

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 14:16
Operator : AR\AJ
Sample : M4833-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQP7

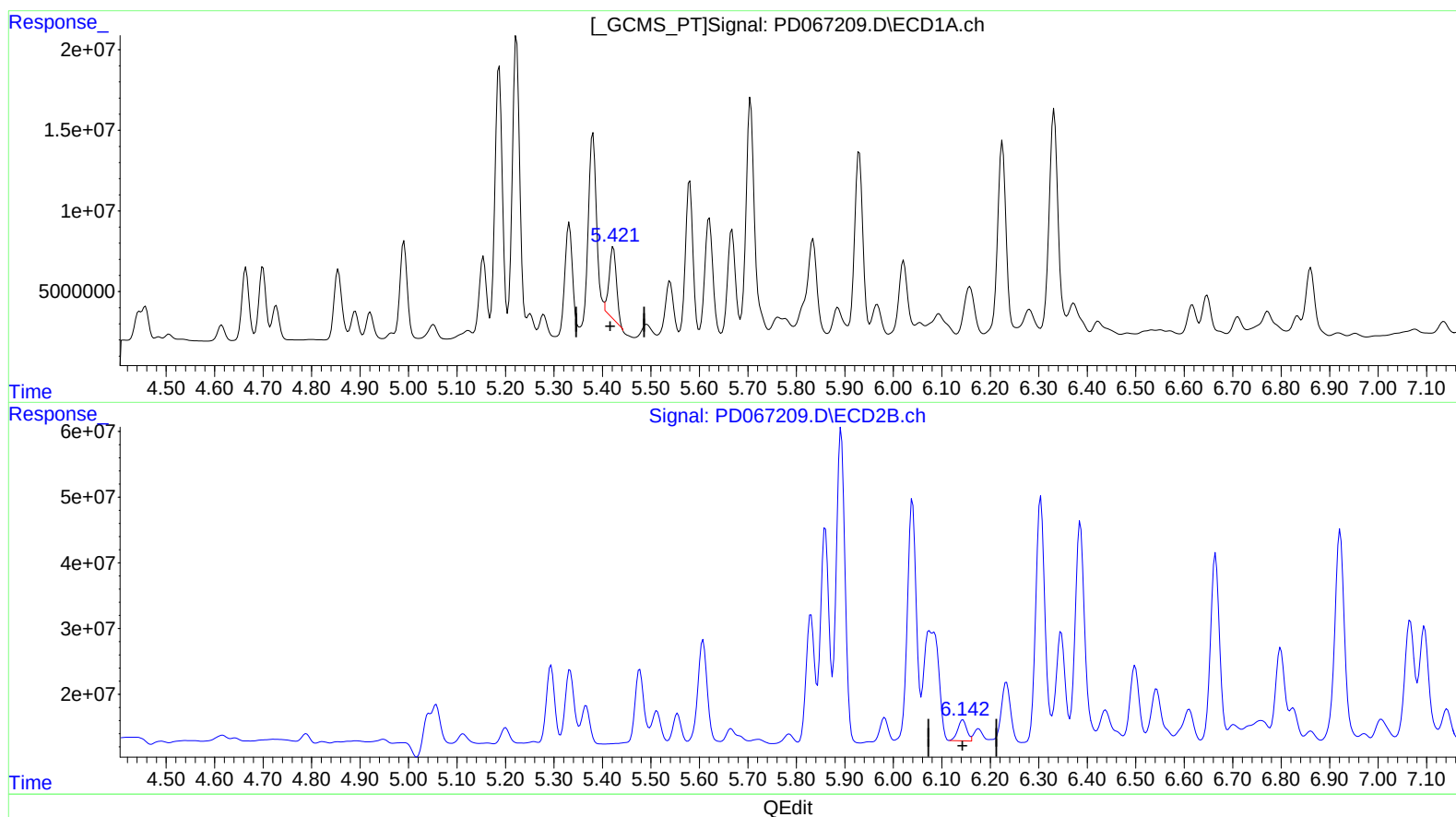
Manual IntegrationsAPPROVED

Reviewed By :Abdul
Mirza
12/03/2021

Supervised By :mohammad
ahmed
12/07/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:55:57 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



(11) cis-Chlordane (B)

5.423min 16.174 ng/ml

response 44880431

(11) cis-Chlordane #2 (B)

6.144min 5.540 ng/ml

response 40986775

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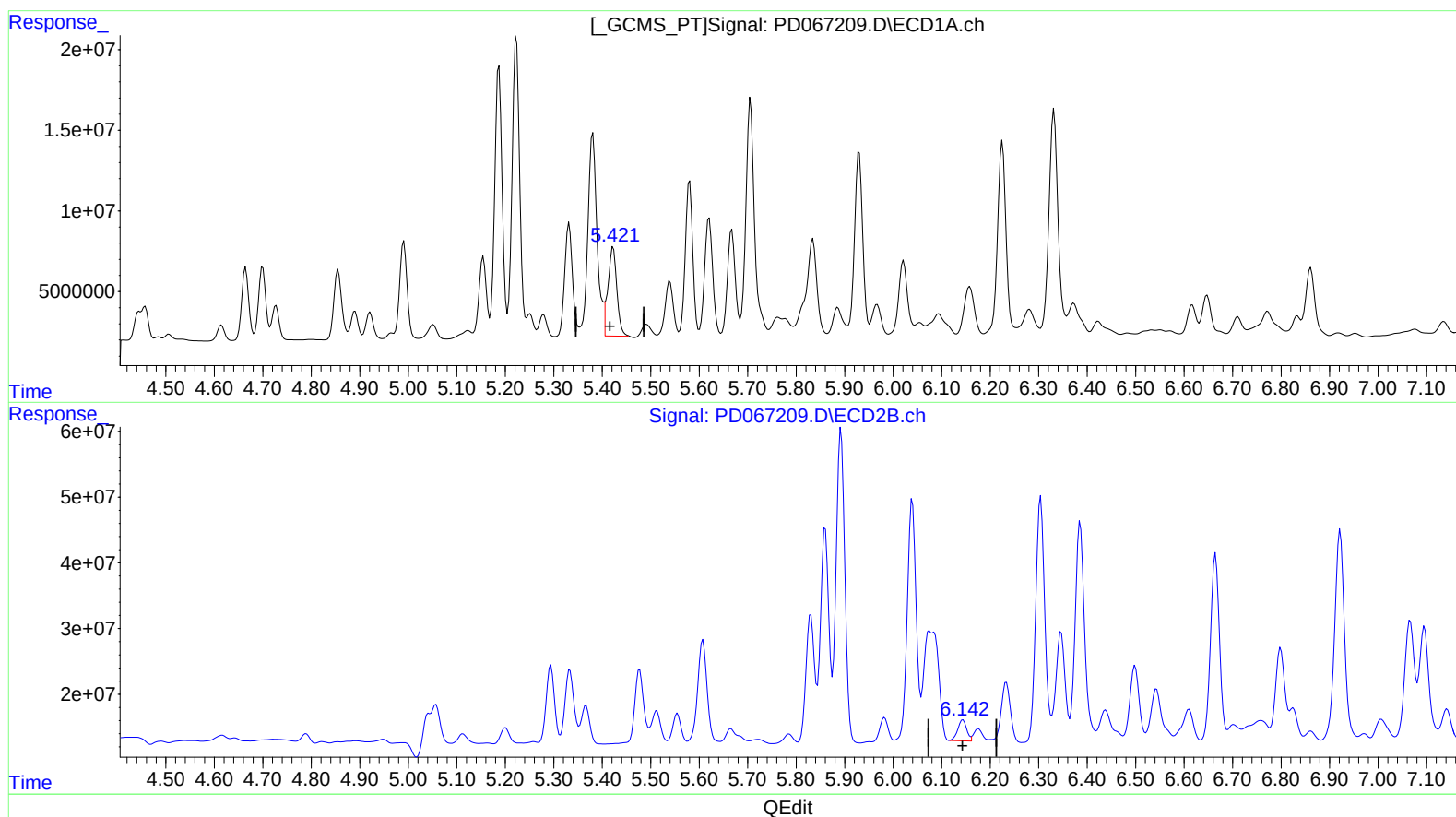
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(11) cis-Chlordane (B)
5.421min 24.863 ng/ml m
response 68990863

(11) cis-Chlordane #2 (B)
6.144min 5.540 ng/ml
response 40986775

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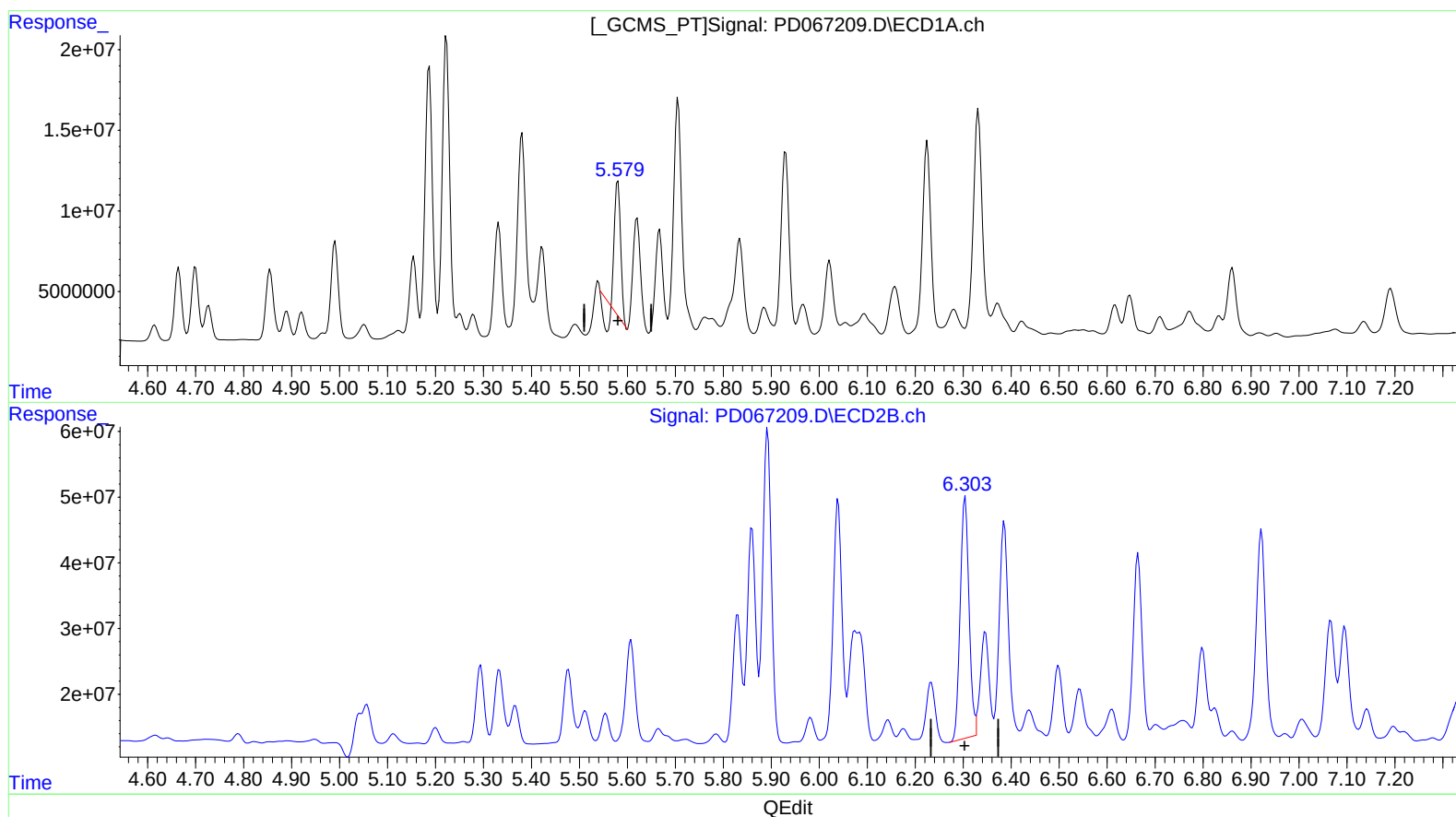
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(12) 4,4'-DDE (B)
5.580min 24.872 ng/ml
response 62245979

(12) 4,4'-DDE #2 (B)
6.304min 70.074 ng/ml
response 469556693

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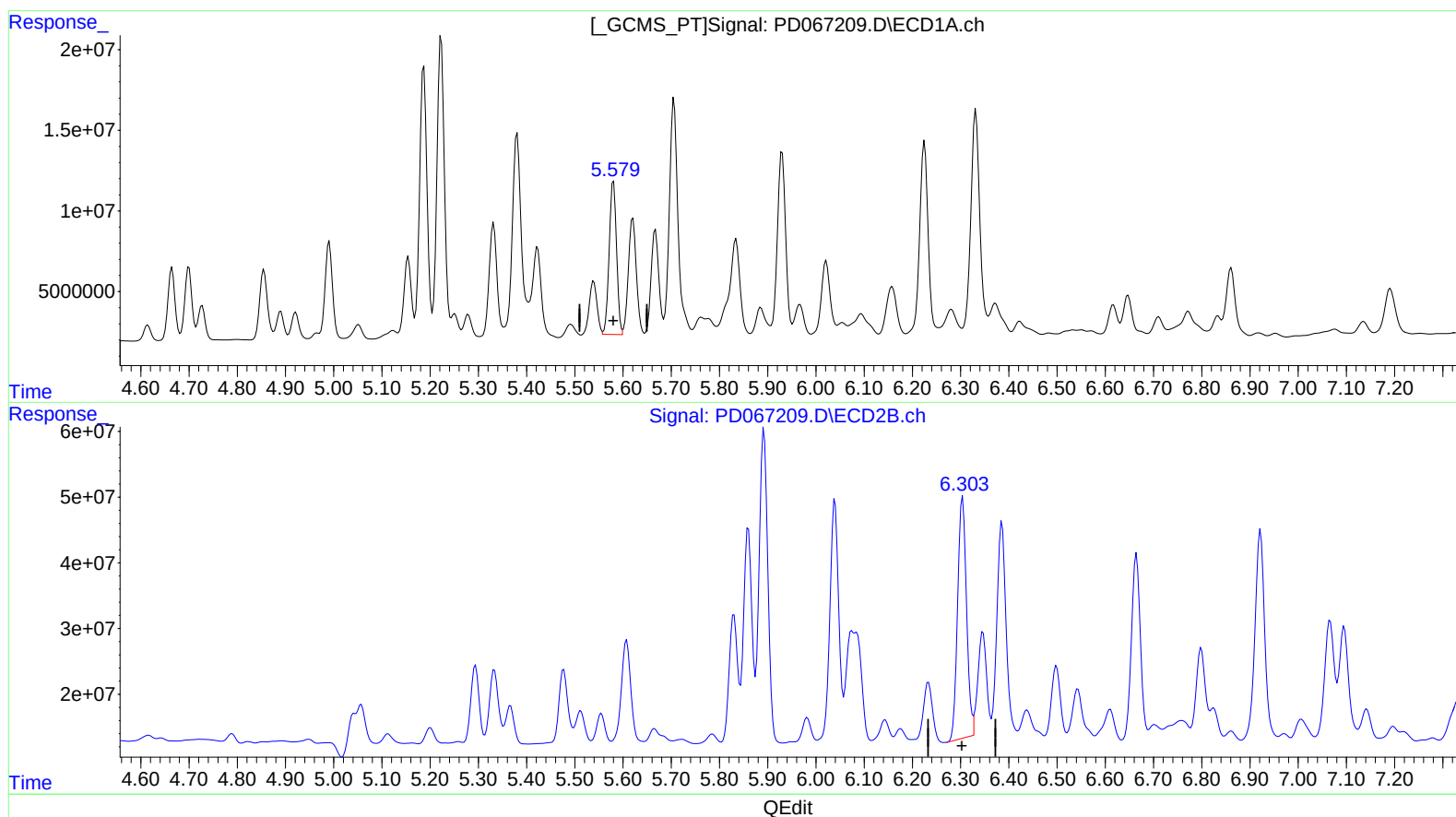
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(12) 4,4'-DDE (B)

5.579min 40.122 ng/ml m
response 100411810

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

6.304min 70.074 ng/ml
response 469556693

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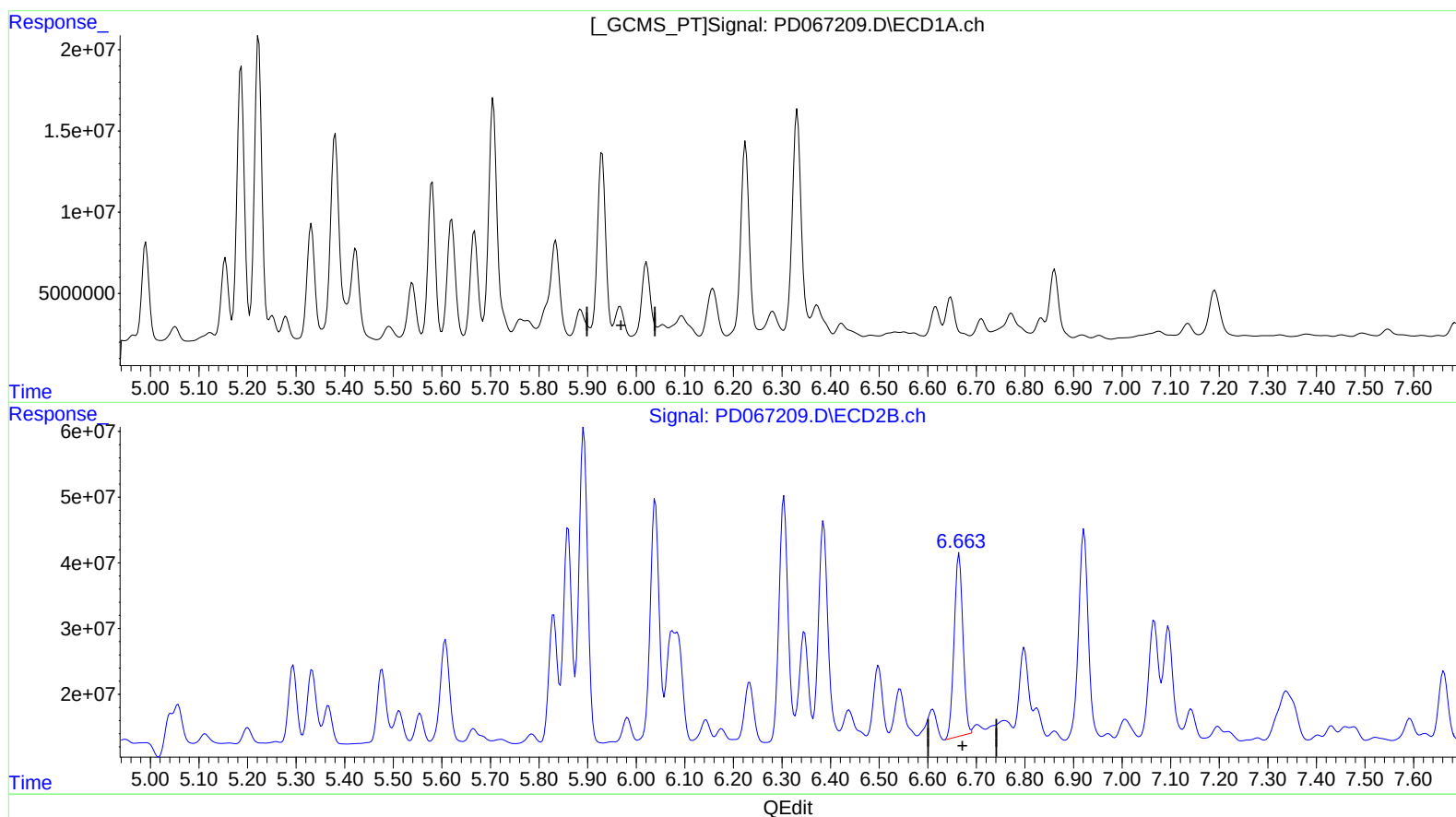
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(14) Endrin (MA)

5.967min -16.108 ng/ml

response -36837485

(14) Endrin #2 (MA)

6.665min 59.925 ng/ml

response 347660539

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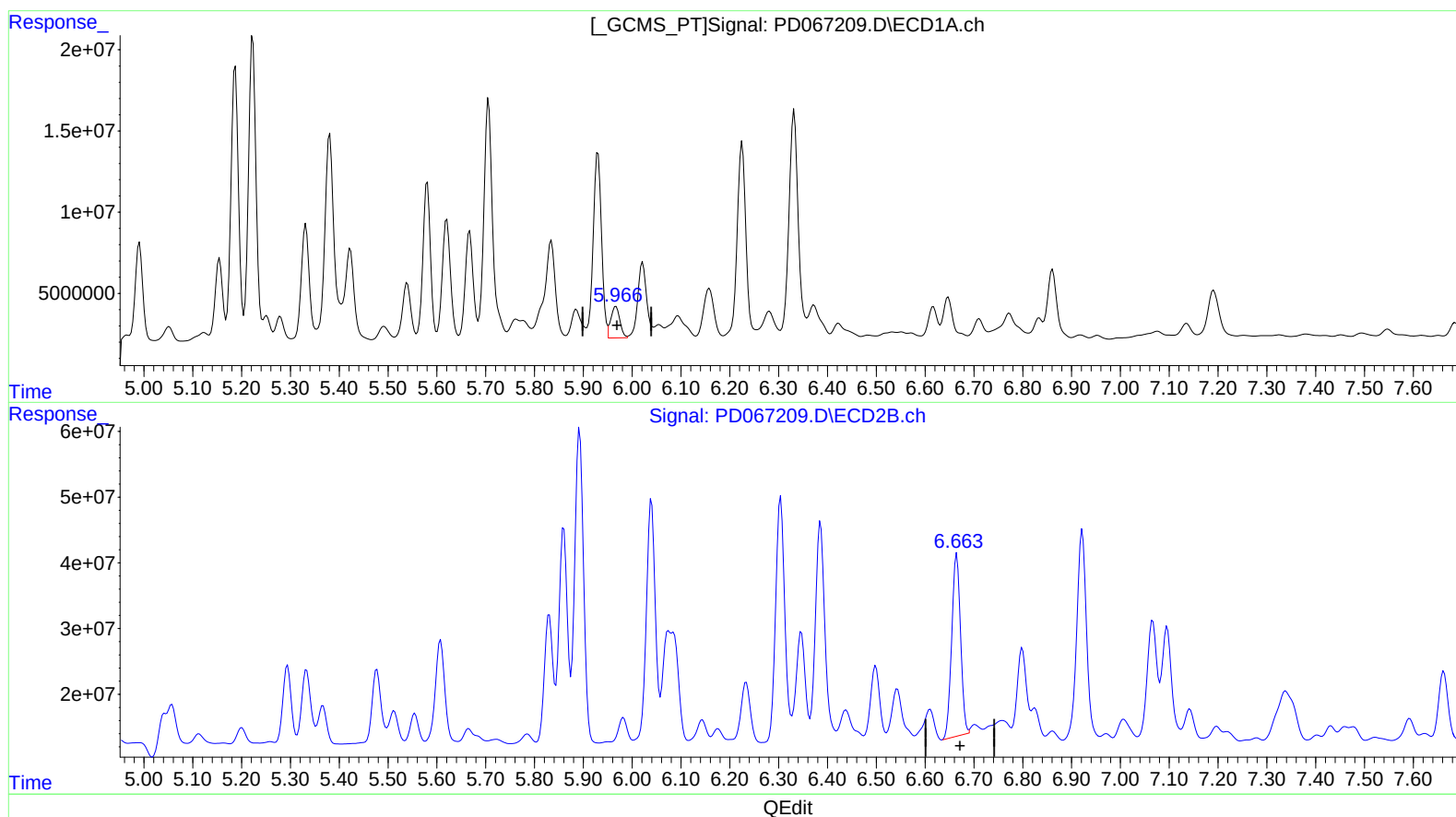
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(14) Endrin (MA)

5.966min 10.690 ng/ml m

response 24448149

(14) Endrin #2 (MA)

6.665min 59.925 ng/ml

response 347660539

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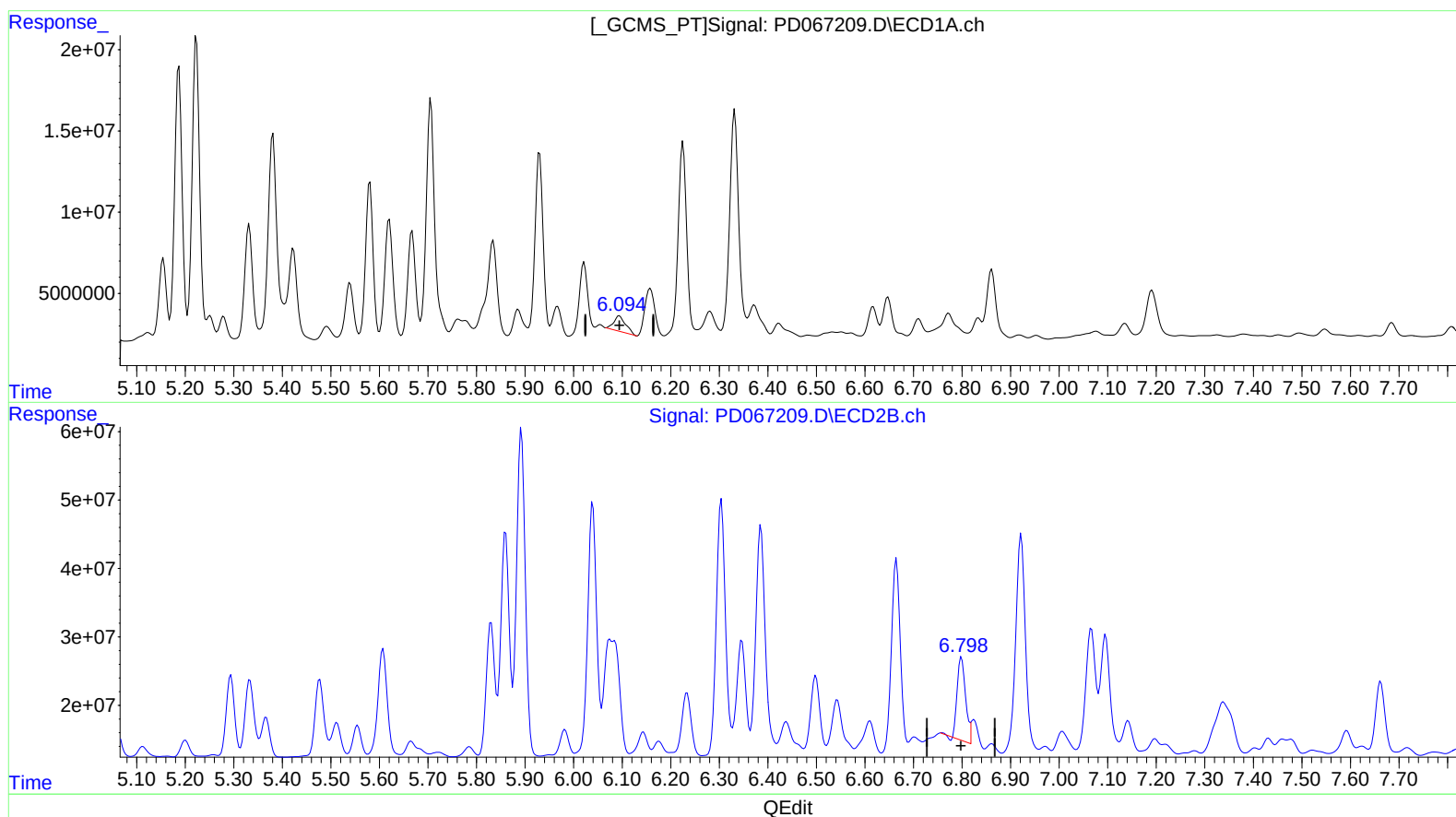
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(16) 4,4'-DDD (A)

6.094min 7.672 ng/ml

response 16219914

(16) 4,4'-DDD #2 (A)

6.799min 25.175 ng/ml

response 147226383

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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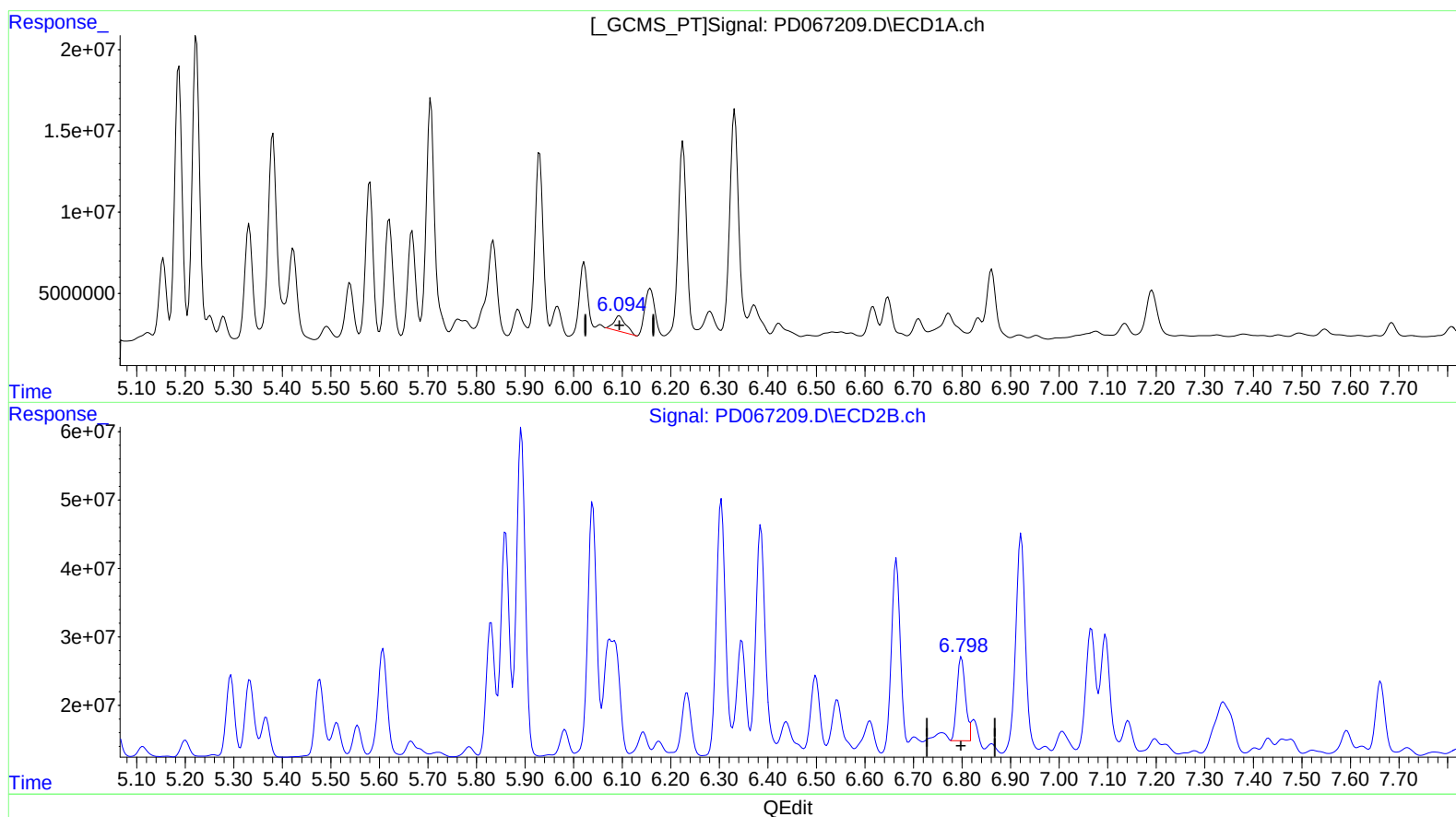
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)

6.094min 7.672 ng/ml

response 16219914

(16) 4,4'-DDD #2 (A)

6.798min 26.549 ng/ml m

response 155262679

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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ALS Vial : 25 Sample Multiplier: 1

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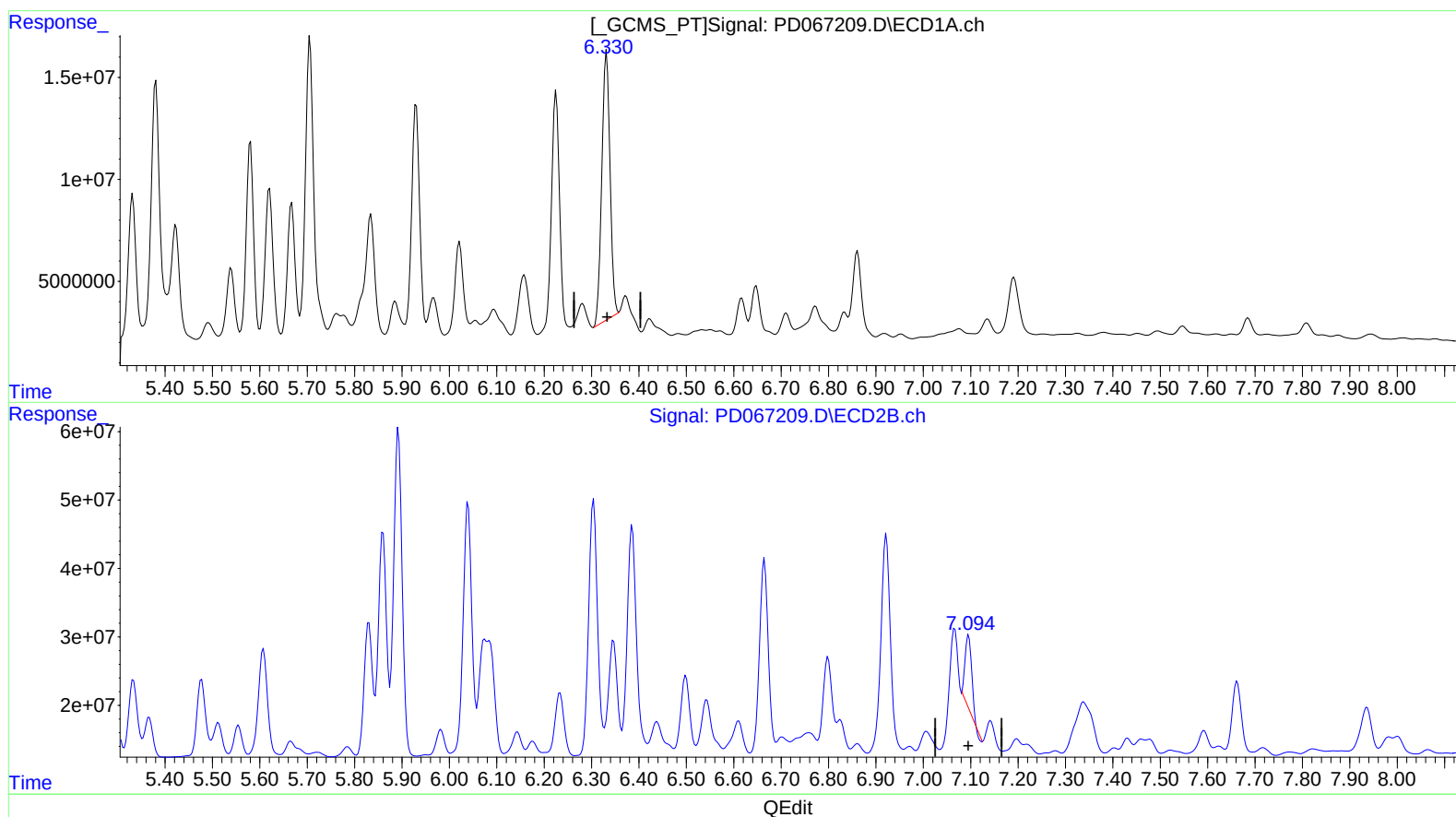
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(17) 4,4'-DDT (MA)

6.332min 74.241 ng/ml

response 157817820

(17) 4,4'-DDT #2 (MA)

7.096min 17.853 ng/ml

response 102872466

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Instrument :
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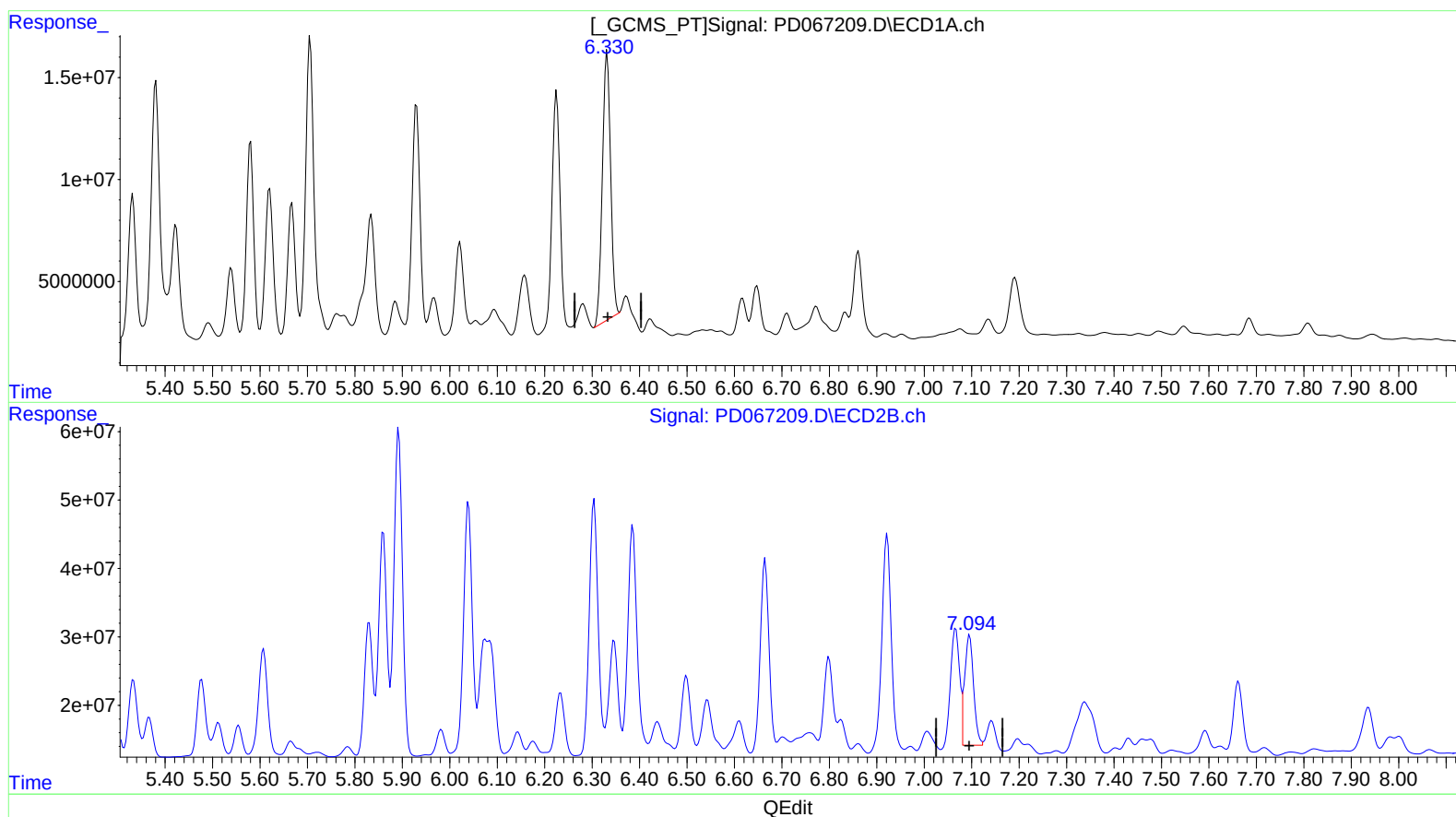
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(17) 4,4'-DDT (MA)

6.332min 74.241 ng/ml

response 157817820

(17) 4,4'-DDT #2 (MA)

7.094min 35.469 ng/ml m

response 204387124

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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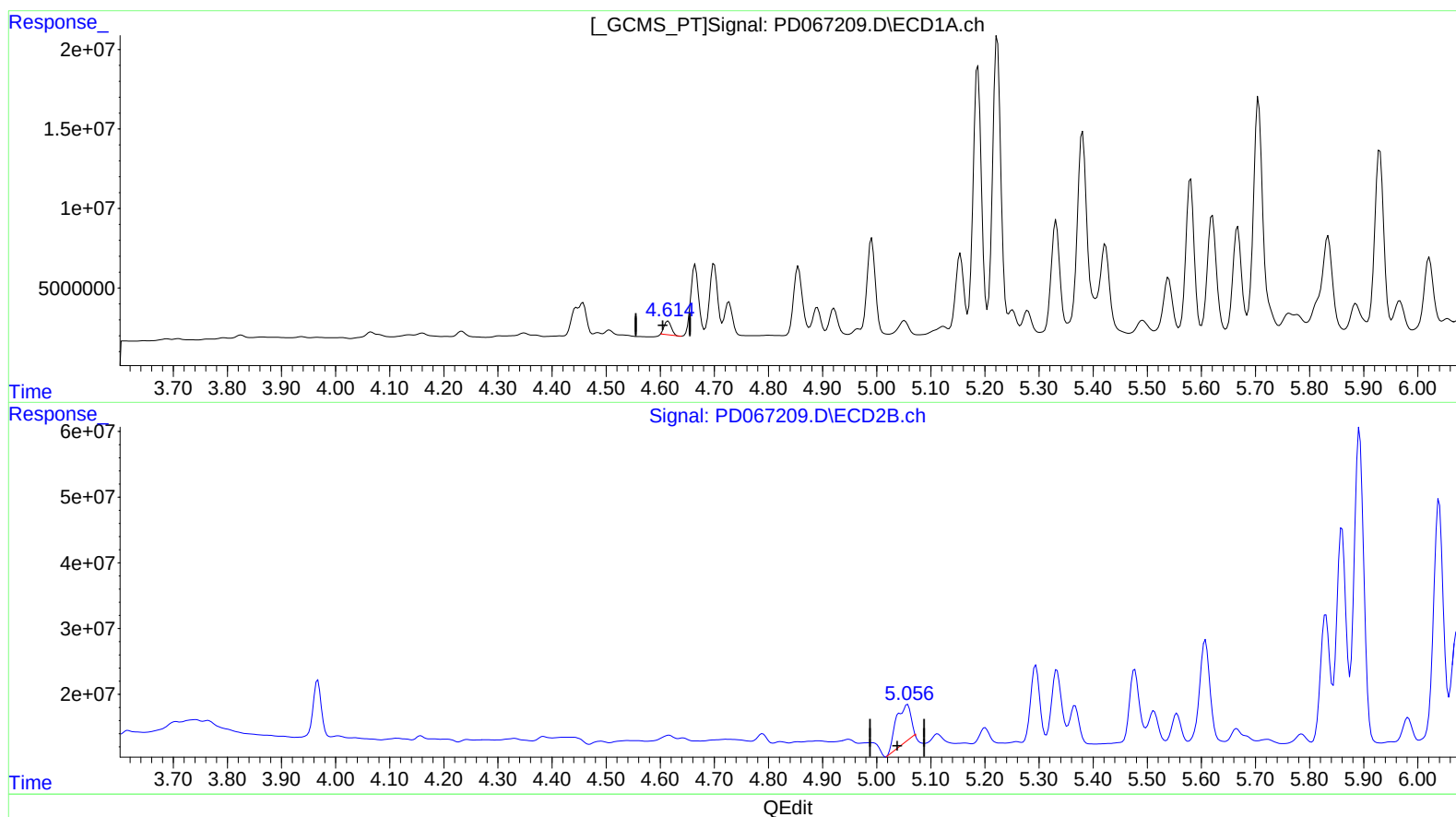
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(7) delta-BHC (B)

4.615min 2.666 ng/ml

response 7626561

(7) delta-BHC #2 (B)

5.057min 12.108 ng/ml

response 107174971

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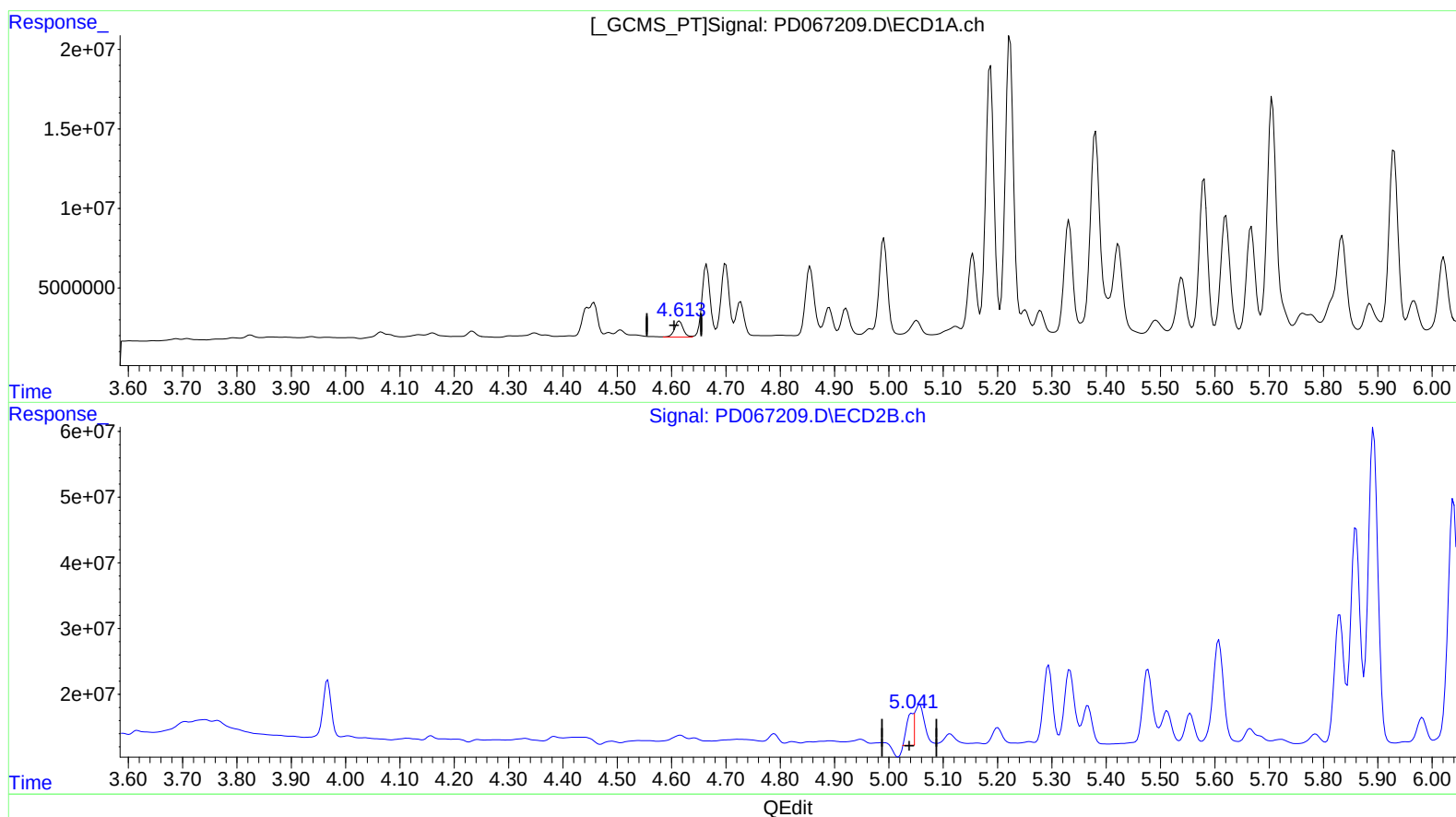
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(7) delta-BHC (B)

4.613min 3.921 ng/ml m
response 11215377

(7) delta-BHC #2 (B)

5.041min 4.018 ng/ml m
response 35561330

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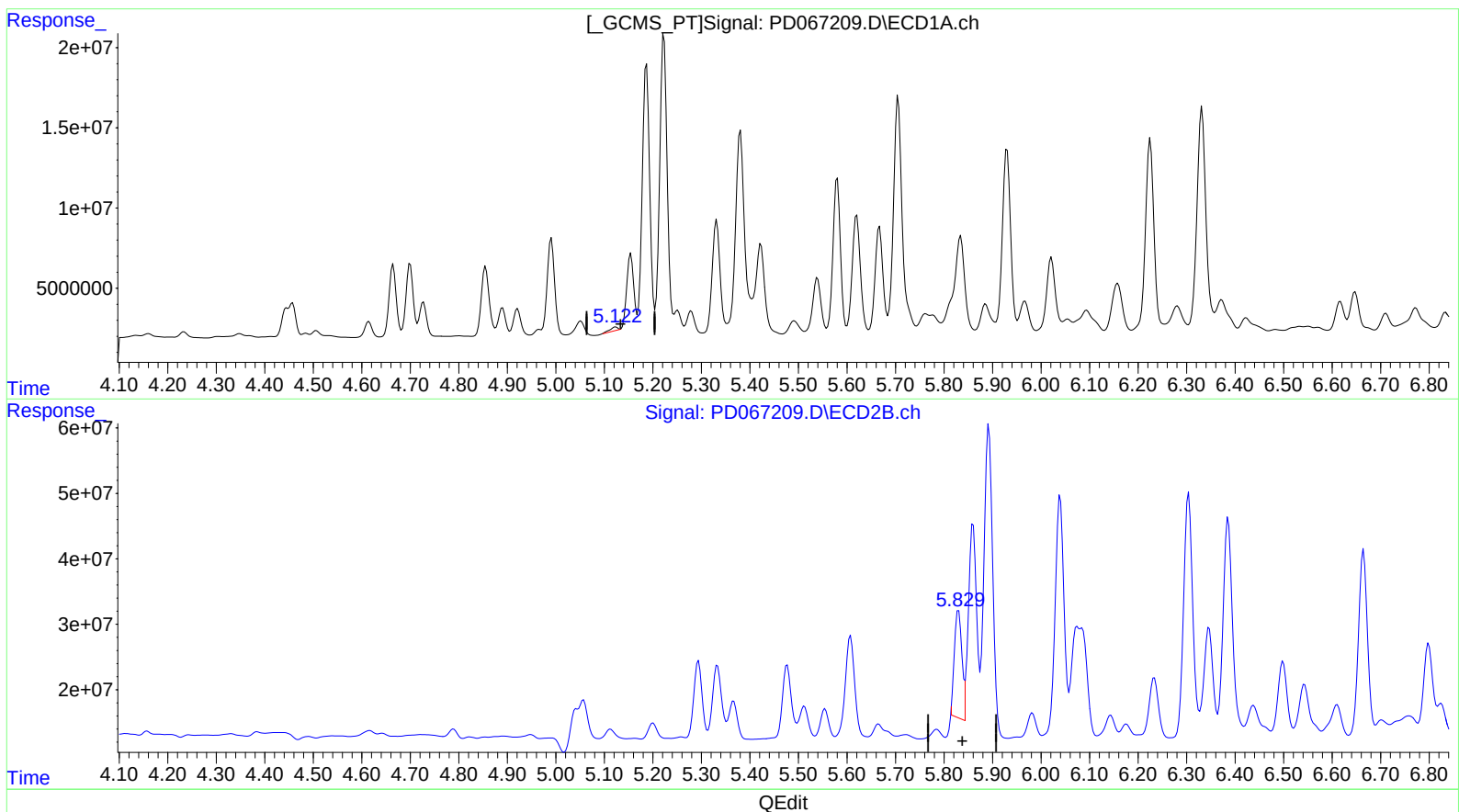
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(8) Heptachlor epoxide (B)

5.124min 0.900 ng/ml

response 2485731

(8) Heptachlor epoxide #2 (B)

5.830min 24.853 ng/ml

response 174192778

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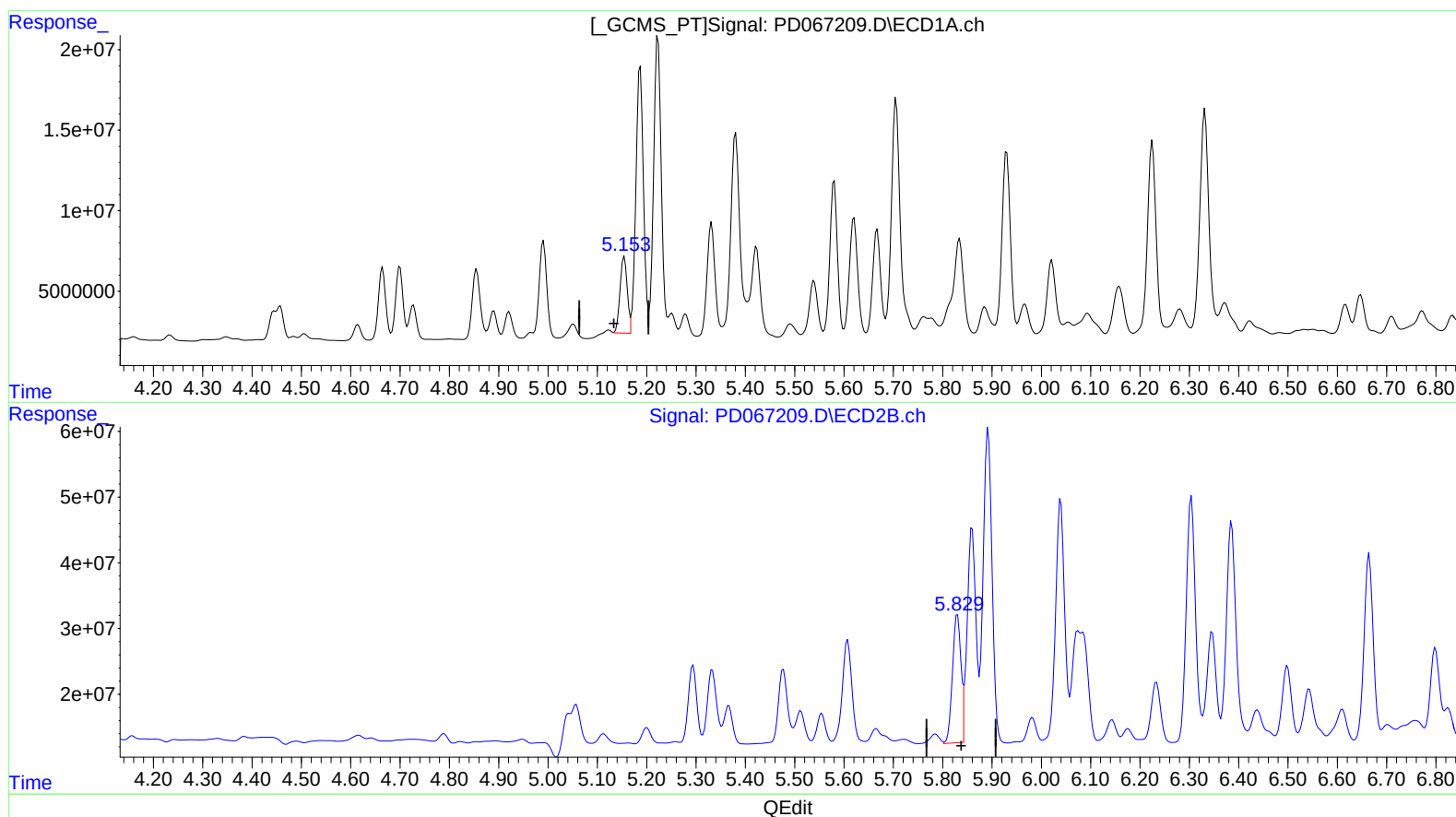
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(8) Heptachlor epoxide (B)

5.153min 18.201 ng/ml m

response 50264484

(8) Heptachlor epoxide #2 (B)

5.829min 33.016 ng/ml m

response 231404203

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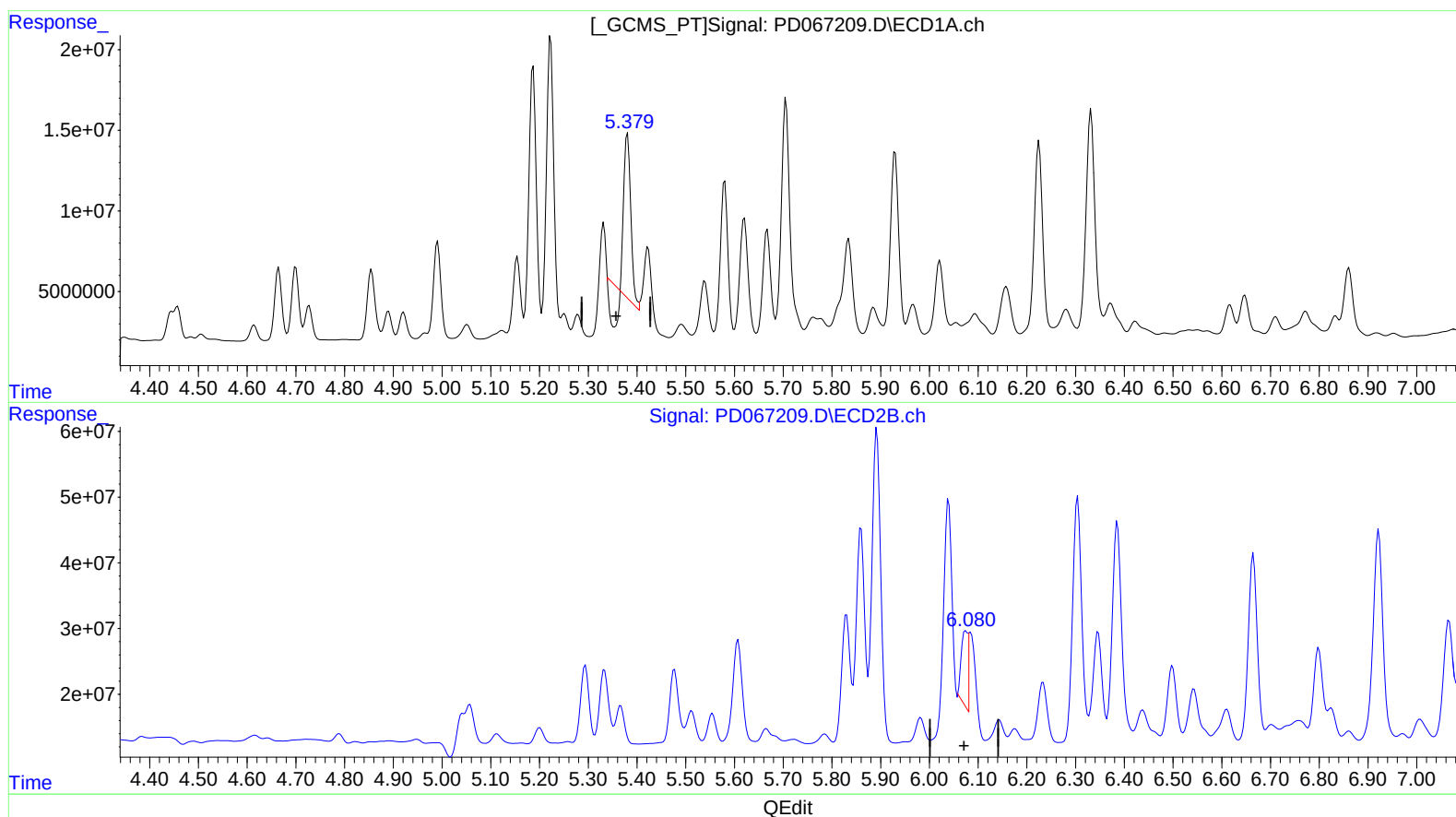
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(10) trans-Chlordane (B)

5.381min 29.912 ng/ml

response 84280071

(10) trans-Chlordane #2 (B)

6.075min 13.895 ng/ml

response 105465050

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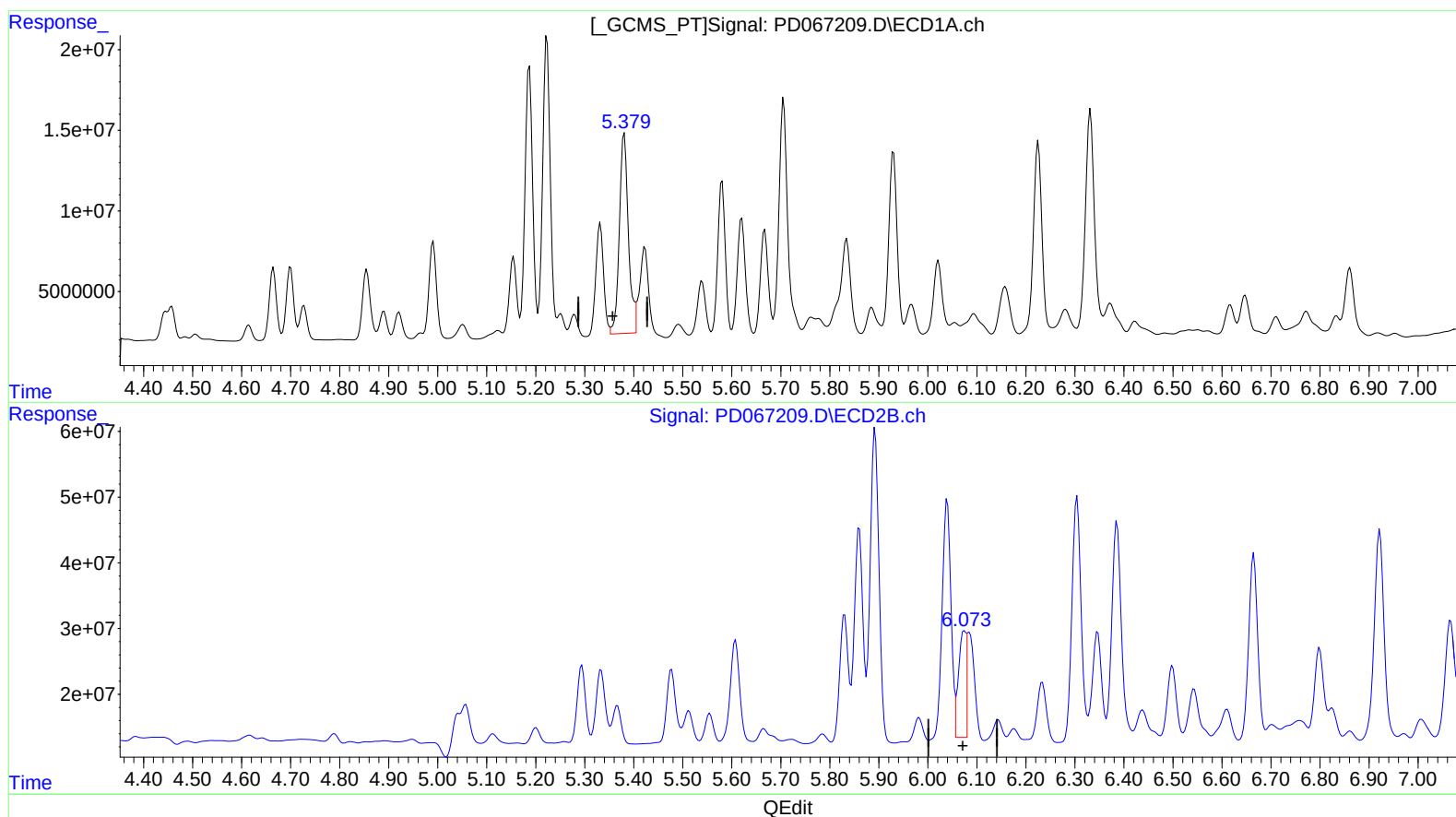
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(10) trans-Chlordane (B)
5.379min 57.545 ng/ml m
response 162135638

(10) trans-Chlordane #2 (B)
6.073min 20.935 ng/ml m
response 158897299

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
 Data File : PD067209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2021 14:16
 Operator : AR\AJ
 Sample : M4833-24
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ESQP7

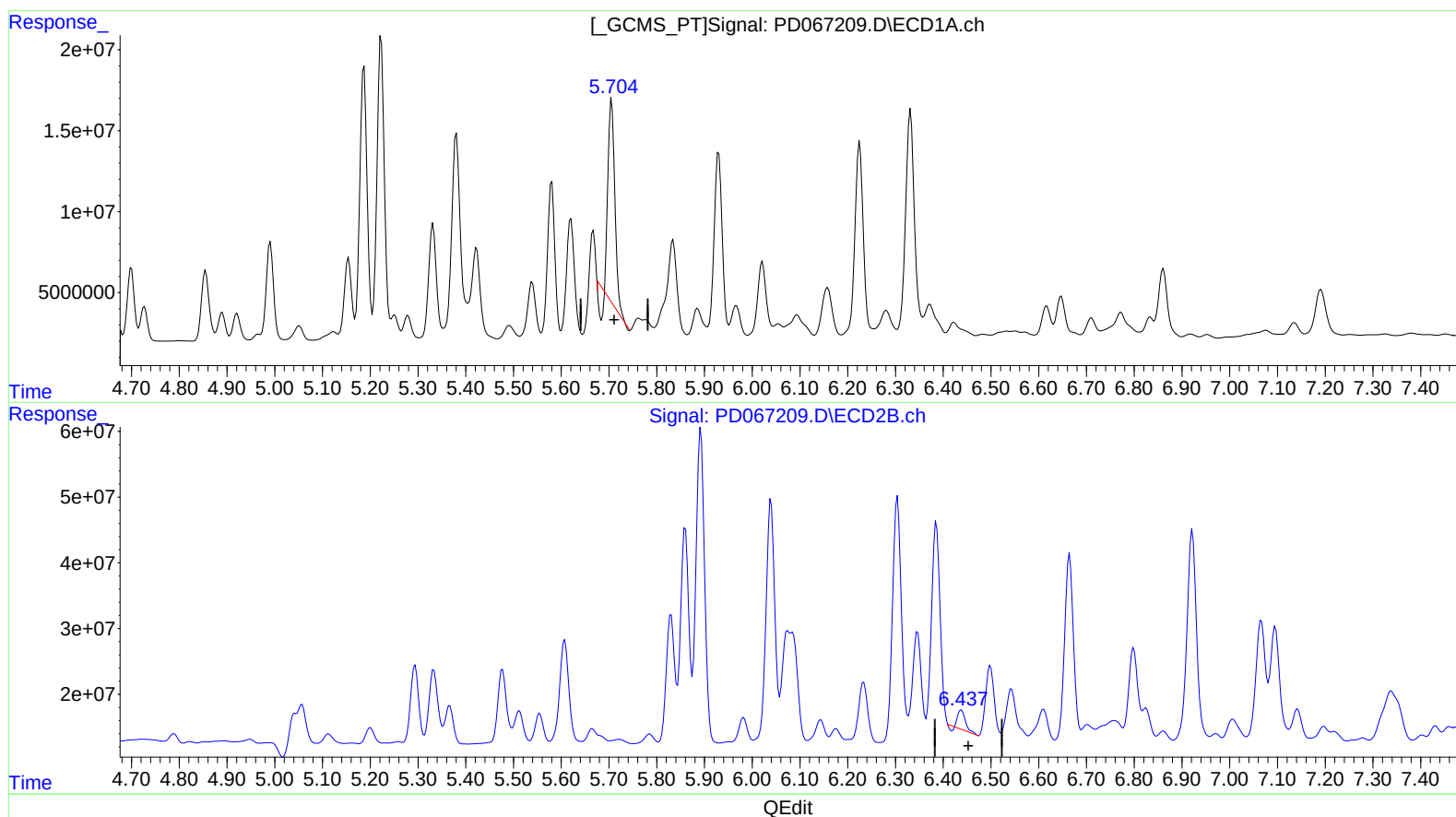
Manual IntegrationsAPPROVED

Reviewed By :Abdul
 Mirza
 12/03/2021

Supervised By :mohammad
 ahmed
 12/07/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 02:16:41 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



(13) Dieldrin (MA)
 5.706min 40.421 ng/ml
 response 116397907

(13) Dieldrin #2 (MA)
 6.438min 4.114 ng/ml
 response 30614917

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 14:16
Operator : AR\AJ
Sample : M4833-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQP7

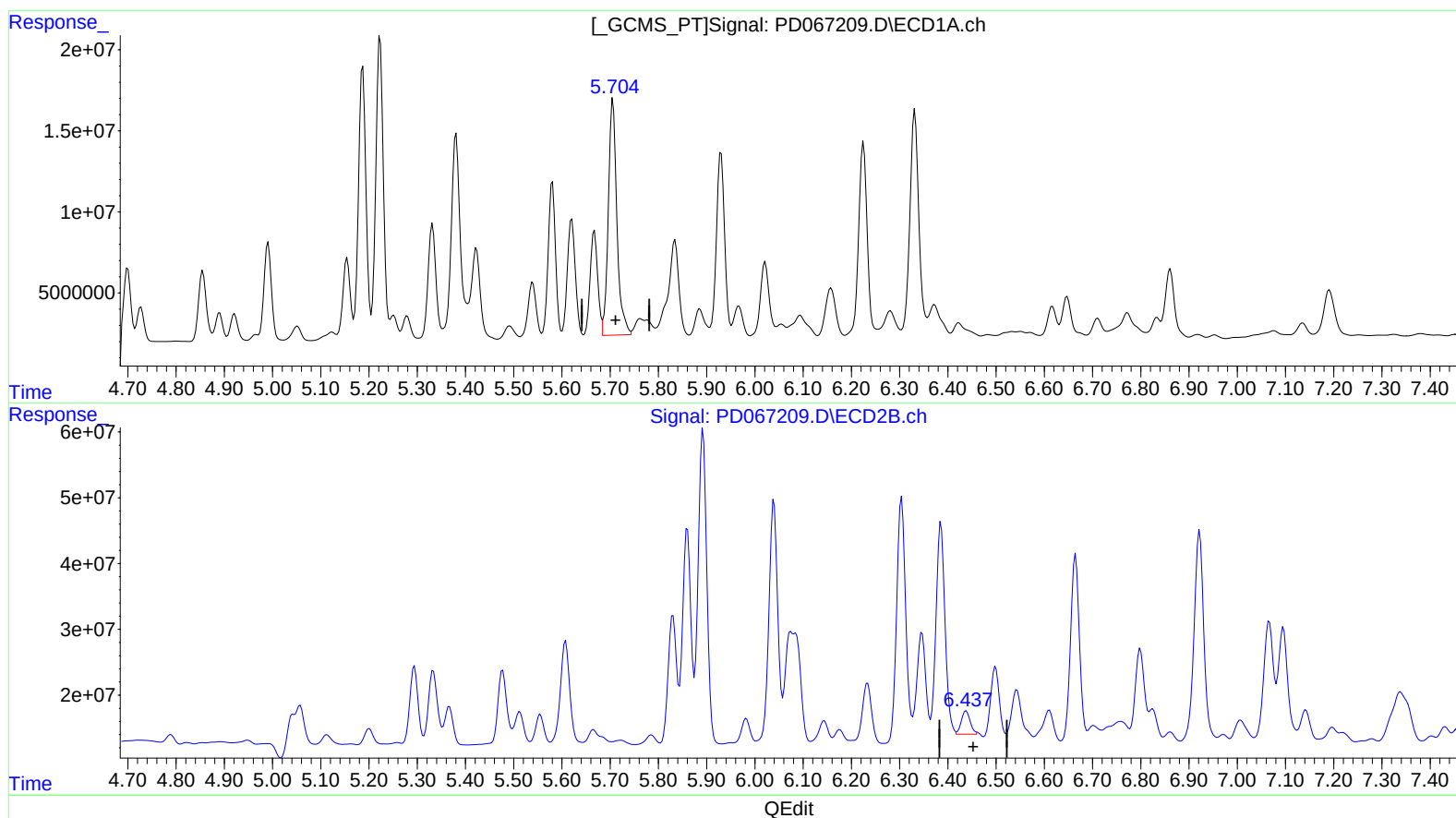
Manual IntegrationsAPPROVED

Reviewed By :Abdul
Mirza
12/03/2021

Supervised By :mohammad
ahmed
12/07/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:55:57 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



(13) Dieldrin (MA)
5.704min 62.069 ng/ml m
response 178736499

(13) Dieldrin #2 (MA)
6.437min 6.118 ng/ml m
response 45519752

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
 Data File : PD067209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2021 14:16
 Operator : AR\AJ
 Sample : M4833-24
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 Client Sampled :
 ESQP7

Manual Integrations APPROVED

Reviewed By : Abdul
 Mirza
 12/03/2021
 Supervised By : mohammad
 ahmed
 12/07/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 04:55:57 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 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

System Monitoring Compounds						
1) SA Tetrachlo...	3.437	3.967	24832241	90163554	11.373	11.254
27) SA Decachlor...	8.162	9.024	18283969	101.7E6	16.104	20.062
Target Compounds						
7) B delta-BHC	4.613	5.041	11215377	35561330	3.921m	4.018m
8) B Heptachlo...	5.153	5.829	50264484	231.4E6	18.201m	33.016m#
10) B trans-Chl...	5.379	6.073	162.1E6	158.9E6	57.545m	20.935m#
11) B cis-Chlor...	5.421	6.144	68990863	40986775	24.863m	5.540 #
12) B 4,4'-DDE	5.579	6.304	100.4E6	469.6E6	40.122m	70.074 #
13) MA Dieldrin	5.704	6.437	178.7E6	45519752	62.069m	6.118m#
14) MA Endrin	5.966	6.665	24448149	347.7E6	10.690m	59.925 #
16) A 4,4'-DDD	6.094	6.798	16219914	155.3E6	7.672	26.549m#
17) MA 4,4'-DDT	6.332	7.094	157.8E6	204.4E6	74.241	35.469m#

Handwritten signature and date: 12/2/21

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