

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

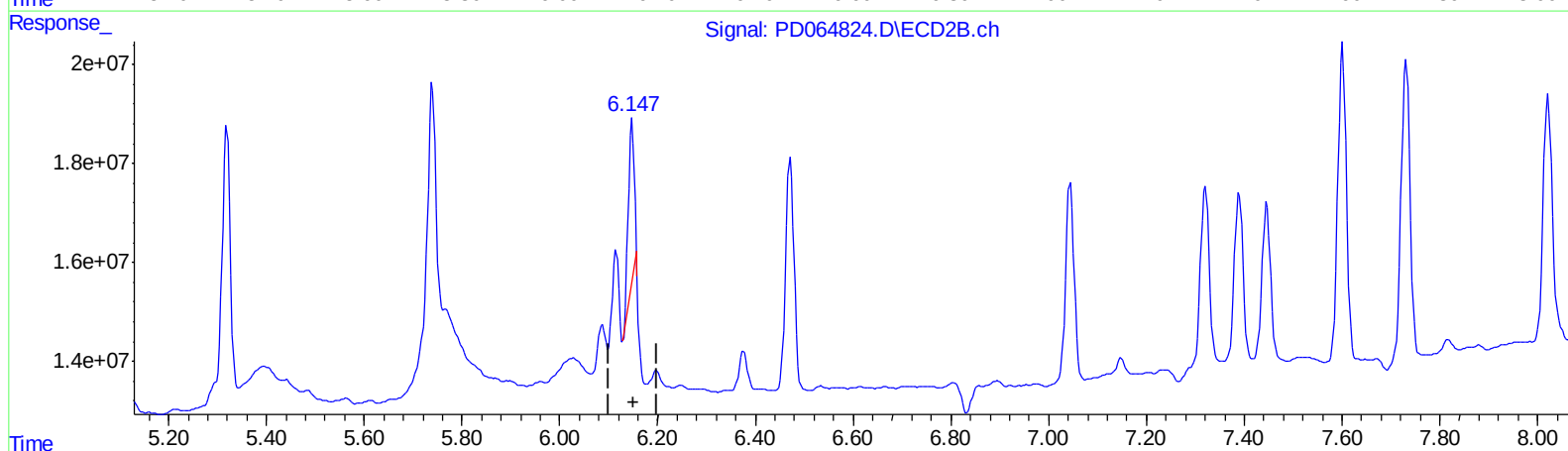
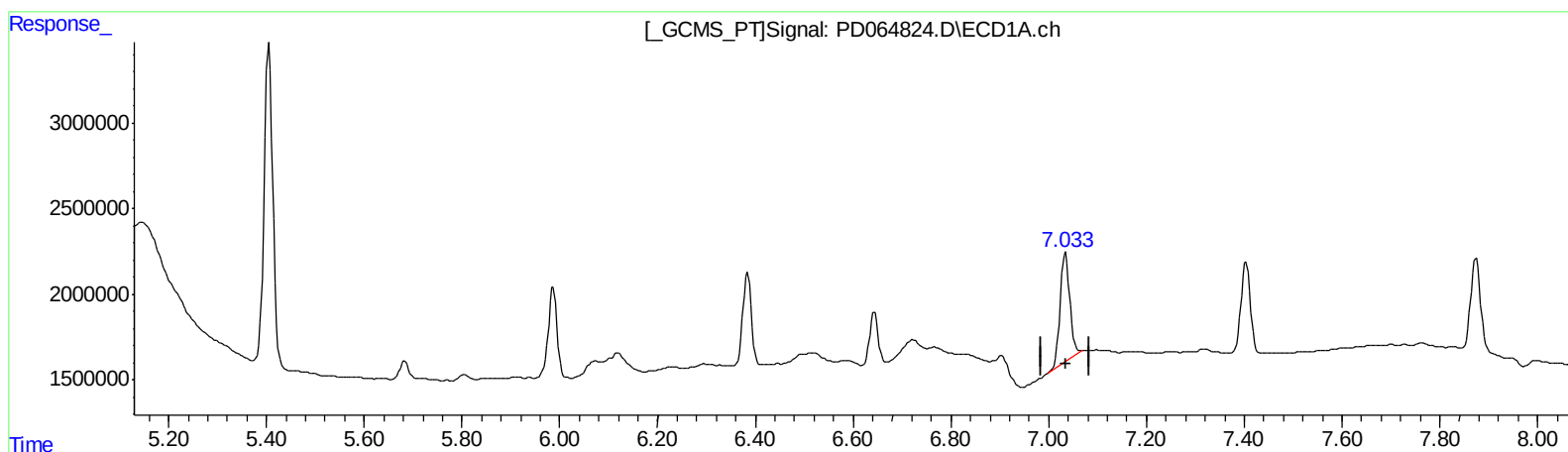
Instrument :
ECD_D
ClientSampleId :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 03:00:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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

(4) Heptachlor (MA)
7.034min 5.268 ng/ml
response 8853905

(4) Heptachlor #2 (MA)
6.148min 2.496 ng/ml
response 28299552

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

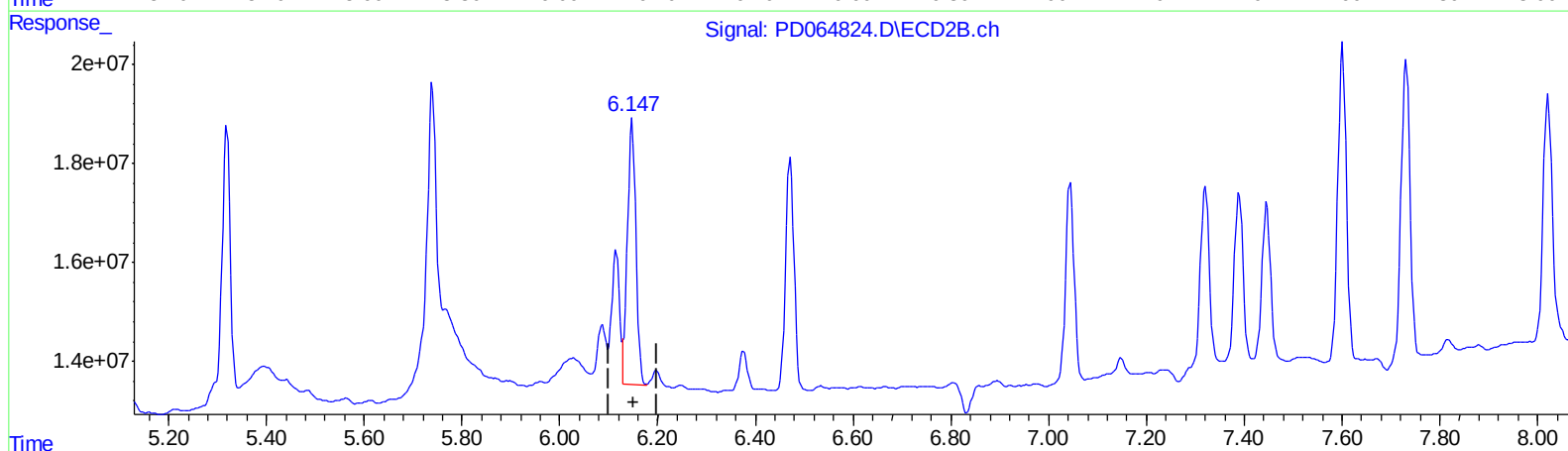
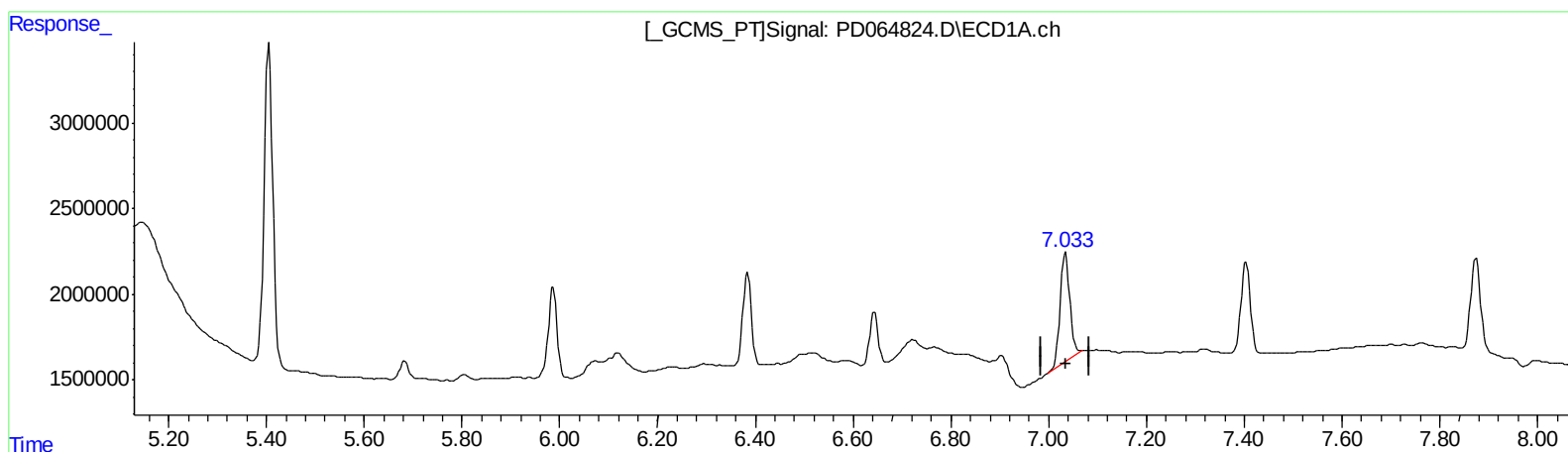
Instrument :
ECD_D
ClientSampleId :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 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



QEdit

(4) Heptachlor (MA)
7.034min 5.268 ng/ml
response 8853905

(4) Heptachlor #2 (MA)
6.147min 5.711 ng/ml m
response 64752238

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

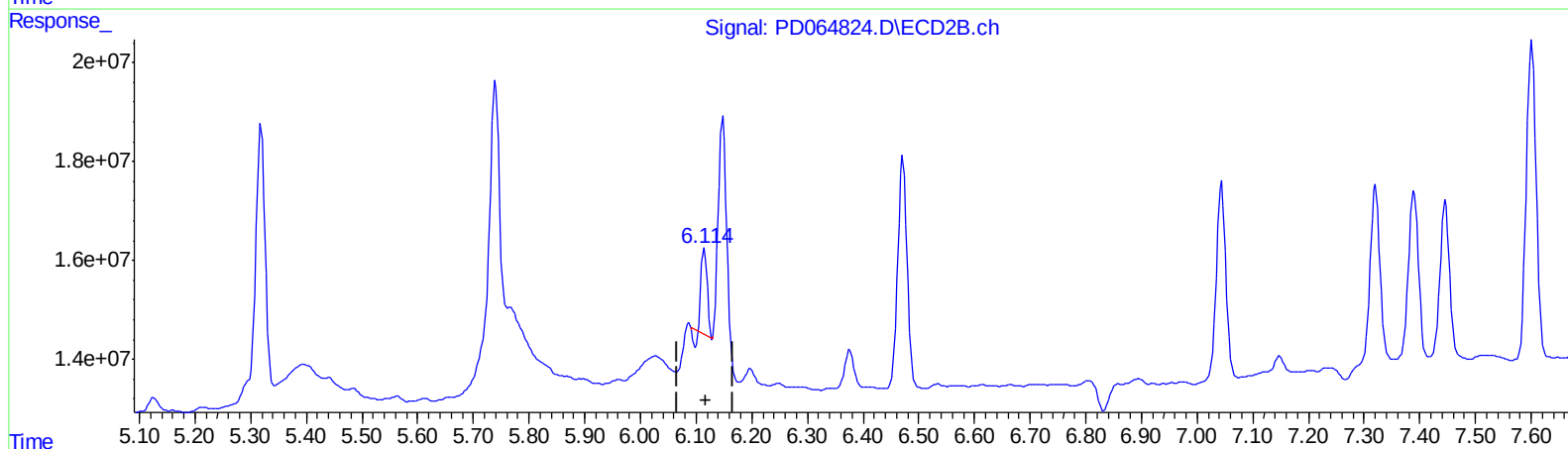
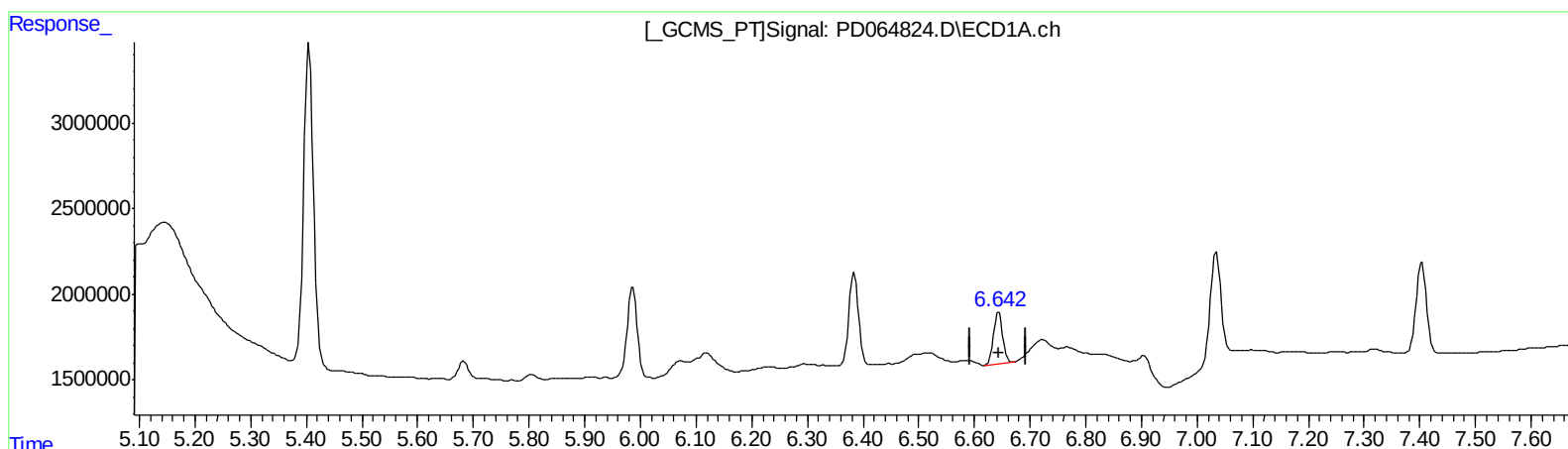
Instrument :
ECD_D
ClientSampleID :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 03:00:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
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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)

6.643min 4.495 ng/ml

response 3506933

(6) beta-BHC #2 (B)

6.116min 1.977 ng/ml

response 11996710

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

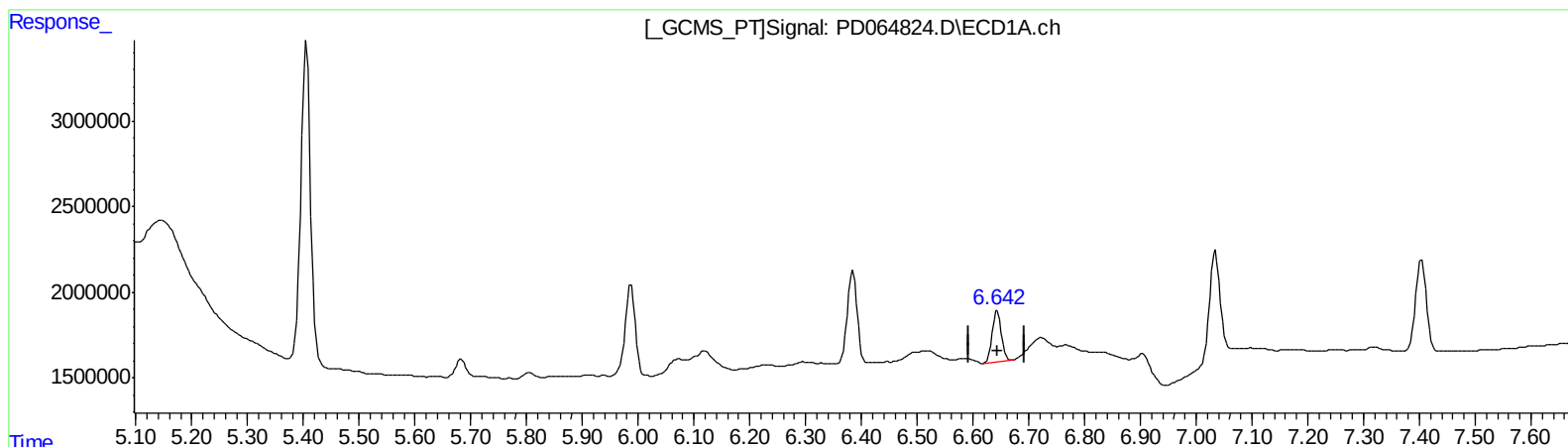
Instrument :
ECD_D
ClientSampled :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 03:00:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.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



(6) beta-BHC (B)

6.643min 4.495 ng/ml

response 3506933

(6) beta-BHC #2 (B)

6.114min 4.970 ng/ml m

response 30153592

QEdit

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

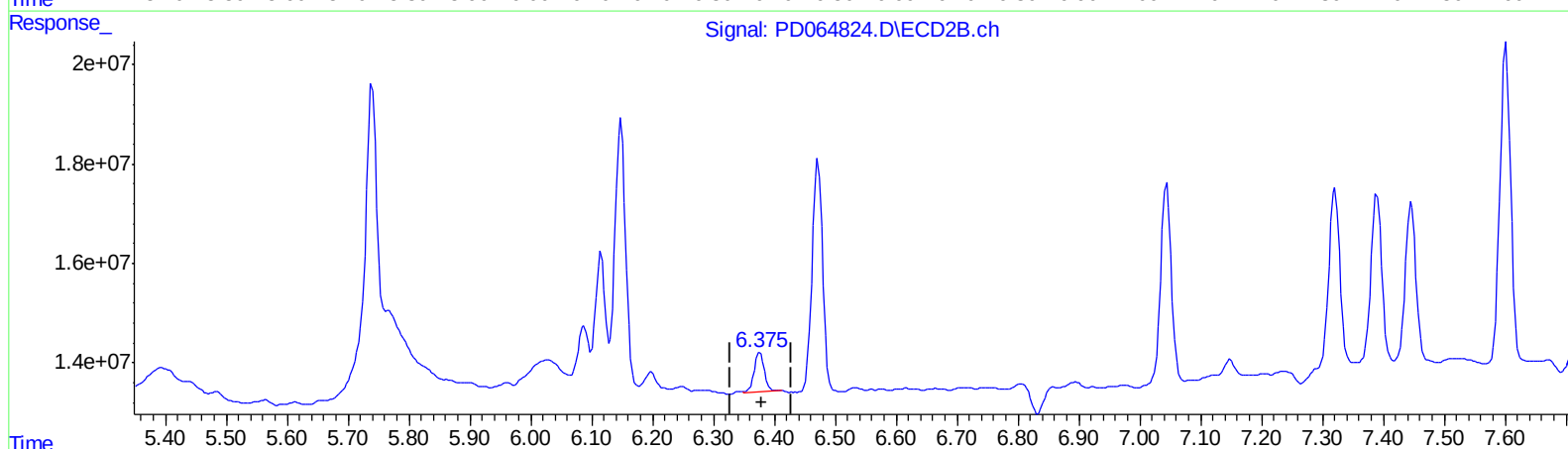
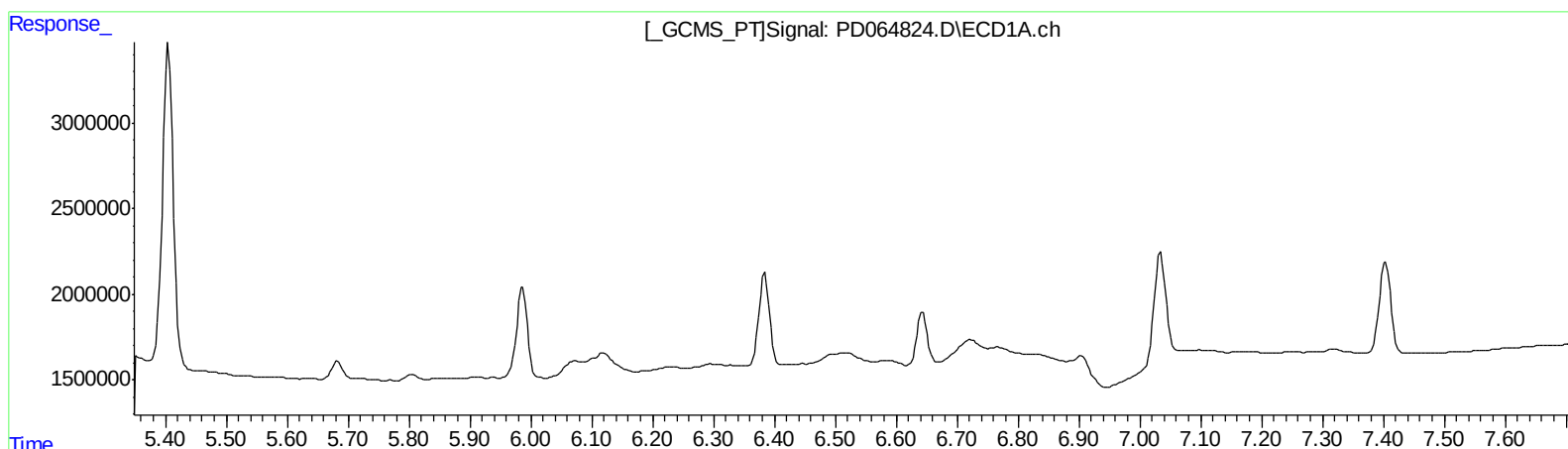
Instrument :
ECD_D
ClientSampleId :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 PM

Integration File signal 1: autoint1.e
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Quant Time: Aug 09 03:00:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.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

(7) delta-BHC (B)
0.000min 0.000 ng/ml
response 0

(7) delta-BHC #2 (B)
6.376min 0.858 ng/ml
response 9318244

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

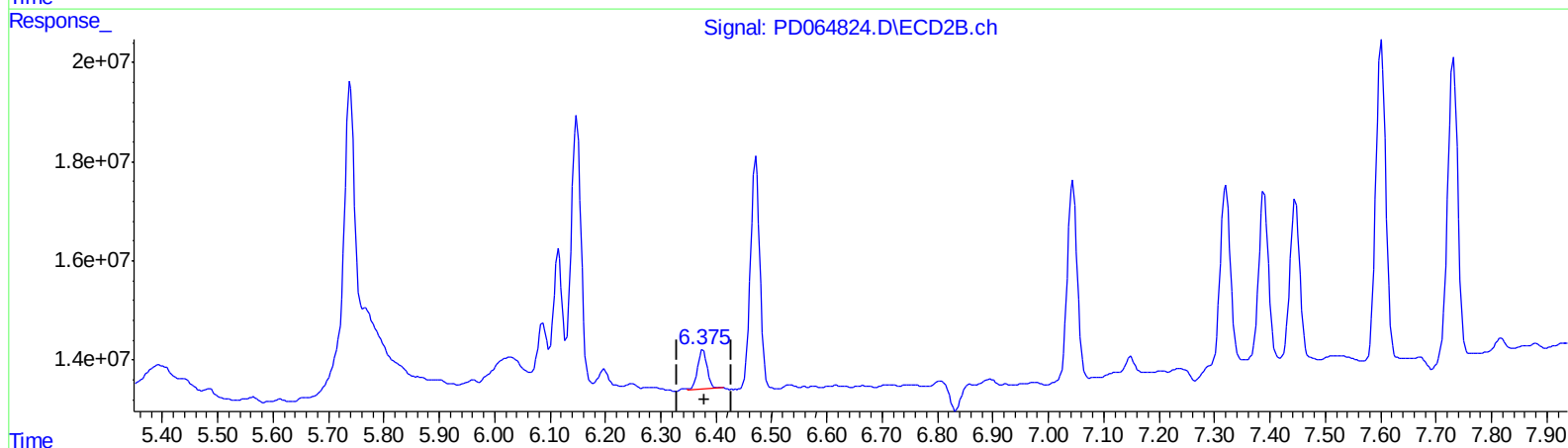
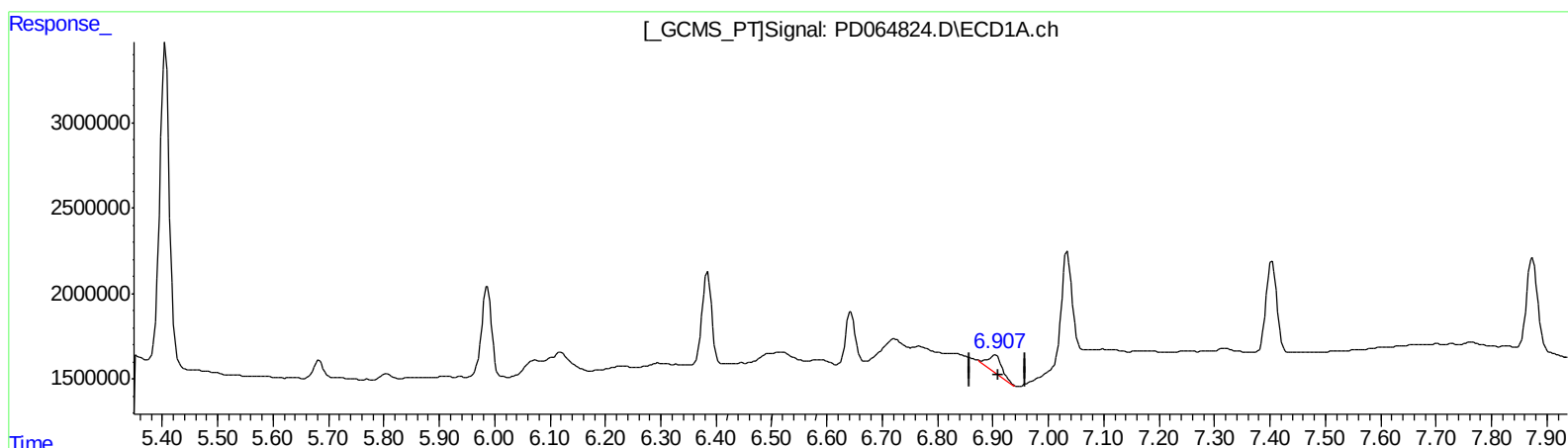
Instrument :
ECD_D
ClientSampleID :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 03:00:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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

(7) delta-BHC (B)
6.907min 1.014 ng/ml m
response 1764434

(7) delta-BHC #2 (B)
6.376min 0.858 ng/ml
response 9318244

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

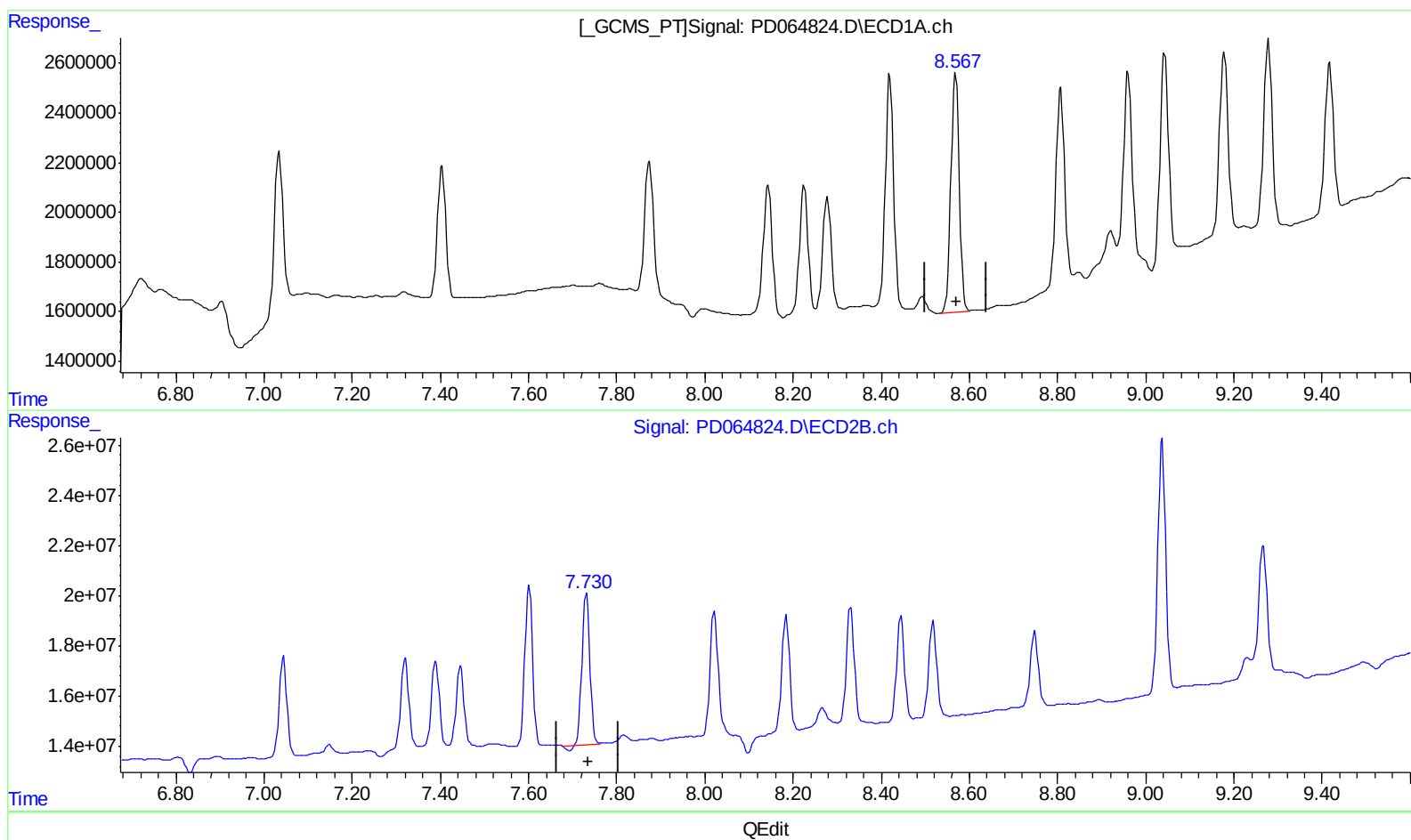
Instrument :
ECD_D
ClientSampled :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 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



(13) Dieldrin (MA)
8.569min 8.502 ng/ml
response 12679519

(13) Dieldrin #2 (MA)
7.731min 9.253 ng/ml
response 74319286

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

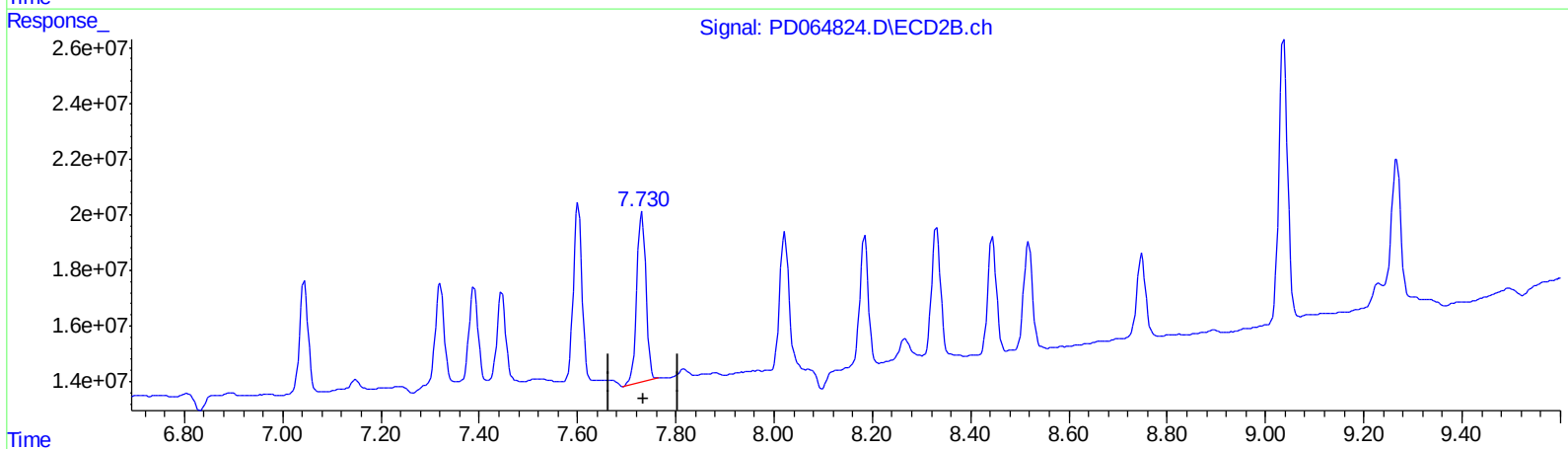
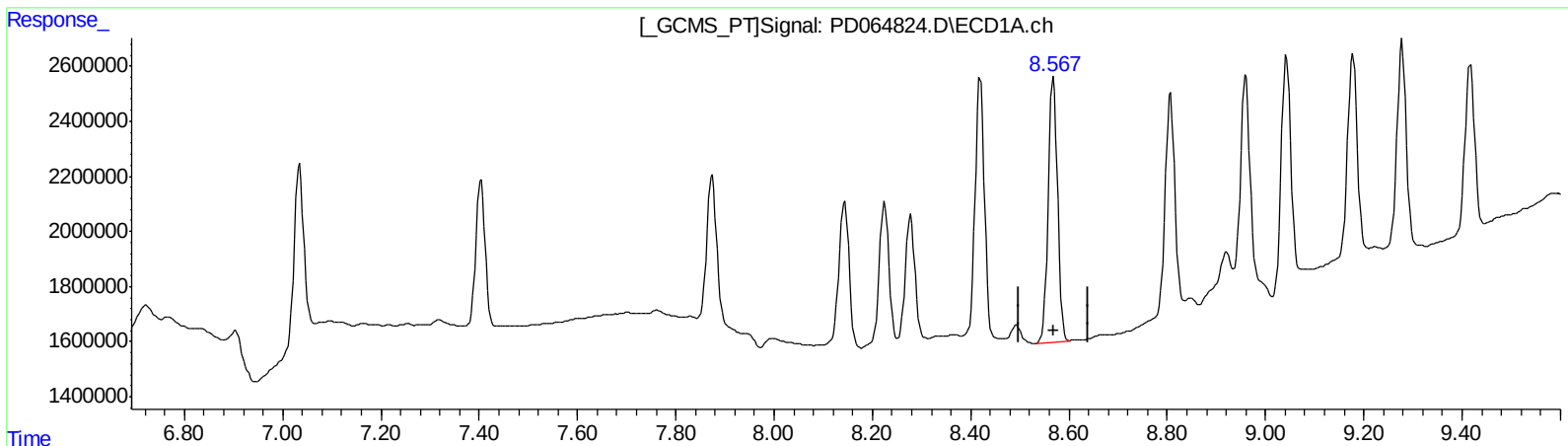
Instrument :
ECD_D
ClientSampled :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 PM

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)
8.569min 8.502 ng/ml
response 12679519

(13) Dieldrin #2 (MA)
7.730min 9.838 ng/ml m
response 79013116

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

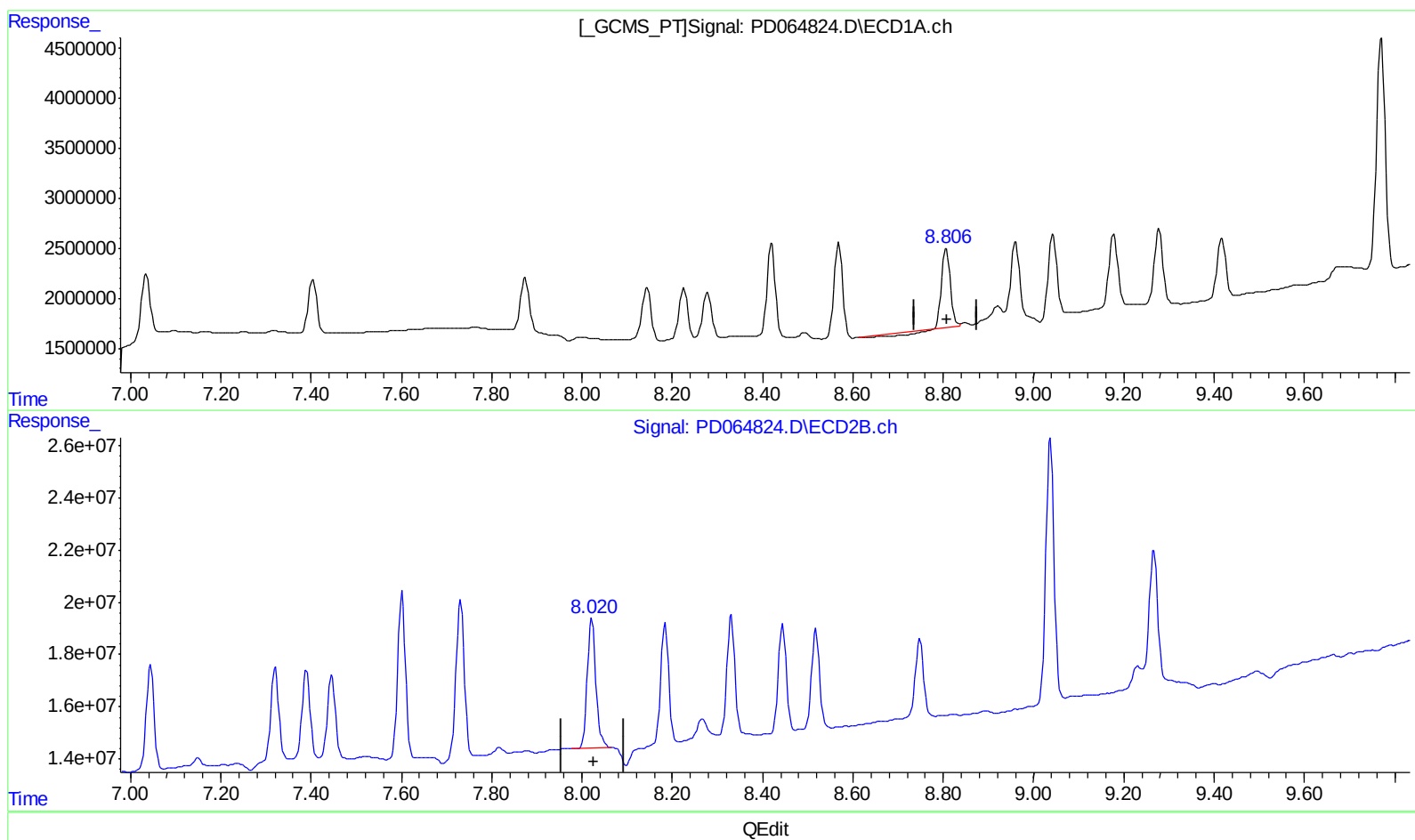
Instrument :
ECD_D
ClientSampleId :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 PM

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



(14) Endrin (MA)
8.807min 7.523 ng/ml
response 9632183

(14) Endrin #2 (MA)
8.022min 11.425 ng/ml
response 65629387

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

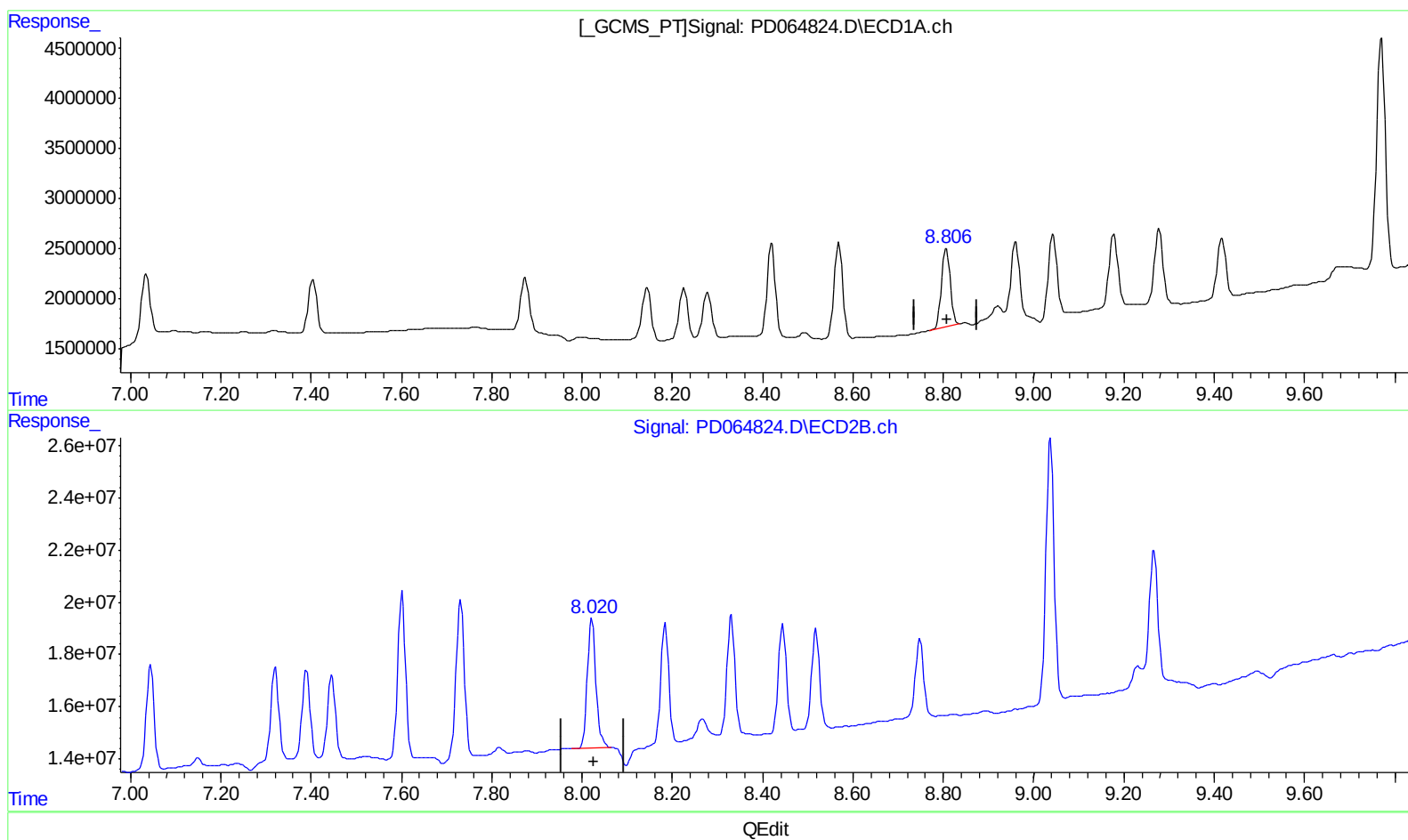
Instrument :
ECD_D
ClientSampleId :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 PM

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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



(14) Endrin (MA)

8.806min 8.293 ng/ml m

response 10618630

(14) Endrin #2 (MA)

8.022min 11.425 ng/ml

response 65629387

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
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Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

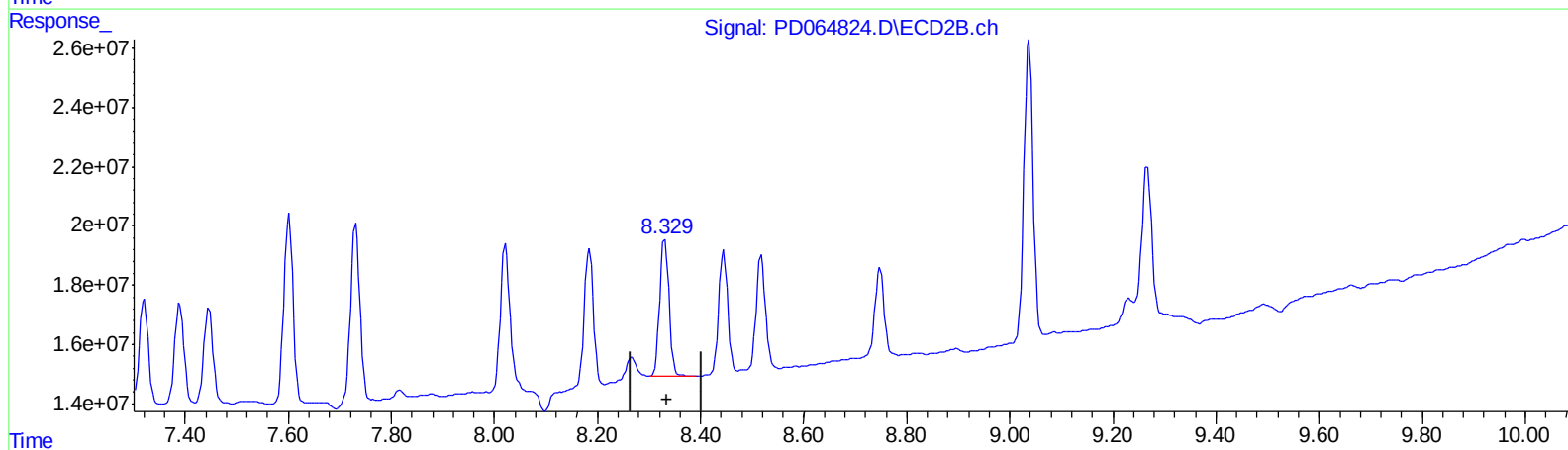
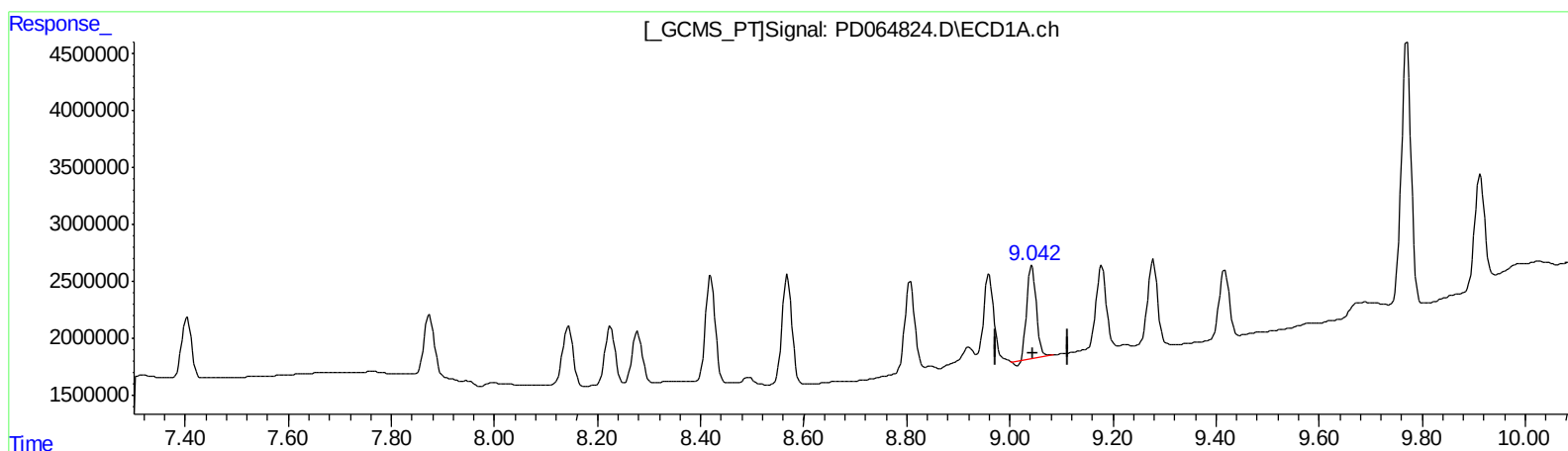
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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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)
9.043min 8.026 ng/ml
response 10421929

(15) Endosulfan II #2 (B)
8.331min 9.952 ng/ml
response 57448782

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

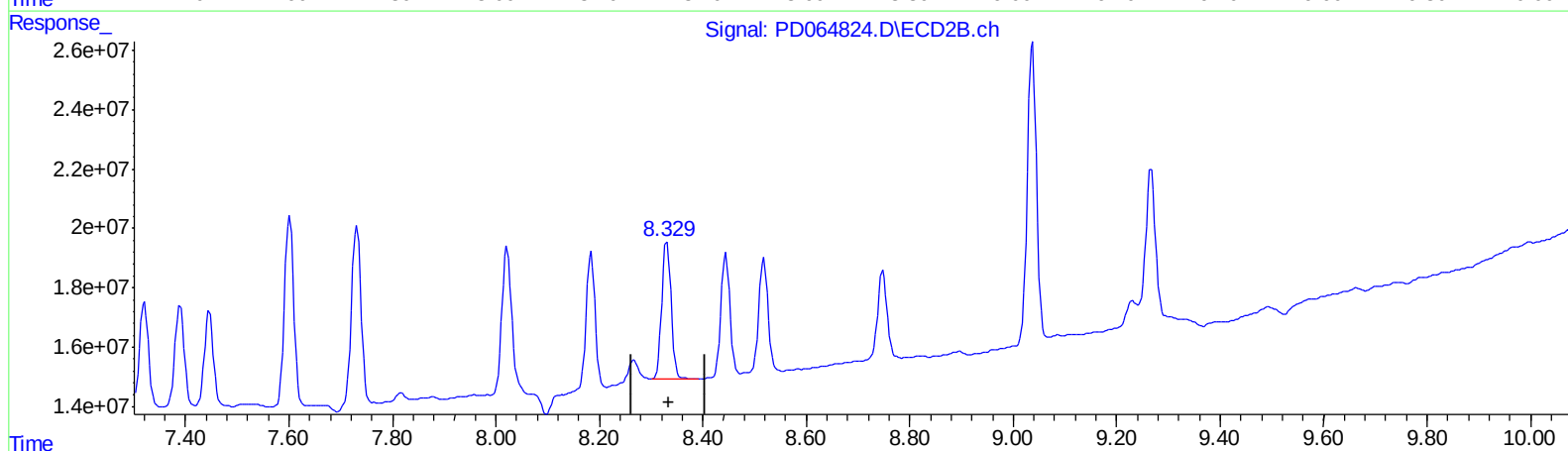
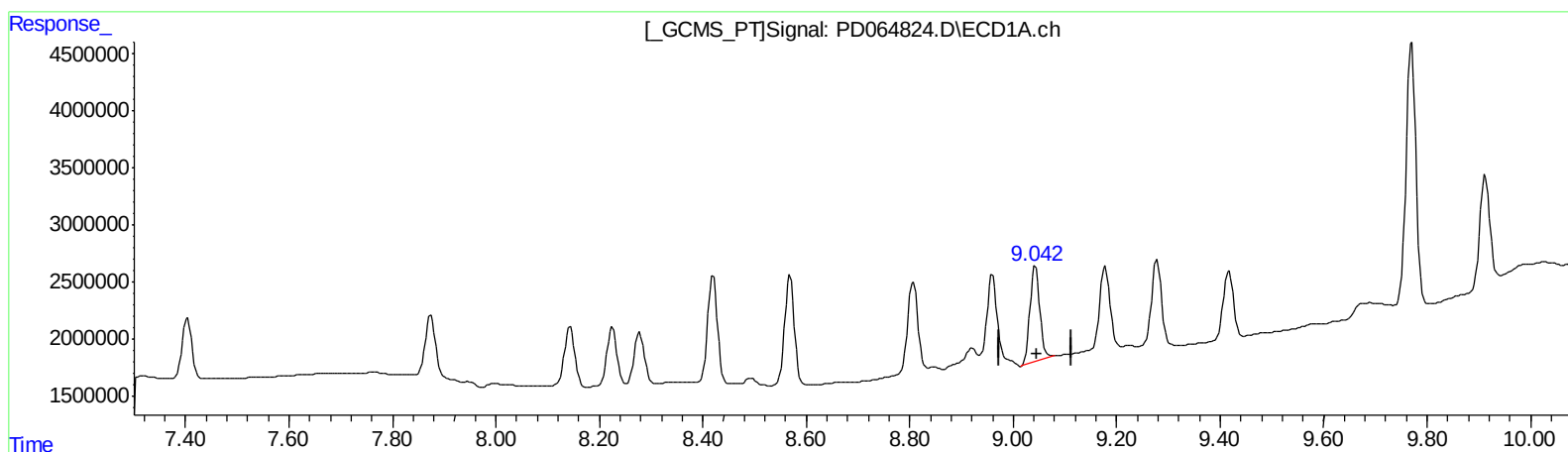
Instrument :
ECD_D
ClientSampleId :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 PM

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

(15) Endosulfan II (B)
9.042min 8.624 ng/ml m
response 11199376

(15) Endosulfan II #2 (B)
8.331min 9.952 ng/ml
response 57448782

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 22:25
Operator : AR\AJ
Sample : PB138183BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

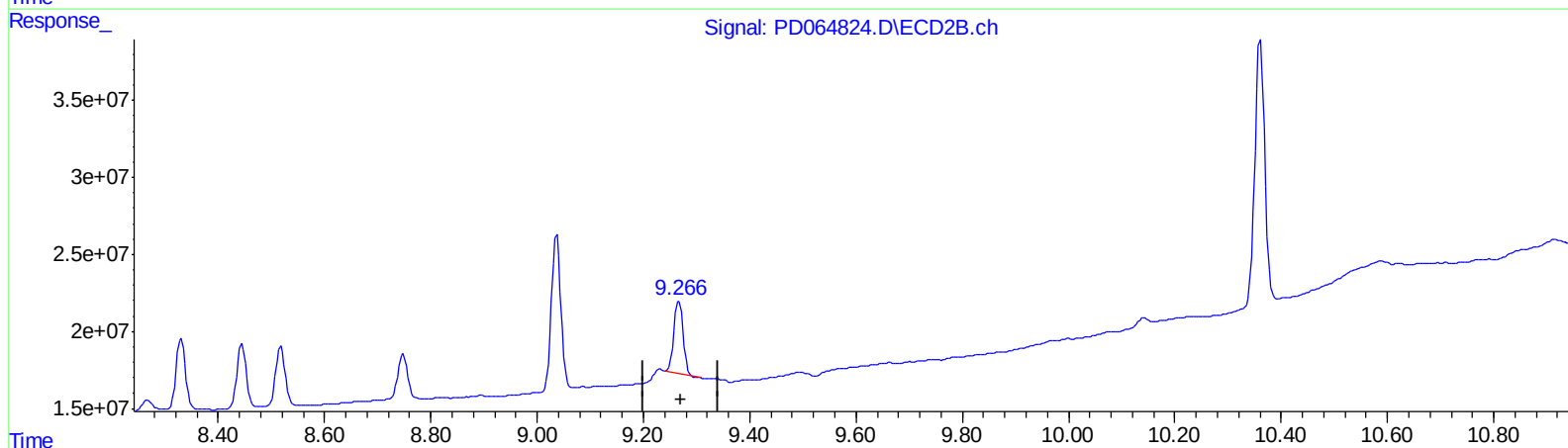
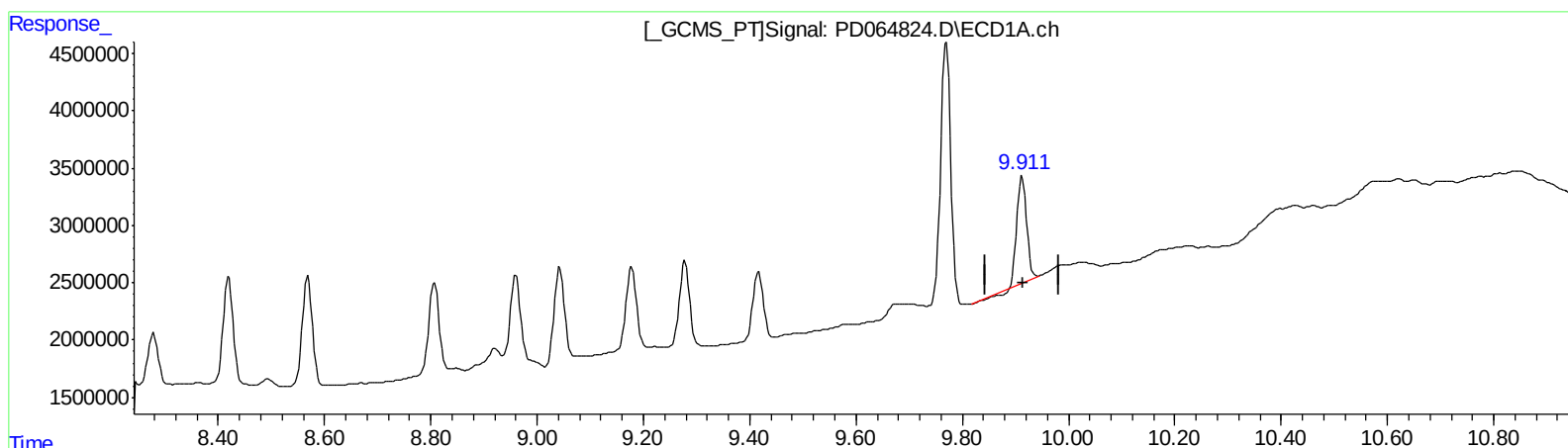
Instrument :
ECD_D
ClientSampled :
PLCS183

Manual Integrations
APPROVED

mohammad
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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

(21) Endrin ketone (B)

9.913min 7.420 ng/ml

response 11226256

(21) Endrin ketone #2 (B)

9.267min 9.401 ng/ml

response 56392810

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : PB138183BS
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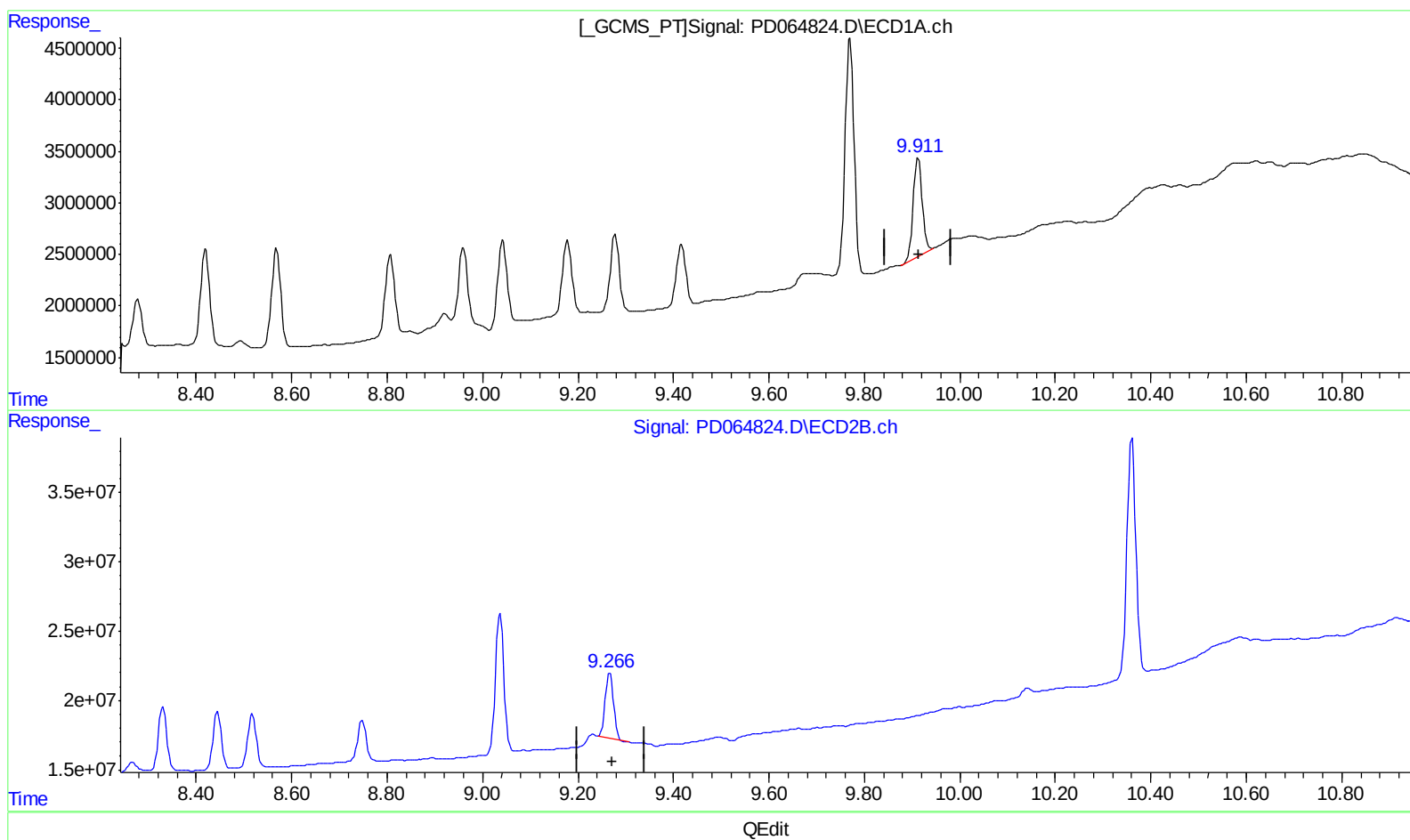
Instrument :
ECD_D
ClientSampleID :
PLCS183

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:54 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



(21) Endrin ketone (B)

9.911min 8.439 ng/ml m

response 12767157

(21) Endrin ketone #2 (B)

9.267min 9.401 ng/ml

response 56392810

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
 Data File : PD064824.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2021 22:25
 Operator : AR\AJ
 Sample : PB138183BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleID :
 PLCS183

Manual Integrations
 APPROVED

mohammad
 8/9/2021 4:54:54 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.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

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.405	4.618	22948929	201.8E6	19.238	22.088
27) SA Decachlor...	11.302	10.361	42549153	221.8E6	32.323	37.300
Target Compounds						
2) A alpha-BHC	5.987	5.319	6640005	62110898	4.076	5.039
3) MA gamma-BHC...	6.385	5.740	6432036	65713990	4.101	5.763 #
4) MA Heptachlor	7.034	6.147	8853905	64752238	5.268	5.711m
5) MB Aldrin	7.404	6.472	7023027	56492817	4.459	5.370
6) B beta-BHC	6.643	6.114	3506933	30153592	4.495	4.970m
7) B delta-BHC	6.907	6.376	1764434	9318244	1.014m	0.858
8) B Heptachlo...	7.874	7.044	8389316	48675755	4.886	5.258
9) A Endosulfan I	8.278	7.446	5946314	40578051	4.218	5.277 #
10) B trans-Chl...	8.144	7.321	7514841	46356504	4.690	5.111
11) B cis-Chlor...	8.225	7.390	6758758	44720243	4.338	5.027
12) B 4,4'-DDE	8.420	7.602	12408295	78556162	8.609	10.411
13) MA Dieldrin	8.569	7.730	12679519	79013116	8.502	9.838m
14) MA Endrin	8.806	8.022	10618630	65629387	8.293m	11.425 #
15) B Endosulfa...	9.042	8.331	11199376	57448782	8.624m	9.952
16) A 4,4'-DDD	8.960	8.184	10968212	55699240	8.935	9.671
17) MA 4,4'-DDT	9.278	8.445	9838120	50119277	7.536	9.105
18) B Endrin al...	9.178	8.518	9835692	48030947	8.682	9.732
19) B Endosulfa...	9.417	8.748	8005445	37794114	5.809	7.012
20) A Methoxychlor	9.770	9.037	30292971	126.3E6	42.335	49.317
21) B Endrin ke...	9.911	9.267	12767157	56392810	8.439m	9.401

AJ
 08/13/21

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