Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041019\
Data File : PQ039026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2019 21:00
Operator : AJ\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 04:33:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 05 05:12:40 2019
Response via : Initial Calibration
Integrator: ChemStation

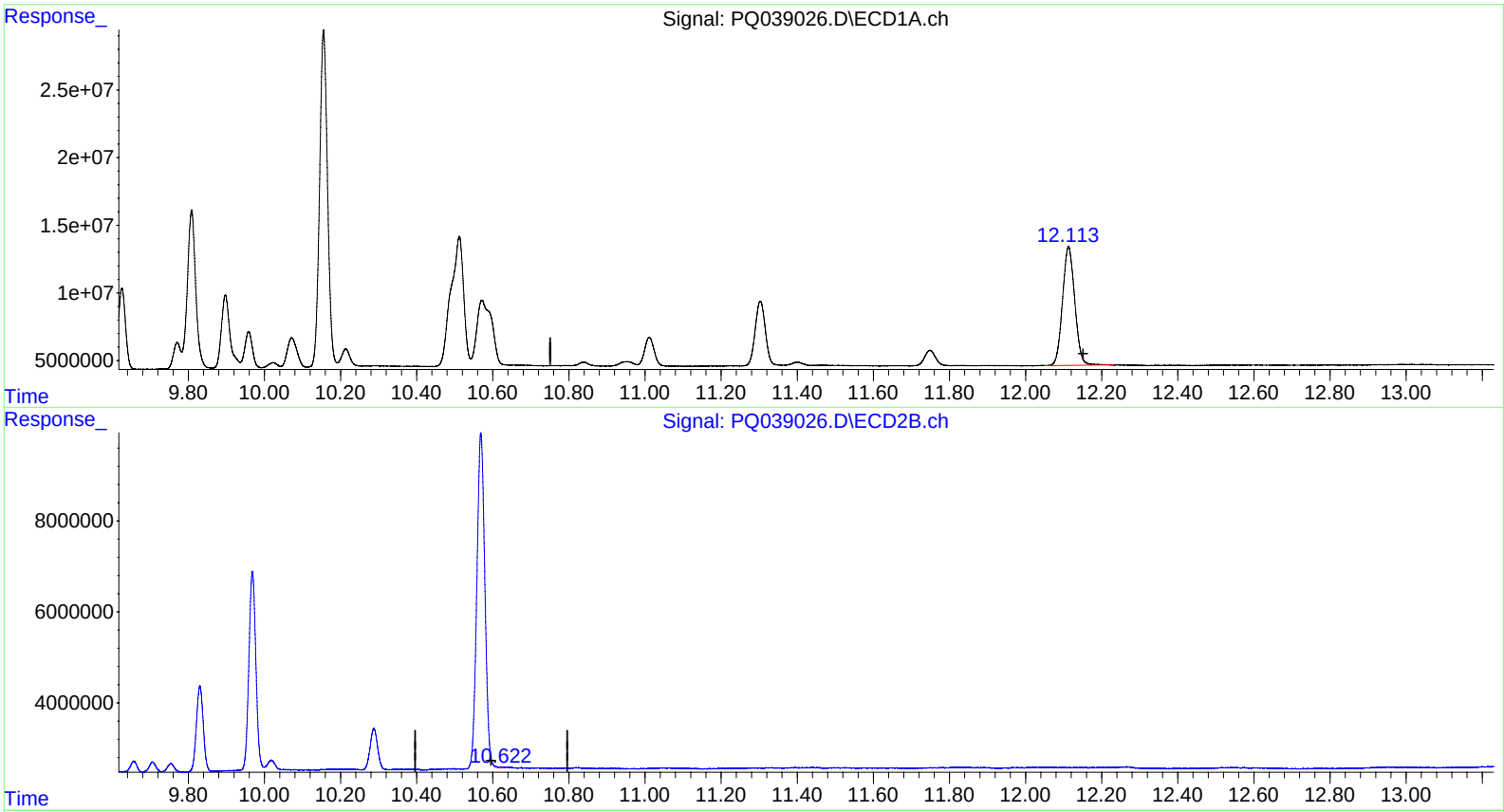
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_Q
LabSampleId :
AR1660322

Manual Integrations APPROVED

mohammad

4/11/2019 3:58:32 PM



QEdit

(2) Decachlorobiphenyl (SA)

12.113min 29.629 ng/ml

response 195978773

(2) Decachlorobiphenyl #2 (SA)

10.622min 0.028 ng/ml

response 94818

(+) = Expected Retention Time

Quantitation Report (Qedit)

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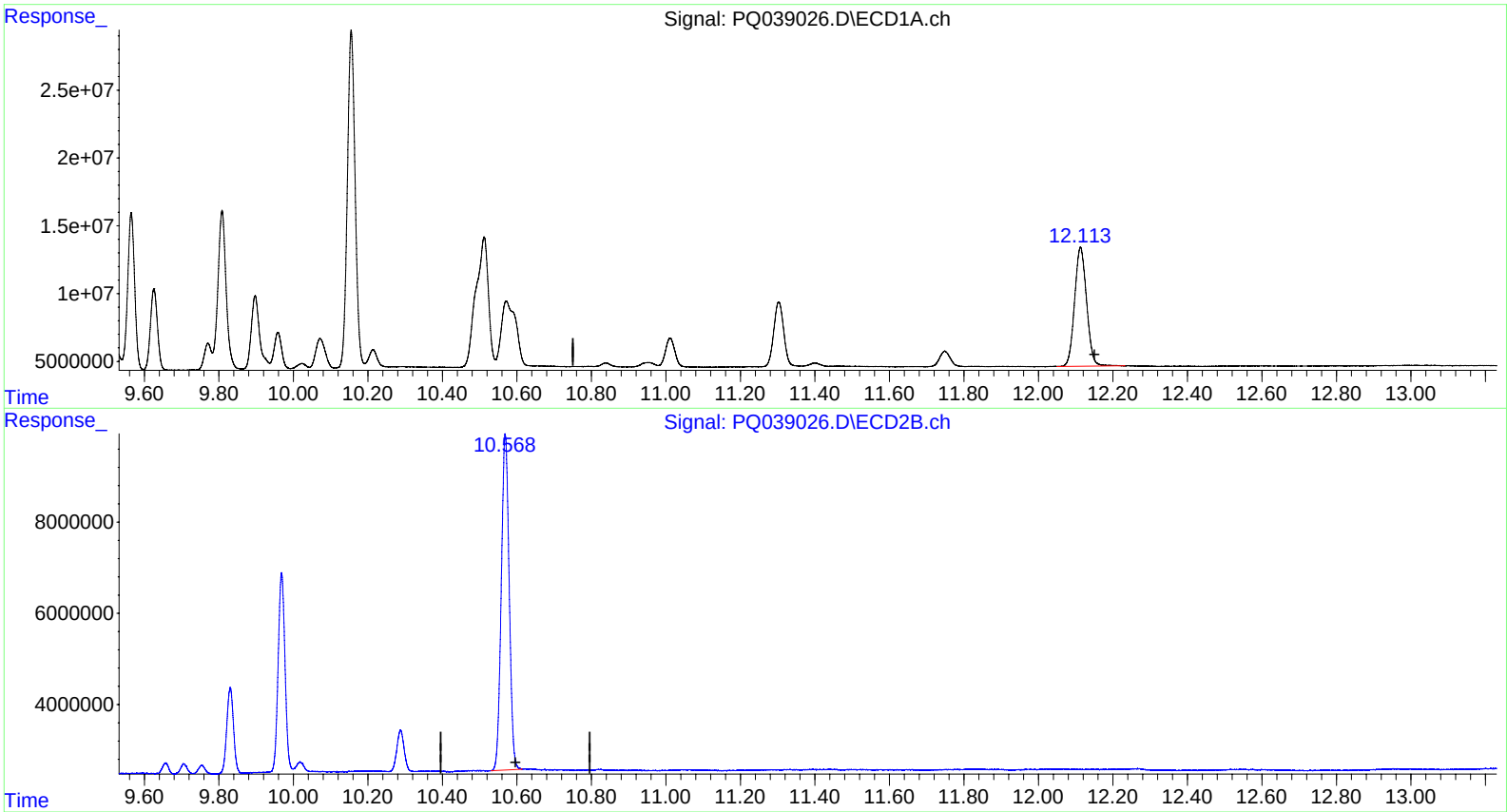
Instrument :
ECD_Q
LabSampleId :
AR1660322

Manual Integrations APPROVED

mohammad

4/11/2019 3:58:32 PM



QEdit

(2) Decachlorobiphenyl (SA)

12.113min 29.629 ng/ml

response 195978773

(2) Decachlorobiphenyl #2 (SA)

10.568min 31.759 ng/ml m

response 108080364

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Manual Integrations APPROVED

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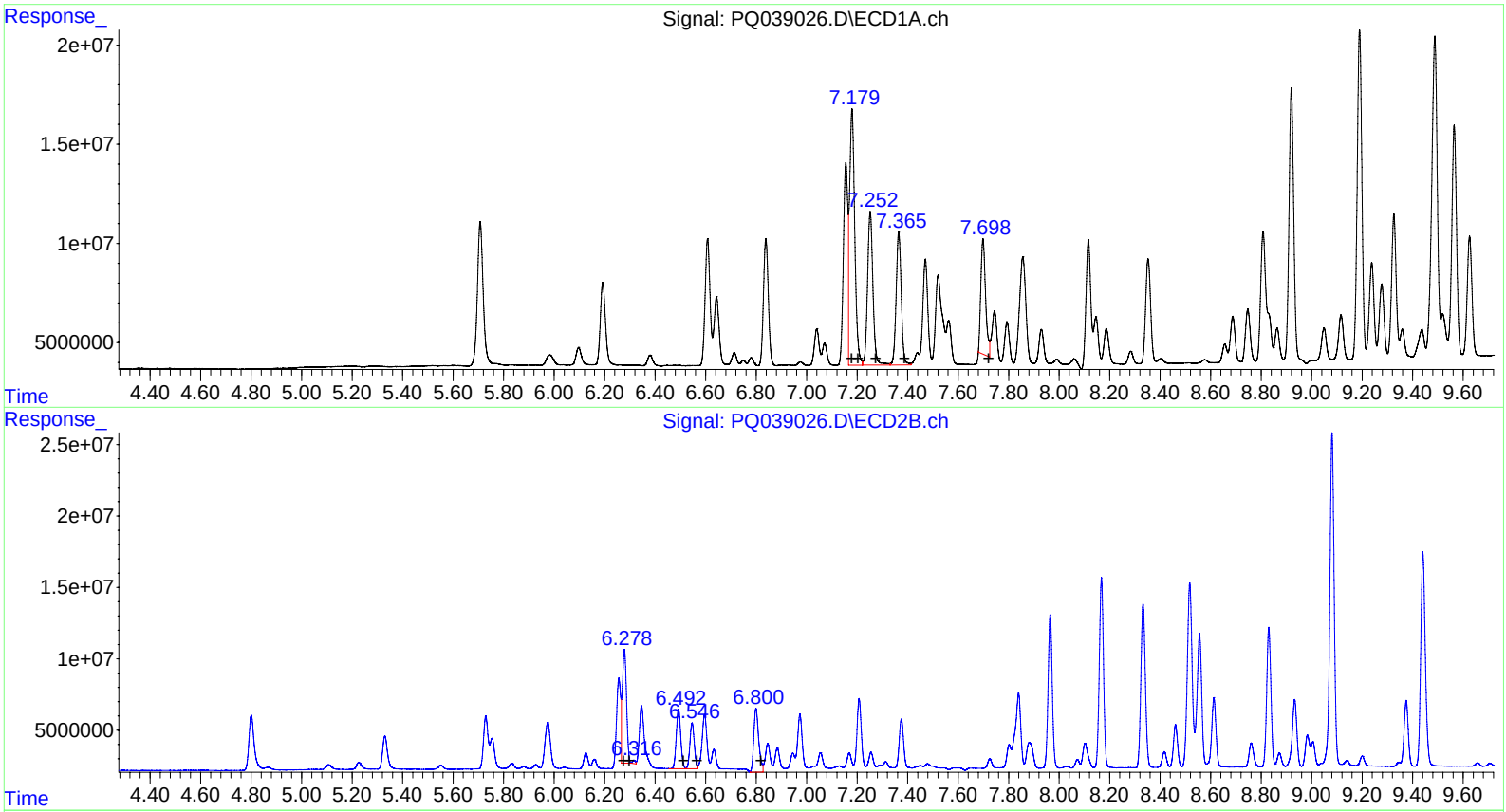
4/11/2019 3:58:32 PM



QEdit

(3) AR-1016-1 (L1)

R.T.	Response	Conc
7.18	186459244	689.52
7.18	186459244	460.81
7.25	114913765	449.00
7.36	93868991	449.24
7.70	76345198	354.62

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
6.28	90449316	606.71
6.32	1871148	8.63
6.49	51741289	458.81
6.55	38723082	448.00
6.80	60662046	469.81

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Data File : PQ039026.D
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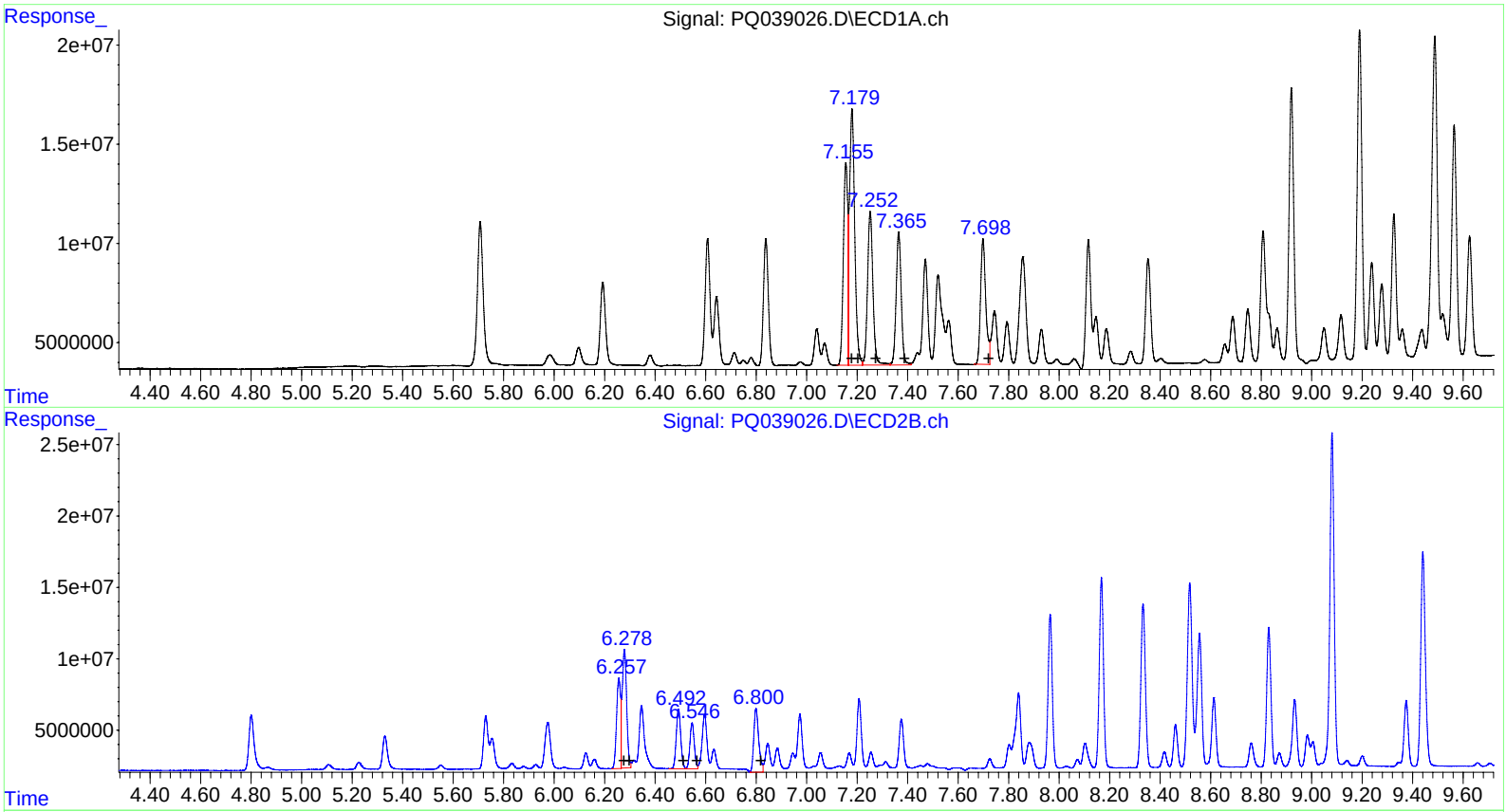
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_Q
LabSampleId :
AR1660322

Manual Integrations APPROVED

mohammad

4/11/2019 3:58:32 PM



QEdit

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
7.15	120406925	445.26
7.18	186459244	460.81
7.25	114913765	449.00
7.36	93868991	449.24
7.70	91326119	424.21

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
6.26	69678152	467.38
6.28	101483406	467.92
6.49	51741289	458.81
6.55	38723082	448.00
6.80	60662046	469.81

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Instrument :
ECD_Q
LabSampleId :
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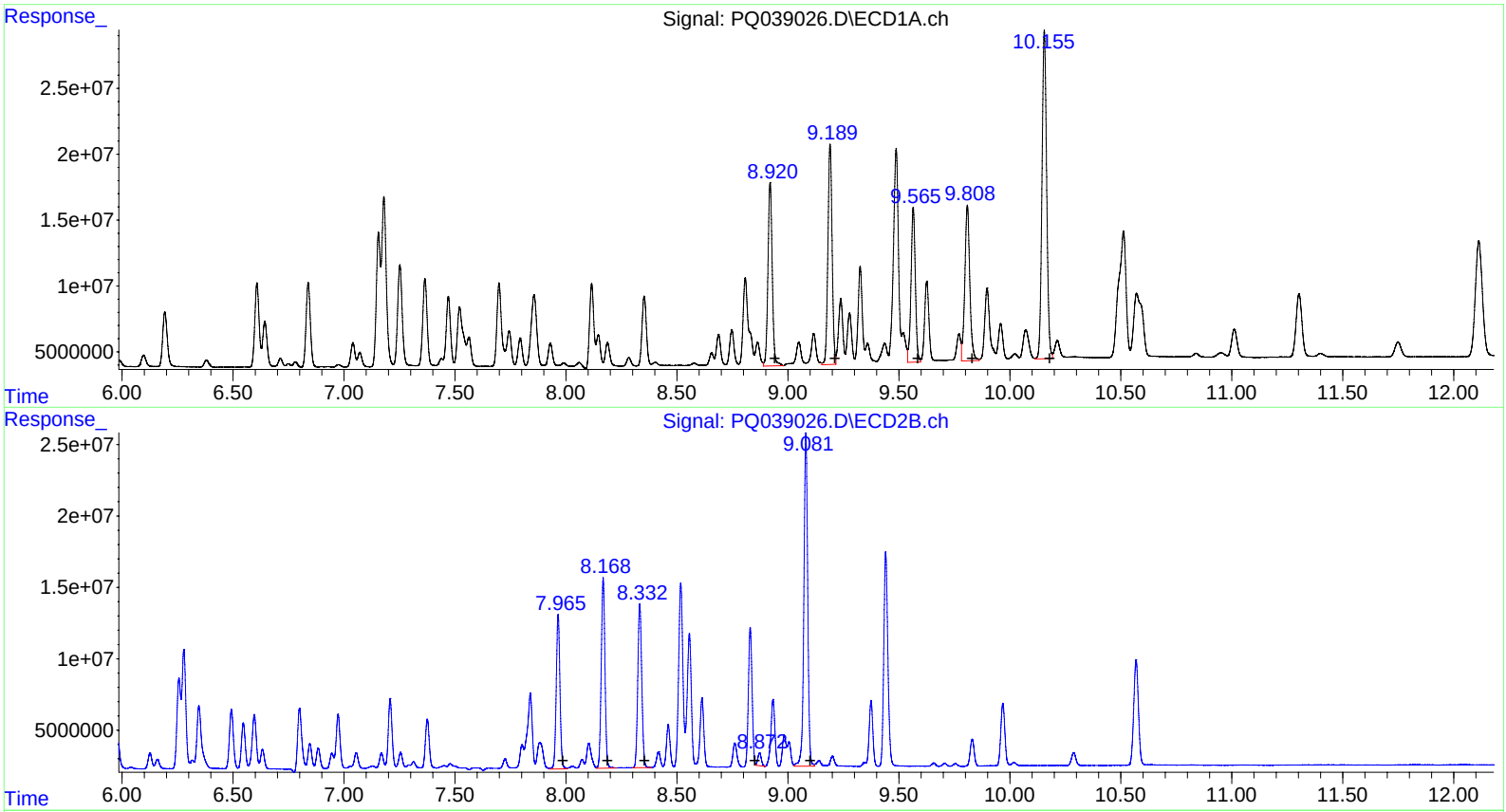
Manual Integrations APPROVED

mohammad

4/11/2019 3:58:32 PM



QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.92	187347221	391.66
9.19	220022291	387.36
9.56	158402641	363.58
9.81	183750606	358.03
10.16	364190510	350.78

(31) AR-1260-1 #2 (L7)

R.T.	Response	Conc
7.96	126769221	418.47
8.17	154411815	416.84
8.33	143033792	408.01
8.87	9659974	33.45
9.08	280694011	395.77

(+) = Expected Retention Time

Quantitation Report (Qedit)

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

Instrument :
ECD_Q
LabSampleId :
AR1660322

Manual Integrations APPROVED

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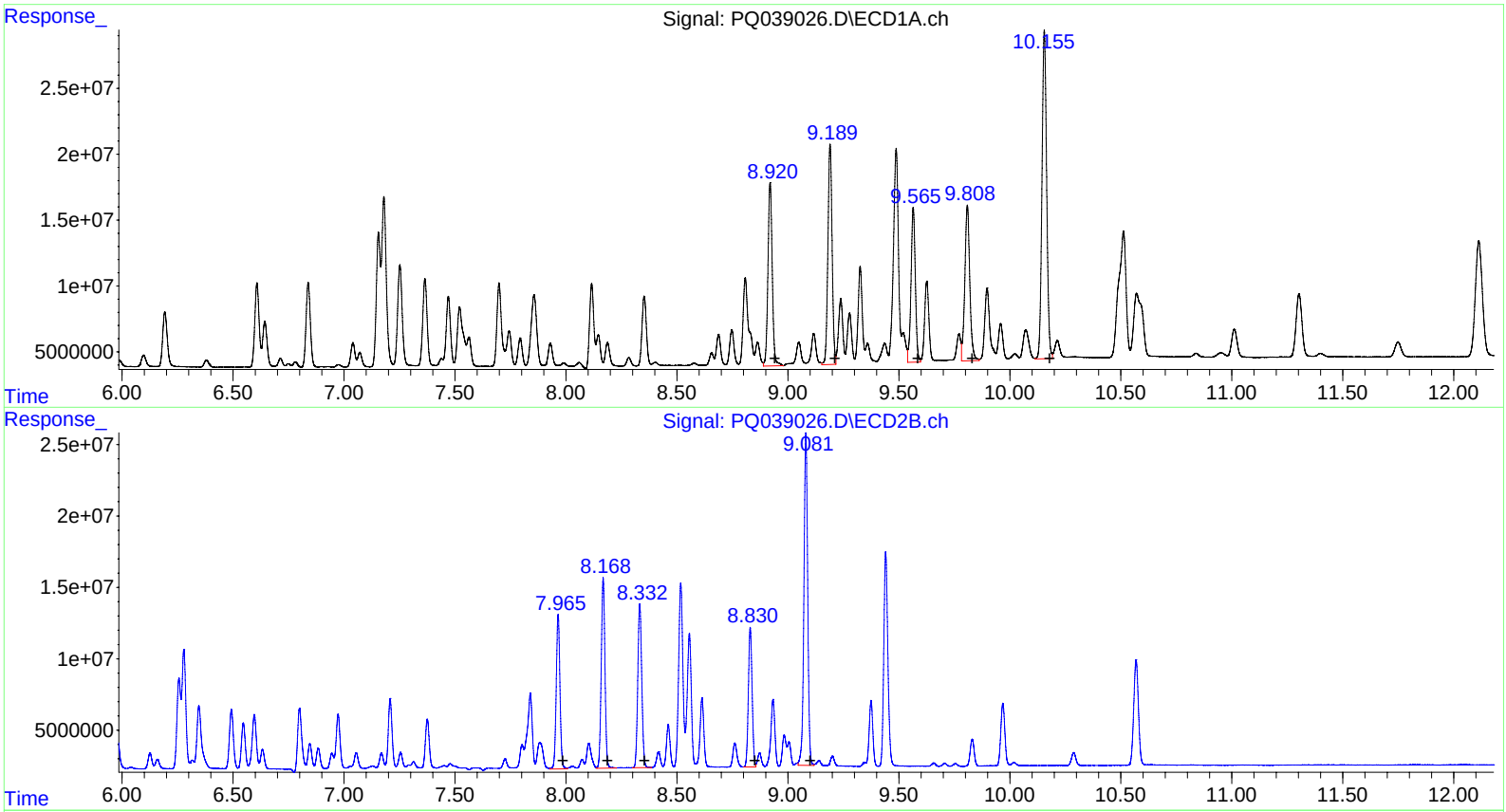
4/11/2019 3:58:32 PM



QEdit

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9.56	158402641	363.58
9.81	183750606	358.03
10.16	364190510	350.78

(31) AR-1260-1 #2 (L7)

R.T.	Response	Conc
7.96	126769221	418.47
8.17	154411815	416.84
8.33	143033792	408.01
8.83	114801979	397.55
9.08	275911687	389.03

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041019\
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	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.707	4.801	114.0E6	53478572	23.787	23.475
2)	SA Decachlor...	12.113	10.568	196.0E6	108.1E6	29.629	31.759m
	Target Compounds						
3)	L1 AR-1016-1	7.155	6.257	120.4E6	69678152	445.260m	467.383m
4)	L1 AR-1016-2	7.180	6.278	186.5E6	101.5E6	460.812	467.921m
5)	L1 AR-1016-3	7.252	6.493	114.9E6	51741289	449.004	458.813
6)	L1 AR-1016-4	7.365	6.547	93868991	38723082	449.237	448.002
7)	L1 AR-1016-5	7.698	6.800	91326119	60662046	424.206m	469.814
31)	L7 AR-1260-1	8.920	7.965	187.3E6	126.8E6	391.660	418.474
32)	L7 AR-1260-2	9.190	8.168	220.0E6	154.4E6	387.355	416.844
33)	L7 AR-1260-3	9.565	8.333	158.4E6	143.0E6	363.576	408.014
34)	L7 AR-1260-4	9.809	8.830	183.8E6	114.8E6	358.025	397.553m
35)	L7 AR-1260-5	10.155	9.081	364.2E6	275.9E6	350.776	389.028m

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

Instrument :
ECD_Q
LabSampleId :
AR1660322

Manual Integrations APPROVED

mohammad

4/11/2019 3:58:32 PM

AJ
04/12/19