Quantitation Report (Qedit)

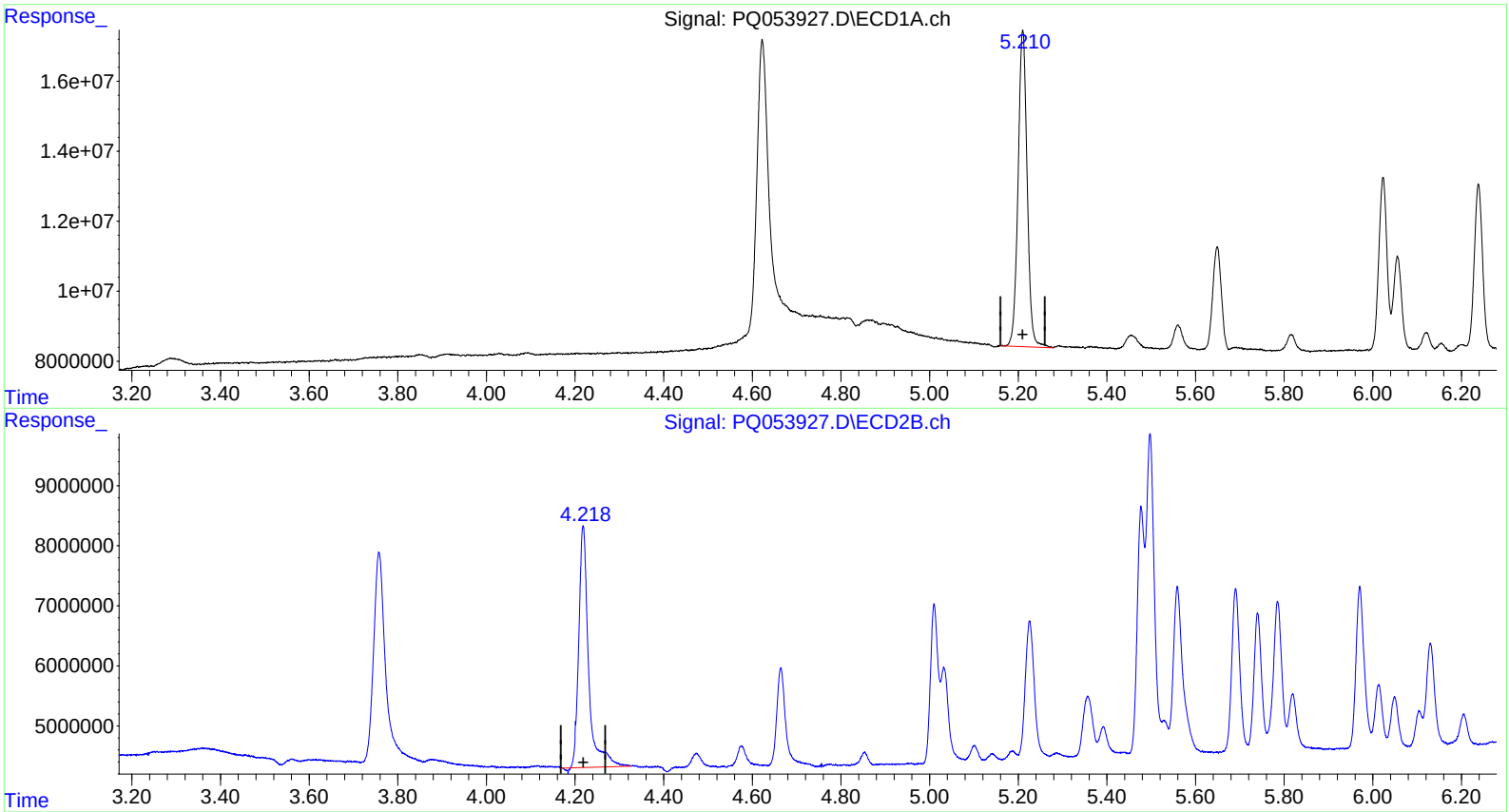
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070721\
Data File : PQ053927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2021 16:50
Operator : AJ\MA
Sample : AR1660ICC100
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
LabSampleId :
AR1660ICC100

Manual Integrations APPROVED
mohammad
7/8/2021 1:58:44 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 07:48:39 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 08 07:47:13 2021
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)

5.210min 5.374 ng/ml

response 128494099

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

4.218min 5.026 ng/ml

response 62025383

(+) = Expected Retention Time

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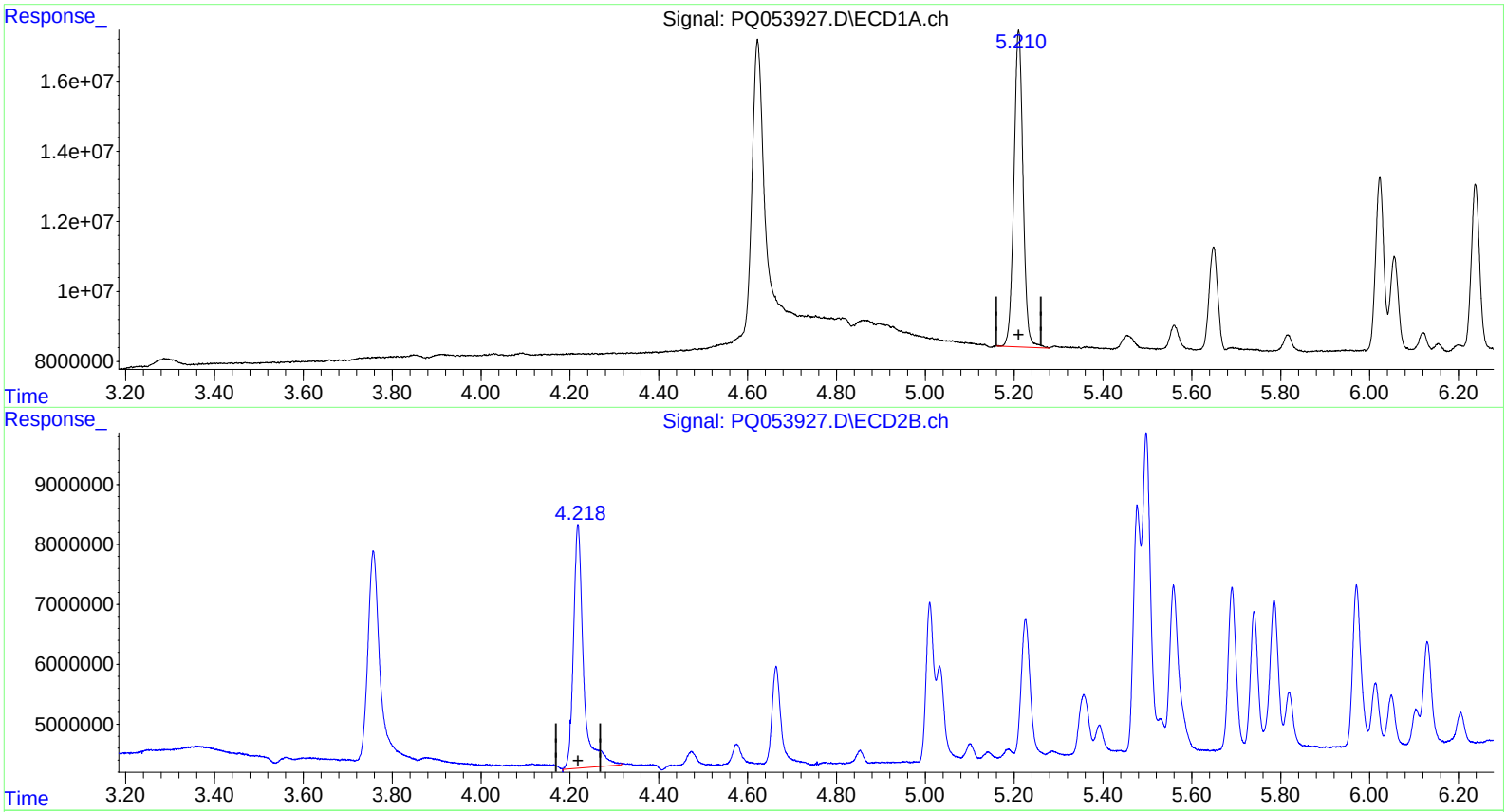

QEdit

(1) Tetrachloro-m-xylene (SA)

5.210min 5.374 ng/ml

response 128494099

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

4.218min 5.223 ng/ml m

response 64463935

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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Manual Integrations APPROVED
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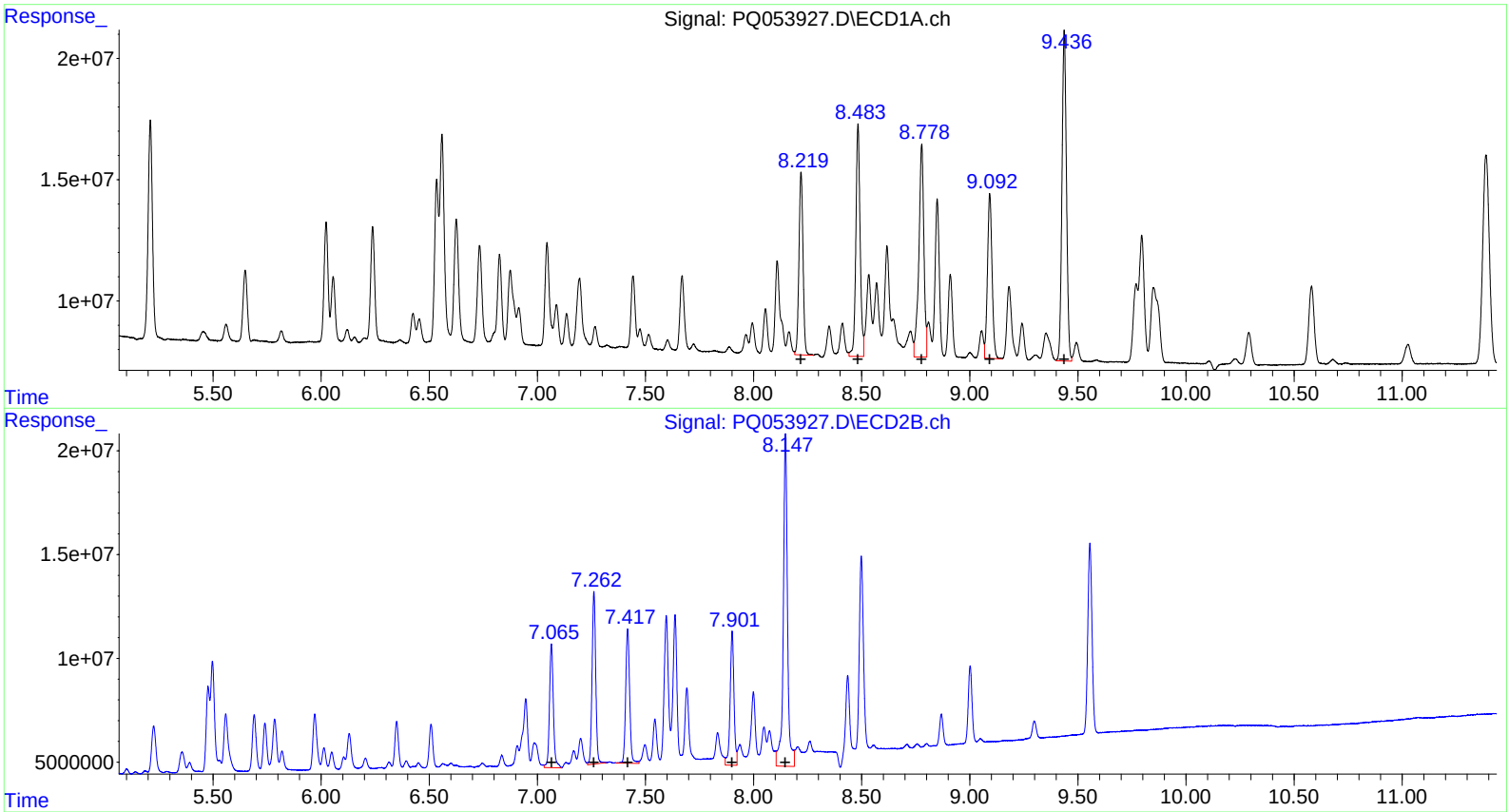

QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.22	98818051	111.15
8.48	131640916	124.09
8.78	140681095	113.49
9.09	100153190	110.62
9.44	197170072	107.14

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

R.T.	Response	Conc
7.07	74558771	117.73
7.26	96930729	107.24
7.42	82414646	110.12
7.90	80447599	124.73
8.15	216645115	120.43

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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7/8/2021 1:58:44 PM

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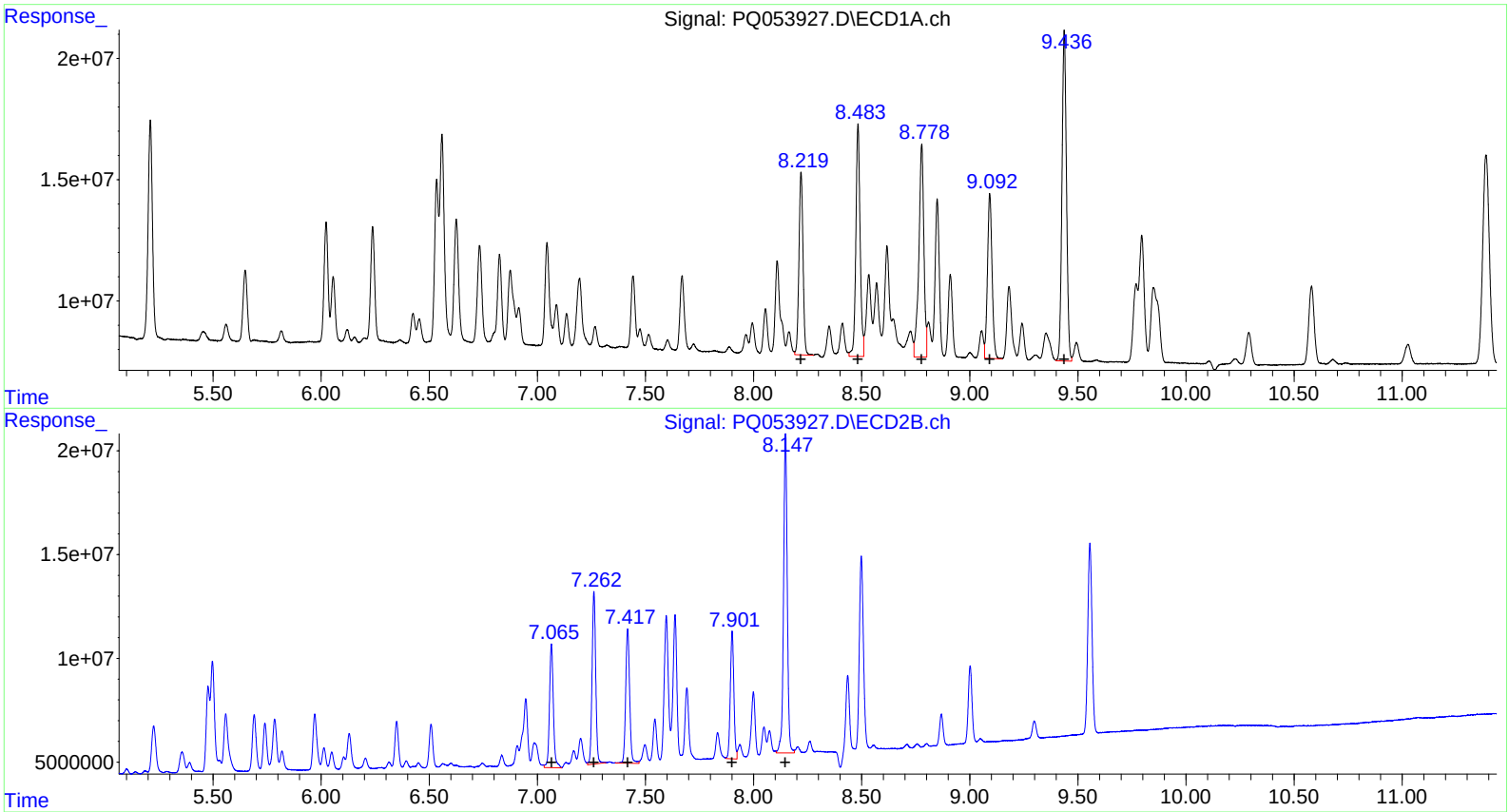

QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.22	98818051	111.15
8.48	131640916	124.09
8.78	140681095	113.49
9.09	100153190	110.62
9.44	197170072	107.14

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

R.T.	Response	Conc
7.07	74558771	117.73
7.26	96930729	107.24
7.42	82414646	110.12
7.90	70167736	108.79
8.15	184160947	102.37

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070721\
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Acq On : 07 Jul 2021 16:50
Operator : AJ\MA
Sample : AR1660ICC100
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_Q
LabSampleId : AR1660ICC100

Manual Integrations APPROVED
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7/8/2021 1:58:44 PM

Integration File signal 1: autoint1.e
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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...	5.210	4.218	128.5E6	64463935	5.374	5.223m
2)	SA Decachlor...	11.388	9.556	184.8E6	124.8E6	11.218	10.614
	Target Compounds						
3)	L1 AR-1016-1	6.535	5.477	81865153	42736222	109.828	103.098
4)	L1 AR-1016-2	6.559	5.497	125.1E6	72404627	109.296	114.097
5)	L1 AR-1016-3	6.625	5.691	75841039	33977967	109.363	105.604
6)	L1 AR-1016-4	6.733	5.740	59358708	27608801	105.529	107.091
7)	L1 AR-1016-5	7.045	5.971	59597535	34901250	110.591	106.600
31)	L7 AR-1260-1	8.220	7.065	98818051	74558771	111.147	117.729
32)	L7 AR-1260-2	8.483	7.262	131.6E6	96930729	124.091	107.245
33)	L7 AR-1260-3	8.778	7.418	140.7E6	82414646	113.490	110.117
34)	L7 AR-1260-4	9.092	7.901	100.2E6	70167736	110.622	108.789m
35)	L7 AR-1260-5	9.437	8.147	197.2E6	184.2E6	107.140	102.370m

AJ 07/22/21

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