Quantitation Report (Qedit)

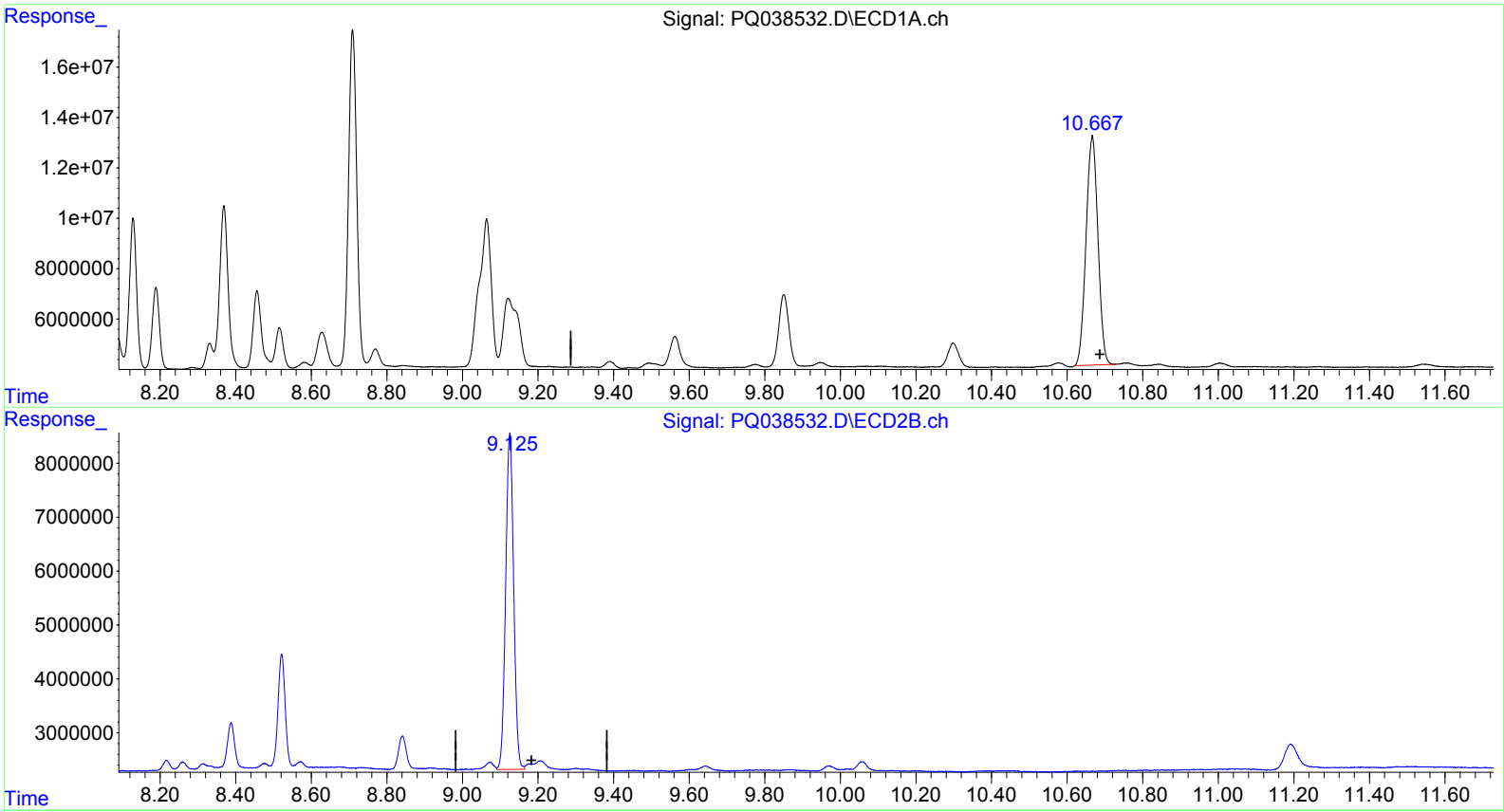
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032919\
Data File : PQ038532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Mar 2019 13:06
Operator : SM\SJ
Sample : K2119-17MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF5B3MSD

Manual Integrations APPROVED
Sohil
3/30/2019 10:14:11 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 22:38:03 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 05:45:22 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)

10.667min 36.551 ng/ml

response 198823344

(2) Decachlorobiphenyl #2 (SA)

9.125min 38.745 ng/ml m

response 91666281

(+) = Expected Retention Time

Quantitation Report (Qedit)

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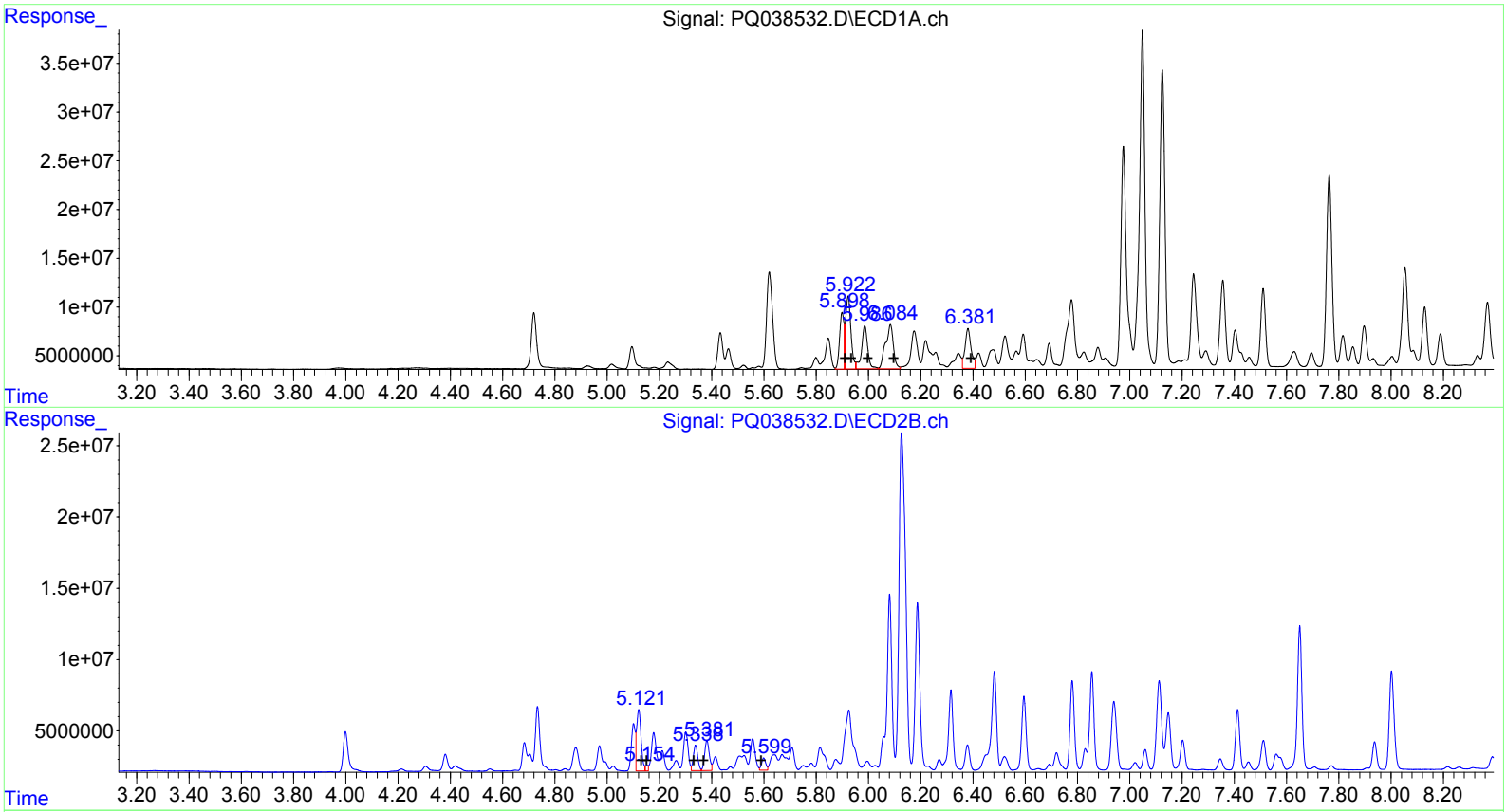

QEdit

(3) AR-1016-1 (L1)

R.T.	Response	Conc
5.90	68201843	285.60
5.92	105712390	291.20
5.99	72721844	326.70
6.08	94987206	515.25
6.38	65349286	354.03

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
5.12	50936777	476.76
5.15	2837135	18.31
5.34	20761166	258.92
5.38	25876677	407.54
5.60	9503612	108.50

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Manual Integrations APPROVED
Sohil
3/30/2019 10:14:11 AM

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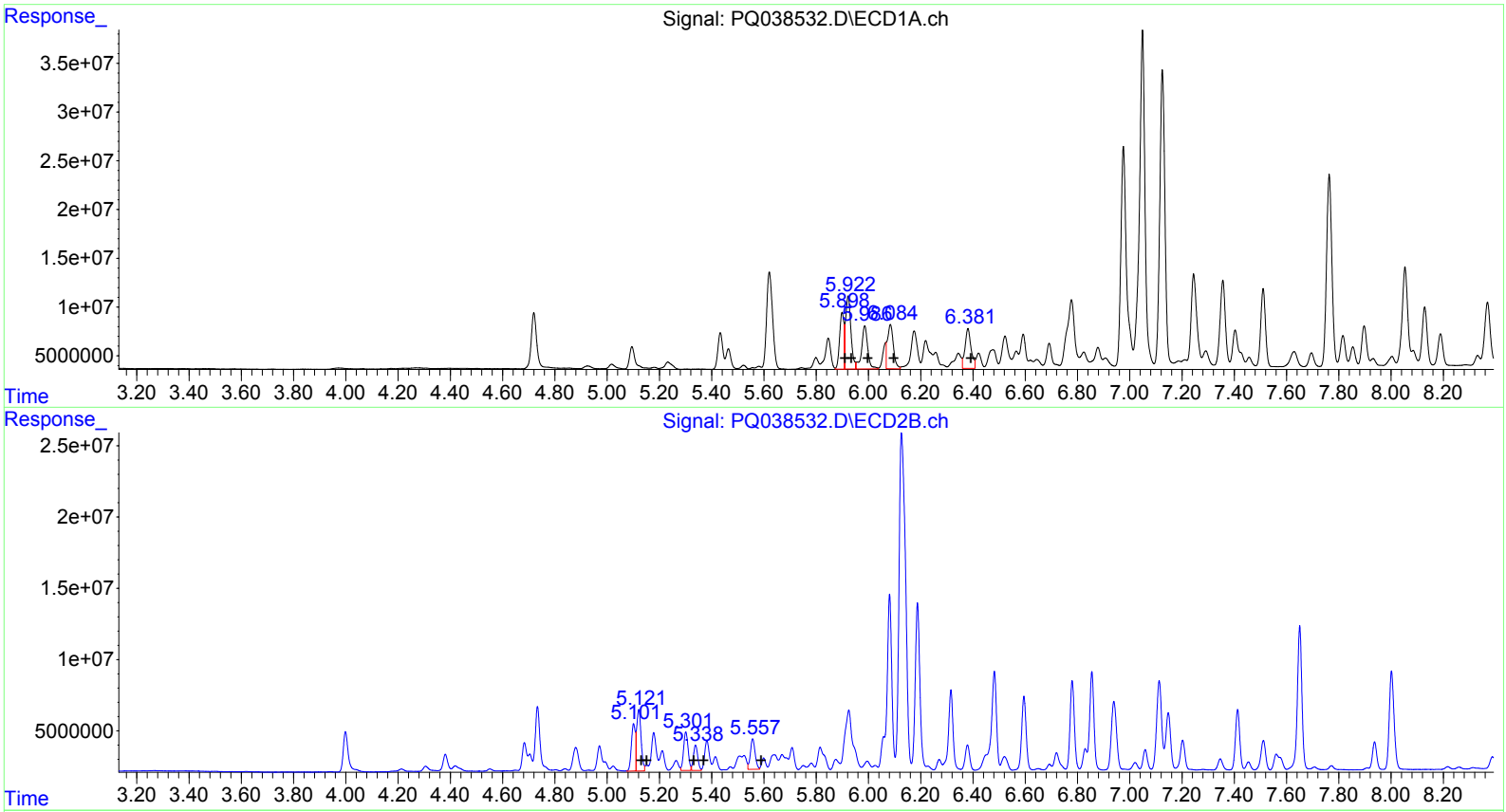

QEdit

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
5.90	68201843	285.60
5.92	105712390	291.20
5.99	72721844	326.70
6.08	71717137	389.02
6.38	65349286	354.03

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
5.10	34988507	327.49
5.12	49118557	317.08
5.30	32774522	408.74
5.34	20471699	322.41
5.56	26778836	305.74

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032919\
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Sample : K2119-17MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations APPROVED
Sohil
3/30/2019 10:14:11 AM

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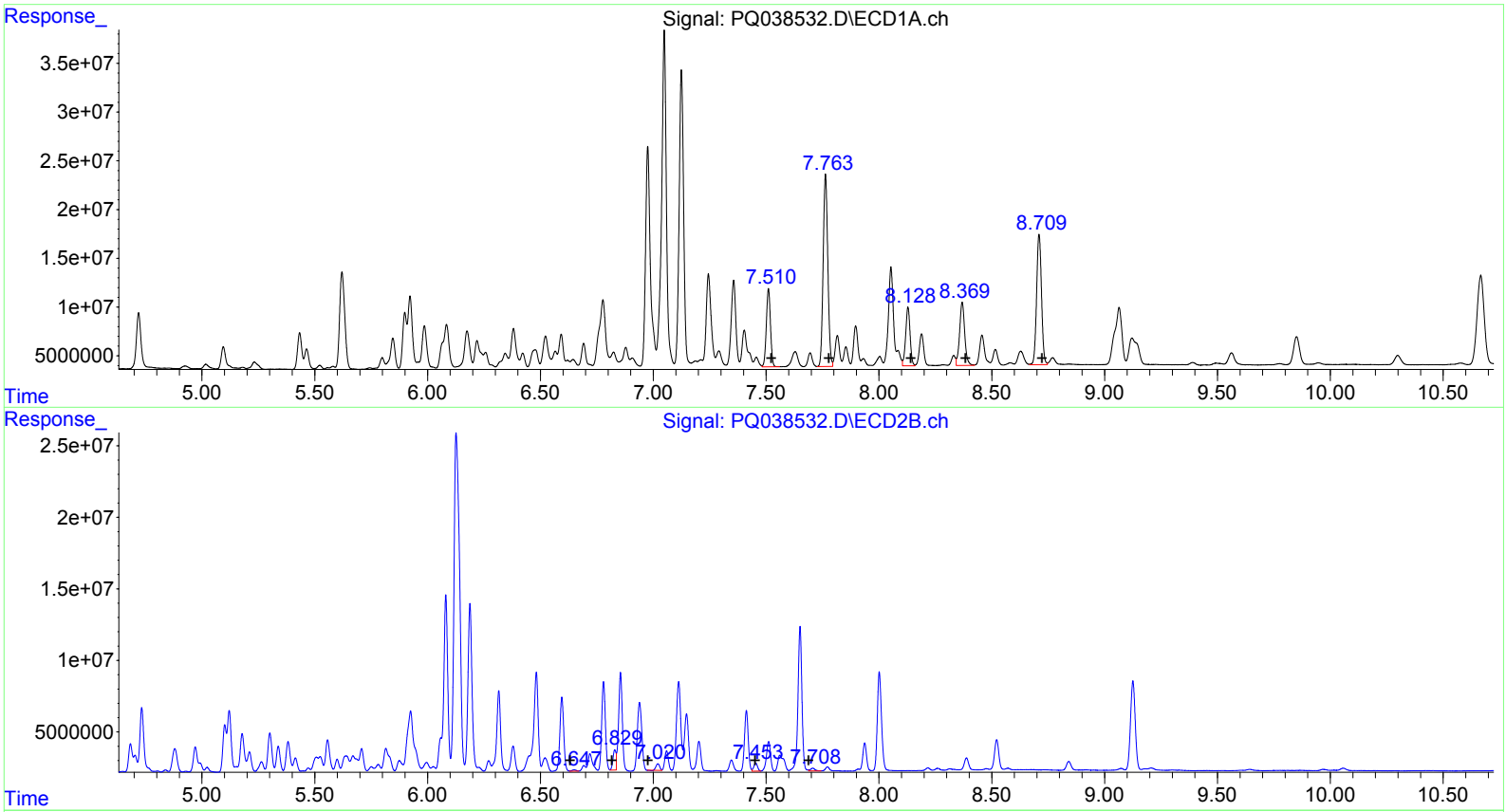

QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
7.51	101892688	239.49
7.76	282434070	550.18
8.13	81804035	211.48
8.37	101522722	222.57
8.71	202281054	213.61

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

R.T.	Response	Conc
6.65	1077324	5.27
6.83	13222896	51.62
7.02	5110704	21.36
7.45	6467604	32.68
7.71	2746807	5.59

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032919\
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Operator : SM\SJ
Sample : K2119-17MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF5B3MSD

Manual Integrations APPROVED
Sohil
3/30/2019 10:14:11 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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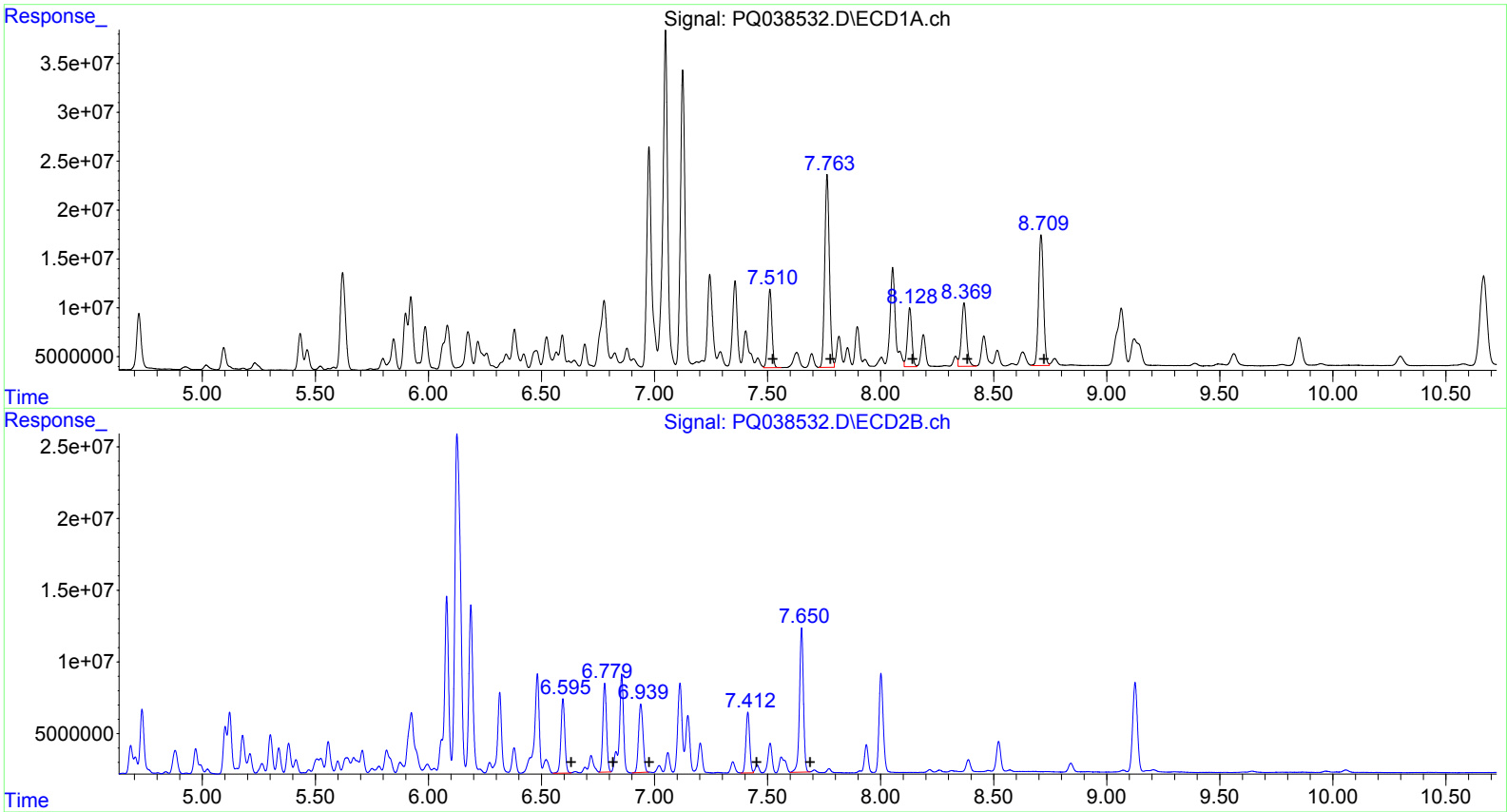

QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
7.51	101892688	239.49
7.76	282434070	550.18
8.13	81804035	211.48
8.37	101522722	222.57
8.71	202281054	213.61

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

R.T.	Response	Conc
6.59	61850431	302.52
6.78	69881140	272.81
6.94	65717267	274.71
7.41	48928380	247.19
7.65	120653780	245.39

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032919\
Data File : PQ038532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Mar 2019 13:06
Operator : SM\SJ
Sample : K2119-17MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF5B3MSD

Manual Integrations APPROVED
Sohil
3/30/2019 10:14:11 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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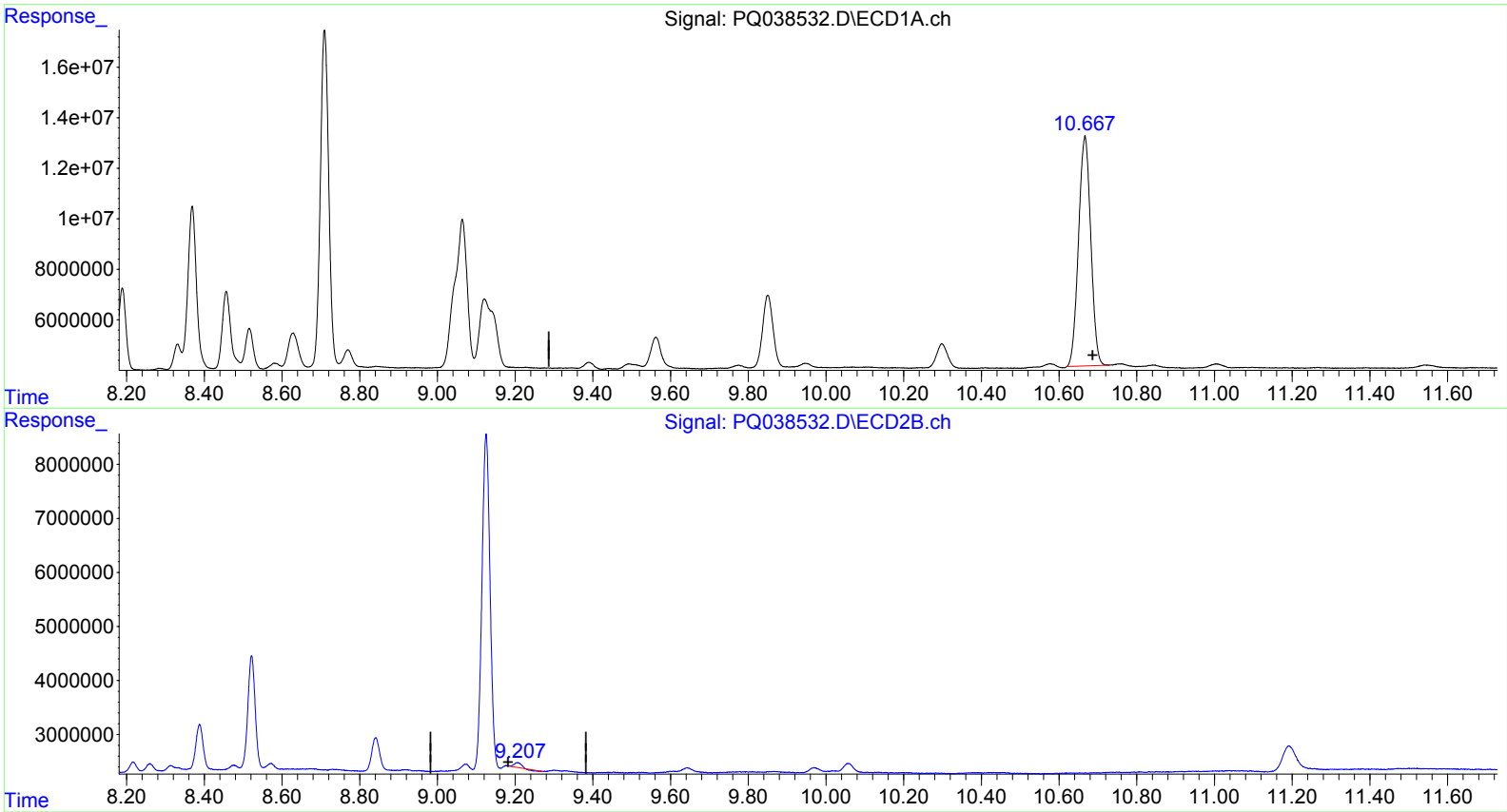
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(2) Decachlorobiphenyl (SA)
10.667min 36.551 ng/ml
response 198823344

(2) Decachlorobiphenyl #2 (SA)
9.207min 0.387 ng/ml
response 914822

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032919\
Data File : PQ038532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Mar 2019 13:06
Operator : SM\SJ
Sample : K2119-17MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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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...	4.719	3.999	84942894	38579398	20.610	22.858
2)	SA Decachlor...	10.667	9.125	198.8E6	91666281	36.551	38.745m
	Target Compounds						
3)	L1 AR-1016-1	5.899	5.101	68201843	34988507	285.605	327.489m
4)	L1 AR-1016-2	5.922	5.121	105.7E6	49118557	291.197	317.077m
5)	L1 AR-1016-3	5.986	5.301	72721844	32774522	326.704	408.742m#
6)	L1 AR-1016-4	6.084	5.338	71717137	20471699	389.022m	322.415m
7)	L1 AR-1016-5	6.381	5.557	65349286	26778836	354.034	305.736m
31)	L7 AR-1260-1	7.510	6.595	101.9E6	61850431	239.486	302.516m#
32)	L7 AR-1260-2	7.763	6.779	282.4E6	69881140	550.177	272.805m#
33)	L7 AR-1260-3	8.129	6.939	81804035	65717267	211.475	274.712m#
34)	L7 AR-1260-4	8.369	7.412	101.5E6	48928380	222.570	247.192m
35)	L7 AR-1260-5	8.709	7.650	202.3E6	120.7E6	213.613	245.390m

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

Instrument :
ECD_Q
ClientSampleId :
BF5B3MSD

Manual Integrations APPROVED
Sohil
3/30/2019 10:14:11 AM

SJ
04/02/19