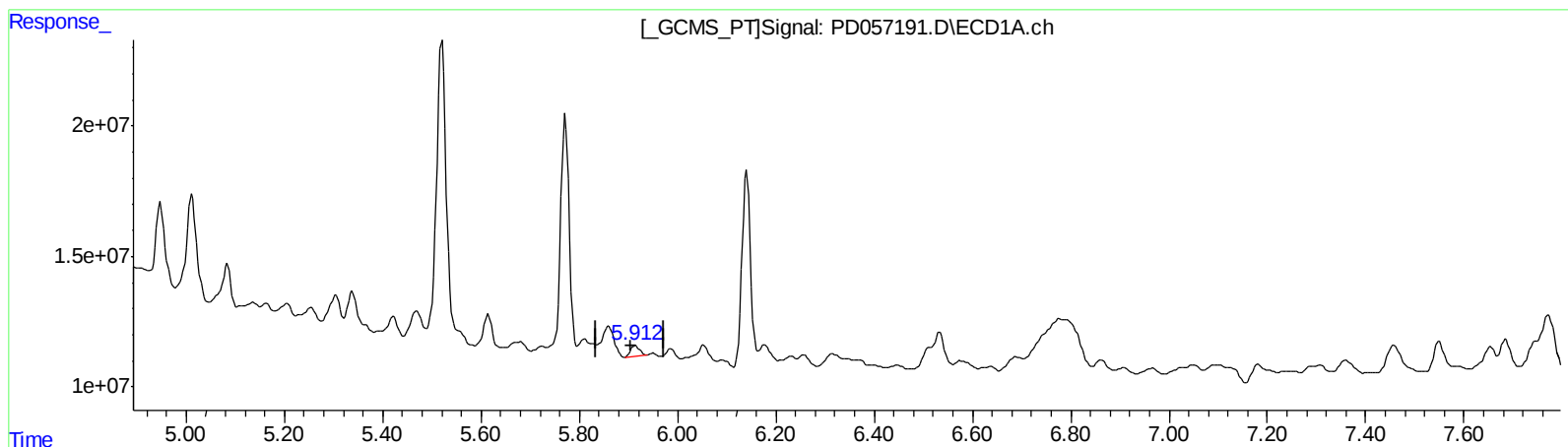
Instrument :
ECD_D
ClientSampleId :
C5B29MS

Manual Integrations
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mohammad
2/14/2020 2:52:35 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



QEdit

(16) 4,4'-DDD (A)
5.912min 7.992 ng/ml m
response 5536472

(16) 4,4'-DDD #2 (A)
6.770min 17.899 ng/ml m
response 36904629

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
Data File : PD057191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2020 15:55
Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

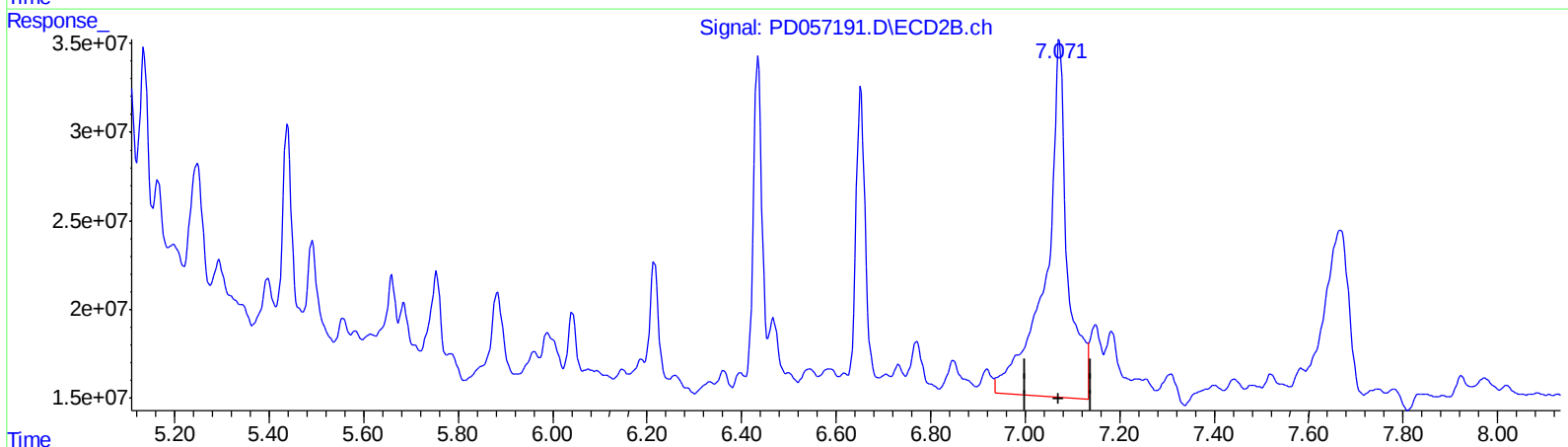
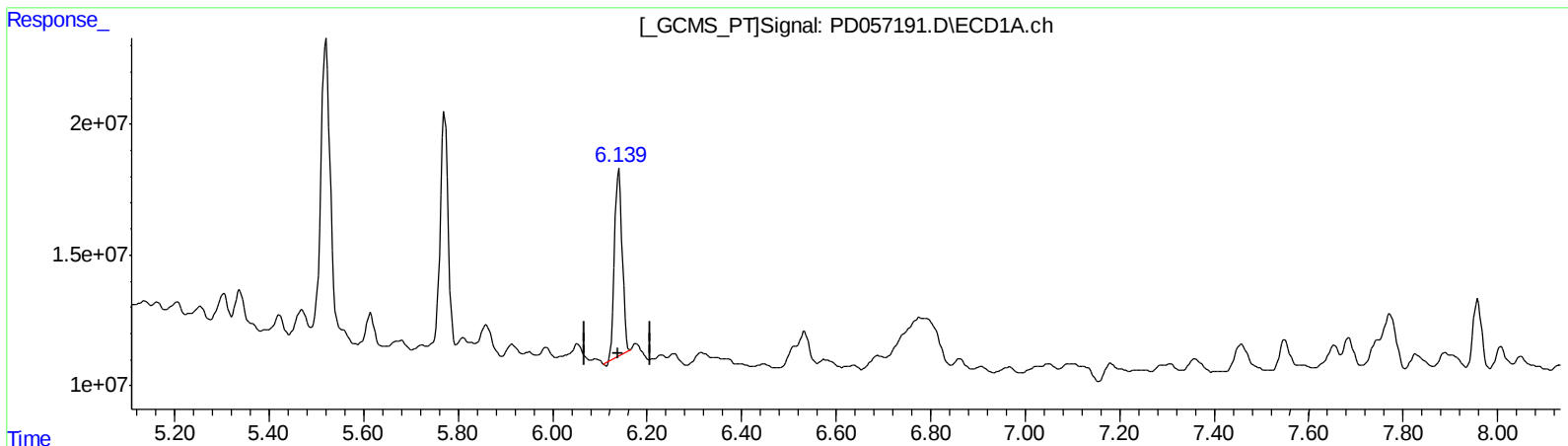
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Manual Integrations
APPROVED

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



QEdit

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

6.140min 123.656 ng/ml

response 80466216

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

7.073min 339.388 ng/ml

response 644371642

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
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Misc :
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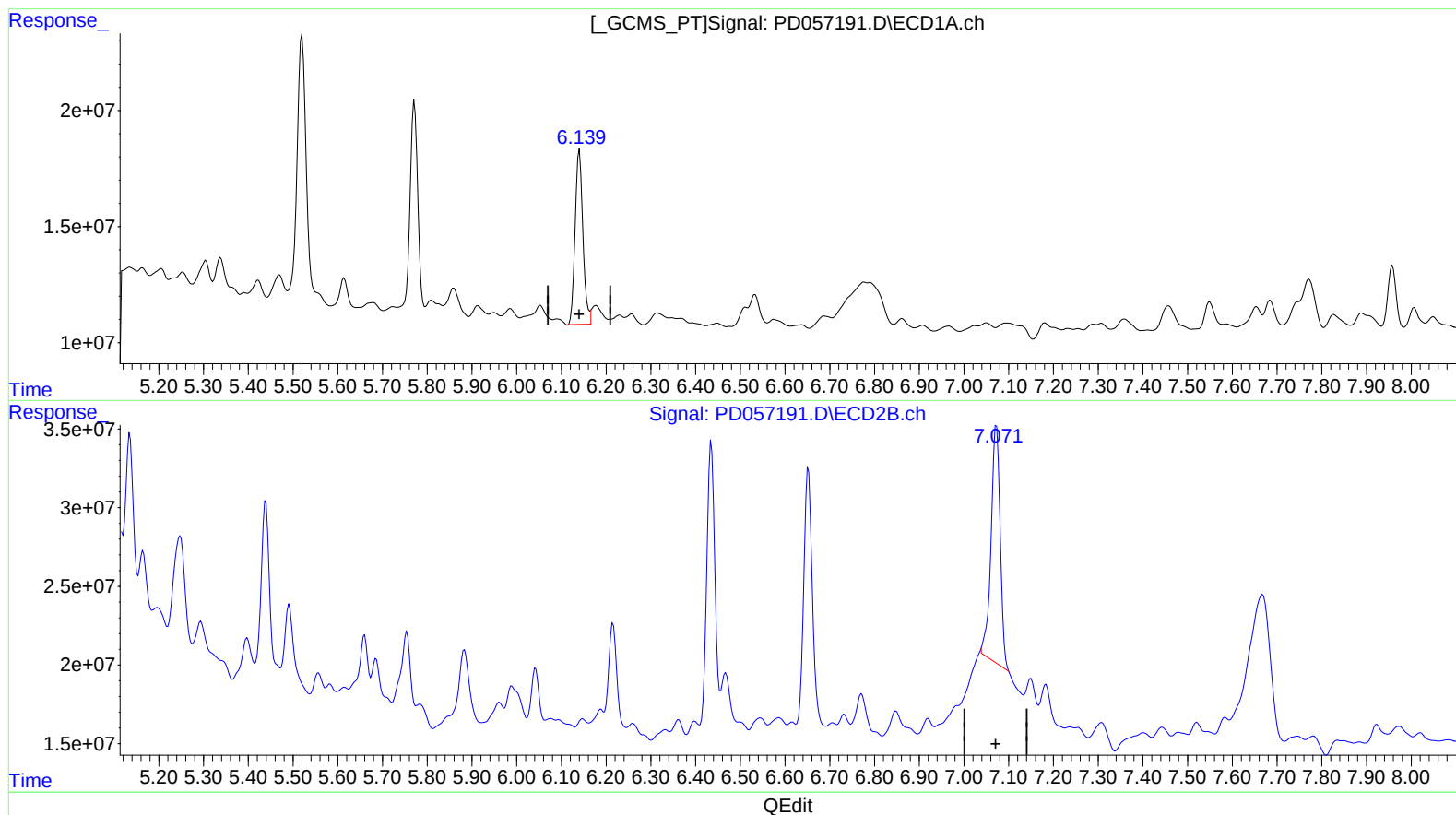
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ECD_D
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Manual Integrations
APPROVED

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2/14/2020 2:52:35 PM

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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



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

6.139min 139.967 ng/ml m

response 91080283

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

7.071min 112.341 ng/ml m

response 213294019

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
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Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

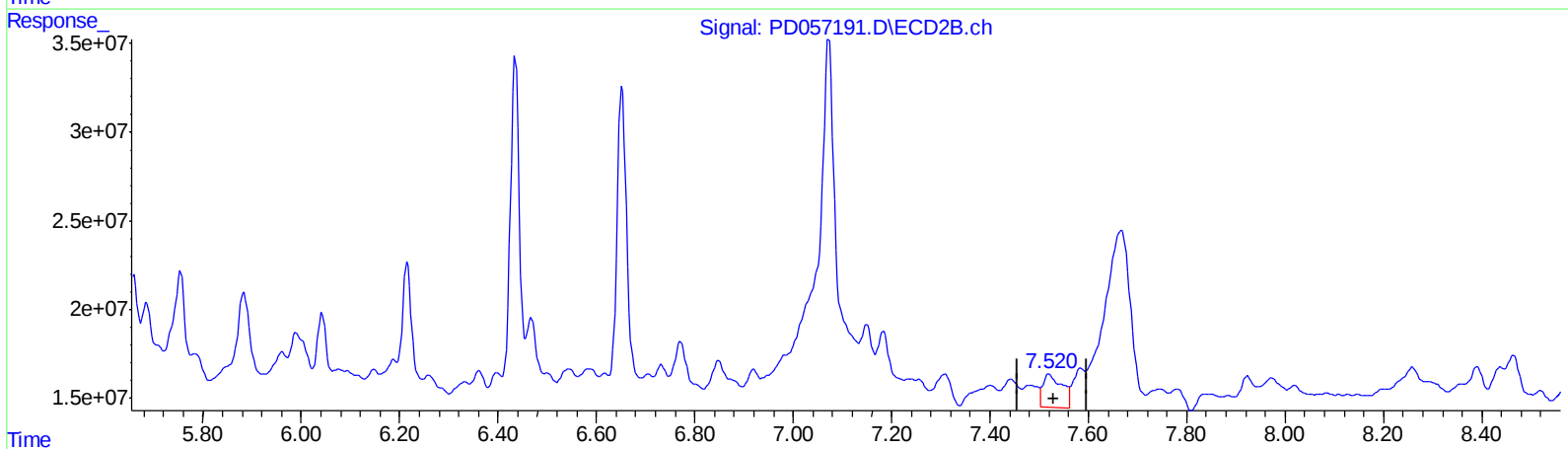
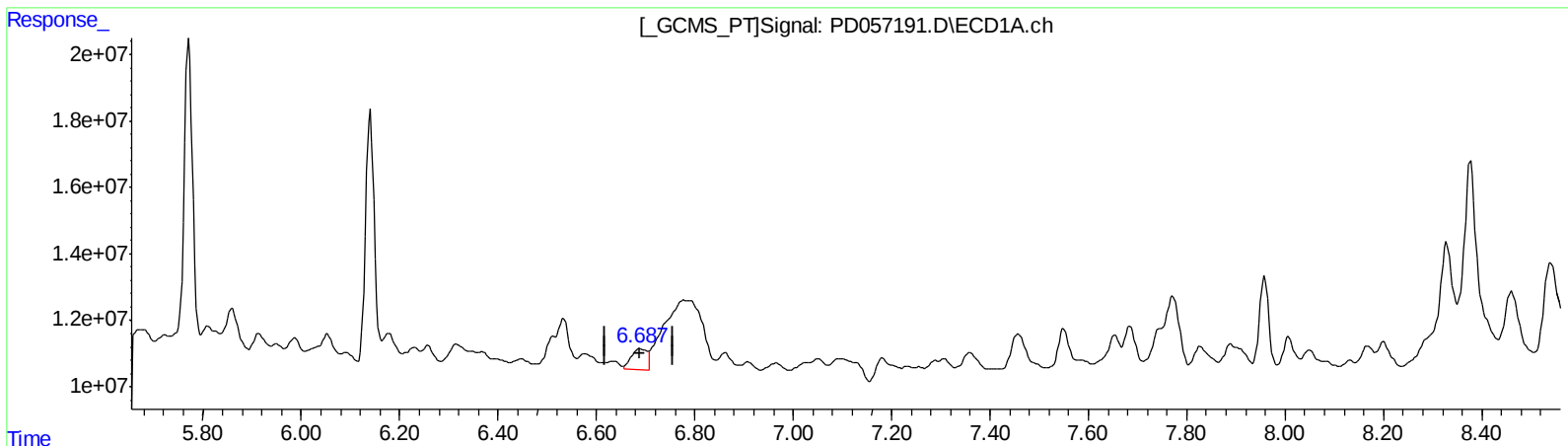
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(20) Methoxychlor (A)

6.688min 47.133 ng/ml

response 13196009

(20) Methoxychlor #2 (A)

7.521min 57.579 ng/ml

response 51945935

(+) = Expected Retention Time

PD021020CLP.M Thu Feb 13 07:21:47 2020

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
Data File : PD057191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2020 15:55
Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

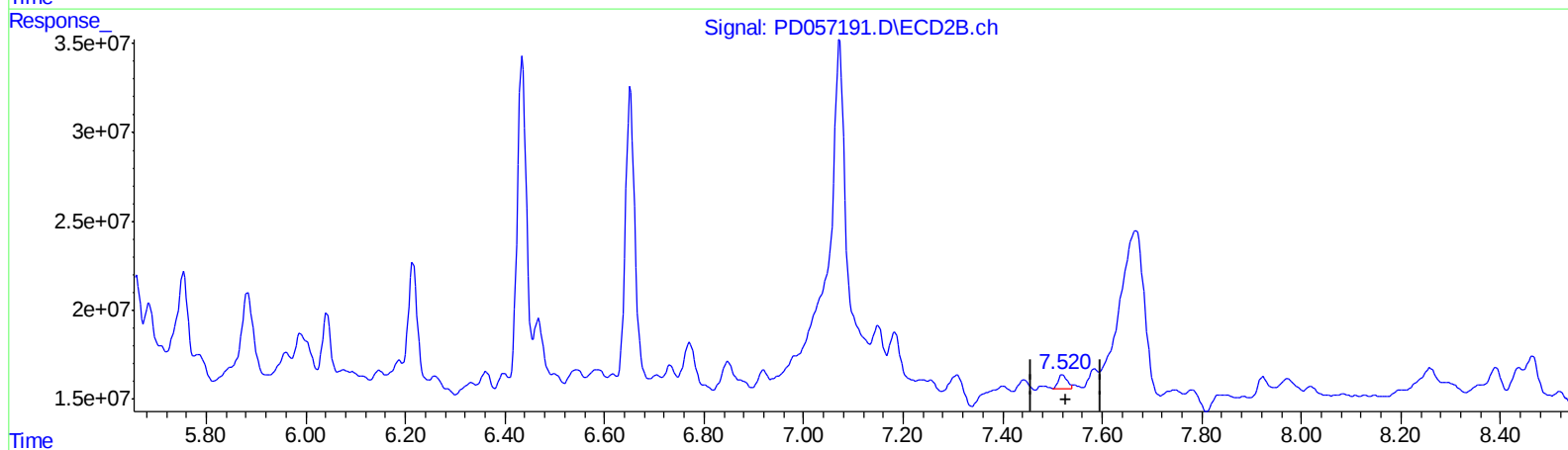
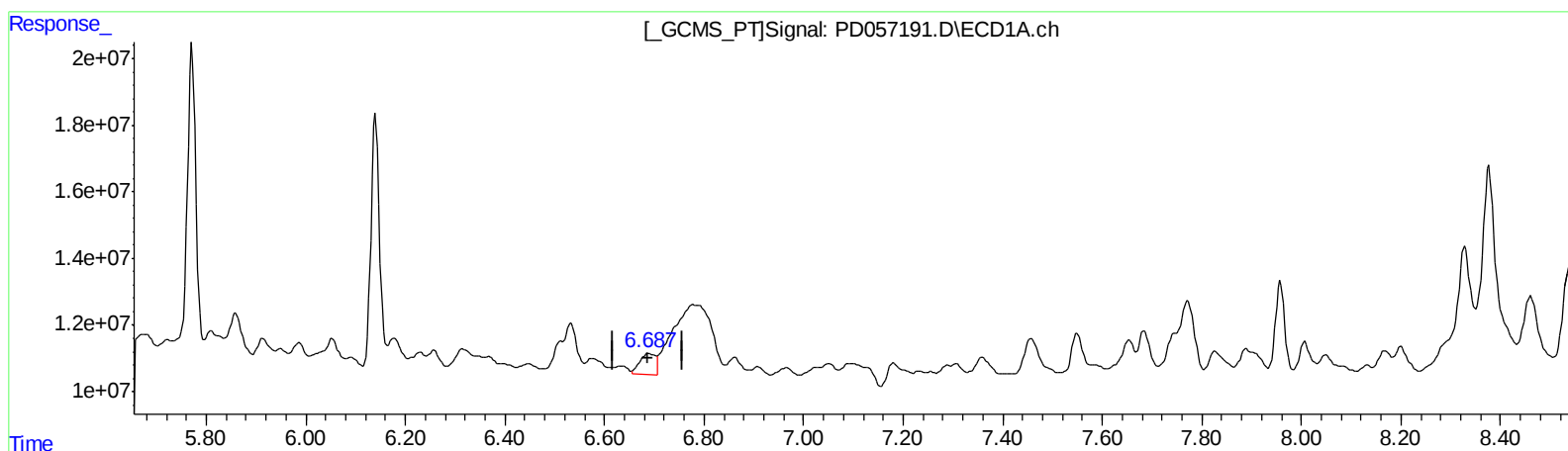
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Manual Integrations
APPROVED

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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

(20) Methoxychlor (A)

6.688min 47.133 ng/ml

response 13196009

(20) Methoxychlor #2 (A)

7.519min 10.479 ng/ml m

response 9454137

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
Data File : PD057191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : L1424-20MS
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ALS Vial : 7 Sample Multiplier: 1

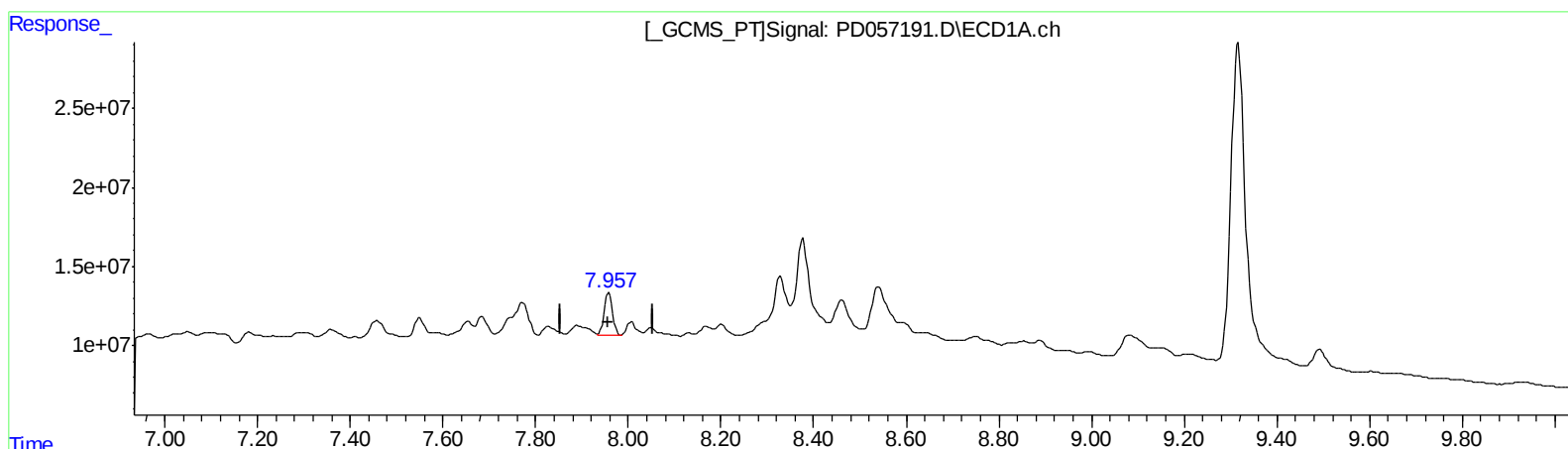
Instrument :
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Manual Integrations
APPROVED

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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



(27) Decachlorobiphenyl (SA)

7.958min 32.274 ng/ml

response 33481846

(27) Decachlorobiphenyl #2 (SA)

8.998min 26.720 ng/ml

response 60403448

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
Data File : PD057191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AJ\MA
Sample : L1424-20MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

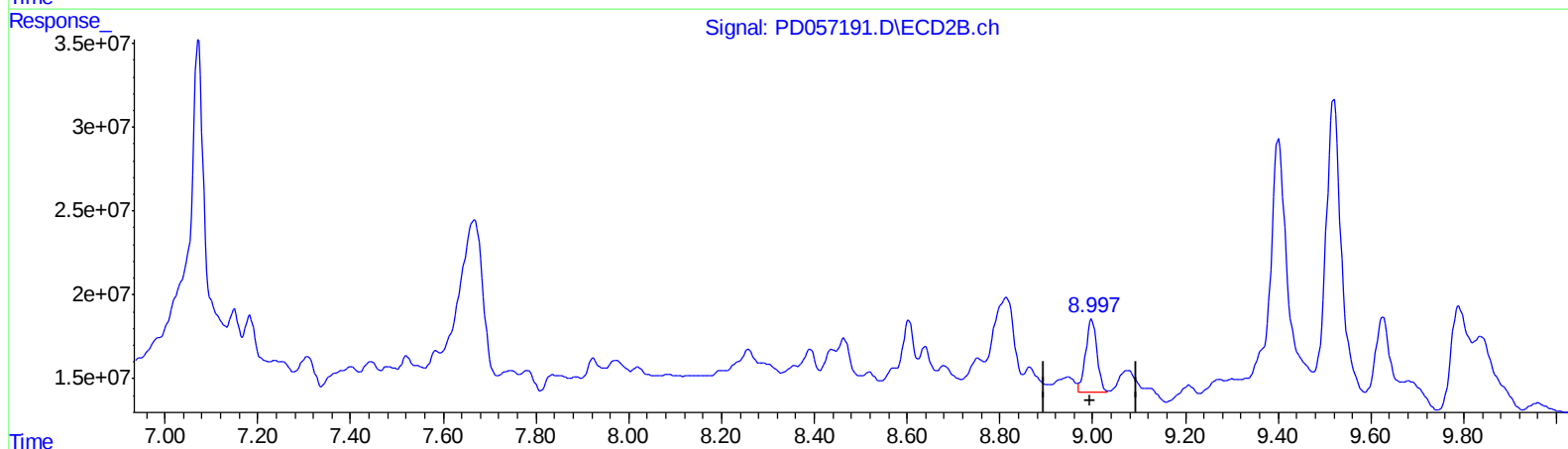
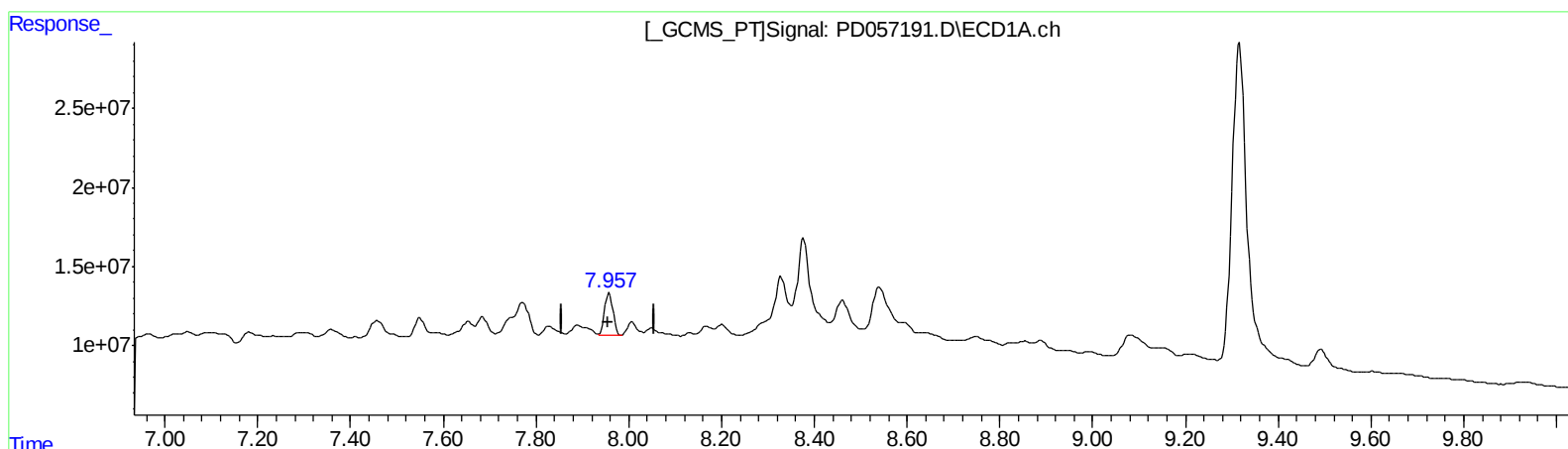
Instrument :
ECD_D
ClientSampleId :
C5B29MS

Manual Integrations
APPROVED

mohammad
2/14/2020 2:52:35 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 02:49:38 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021020CLP.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 04:58:40 2020
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



(27) Decachlorobiphenyl (SA)

7.958min 32.274 ng/ml

response 33481846

(27) Decachlorobiphenyl #2 (SA)

8.997min 32.422 ng/ml m

response 73293441

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
 Data File : PD057191.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2020 15:55
 Operator : AJ\MA
 Sample : L1424-20MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C5B29MS

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.302	3.935f	14072.4E6	26859.8E6	16940.311	14413.626m
27) SA Decachlor...	7.958	8.997	33481846	73293441	32.274	32.422m
Target Compounds						
4) MA Heptachlor	4.265	5.134	224.2E6	101.8E6	293.109m	43.702m#
5) MB Aldrin	4.511	5.438	65880563	125.1E6	58.006	45.261m
13) MA Dieldrin	5.519	6.434	152.5E6	221.6E6	144.897m	82.377m#
14) MA Endrin	5.772	6.652	103.8E6	223.4E6	118.159	106.145
15) B Endosulfa...	6.053	6.846	9256602	20669337	9.714	8.826m
16) A 4,4'-DDD	5.912	6.770	5536472	36904629	7.992m	17.899m#
17) MA 4,4'-DDT	6.139	7.071	91080283	213.3E6	139.967m	112.341m
20) A Methoxychlor	6.688	7.519	13196009	9454137	47.133	10.479m#

65
 02/25/20

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