Quantitation Report (Qedit)

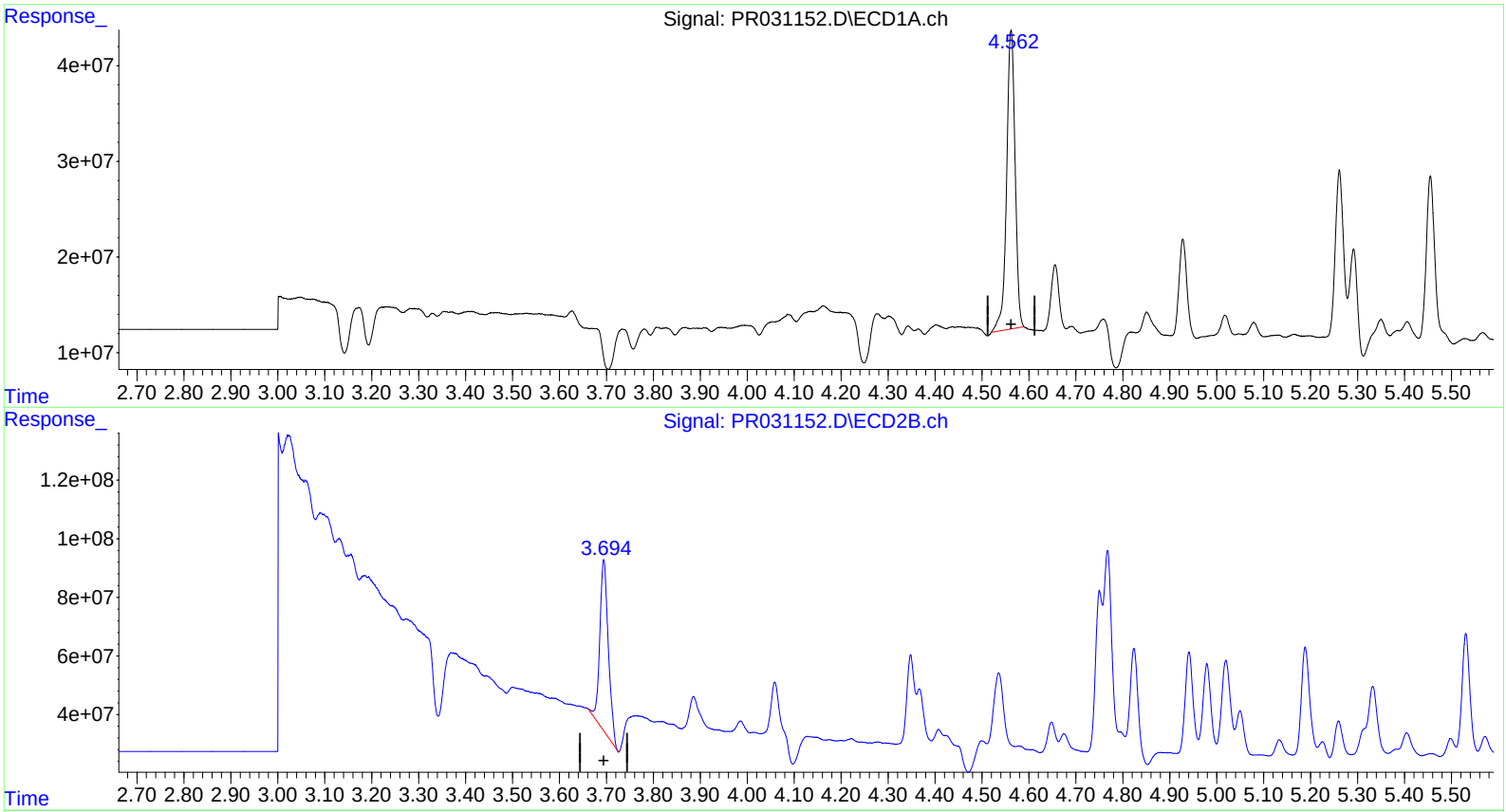
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080518\
Data File : PR031152.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Aug 2018 19:47
Operator : SM\MA
Sample : J4265-09MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
C0AA7MSD

Manual Integrations APPROVED
Sohil
8/7/2018 9:26:42 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 02:03:50 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080218CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 02 03:51:20 2018
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)

4.562min 29.554 ng/ml

response 391518742

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

3.694min 33.440 ng/ml

response 737426322

(+) = Expected Retention Time

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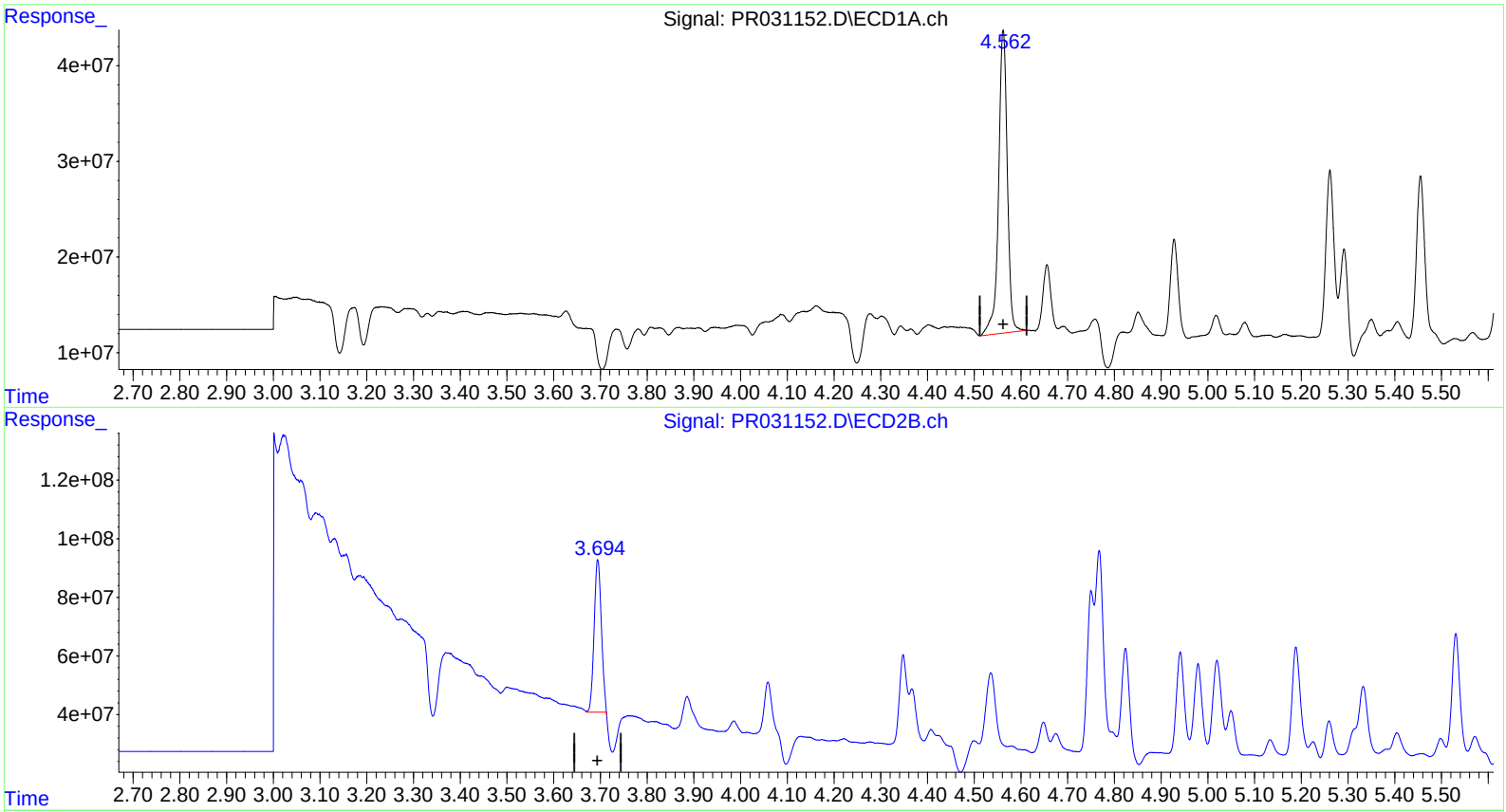

QEdit

(1) Tetrachloro-m-xylene (SA)

4.562min 31.103 ng/ml m

response 412038445

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

3.694min 25.445 ng/ml m

response 561115070

(+) = Expected Retention Time

Quantitation Report (Qedit)

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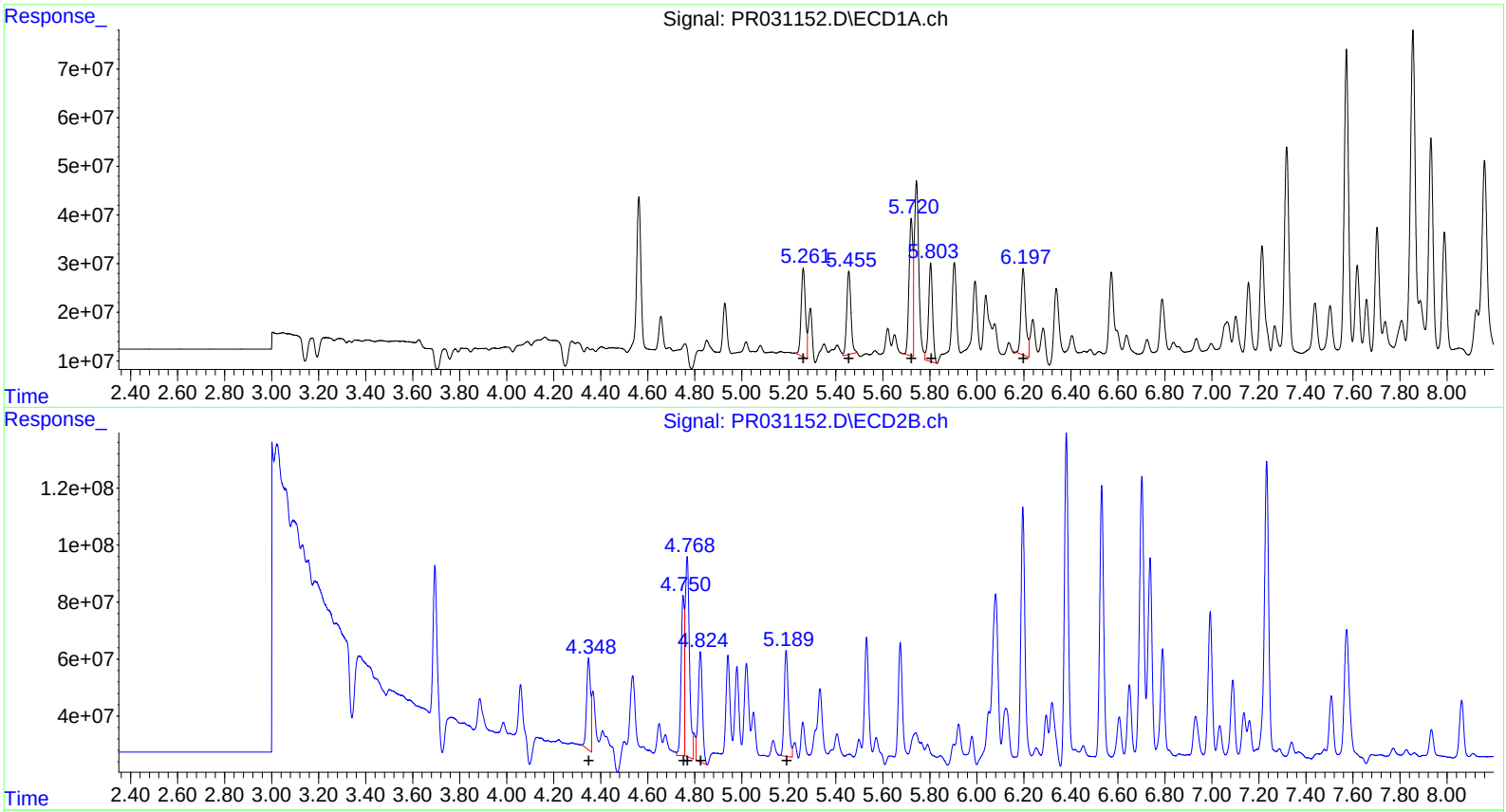

QEdit

(3) AR-1016-1 (L1)

R.T.	Response	Conc
5.26	229528005	613.50
5.46	213150668	575.02
5.72	322702756	531.33
5.80	242581953	453.79
6.20	239762804	508.61

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

R.T.	Response	Conc
4.35	372969137	536.09
4.75	530836446	486.15
4.77	878234135	486.09
4.82	477437947	394.82
5.19	465296151	423.77

(+) = Expected Retention Time

Quantitation Report (Qedit)

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ECD_R
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Manual Integrations APPROVED
Sohil
8/7/2018 9:26:42 AM

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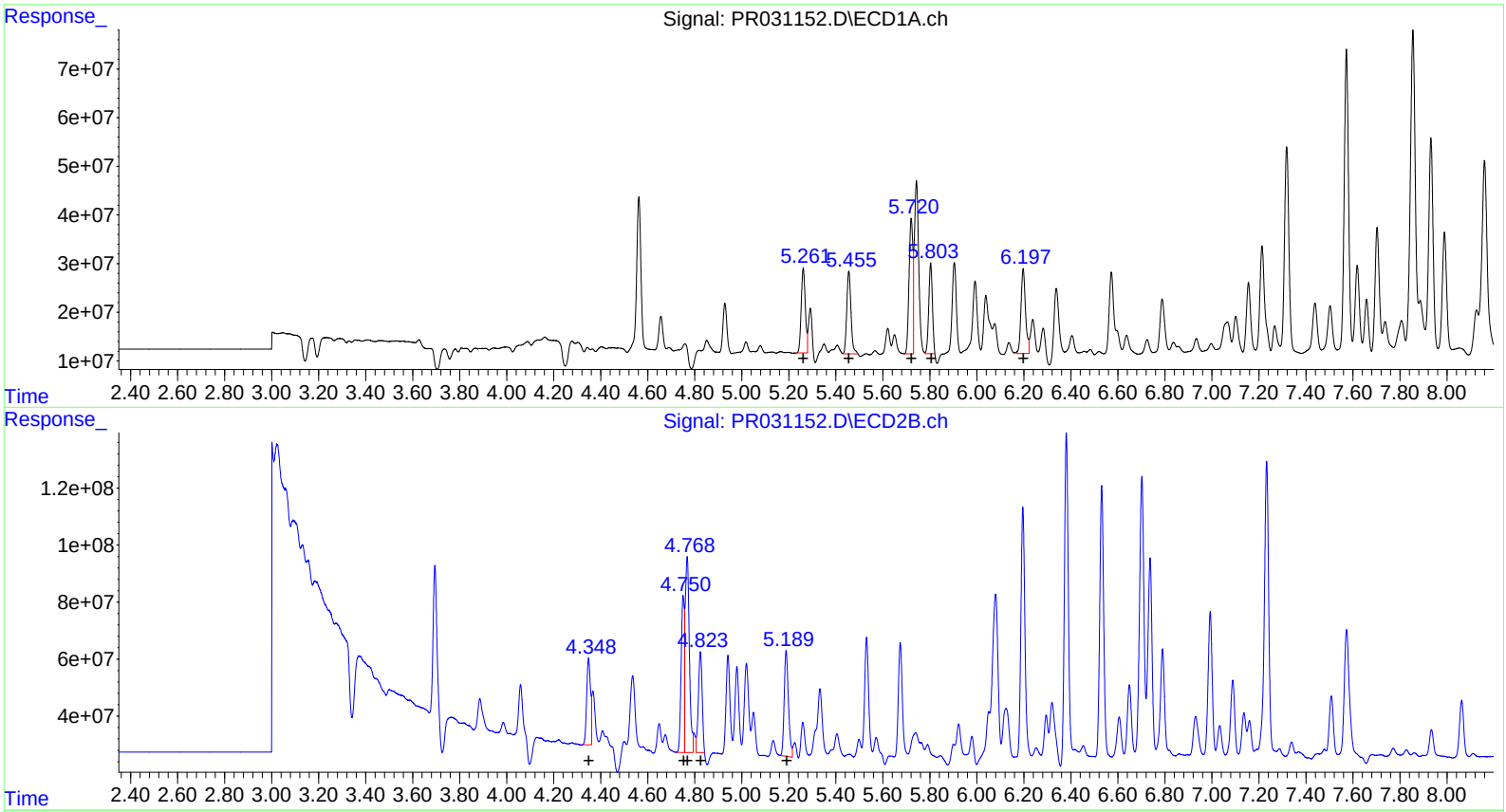

QEdit

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

R.T.	Response	Conc
5.26	212444147	567.84
5.46	211289876	570.00
5.72	323029007	531.87
5.80	199140490	372.53
6.20	235088856	498.69

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

R.T.	Response	Conc
4.35	343020259	493.04
4.75	527640212	483.22
4.77	821020681	454.42
4.82	395923050	327.41
5.19	465296151	423.77

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
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Manual Integrations APPROVED
Sohil
8/7/2018 9:26:42 AM

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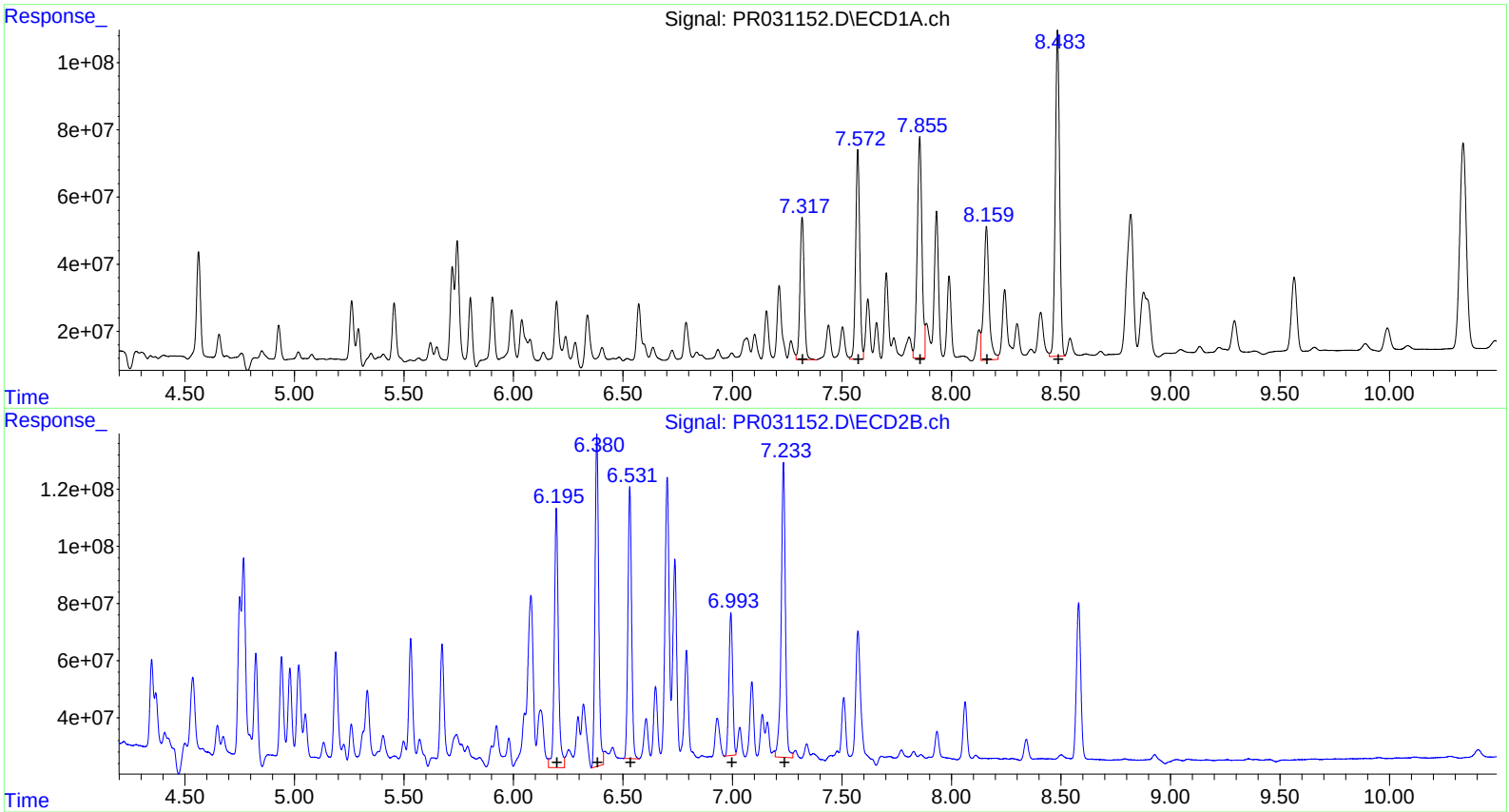

(31) AR-1260-1 (L7)

R.T.	Response	Conc
7.32	567793641	489.03
7.57	803895577	476.21
7.86	979884513	509.38
8.16	667937875	476.72
8.48	1328694144	379.65

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

R.T.	Response	Conc
6.20	1174603379	445.72
6.38	1353412828	413.16
6.53	1102971868	405.48
6.99	593666215	343.44
7.23	1365794155	368.38

(+) = Expected Retention Time

Quantitation Report (Qedit)

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ECD_R
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C0AA7MSD

Manual Integrations APPROVED
Sohil
8/7/2018 9:26:42 AM

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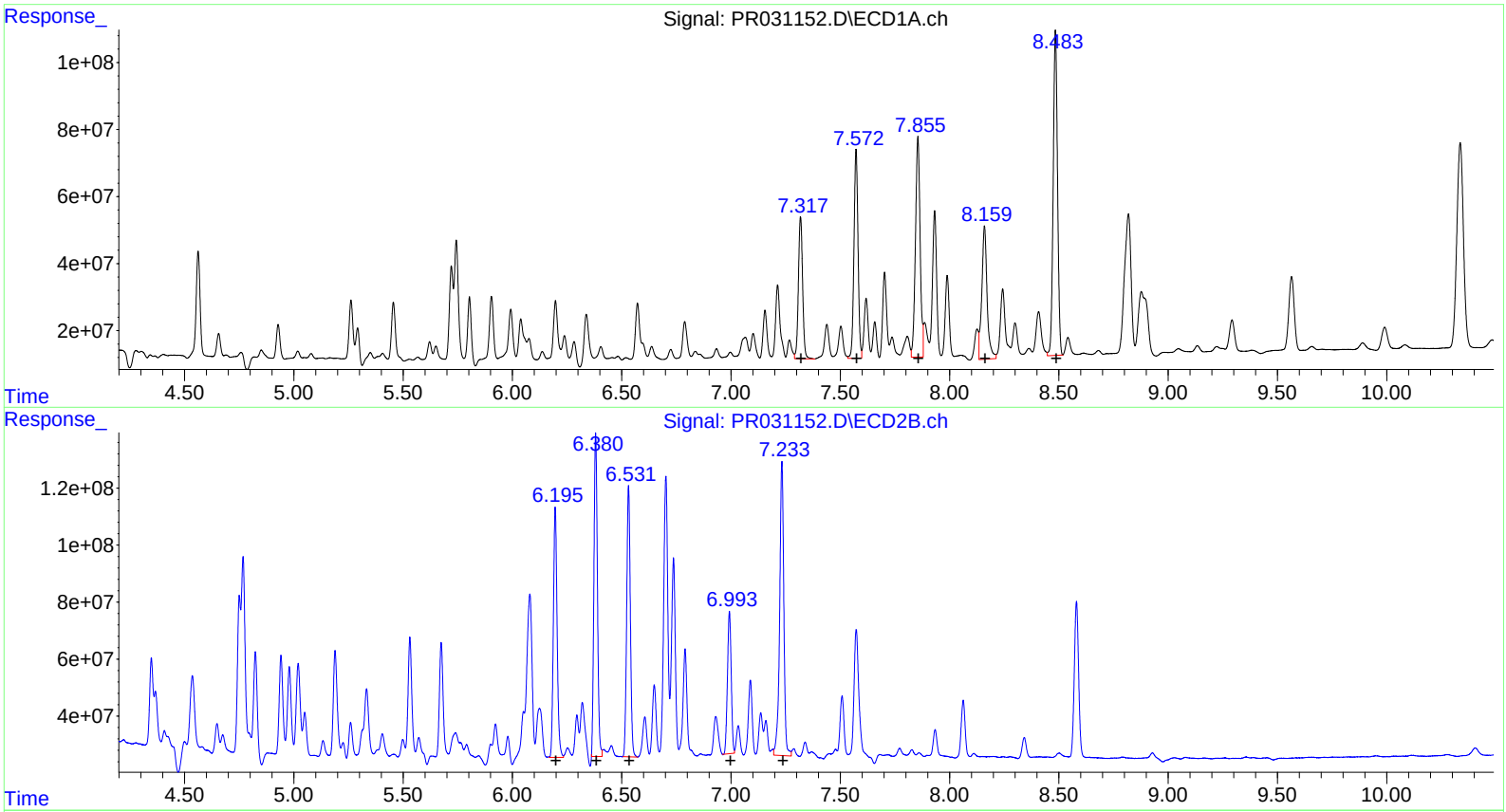

QEdit

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

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7.32	567793641	489.03
7.57	803895577	476.21
7.86	979884513	509.38
8.16	667937875	476.72
8.48	1328694144	379.65

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

R.T.	Response	Conc
6.20	1043677531	396.04
6.38	1270340991	387.80
6.53	1102971868	405.48
6.99	593666215	343.44
7.23	1365794155	368.38

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

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ALS Vial : 22 Sample Multiplier: 1

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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...	4.562	3.694	412.0E6	561.1E6	31.103m	25.445m
2)	SA Decachlor...	10.336	8.581	1296.2E6	740.9E6	39.142	37.275
	Target Compounds						
3)	L1 AR-1016-1	5.261	4.348	212.4E6	343.0E6	567.841m	493.039m
4)	L1 AR-1016-2	5.455	4.750	211.3E6	527.6E6	570.001m	483.220m
5)	L1 AR-1016-3	5.720	4.768	323.0E6	821.0E6	531.869m	454.423m
6)	L1 AR-1016-4	5.803	4.823	199.1E6	395.9E6	372.527m	327.414m
7)	L1 AR-1016-5	6.197	5.189	235.1E6	465.3E6	498.691m	423.767
31)	L7 AR-1260-1	7.318	6.195	567.8E6	1043.7E6	489.032	396.039m
32)	L7 AR-1260-2	7.572	6.380	803.9E6	1270.3E6	476.210	387.804m
33)	L7 AR-1260-3	7.855	6.531	979.9E6	1103.0E6	509.378	405.484
34)	L7 AR-1260-4	8.160	6.993	667.9E6	593.7E6	476.717	343.440 #
35)	L7 AR-1260-5	8.484	7.233	1328.7E6	1365.8E6	379.646	368.380

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

SM08/09/18

Instrument :
ECD_R
ClientSampleId :
C0AA7MSD

Manual Integrations APPROVED
Sohil
8/7/2018 9:26:42 AM