Quantitation Report (Qedit)

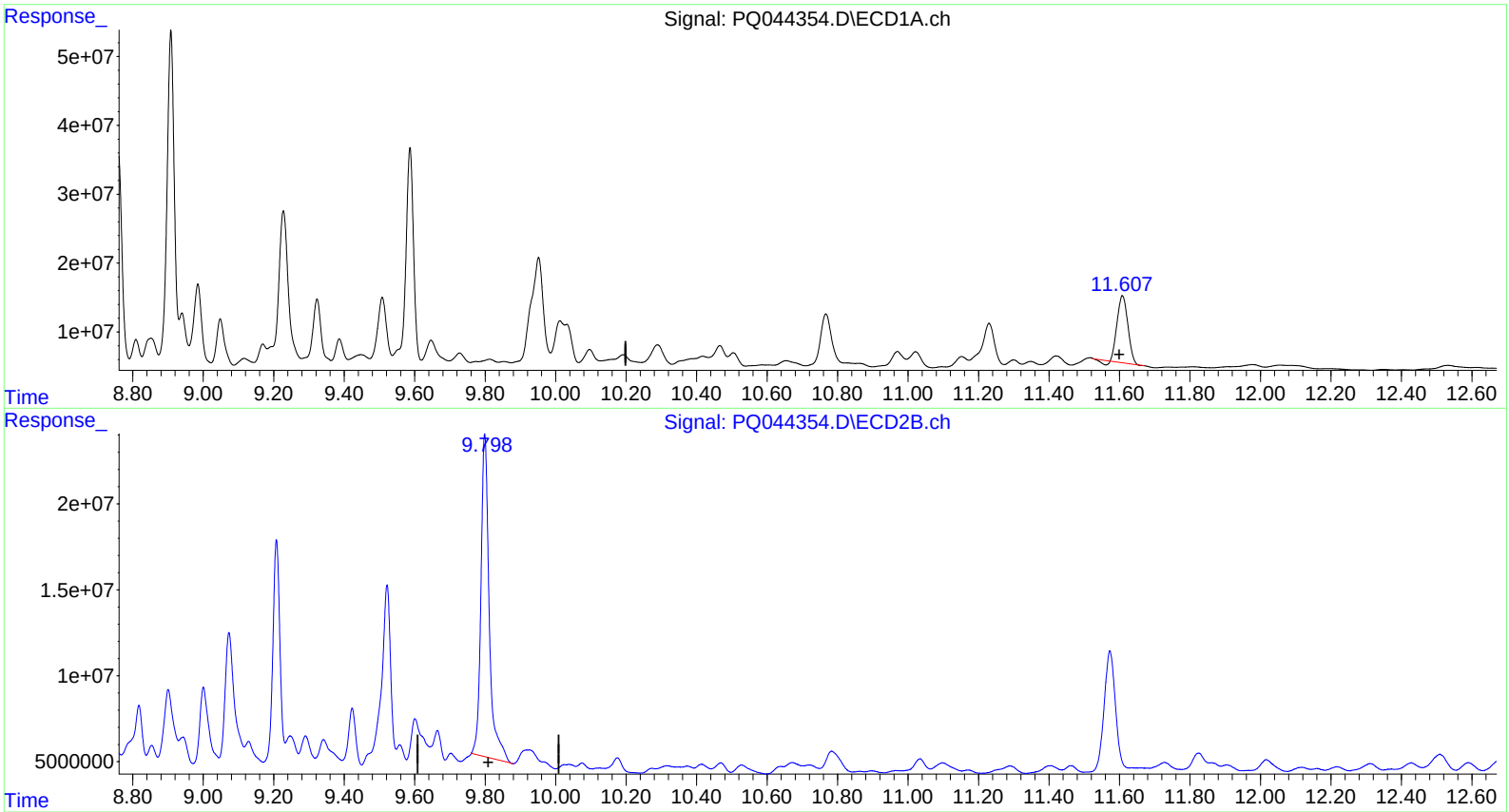
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101419\
Data File : PQ044354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2019 21:12
Operator : HP\AJ
Sample : K5322-09MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ESP16MS

Manual Integrations APPROVED
Ankita
10/15/2019 8:30:28 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:49:26 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)

11.608min 37.381 ng/ml

response 200269946

(2) Decachlorobiphenyl #2 (SA)

9.799min 51.265 ng/ml

response 306635205

(+) = Expected Retention Time

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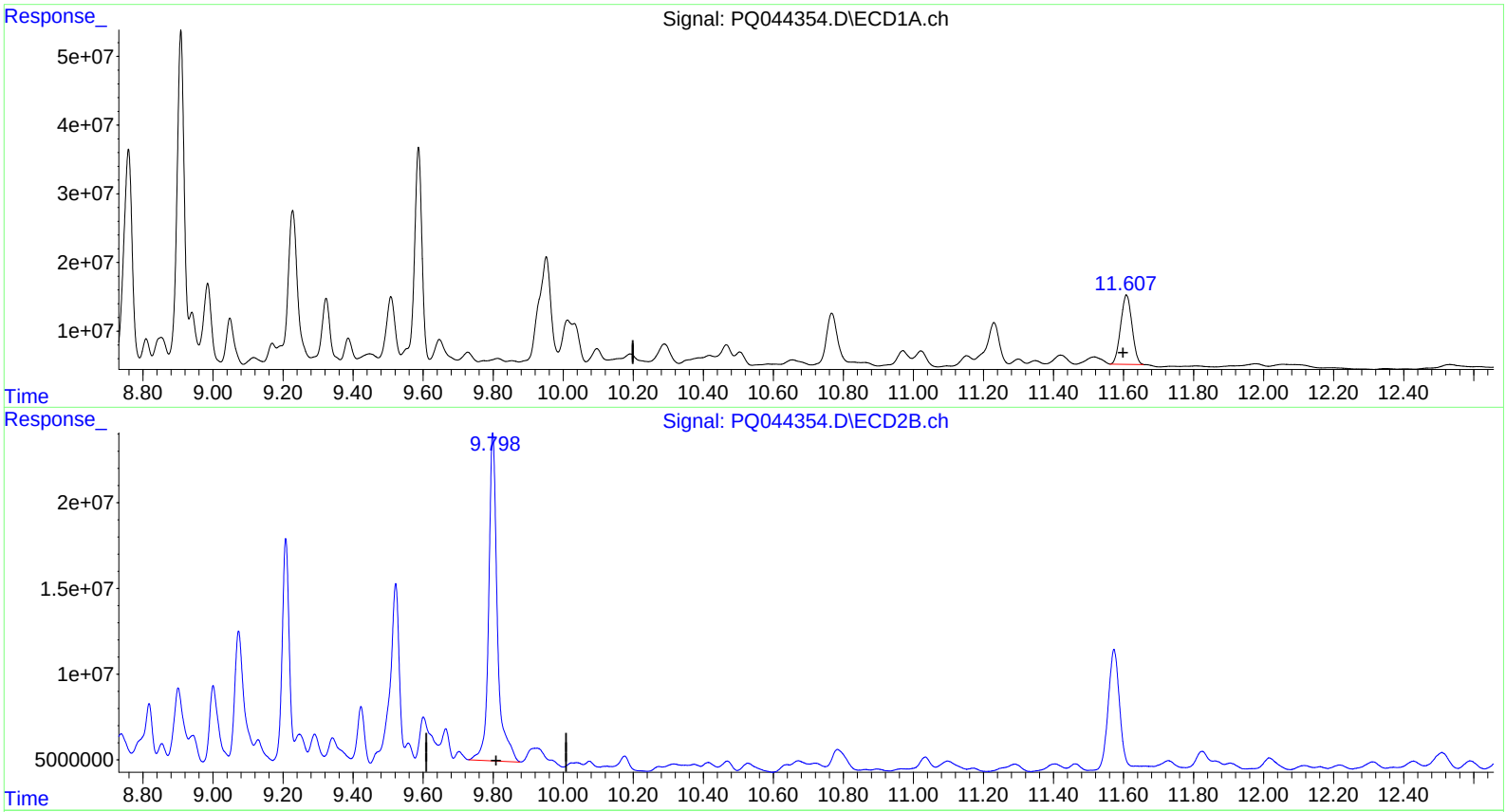

QEdit

(2) Decachlorobiphenyl (SA)
11.607min 42.337 ng/ml m
response 226823947

(2) Decachlorobiphenyl #2 (SA)
9.798min 55.055 ng/ml m
response 329305219

(+) = Expected Retention Time

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Ankita
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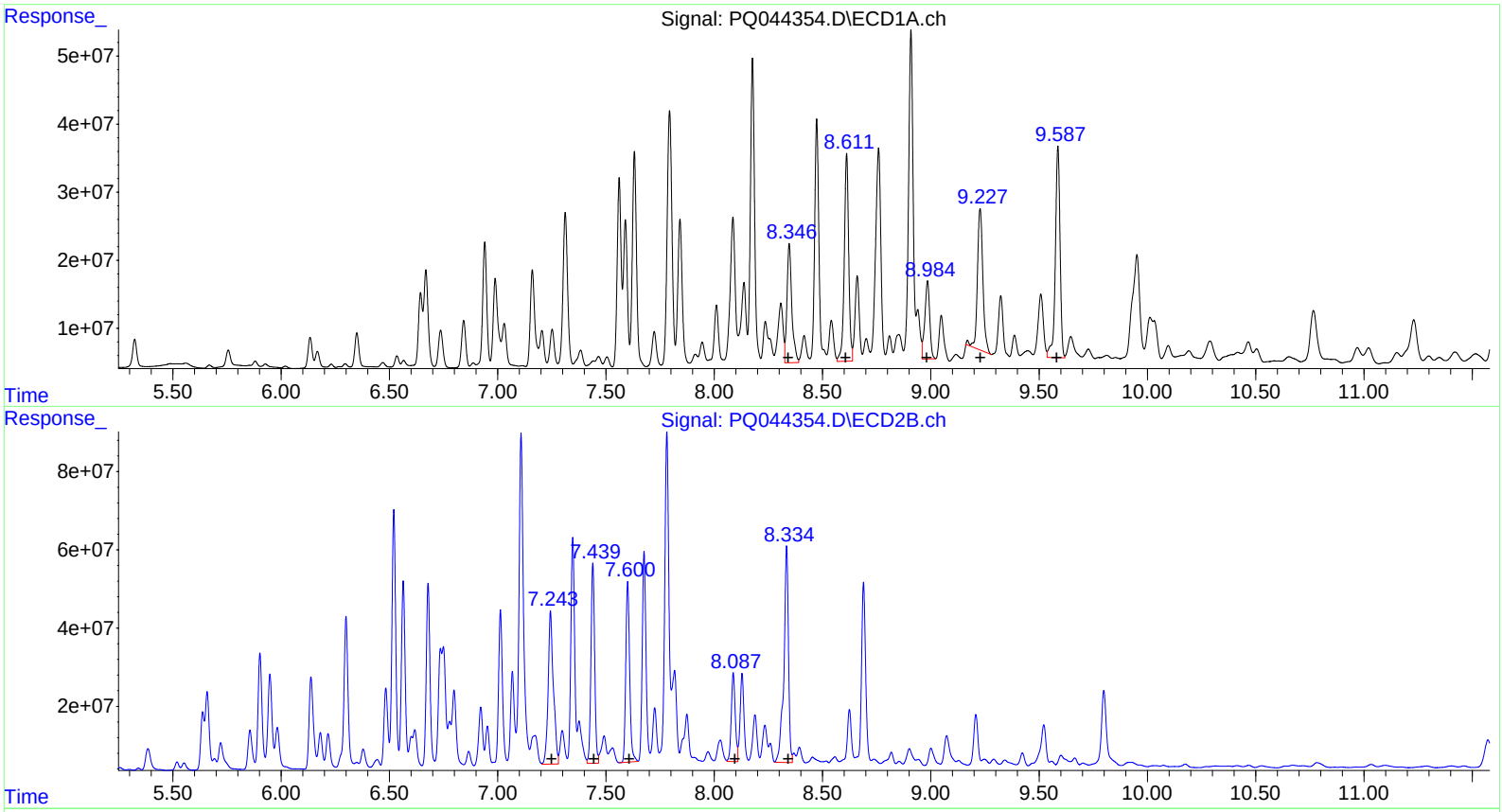

QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.35	271909639	1806.31
8.61	432134639	2195.68
8.98	179732901	1121.00
9.23	363215862	1860.22
9.59	468916323	1025.66

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

R.T.	Response	Conc
7.24	654463714	2691.68
7.44	610985158	2024.10
7.60	575983217	2046.71
8.09	287493874	1142.79
8.33	815680546	1272.65

(+) = Expected Retention Time

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Manual Integrations APPROVED
Ankita
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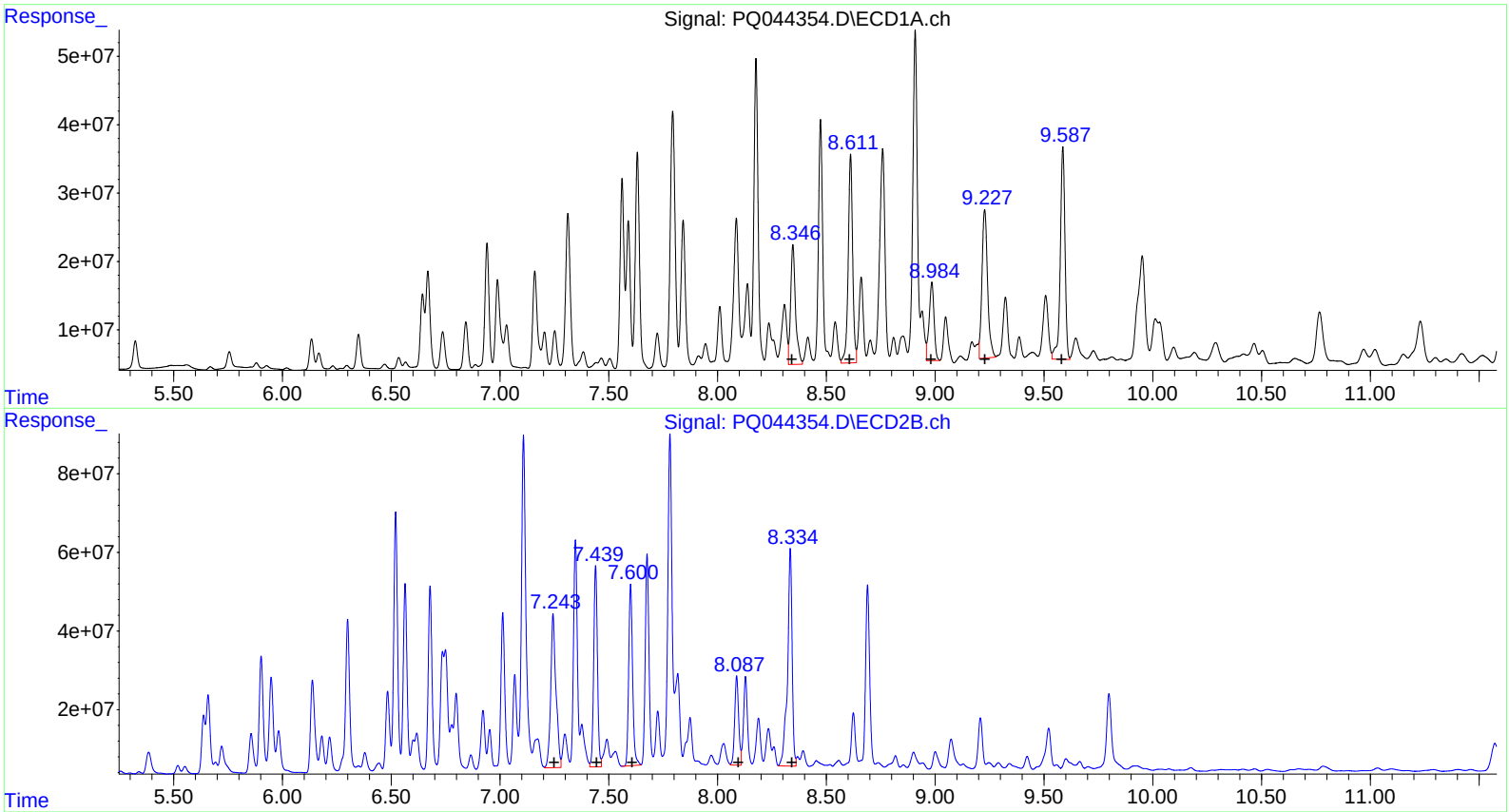

QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.35	271909639	1806.31
8.61	432134639	2195.68
8.98	179732901	1121.00
9.23	387235334	1983.24
9.59	468916323	1025.66

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

R.T.	Response	Conc
7.24	654463714	2691.68
7.44	610985158	2024.10
7.60	575983217	2046.71
8.09	287493874	1142.79
8.33	815680546	1272.65

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.324	4.357	56368087	73098079	14.499	16.376
2)	SA Decachlor...	11.607	9.798	226.8E6	329.3E6	42.337m	55.055m#
	Target Compounds						
3)	L1 AR-1016-1	6.644	5.638	139.8E6	155.9E6	1231.476	1136.796
4)	L1 AR-1016-2	6.668	5.658	202.4E6	258.4E6	1254.617	1166.842
5)	L1 AR-1016-3	6.736	5.856	81394917	134.0E6	799.667	1283.931 #
6)	L1 AR-1016-4	6.843	5.902	94244751	380.7E6	1140.593	4073.892 #
7)	L1 AR-1016-5	7.160	6.138	203.3E6	325.7E6	2688.510	2663.791
21)	L5 AR-1248-1	6.644	5.638	139.8E6	155.9E6	1904.626	1722.076
22)	L5 AR-1248-2	6.940	5.902	245.3E6	380.7E6	2476.229	2746.808
23)	L5 AR-1248-3	7.160	5.948	203.3E6	325.7E6	1882.873	2302.852
24)	L5 AR-1248-4	7.590	6.138	274.9E6	325.7E6	2183.627	1896.356
25)	L5 AR-1248-5	7.631	6.564	426.8E6	580.4E6	3524.911	3466.564
31)	L7 AR-1260-1	8.346	7.244	271.9E6	654.5E6	1806.307	2691.684 #
32)	L7 AR-1260-2	8.611	7.439	432.1E6	611.0E6	2195.684	2024.100
33)	L7 AR-1260-3	8.985	7.600	179.7E6	576.0E6	1121.002	2046.707 #
34)	L7 AR-1260-4	9.227	8.088	387.2E6	287.5E6	1983.237m	1142.794 #
35)	L7 AR-1260-5	9.587	8.334	468.9E6	815.7E6	1025.661	1272.655

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

AJ 10/22/19

Instrument :
ECD_Q
ClientSampleId :
ESP16MS

Manual Integrations APPROVED
Ankita
10/15/2019 8:30:28 AM