

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 12:50
Operator : SM\AJ
Sample : K4029-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

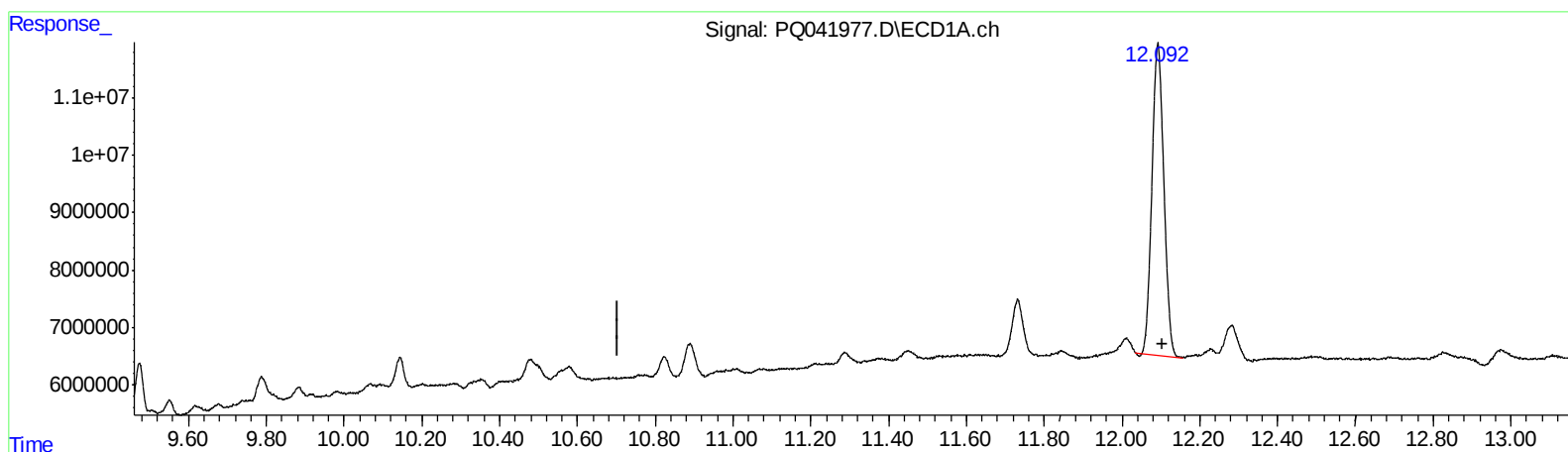
Instrument :
ECD_Q
ClientSampleId :
BENT6

Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 06:54:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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



(2) Decachlorobiphenyl (SA)

12.093min 13.614 ng/ml

response 114781256

(2) Decachlorobiphenyl #2 (SA)

10.510min 14.663 ng/ml

response 70929284

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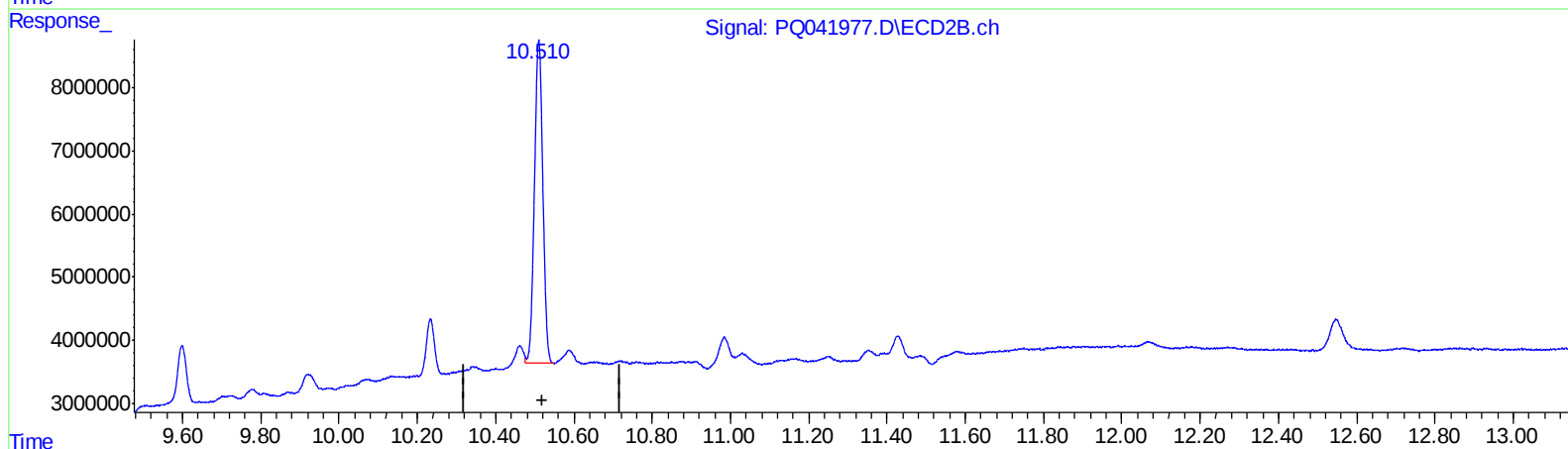
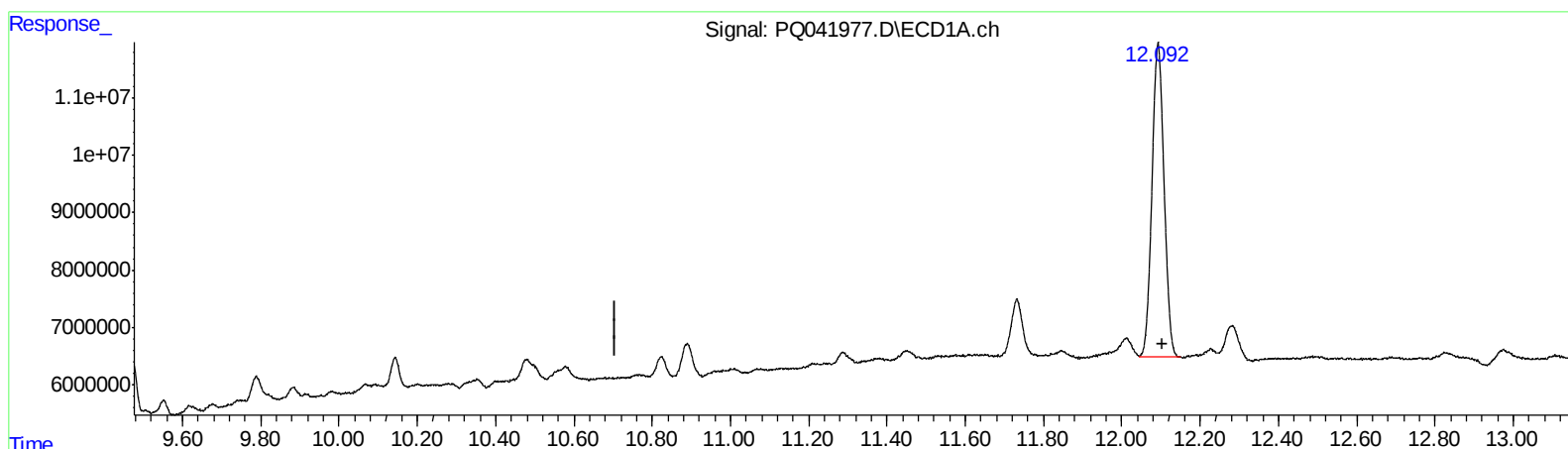
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QEdit

(2) Decachlorobiphenyl (SA)

12.092min 13.877 ng/ml m

response 117000208

(2) Decachlorobiphenyl #2 (SA)

10.510min 15.731 ng/ml m

response 76094141

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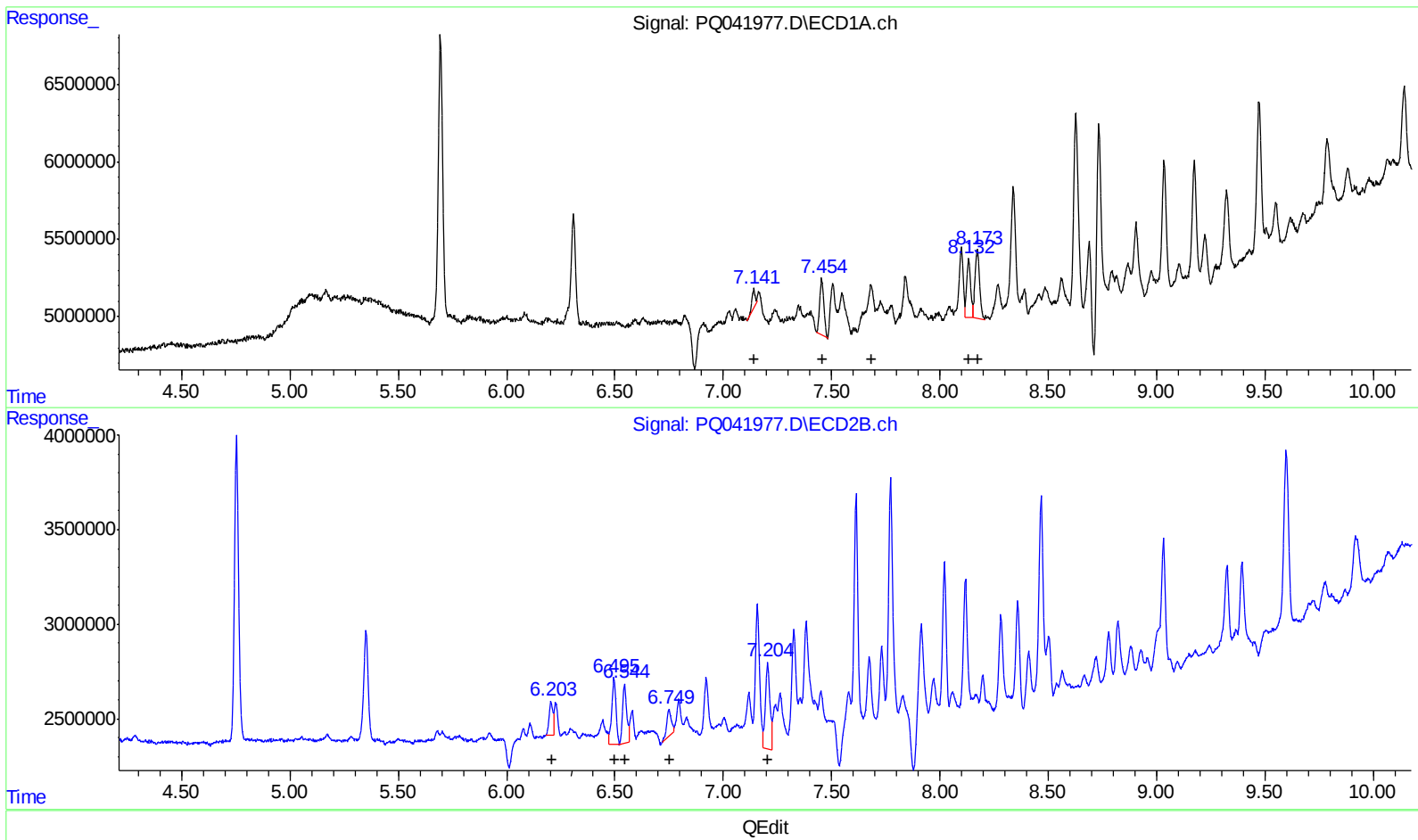
Instrument :
 ECD_Q
 ClientSampleId :
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(21) AR-1248-1 (L5)
 R.T. Response Conc
 7.14 1102855 14.88
 7.45 4965748 53.82
 0.00 0 0.00
 8.13 4626640 29.59
 8.17 6658979 44.00
 (21) AR-1248-1 #2 (L5)
 R.T. Response Conc
 6.20 2011237 30.33
 6.50 4439519 50.92
 6.54 4038835 45.25
 6.75 2206066 20.03
 7.20 6705525 52.32

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 12:50
Operator : SM\AJ
Sample : K4029-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

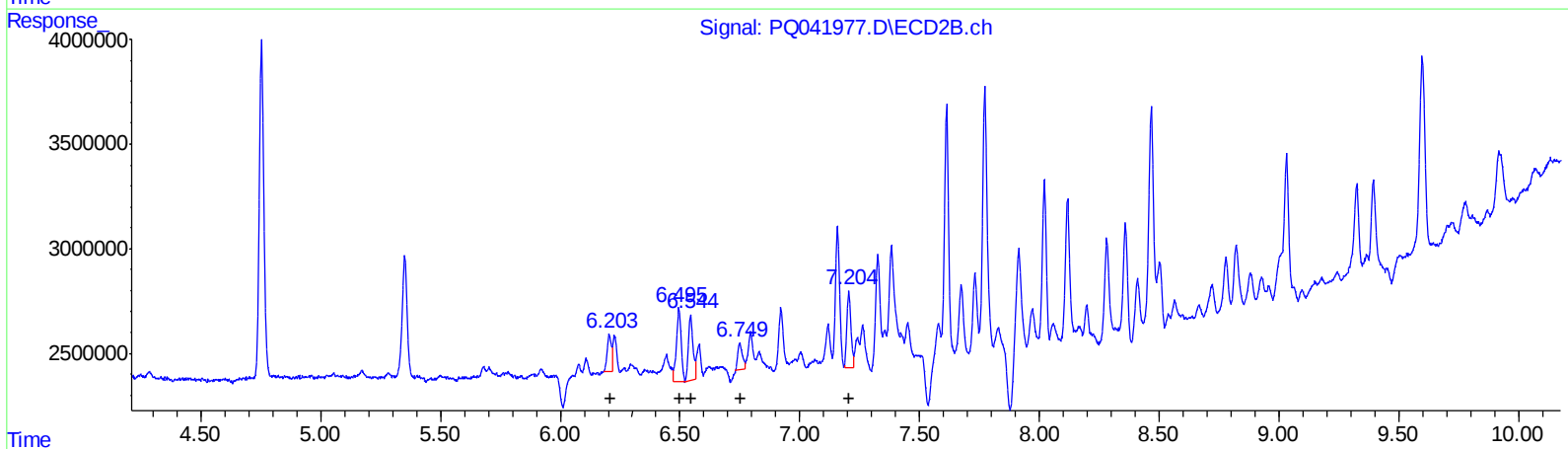
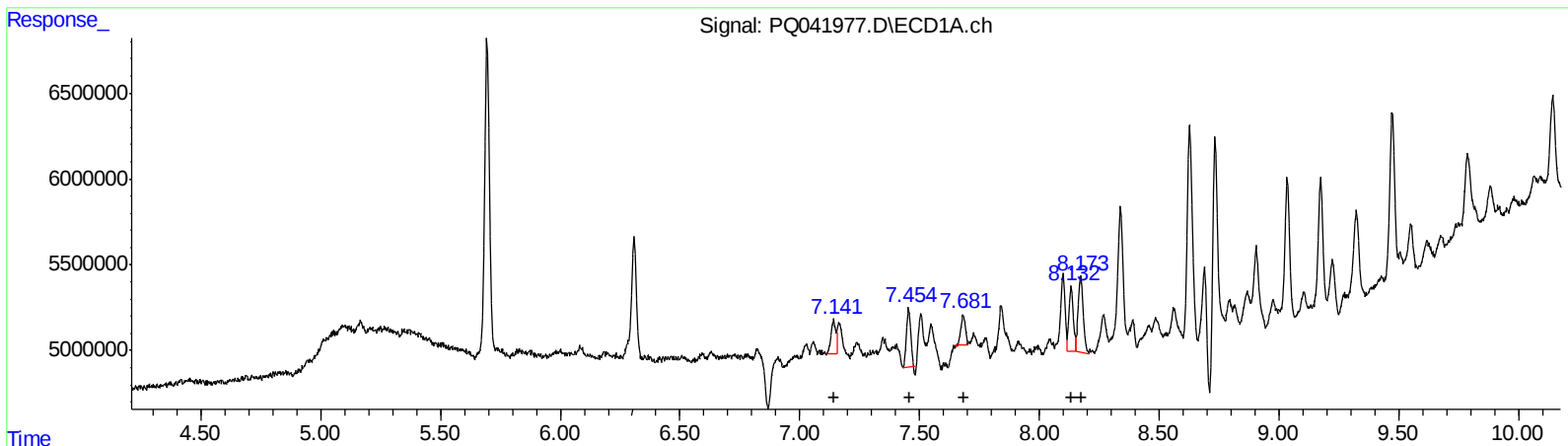
Instrument :
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Integrator: ChemStation

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



QEdit

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

R.T.	Response	Conc
7.14	2657828	35.85
7.45	4282736	46.42
7.68	2283972	20.39
8.13	4626640	29.59
8.17	6658979	44.00

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

R.T.	Response	Conc
6.20	2011237	30.33
6.50	4439519	50.92
6.54	4038835	45.25
6.75	1721740	15.63
7.20	4466928	34.85

(+) = Expected Retention Time

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Acq On : 02 Aug 2019 12:50
Operator : SM\AJ
Sample : K4029-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

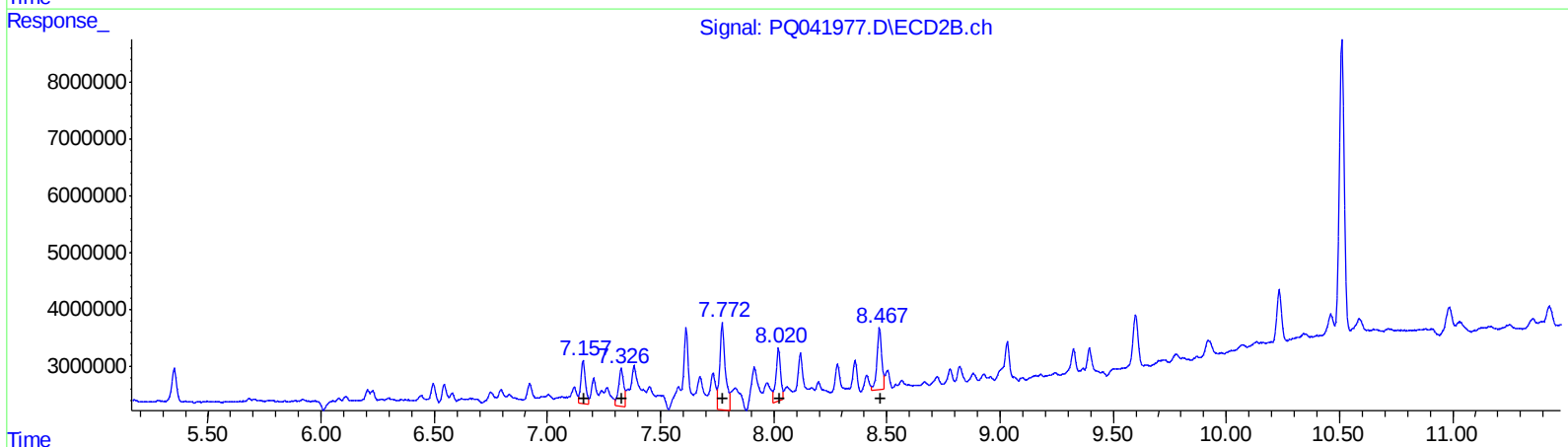
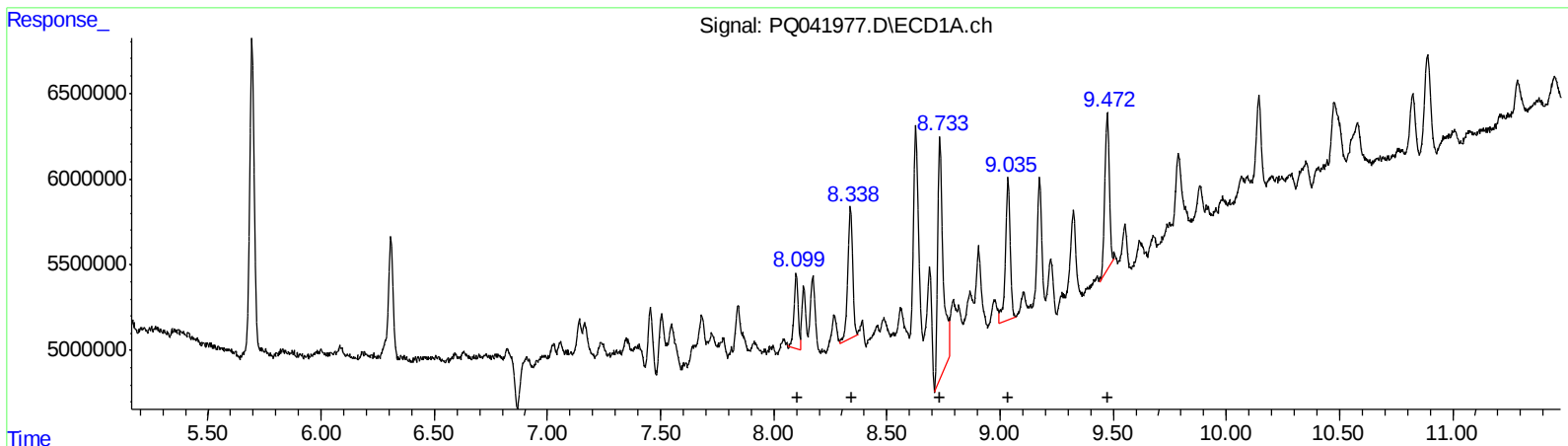
Instrument :
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ClientSampleId :
BENT6

Manual Integrations
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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



QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
8.10	5472562	39.34
8.34	11459182	50.07
8.73	23589197	86.27
9.04	11949383	48.54
9.47	12436500	45.92

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

R.T.	Response	Conc
7.16	10637470	58.16
7.33	10408421	64.30
7.77	26699217	92.57
8.02	13032197	60.04
8.47	15819951	52.60

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 12:50
Operator : SM\AJ
Sample : K4029-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

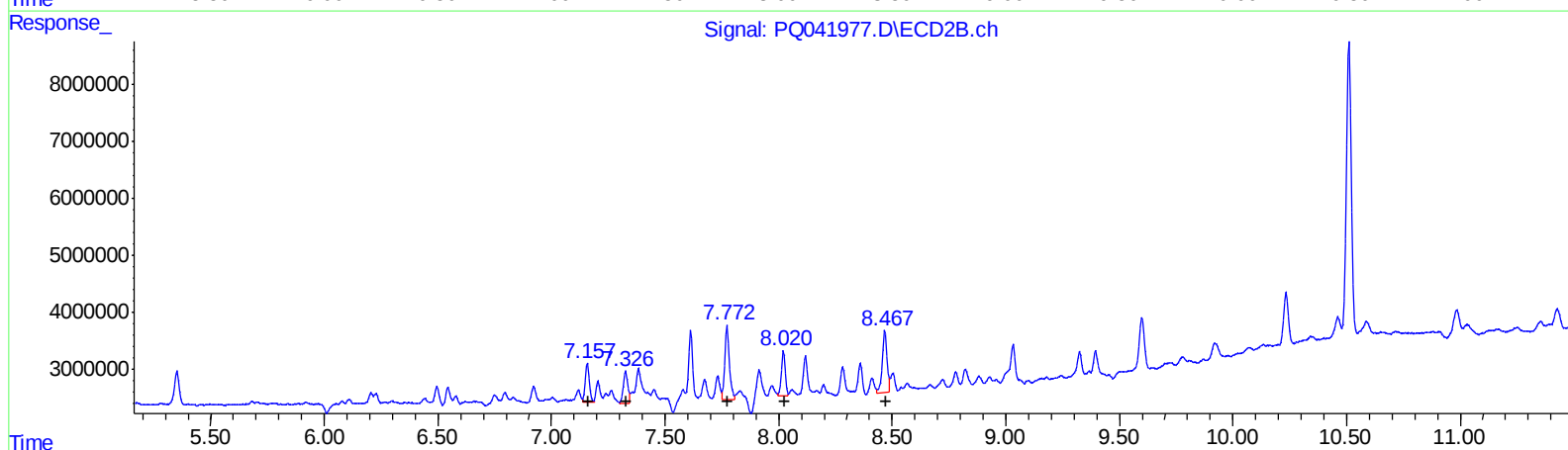
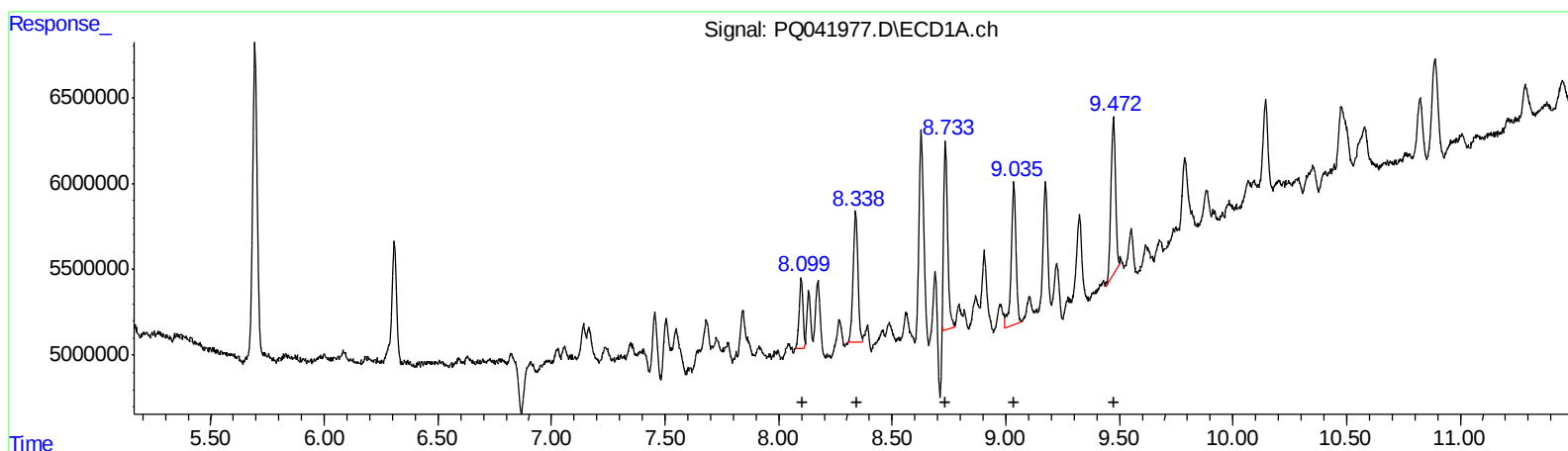
Instrument :
ECD_Q
ClientSampleId :
BENT6

Manual Integrations
APPROVED

Ankita
8/12/2019 9:05:21 AM

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



QEdit

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

R.T.	Response	Conc
8.10	4778991	34.35
8.34	11006184	48.09
8.73	13335626	48.77
9.04	11949383	48.54
9.47	12436500	45.92

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

R.T.	Response	Conc
7.16	8529530	46.64
7.33	7628657	47.13
7.77	18065363	62.64
8.02	9006871	41.49
8.47	15819951	52.60

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Sample : K4029-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

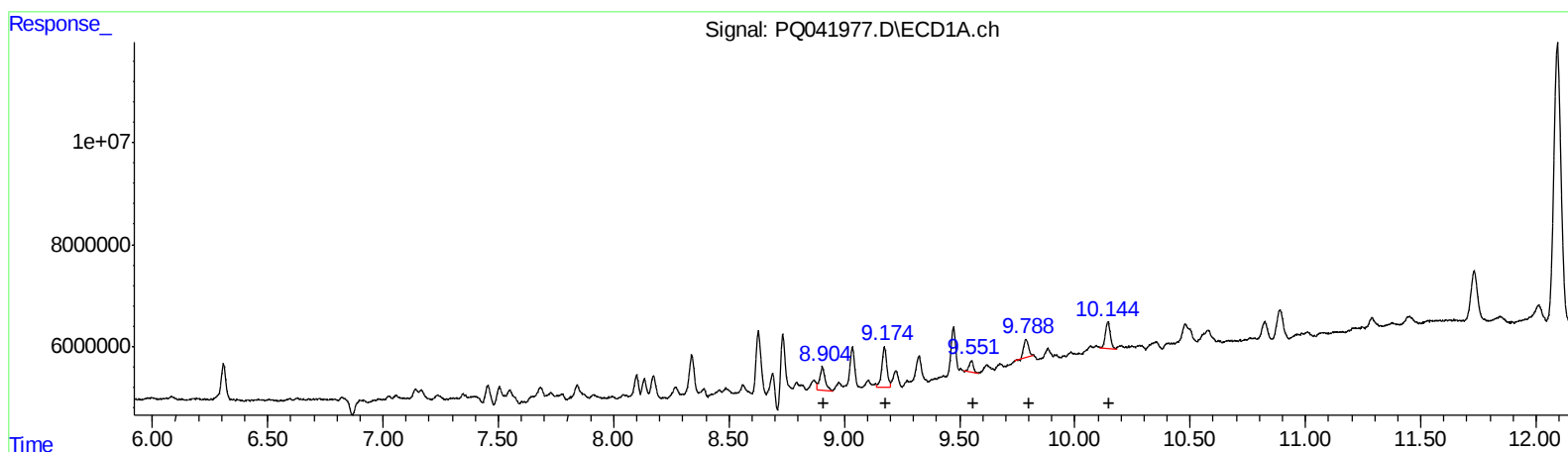
Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations
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Integrator: ChemStation

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



(31) AR-1260-1 (L7)
R.T. Response Conc
8.90 7553508 42.46
9.17 12236584 48.50
9.55 2963394 12.93
9.79 5266394 20.62
10.14 7523458 11.17
(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.91 15332873 84.51
8.12 10611651 43.25
8.28 6415046 30.15
8.78 3709617 18.34
9.03 13876661 23.51

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : K4029-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

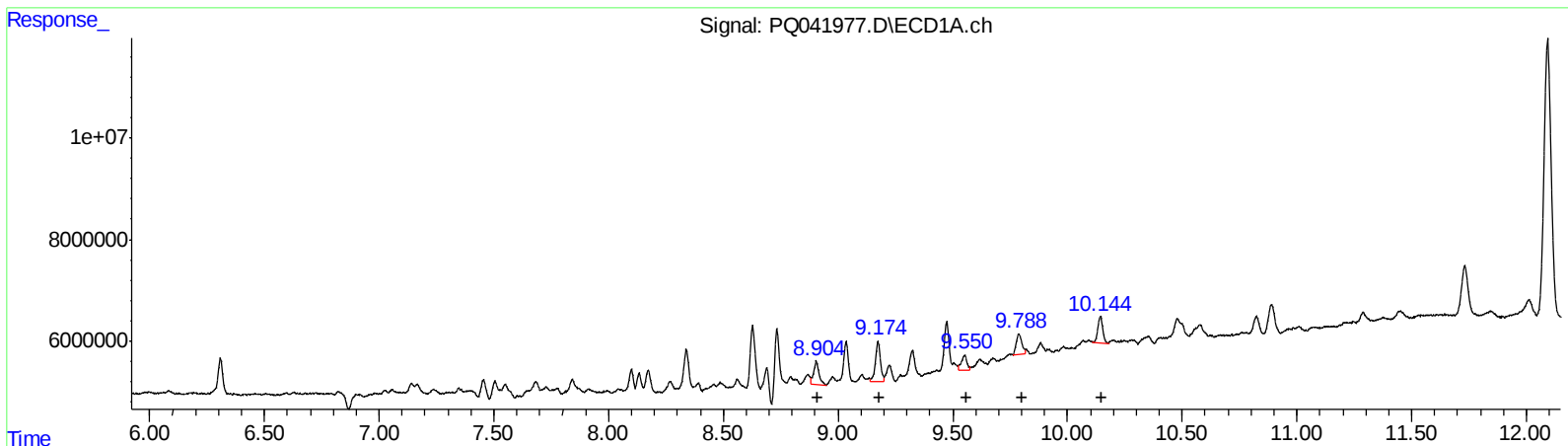
Instrument :
ECD_Q
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Manual Integrations
APPROVED

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Quant Title : GC EXTRACTABLES
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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



(31) AR-1260-1 #2 (L7)
R.T. Response Conc
8.90 7553508 42.46
9.17 12236584 48.50
9.55 5024108 21.93
9.79 6468365 25.33
10.14 7523458 11.17

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.91 10807255 59.57
8.12 8498849 34.64
8.28 6415046 30.15
8.78 3709617 18.34
9.03 9358280 15.86

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

1) SA Tetrachlo...	5.694	4.753	25095631	21369066	10.943	11.088
2) SA Decachlor...	12.092	10.510	117.0E6	76094141	13.877m	15.731m

Target Compounds

21) L5 AR-1248-1	7.141	6.204	2657828	2011237	35.851m	30.334
22) L5 AR-1248-2	7.454	6.496	4282736	4439519	46.419m	50.919
23) L5 AR-1248-3	7.681	6.544	2283972	4038835	20.385m	45.250 #
24) L5 AR-1248-4	8.133	6.749	4626640	1721740	29.590	15.632m#
25) L5 AR-1248-5	8.173	7.204	6658979	4466928	44.005	34.850m
26) L6 AR-1254-1	8.099	7.157	4778991	8529530	34.353m	46.639m#
27) L6 AR-1254-2	8.338	7.326	11006184	7628657	48.087m	47.128m
28) L6 AR-1254-3	8.733	7.772	13335626	18065363	48.772m	62.638m#
29) L6 AR-1254-4	9.036	8.020	11949383	9006871	48.540	41.492m
30) L6 AR-1254-5	9.474	8.468	12436500	15819951	45.917	52.598
31) L7 AR-1260-1	8.905	7.914	7553508	10807255	42.463	59.567m#
32) L7 AR-1260-2	9.175	8.118	12236584	8498849	48.505	34.642m#
33) L7 AR-1260-3	9.550	8.282	5024108	6415046	21.926m	30.149 #
34) L7 AR-1260-4	9.788	8.779	6468365	3709617	25.332m	18.338 #
35) L7 AR-1260-5	10.144	9.033	7523458	9358280	11.169	15.856m#

AJ
 08/12/19

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