Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 16:39
Operator : AR\AJ
Sample : M4833-10MSD 4X
Misc :
ALS Vial : 30 Sample Multiplier: 1

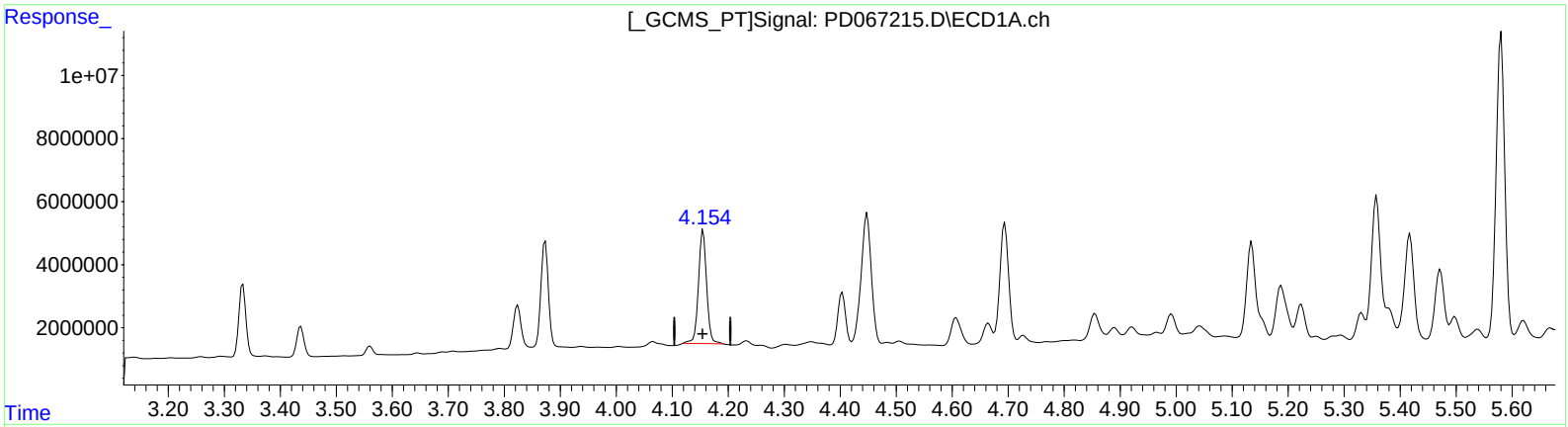
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:56:48 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 05:28:01 2021
Response via : Initial Calibration
Integrator: ChemStation

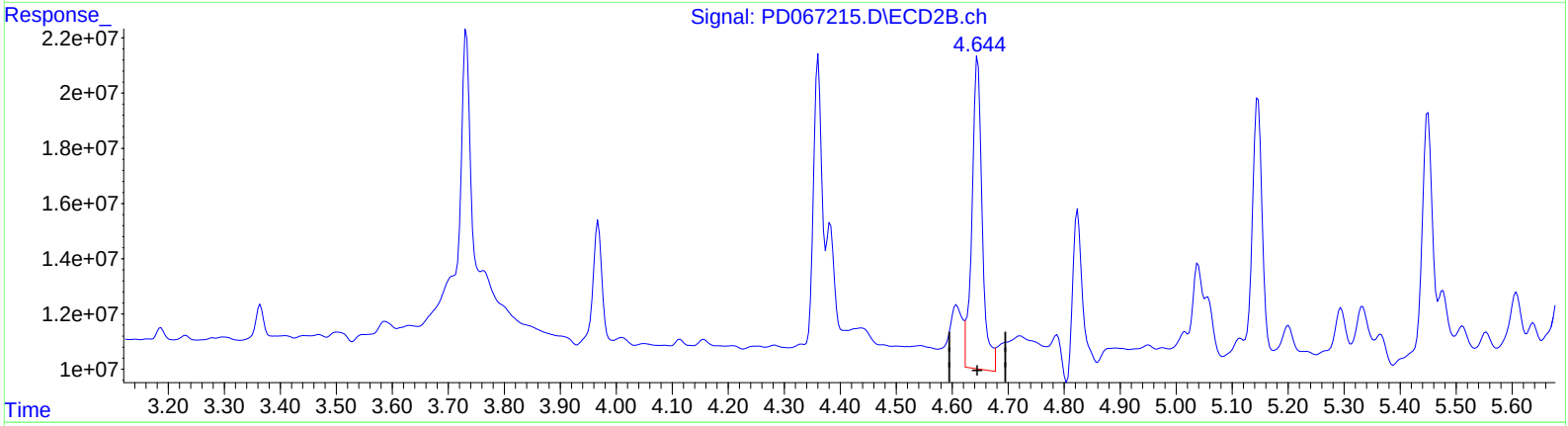
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021





QEdit

(3) gamma-BHC (Lindane) (MA)

4.155min 11.487 ng/ml

response 36557070

(3) gamma-BHC (Lindane) #2 (MA)

4.646min 14.316 ng/ml

response 143615676

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 16:39
Operator : AR\AJ
Sample : M4833-10MSD 4X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Time: Dec 03 04:56:48 2021
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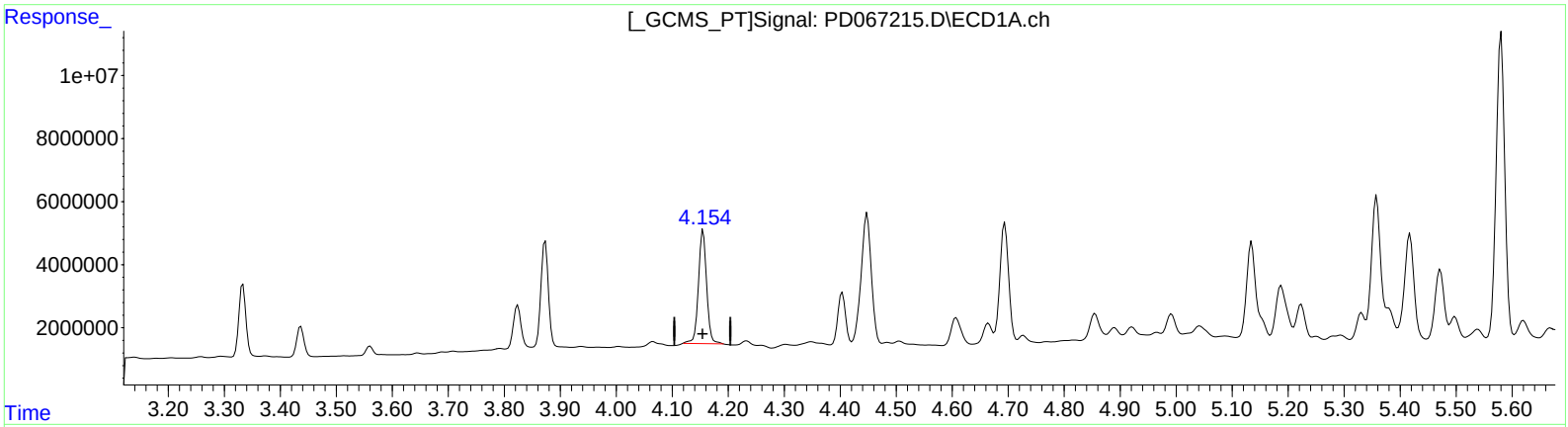
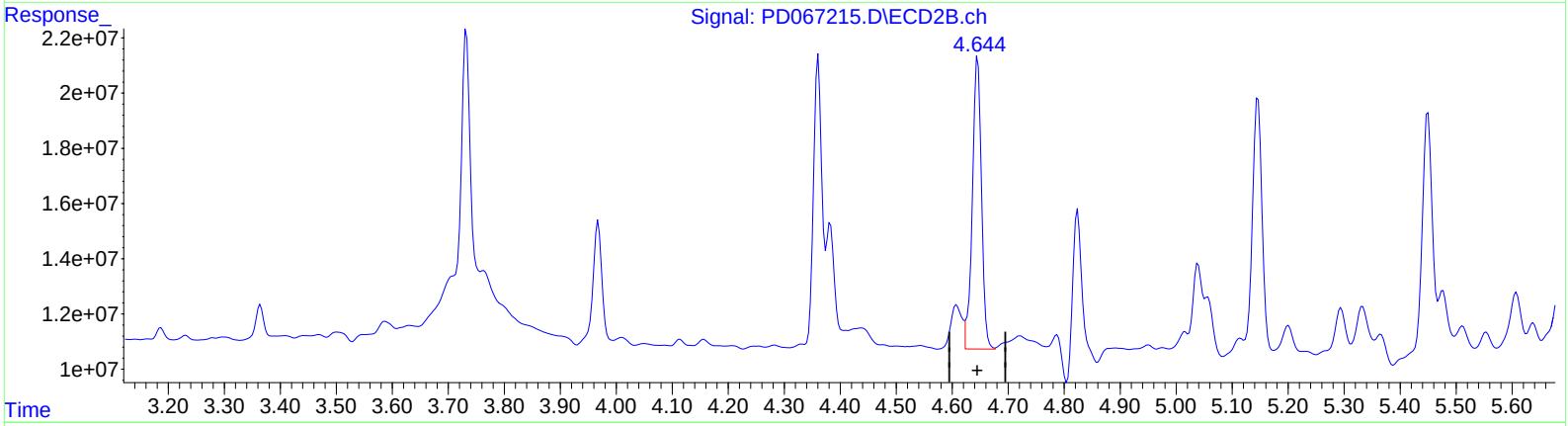
Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021





QEdit

(3) gamma-BHC (Lindane) (MA)

4.155min 11.487 ng/ml

response 36557070

(3) gamma-BHC (Lindane) #2 (MA)

4.644min 11.877 ng/ml m

response 119147417

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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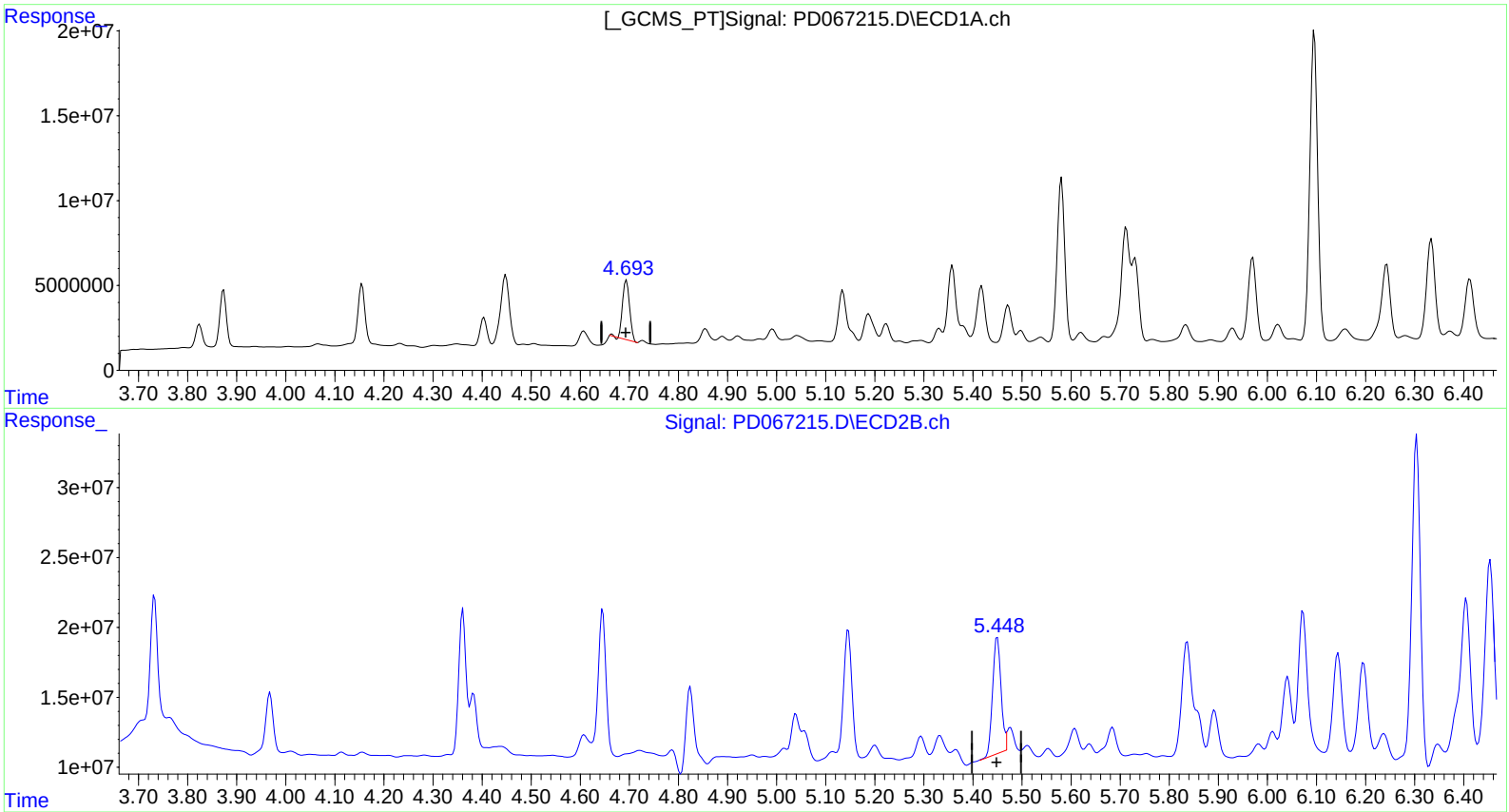
Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021



QEdit

(5) Aldrin (MB)

4.694min 11.427 ng/ml

response 35354993

(5) Aldrin #2 (MB)

5.450min 11.535 ng/ml

response 99466326

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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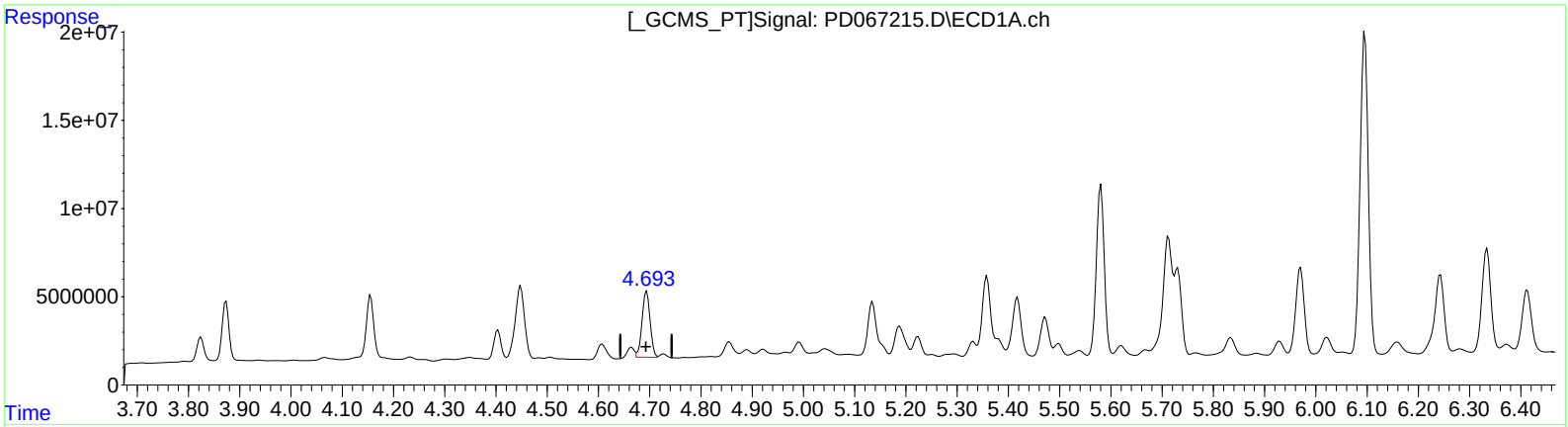
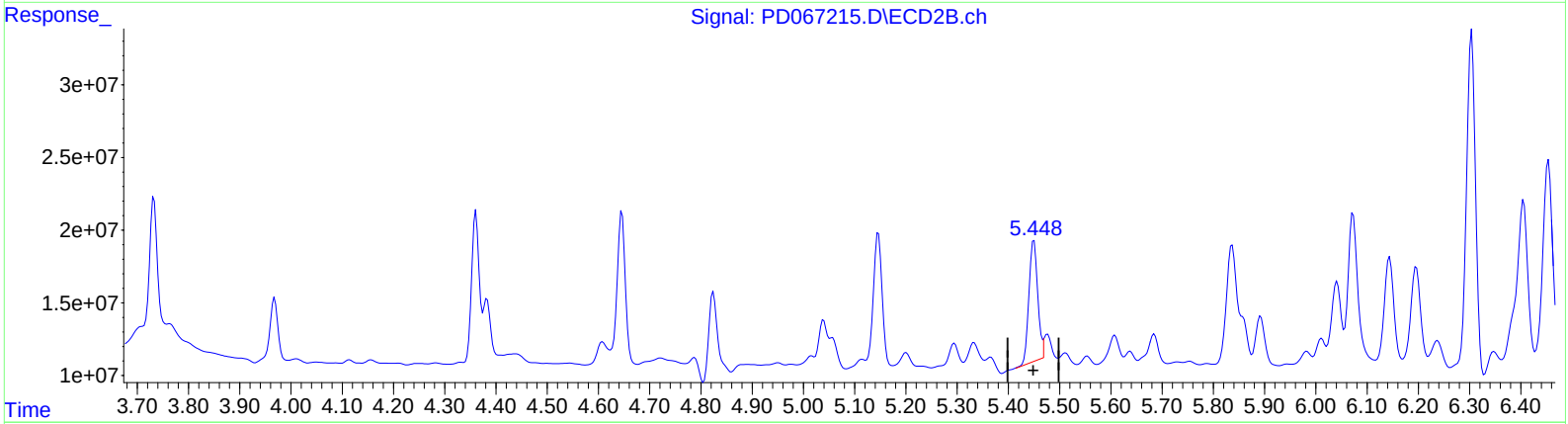
Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021





QEdit

(5) Aldrin (MB)

4.693min 13.169 ng/ml m

response 40745688

(5) Aldrin #2 (MB)

5.450min 11.535 ng/ml

response 99466326

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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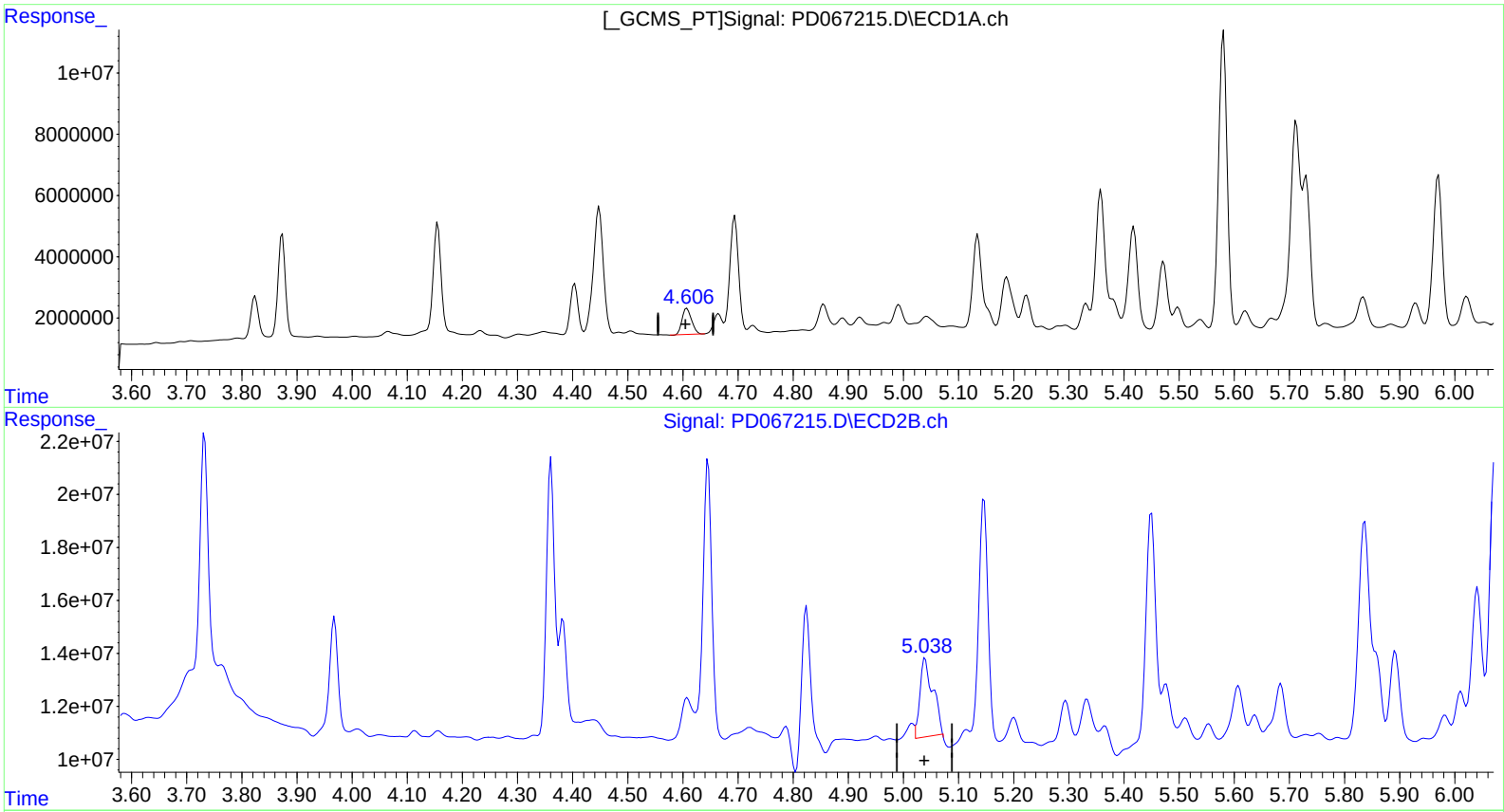
Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021



QEdit

(7) delta-BHC (B)

4.607min 3.604 ng/ml

response 10307914

(7) delta-BHC #2 (B)

5.039min 5.523 ng/ml

response 48890177

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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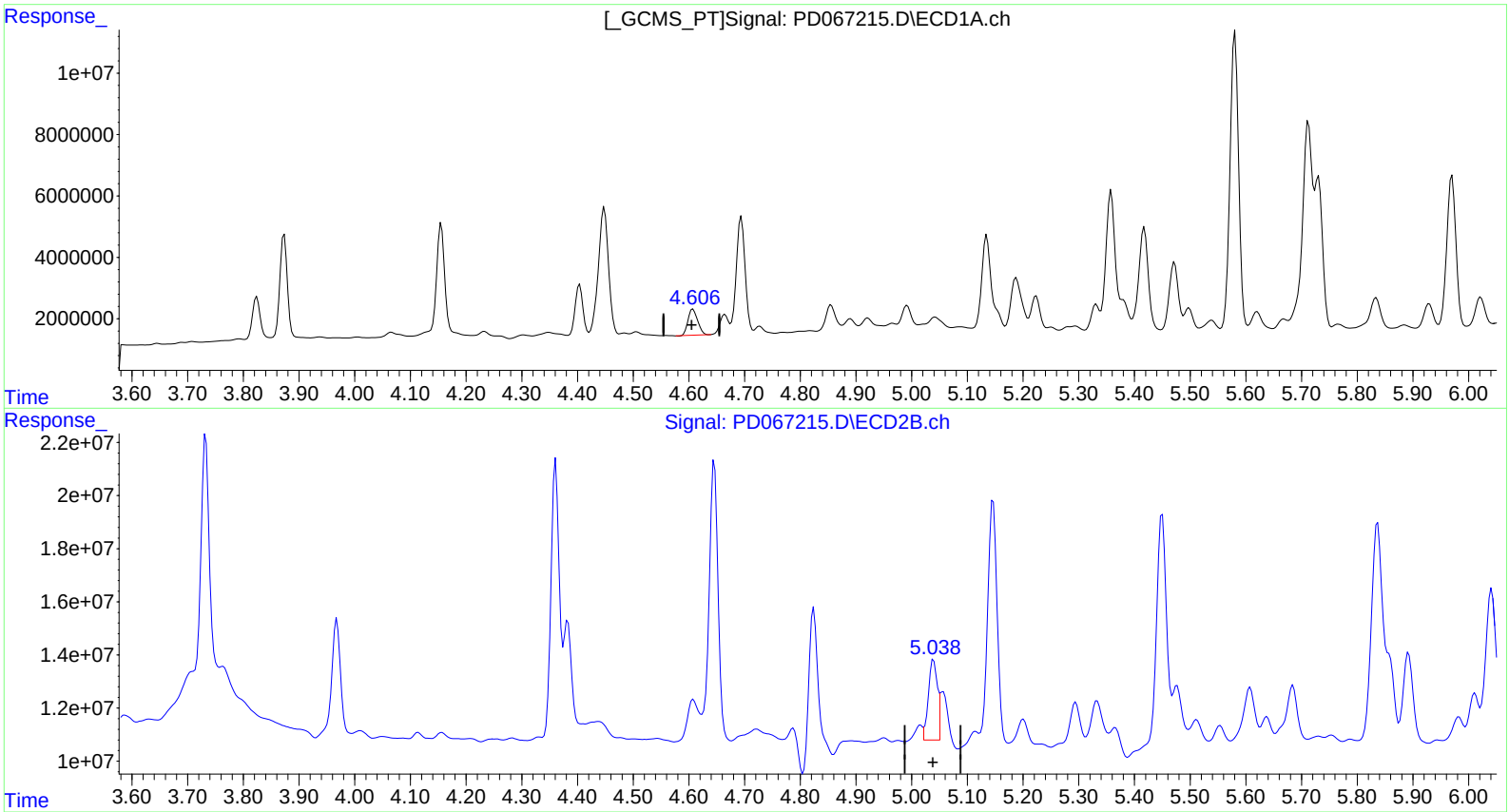
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021



QEdit

(7) delta-BHC (B)

4.607min 3.604 ng/ml

response 10307914

(7) delta-BHC #2 (B)

5.038min 4.196 ng/ml m

response 37141118

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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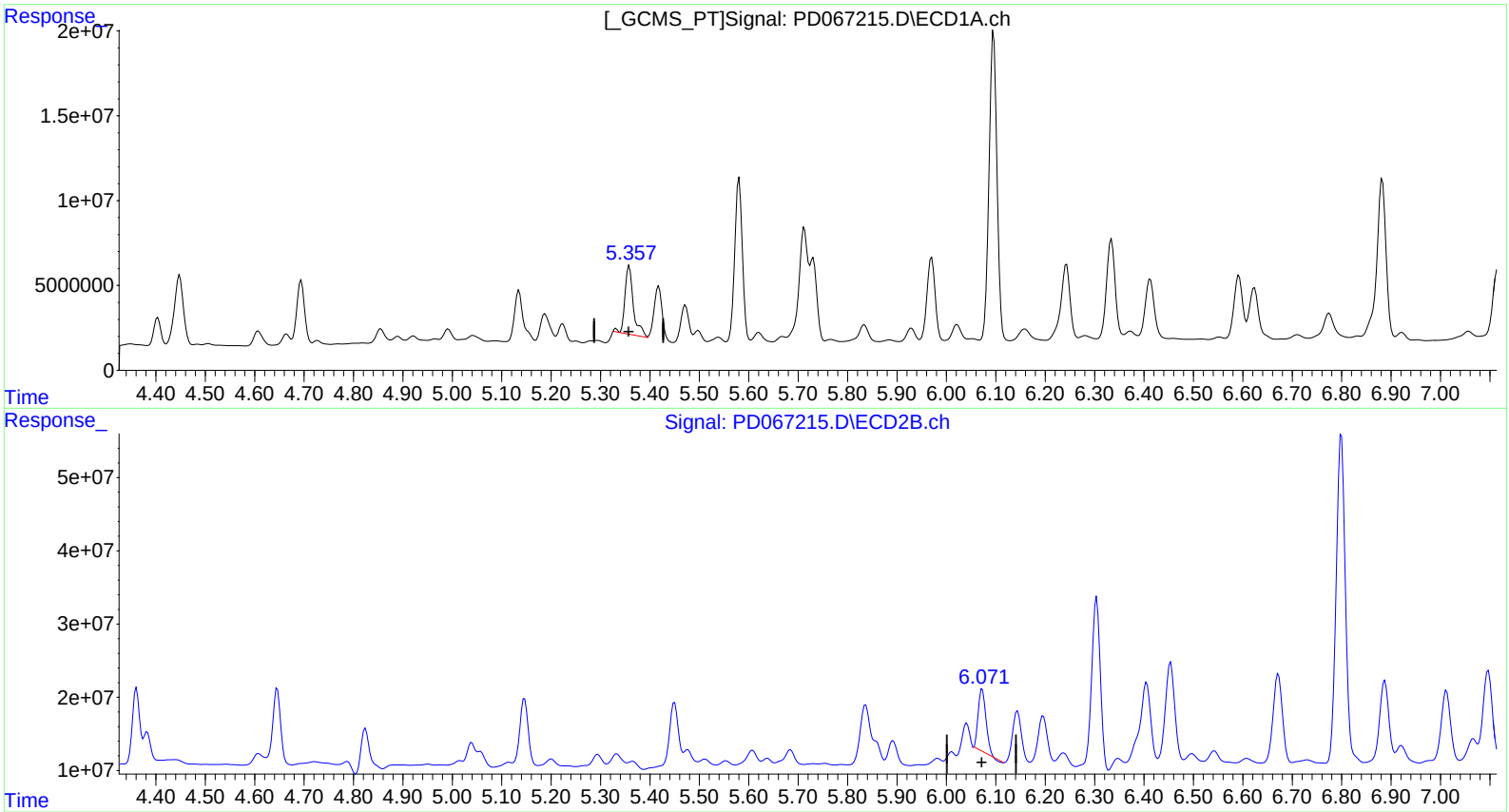
Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021



QEdit

(10) trans-Chlordane (B)

5.358min 17.047 ng/ml

response 48029587

(10) trans-Chlordane #2 (B)

6.073min 12.196 ng/ml

response 92566509

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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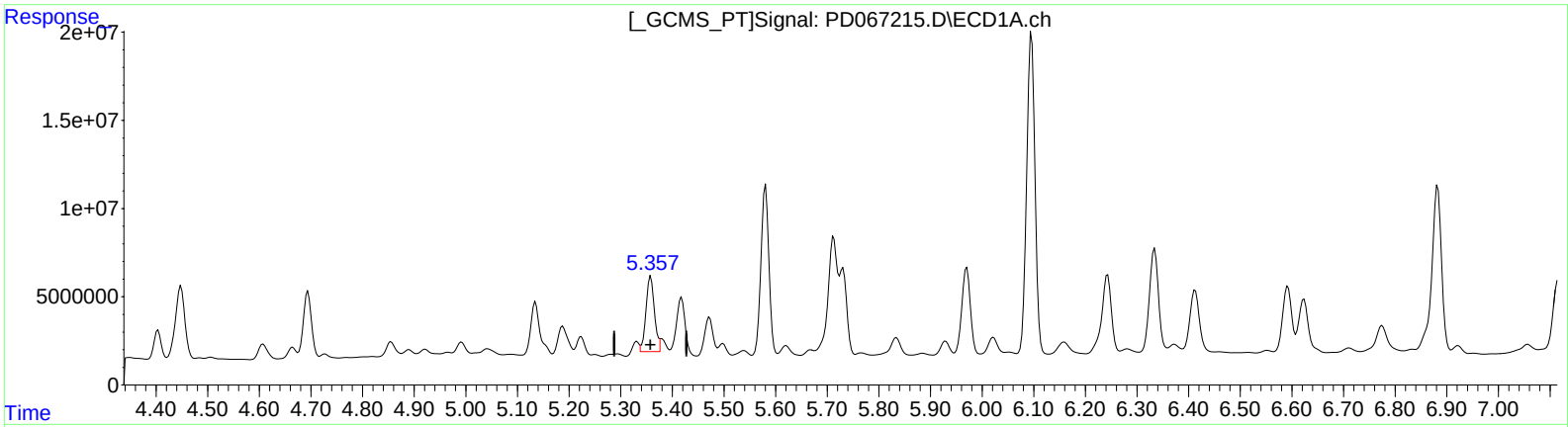
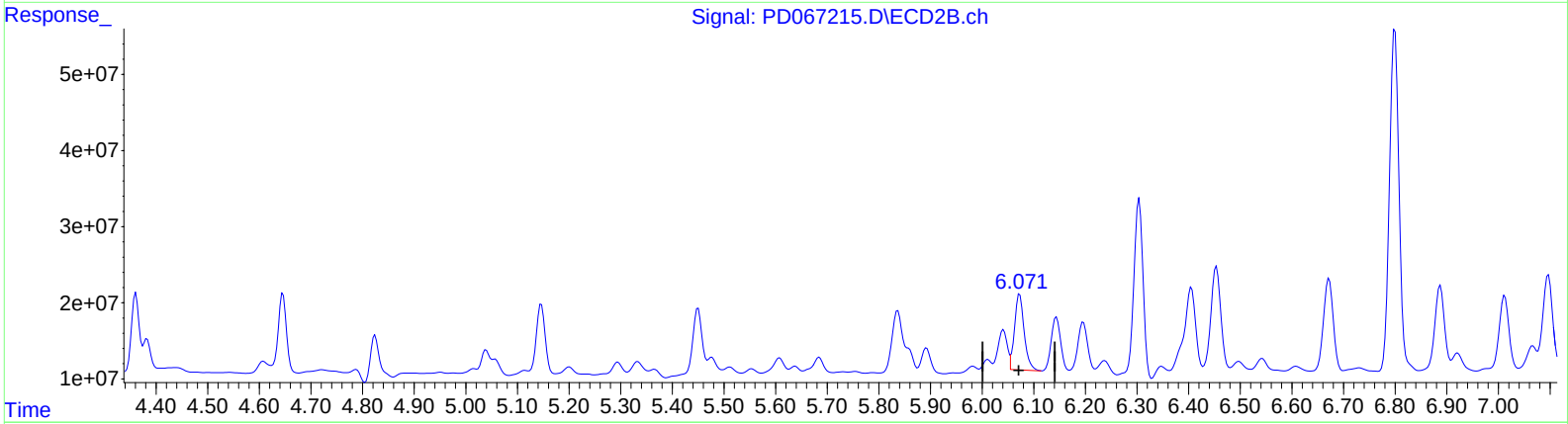
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021





QEdit

(10) trans-Chlordane (B)

5.357min 16.917 ng/ml m

response 47663954

(10) trans-Chlordane #2 (B)

6.071min 16.938 ng/ml m

response 128559103

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

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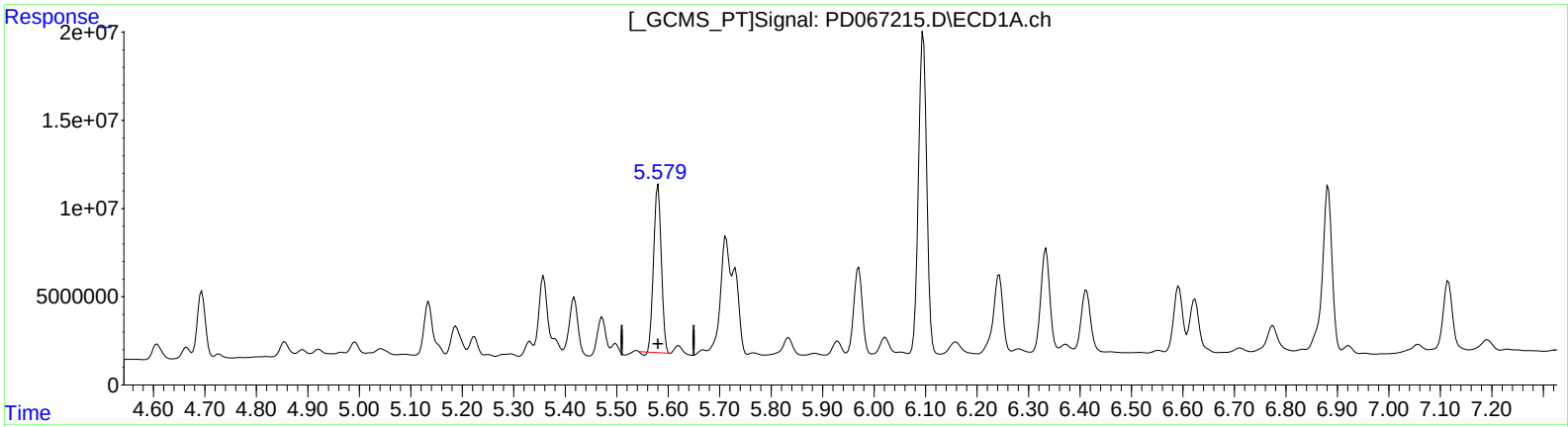

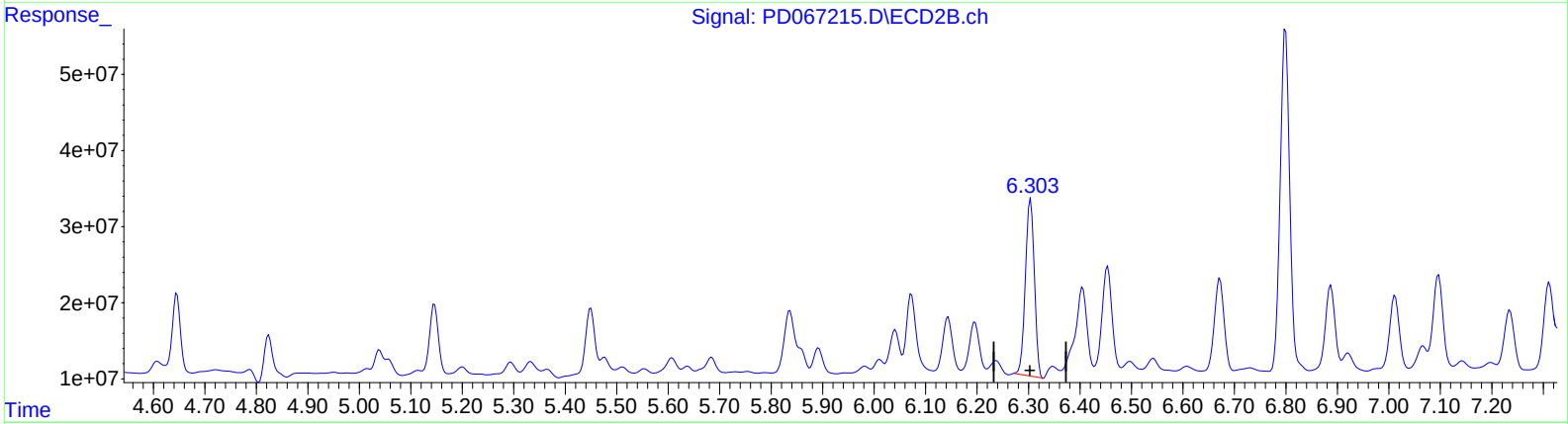

QEdit

(12) 4,4'-DDE (B)

5.581min 39.567 ng/ml

response 99021808

(12) 4,4'-DDE #2 (B)

6.304min 41.948 ng/ml

response 281086237

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Instrument :
ECD_D
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Manual IntegrationsAPPROVED

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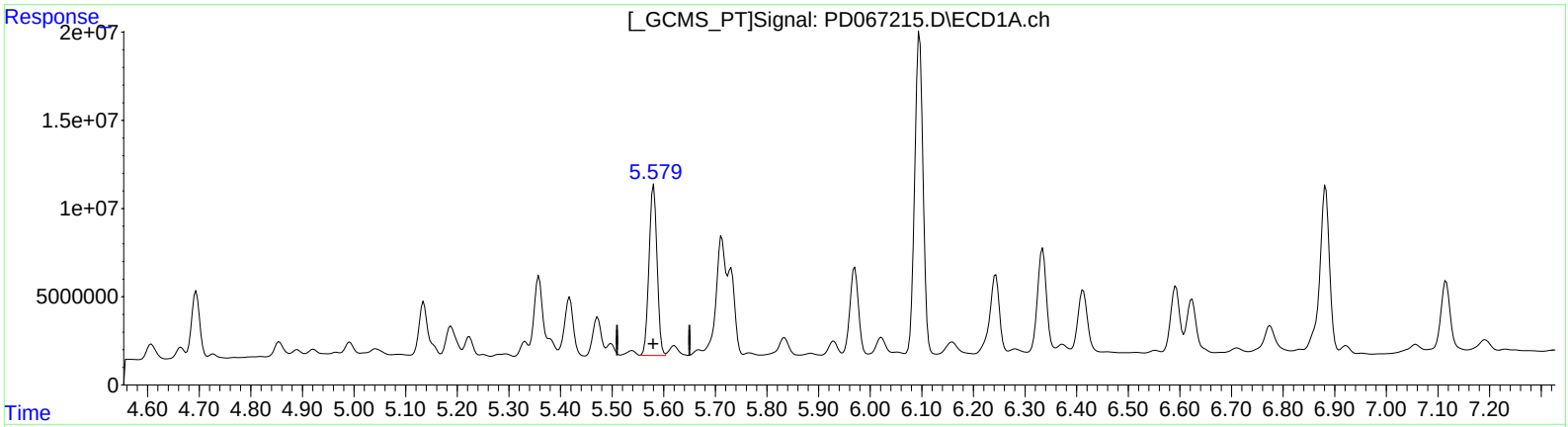

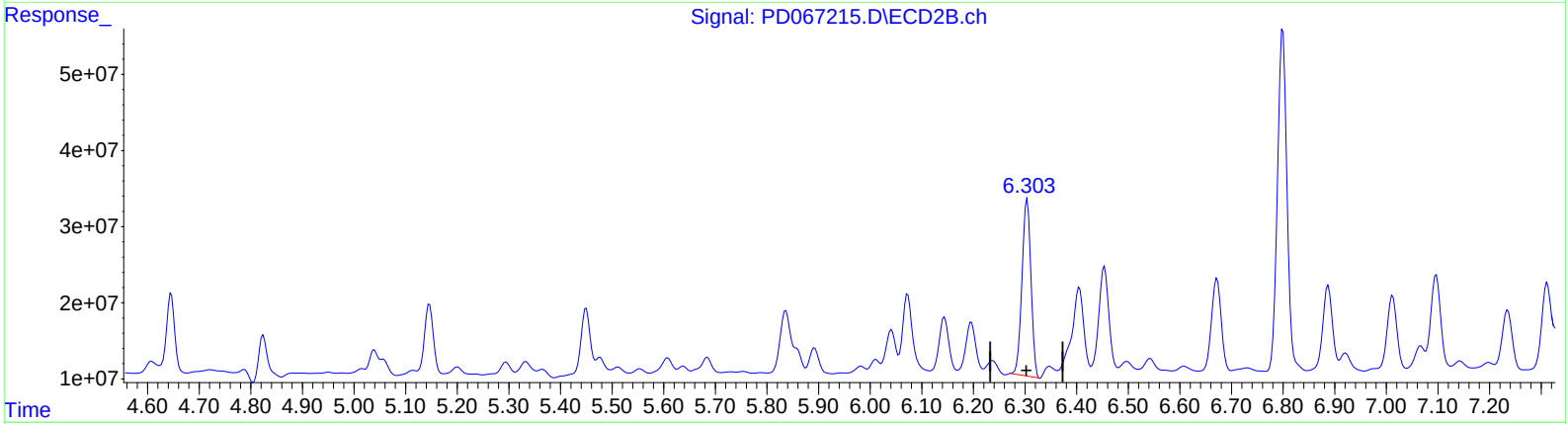

QEdit

(12) 4,4'-DDE (B)

5.579min 41.767 ng/ml m

response 104527698

(12) 4,4'-DDE #2 (B)

6.304min 41.948 ng/ml

response 281086237

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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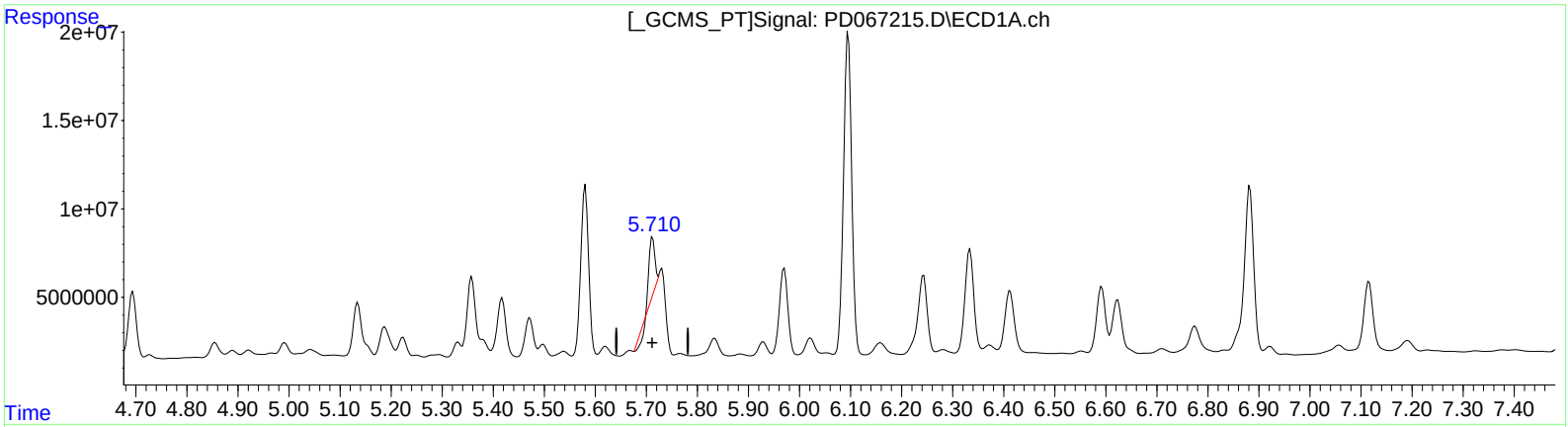

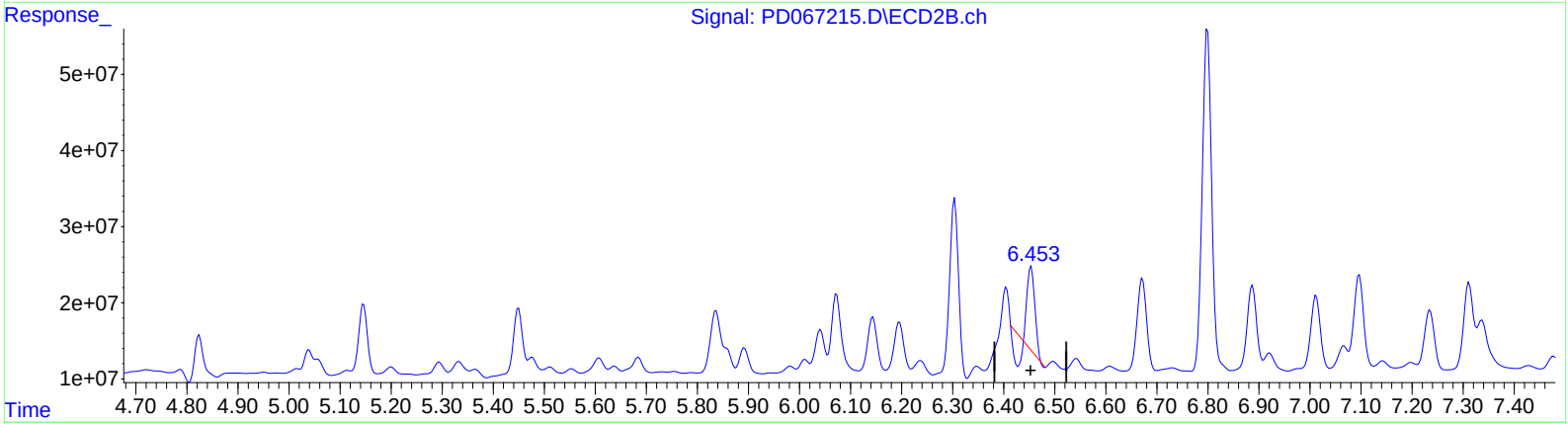

QEdit

(13) Dieldrin (MA)

5.713min 6.206 ng/ml

response 17871272

(13) Dieldrin #2 (MA)

6.454min 12.242 ng/ml

response 91090601

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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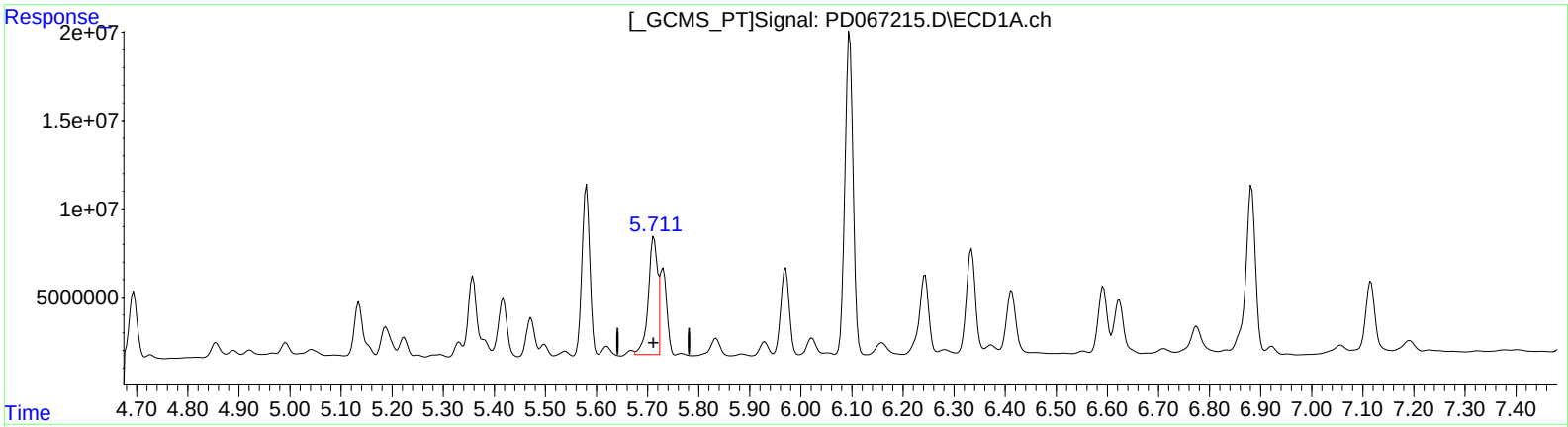
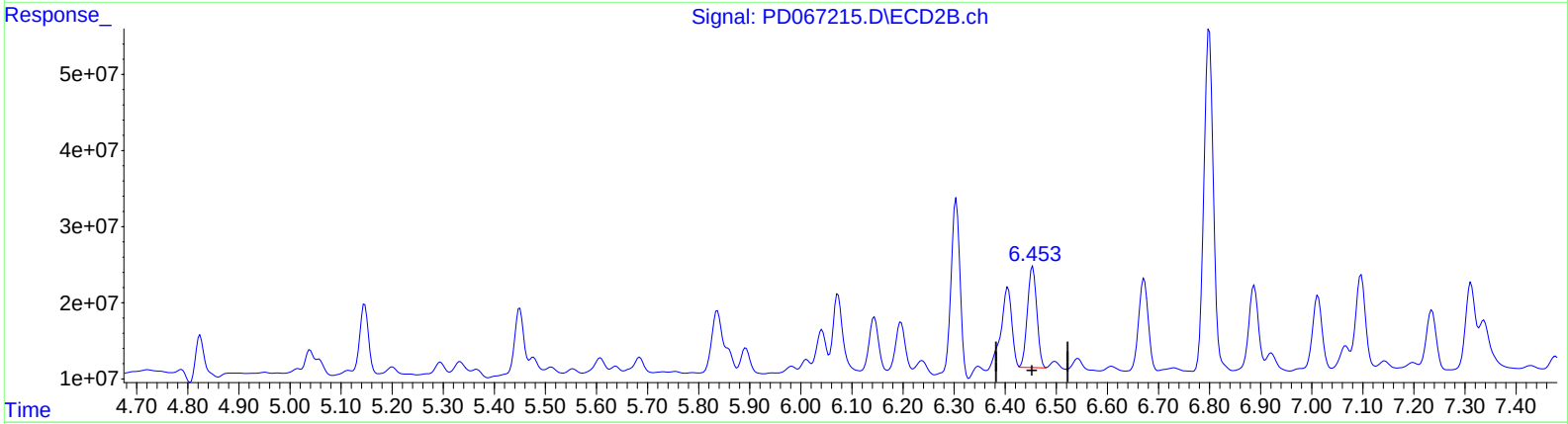
Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021





QEdit

(13) Dieldrin (MA)

5.711min 32.733 ng/ml m

response 94259268

(13) Dieldrin #2 (MA)

6.453min 22.810 ng/ml m

response 169727446

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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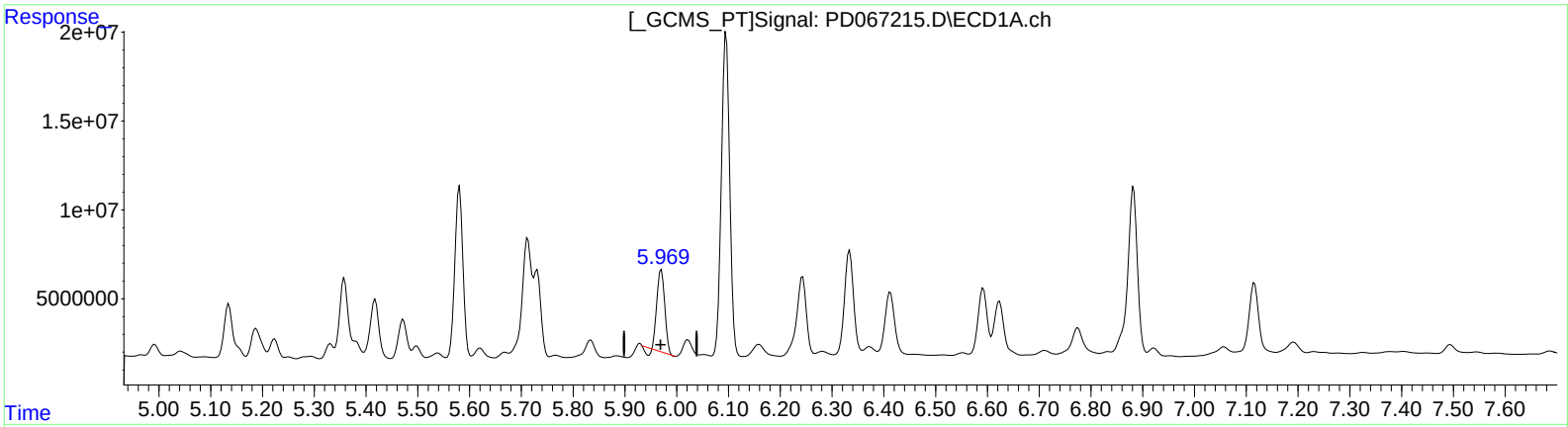
Response via : Initial Calibration
Integrator: ChemStation

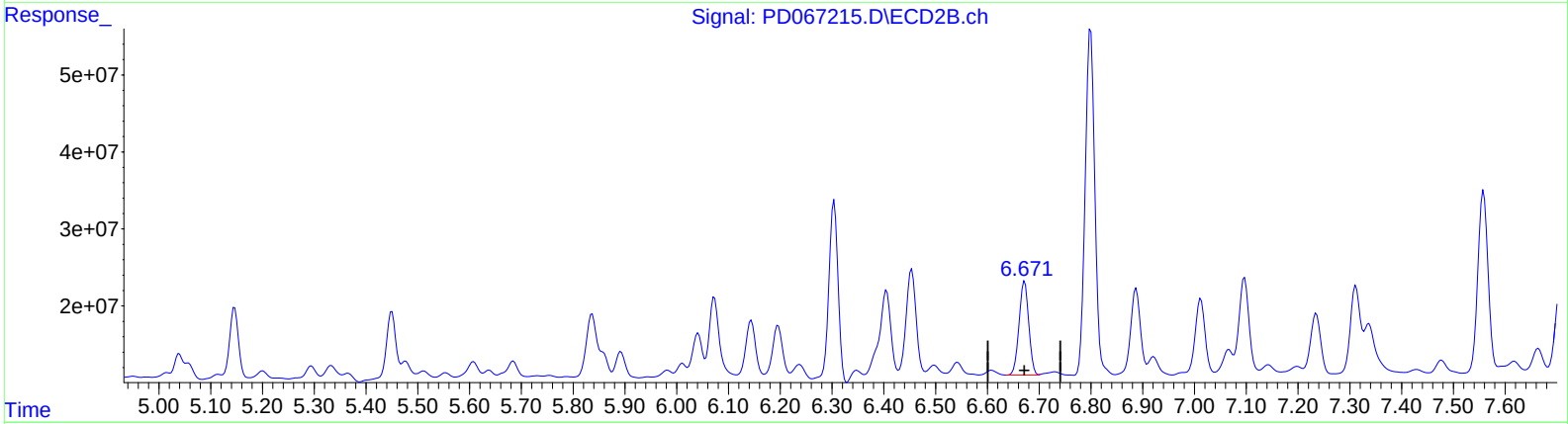
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021





QEdit

(14) Endrin (MA)

5.970min 20.667 ng/ml

response 47264177

(14) Endrin #2 (MA)

6.672min 27.358 ng/ml

response 158718735

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 16:39
Operator : AR\AJ
Sample : M4833-10MSD 4X
Misc :
ALS Vial : 30 Sample Multiplier: 1

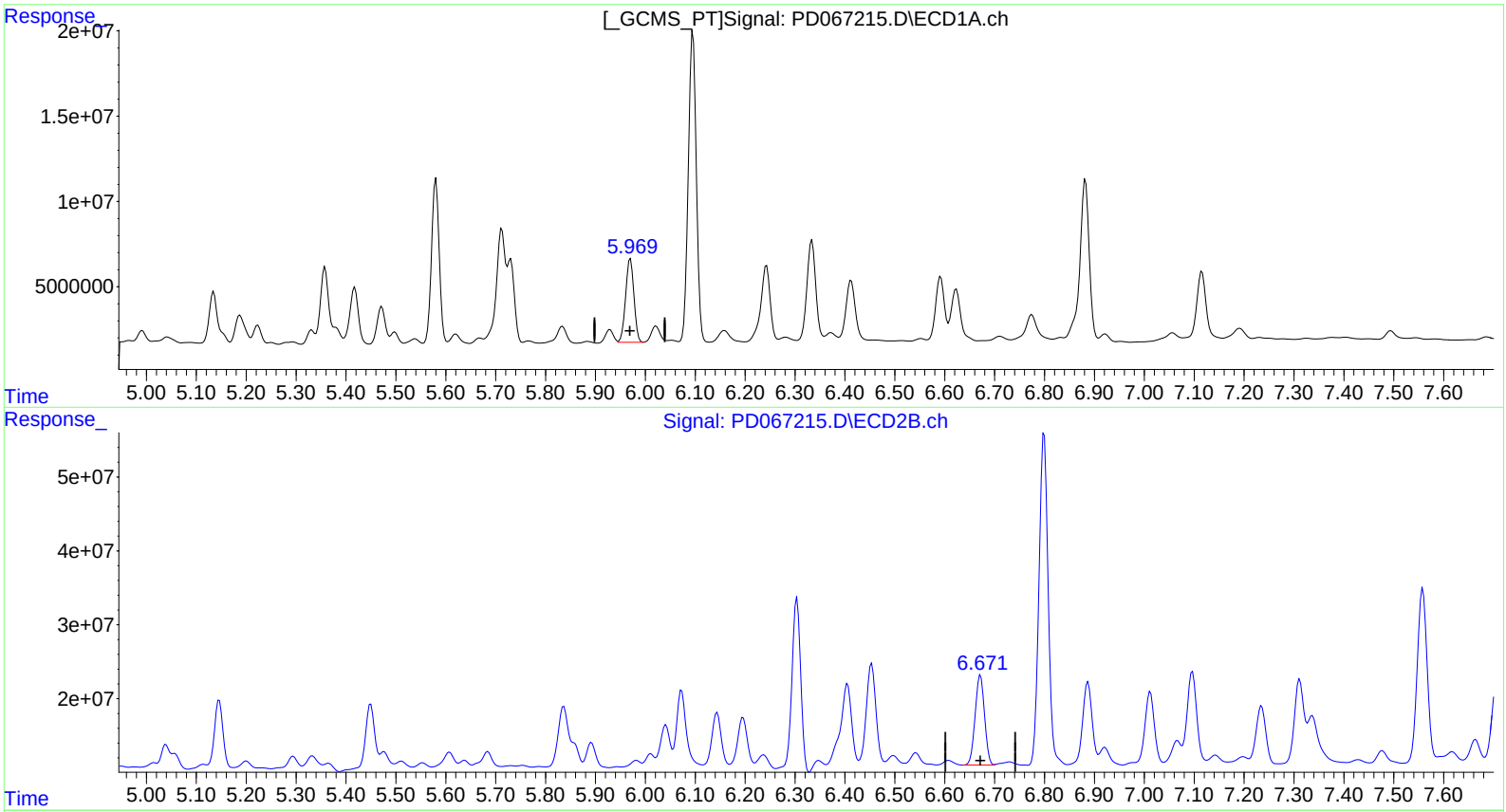
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:56:48 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 05:28:01 2021
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021



QEdit

(14) Endrin (MA)

5.969min 24.681 ng/ml m

response 56442683

(14) Endrin #2 (MA)

6.672min 27.358 ng/ml

response 158718735

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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ECD_D
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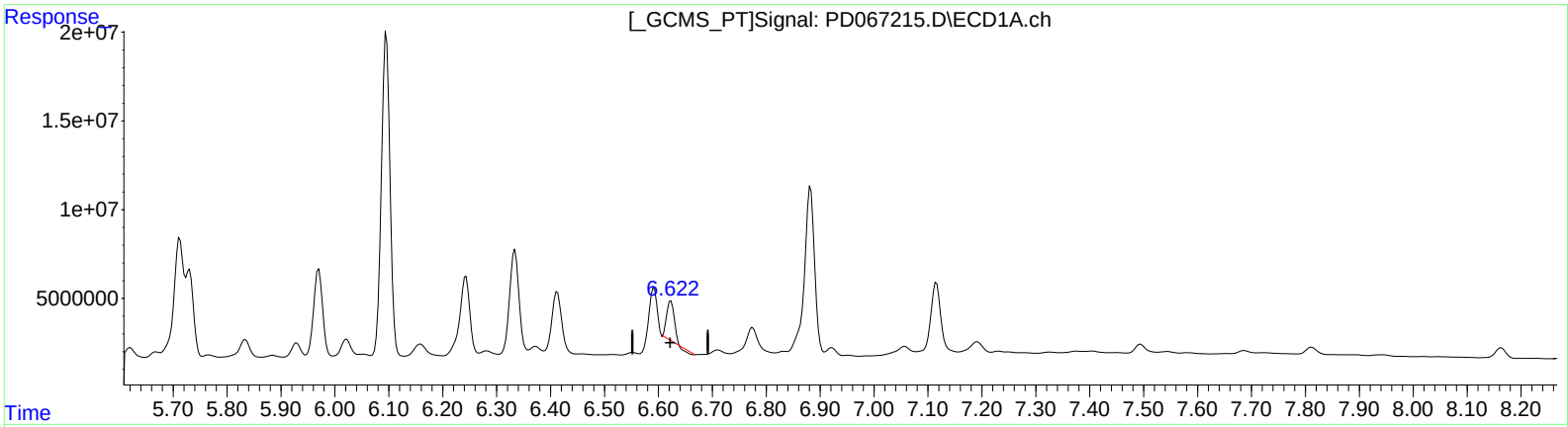
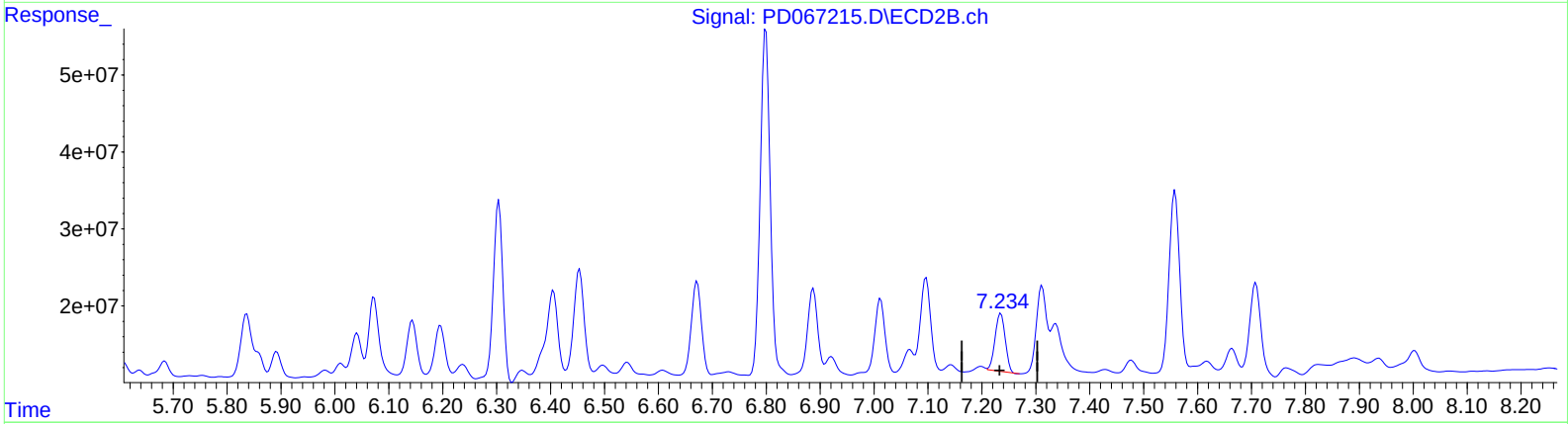
Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021





QEdit

(19) Endosulfan Sulfate (B)

6.623min 10.793 ng/ml

response 20821624

(19) Endosulfan Sulfate #2 (B)

7.235min 17.098 ng/ml

response 98187007

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 16:39
Operator : AR\AJ
Sample : M4833-10MSD 4X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
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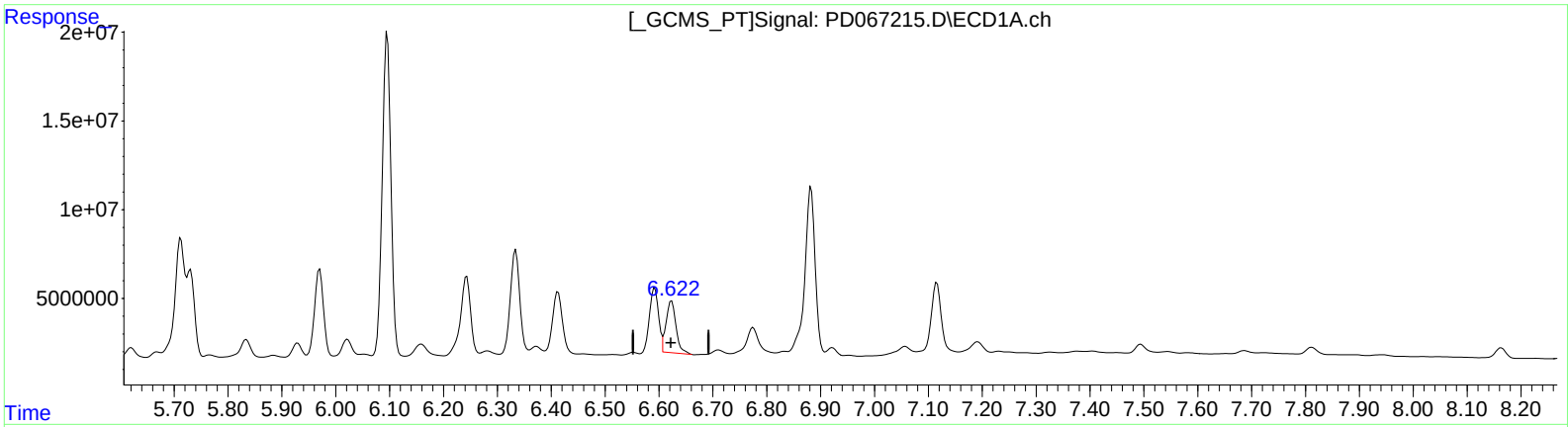
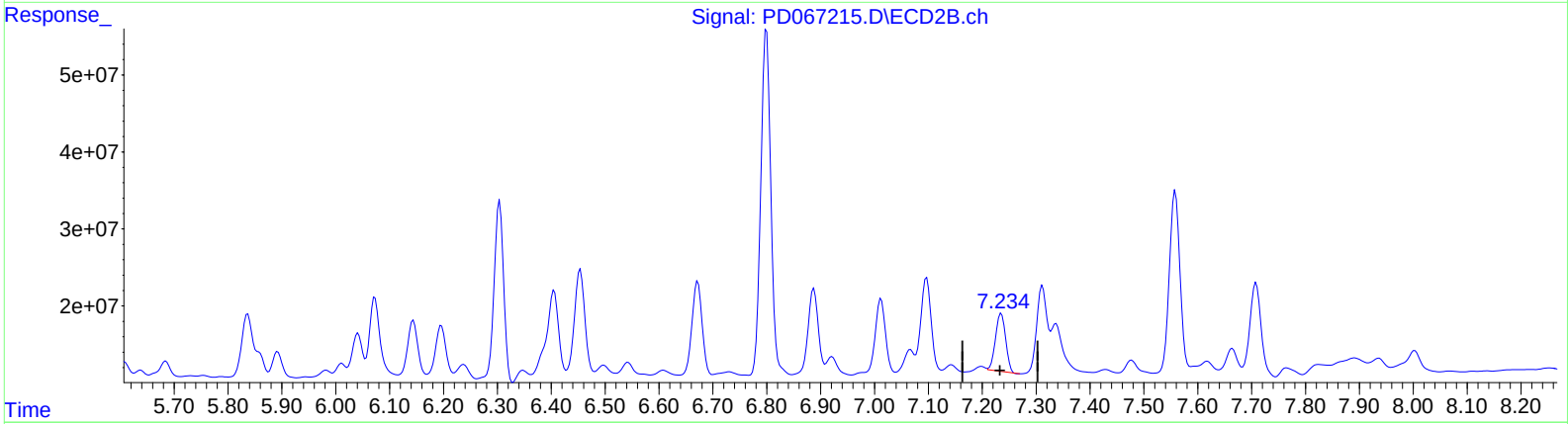
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(19) Endosulfan Sulfate (B)

6.622min 19.234 ng/ml m

response 37105824

(19) Endosulfan Sulfate #2 (B)

7.235min 17.098 ng/ml

response 98187007

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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ALS Vial : 30 Sample Multiplier: 1

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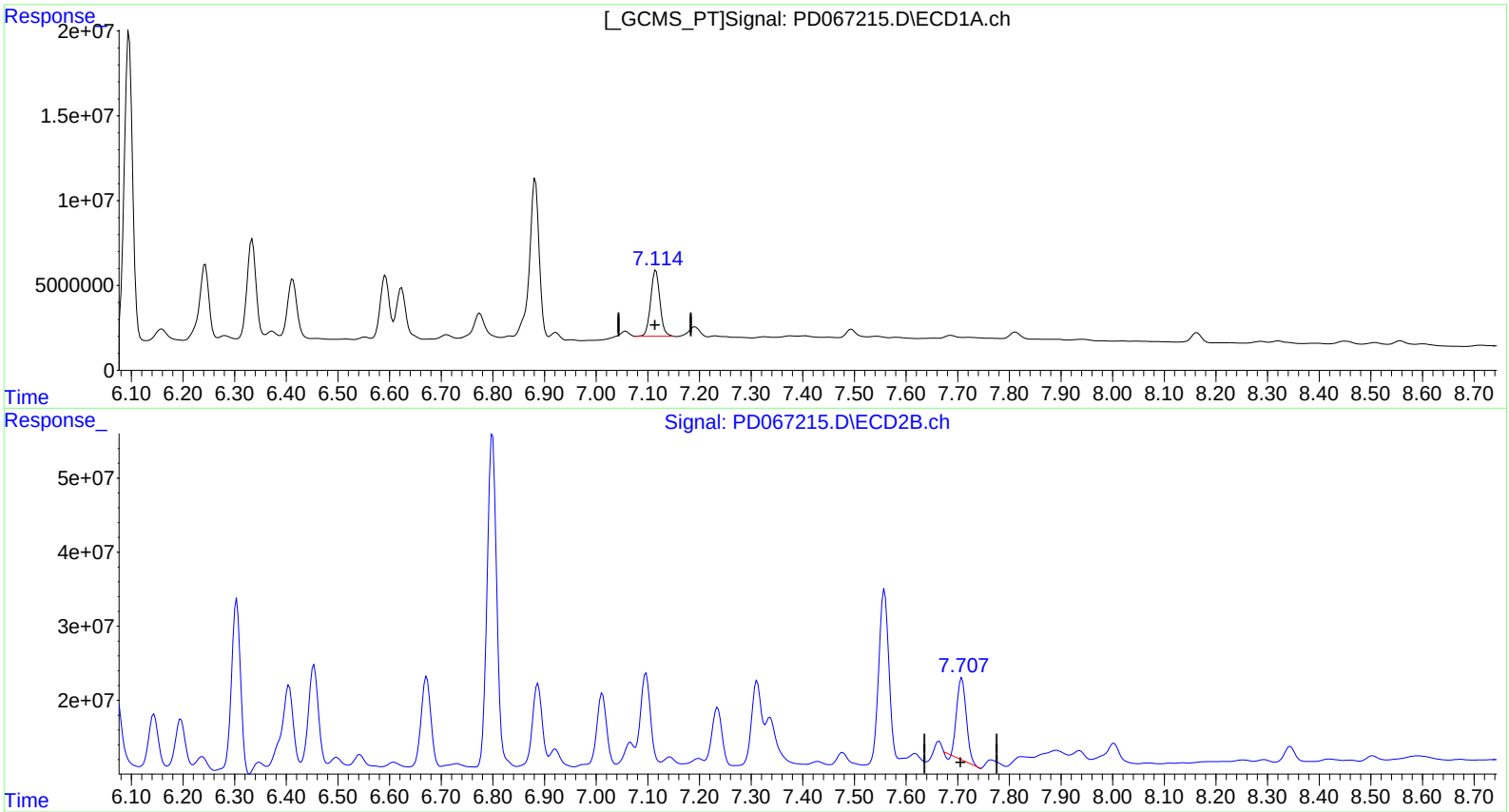
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021



QEdit

(21) Endrin ketone (B)

7.116min 23.315 ng/ml

response 48401698

(21) Endrin ketone #2 (B)

7.708min 21.341 ng/ml

response 140918366

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 16:39
Operator : AR\AJ
Sample : M4833-10MSD 4X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:56:48 2021
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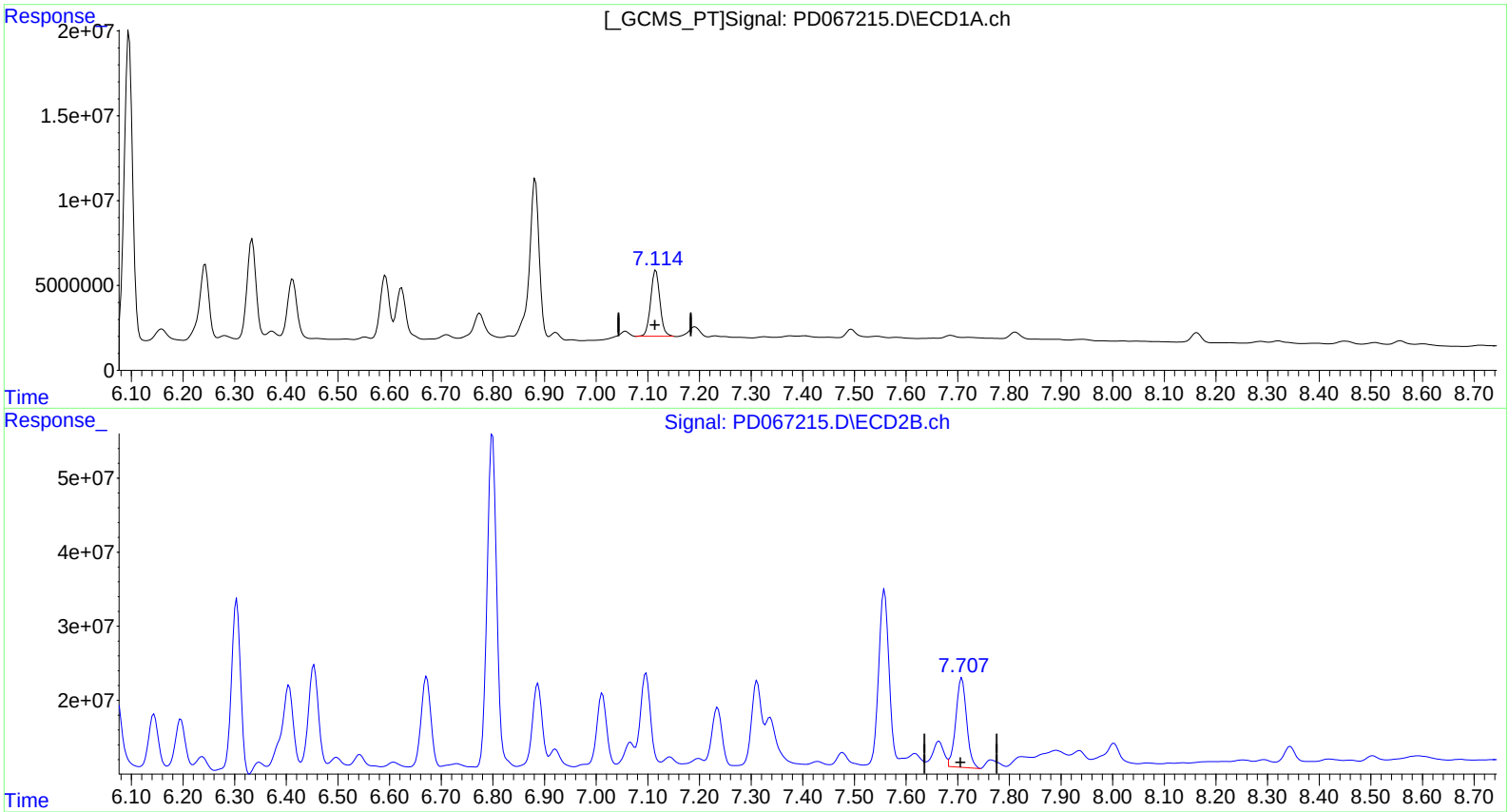
Response via : Initial Calibration
Integrator: ChemStation

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

(21) Endrin ketone (B)

7.116min 23.315 ng/ml

response 48401698

(21) Endrin ketone #2 (B)

7.707min 26.424 ng/ml m

response 174487693

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 16:39
Operator : AR\AJ
Sample : M4833-10MSD 4X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.437	3.968	8790609	46660144	4.026	5.824 #
27)	SA Decachlor...	8.163	9.025	7812658	46624020	6.881	9.194 #
	Target Compounds						
2)	A alpha-BHC	3.873	4.361	30909564	110.6E6	9.450	10.314
3)	MA gamma-BHC...	4.155	4.644	36557070	119.1E6	11.487	11.877m
4)	MA Heptachlor	4.448	5.146	52055268	108.2E6	16.241	11.600 #
5)	MB Aldrin	4.693	5.450	40745688	99466326	13.169m	11.535
6)	B beta-BHC	4.404	4.824	16014674	69962481	12.030	15.164 #
7)	B delta-BHC	4.607	5.038	10307914	37141118	3.604	4.196m
8)	B Heptachlo...	5.135	5.837	37146753	145.2E6	13.451	20.723 #
9)	A Endosulfan I	5.472	6.196	23818795	90126525	8.959	12.432 #
10)	B trans-Chl...	5.357	6.071	47663954	128.6E6	16.917m	16.938m
11)	B cis-Chlor...	5.418	6.144	34786221	91603097	12.536	12.382
12)	B 4,4'-DDE	5.579	6.304	104.5E6	281.1E6	41.767m	41.948
13)	MA Dieldrin	5.711	6.453	94259268	169.7E6	32.733m	22.810m#
14)	MA Endrin	5.969	6.672	56442683	158.7E6	24.681m	27.358
15)	B Endosulfa...	6.243	6.887	56021218	149.6E6	24.953	24.637
16)	A 4,4'-DDD	6.096	6.799	203.1E6	580.0E6	96.070	99.170
17)	MA 4,4'-DDT	6.334	7.097	67919067	136.8E6	31.951	23.747 #
18)	B Endrin al...	6.413	7.012	41557962	121.5E6	25.201	25.772
19)	B Endosulfa...	6.622	7.235	37105824	98187007	19.234m	17.098
20)	A Methoxychlor	6.882	7.558	120.1E6	320.7E6	120.879	115.221
21)	B Endrin ke...	7.116	7.707	48401698	174.5E6	23.315	26.424m

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

AJ 12/7/21