

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
Data File : PD064713.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2021 11:16
Operator : AR\AJ
Sample : M3169-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

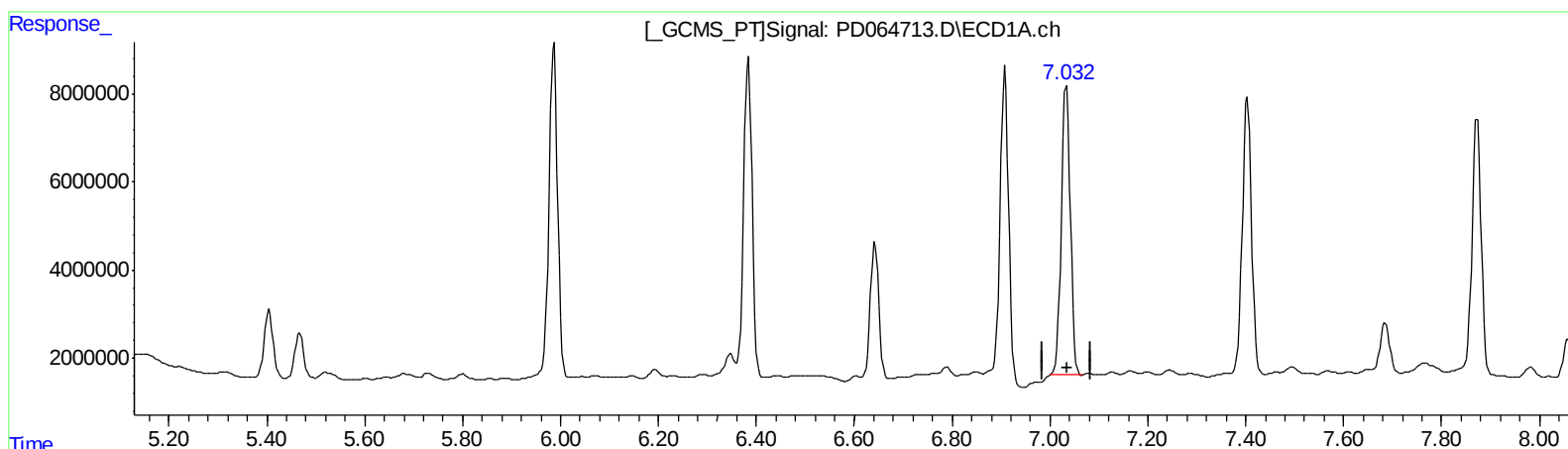
Instrument :
ECD_D
ClientSampleId :
C00A2MSD

Manual Integrations
APPROVED

mohammad
8/5/2021 12:36:55 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 07:47:03 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



(4) Heptachlor (MA)

7.034min 50.253 ng/ml

response 84454545

(4) Heptachlor #2 (MA)

6.147min 52.399 ng/ml m

response 594092902

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
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Sample : M3169-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

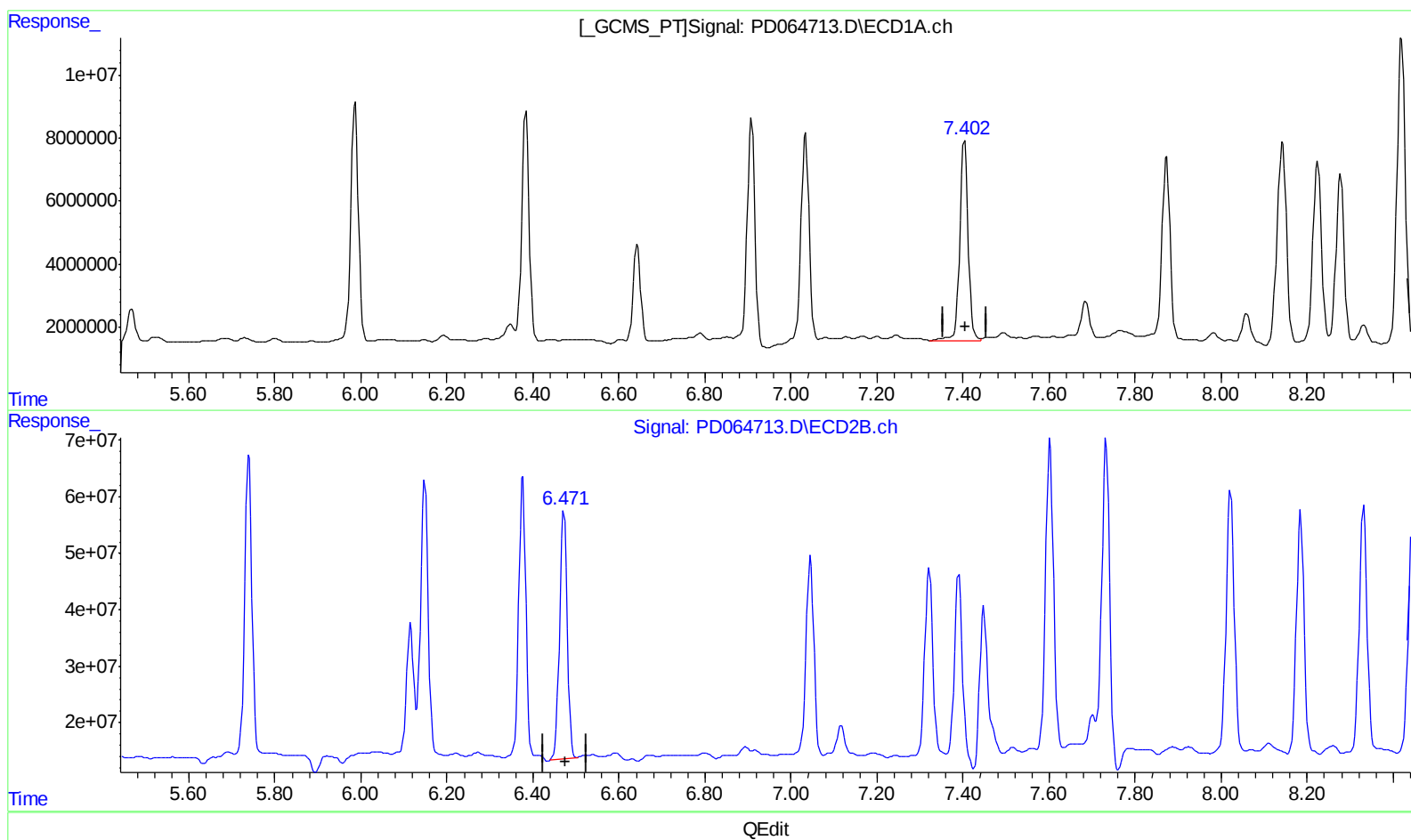
Instrument :
ECD_D
ClientSampleId :
C00A2MSD

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



(5) Aldrin (MB)

7.404min 54.957 ng/ml

response 86566581

(5) Aldrin #2 (MB)

6.472min 52.014 ng/ml

response 547139826

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
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Sample : M3169-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

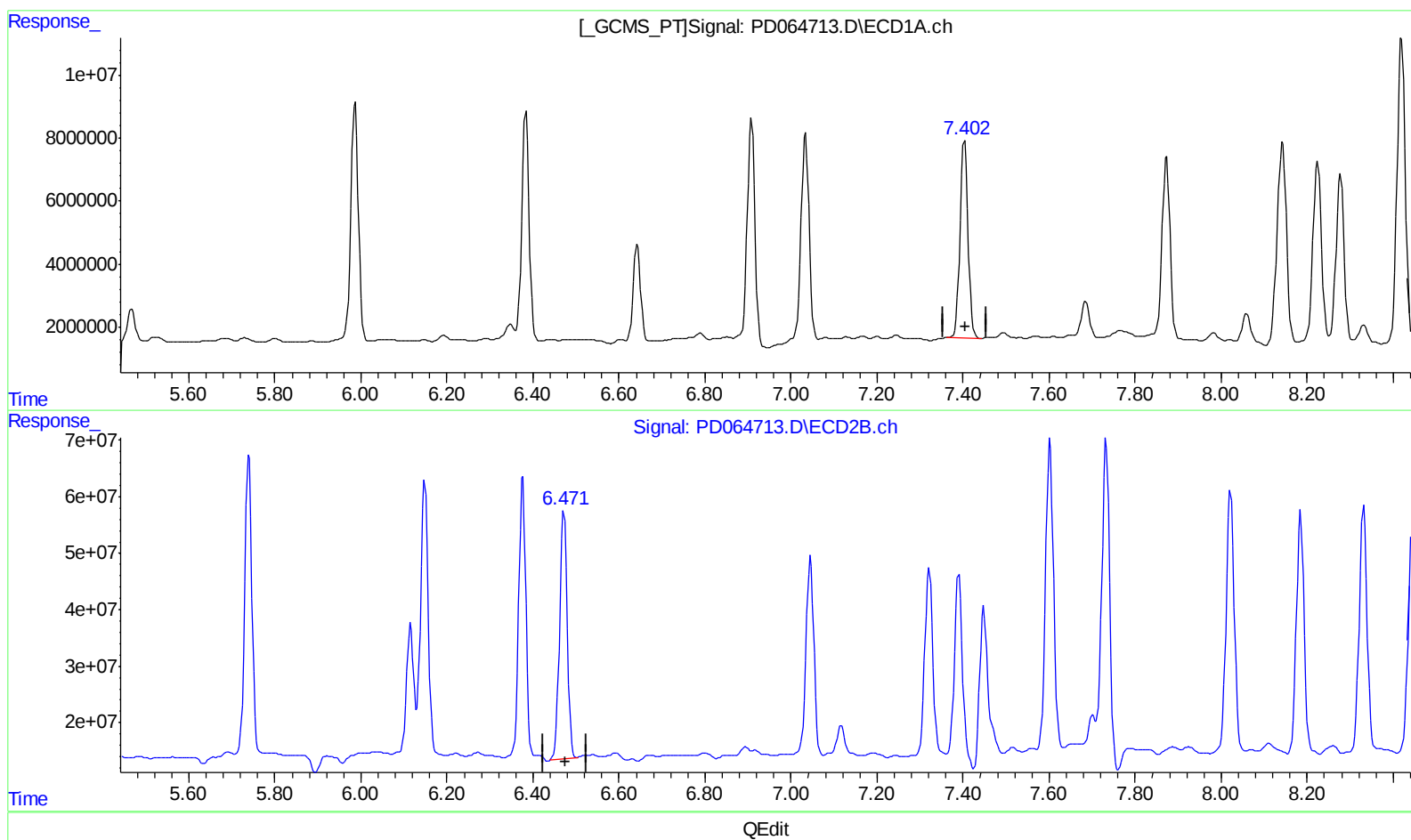
Instrument :
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ClientSampleId :
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(5) Aldrin (MB)

7.402min 52.267 ng/ml m

response 82329665

(5) Aldrin #2 (MB)

6.472min 52.014 ng/ml

response 547139826

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

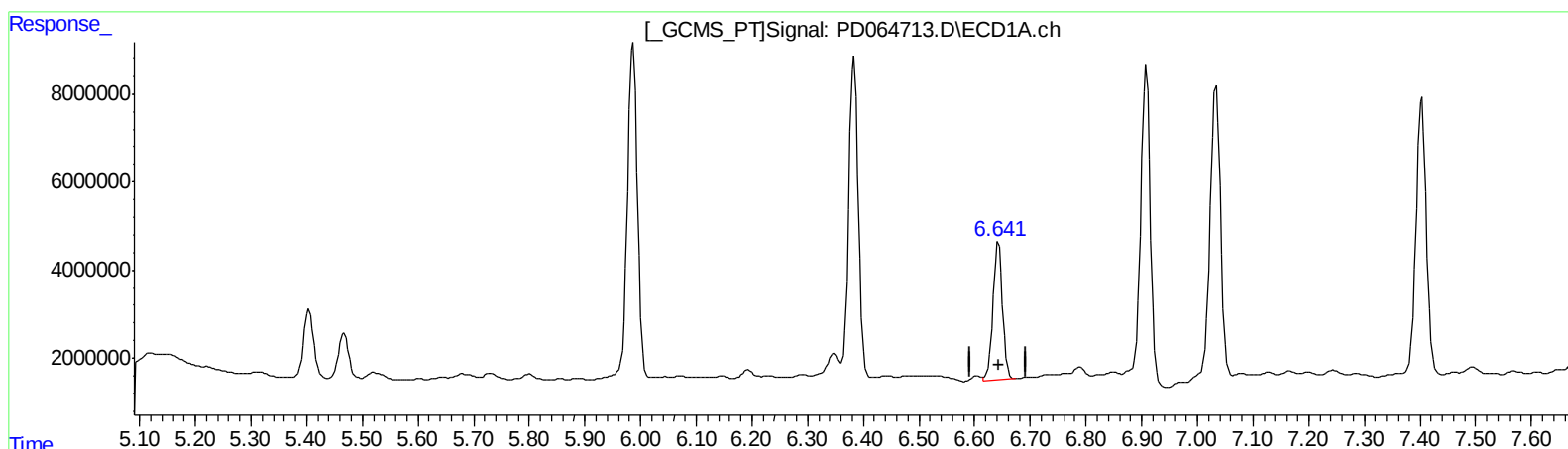
Instrument :
ECD_D
ClientSampleId :
C00A2MSD

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



(6) beta-BHC (B)
6.643min 48.235 ng/ml
response 37631460

(6) beta-BHC #2 (B)
6.115min 27.603 ng/ml
response 167460219

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
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Operator : AR\AJ
Sample : M3169-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

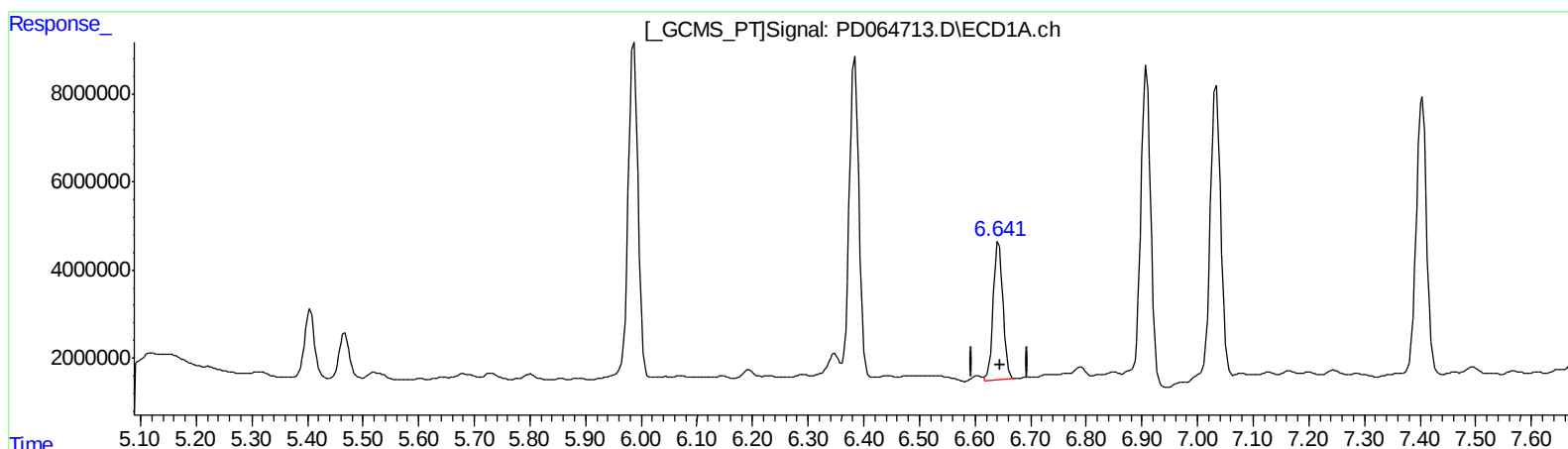
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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



(6) beta-BHC (B)
6.643min 48.235 ng/ml
response 37631460

(6) beta-BHC #2 (B)
6.114min 42.899 ng/ml m
response 260259048

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
Data File : PD064713.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2021 11:16
Operator : AR\AJ
Sample : M3169-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

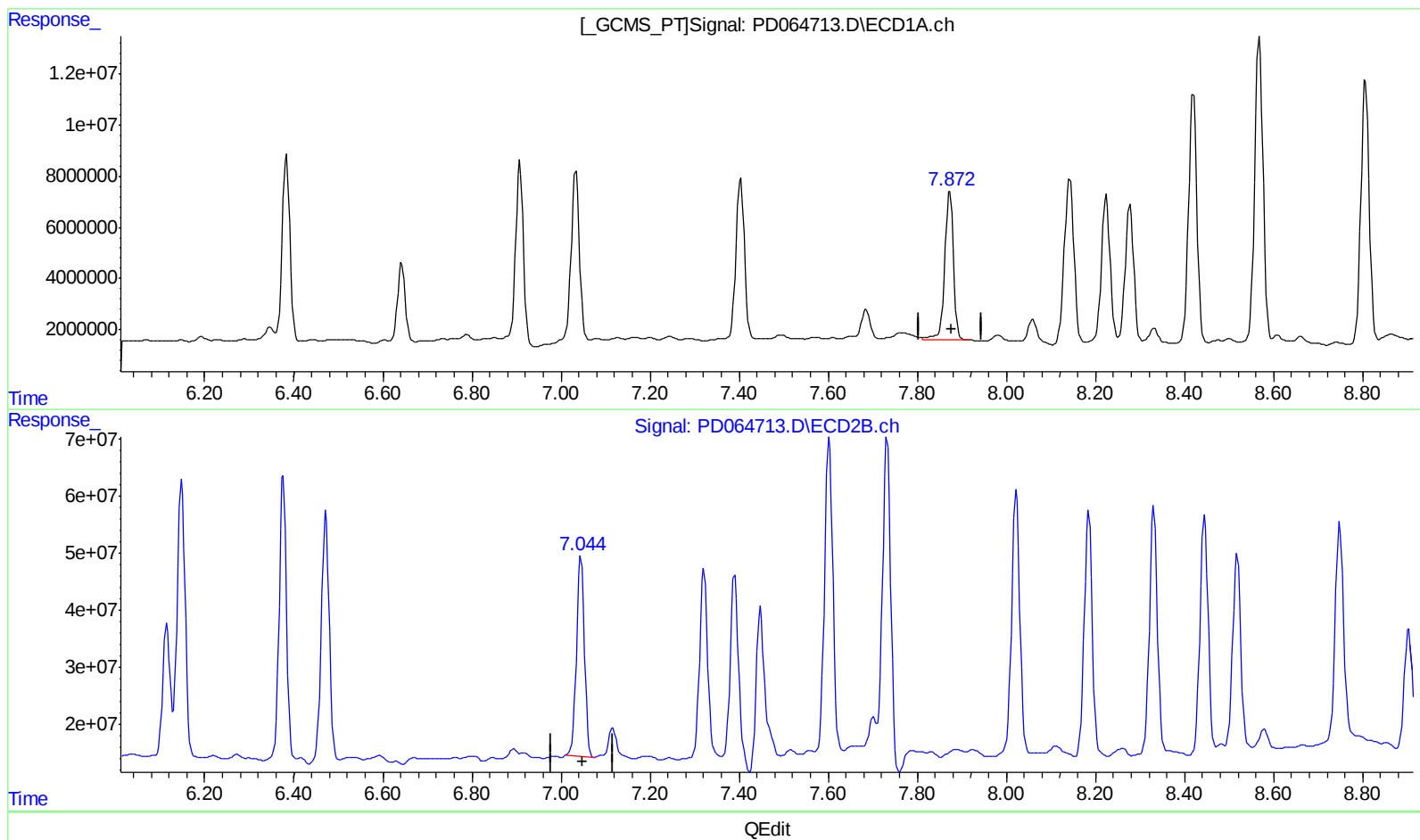
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ECD_D
ClientSampleId :
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(8) Heptachlor epoxide (B)

7.873min 46.215 ng/ml

response 79343903

(8) Heptachlor epoxide #2 (B)

7.045min 47.683 ng/ml

response 441402653

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2021 11:16
Operator : AR\AJ
Sample : M3169-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

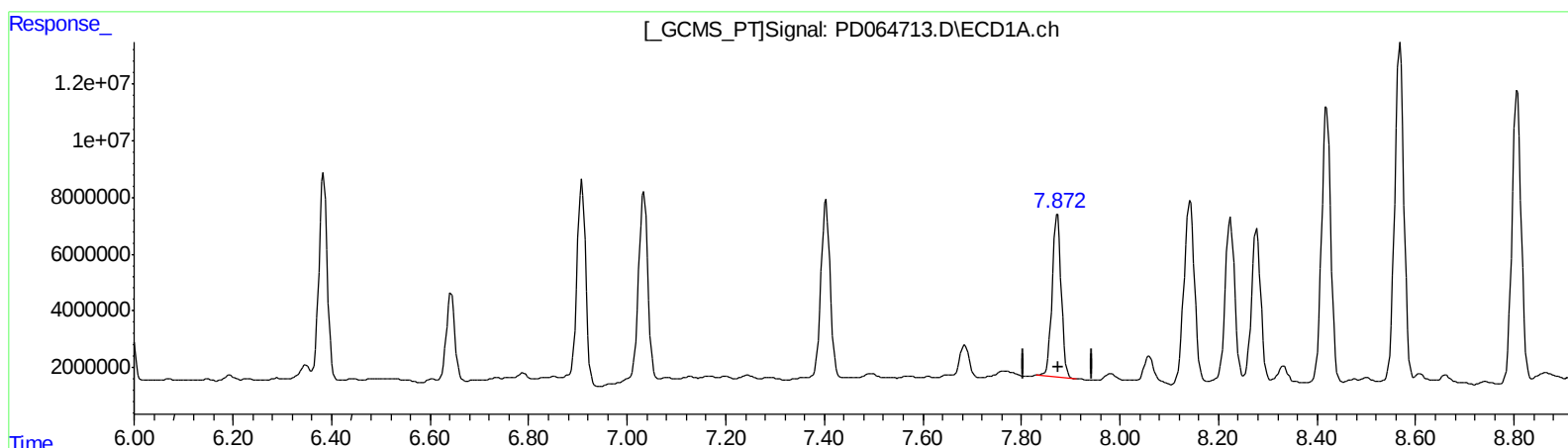
Instrument :
ECD_D
ClientSampleId :
C00A2MSD

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



(8) Heptachlor epoxide (B)

7.872min 43.411 ng/ml m

response 74530139

(8) Heptachlor epoxide #2 (B)

7.044min 48.551 ng/ml m

response 449437923

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
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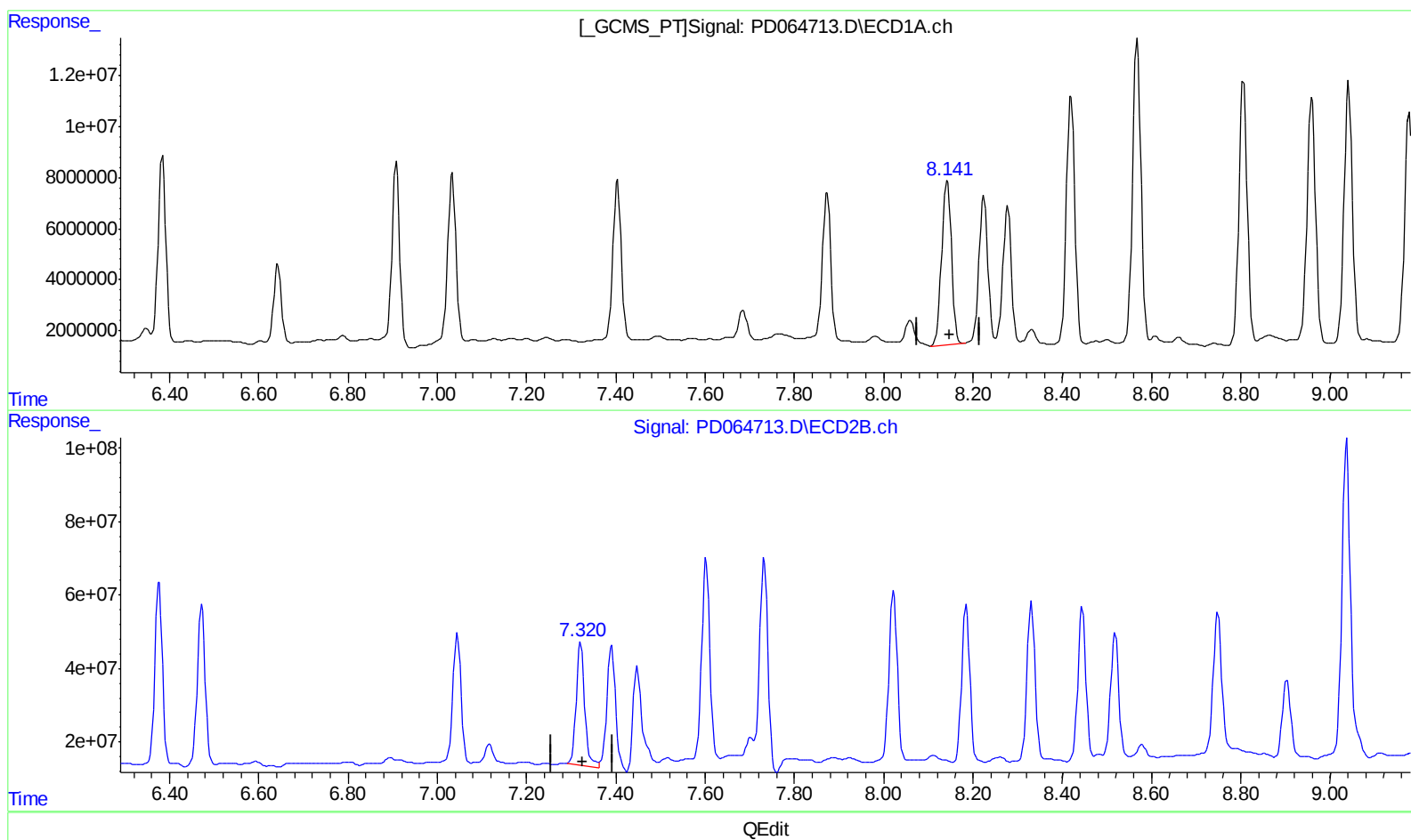
Instrument :
ECD_D
ClientSampleId :
C00A2MSD

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



(10) trans-Chlordane (B)

8.143min 60.379 ng/ml

response 96755436

(10) trans-Chlordane #2 (B)

7.321min 49.590 ng/ml

response 449790721

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2021 11:16
Operator : AR\AJ
Sample : M3169-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

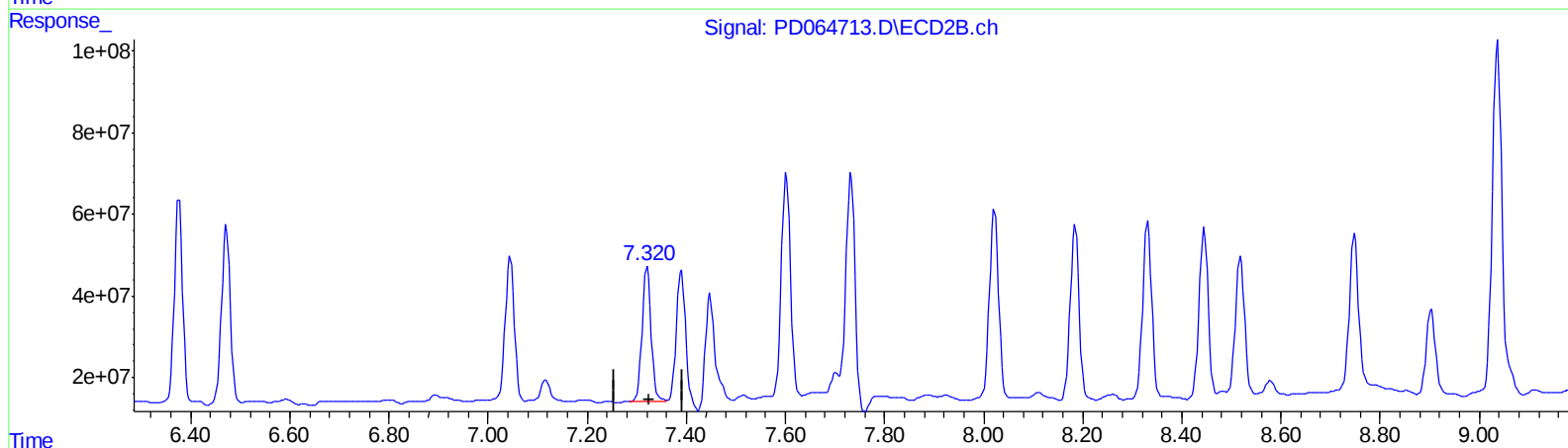
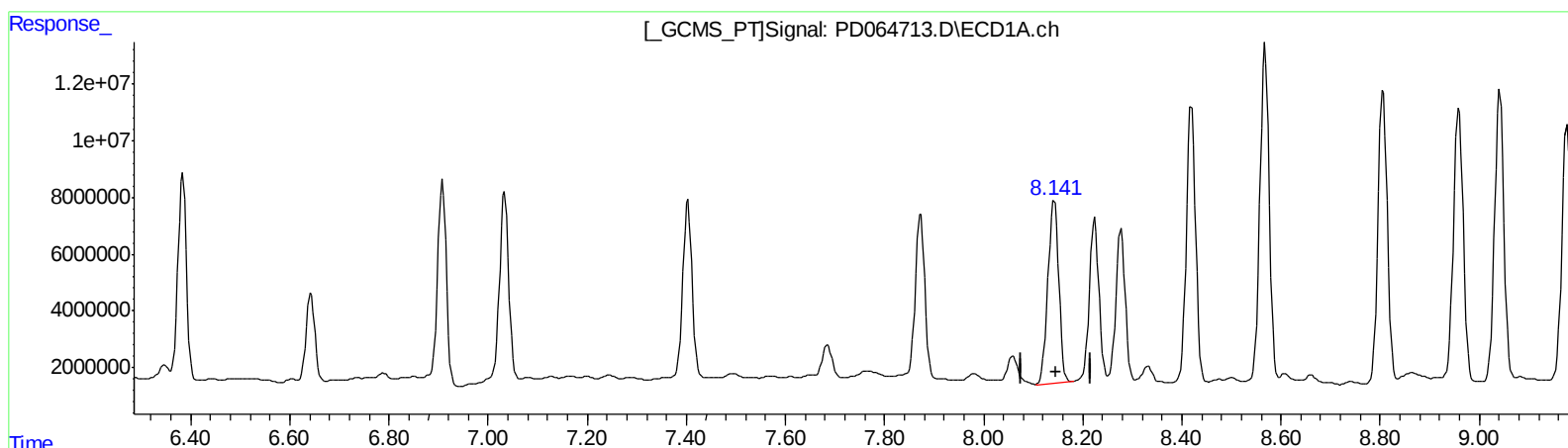
Instrument :
ECD_D
ClientSampleId :
C00A2MSD

Manual Integrations
APPROVED

mohammad
8/5/2021 12:36:55 PM

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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

(10) trans-Chlordane (B)

8.143min 60.379 ng/ml

response 96755436

(10) trans-Chlordane #2 (B)

7.320min 47.000 ng/ml m

response 426300528

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
Data File : PD064713.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2021 11:16
Operator : AR\AJ
Sample : M3169-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

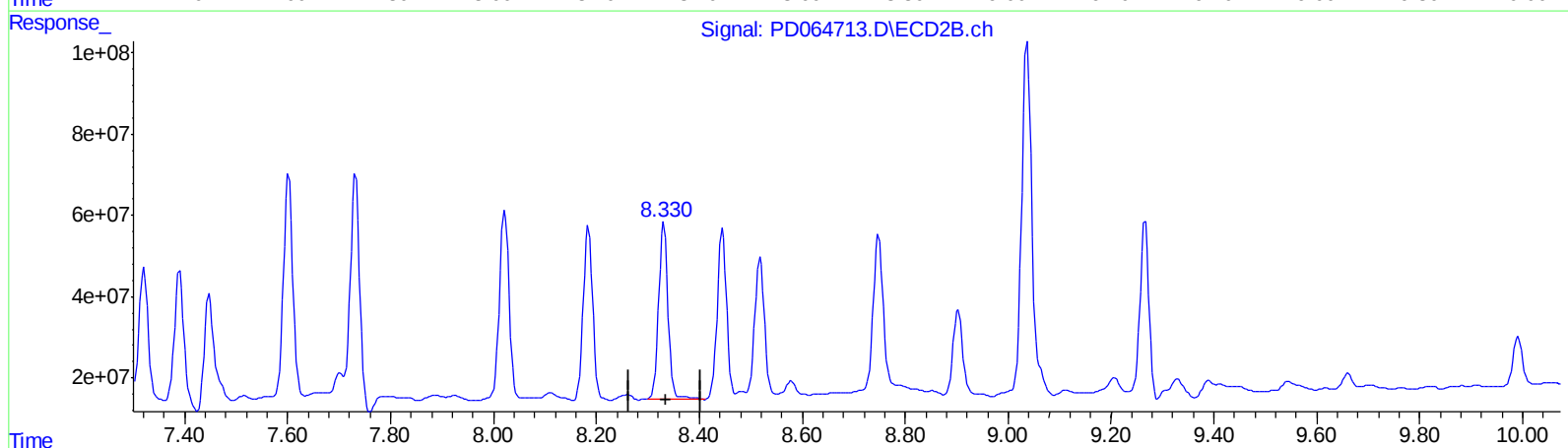
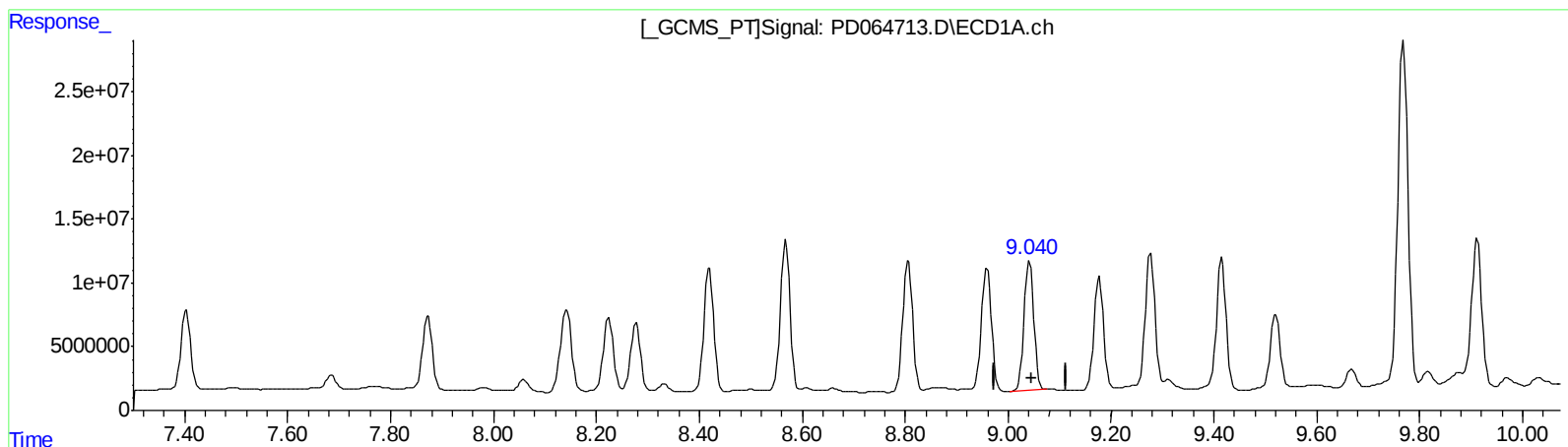
Instrument :
ECD_D
ClientSampleId :
C00A2MSD

Manual Integrations
APPROVED

mohammad
8/5/2021 12:36:55 PM

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QEdit

(15) Endosulfan II (B)
9.042min 101.947 ng/ml
response 132388936

(15) Endosulfan II #2 (B)
8.331min 97.188 ng/ml
response 561012911

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
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ALS Vial : 8 Sample Multiplier: 1

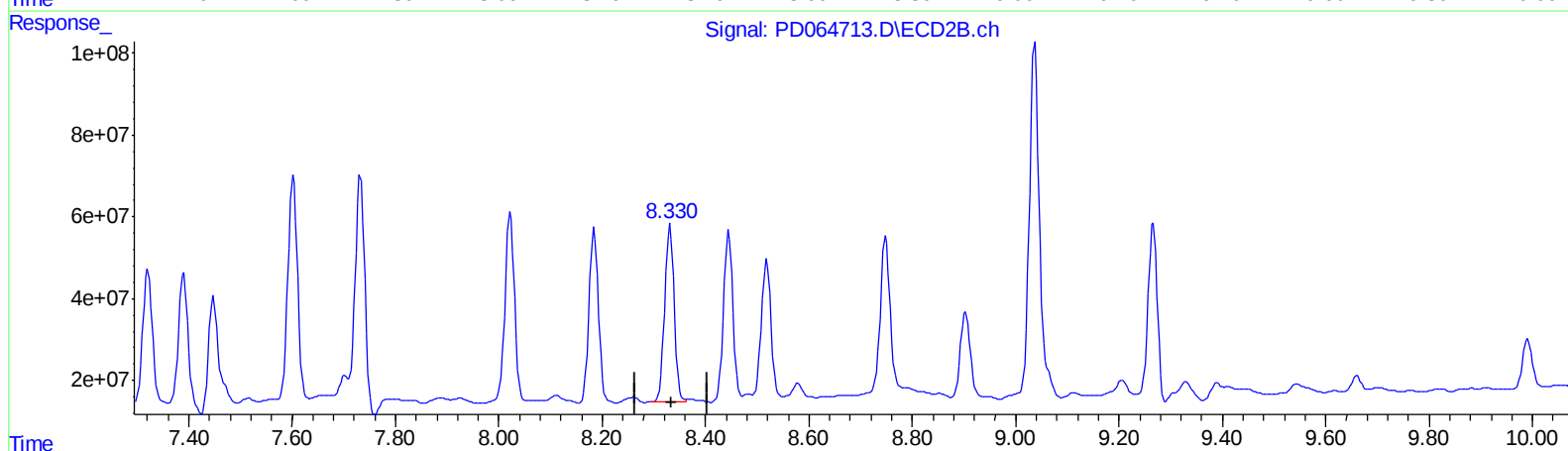
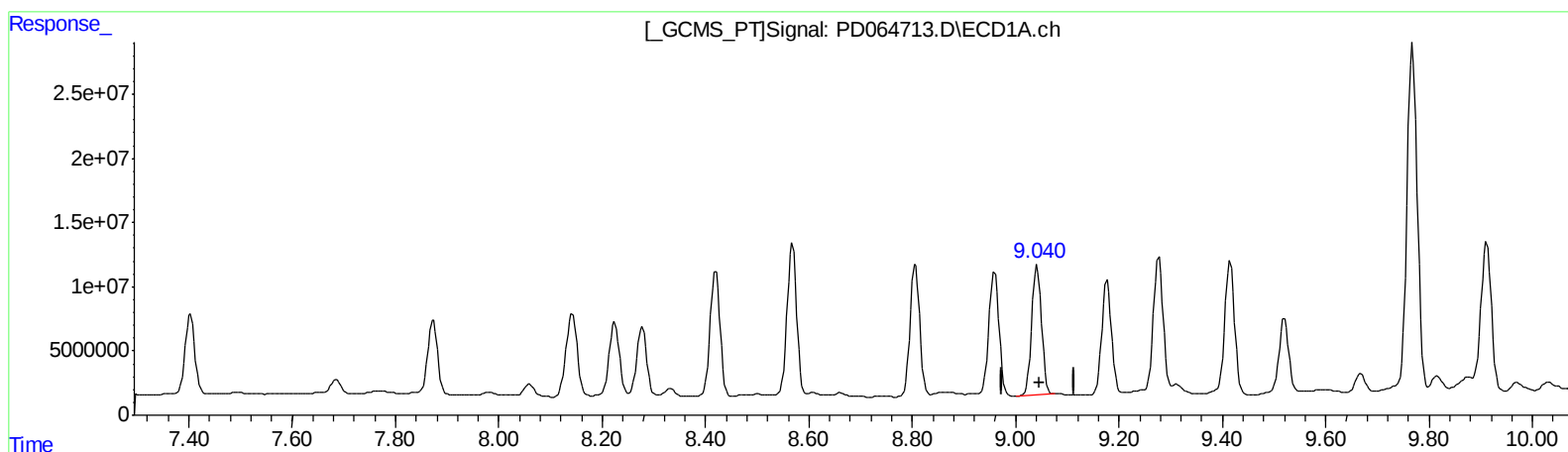
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Manual Integrations
APPROVED

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QEdit

(15) Endosulfan II (B)
9.042min 101.947 ng/ml
response 132388936

(15) Endosulfan II #2 (B)
8.330min 94.829 ng/ml m
response 547394249

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
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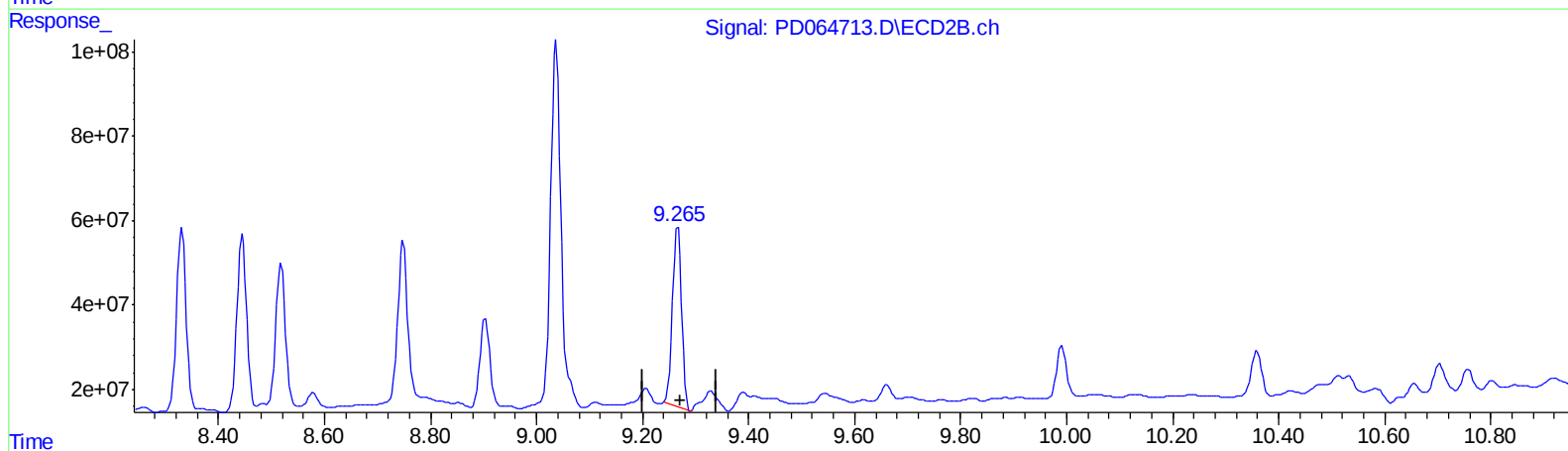
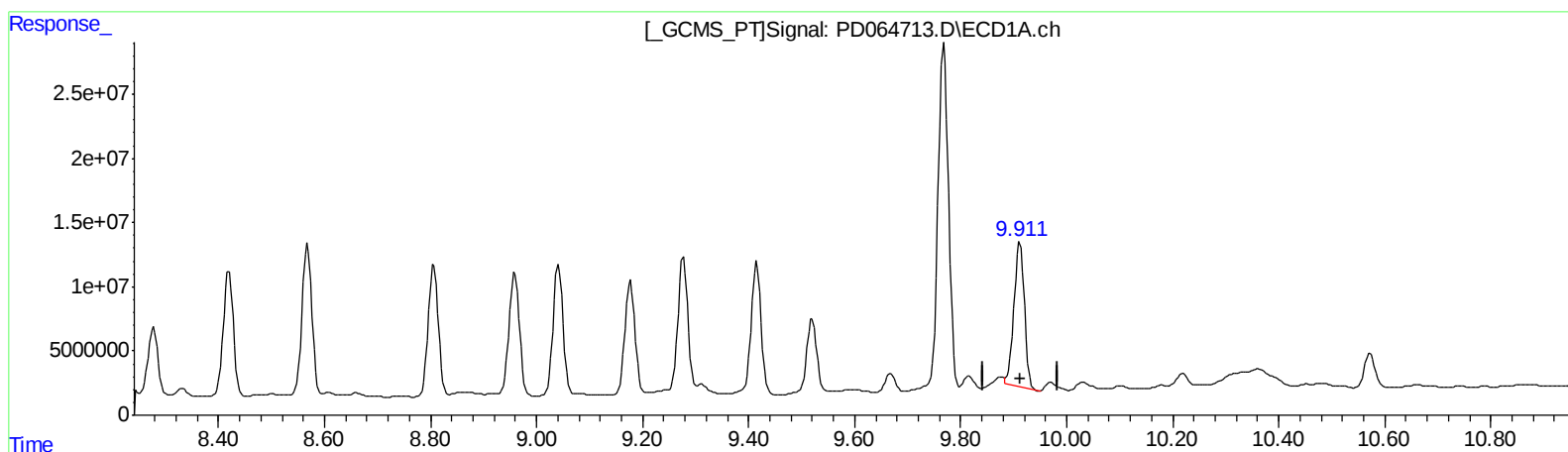
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QEdit

(21) Endrin ketone (B)

9.912min 101.475 ng/ml

response 153520158

(21) Endrin ketone #2 (B)

9.267min 84.516 ng/ml

response 506961720

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
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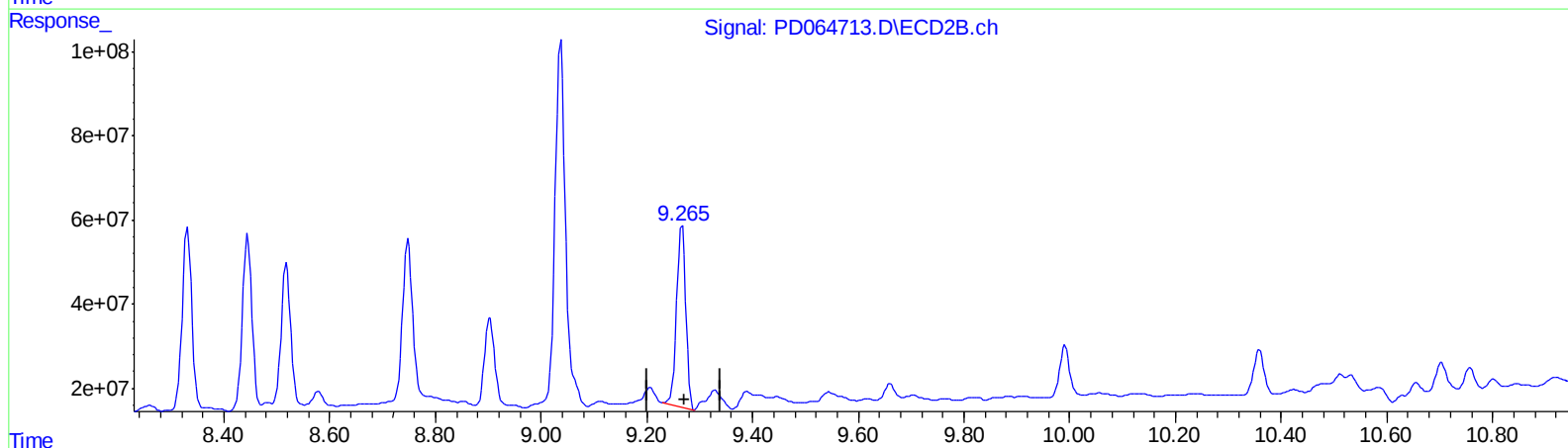
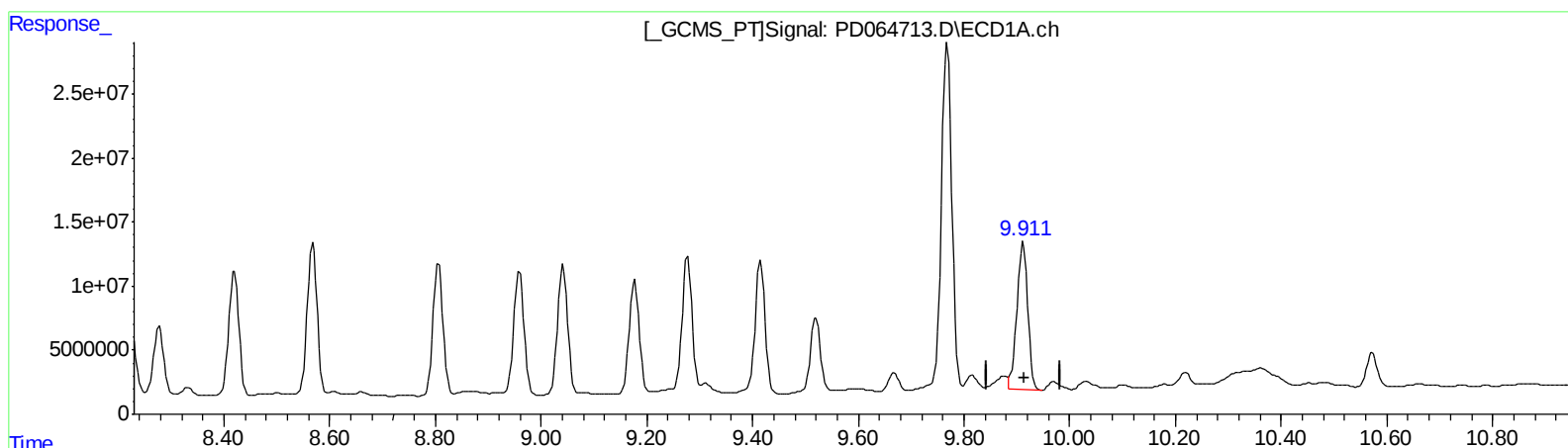
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Manual Integrations
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QEdit

(21) Endrin ketone (B)
9.911min 107.457 ng/ml m
response 162569812

(21) Endrin ketone #2 (B)
9.265min 86.758 ng/ml m
response 520411773

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
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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

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.405	4.617	19221846	180.9E6	16.114	19.795
27) SA Decachlor...	11.303	10.359	32764329	147.6E6	24.890	24.823
Target Compounds						
2) A alpha-BHC	5.987	5.319	91967069	706.4E6	56.453	57.315
3) MA gamma-BHC...	6.384	5.740	87483092	611.3E6	55.780	53.606
4) MA Heptachlor	7.034	6.147	84454545	594.1E6	50.253	52.399m
5) MB Aldrin	7.402	6.472	82329665	547.1E6	52.267m	52.014
6) B beta-BHC	6.643	6.114	37631460	260.3E6	48.235	42.899m
7) B delta-BHC	6.908	6.376	90008590	571.0E6	51.724	52.561
8) B Heptachlo...	7.872	7.044	74530139	449.4E6	43.411m	48.551m
9) A Endosulfan I	8.278	7.448	65554082	388.6E6	46.504	50.534
10) B trans-Chl...	8.143	7.320	96755436	426.3E6	60.379	47.000m
11) B cis-Chlor...	8.224	7.390	74315046	460.3E6	47.696	51.750
12) B 4,4'-DDE	8.420	7.602	128.5E6	691.4E6	89.173	91.632
13) MA Dieldrin	8.568	7.733	153.7E6	734.3E6	103.087	91.428
14) MA Endrin	8.806	8.022	137.1E6	604.8E6	107.094	105.276
15) B Endosulfa...	9.042	8.330	132.4E6	547.4E6	101.947	94.829m
16) A 4,4'-DDD	8.959	8.185	134.9E6	537.2E6	109.904	93.263
17) MA 4,4'-DDT	9.277	8.445	133.3E6	515.0E6	102.101	93.554
18) B Endrin al...	9.177	8.518	115.8E6	417.5E6	102.211	84.589
19) B Endosulfa...	9.415	8.749	135.4E6	495.5E6	98.237	91.932
20) A Methoxychlor	9.768	9.037	365.0E6	1179.7E6	510.116	460.702
21) B Endrin ke...	9.911	9.265	162.6E6	520.4E6	107.457m	86.758m

AJ
 08/10/21

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