Quantitation Report (Qedit)

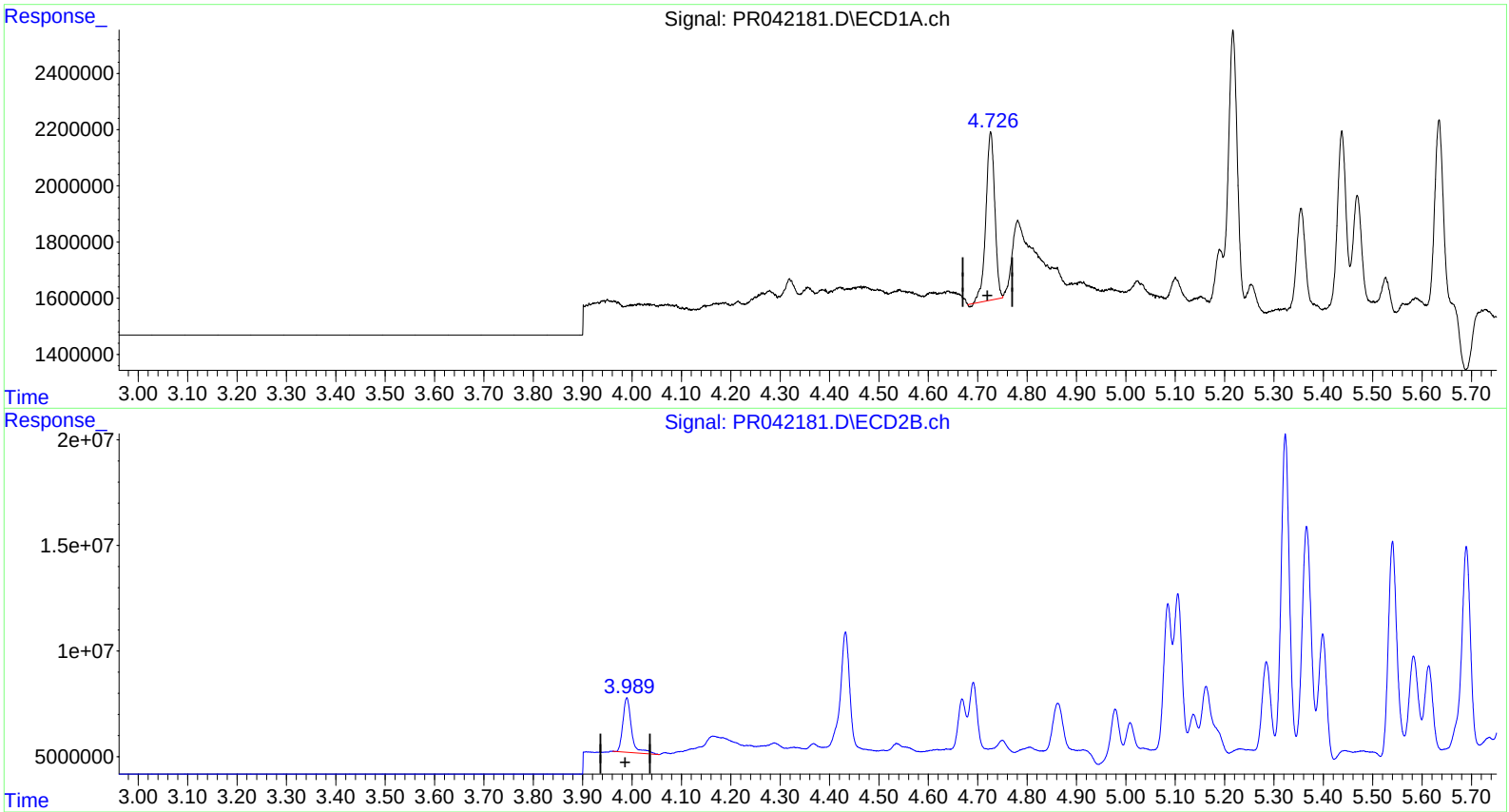
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100919\
Data File : PR042181.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2019 20:41
Operator : SM\AJ
Sample : K5178-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
BEPF3DL

Manual Integrations APPROVED
Ankita
10/10/2019 1:40:17 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:08:12 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 04 06:59:35 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

(1) Tetrachloro-m-xylene (SA)

4.726min 1.834 ng/ml

response 7460053

(1) Tetrachloro-m-xylene #2 (SA)

3.990min 2.063 ng/ml

response 31539509

(+) = Expected Retention Time

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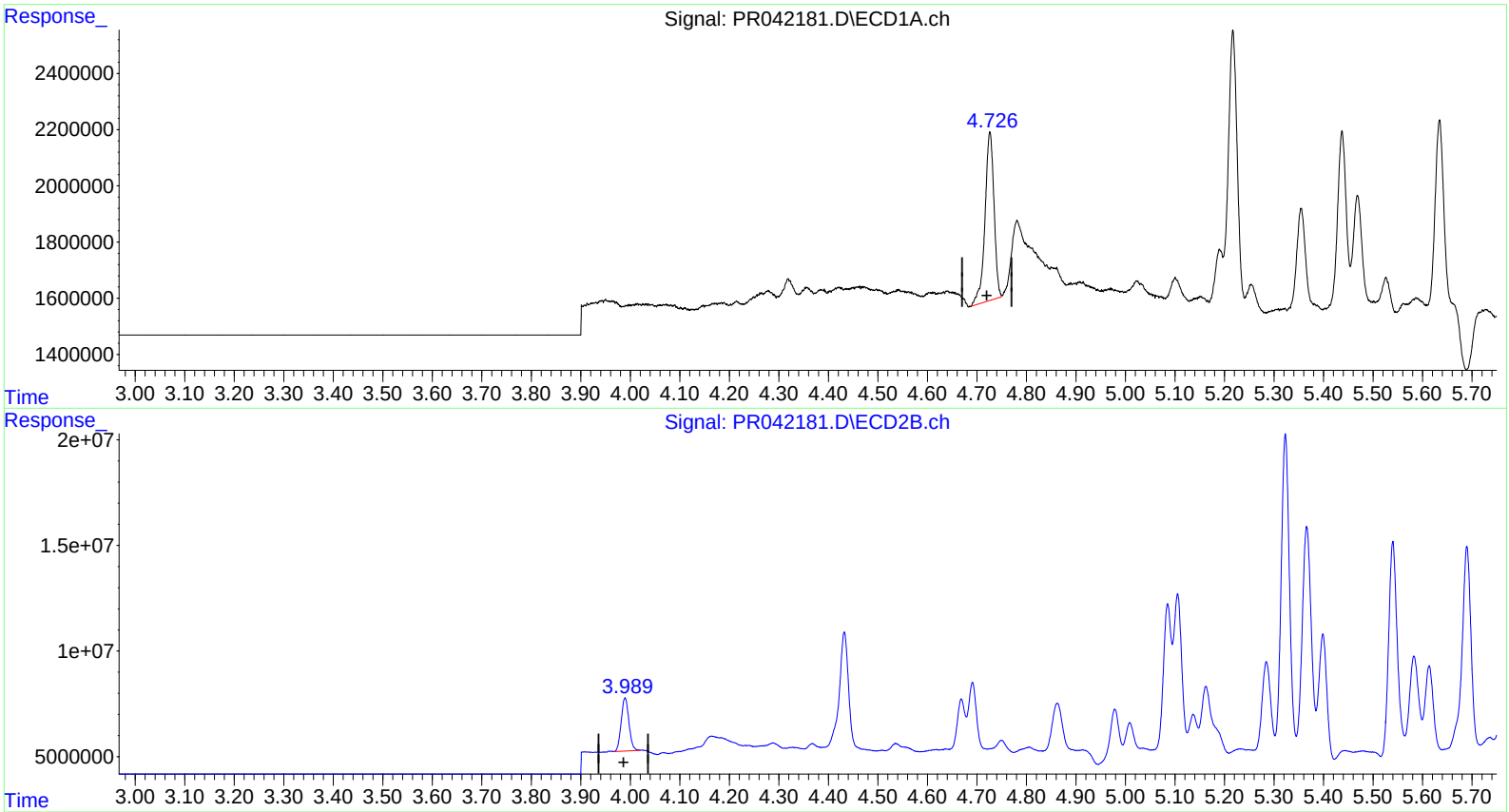

QEdit

(1) Tetrachloro-m-xylene (SA)

4.726min 1.866 ng/ml m

response 7591386

(1) Tetrachloro-m-xylene #2 (SA)

3.989min 1.784 ng/ml m

response 27285387

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Manual Integrations APPROVED
Ankita
10/10/2019 1:40:17 PM

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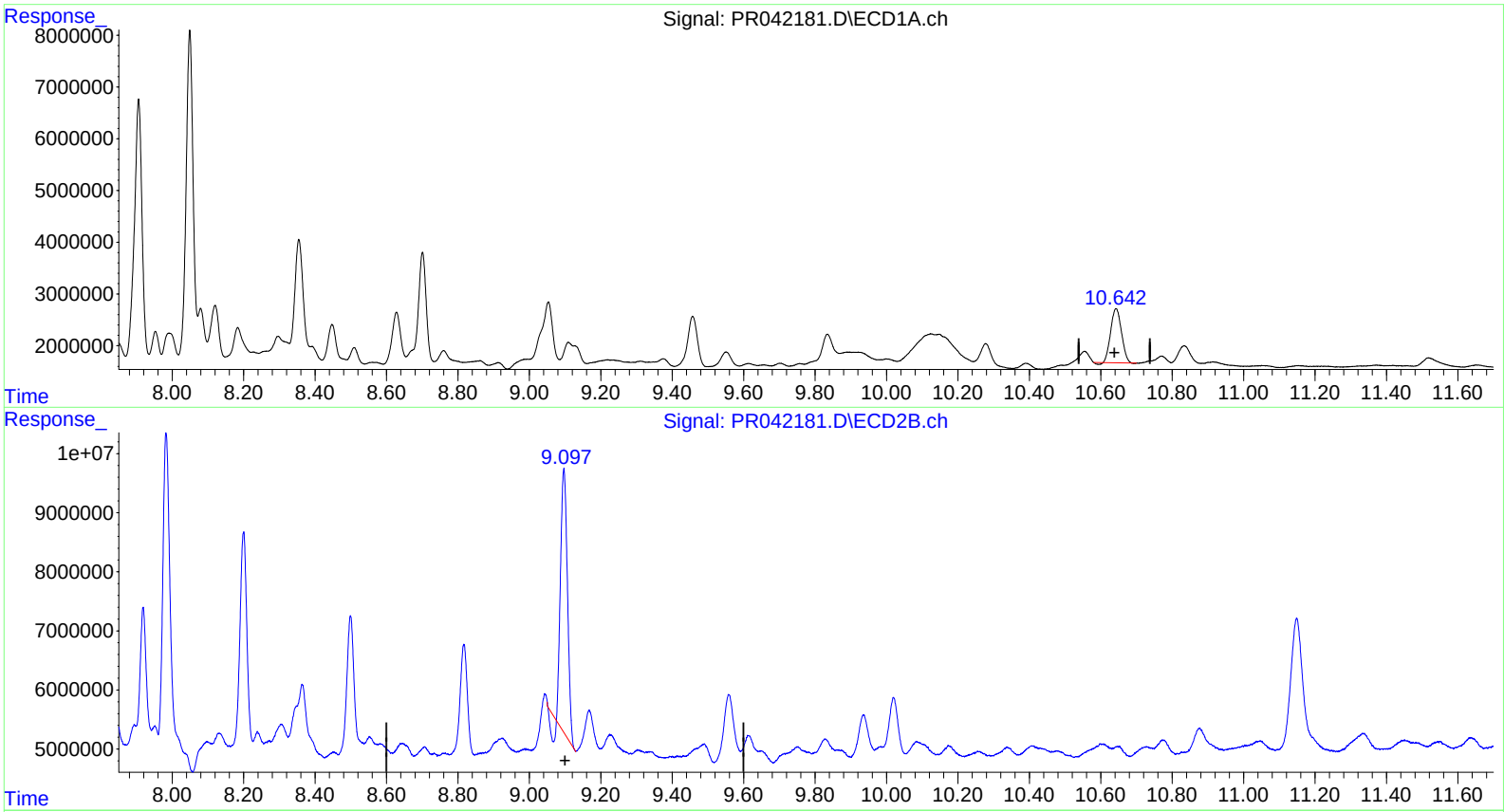

QEdit

(2) Decachlorobiphenyl (SA)

10.643min 6.341 ng/ml

response 21788306

(2) Decachlorobiphenyl #2 (SA)

9.097min 5.743 ng/ml

response 56933735

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100919\
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Acq On : 09 Oct 2019 20:41
Operator : SM\AJ
Sample : K5178-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
BEPF3DL

Manual Integrations APPROVED
Ankita
10/10/2019 1:40:17 PM

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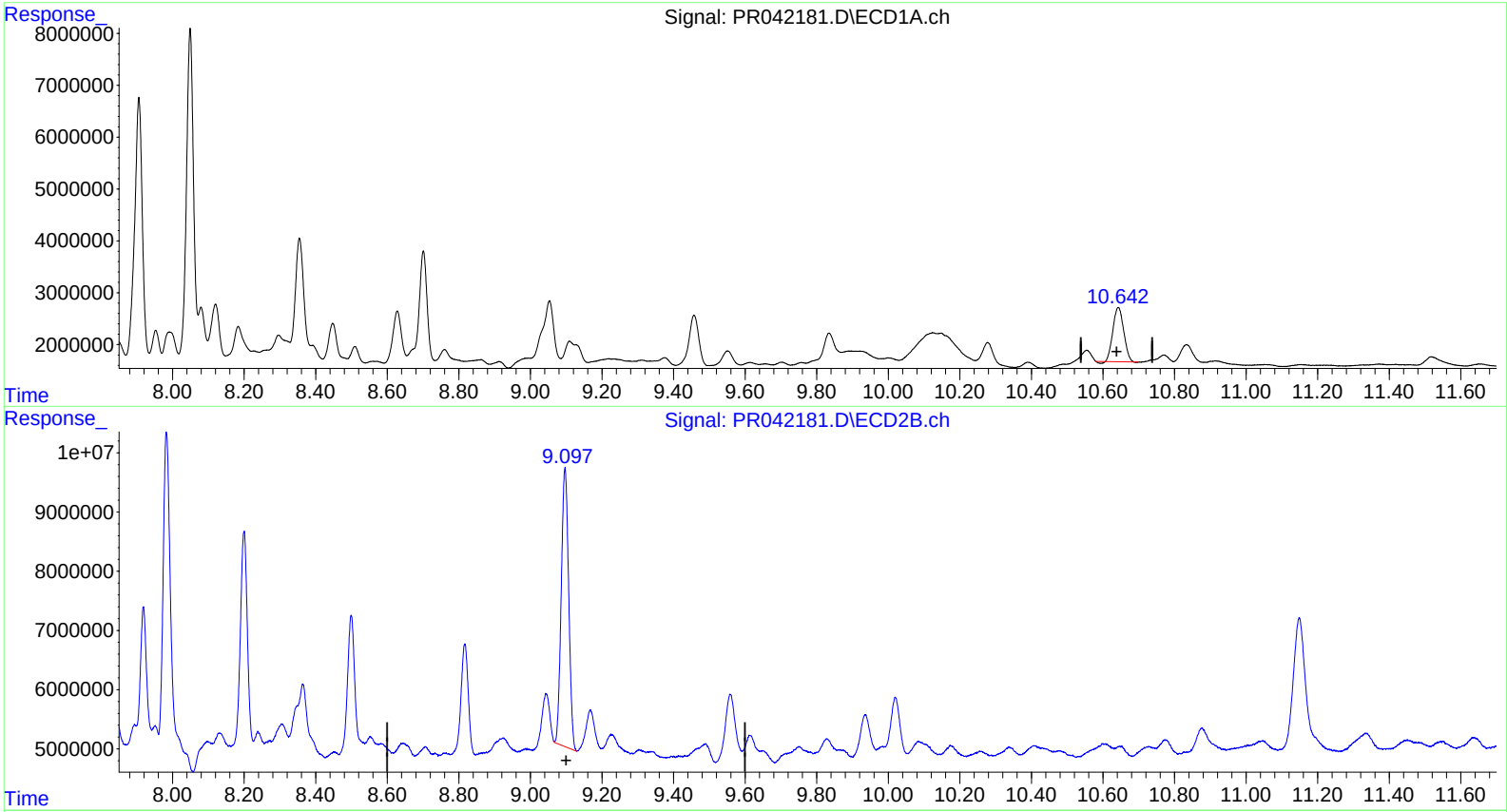
QLast Update : Fri Oct 04 06:59:35 2019
Response via : Initial Calibration
Integrator: ChemStation

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)

10.643min 6.341 ng/ml

response 21788306

(2) Decachlorobiphenyl #2 (SA)

9.097min 6.818 ng/ml m

response 67596919

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Operator : SM\AJ
Sample : K5178-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
BEPF3DL

Manual Integrations APPROVED
Ankita
10/10/2019 1:40:17 PM

Integration File signal 1: autoint1.e
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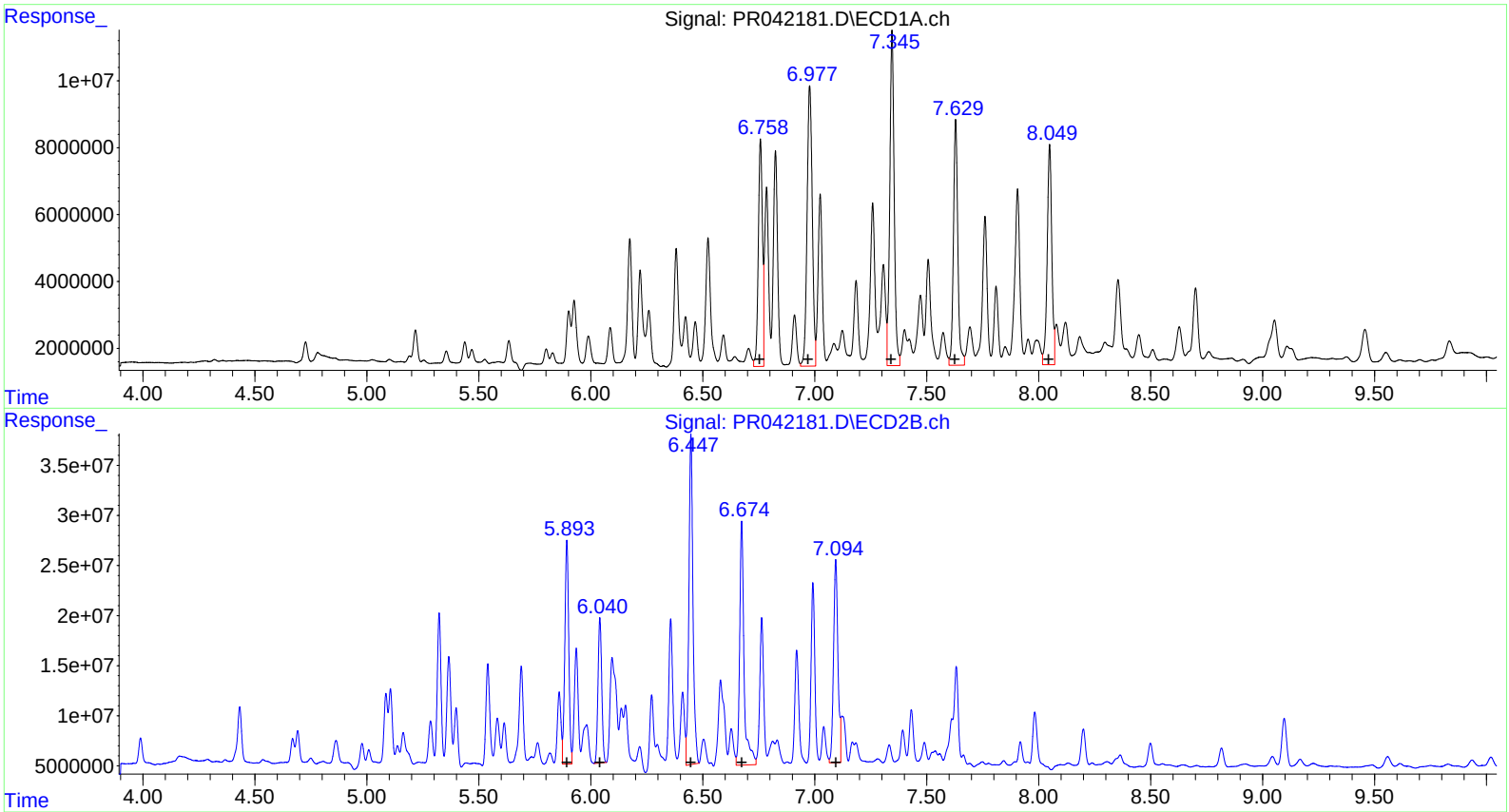

(26) AR-1254-1 (L6)

R.T.	Response	Conc
6.76	86717204	530.99
6.98	135373298	545.64
7.35	136633347	506.31
7.63	99723621	491.35
8.05	94374180	443.79

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

R.T.	Response	Conc
5.89	270856406	511.31
6.04	167837385	334.77
6.45	416197371	441.15
6.67	330697211	499.48
7.09	275989101	321.42

(+) = Expected Retention Time

Quantitation Report (Qedit)

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
BEPF3DL

Manual Integrations APPROVED
Ankita
10/10/2019 1:40:17 PM

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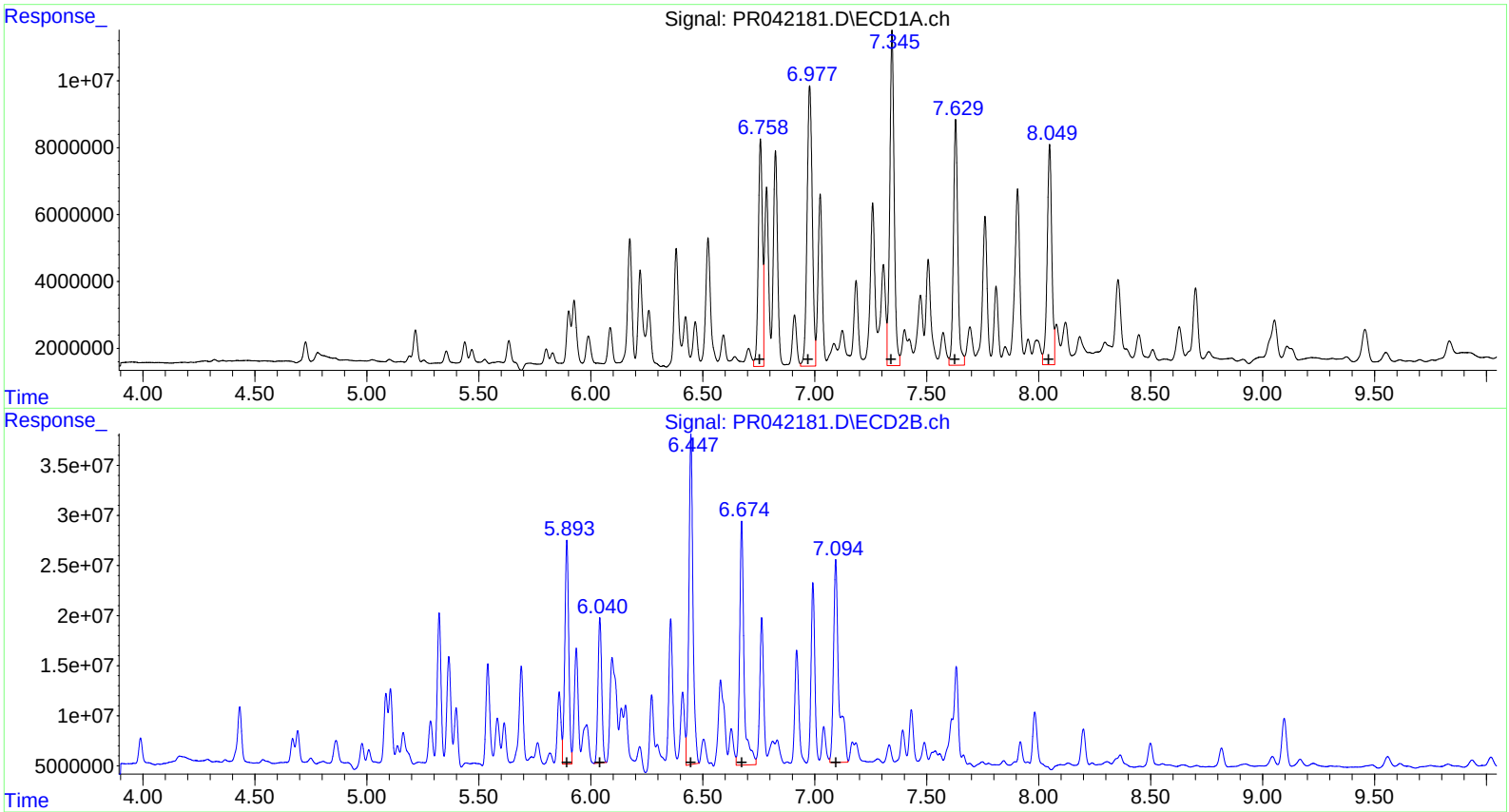
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
6.76	86717204	530.99
6.98	135373298	545.64
7.35	136633347	506.31
7.63	99723621	491.35
8.05	94374180	443.79

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

R.T.	Response	Conc
5.89	270856406	511.31
6.04	167837385	334.77
6.45	416197371	441.15
6.67	330697211	499.48
7.09	336984437	392.46

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100919\
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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...	4.726	3.989	7591386	27285387	1.866m	1.784m
2)	SA Decachlor...	10.643	9.097	21788306	67596919	6.341	6.818m
	Target Compounds						
21)	L5 AR-1248-1	5.902	5.085	18757825	74848731	225.421	229.640
22)	L5 AR-1248-2	6.174	5.323	52484669	177.0E6	457.365	475.222
23)	L5 AR-1248-3	6.382	5.366	48677714	140.0E6	375.434	374.095
24)	L5 AR-1248-4	6.785	5.540	66378671	119.0E6	432.585	298.809 #
25)	L5 AR-1248-5	6.825	5.935	84965099	139.0E6	586.818	397.850 #
26)	L6 AR-1254-1	6.758	5.893	86717204	270.9E6	530.991	511.305
27)	L6 AR-1254-2	6.978	6.041	135.4E6	167.8E6	545.640	334.768 #
28)	L6 AR-1254-3	7.345	6.447	136.6E6	416.2E6	506.309	441.146
29)	L6 AR-1254-4	7.629	6.674	99723621	330.7E6	491.354	499.483
30)	L6 AR-1254-5	8.049	7.094	94374180	337.0E6	443.793	392.461m

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

Instrument :
ECD_R
ClientSampleId :
BEPF3DL

Manual Integrations APPROVED
Ankita
10/10/2019 1:40:17 PM

A·J
10/12/19