

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 05:19
Operator : AR\AJ
Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

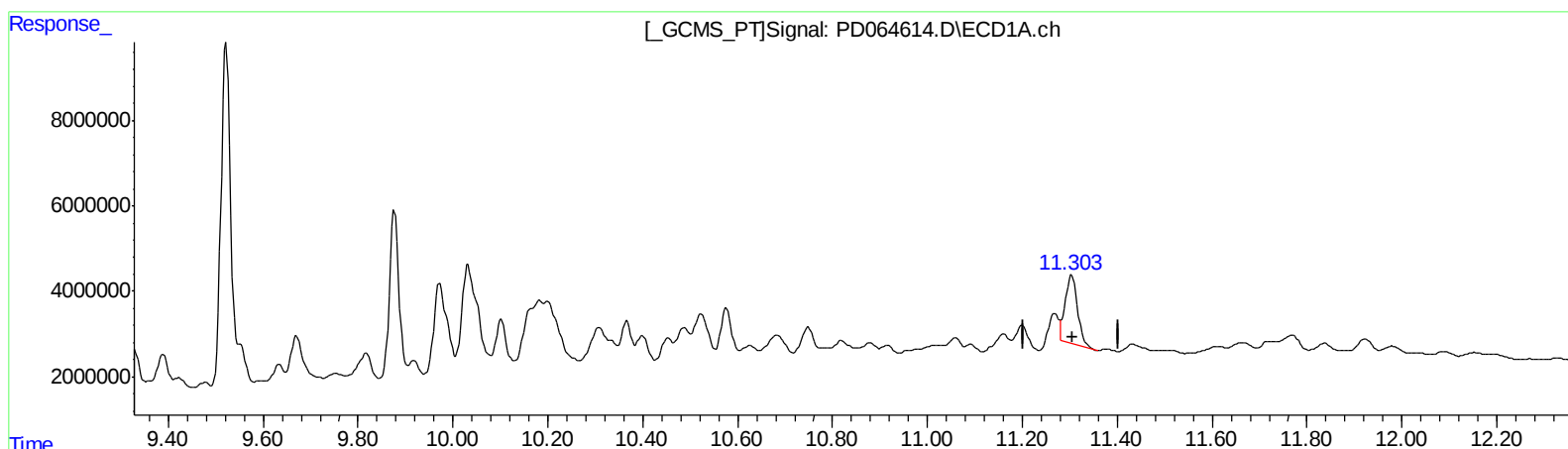
Instrument :
ECD_D
ClientSampleId :
C0066

Manual Integrations
APPROVED

mohammad
8/2/2021 12:37:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 06:31:13 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



(27) Decachlorobiphenyl (SA)

11.304min 21.513 ng/ml

response 28319579

(27) Decachlorobiphenyl #2 (SA)

10.363min 27.248 ng/ml

response 162037952

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Acq On : 31 Jul 2021 05:19
Operator : AR\AJ
Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

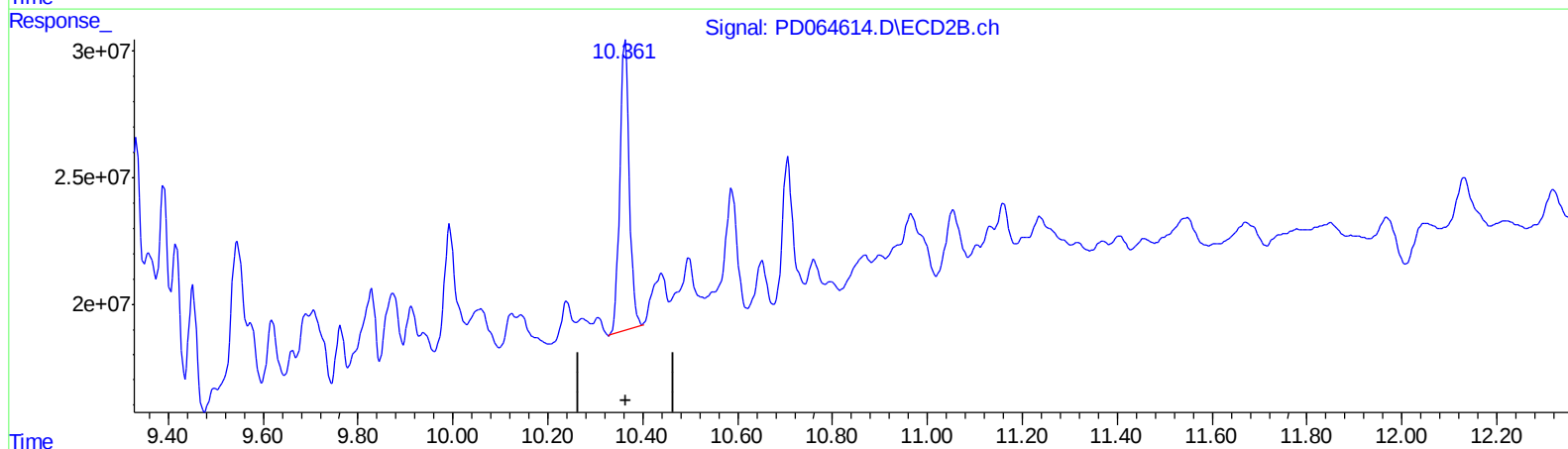
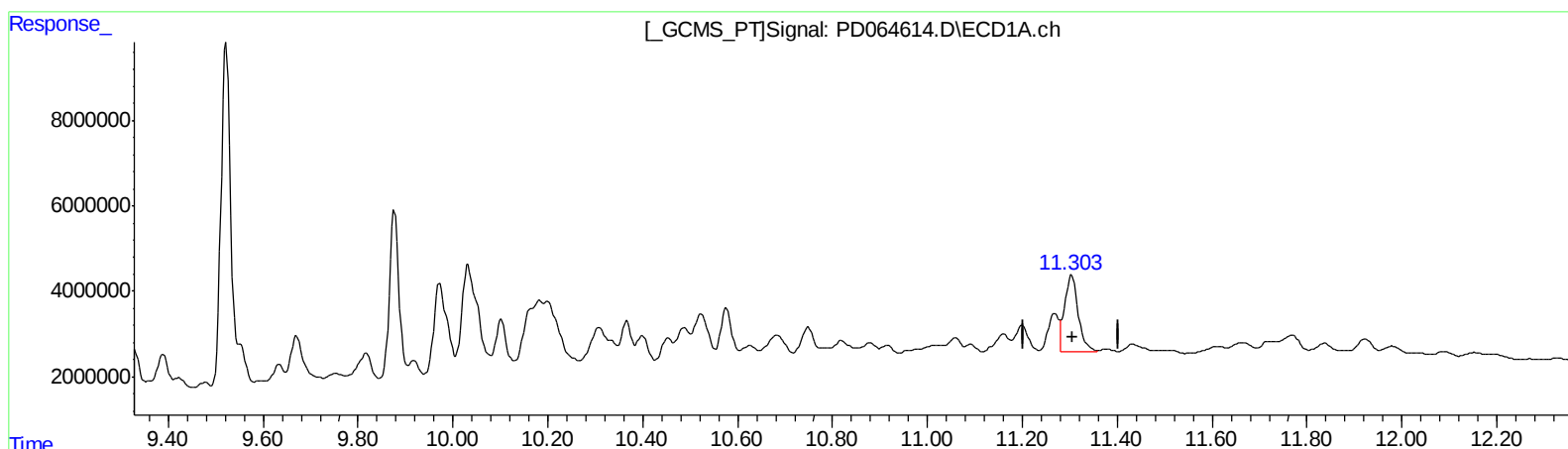
Instrument :
ECD_D
ClientSampleId :
C0066

Manual Integrations
APPROVED

mohammad
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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

(27) Decachlorobiphenyl (SA)

11.303min 26.383 ng/ml m

response 34729646

(27) Decachlorobiphenyl #2 (SA)

10.363min 27.248 ng/ml

response 162037952

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 05:19
Operator : AR\AJ
Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

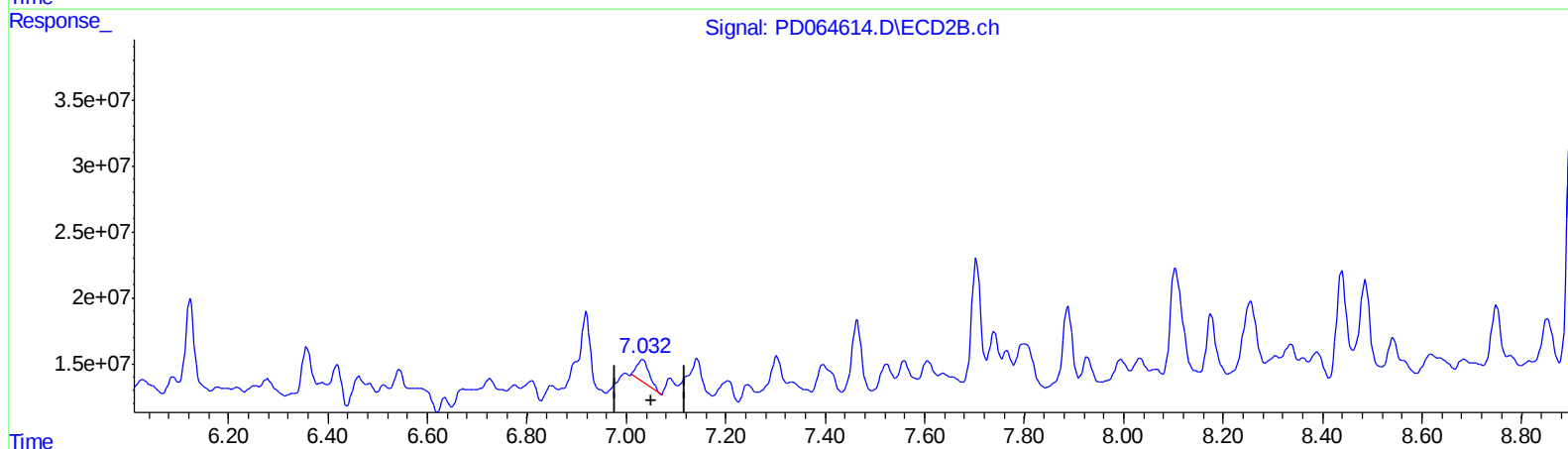
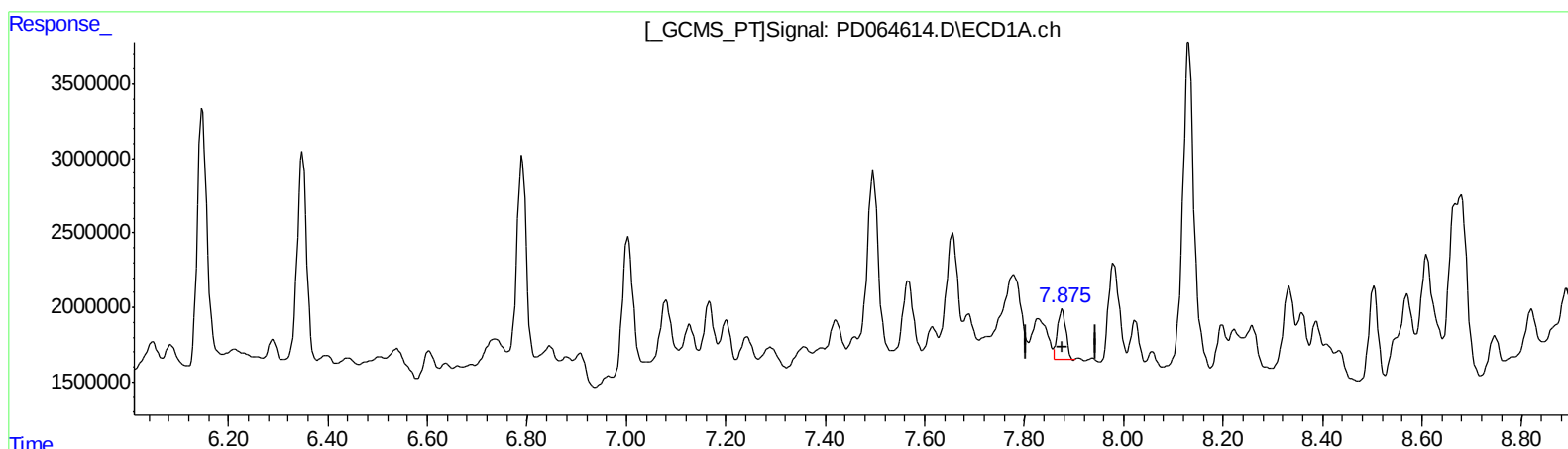
Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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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)

7.877min 2.404 ng/ml

response 4127439

(8) Heptachlor epoxide #2 (B)

7.033min 3.274 ng/ml

response 30305904

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Acq On : 31 Jul 2021 05:19
Operator : AR\AJ
Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

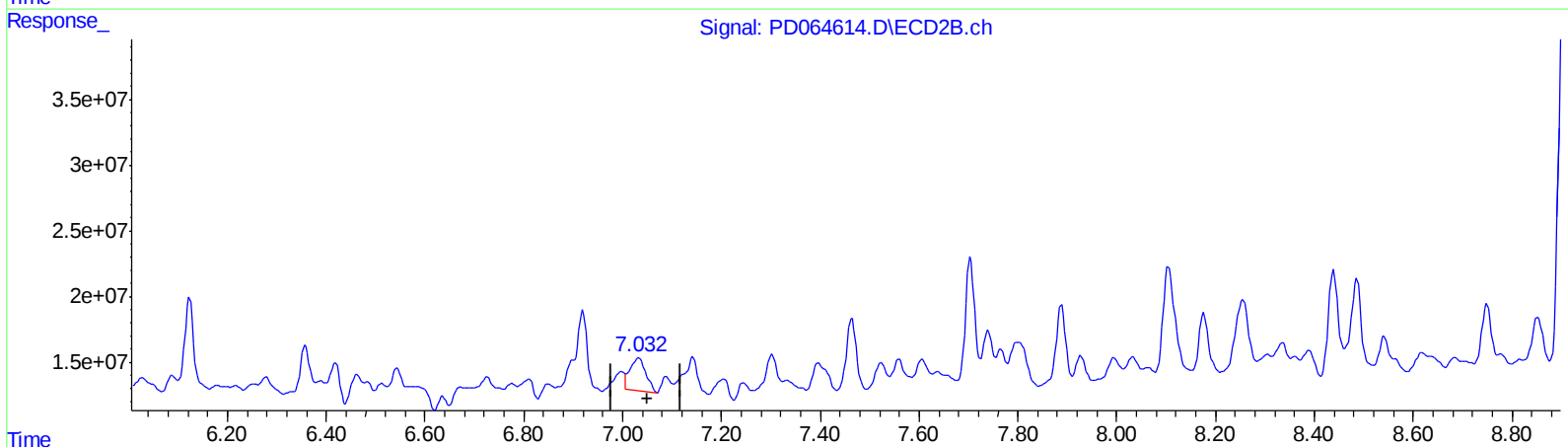
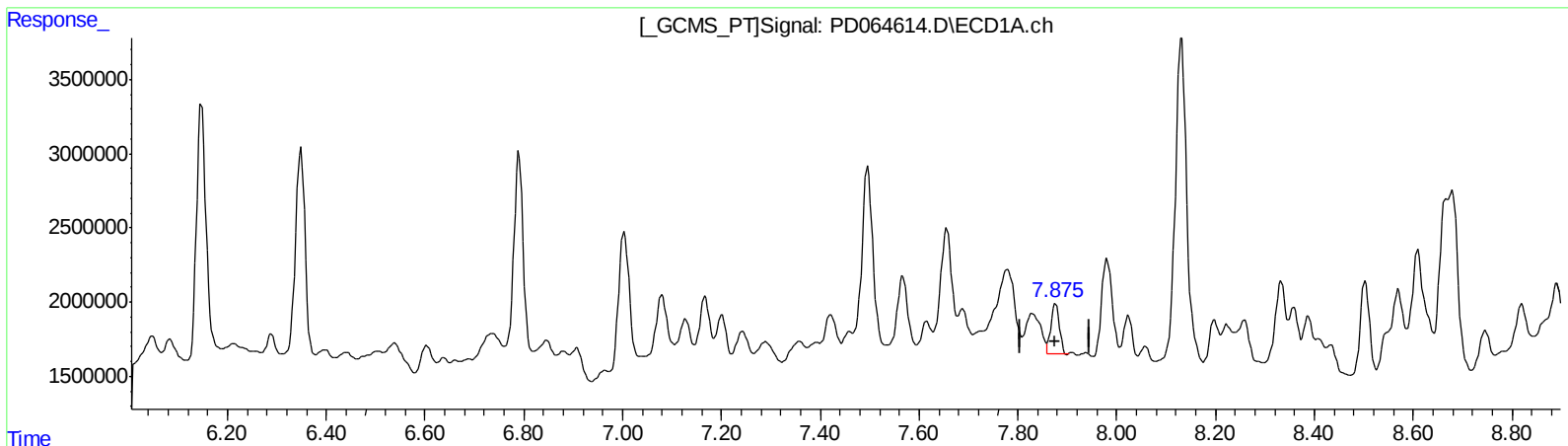
Instrument :
ECD_D
ClientSampleId :
C0066

Manual Integrations
APPROVED

mohammad
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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

(8) Heptachlor epoxide (B)

7.877min 2.404 ng/ml

response 4127439

(8) Heptachlor epoxide #2 (B)

7.032min 5.872 ng/ml m

response 54359032

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 05:19
Operator : AR\AJ
Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

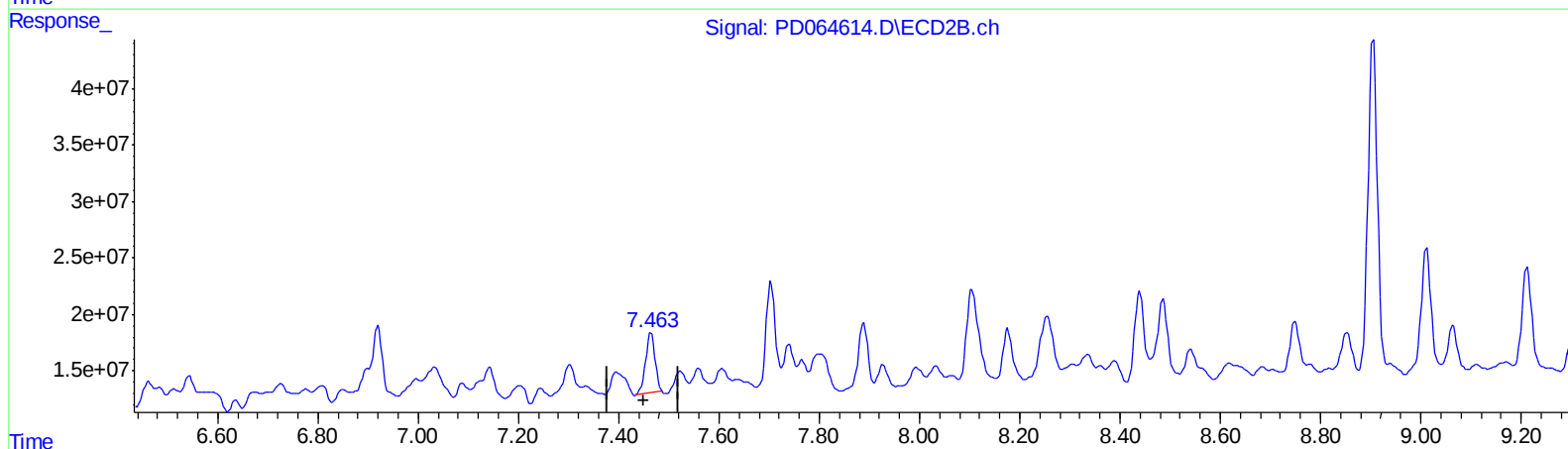
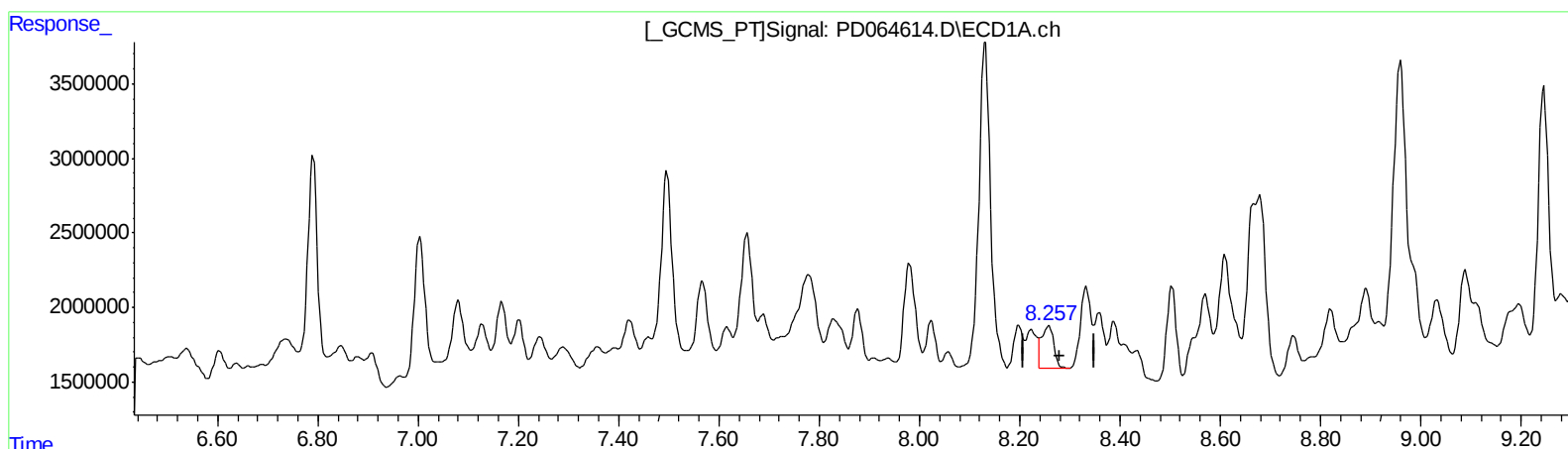
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(9) Endosulfan I (A)
8.259min 3.444 ng/ml
response 4855530

(9) Endosulfan I #2 (A)
7.464min 8.807 ng/ml
response 67720457

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 05:19
Operator : AR\AJ
Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

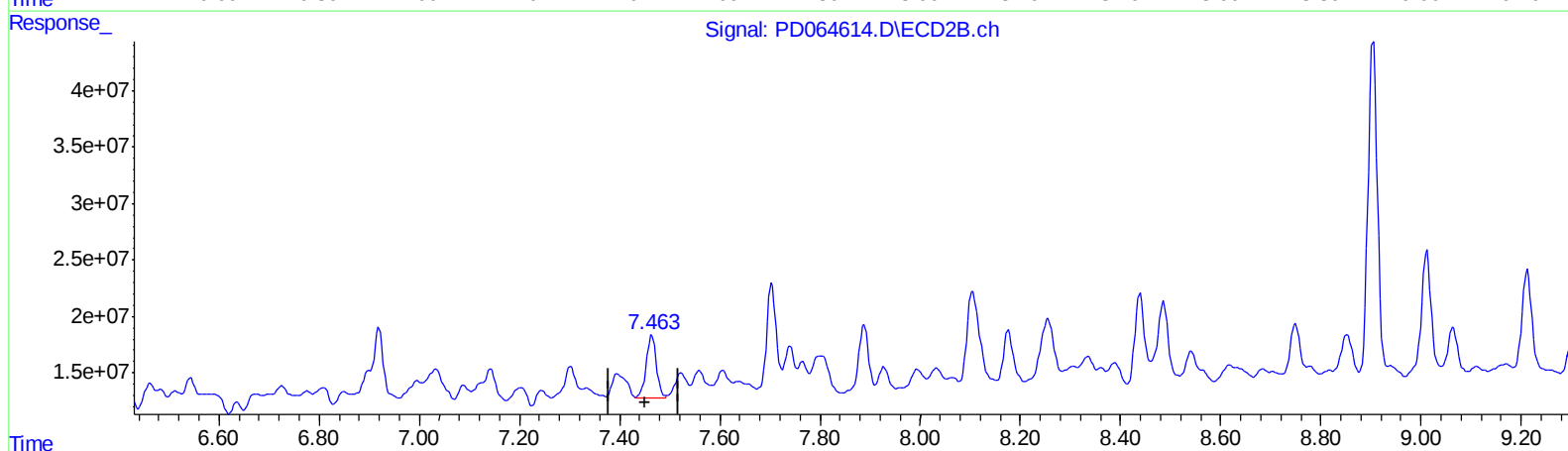
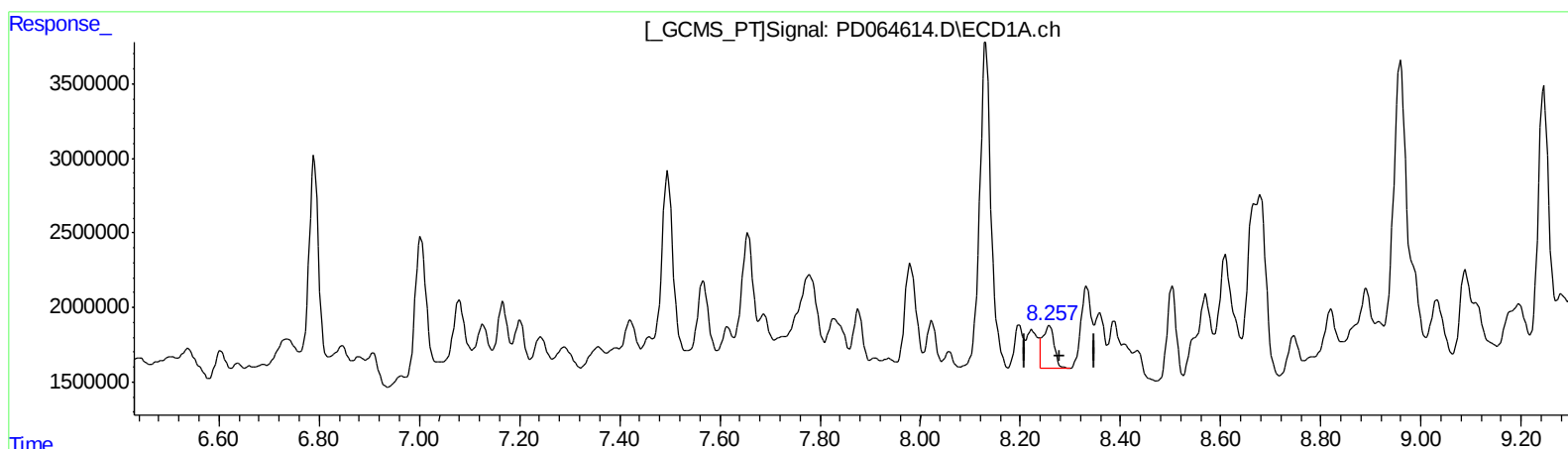
Instrument :
ECD_D
ClientSampleId :
C0066

Manual Integrations
APPROVED

mohammad
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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

(9) Endosulfan I (A)

8.259min 3.444 ng/ml

response 4855530

(9) Endosulfan I #2 (A)

7.463min 9.869 ng/ml m

response 75885166

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 05:19
Operator : AR\AJ
Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

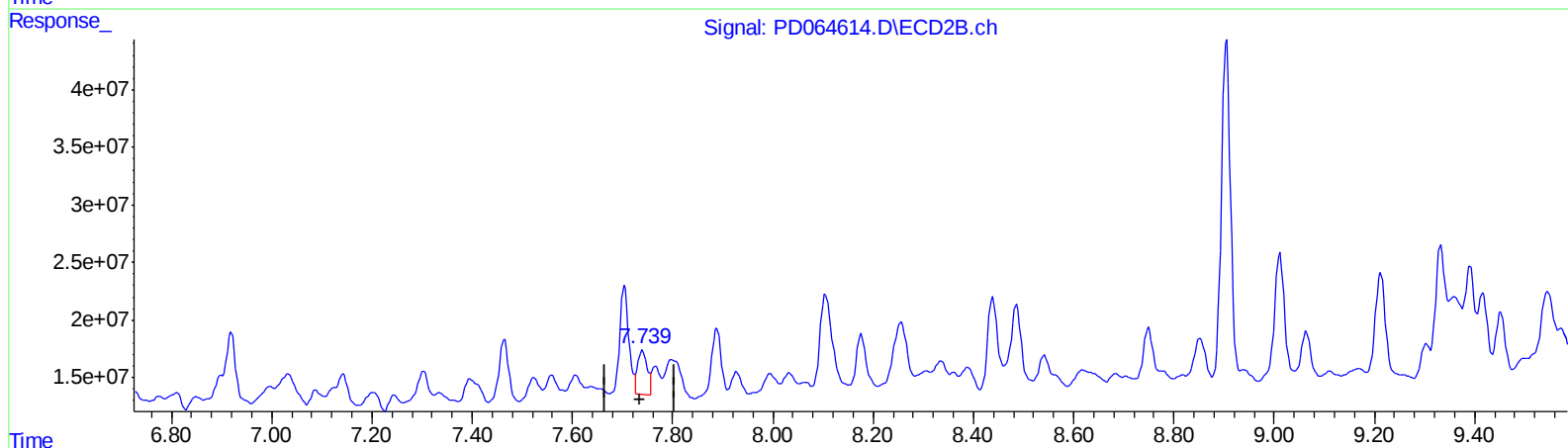
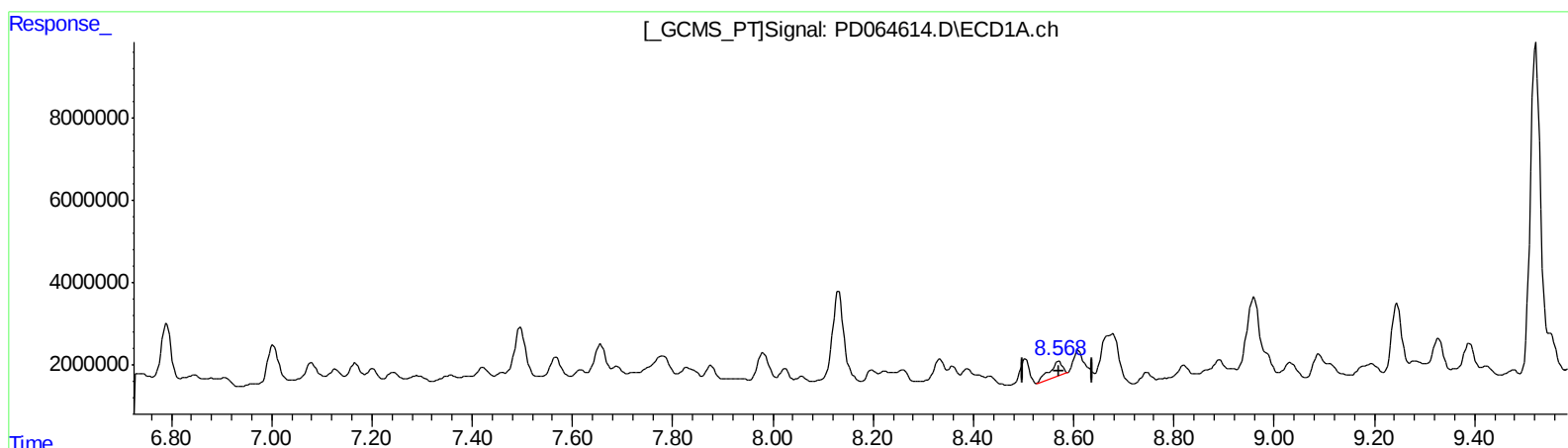
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ECD_D
ClientSampleId :
C0066

Manual Integrations
APPROVED

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



QEdit

(13) Dieldrin (MA)
8.570min 3.888 ng/ml
response 5798545

(13) Dieldrin #2 (MA)
7.740min 6.315 ng/ml
response 50724473

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Acq On : 31 Jul 2021 05:19
Operator : AR\AJ
Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

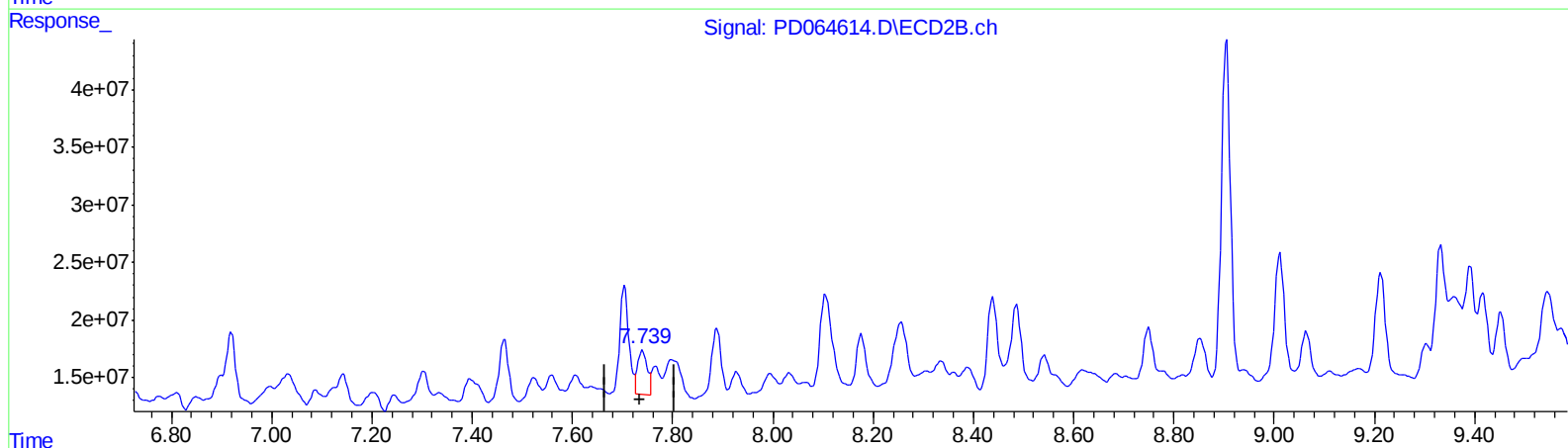
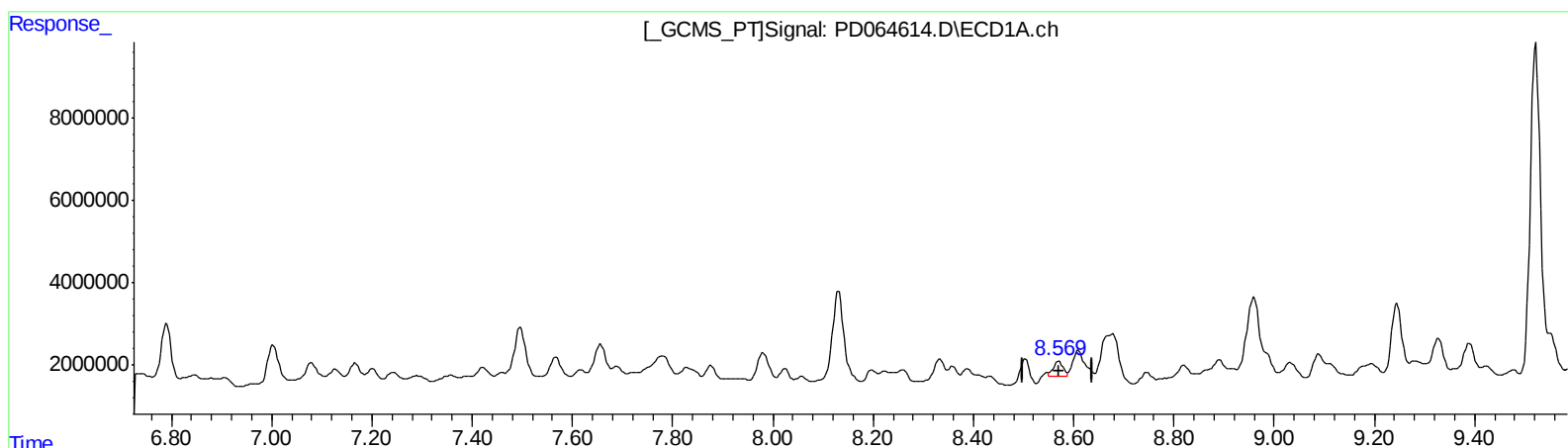
Instrument :
ECD_D
ClientSampleId :
C0066

Manual Integrations
APPROVED

mohammad
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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)
8.569min 3.050 ng/ml m
response 4548329

(13) Dieldrin #2 (MA)
7.740min 6.315 ng/ml
response 50724473

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 05:19
Operator : AR\AJ
Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

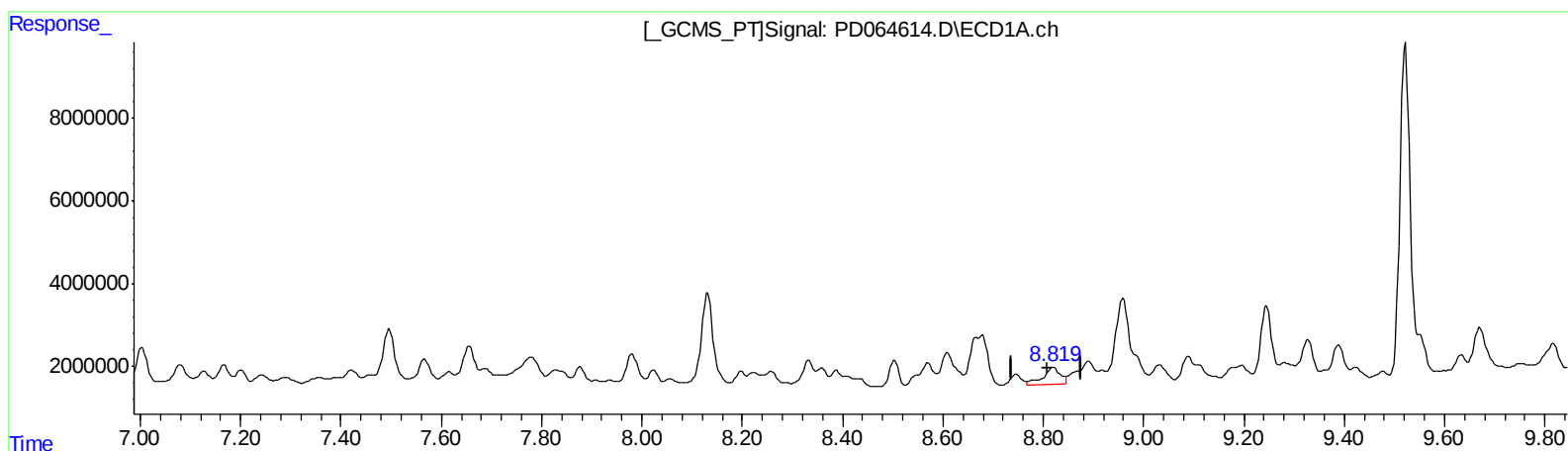
Instrument :
ECD_D
ClientSampleId :
C0066

Manual Integrations
APPROVED

mohammad
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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



(14) Endrin (MA)

8.820min 7.286 ng/ml

response 9328850

(14) Endrin #2 (MA)

8.033min 1.049 ng/ml

response 6023758

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 05:19
Operator : AR\AJ
Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

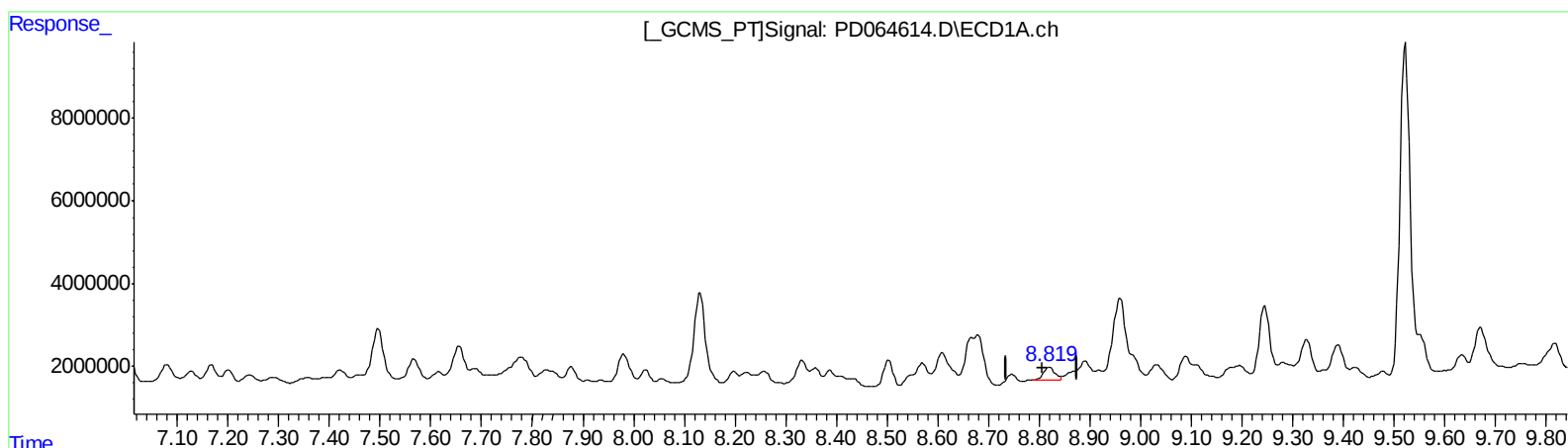
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Manual Integrations
APPROVED

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(14) Endrin (MA)

8.819min 4.178 ng/ml m

response 5349939

(14) Endrin #2 (MA)

8.032min 2.047 ng/ml m

response 11759516

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

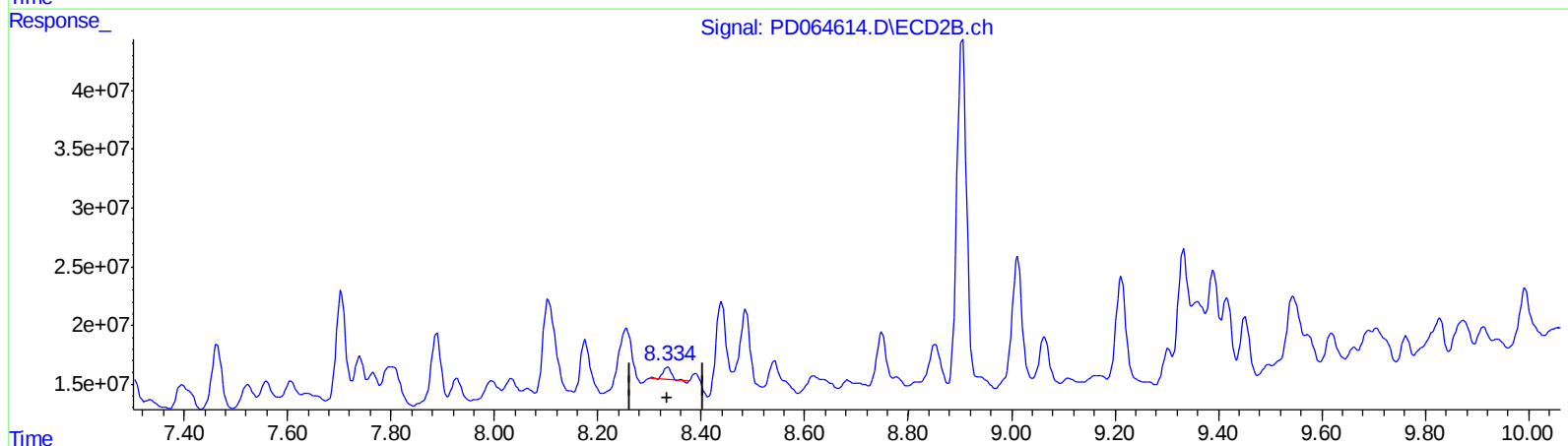
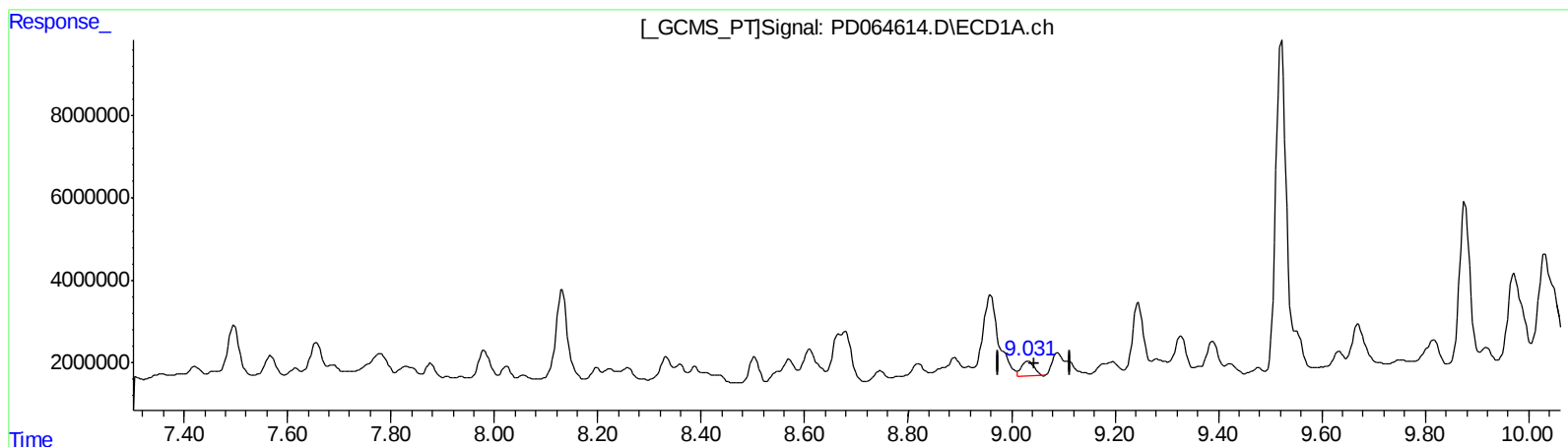
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Manual Integrations
APPROVED

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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

(15) Endosulfan II (B)
9.032min 5.049 ng/ml
response 6556669

(15) Endosulfan II #2 (B)
8.336min 1.947 ng/ml
response 11239648

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 05:19
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Sample : M3123-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

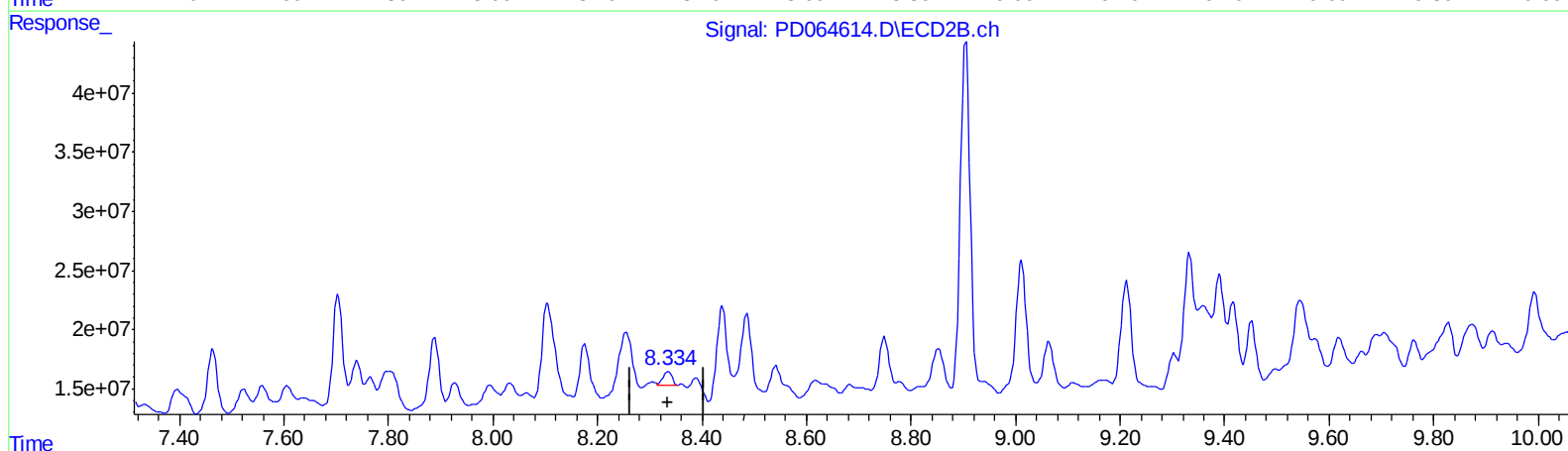
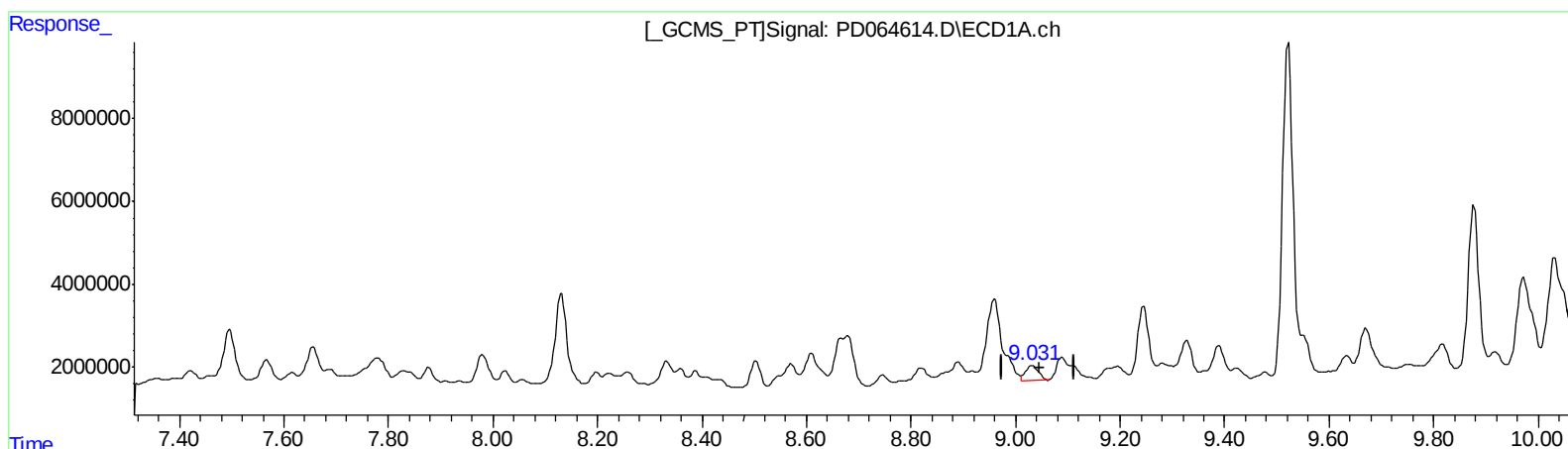
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Manual Integrations
APPROVED

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



QEdit

(15) Endosulfan II (B)
9.032min 5.049 ng/ml
response 6556669

(15) Endosulfan II #2 (B)
8.334min 2.403 ng/ml m
response 13871679

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc :
ALS Vial : 46 Sample Multiplier: 1

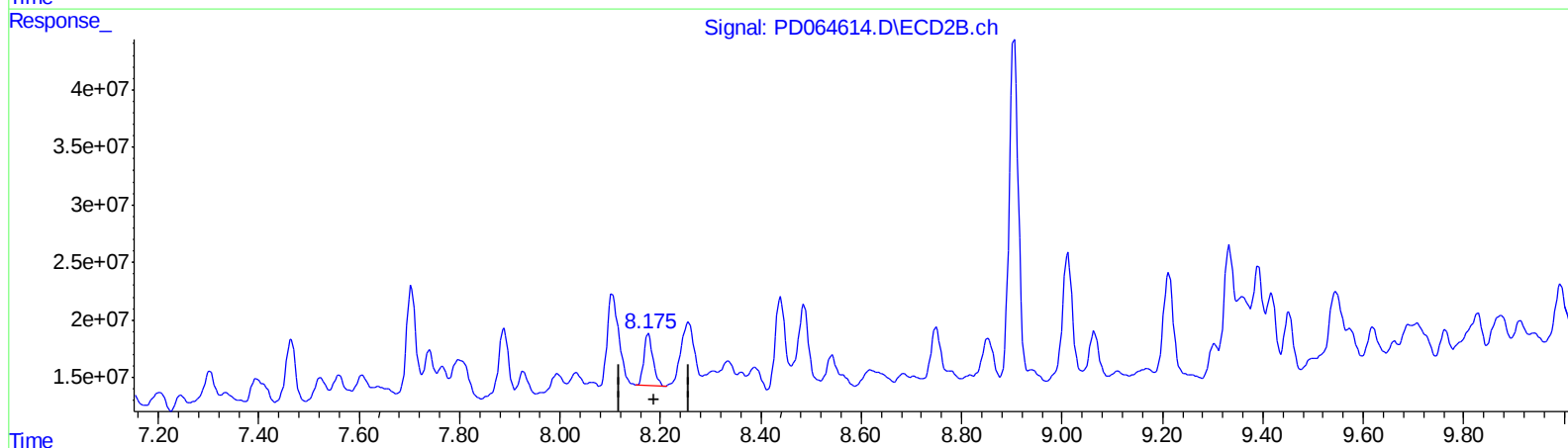
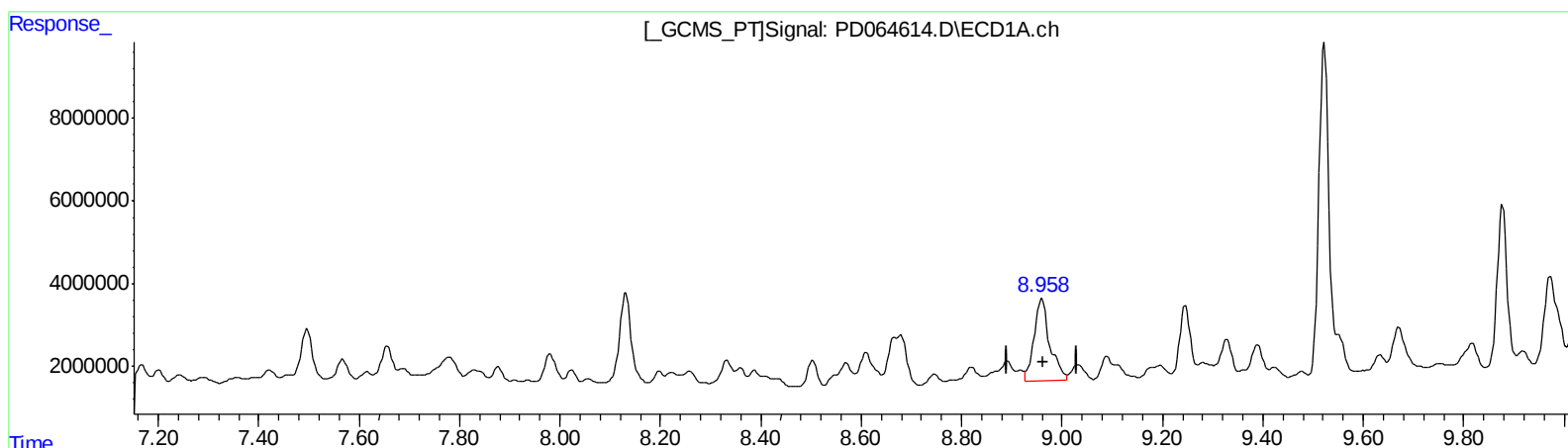
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(16) 4,4'-DDD (A)
8.960min 35.613 ng/ml
response 43716144

(16) 4,4'-DDD #2 (A)
8.176min 9.801 ng/ml
response 56450834

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc :
ALS Vial : 46 Sample Multiplier: 1

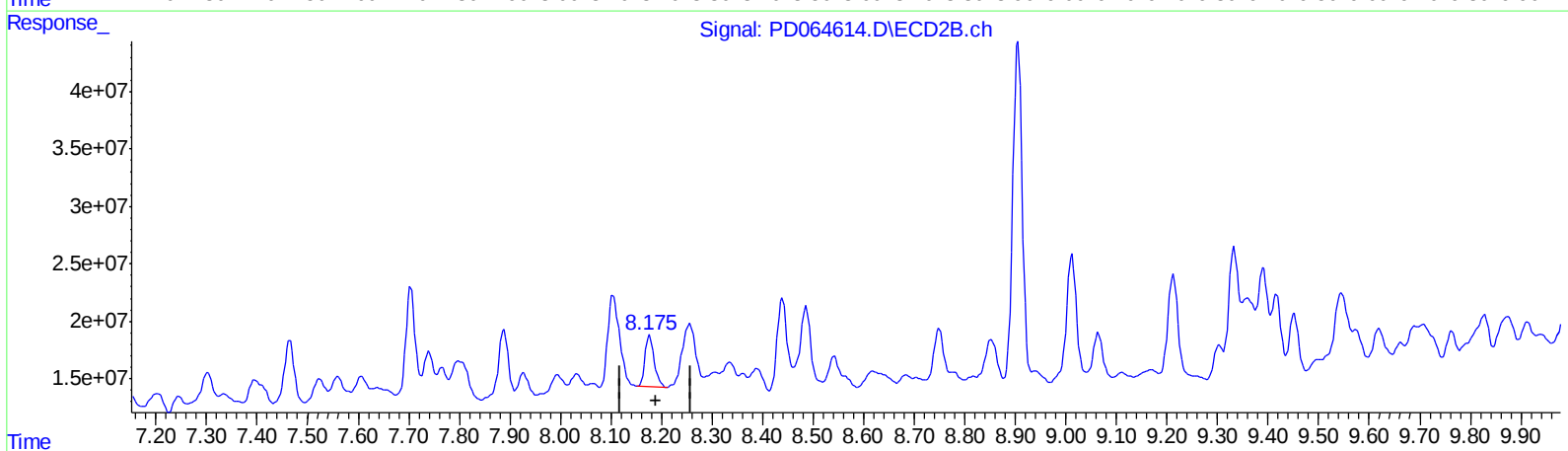
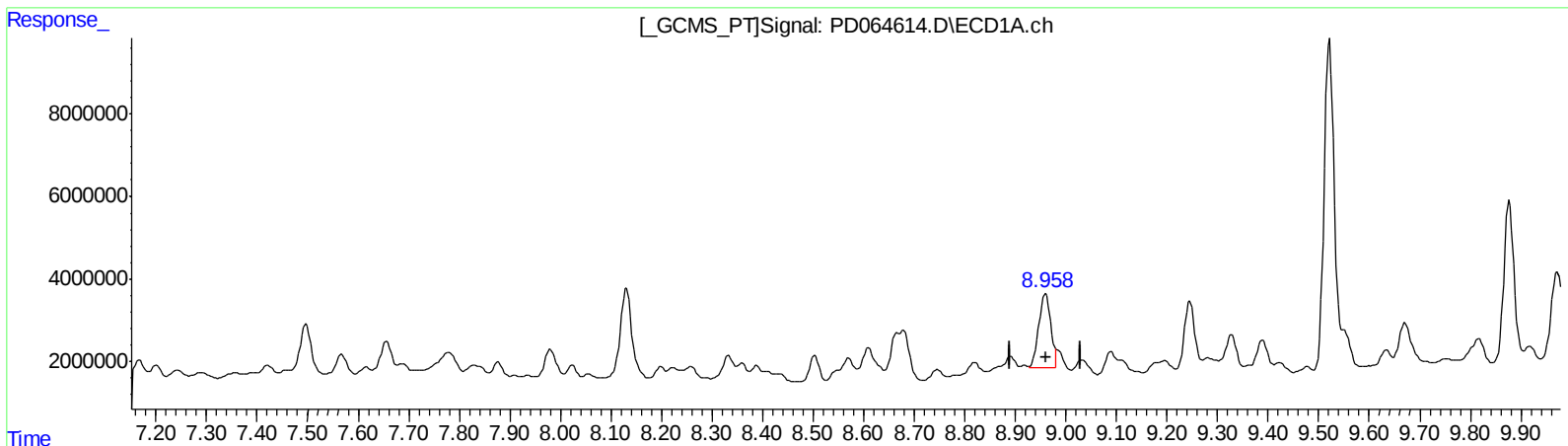
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Manual Integrations
APPROVED

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

(16) 4,4'-DDD (A)
8.958min 24.107 ng/ml m
response 29592818

(16) 4,4'-DDD #2 (A)
8.176min 9.801 ng/ml
response 56450834

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0066

Manual Integrations
 APPROVED

mohammad
 8/2/2021 12:37:48 PM

Integration File signal 1: autoint1.e
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 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 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
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System Monitoring Compounds

1) SA Tetrachlo...	5.407	4.618	18424722	144.0E6	15.445	15.756
27) SA Decachlor...	11.303	10.363	34729646	162.0E6	26.383m	27.248

Target Compounds

6) B beta-BHC	6.638	6.124	647083	71652810	0.829	11.811 #
8) B Heptachlo...	7.877	7.032	4127439	54359032	2.404	5.872m#
9) A Endosulfan I	8.259	7.463	4855530	75885166	3.444	9.869m#
11) B cis-Chlor...	8.223	7.396	3700007	39474640	2.375	4.438 #
13) MA Dieldrin	8.569	7.740	4548329	50724473	3.050m	6.315 #
14) MA Endrin	8.819	8.032	5349939	11759516	4.178m	2.047m#
15) B Endosulfa...	9.032	8.334	6556669	13871679	5.049	2.403m#
16) A 4,4'-DDD	8.958	8.176	29592818	56450834	24.107m	9.801 #

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

AJ
 08/03/21