Quantitation Report (Qedit)

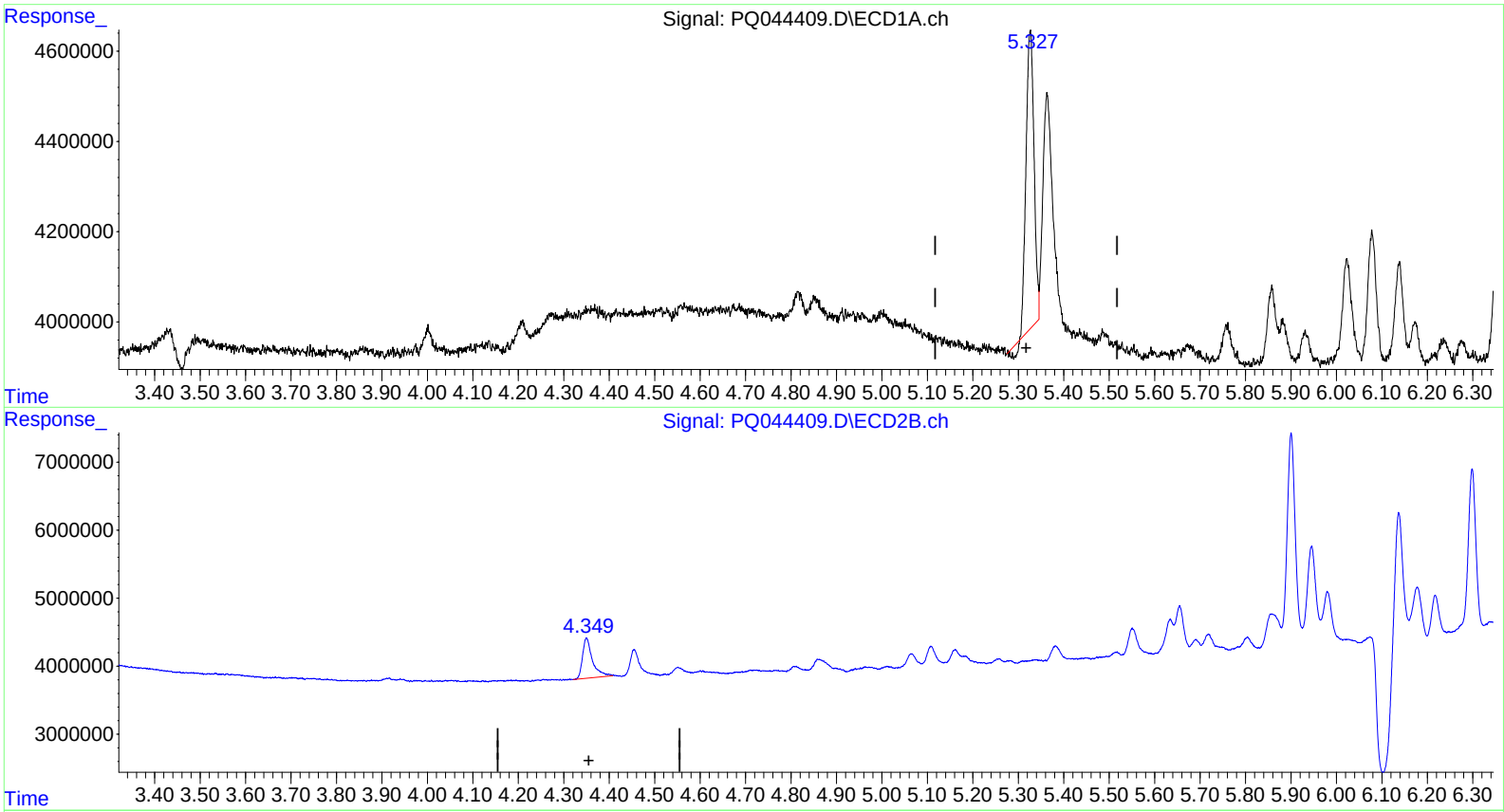
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101619\
Data File : PQ044409.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 11:28
Operator : HP\AJ
Sample : K5322-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ESP12DL

Manual Integrations APPROVED
Ankita
10/17/2019 1:11:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 01:12:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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)

5.326min 2.029 ng/ml

response 7889159

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

4.350min 2.017 ng/ml

response 9003594

(+) = Expected Retention Time

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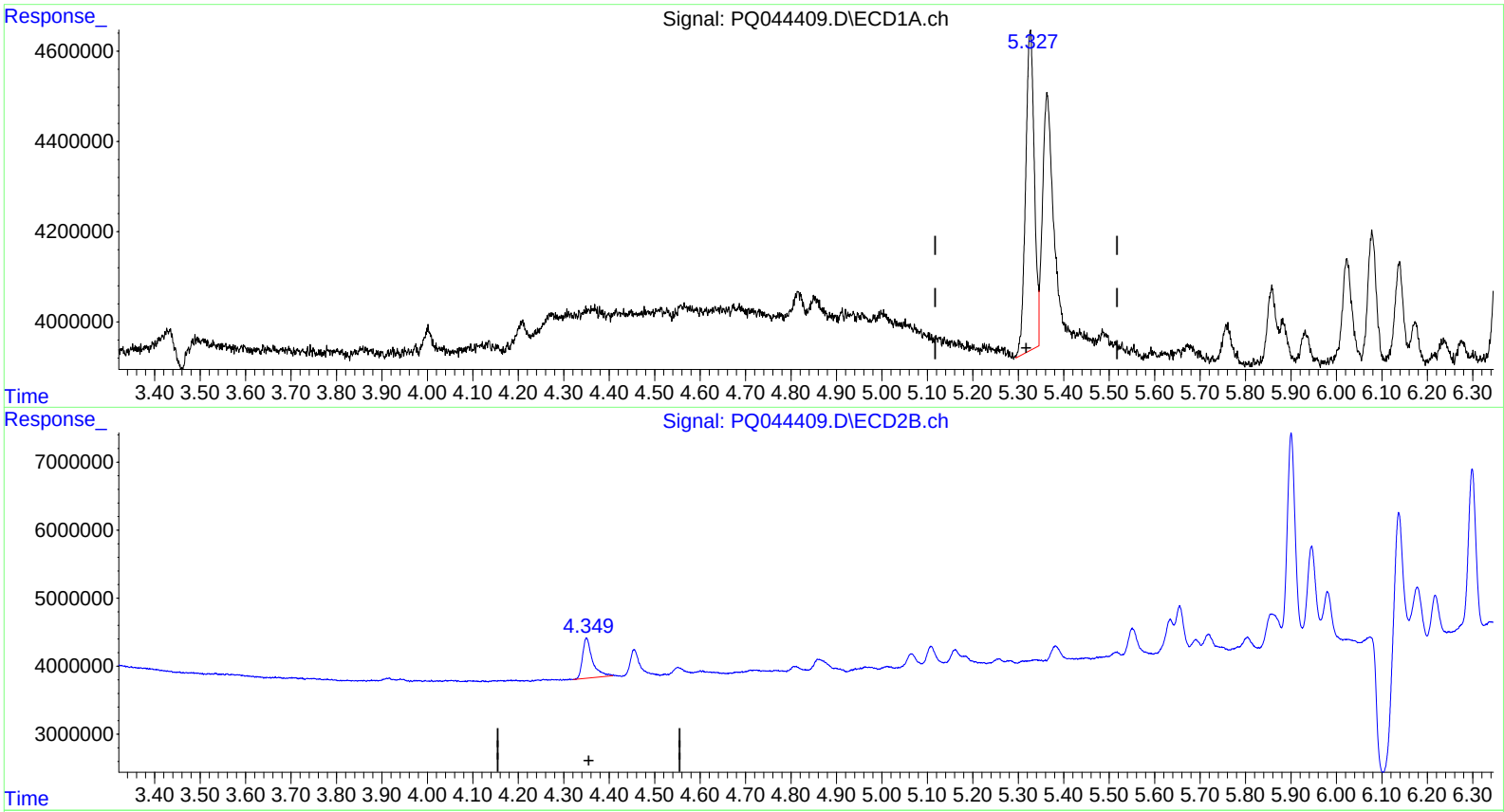
Instrument :
ECD_Q
ClientSampleId :
ESP12DL

Manual Integrations APPROVED
Ankita
10/17/2019 1:11:30 PM



QEdit

(1) Tetrachloro-m-xylene (SA)

5.327min 2.433 ng/ml m

response 9457790

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

4.350min 2.017 ng/ml

response 9003594

(+) = Expected Retention Time

Quantitation Report (Qedit)

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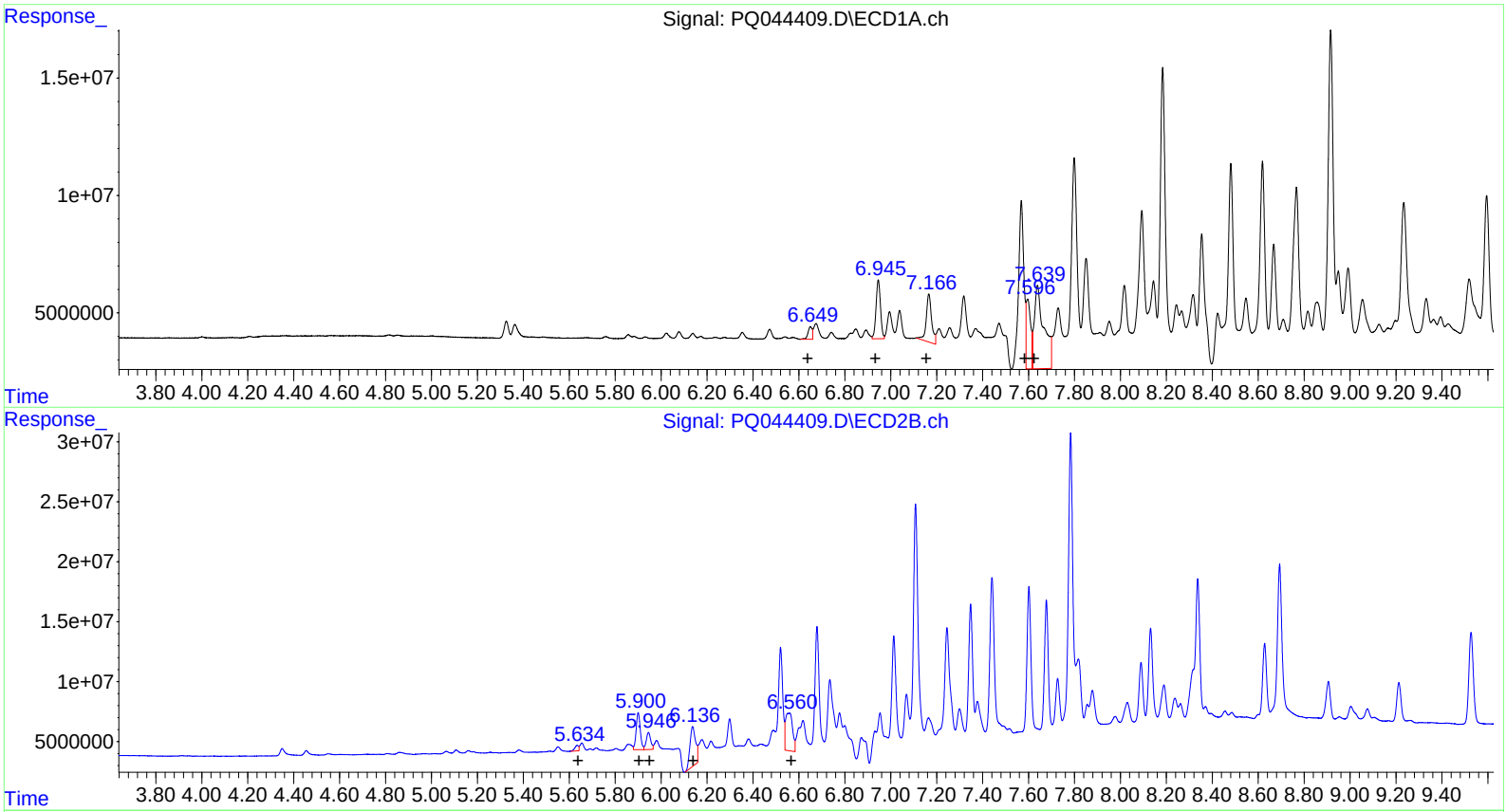

QEdit

(21) AR-1248-1 (L5)

R.T.	Response	Conc
6.65	6842237	93.25
6.95	33670113	339.90
7.17	33209369	307.50
7.60	39909720	316.99
7.64	103495199	854.78

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

R.T.	Response	Conc
5.63	5281810	58.33
5.90	38849259	280.29
5.95	19176101	135.59
6.14	56927469	331.43
6.56	65912316	393.70

(+) = Expected Retention Time

Quantitation Report (Qedit)

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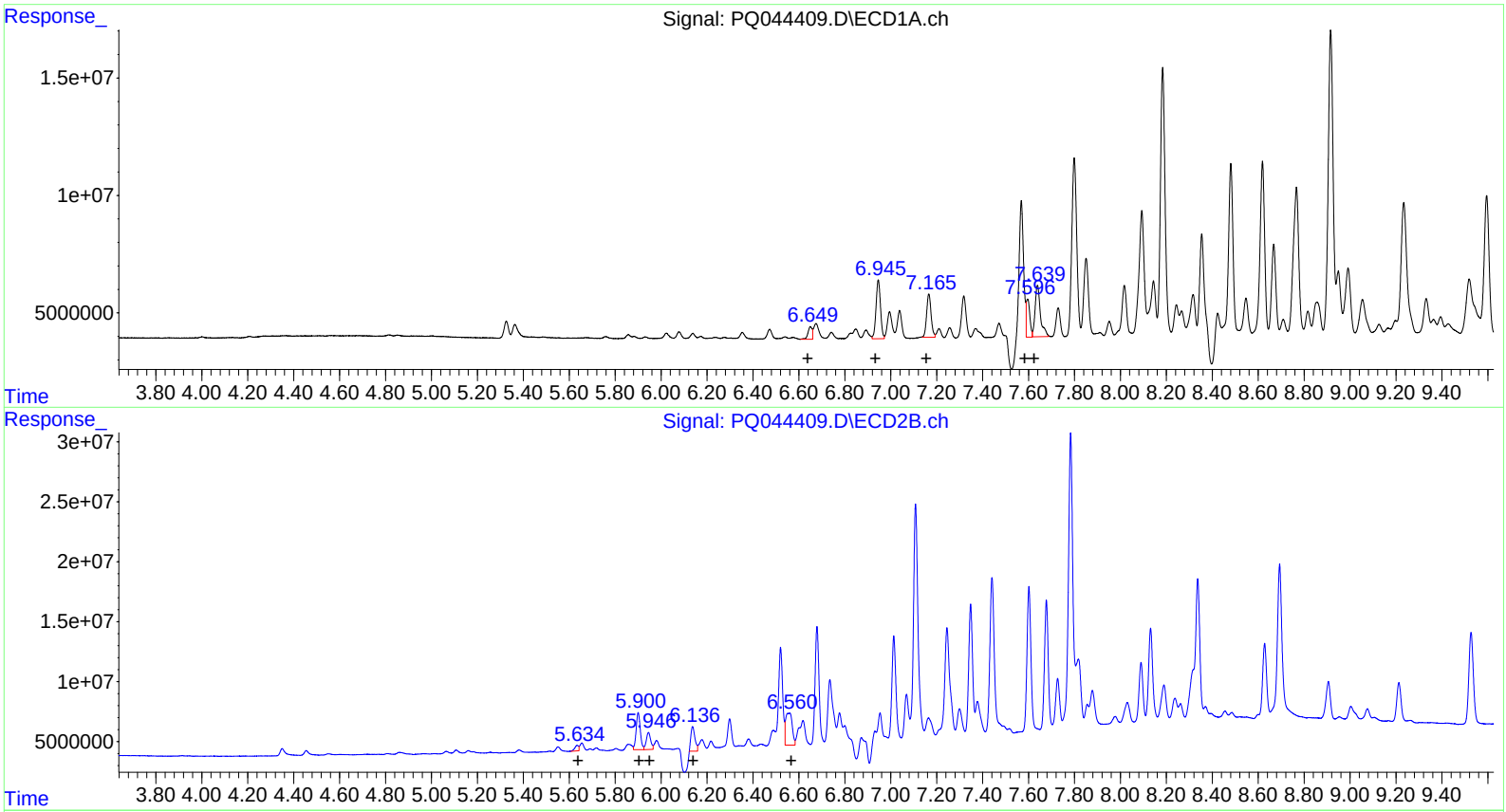

QEdit

(21) AR-1248-1 (L5)

R.T.	Response	Conc
6.65	6842237	93.25
6.95	33670113	339.90
7.17	25010074	231.58
7.60	16423695	130.45
7.64	35283862	291.41

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

R.T.	Response	Conc
5.63	5281810	58.33
5.90	38849259	280.29
5.95	19176101	135.59
6.14	25602750	149.06
6.56	51667074	308.61

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Misc :
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Manual Integrations APPROVED
Ankita
10/17/2019 1:11:30 PM

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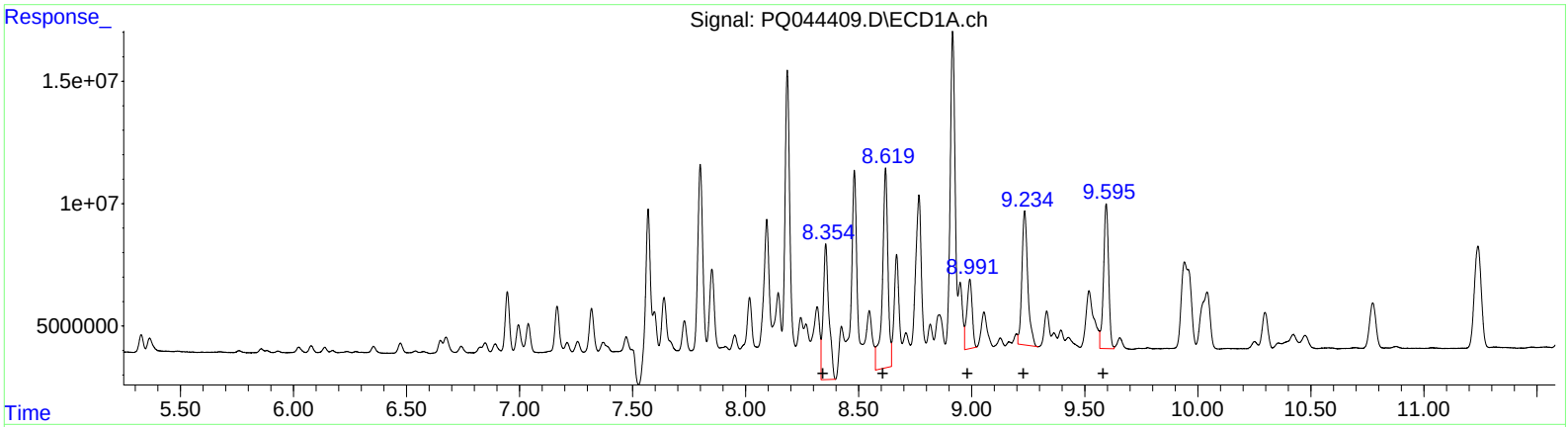

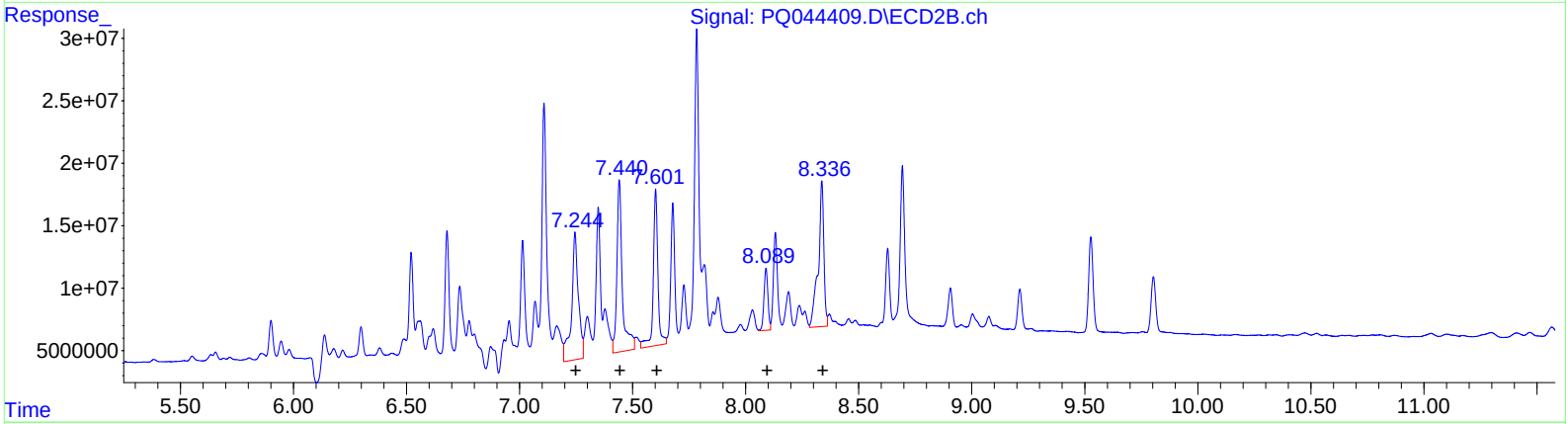

QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.35	96881179	643.59
8.62	137928302	700.82
8.99	46303090	288.79
9.23	98267488	503.28
9.59	92254825	201.79

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

R.T.	Response	Conc
7.24	211996369	871.90
7.44	229760654	761.16
7.60	178129441	632.97
8.09	60087242	238.85
8.34	200696102	313.13

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101619\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ESP12DL

Manual Integrations APPROVED
Ankita
10/17/2019 1:11:30 PM

Integration File signal 1: autoint1.e
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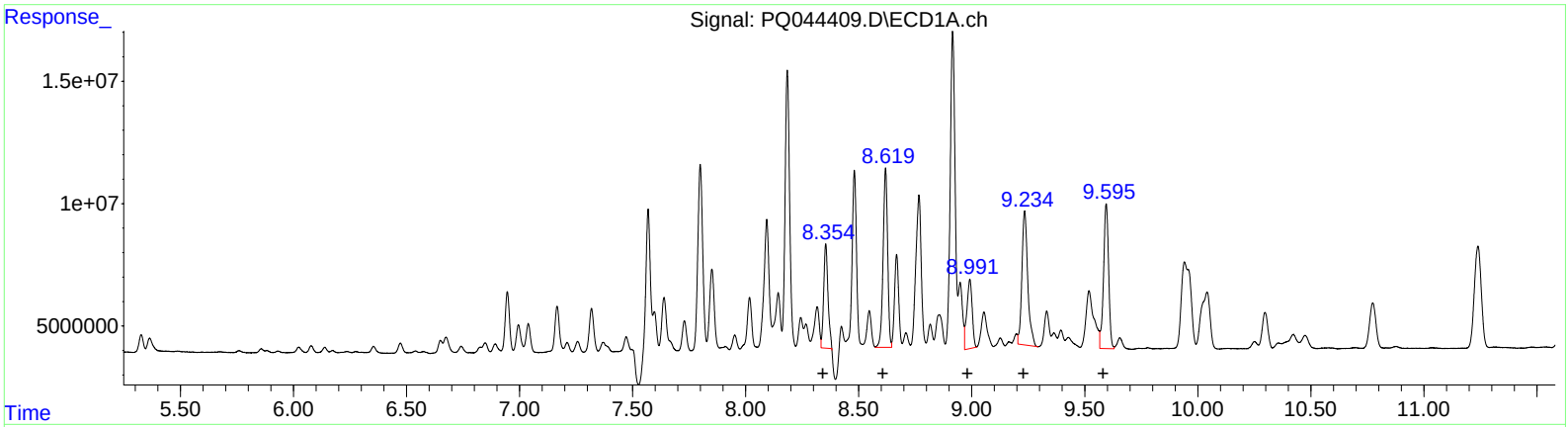
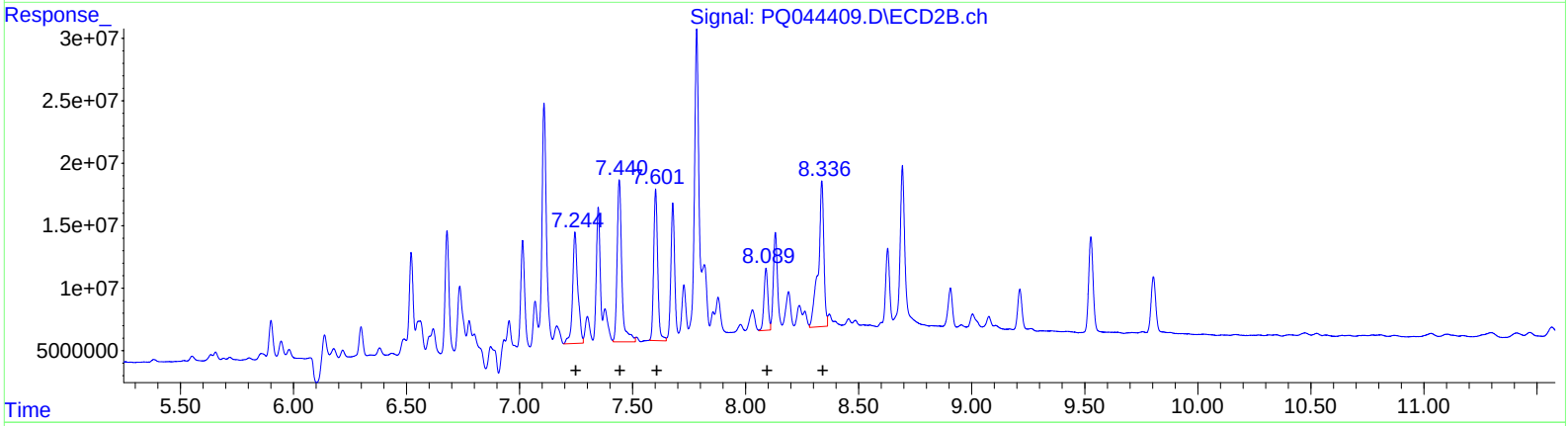
Response via : Initial Calibration
Integrator: ChemStation

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

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.35	56192130	373.29
8.62	101345330	514.94
8.99	46303090	288.79
9.23	98267488	503.28
9.59	92254825	201.79

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

R.T.	Response	Conc
7.24	143661668	590.85
7.44	187116571	619.89
7.60	150065349	533.24
8.09	60087242	238.85
8.34	200696102	313.13

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

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ALS Vial : 4 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...	5.327	4.350	9457790	9003594	2.433m	2.017
2)	SA Decachlor...	11.618	9.804	57799190	63559644	10.788	10.626
	Target Compounds						
21)	L5 AR-1248-1	6.650	5.635	6842237	5281810	93.248	58.329 #
22)	L5 AR-1248-2	6.946	5.900	33670113	38849259	339.896	280.287
23)	L5 AR-1248-3	7.165	5.945	25010074	19176101	231.578m	135.592 #
24)	L5 AR-1248-4	7.596	6.136	16423695	25602750	130.448m	149.057m
25)	L5 AR-1248-5	7.639	6.560	35283862	51667074	291.414m	308.608m
31)	L7 AR-1260-1	8.354	7.244	56192130	143.7E6	373.287m	590.853m#
32)	L7 AR-1260-2	8.619	7.440	101.3E6	187.1E6	514.938m	619.889m
33)	L7 AR-1260-3	8.992	7.601	46303090	150.1E6	288.794	533.244m#
34)	L7 AR-1260-4	9.234	8.090	98267488	60087242	503.280	238.848 #
35)	L7 AR-1260-5	9.595	8.337	92254825	200.7E6	201.789	313.133 #
41)	L9 AR-1268-1	9.941	8.628	102.6E6	78723412	143.481	81.620 #
42)	L9 AR-1268-2	10.041	8.693	63359287	192.0E6	93.233	211.154 #
43)	L9 AR-1268-3	10.297	8.906	26426326	40888348	46.041	53.978
44)	L9 AR-1268-4	10.774	9.213	35758446	41564497	124.116	127.112
45)	L9 AR-1268-5	11.239	9.527	89357698	105.3E6	41.101	40.427

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

AJ 10/22/19

Instrument :
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ClientSampleId :
ESP12DL

Manual Integrations APPROVED
Ankita
10/17/2019 1:11:30 PM