

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 05:47
Operator : SM\AJ
Sample : K4029-19
Misc :
ALS Vial : 51 Sample Multiplier: 1

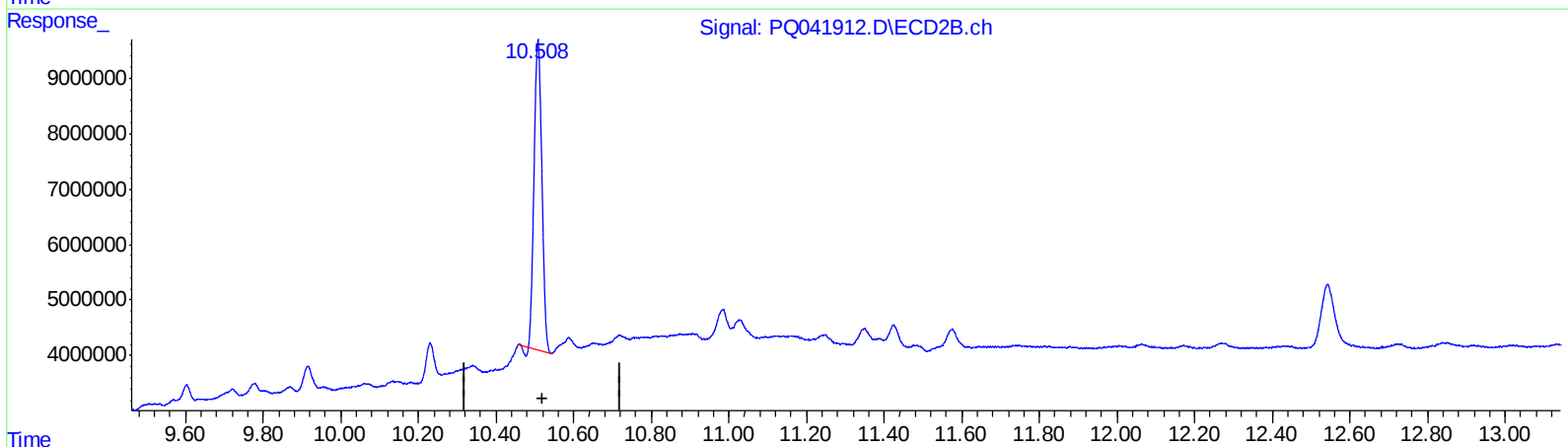
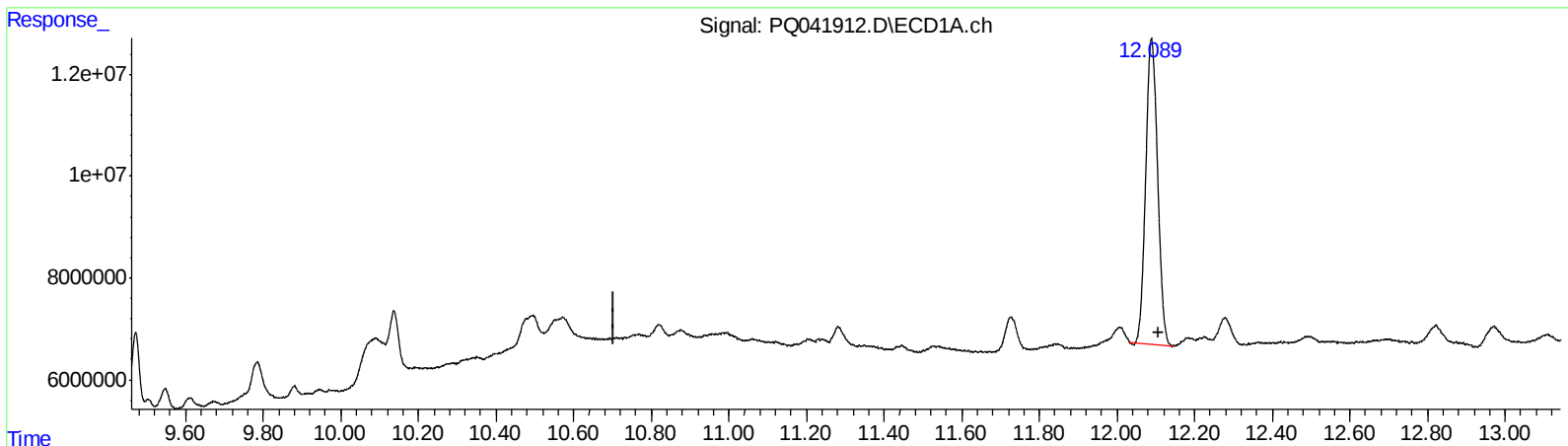
Instrument :
ECD_Q
ClientSampleId :
BENT8

Manual Integrations
APPROVED

Ankita
8/2/2019 1:51:52 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 07:10:55 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



QEdit

(2) Decachlorobiphenyl (SA)

12.088min 15.110 ng/ml

response 127394464

(2) Decachlorobiphenyl #2 (SA)

10.508min 15.985 ng/ml

response 77327497

(+) = Expected Retention Time

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Operator : SM\AJ
Sample : K4029-19
Misc :
ALS Vial : 51 Sample Multiplier: 1

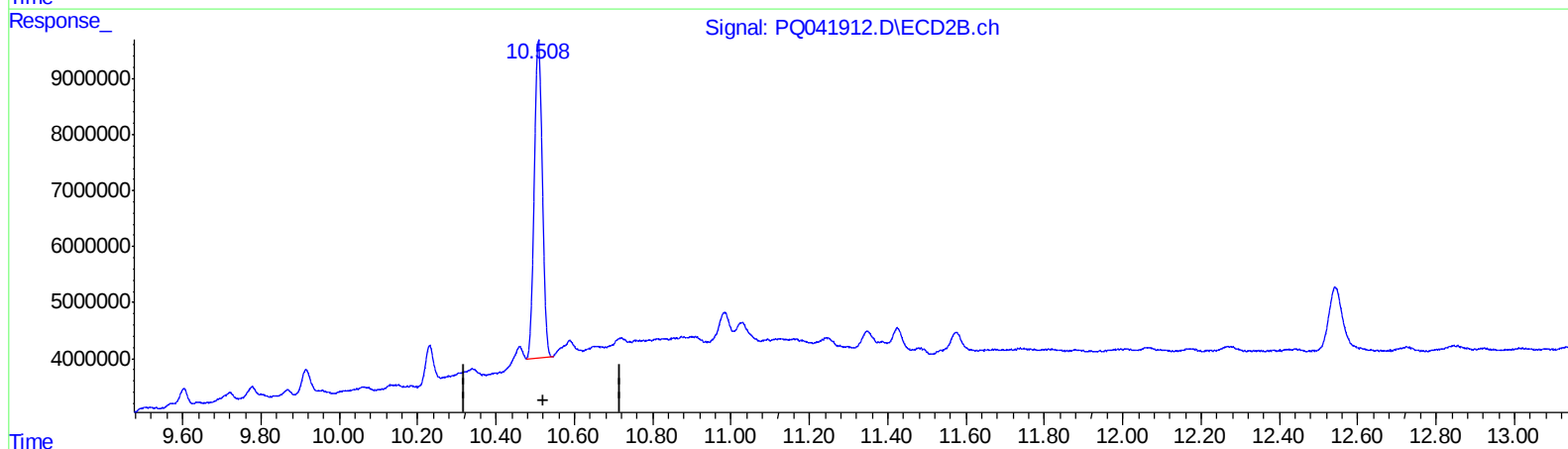
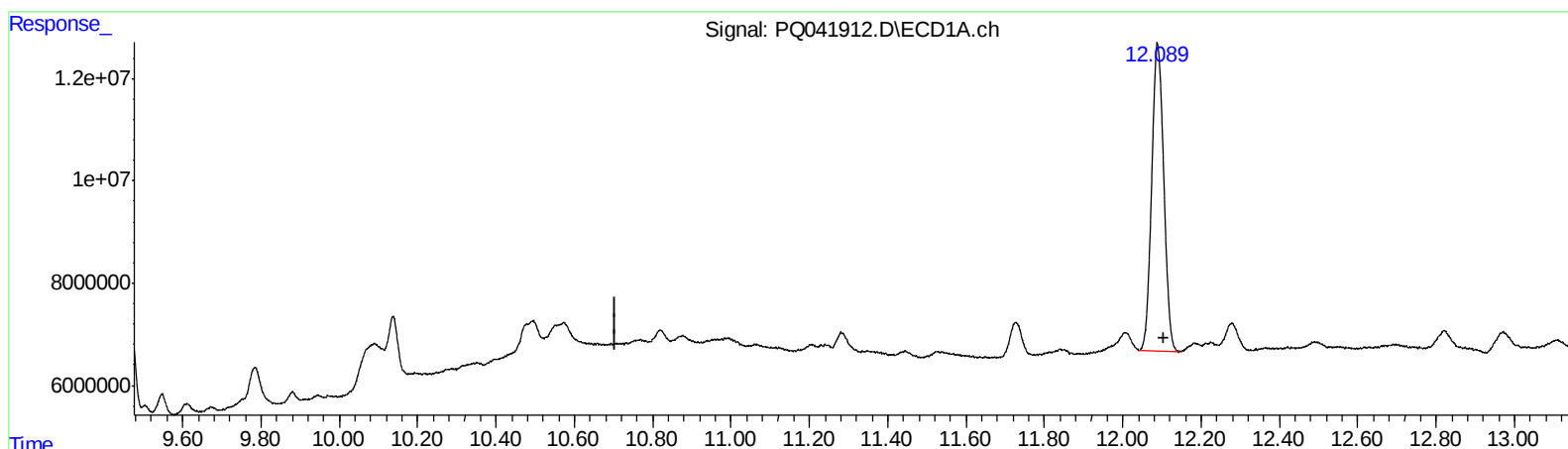
Instrument :
ECD_Q
ClientSampleId :
BENT8

Manual Integrations
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(2) Decachlorobiphenyl (SA)

12.089min 15.309 ng/ml m

response 129077438

(2) Decachlorobiphenyl #2 (SA)

10.508min 16.812 ng/ml m

response 81327065

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 Acq On : 01 Aug 2019 05:47
 Operator : SM\AJ
 Sample : K4029-19
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

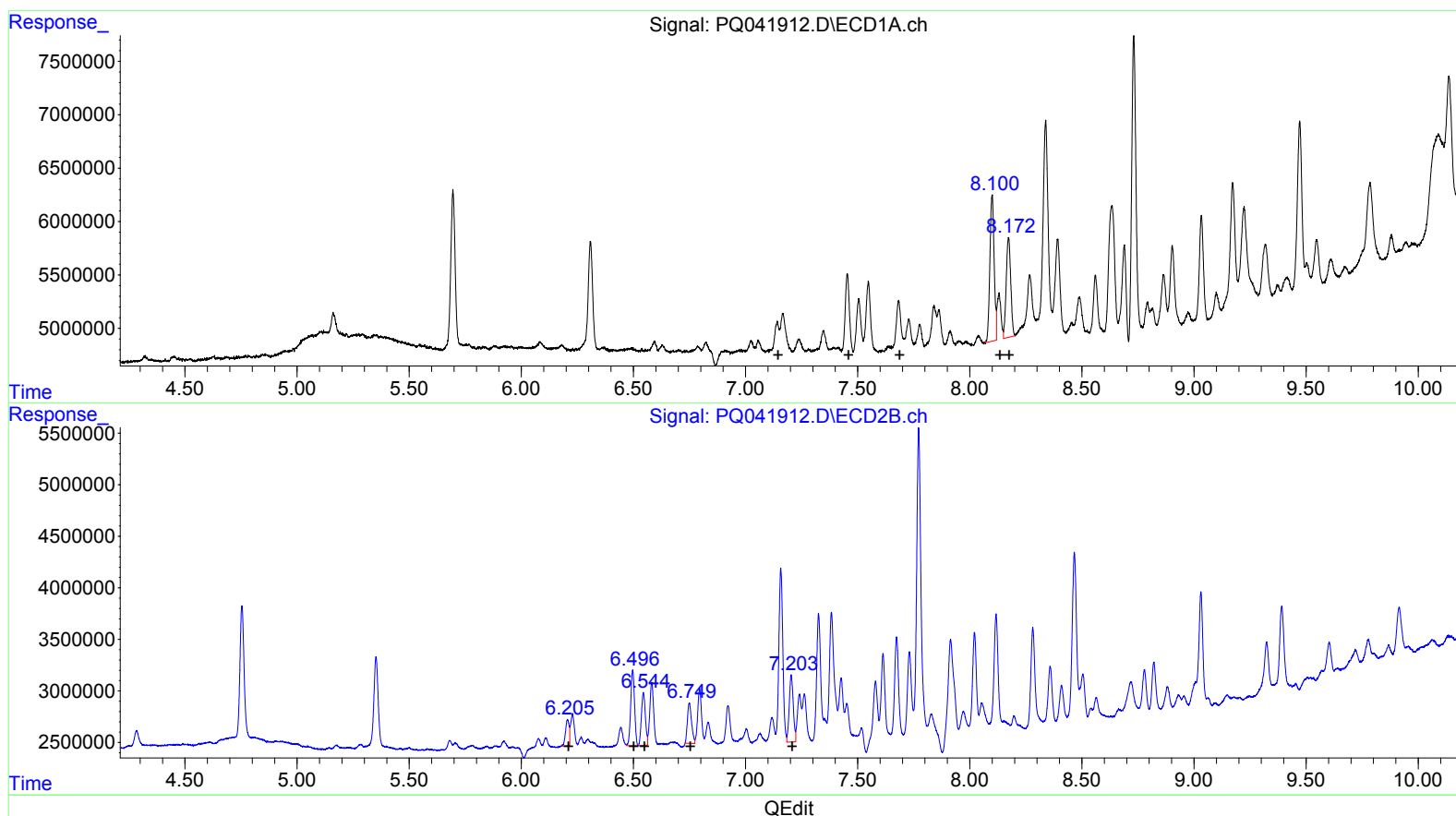
Instrument :
 ECD_Q
 ClientSampled :
 BENT8

Manual Integrations
 APPROVED

Ankita
 8/2/2019 1:51:52 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 07:41:54 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



(21) AR-1248-1 (L5)
 R.T. Response Conc
 0.00 0 0.00
 0.00 0 0.00
 0.00 0 0.00
 8.10 18031275 115.32
 8.17 13149323 86.90

(21) AR-1248-1 #2 (L5)
 R.T. Response Conc
 6.21 2813224 42.43
 6.50 8796269 100.89
 6.54 6245237 69.97
 6.75 4997407 45.37
 7.20 8059533 62.88

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 05:47
Operator : SM\AJ
Sample : K4029-19
Misc :
ALS Vial : 51 Sample Multiplier: 1

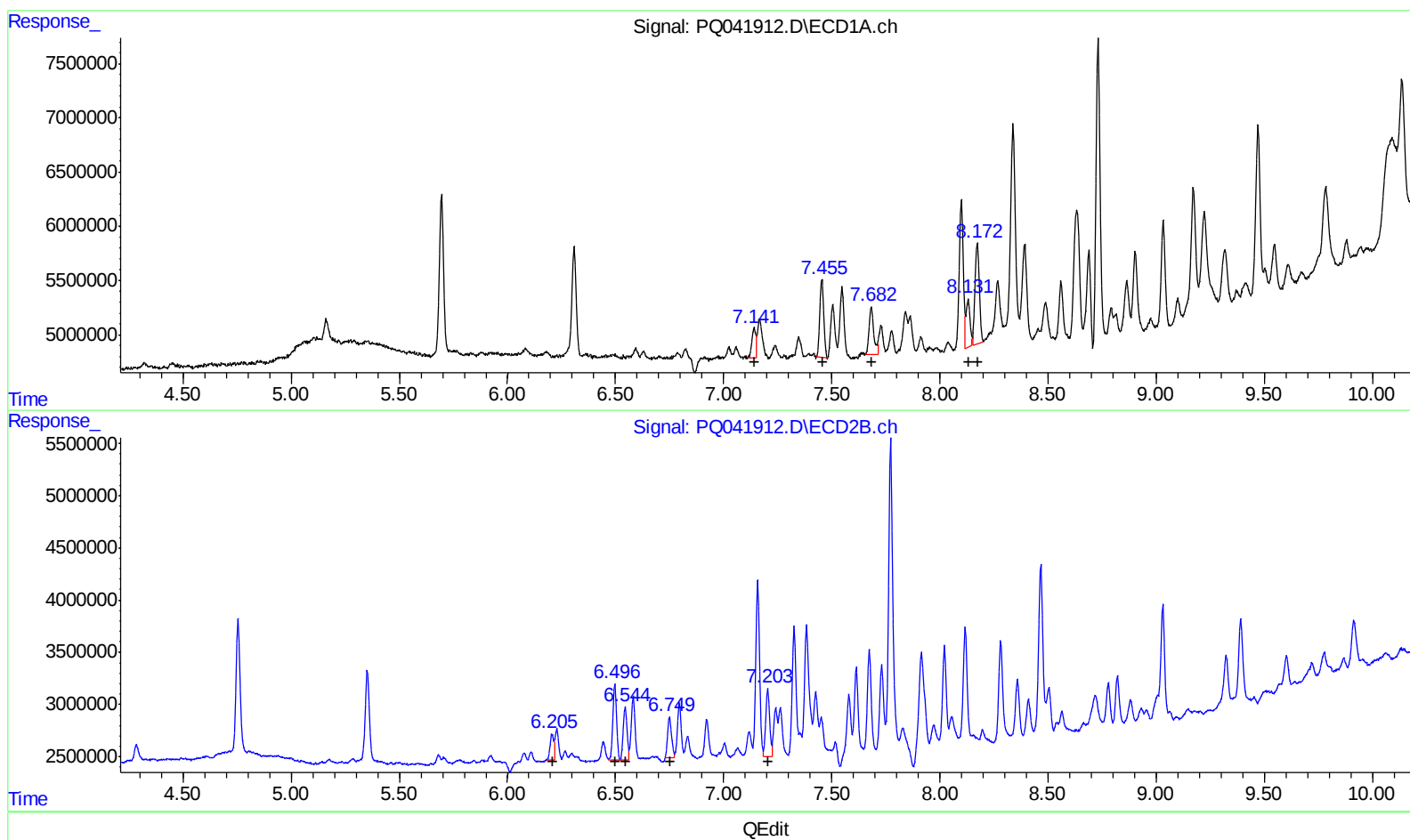
Instrument :
ECD_Q
ClientSampleId :
BENT8

Manual Integrations
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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



(21) AR-1248-1 #2 (L5)
R.T. Response Conc
7.14 3722460 50.21
7.45 9035271 97.93
7.68 6479227 57.83
8.13 5629661 36.00
8.17 13149323 86.90

(21) AR-1248-1 #2 (L5)
R.T. Response Conc
6.21 2813224 42.43
6.50 8796269 100.89
6.54 6245237 69.97
6.75 4997407 45.37
7.20 8059533 62.88

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
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 Acq On : 01 Aug 2019 05:47
 Operator : SM\AJ
 Sample : K4029-19
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

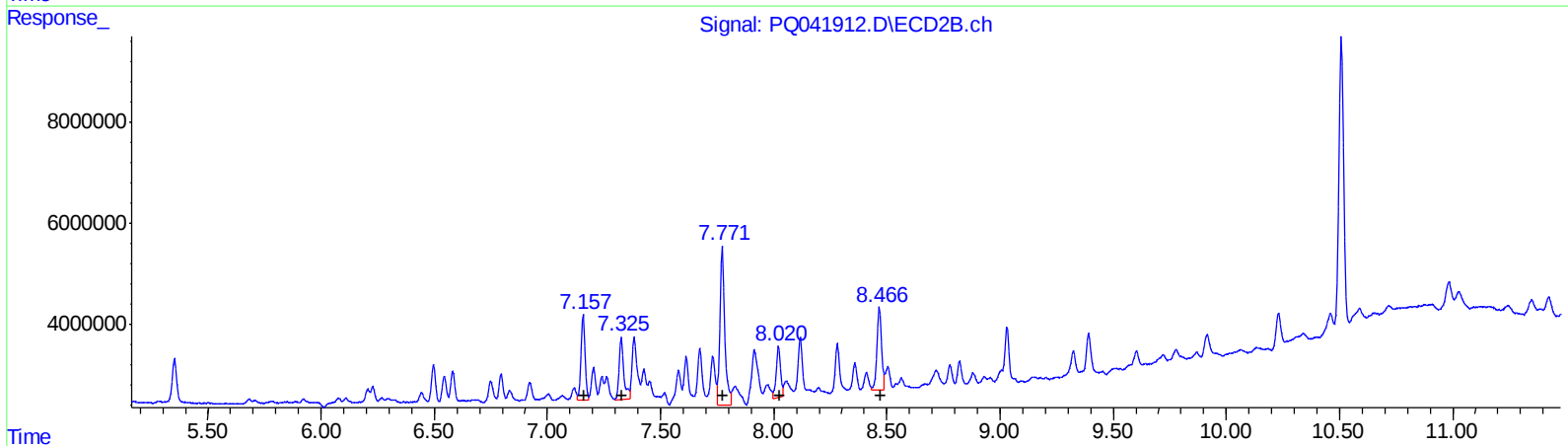
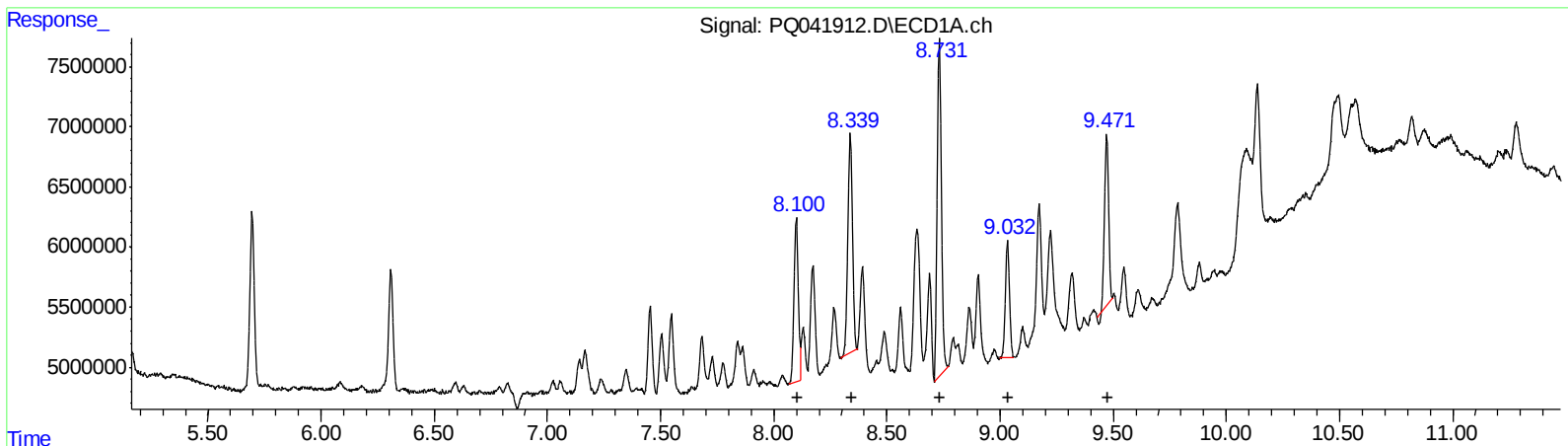
Instrument :
 ECD_Q
 ClientSampleId :
 BENT8

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 07:10:55 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



QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
8.10	18031275	129.61
8.34	26083276	113.96
8.73	36568639	133.74
9.03	12266048	49.83
9.47	17572036	64.88

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

R.T.	Response	Conc
7.16	21009285	114.88
7.33	17416052	107.59
7.77	46475891	161.15
8.02	13260596	61.09
8.47	22916262	76.19

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 05:47
 Operator : SM\AJ
 Sample : K4029-19
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

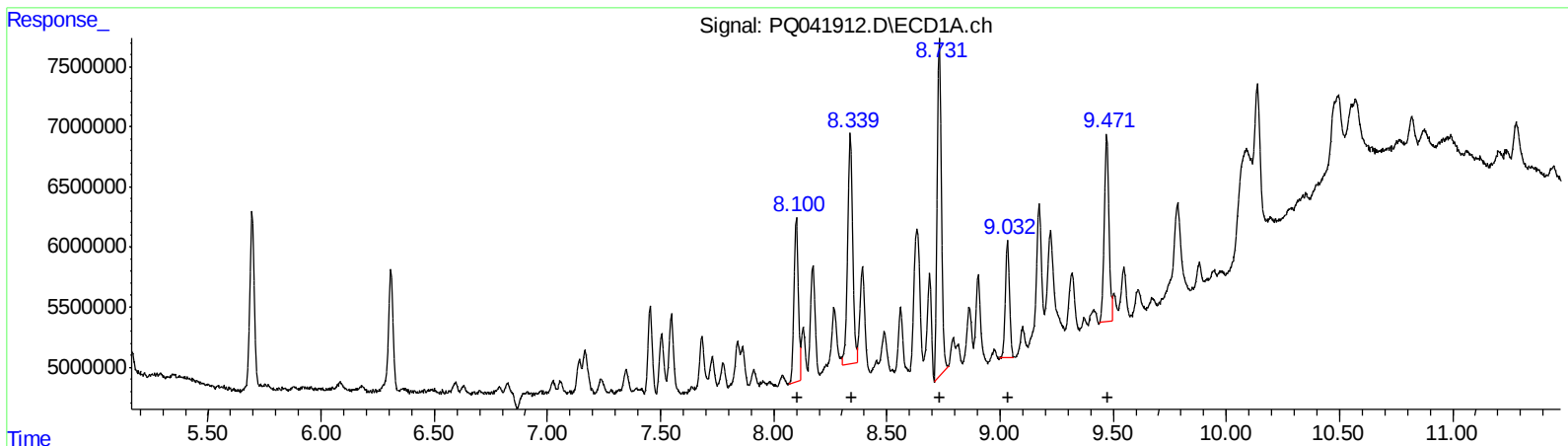
Instrument :
 ECD_Q
 ClientSampleId :
 BENT8

Manual Integrations
 APPROVED

Ankita
 8/2/2019 1:51:52 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 07:10:55 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



(26) AR-1254-1 #2 (L6)
 R.T. Response Conc
 8.10 18031275 129.61
 8.34 29799417 130.20
 8.73 36568639 133.74
 9.03 12266048 49.83
 9.47 22606086 83.46
 (26) AR-1254-1 #2 (L6)
 R.T. Response Conc
 7.16 21009285 114.88
 7.33 17416052 107.59
 7.77 42659377 147.91
 8.02 13260596 61.09
 8.47 22916262 76.19

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 05:47
Operator : SM\AJ
Sample : K4029-19
Misc :
ALS Vial : 51 Sample Multiplier: 1

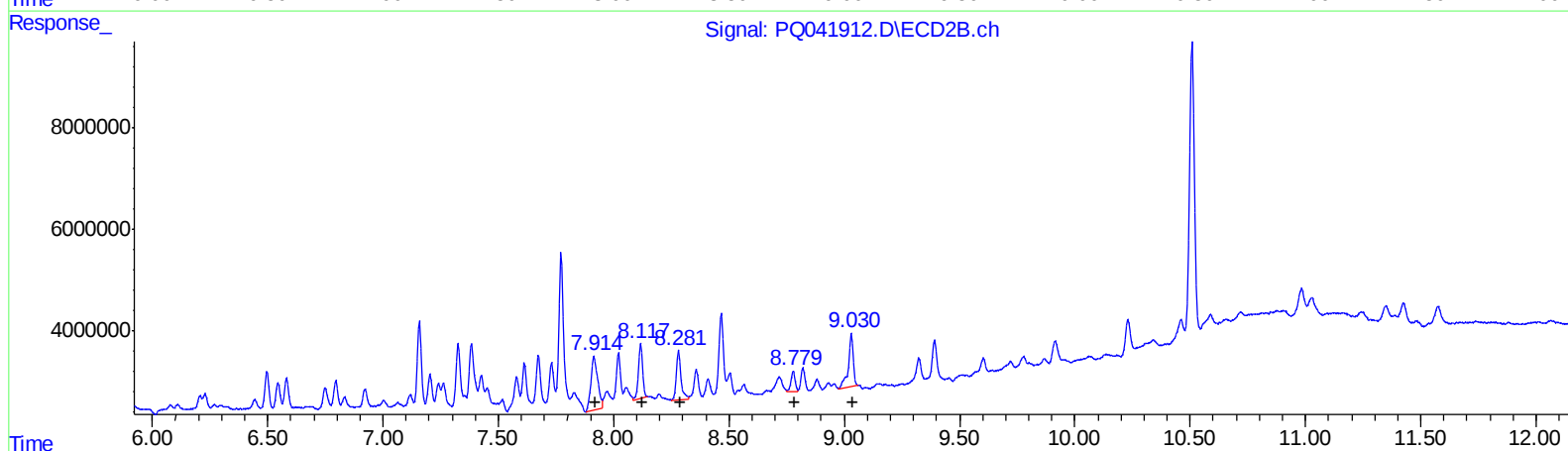
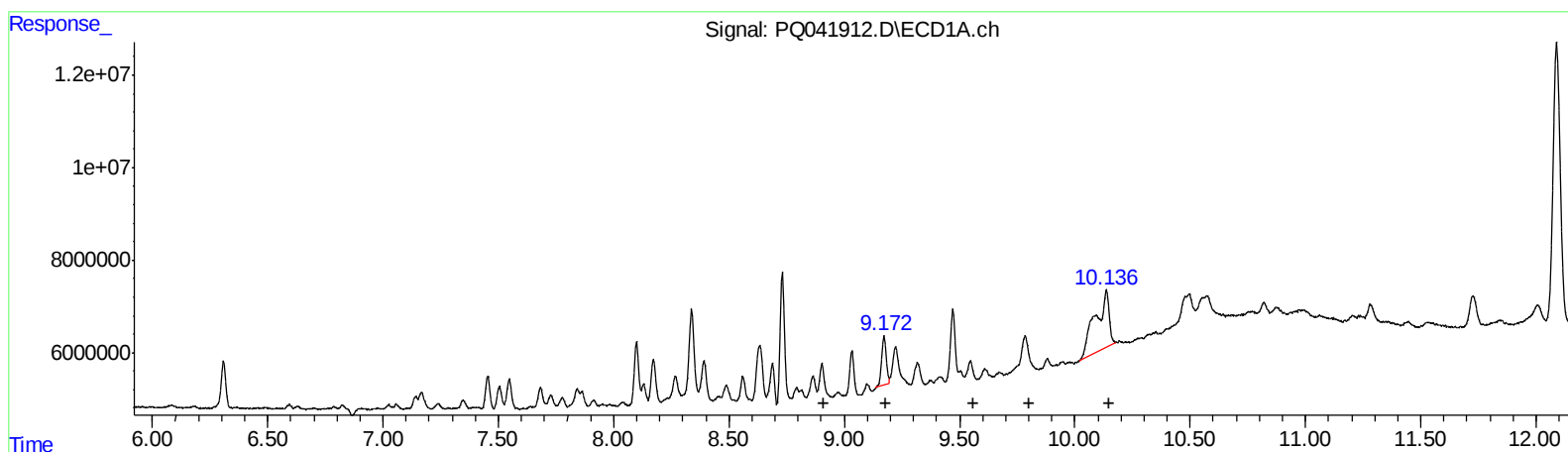
Instrument :
ECD_Q
ClientSampleId :
BENT8

Manual Integrations
APPROVED

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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

(31) AR-1260-1 (L7)
R.T. Response Conc
0.00 0 0.00
9.17 15100981 59.86
0.00 0 0.00
0.00 0 0.00
10.14 51617357 76.63
(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.91 21232137 117.03
8.12 13666514 55.71
8.28 13420244 63.07
8.78 5192037 25.67
9.03 15155727 25.68

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 05:47
Operator : SM\AJ
Sample : K4029-19
Misc :
ALS Vial : 51 Sample Multiplier: 1

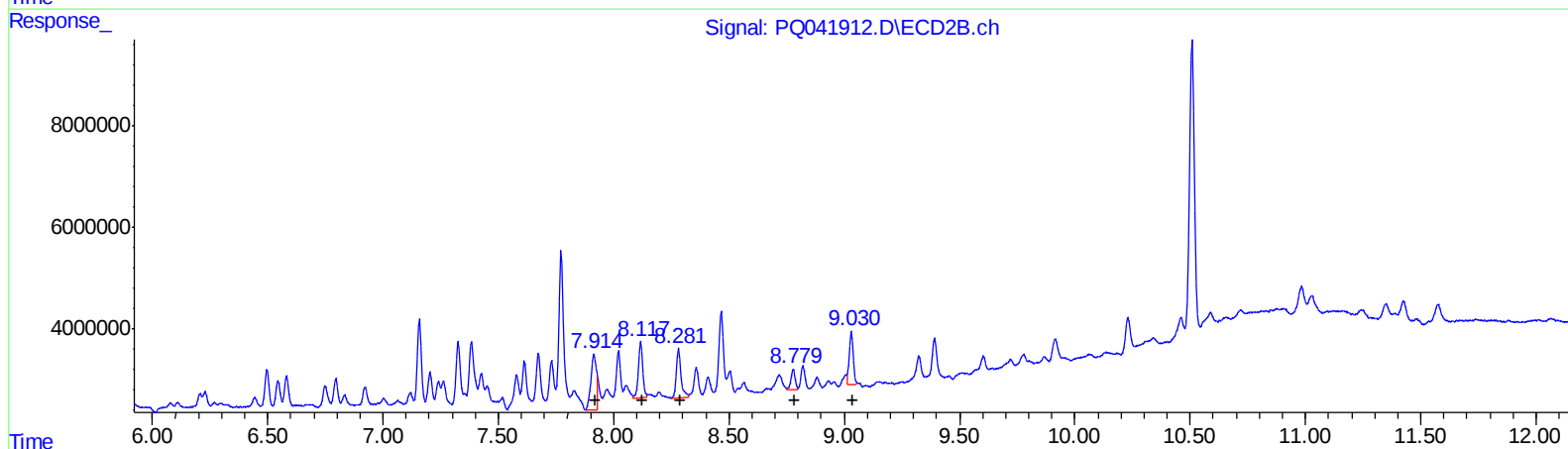
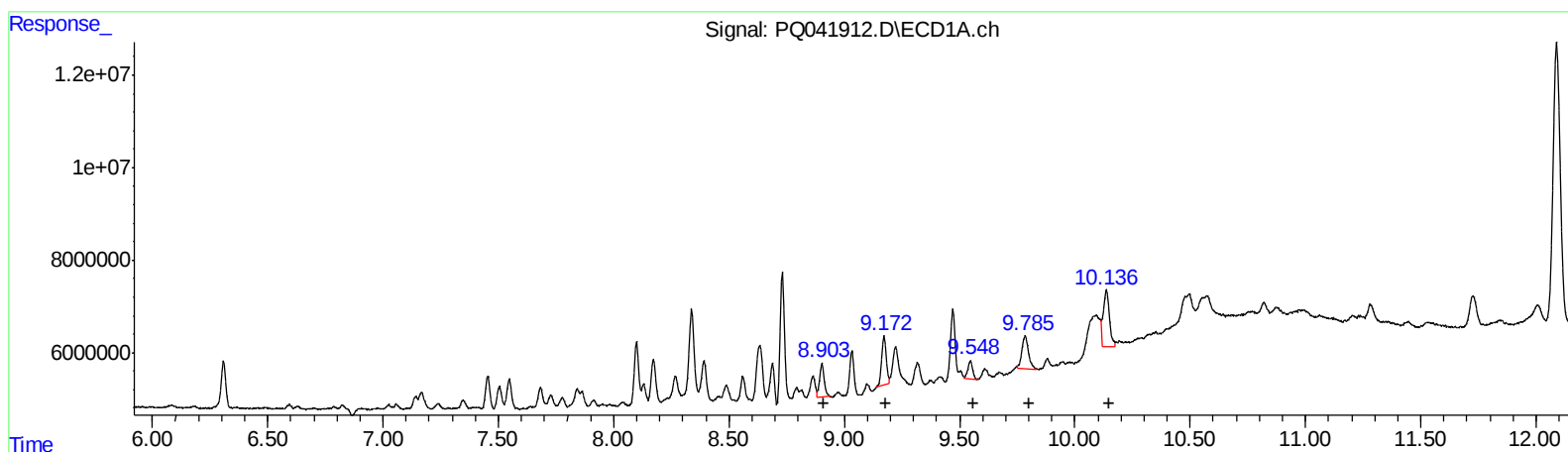
Instrument :
ECD_Q
ClientSampleId :
BENT8

Manual Integrations
APPROVED

Ankita
8/2/2019 1:51:52 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 07:10:55 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



QEdit

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

R.T.	Response	Conc
8.90	9930107	55.82
9.17	15100981	59.86
9.55	5865511	25.60
9.78	14384614	56.33
10.14	22264427	33.05

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

R.T.	Response	Conc
7.91	18513190	102.04
8.12	14420792	58.78
8.28	13420244	63.07
8.78	5192037	25.67
9.03	12714771	21.54

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041912.D
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 Acq On : 01 Aug 2019 05:47
 Operator : SM\AJ
 Sample : K4029-19
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENT8

Manual Integrations
 APPROVED

Ankita
 8/2/2019 1:51:52 PM

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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...	5.695	4.754	19232393	16816625	8.386	8.726
2) SA Decachlor...	12.089	10.508	129.1E6	81327065	15.309m	16.812m
Target Compounds						
21) L5 AR-1248-1	7.141	6.206	3722460	2813224	50.211m	42.429
22) L5 AR-1248-2	7.455	6.497	9035271	8796269	97.929m	100.889
23) L5 AR-1248-3	7.682	6.544	6479227	6245237	57.829m	69.970
24) L5 AR-1248-4	8.131	6.749	5629661	4997407	36.005m	45.373 #
25) L5 AR-1248-5	8.173	7.204	13149323	8059533	86.896	62.879 #
26) L6 AR-1254-1	8.100	7.157	18031275	21009285	129.614	114.877
27) L6 AR-1254-2	8.339	7.326	29799417	17416052	130.195m	107.592
28) L6 AR-1254-3	8.731	7.771	36568639	42659377	133.742	147.914m
29) L6 AR-1254-4	9.033	8.021	12266048	13260596	49.827	61.088
30) L6 AR-1254-5	9.471	8.467	22606086	22916262	83.465m	76.192
31) L7 AR-1260-1	8.903	7.914	9930107	18513190	55.823m	102.041m#
32) L7 AR-1260-2	9.172	8.117	15100981	14420792	59.859	58.780m
33) L7 AR-1260-3	9.547	8.281	5865511	13420244	25.599m	63.072 #
34) L7 AR-1260-4	9.785	8.779	14384614	5192037	56.335m	25.666 #
35) L7 AR-1260-5	10.136	9.030	22264427	12714771	33.053m	21.543m#

AS
 08/12/19

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