Quantitation Report (Qedit)

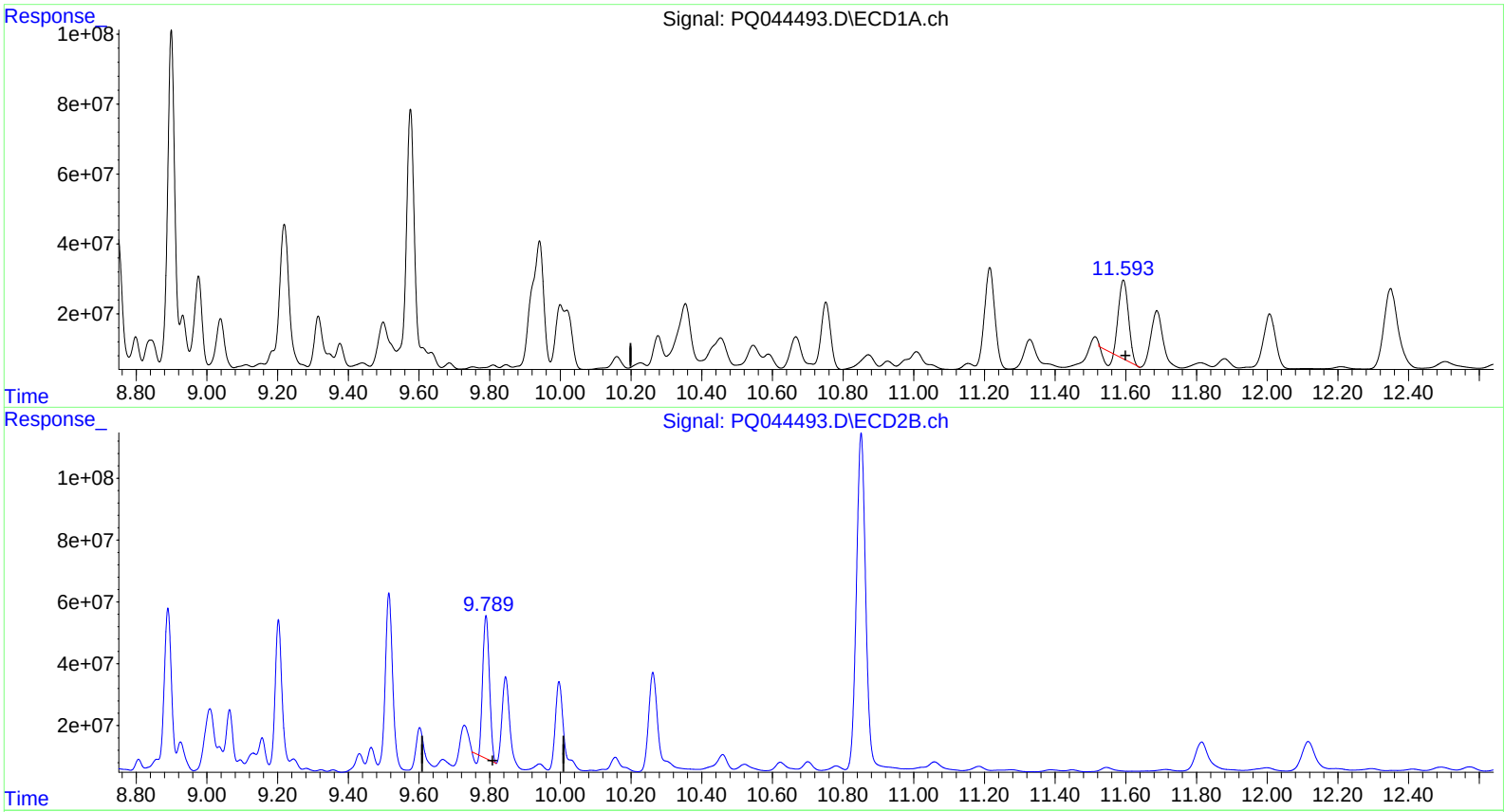
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101819\
Data File : PQ044493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2019 15:09
Operator : HP\AJ
Sample : K5236-07DL 4X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BEPL8DL

Manual Integrations APPROVED
Ankita
10/21/2019 5:00:23 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 00:12:03 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)

11.593min 71.744 ng/ml

response 384367856

(2) Decachlorobiphenyl #2 (SA)

9.790min 98.003 ng/ml

response 586191943

(+) = Expected Retention Time

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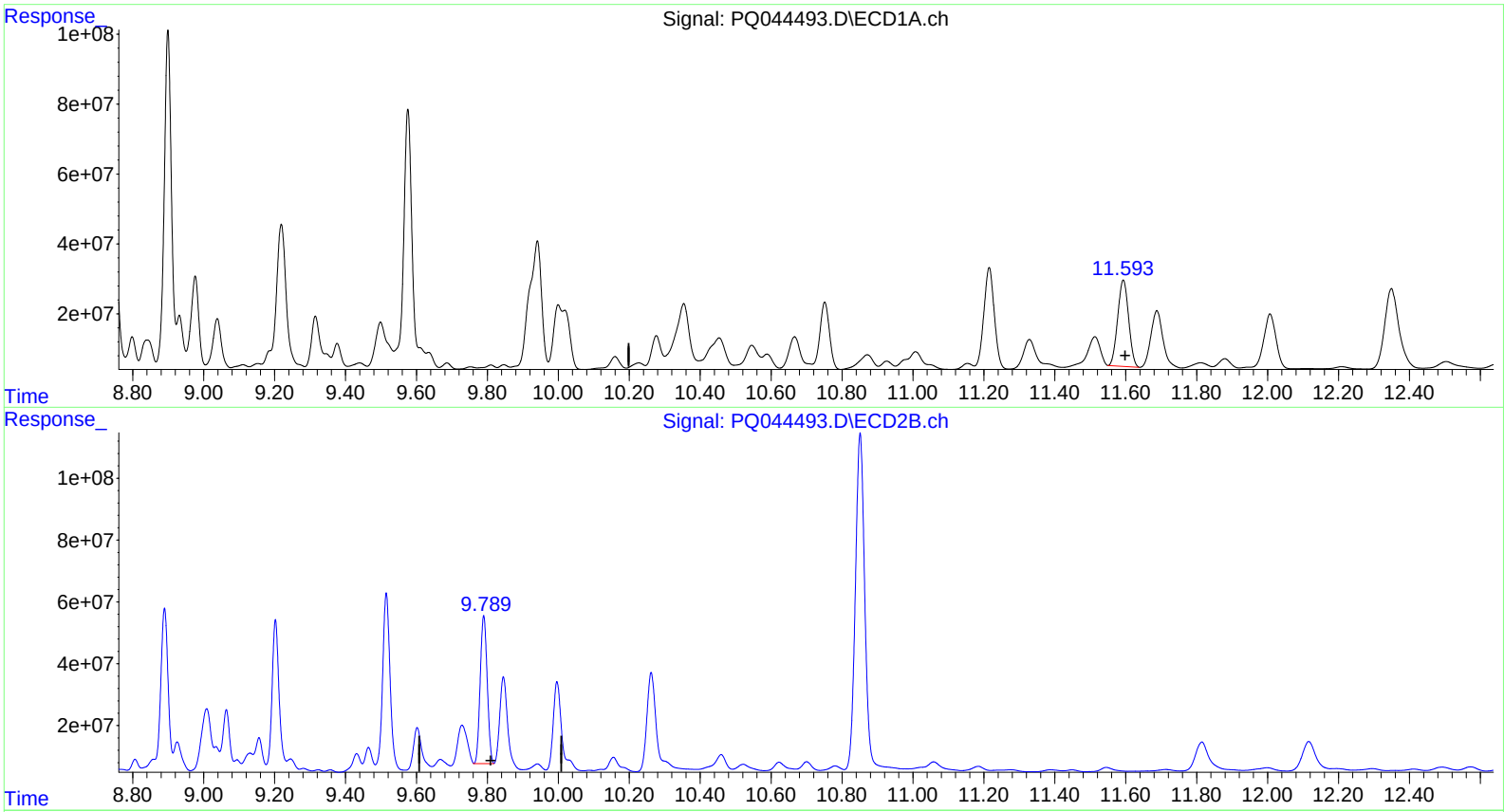

QEdit

(2) Decachlorobiphenyl (SA)
11.593min 98.654 ng/ml m
response 528543231

(2) Decachlorobiphenyl #2 (SA)
9.789min 109.620 ng/ml m
response 655680194

(+) = Expected Retention Time

Quantitation Report (Qedit)

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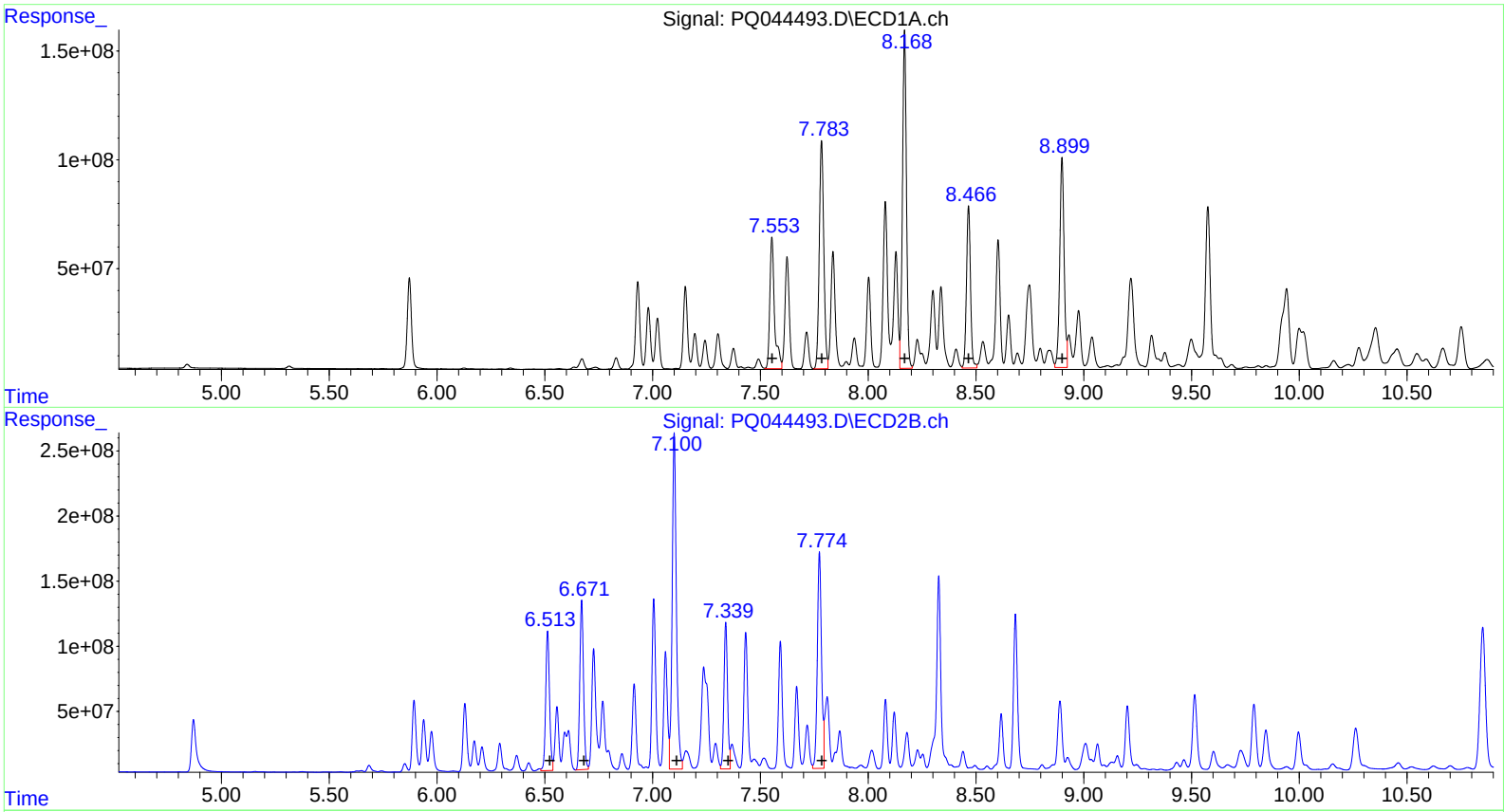

QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
7.55	914379743	6795.45
7.78	1528937468	7157.09
8.17	1976271043	8032.06
8.47	970664150	4839.79
8.90	1361856855	5689.94

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

R.T.	Response	Conc
6.51	1329063669	4556.79
6.67	1558535683	5969.15
7.10	3487832795	7983.01
7.34	1310717507	4879.35
7.77	2225987274	5566.87

(+) = Expected Retention Time

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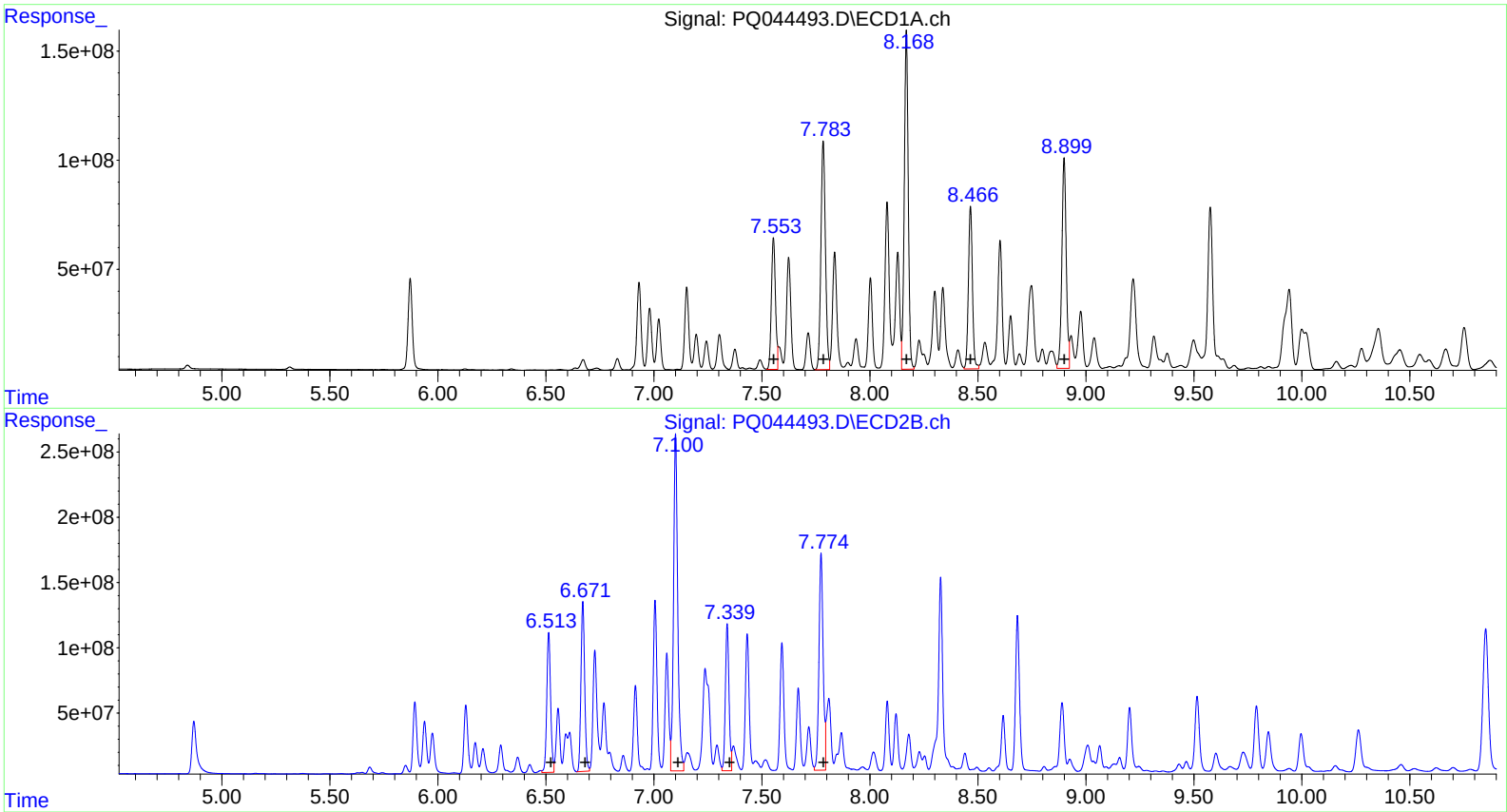

QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
7.55	797165221	5924.34
7.78	1528937468	7157.09
8.17	1976271043	8032.06
8.47	970664150	4839.79
8.90	1361856855	5689.94

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

R.T.	Response	Conc
6.51	1329063669	4556.79
6.67	1558535683	5969.15
7.10	3487832795	7983.01
7.34	1310717507	4879.35
7.77	2225987274	5566.87

(+) = Expected Retention Time

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Manual Integrations APPROVED
Ankita
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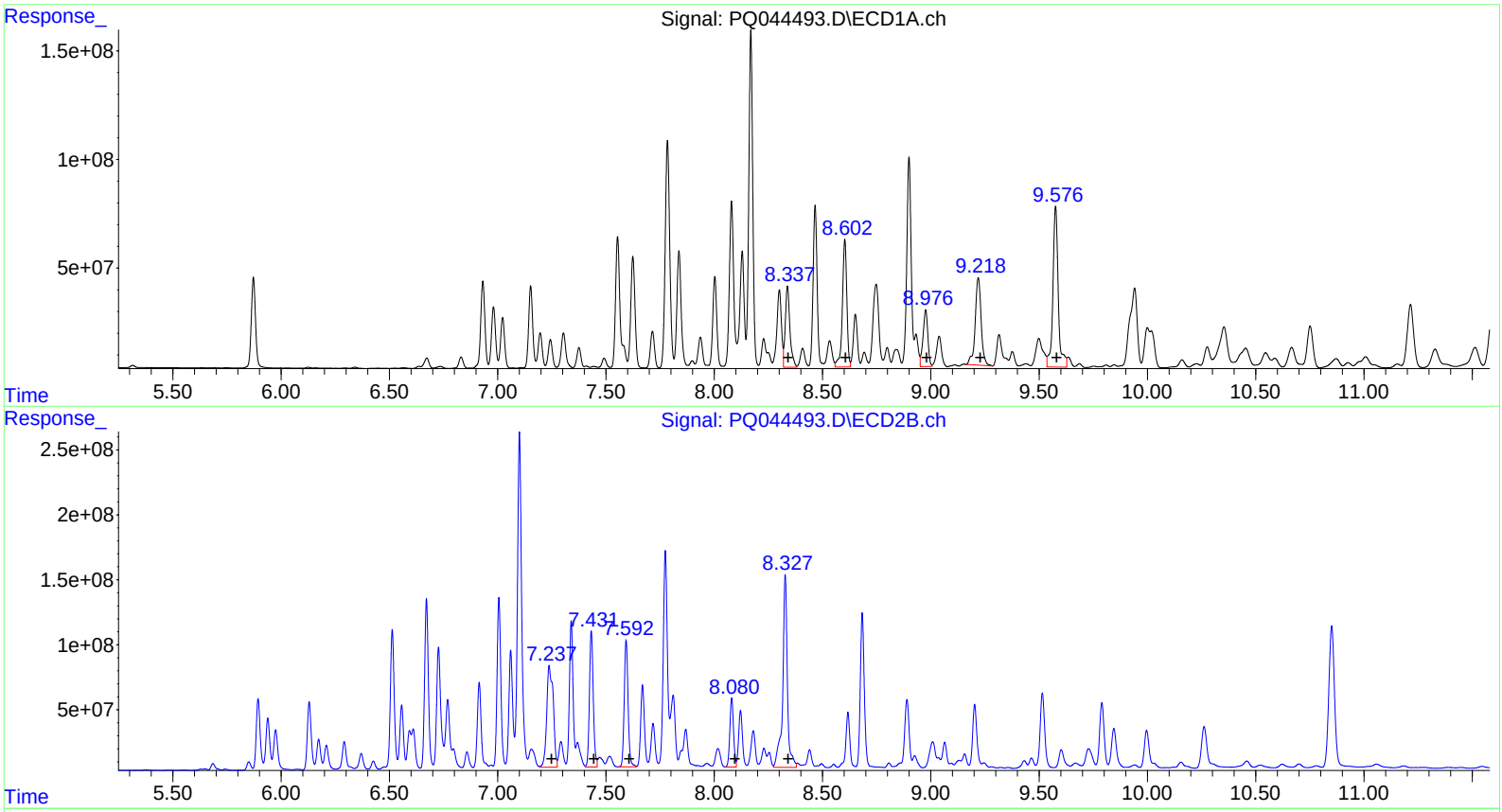

QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.34	557046519	3700.48
8.60	835800294	4246.72
8.98	401435878	2503.77
9.22	773887195	3963.49
9.58	1262436207	2761.33

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

R.T.	Response	Conc
7.24	1618691139	6657.37
7.43	1280872429	4243.33
7.59	1203850909	4277.78
8.08	625726503	2487.28
8.33	2243453057	3500.32

(+) = Expected Retention Time

Quantitation Report (Qedit)

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ECD_Q
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BEPL8DL

Manual Integrations APPROVED
Ankita
10/21/2019 5:00:23 PM

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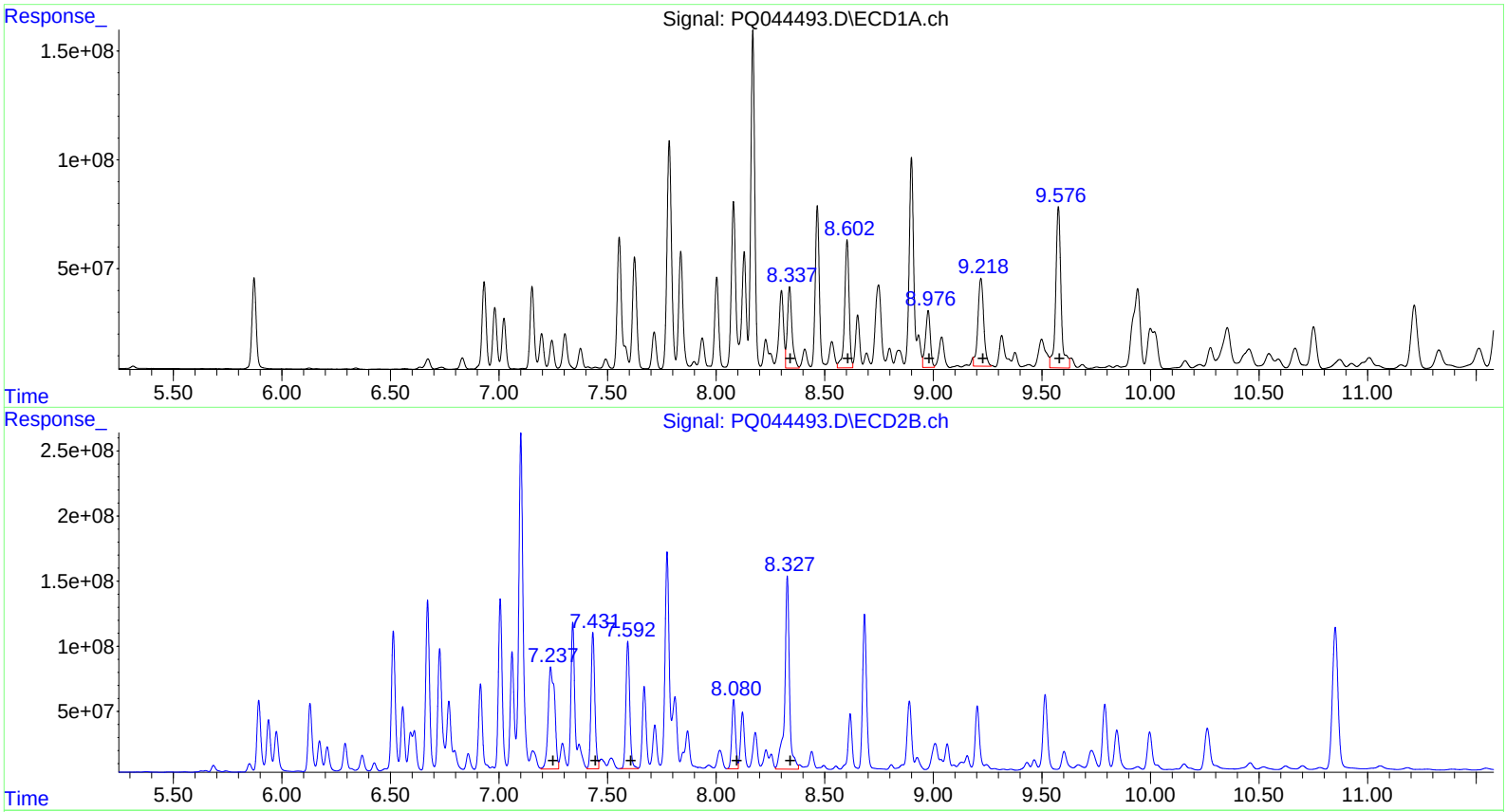

QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.34	557046519	3700.48
8.60	835800294	4246.72
8.98	401435878	2503.77
9.22	750253225	3842.44
9.58	1262436207	2761.33

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

R.T.	Response	Conc
7.24	1618691139	6657.37
7.43	1280872429	4243.33
7.59	1203850909	4277.78
8.08	625726503	2487.28
8.33	2243453057	3500.32

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

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	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	5.314	4.347	14831742	15328288	3.815	3.434	
2)	SA Decachlor...	11.593	9.789	528.5E6	655.7E6	98.654m	109.620m	
	Target Compounds							
26)	L6 AR-1254-1	7.553	6.513	797.2E6	1329.1E6	5924.342m	4556.792	
27)	L6 AR-1254-2	7.784	6.671	1528.9E6	1558.5E6	7157.095	5969.147	
28)	L6 AR-1254-3	8.169	7.100	1976.3E6	3487.8E6	8032.057	7983.010	
29)	L6 AR-1254-4	8.466	7.339	970.7E6	1310.7E6	4839.794	4879.347	
30)	L6 AR-1254-5	8.899	7.774	1361.9E6	2226.0E6	5689.939	5566.873	
31)	L7 AR-1260-1	8.338	7.237	557.0E6	1618.7E6	3700.483	6657.368	#
32)	L7 AR-1260-2	8.603	7.432	835.8E6	1280.9E6	4246.717	4243.334	
33)	L7 AR-1260-3	8.976	7.593	401.4E6	1203.9E6	2503.773	4277.781	#
34)	L7 AR-1260-4	9.218	8.081	750.3E6	625.7E6	3842.444m	2487.275	#
35)	L7 AR-1260-5	9.576	8.328	1262.4E6	2243.5E6	2761.328	3500.318	#

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

Instrument :
ECD_Q
ClientSampleId :
BEPL8DL

Manual Integrations APPROVED
Ankita
10/21/2019 5:00:23 PM

AJ
10/23/19