Quantitation Report (Qedit)

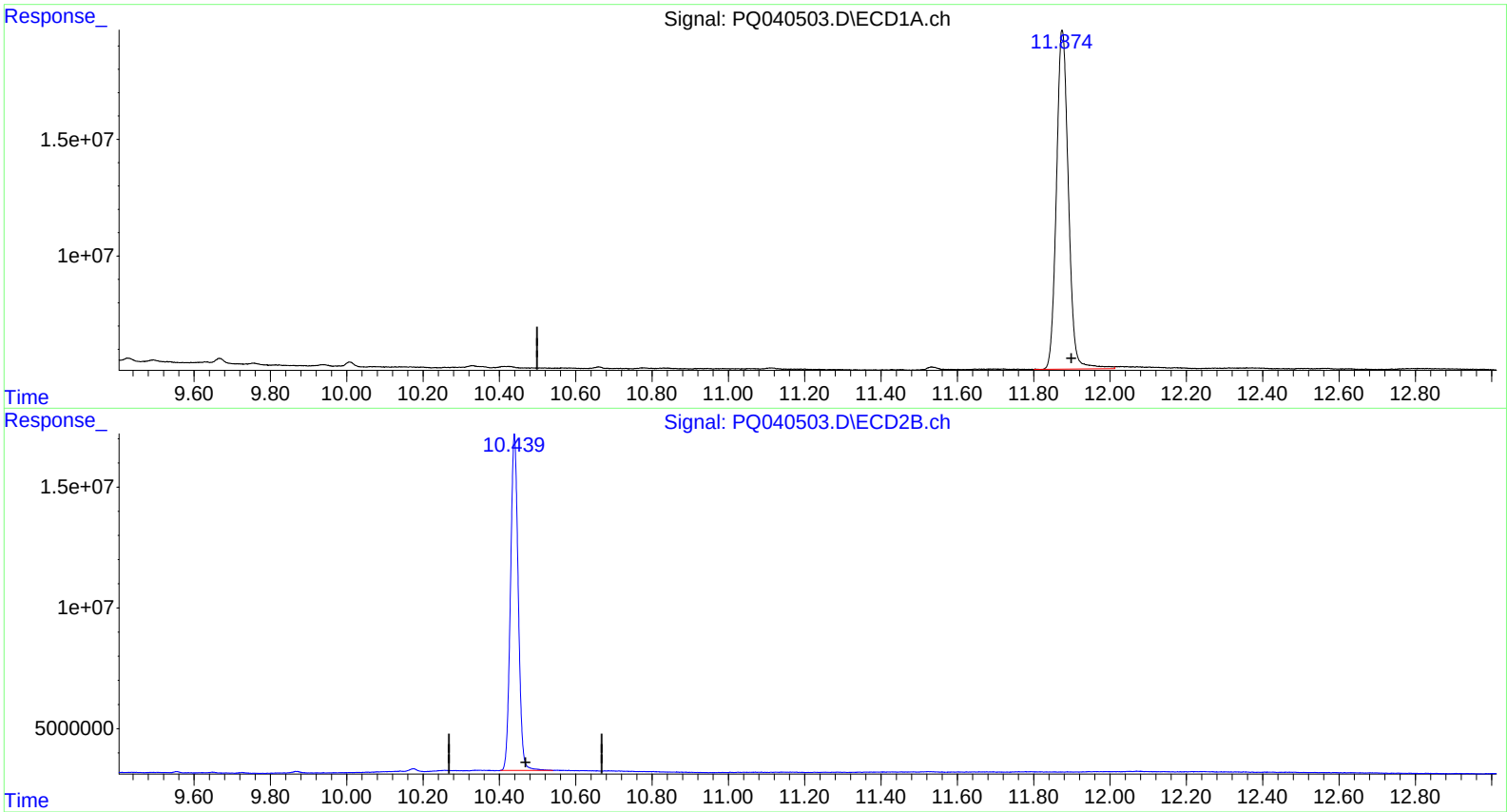
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
Data File : PQ040503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 May 2019 22:16
Operator : SM\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
LabSampleId :
AR1248352

Manual Integrations APPROVED
Ankita
6/3/2019 2:24:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 08:49:58 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 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)
11.875min 44.203 ng/ml
response 315763108

(2) Decachlorobiphenyl #2 (SA)
10.439min 47.332 ng/ml
response 196810911

(+) = Expected Retention Time

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Manual Integrations APPROVED
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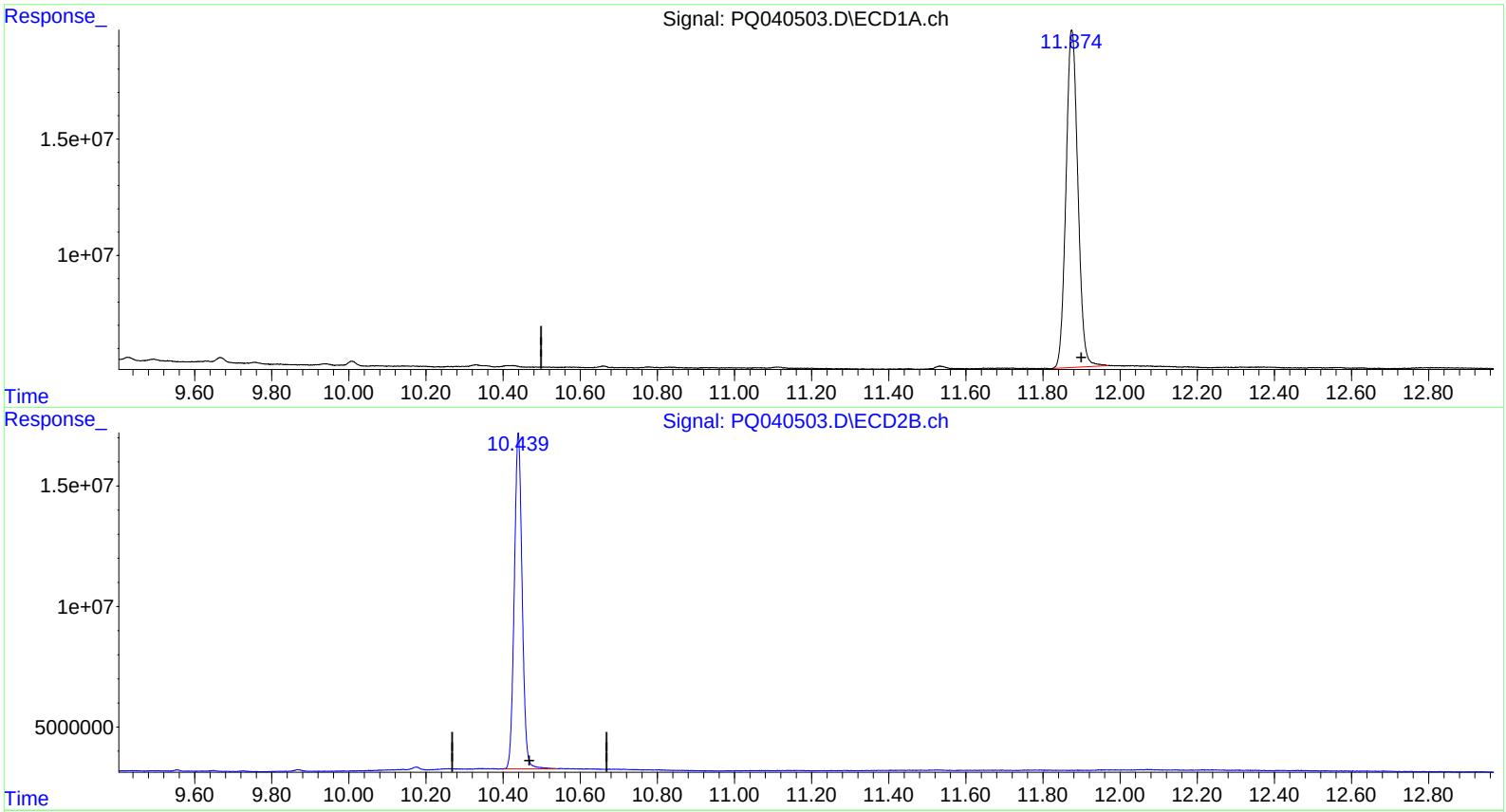

QEdit

(2) Decachlorobiphenyl (SA)

11.874min 43.272 ng/ml m

response 309106124

(2) Decachlorobiphenyl #2 (SA)

10.439min 47.332 ng/ml

response 196810911

(+) = Expected Retention Time

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Manual Integrations APPROVED
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6/3/2019 2:24:32 PM

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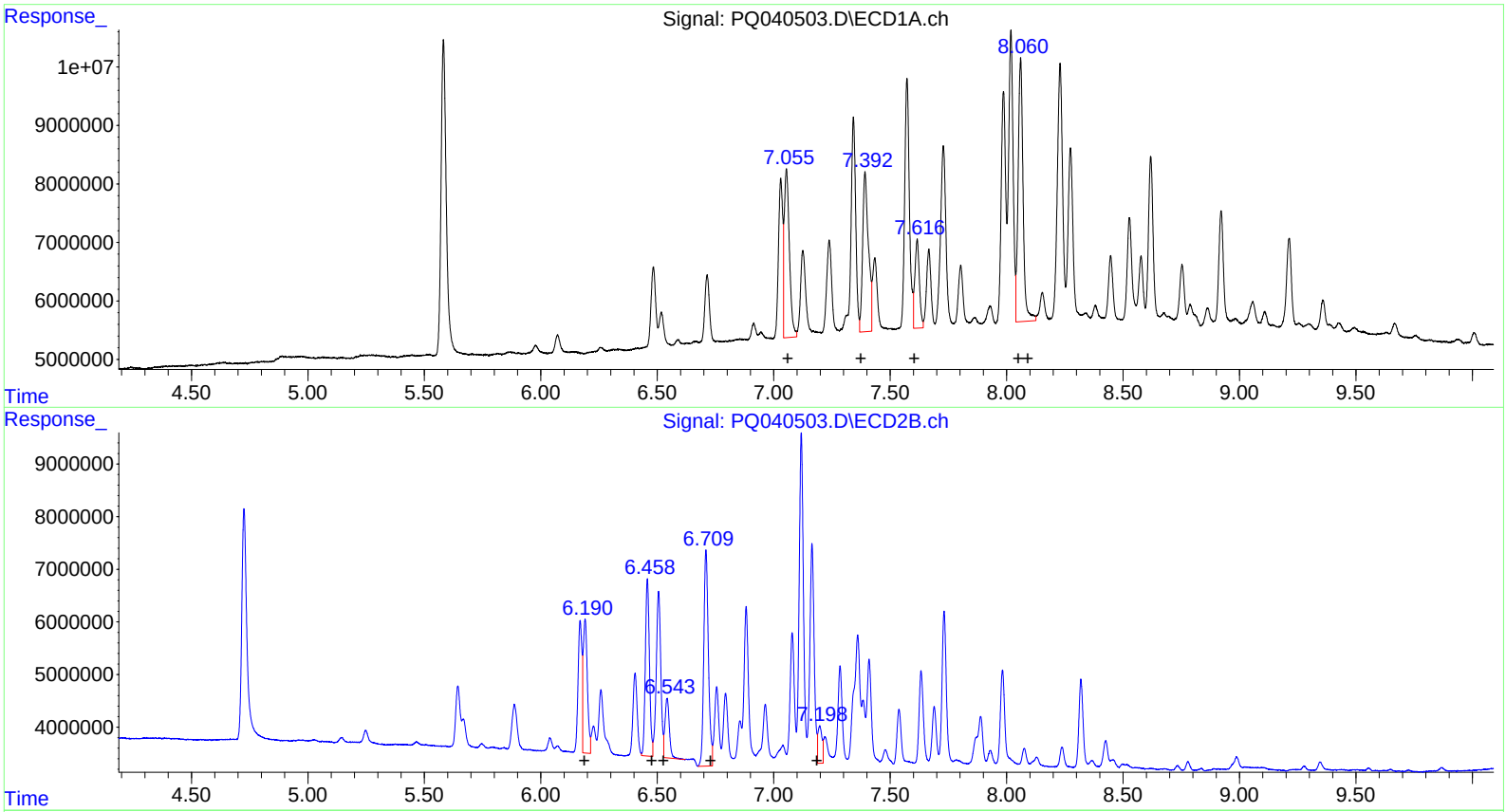

QEdit

(21) AR-1248-1 (L5)

R.T.	Response	Conc
7.05	44716874	577.72
7.39	47196917	419.04
7.62	20374920	147.62
8.06	66480483	440.36
8.06	66480483	441.56

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

R.T.	Response	Conc
6.19	32214958	559.06
6.46	41352326	470.34
6.54	14730710	162.80
6.71	56910135	515.35
7.20	8580846	75.58

(+) = Expected Retention Time

Quantitation Report (Qedit)

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ALS Vial : 5 Sample Multiplier: 1

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ECD_Q
LabSampleId :
AR1248352

Manual Integrations APPROVED
Ankita
6/3/2019 2:24:32 PM

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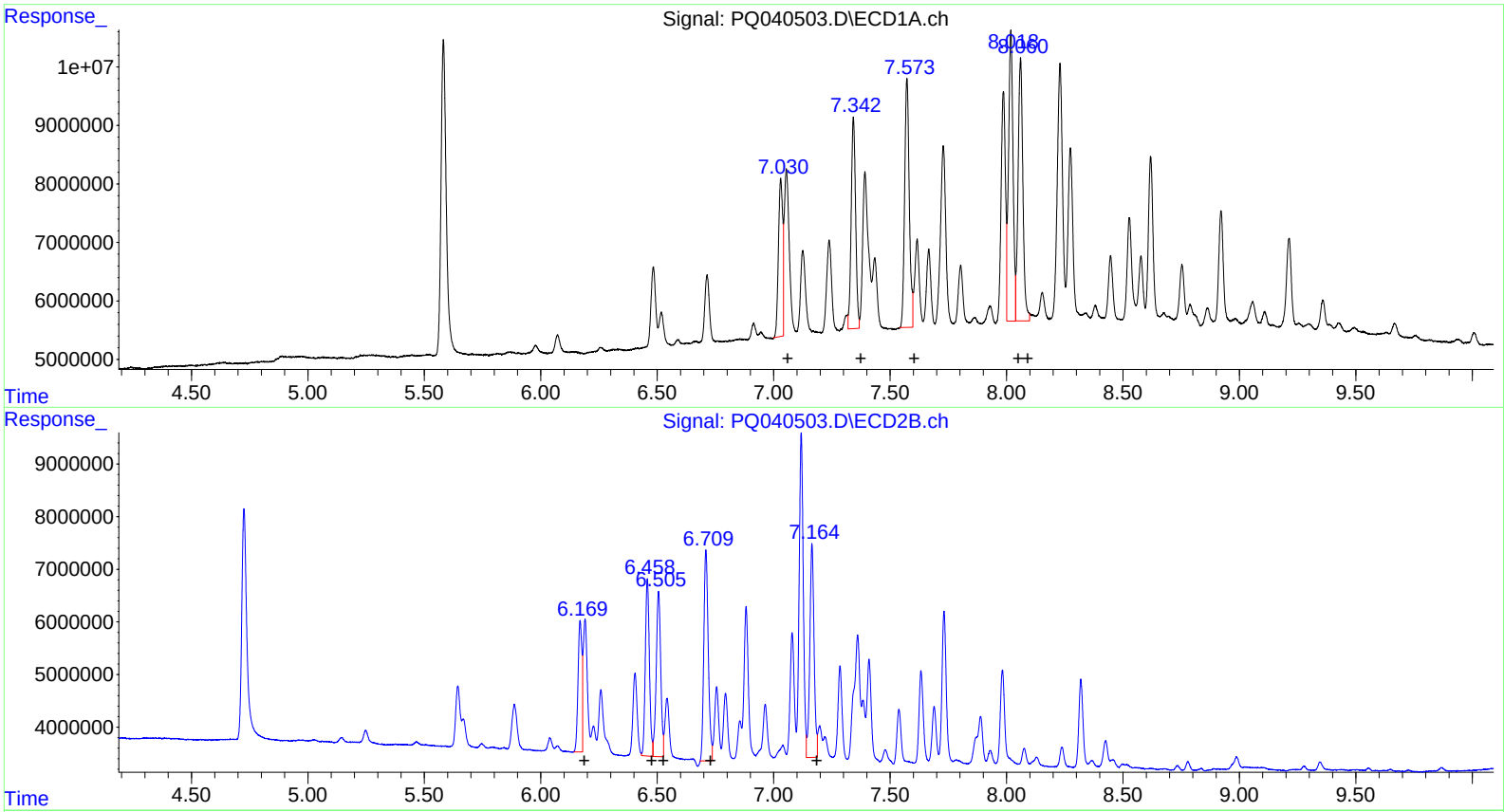

QEdit

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

R.T.	Response	Conc
7.03	34803263	449.64
7.34	47887396	425.17
7.57	59441288	430.65
8.02	66289210	439.09
8.06	64495841	428.38

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

R.T.	Response	Conc
6.17	29069652	504.48
6.46	41352326	470.34
6.51	42275009	467.21
6.71	53625757	485.61
7.16	52012354	458.12

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.582	4.726	84969154	64219150	25.938	29.900
2)	SA Decachlor...	11.874	10.439	309.1E6	196.8E6	43.272m	47.332
	Target Compounds						
21)	L5 AR-1248-1	7.030	6.169	34803263	29069652	449.640m	504.477m
22)	L5 AR-1248-2	7.342	6.458	47887396	41352326	425.167m	470.343
23)	L5 AR-1248-3	7.573	6.505	59441288	42275009	430.650m	467.212m
24)	L5 AR-1248-4	8.018	6.709	66289210	53625757	439.089m	485.611m
25)	L5 AR-1248-5	8.060	7.164	64495841	52012354	428.377m	458.115m

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

Instrument :
ECD_Q
LabSampleId :
AR1248352

Manual Integrations APPROVED
Ankita
6/3/2019 2:24:32 PM

AJ
06/05/19