

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
Data File : PD064681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 19:36
Operator : AR\AJ
Sample : PB138084BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

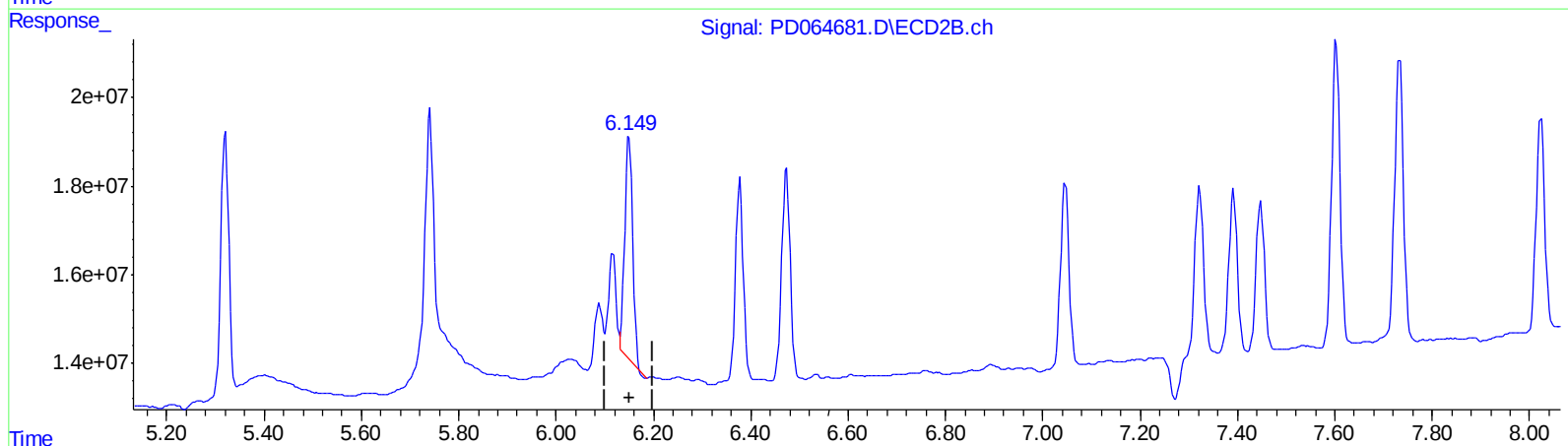
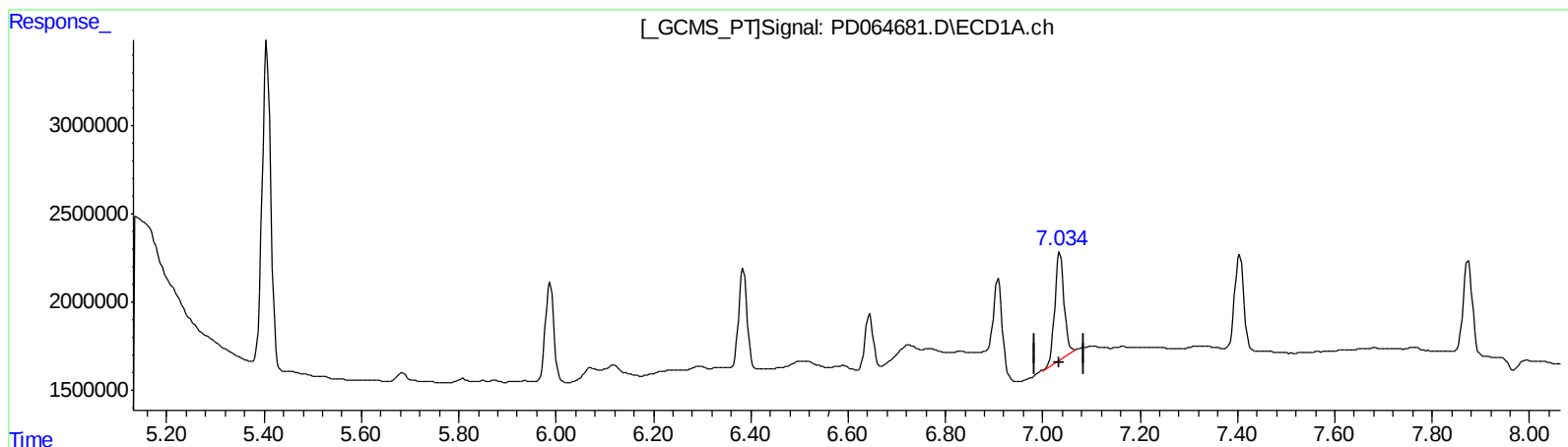
Instrument :
ECD_D
ClientSampleID :
PLCS084

Manual Integrations
APPROVED

mohammad
8/3/2021 3:12:52 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 03:00:55 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)
7.035min 4.710 ng/ml
response 7915549

(4) Heptachlor #2 (MA)
6.150min 5.001 ng/ml
response 56705302

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 19:36
Operator : AR\AJ
Sample : PB138084BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

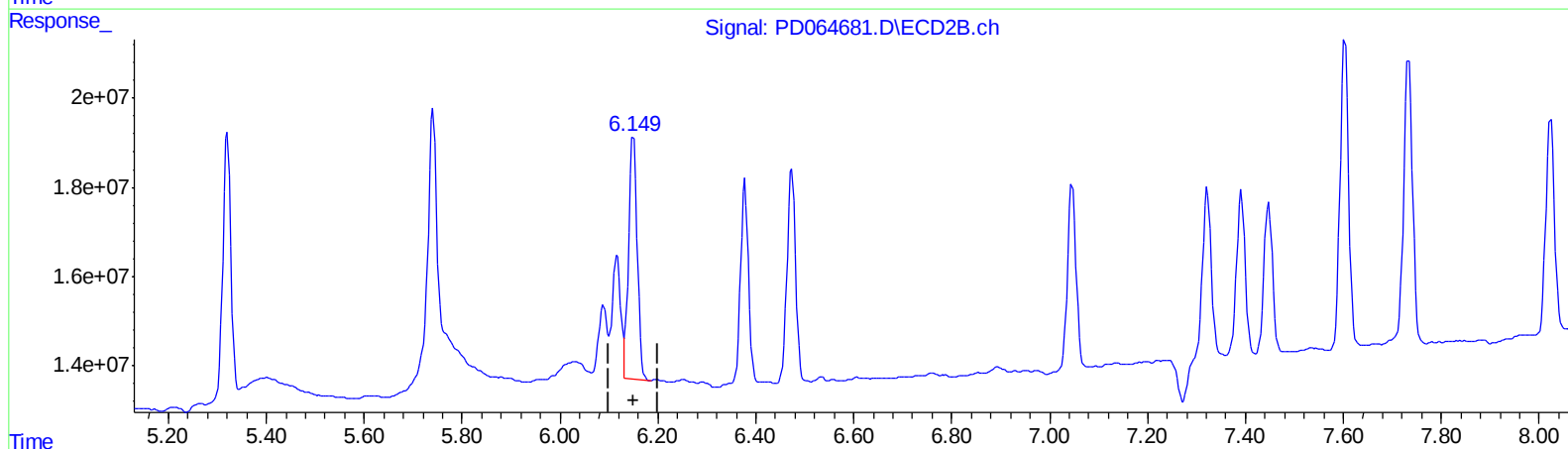
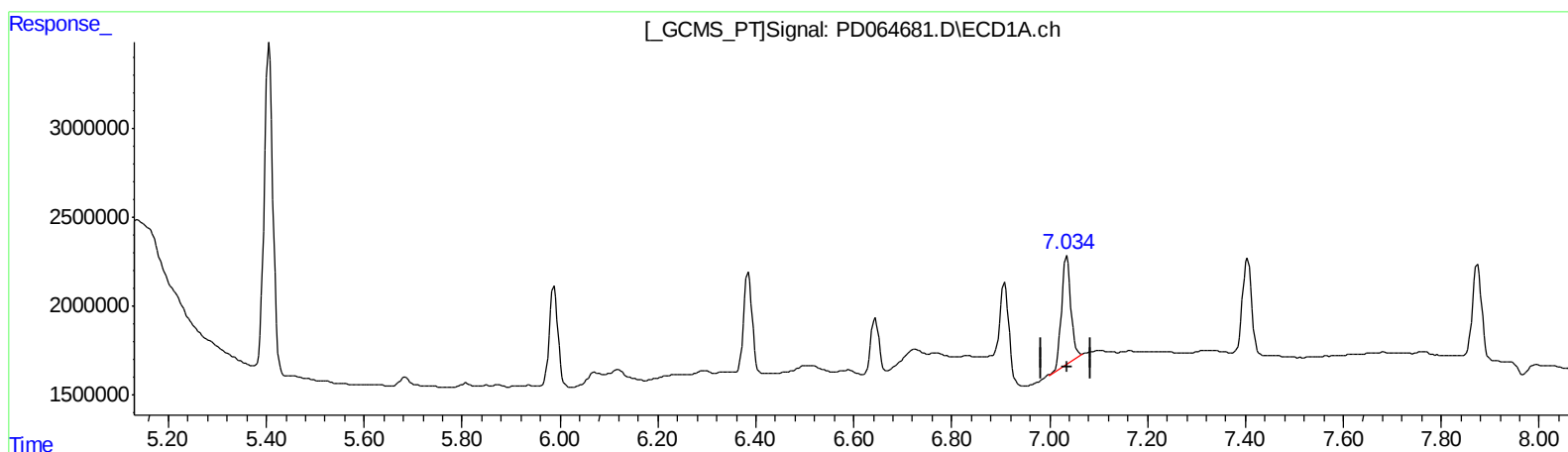
Instrument :
ECD_D
ClientSampleId :
PLCS084

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

(4) Heptachlor (MA)
7.035min 4.710 ng/ml
response 7915549

(4) Heptachlor #2 (MA)
6.149min 5.936 ng/ml m
response 67306091

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 19:36
Operator : AR\AJ
Sample : PB138084BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

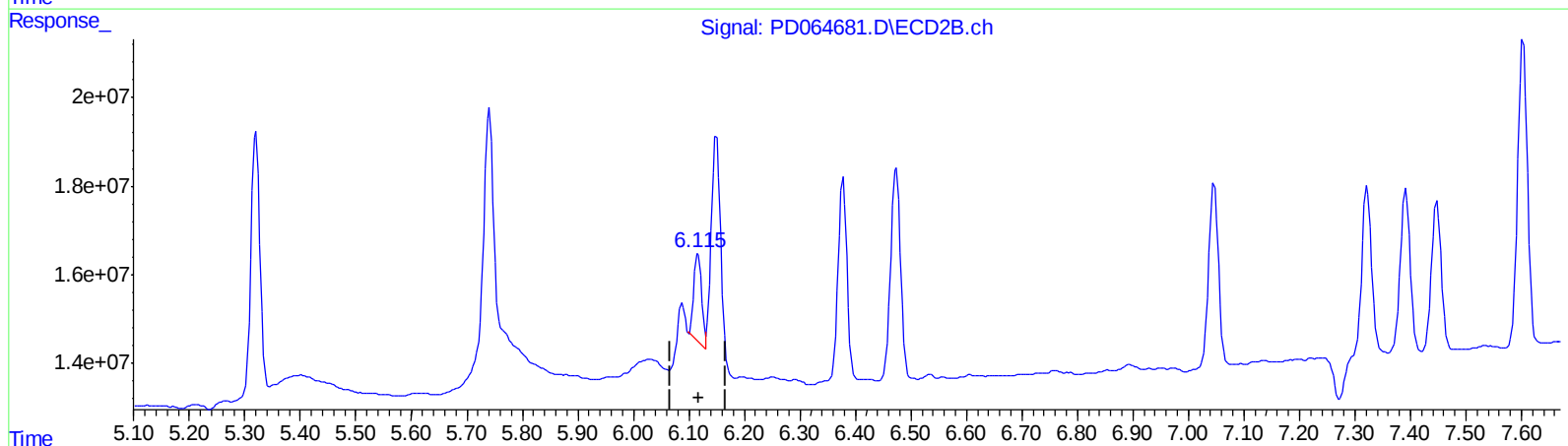
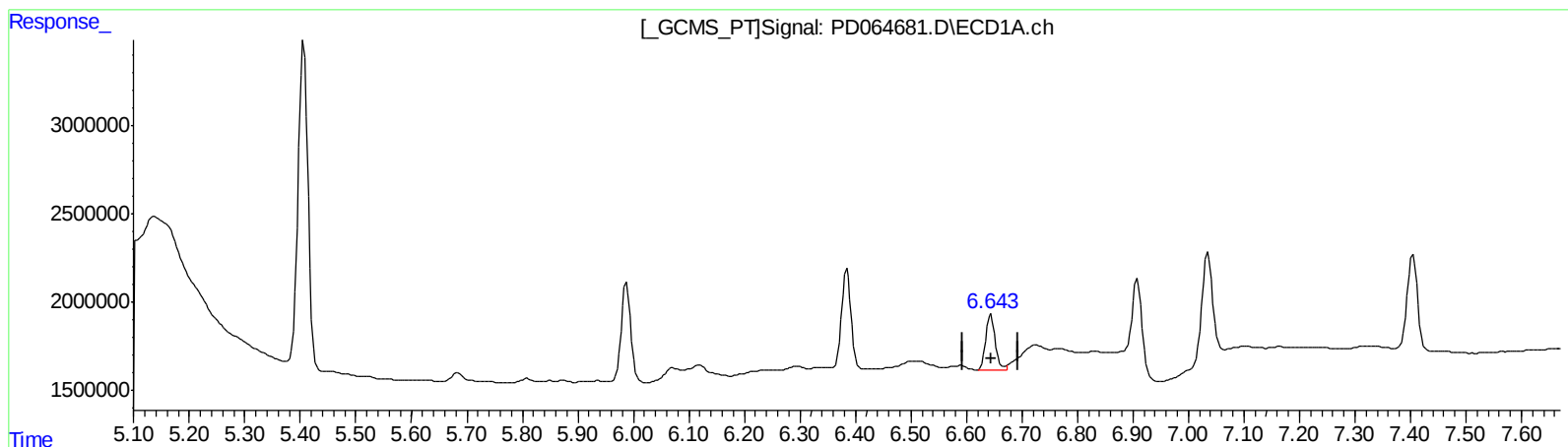
Instrument :
ECD_D
ClientSampleID :
PLCS084

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)
6.644min 5.012 ng/ml
response 3910500

(6) beta-BHC #2 (B)
6.117min 3.158 ng/ml
response 19161792

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
Data File : PD064681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 19:36
Operator : AR\AJ
Sample : PB138084BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

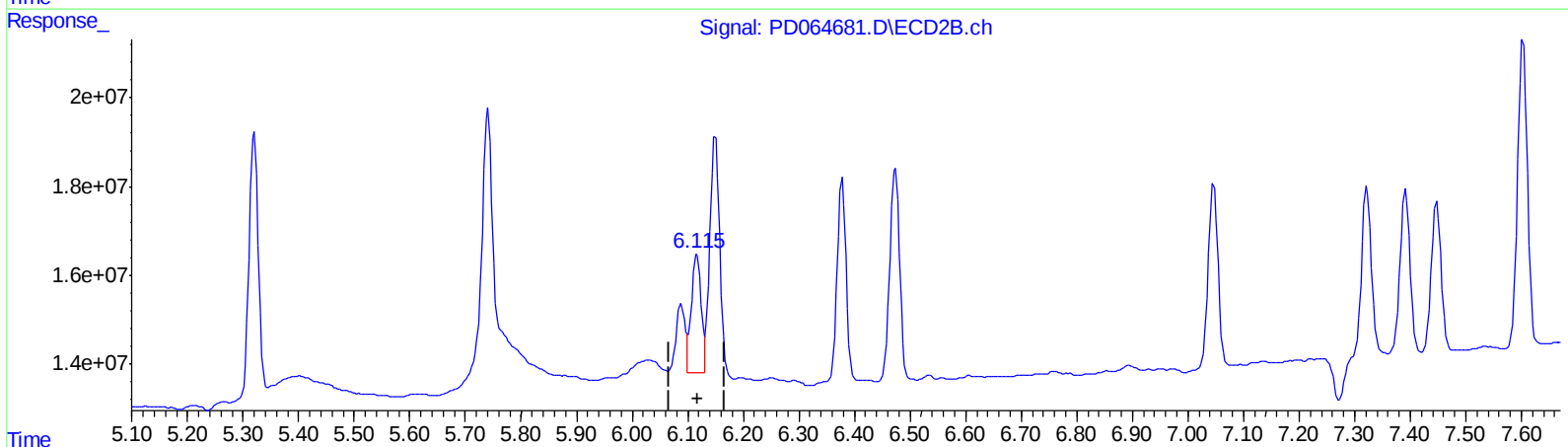
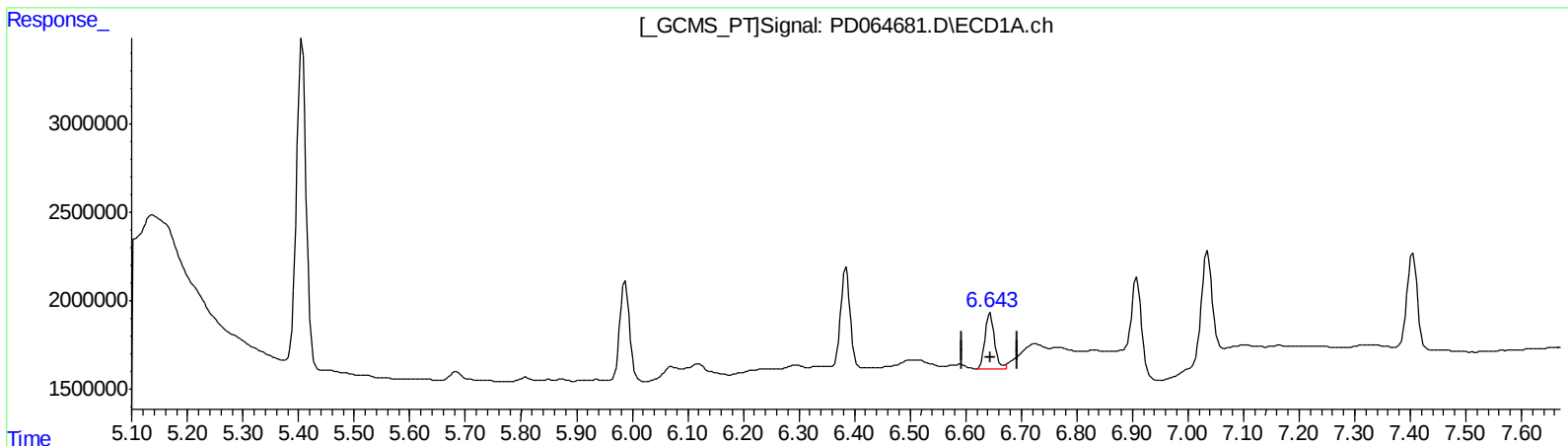
Instrument :
ECD_D
ClientSampleID :
PLCS084

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

(6) beta-BHC (B)

6.644min 5.012 ng/ml

response 3910500

(6) beta-BHC #2 (B)

6.115min 5.575 ng/ml m

response 33819755

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
Data File : PD064681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 19:36
Operator : AR\AJ
Sample : PB138084BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

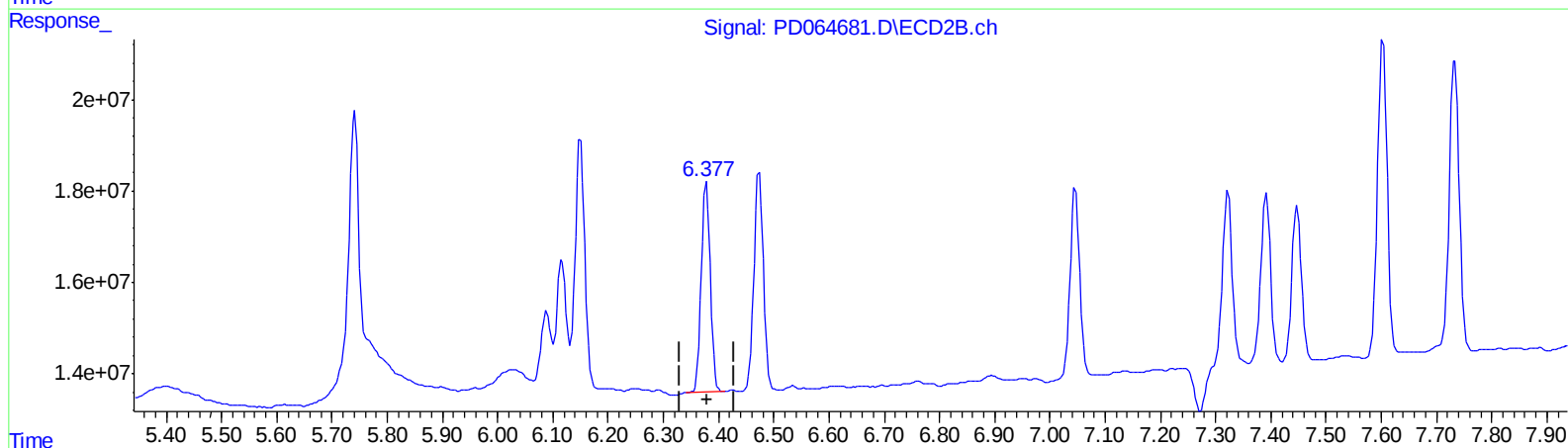
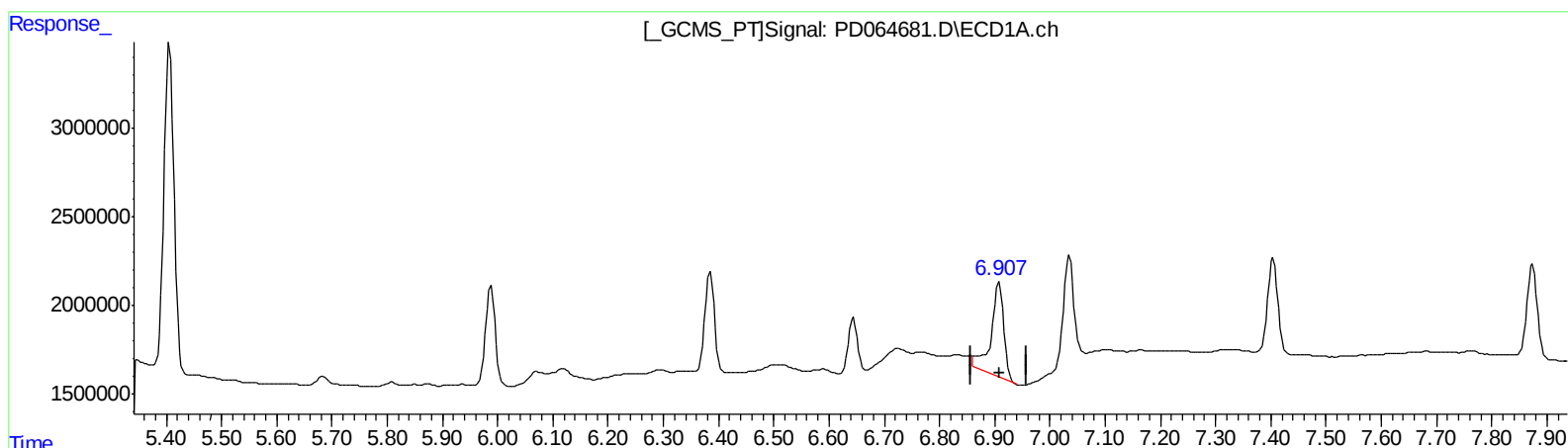
Instrument :
ECD_D
ClientSampleId :
PLCS084

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

(7) delta-BHC (B)
6.908min 4.850 ng/ml
response 8439043

(7) delta-BHC #2 (B)
6.378min 4.725 ng/ml
response 51326211

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
Data File : PD064681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 19:36
Operator : AR\AJ
Sample : PB138084BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

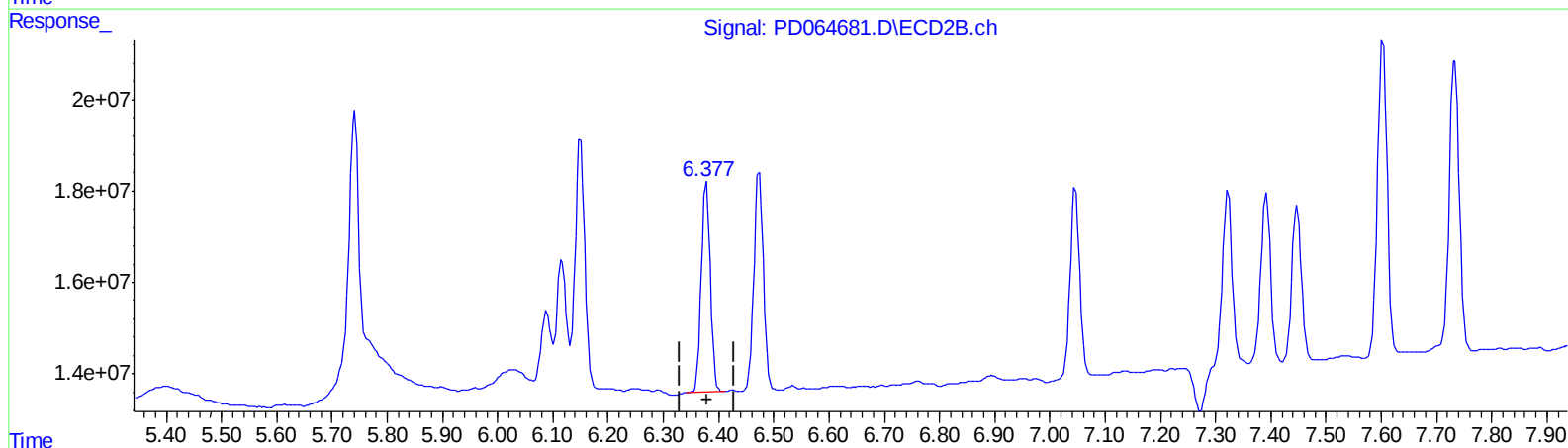
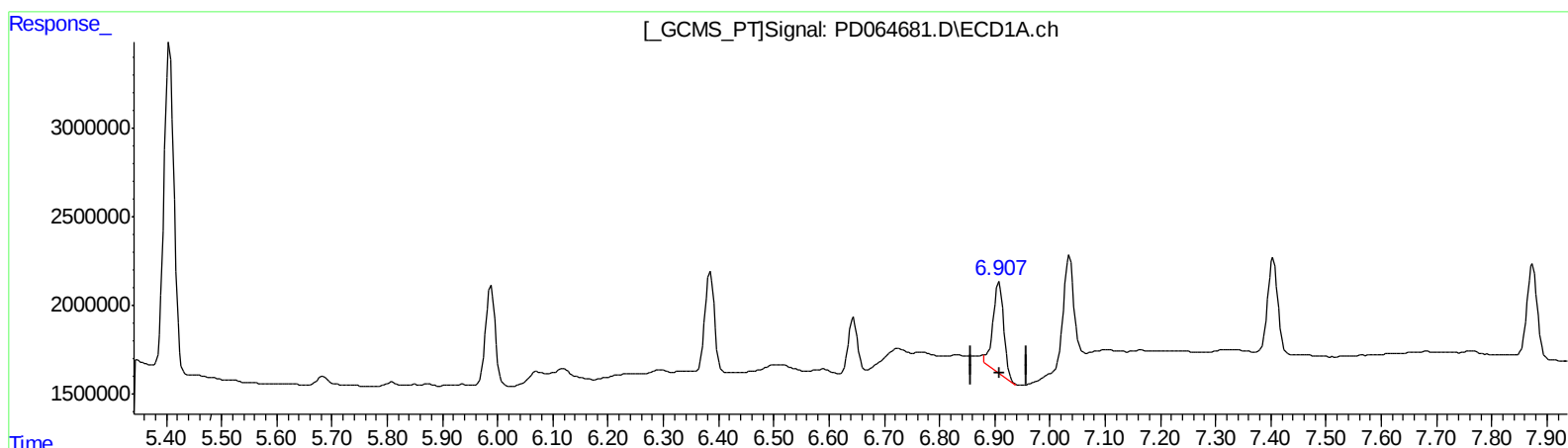
Instrument :
ECD_D
ClientSampleId :
PLCS084

Manual Integrations
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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

(7) delta-BHC (B)
6.907min 3.925 ng/ml m
response 6829871

(7) delta-BHC #2 (B)
6.378min 4.725 ng/ml
response 51326211

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
Data File : PD064681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 19:36
Operator : AR\AJ
Sample : PB138084BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

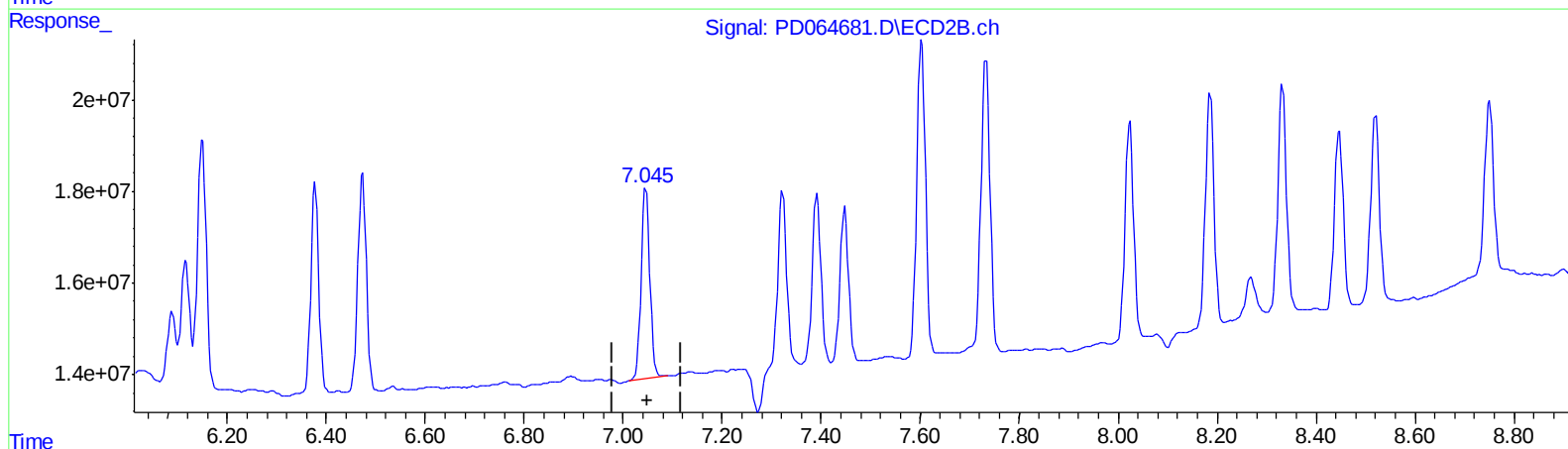
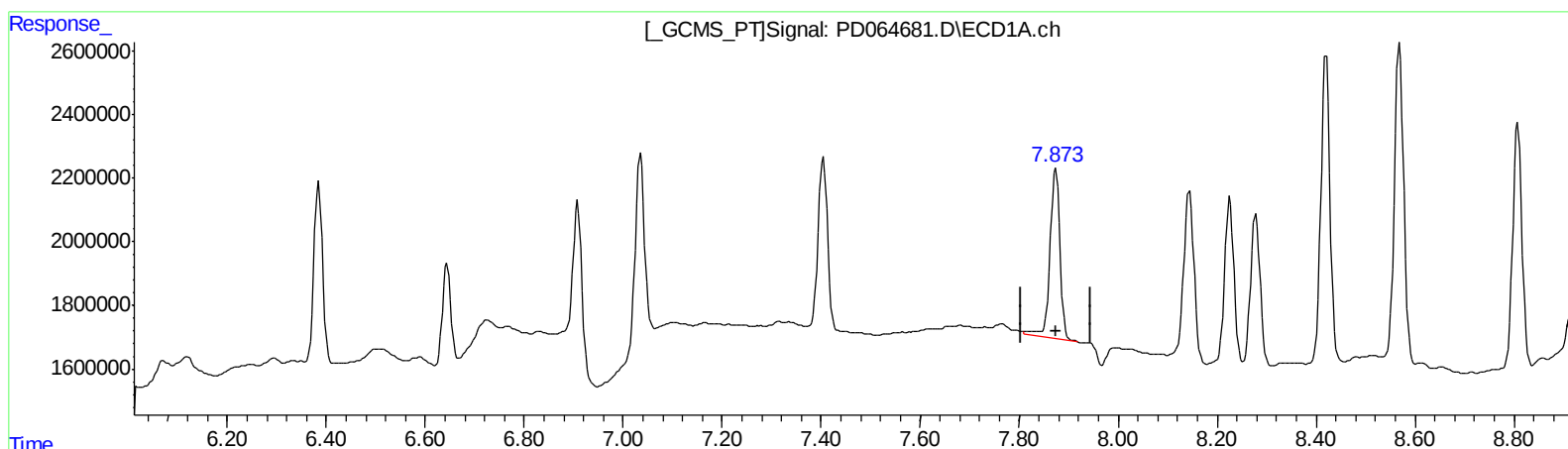
Instrument :
ECD_D
ClientSampled :
PLCS084

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
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QEdit

(8) Heptachlor epoxide (B)

7.874min 4.308 ng/ml

response 7396108

(8) Heptachlor epoxide #2 (B)

7.046min 5.539 ng/ml

response 51277227

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 19:36
Operator : AR\AJ
Sample : PB138084BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

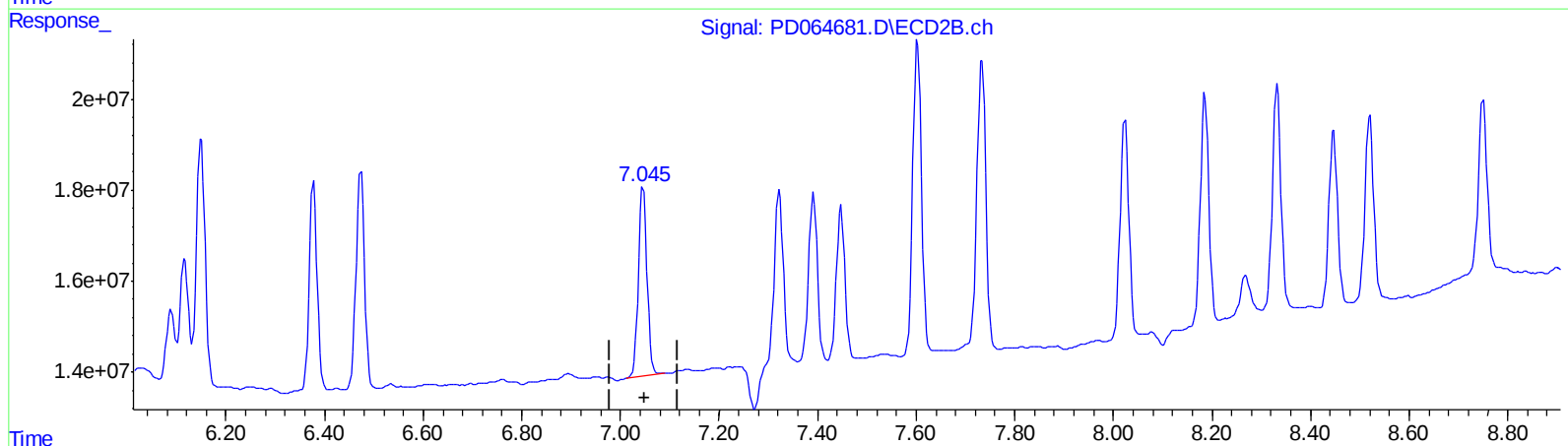
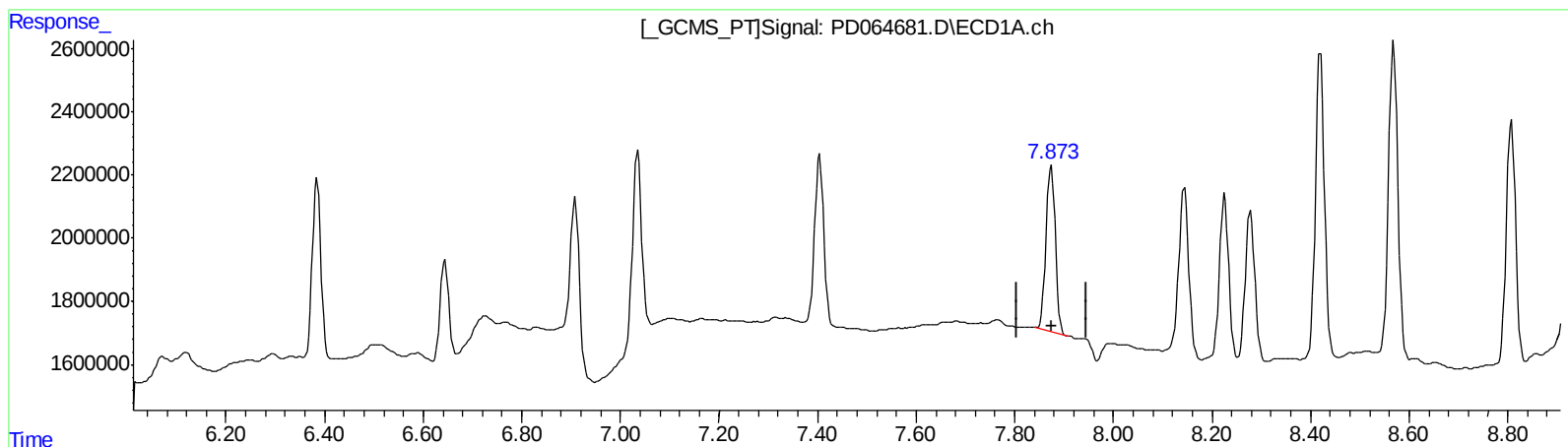
Instrument :
ECD_D
ClientSampleID :
PLCS084

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

(8) Heptachlor epoxide (B)

7.873min 4.053 ng/ml m

response 6958954

(8) Heptachlor epoxide #2 (B)

7.046min 5.539 ng/ml

response 51277227

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
Data File : PD064681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 19:36
Operator : AR\AJ
Sample : PB138084BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

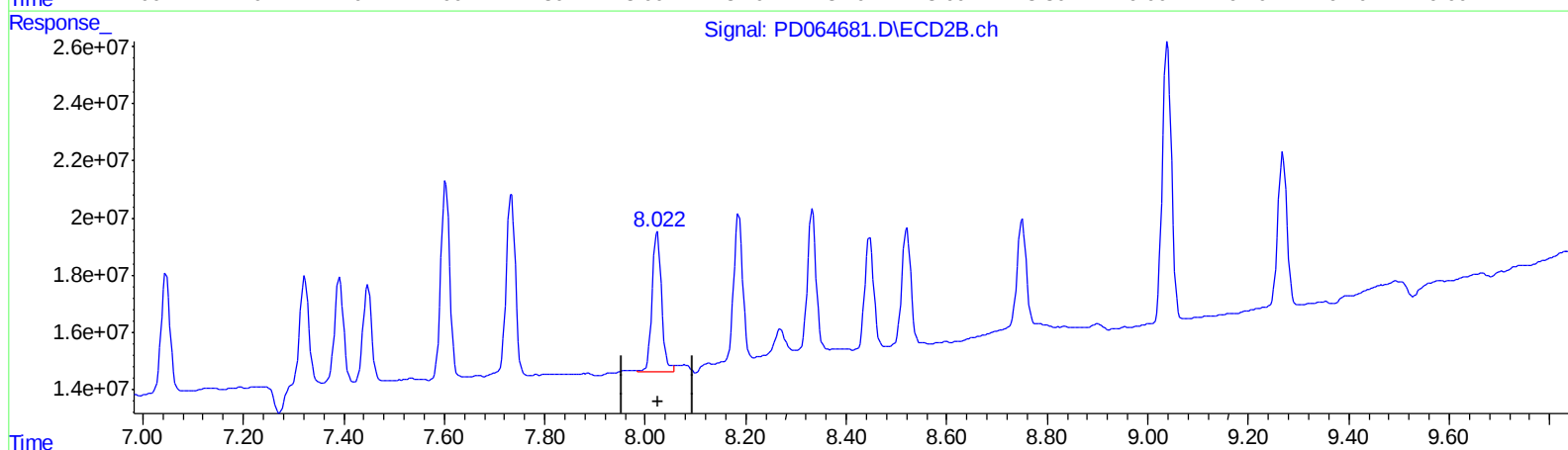
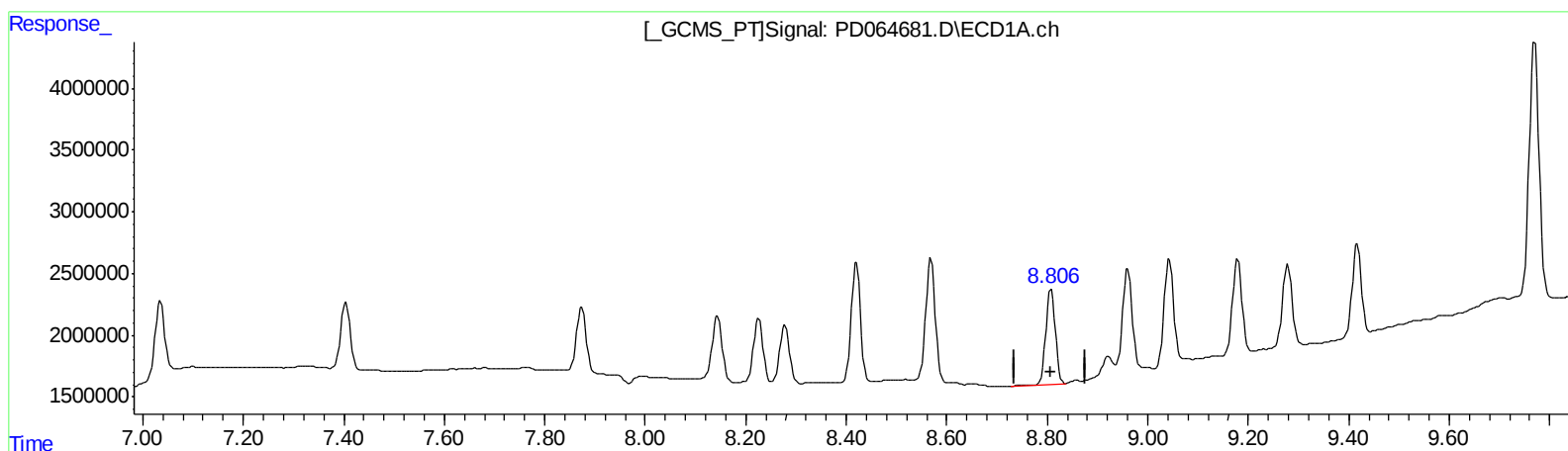
Instrument :
ECD_D
ClientSampleId :
PLCS084

Manual Integrations
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QEdit

(14) Endrin (MA)
8.807min 7.939 ng/ml
response 10165136

(14) Endrin #2 (MA)
8.024min 11.196 ng/ml
response 64315270

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 19:36
Operator : AR\AJ
Sample : PB138084BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

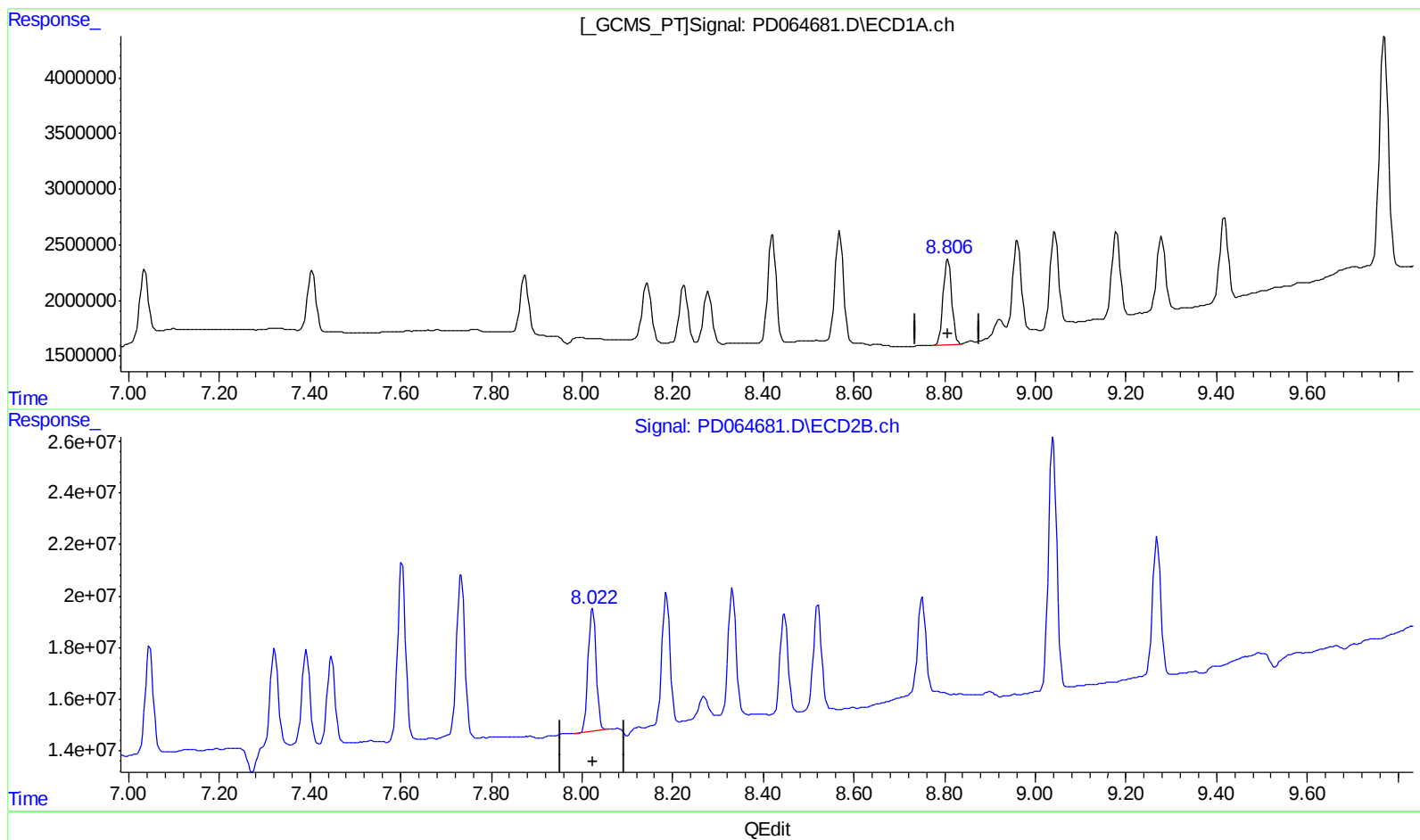
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ECD_D
ClientSampleId :
PLCS084

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



(14) Endrin (MA)

8.806min 7.886 ng/ml m

response 10096547

(14) Endrin #2 (MA)

8.022min 10.246 ng/ml m

response 58861448

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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Sample : PB138084BS
Misc :
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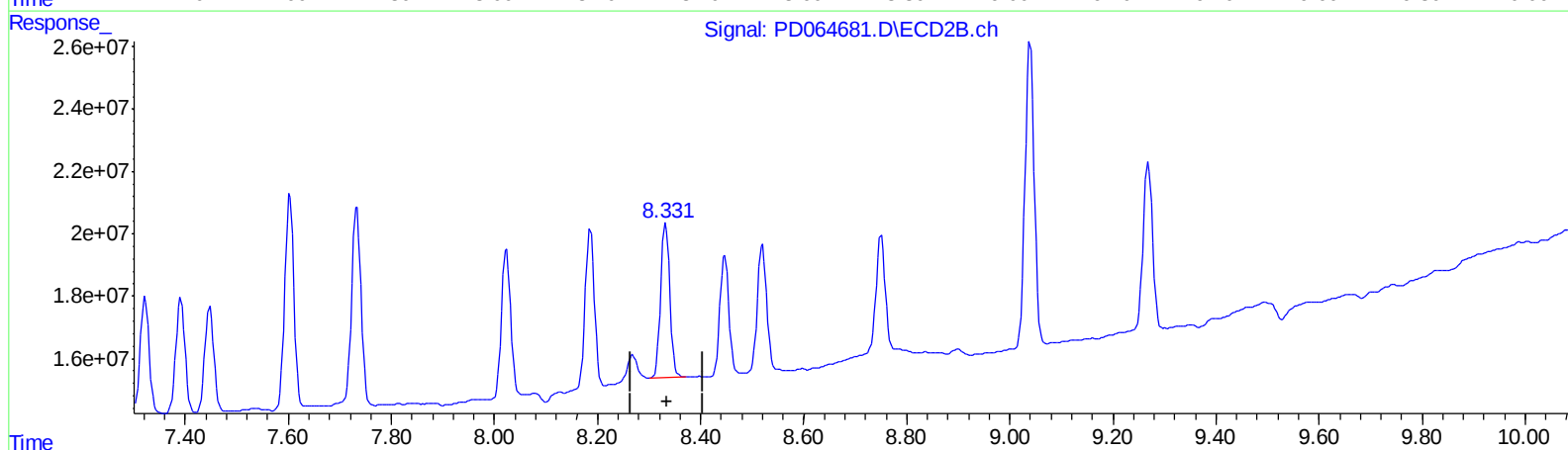
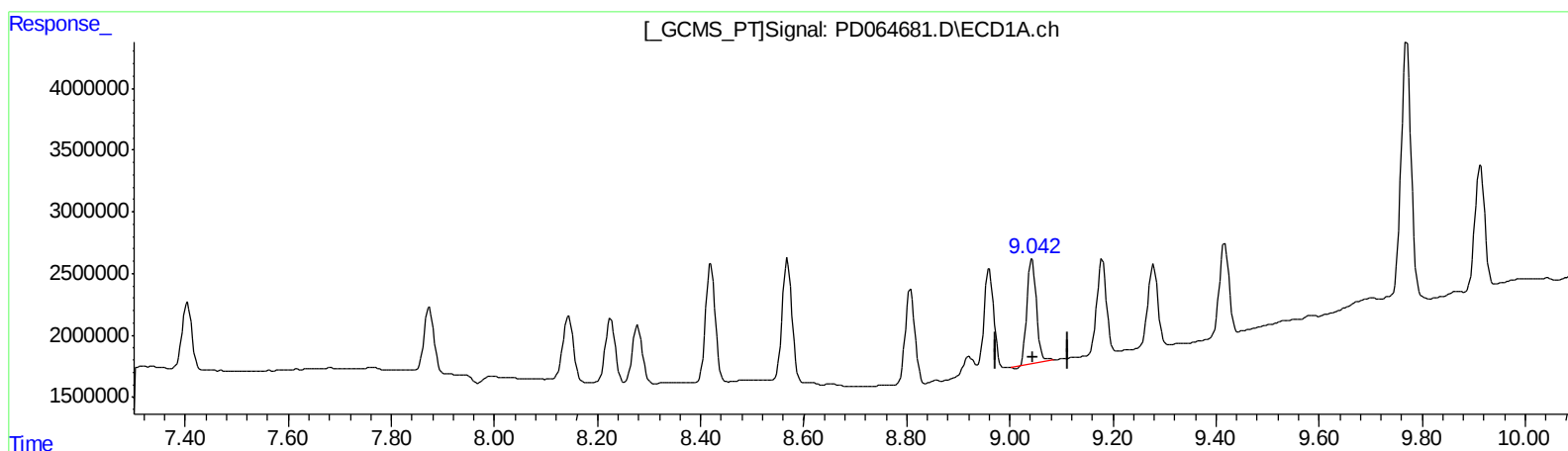
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(15) Endosulfan II (B)
9.043min 8.477 ng/ml
response 11008050

(15) Endosulfan II #2 (B)
8.332min 10.375 ng/ml
response 59889161

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
Data File : PD064681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : PB138084BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

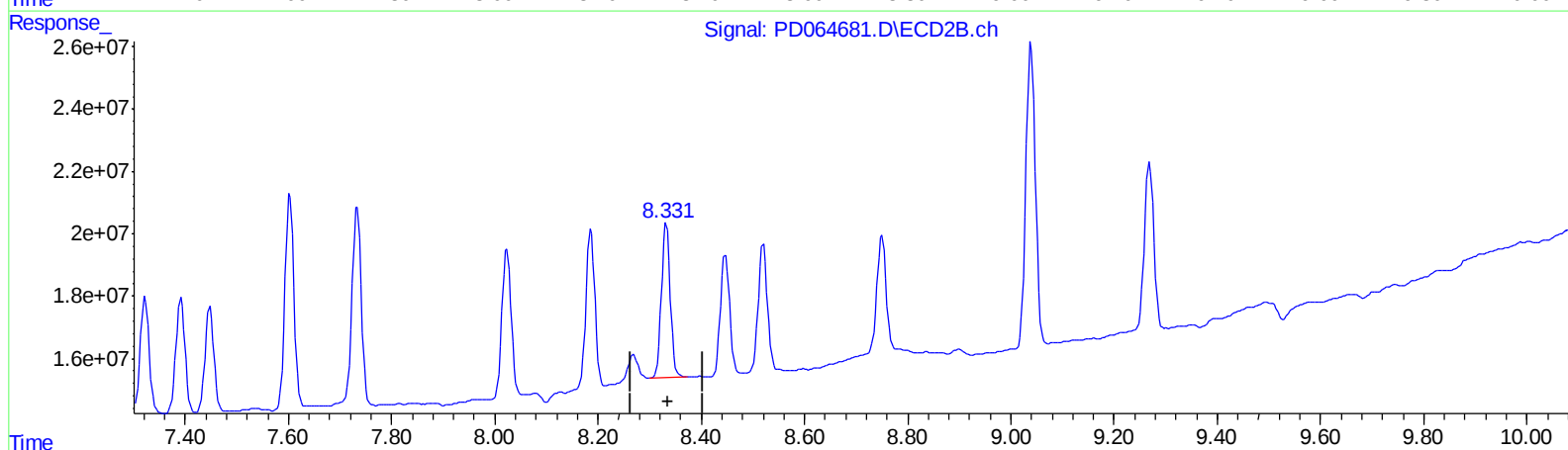
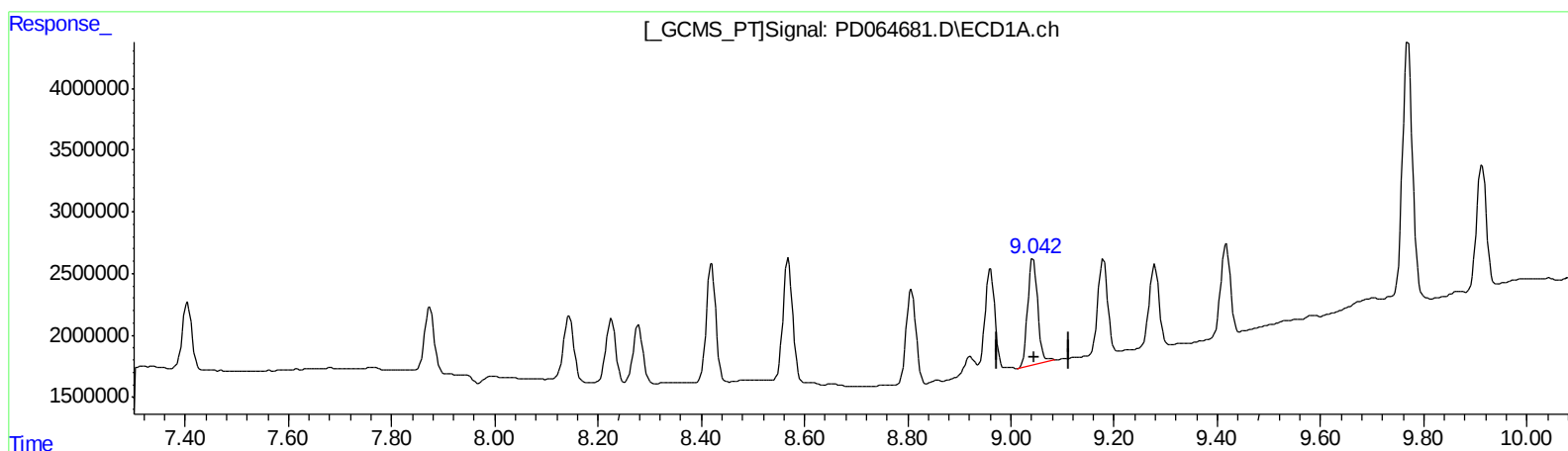
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ECD_D
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PLCS084

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

(15) Endosulfan II (B)
9.042min 8.852 ng/ml m
response 11494866

(15) Endosulfan II #2 (B)
8.332min 10.375 ng/ml
response 59889161

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc :
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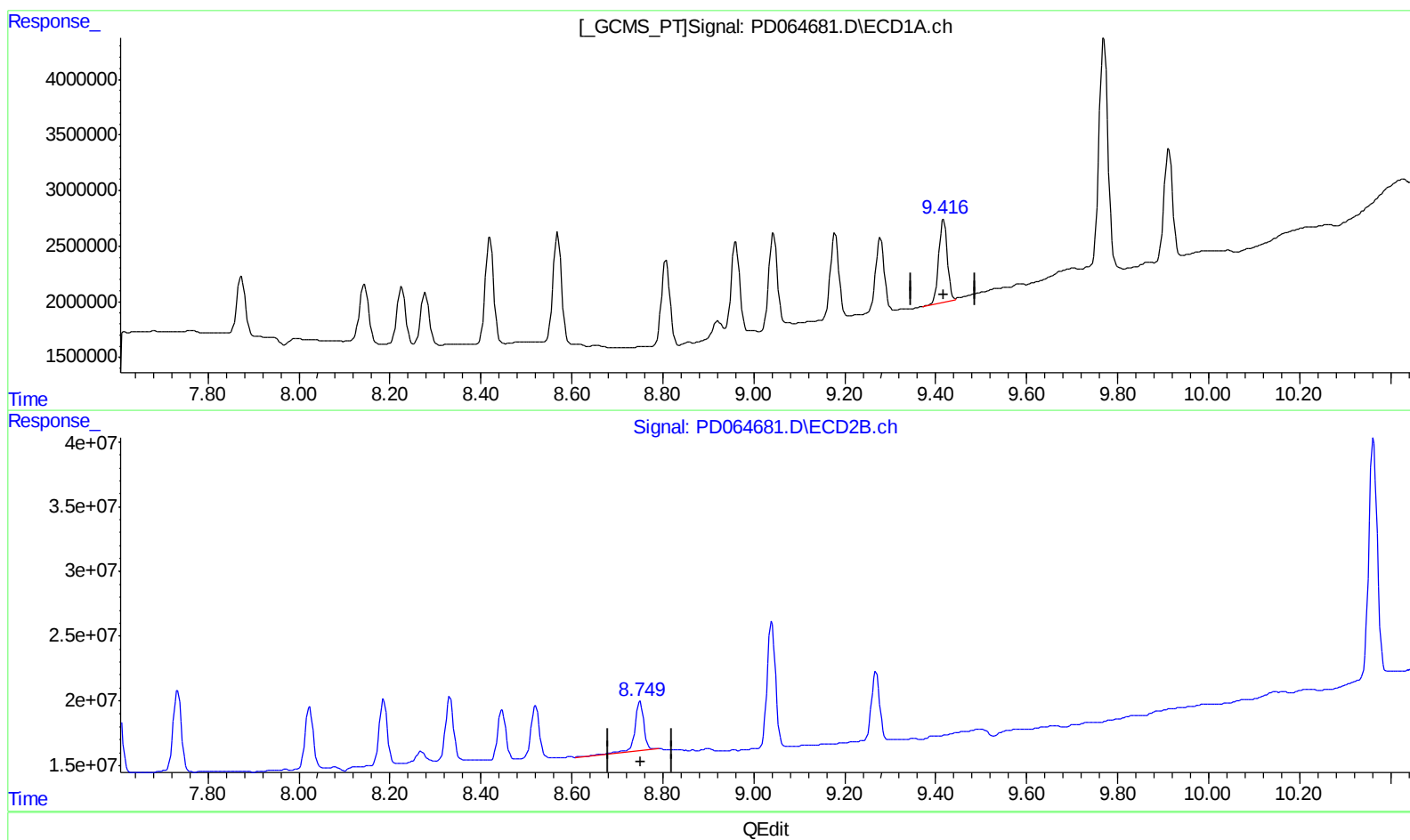
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(19) Endosulfan Sulfate (B)

9.417min 7.064 ng/ml

response 9734906

(19) Endosulfan Sulfate #2 (B)

8.751min 9.688 ng/ml

response 52220018

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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Misc :
ALS Vial : 32 Sample Multiplier: 1

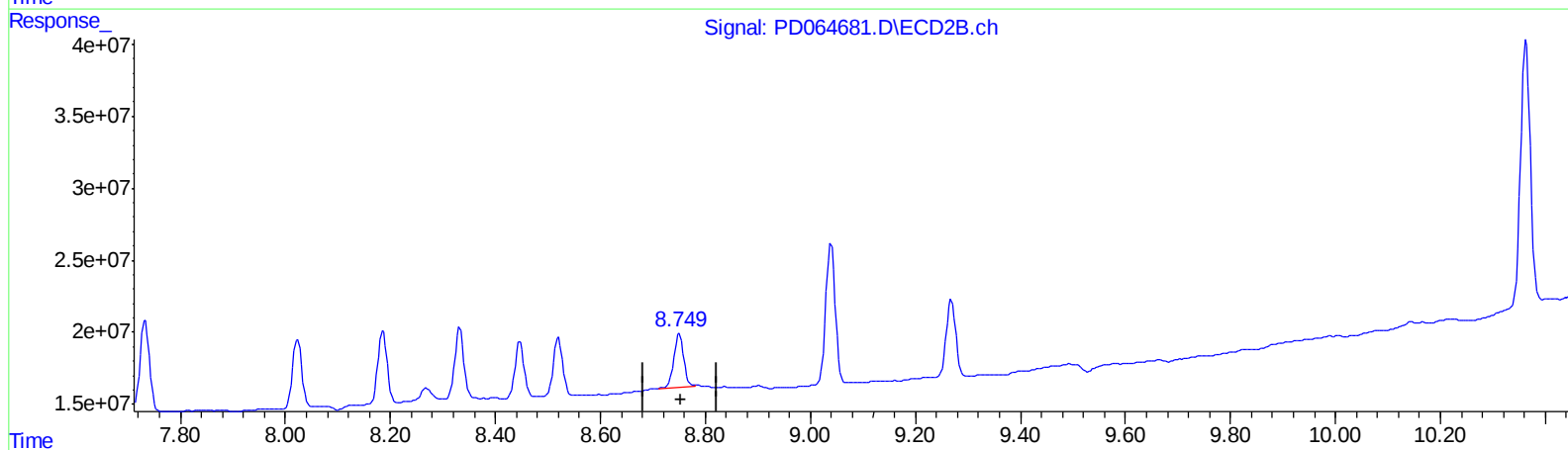
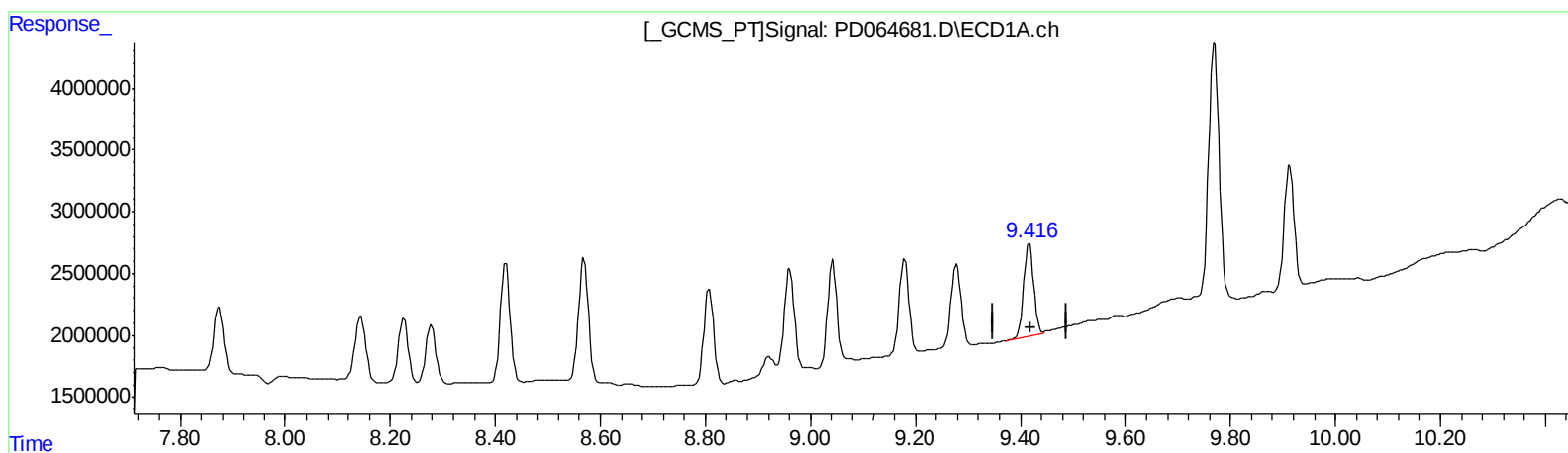
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ECD_D
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Manual Integrations
APPROVED

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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

(19) Endosulfan Sulfate (B)

9.417min 7.064 ng/ml

response 9734906

(19) Endosulfan Sulfate #2 (B)

8.749min 8.789 ng/ml m

response 47377163

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
 Data File : PD064681.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2021 19:36
 Operator : AR\AJ
 Sample : PB138084BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampled :
 PLCS084

Manual Integrations
 APPROVED

mohammad
 8/3/2021 3:12:52 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 03:00:55 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.406	4.619	22685791	204.8E6	19.018	22.409
27)	SA Decachlor...	11.305	10.363	44672111	236.2E6	33.935	39.722
Target Compounds							
2)	A alpha-BHC	5.988	5.321	6854487	66017614	4.208	5.356 #
3)	MA gamma-BHC...	6.385	5.741	7372446	65367735	4.701	5.732
4)	MA Heptachlor	7.035	6.149	7915549	67306091	4.710	5.936m#
5)	MB Aldrin	7.404	6.474	7228333	58515479	4.589	5.563
6)	B beta-BHC	6.644	6.115	3910500	33819755	5.012	5.575m
7)	B delta-BHC	6.907	6.378	6829871	51326211	3.925m	4.725
8)	B Heptachlo...	7.873	7.046	6958954	51277227	4.053m	5.539 #
9)	A Endosulfan I	8.278	7.448	6117070	41694378	4.339	5.422
10)	B trans-Chl...	8.144	7.322	7573621	51273969	4.726	5.653
11)	B cis-Chlor...	8.226	7.392	6751342	47607599	4.333	5.352
12)	B 4,4'-DDE	8.420	7.603	12514967	84183607	8.683	11.157 #
13)	MA Dieldrin	8.569	7.733	13356077	79838152	8.956	9.940
14)	MA Endrin	8.806	8.022	10096547	58861448	7.886m	10.246m#
15)	B Endosulfa...	9.042	8.332	11494866	59889161	8.852m	10.375
16)	A 4,4'-DDD	8.960	8.186	11182907	62014617	9.110	10.767
17)	MA 4,4'-DDT	9.279	8.447	8777198	47494711	6.723	8.628 #
18)	B Endrin al...	9.179	8.520	9983639	51477081	8.812	10.430
19)	B Endosulfa...	9.417	8.749	9734906	47377163	7.064	8.789m
20)	A Methoxychlor	9.770	9.040	28822301	124.1E6	40.279	48.458
21)	B Endrin ke...	9.913	9.269	13013100	66407577	8.601	11.071 #

A-3
 08/04/21

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