Quantitation Report (Qedit)

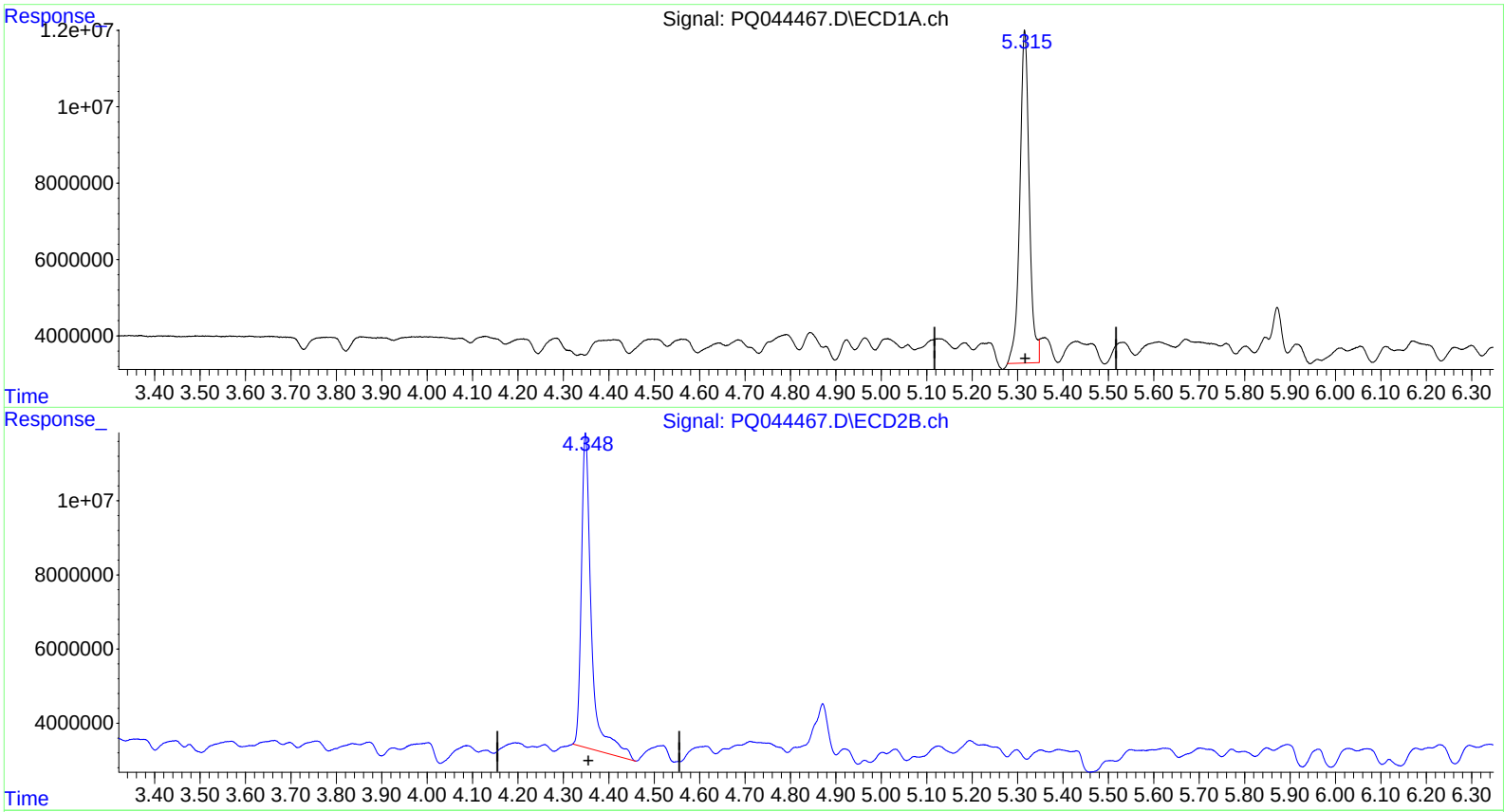
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101719\
Data File : PQ044467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2019 10:05
Operator : HP\AJ
Sample : K5236-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BEPN0

Manual Integrations APPROVED
Ankita
10/21/2019 10:18:42 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 01:15:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(1) Tetrachloro-m-xylene (SA)

5.316min 32.204 ng/ml

response 125199188

(1) Tetrachloro-m-xylene #2 (SA)

4.349min 29.279 ng/ml

response 130697362

(+) = Expected Retention Time

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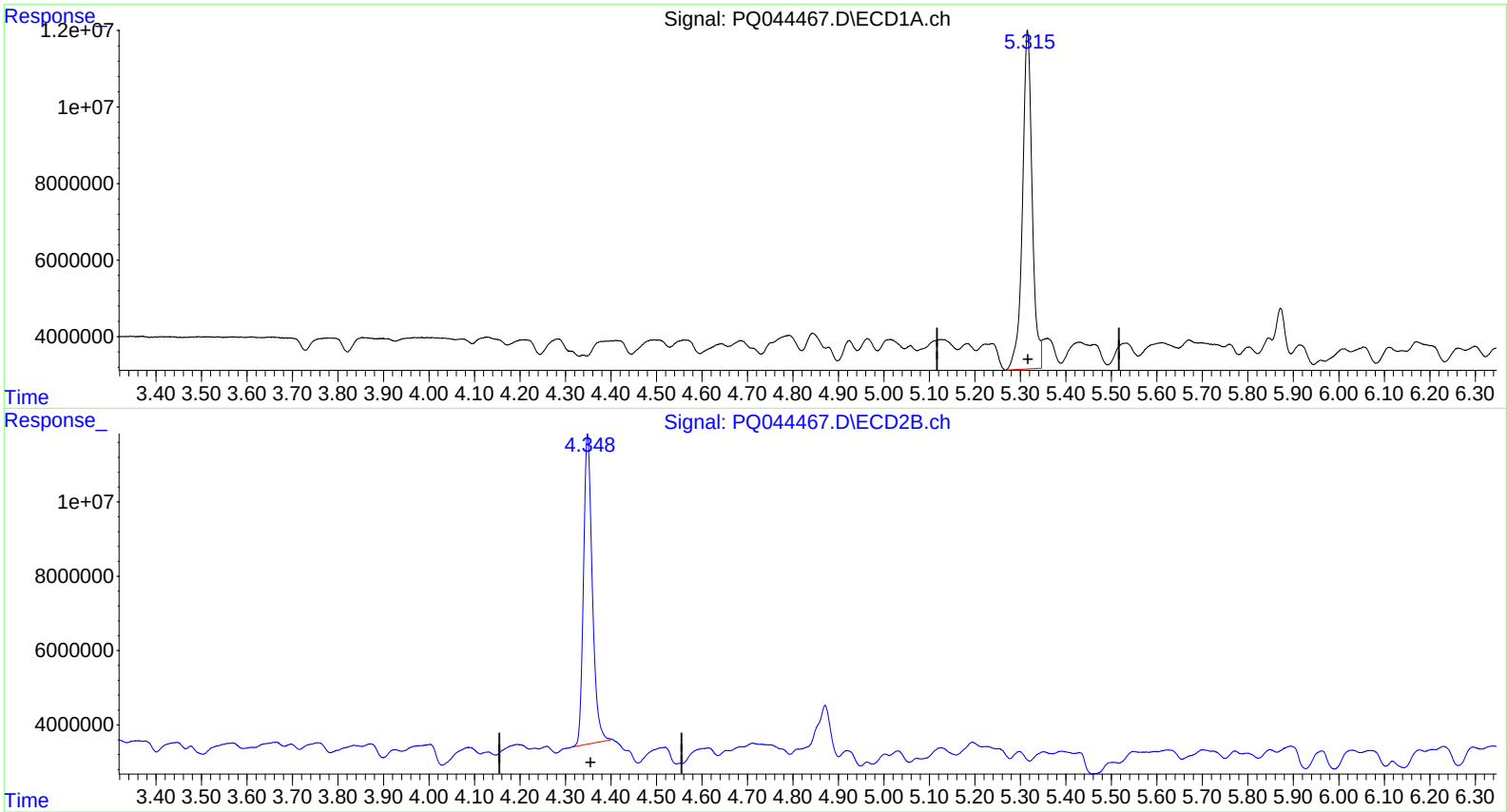

QEdit

(1) Tetrachloro-m-xylene (SA)

5.315min 33.626 ng/ml m

response 130726429

(1) Tetrachloro-m-xylene #2 (SA)

4.348min 24.993 ng/ml m

response 111562885

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Sample : K5236-17
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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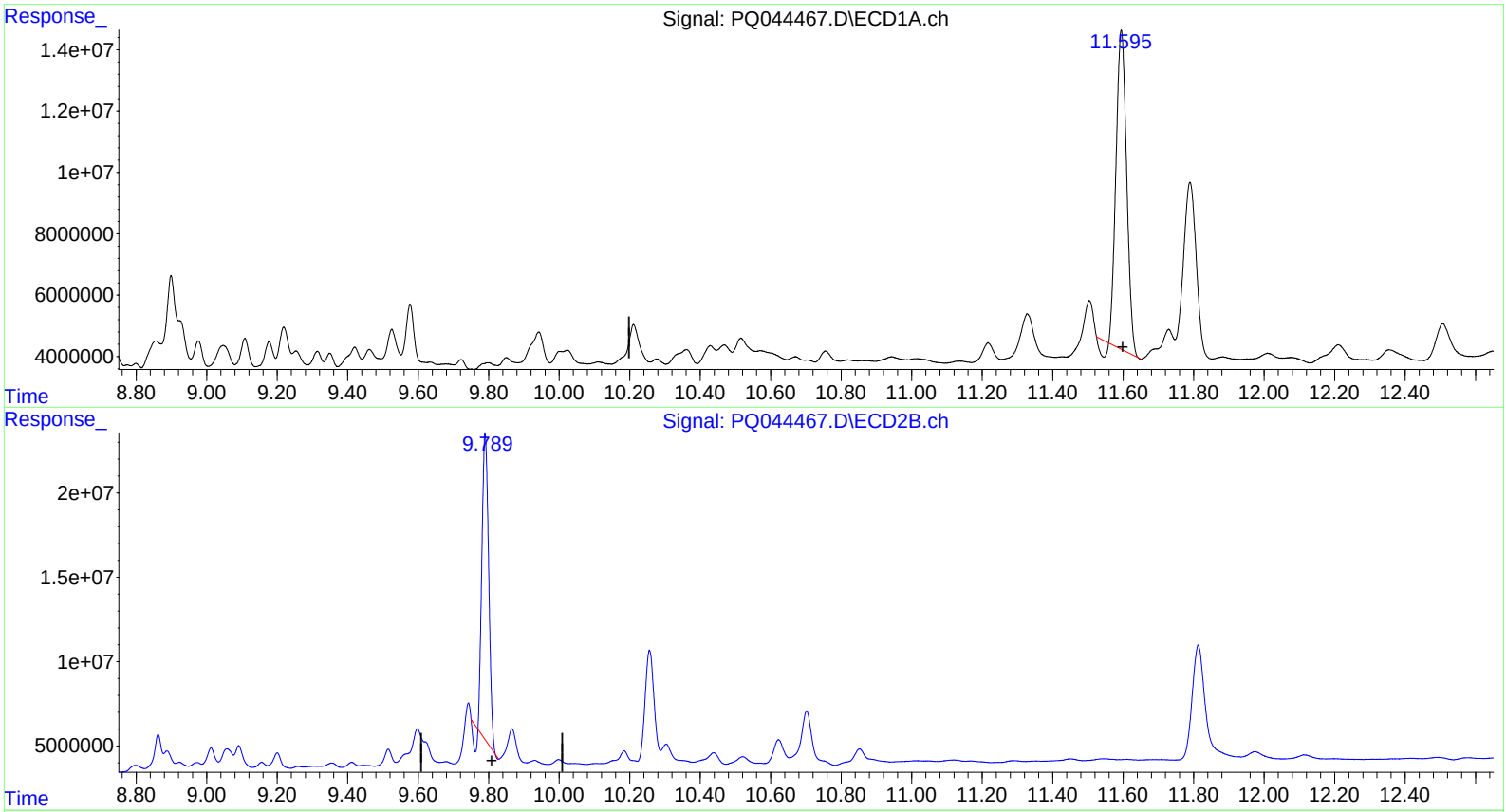
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(2) Decachlorobiphenyl (SA)
11.595min 39.446 ng/ml
response 211332394

(2) Decachlorobiphenyl #2 (SA)
9.790min 38.870 ng/ml
response 232499306

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101719\
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Sample : K5236-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BEPN0

Manual Integrations APPROVED
Ankita
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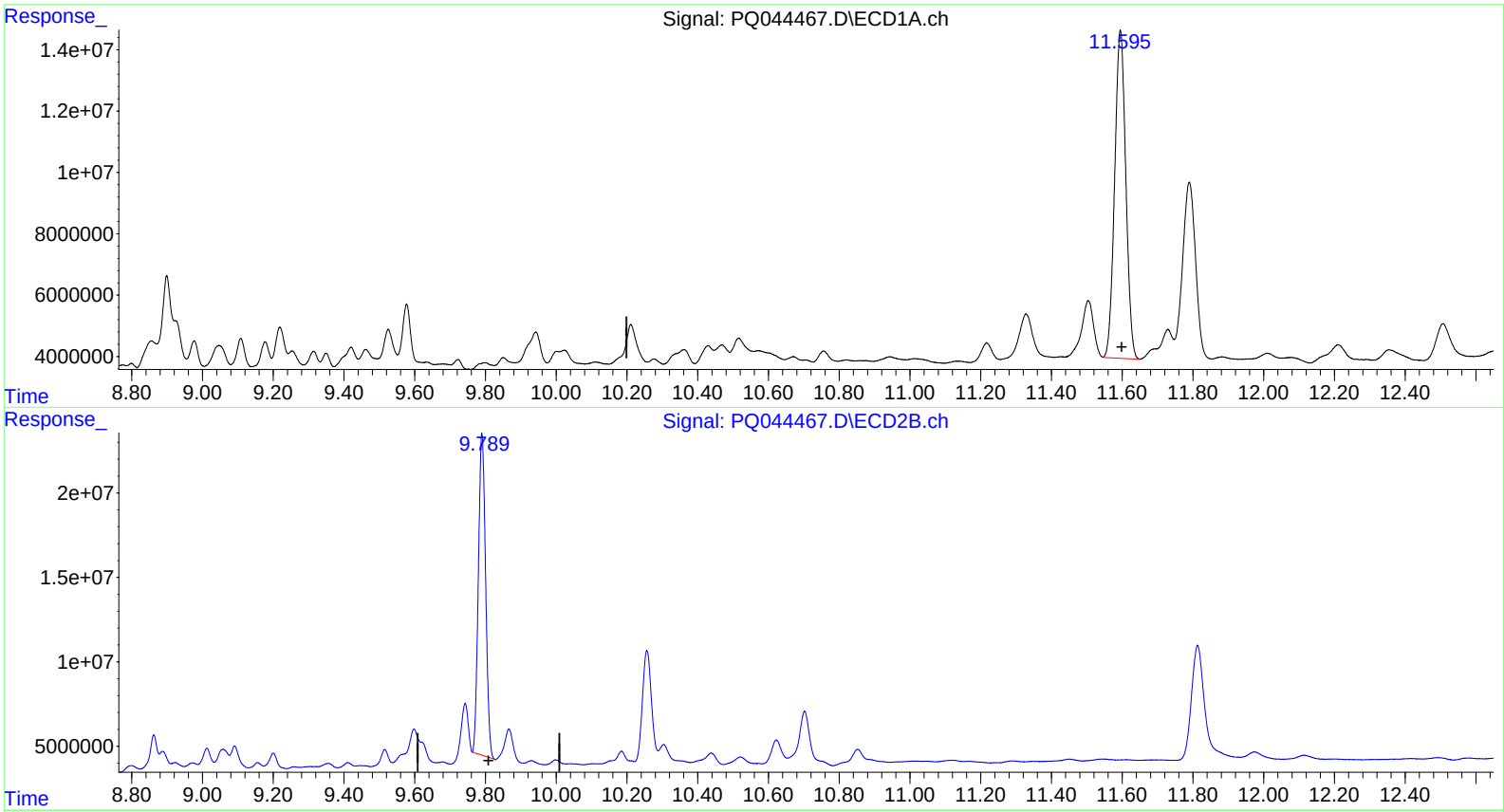
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(2) Decachlorobiphenyl (SA)
11.595min 43.577 ng/ml m
response 233462416

(2) Decachlorobiphenyl #2 (SA)
9.789min 45.168 ng/ml m
response 270166248

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Sample : K5236-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
ECD_Q
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Manual Integrations APPROVED
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10/21/2019 10:18:42 AM

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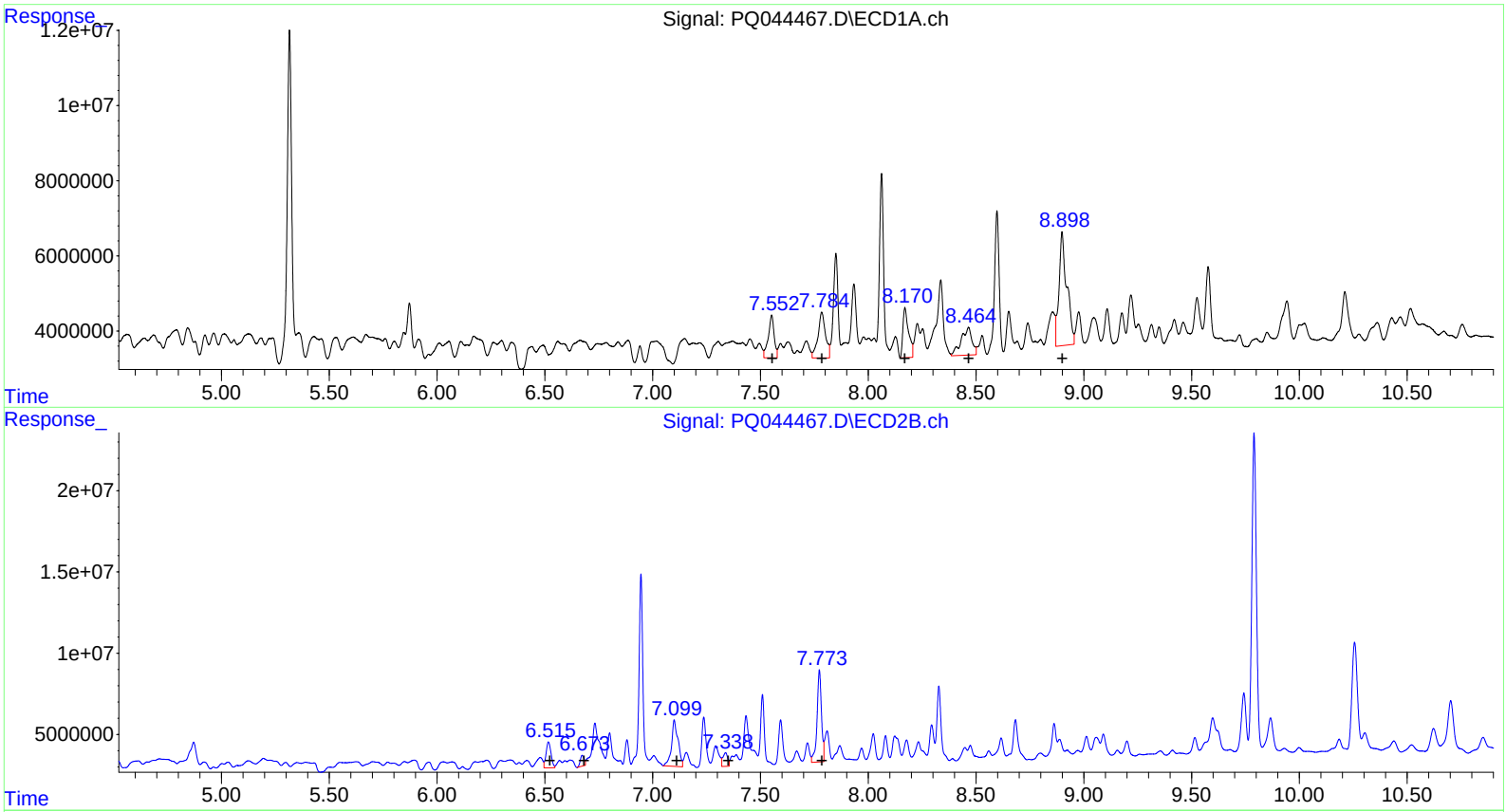

QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
7.55	21540082	160.08
7.78	29411054	137.68
8.17	24408320	99.20
8.47	25693733	128.11
8.90	76346099	318.98

(26) AR-1254-1 #2 (L6)

R.T.	Response	Conc
6.52	25571420	87.67
6.67	8199669	31.40
7.10	59992105	137.31
7.34	13089972	48.73
7.77	80809758	202.09

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101719\
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ECD_Q
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Manual Integrations APPROVED
Ankita
10/21/2019 10:18:42 AM

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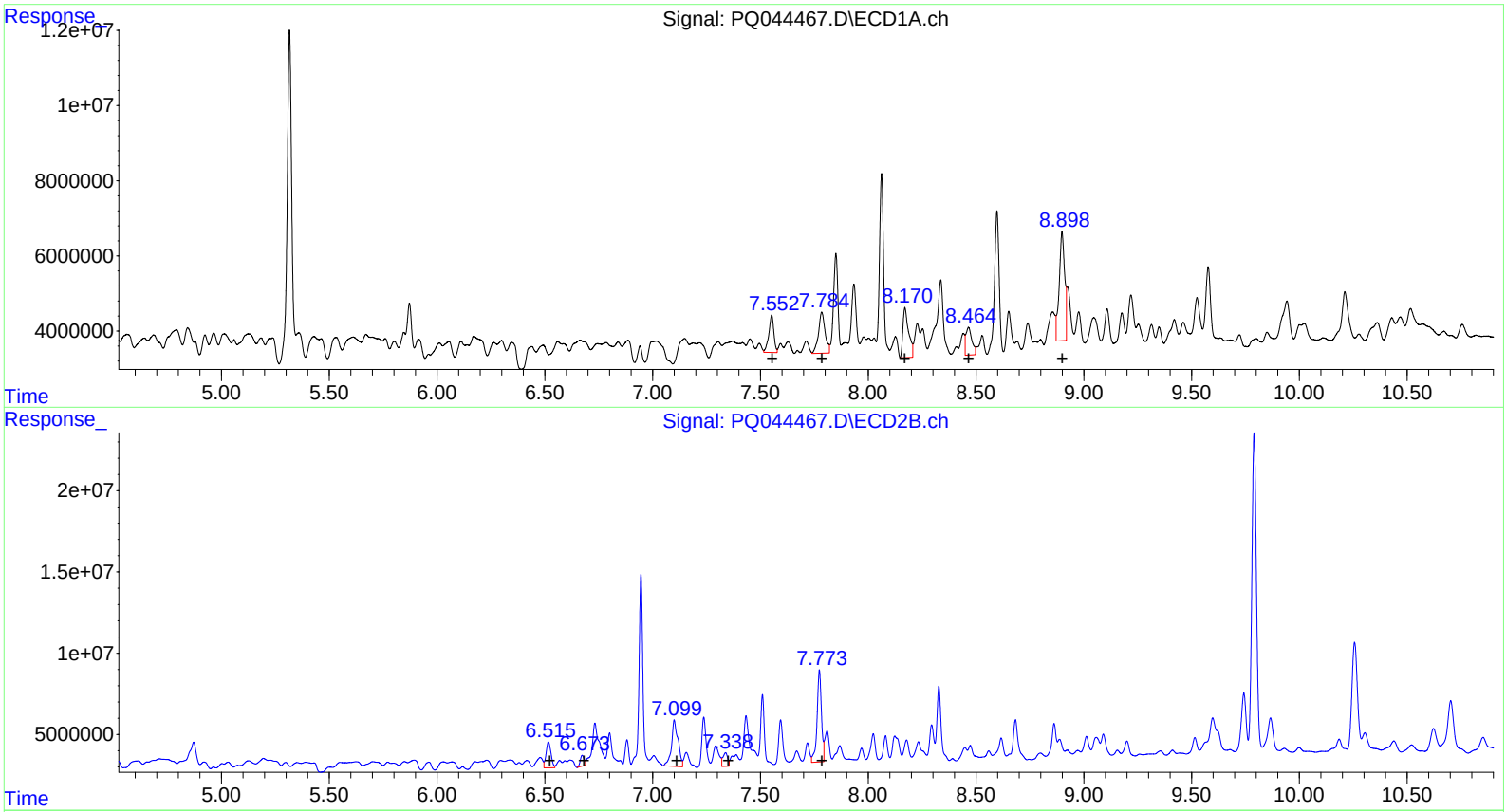
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
7.55	16135512	119.92
7.78	23505978	110.03
8.17	24408320	99.20
8.46	14232718	70.97
8.90	50770532	212.12

(26) AR-1254-1 #2 (L6)

R.T.	Response	Conc
6.52	25571420	87.67
6.67	8199669	31.40
7.10	59992105	137.31
7.34	13089972	48.73
7.77	80809758	202.09

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101719\
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ALS Vial : 44 Sample Multiplier: 1

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Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.315	4.348	130.7E6	111.6E6	33.626m	24.993m#
2)	SA Decachlor...	11.595	9.789	233.5E6	270.2E6	43.577m	45.168m
	Target Compounds						
26)	L6 AR-1254-1	7.552	6.517	16135512	25571420	119.915m	87.673 #
27)	L6 AR-1254-2	7.784	6.673	23505978	8199669	110.034m	31.404 #
28)	L6 AR-1254-3	8.171	7.100	24408320	59992105	99.201	137.311 #
29)	L6 AR-1254-4	8.464	7.338	14232718	13089972	70.965m	48.729 #
30)	L6 AR-1254-5	8.898	7.774	50770532	80809758	212.123m	202.094

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

Instrument :
ECD_Q
ClientSampleId :
BEPN0

Manual Integrations APPROVED
Ankita
10/21/2019 10:18:42 AM

AJ
10/23/19