Quantitation Report (Qedit)

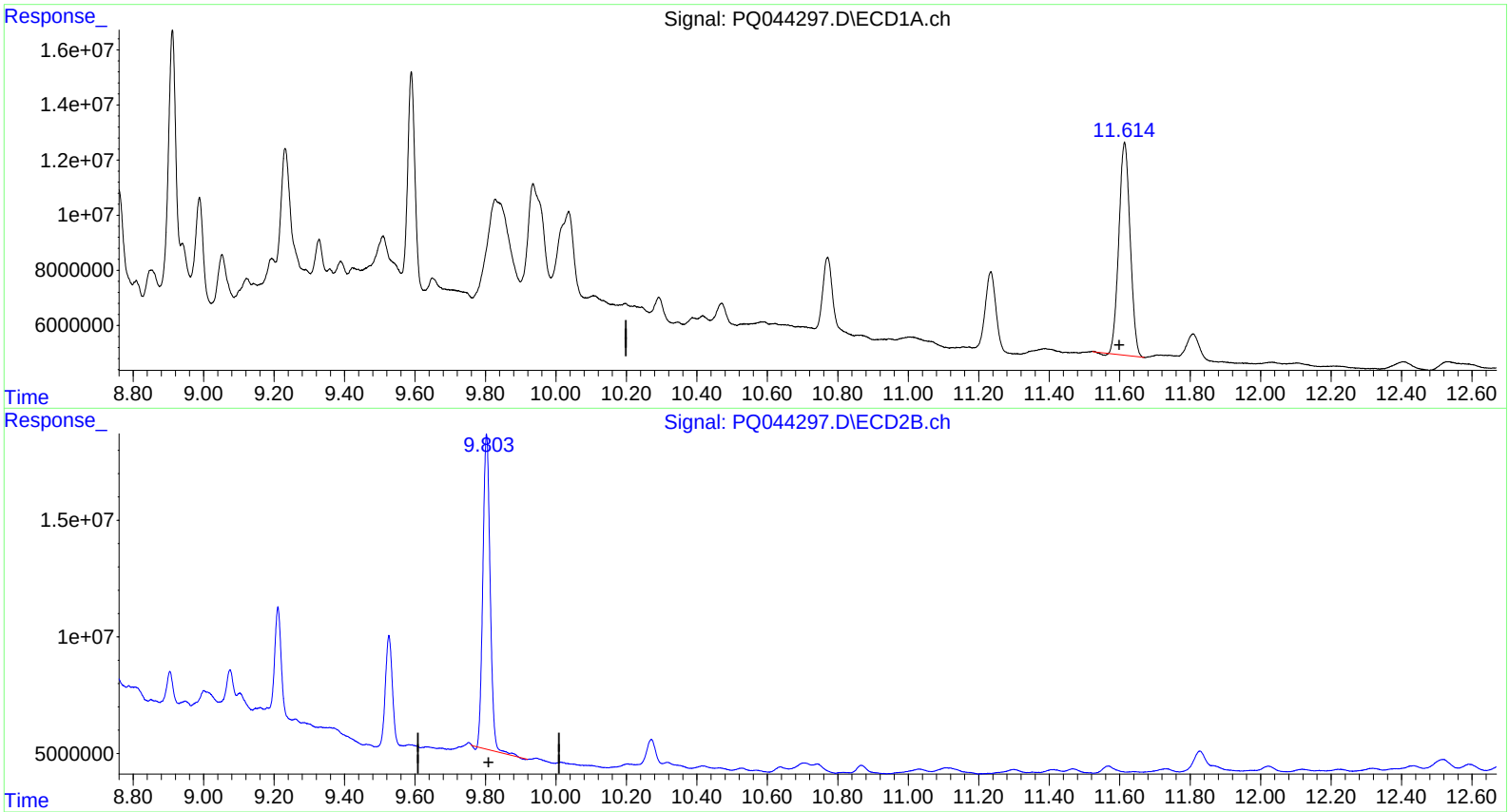
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101119\
Data File : PQ044297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Oct 2019 16:16
Operator : HP\AJ
Sample : K5262-09
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BFB72

Manual Integrations APPROVED
Ankita
10/14/2019 3:06:36 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:30:08 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

(2) Decachlorobiphenyl (SA)

11.614min 32.044 ng/ml

response 171674550

(2) Decachlorobiphenyl #2 (SA)

9.803min 32.297 ng/ml

response 193182381

(+) = Expected Retention Time

Quantitation Report (Qedit)

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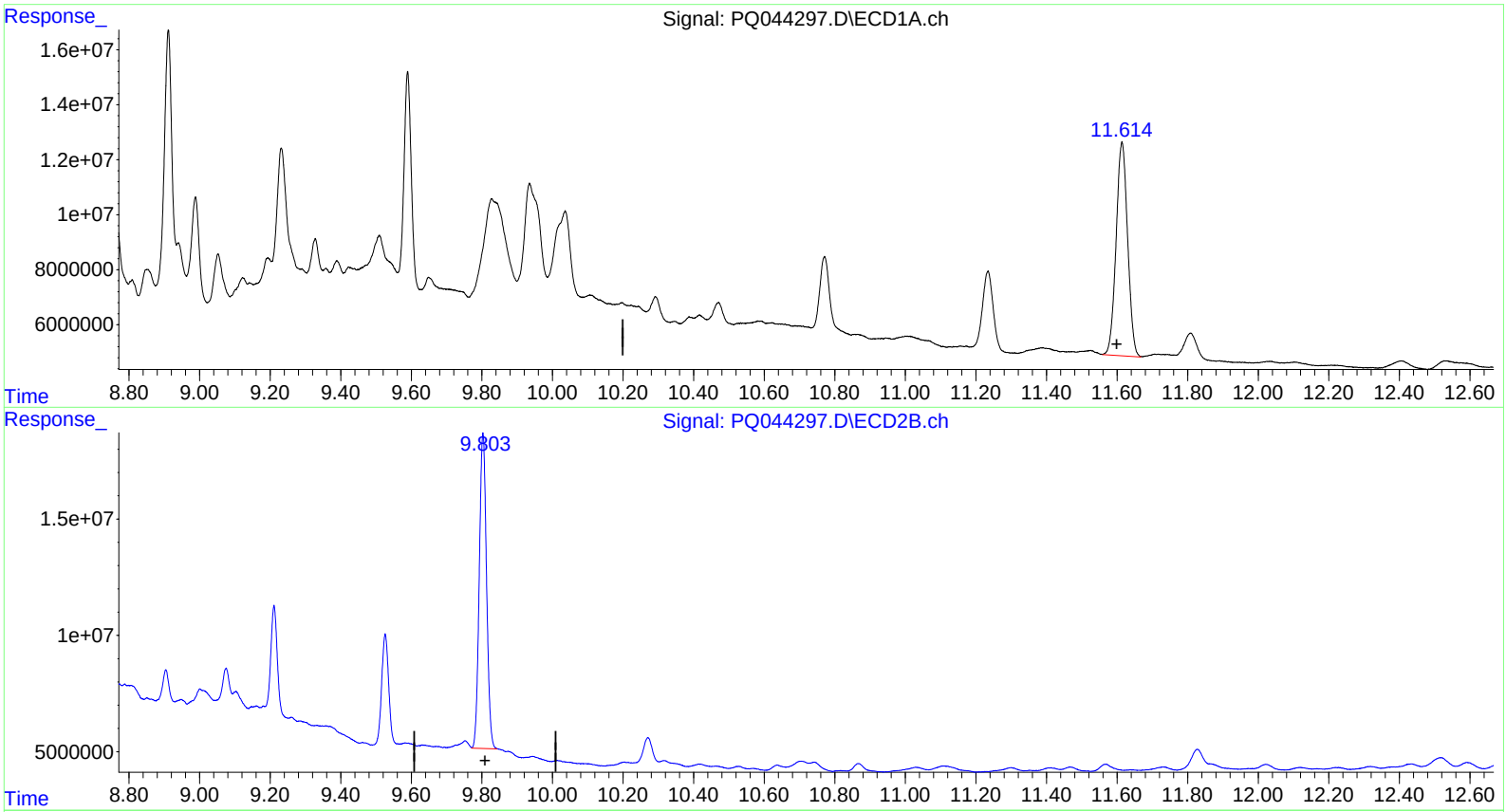

QEdit

(2) Decachlorobiphenyl (SA)

11.614min 32.819 ng/ml m

response 175827753

(2) Decachlorobiphenyl #2 (SA)

9.803min 32.271 ng/ml m

response 193023073

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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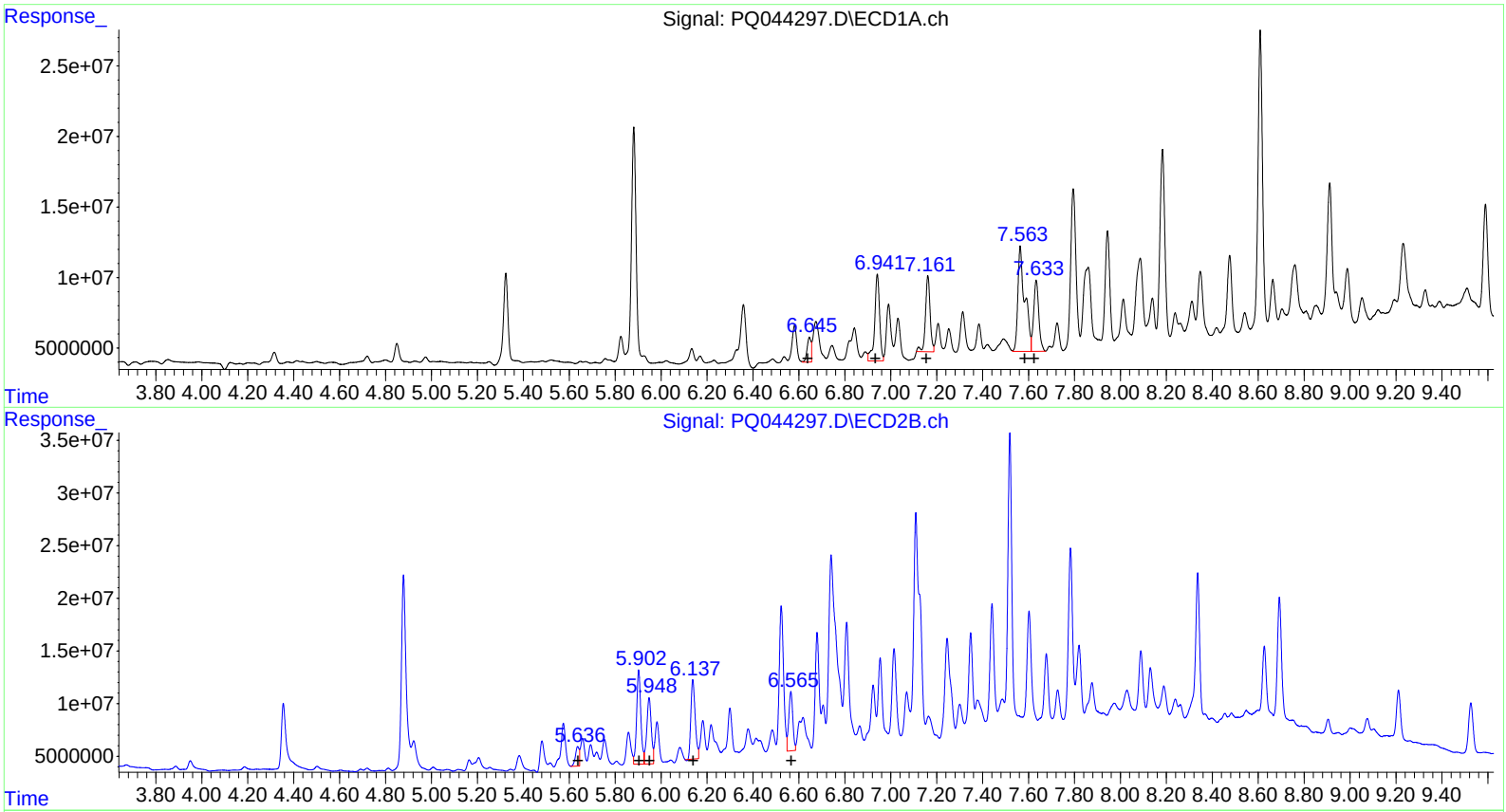

QEdit

(21) AR-1248-1 (L5)

R.T.	Response	Conc
6.65	20767471	283.02
6.94	92095057	929.69
7.16	75022851	694.67
7.56	157276583	1249.20
7.63	78319800	646.85

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
5.64	20760913	229.27
5.90	114283524	824.52
5.95	86784824	613.64
6.14	97712715	568.87
6.57	68702350	410.36

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Operator : HP\AJ
Sample : K5262-09
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ALS Vial : 98 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations APPROVED
Ankita
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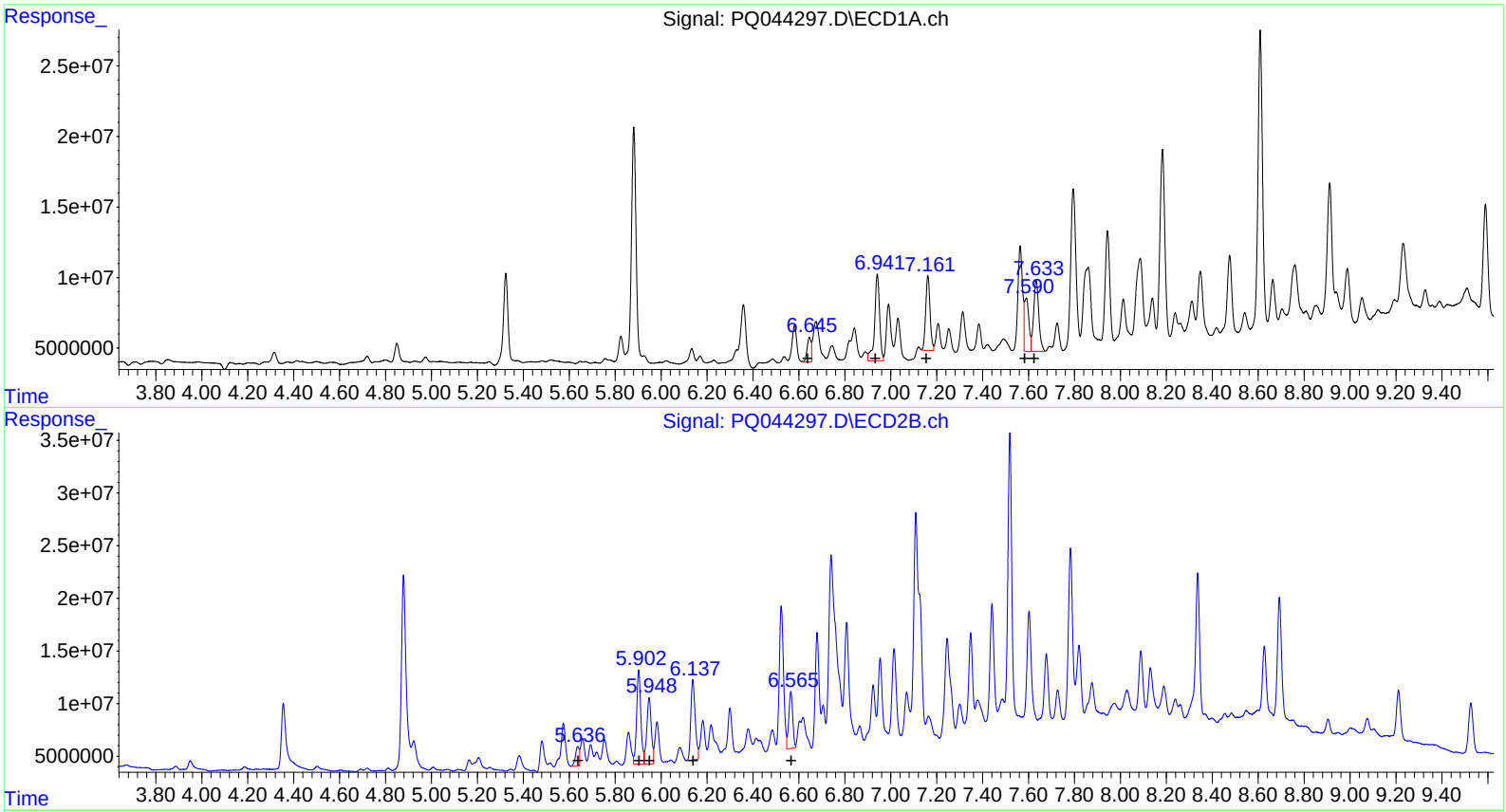

QEdit

(21) AR-1248-1 (L5)

R.T.	Response	Conc
6.65	20767471	283.02
6.94	92095057	929.69
7.16	69082786	639.66
7.59	50531389	401.36
7.63	78319800	646.85

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
5.64	20760913	229.27
5.90	114283524	824.52
5.95	86784824	613.64
6.14	100165647	583.15
6.56	63646320	380.16

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Sample : K5262-09
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations APPROVED
Ankita
10/14/2019 3:06:36 PM

Integration File signal 1: autoint1.e
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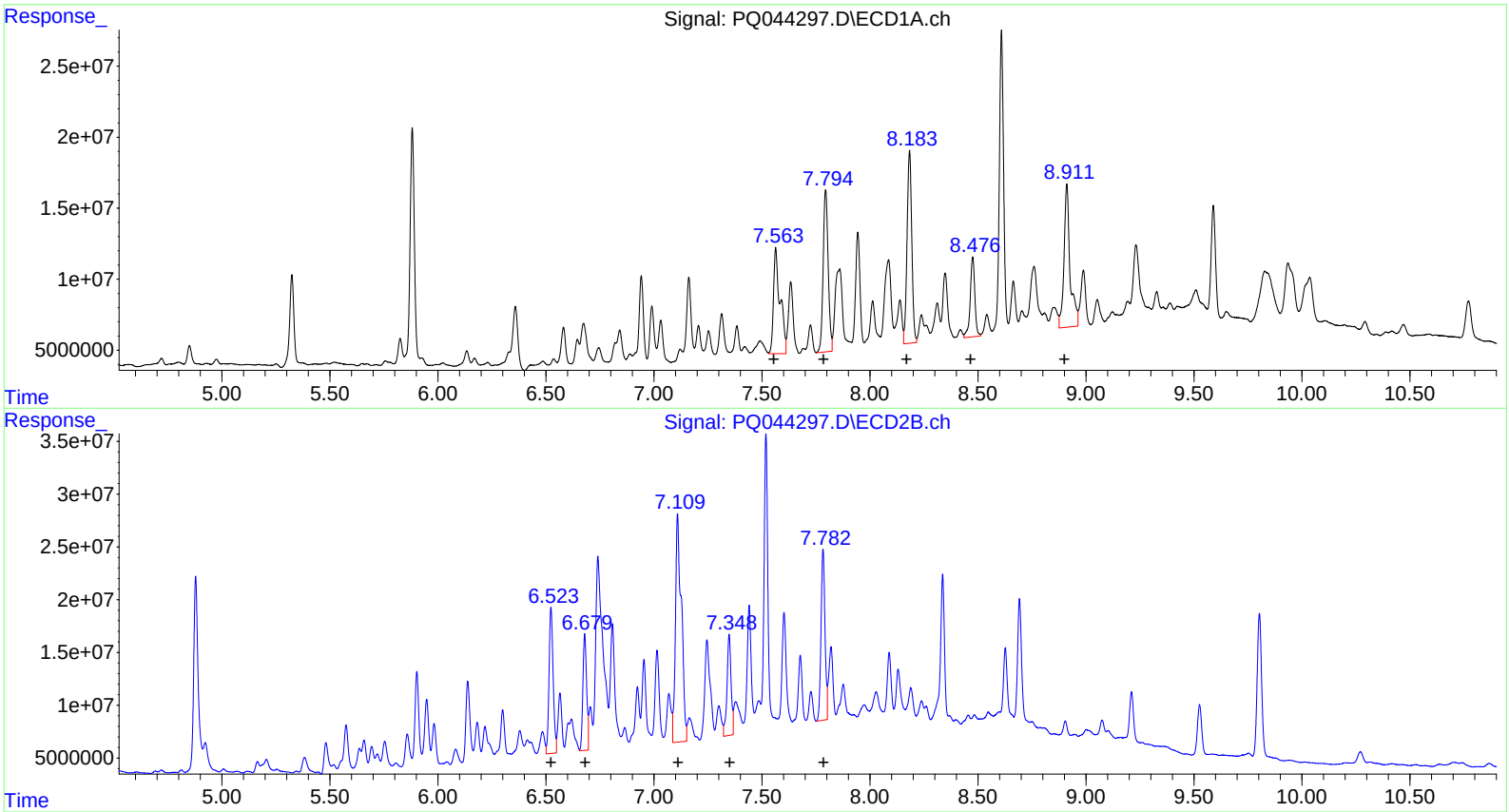

QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
7.56	157276583	1168.84
7.79	184371519	863.06
8.18	206233616	838.18
8.48	83941850	418.54
8.91	194732831	813.61

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

R.T.	Response	Conc
6.52	182322051	625.10
6.68	132886785	508.95
7.11	411766193	942.46
7.35	124869950	464.85
7.78	207631501	519.26

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Misc :
ALS Vial : 98 Sample Multiplier: 1

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ECD_Q
ClientSampleId :
BFB72

Manual Integrations APPROVED
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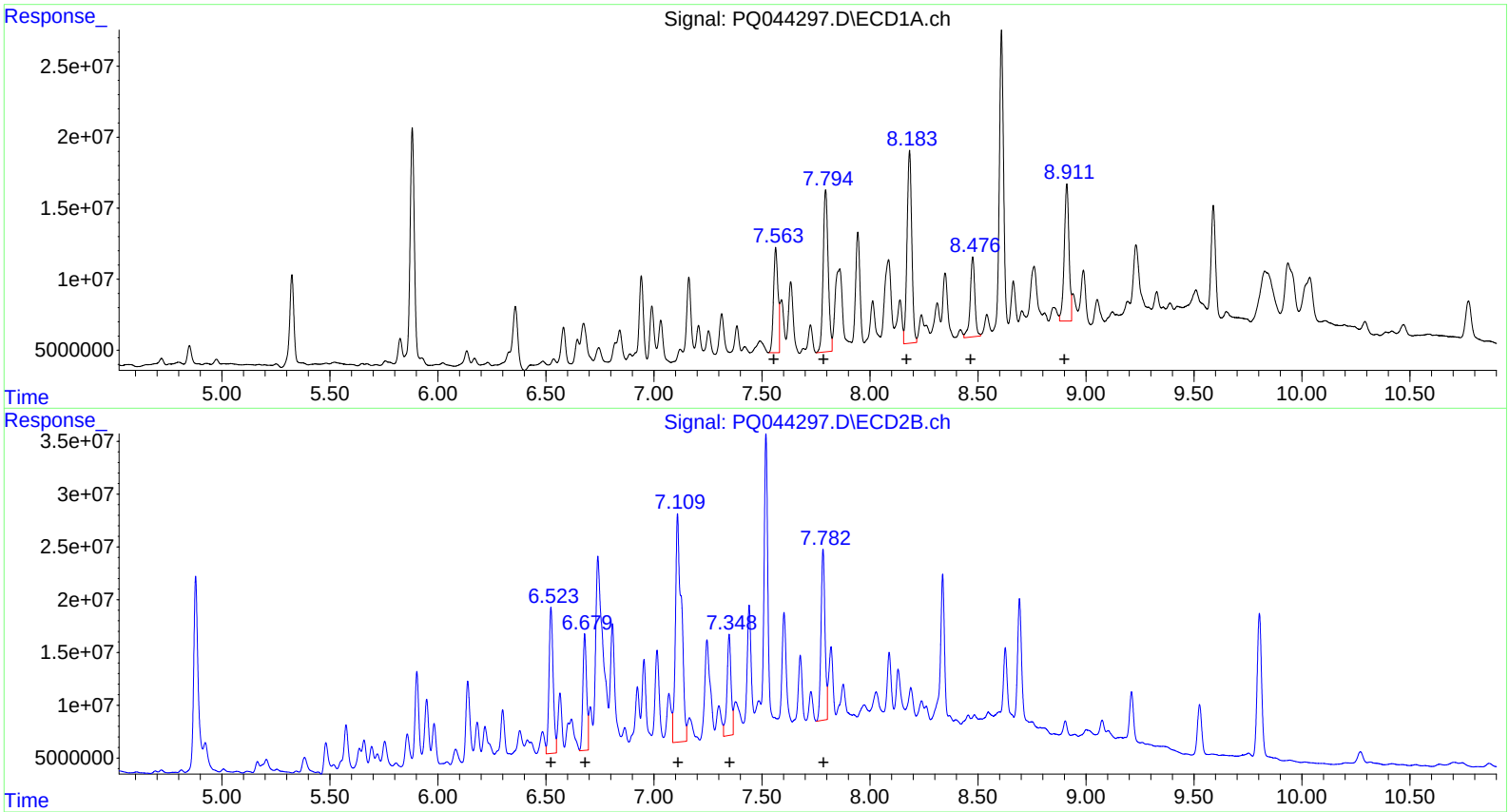

QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
7.56	105979272	787.61
7.79	184371519	863.06
8.18	206233616	838.18
8.48	83941850	418.54
8.91	147784251	617.45

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

R.T.	Response	Conc
6.52	182322051	625.10
6.68	132886785	508.95
7.11	411766193	942.46
7.35	124869950	464.85
7.78	207631501	519.26

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.324	4.355	94841082	103.8E6	24.395	23.260
2)	SA Decachlor...	11.614	9.803	175.8E6	193.0E6	32.819m	32.271m
	Target Compounds						
21)	L5 AR-1248-1	6.646	5.637	20767471	20760913	283.025	229.270
22)	L5 AR-1248-2	6.942	5.903	92095057	114.3E6	929.689	824.525
23)	L5 AR-1248-3	7.161	5.948	69082786	86784824	639.664m	613.644
24)	L5 AR-1248-4	7.590	6.137	50531389	100.2E6	401.356m	583.155m#
25)	L5 AR-1248-5	7.633	6.565	78319800	63646320	646.853	380.161m#
26)	L6 AR-1254-1	7.563	6.523	106.0E6	182.3E6	787.613m	625.105
27)	L6 AR-1254-2	7.795	6.680	184.4E6	132.9E6	863.060	508.953 #
28)	L6 AR-1254-3	8.183	7.109	206.2E6	411.8E6	838.185	942.457
29)	L6 AR-1254-4	8.476	7.348	83941850	124.9E6	418.539	464.848
30)	L6 AR-1254-5	8.911	7.783	147.8E6	207.6E6	617.454m	519.256

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

AJ
10/15/19

Instrument :
ECD_Q
ClientSampleId :
BFB72

Manual Integrations APPROVED
Ankita
10/14/2019 3:06:36 PM