

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072021\
Data File : PQ053979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2021 12:04
Operator : AJ\MA
Sample : M3036-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

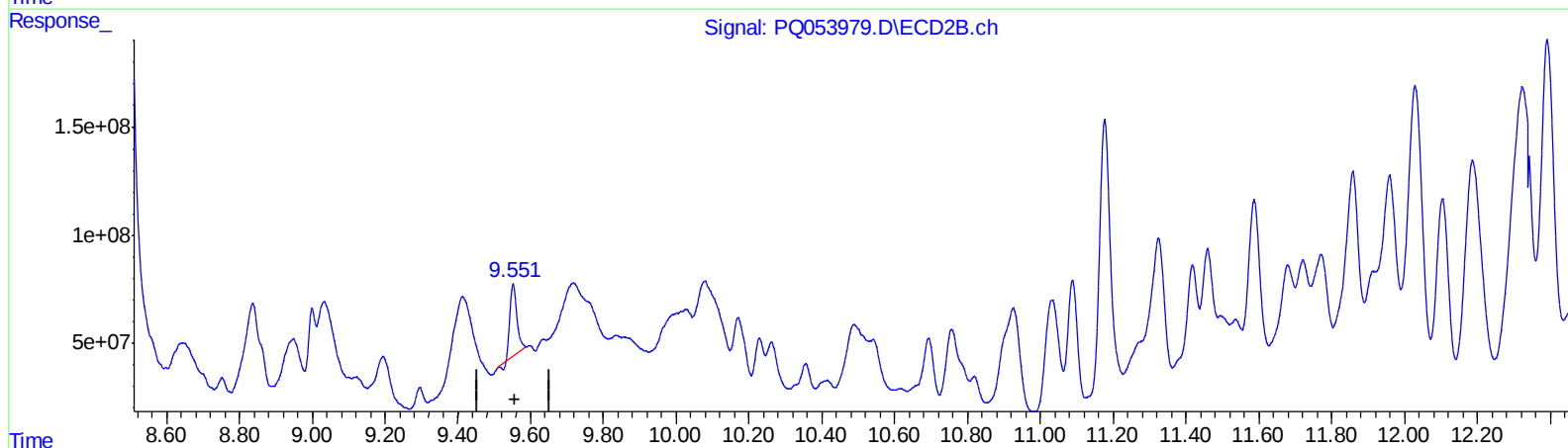
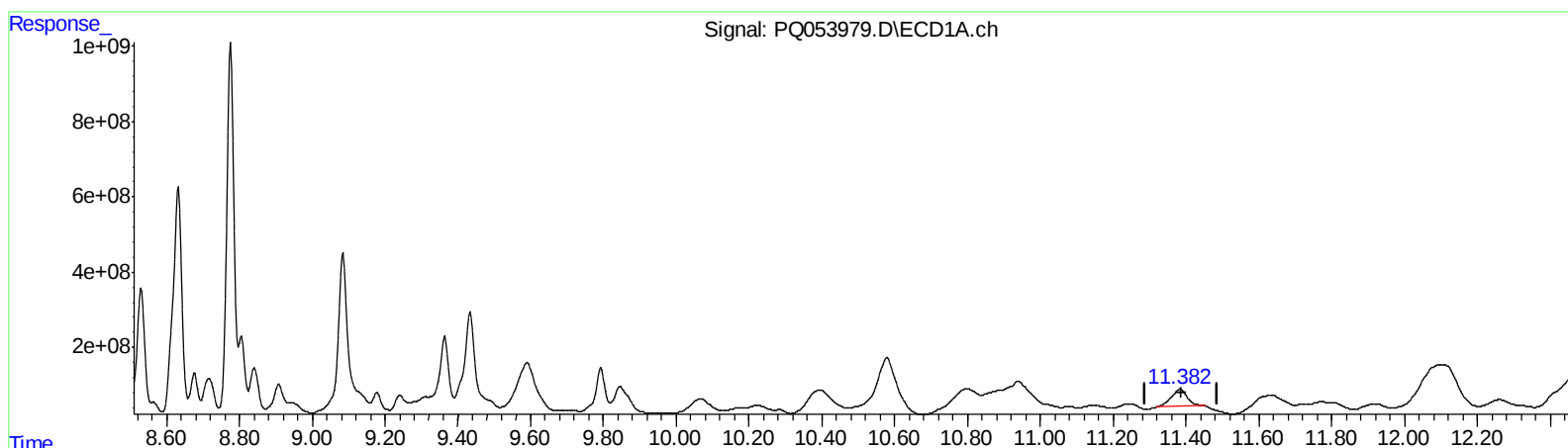
Instrument :
ECD_Q
ClientSampleId :
C0CW3MSD

Manual Integrations
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mohammad
7/21/2021 3:35:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 06:05:26 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 08 09:32:57 2021
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)

11.383min 85.231 ng/ml

response 1412825069

(2) Decachlorobiphenyl #2 (SA)

9.552min 36.574 ng/ml

response 430771727

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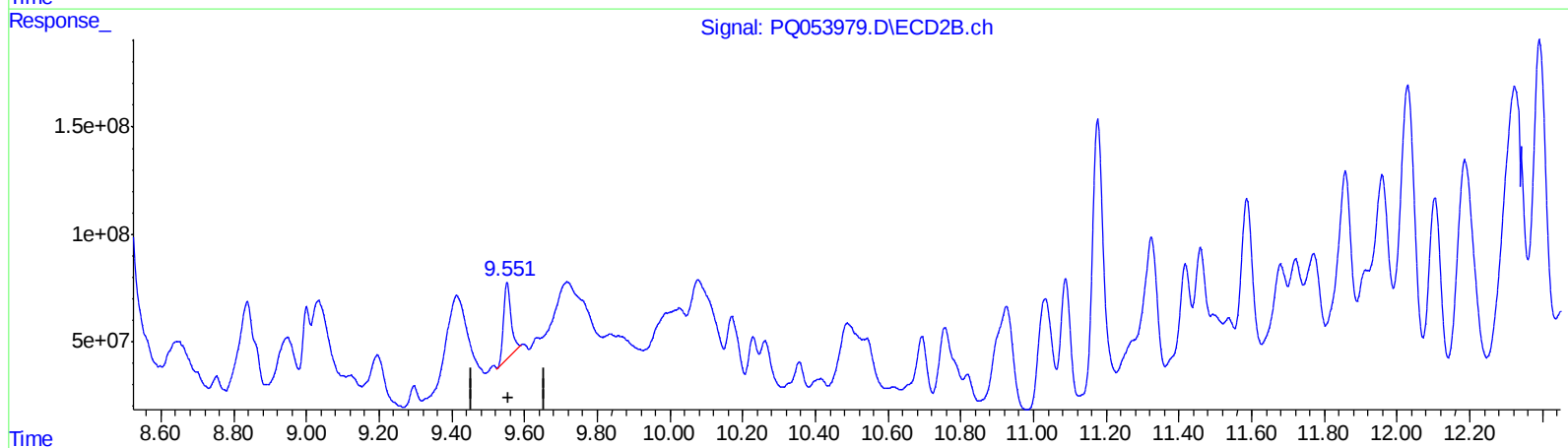
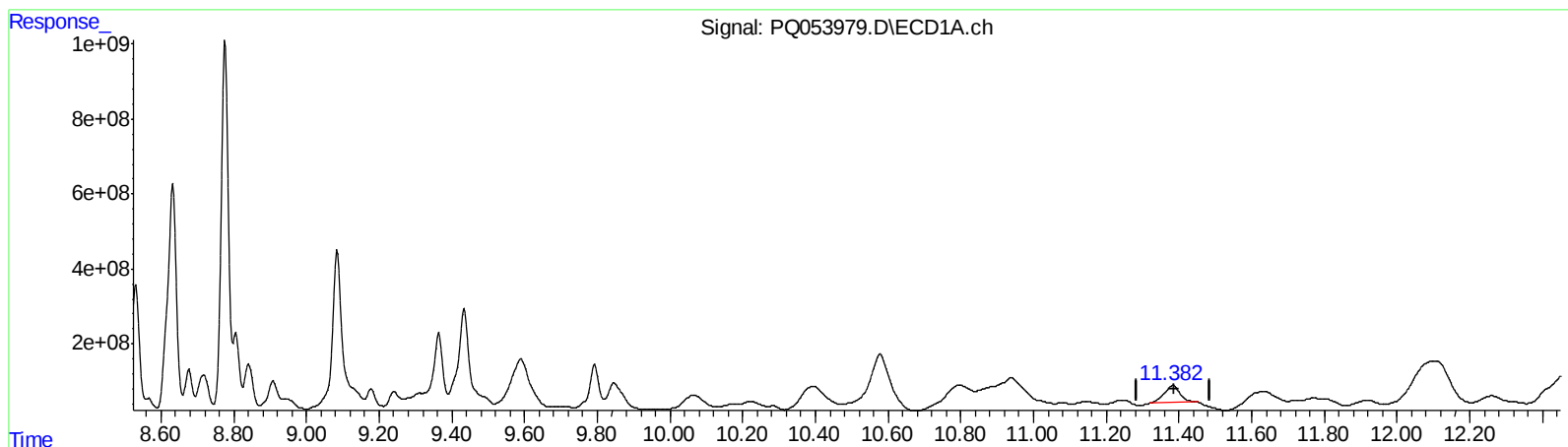
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11.383min 85.231 ng/ml

response 1412825069

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9.551min 42.870 ng/ml m

response 504924133

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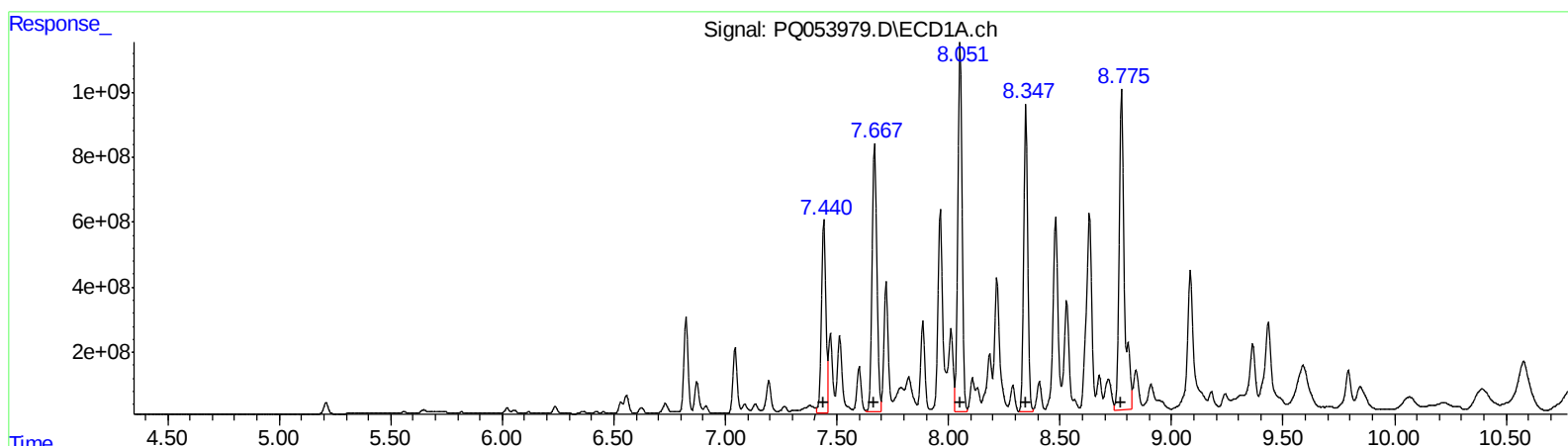
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(26) AR-1254-1 (L6)
 R.T. Response Conc
 7.44 8029088284 13315.05
 7.67 12514830589 13575.44
 8.05 15164531514 15276.28
 8.35 11756768452 16243.19
 8.78 16099693696 21423.57

(26) AR-1254-1 #2 (L6)
 R.T. Response Conc
 6.35 6706464946 12676.76
 6.51 6727378061 14355.57
 6.93 11241381993 15124.60
 7.17 9007037961 17764.79
 7.60 14628491117 21543.35

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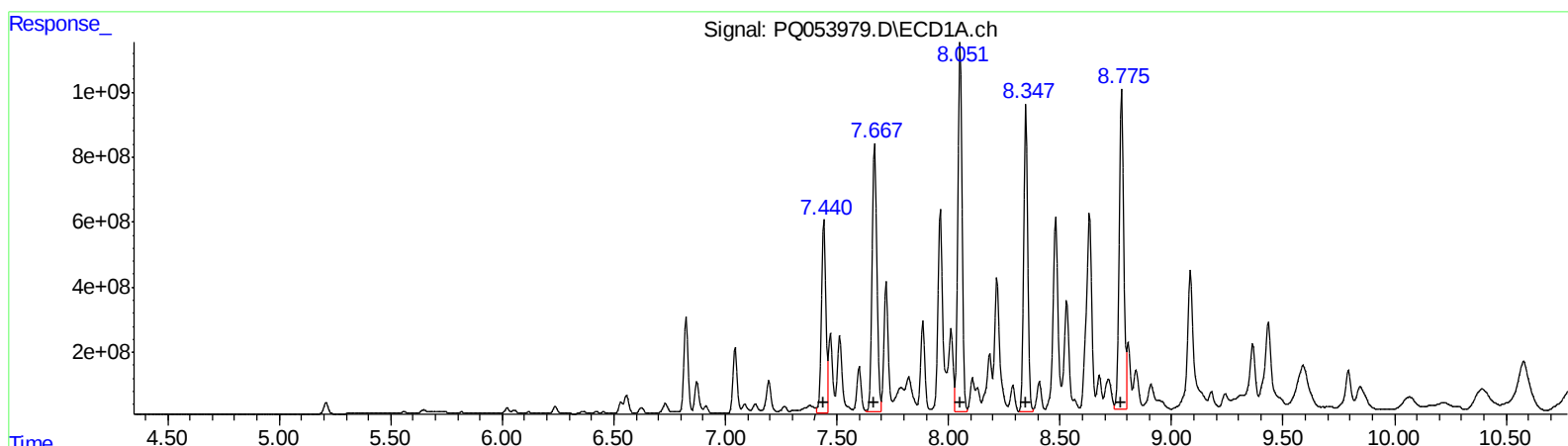
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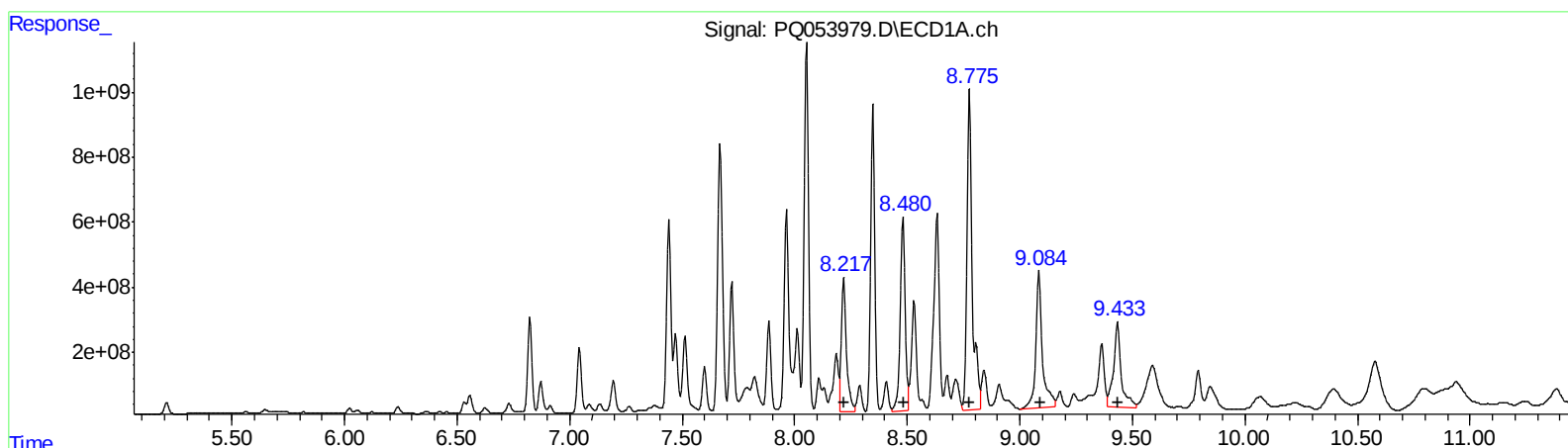
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(31) AR-1260-1 (L7)
 R.T. Response Conc
 8.22 6593757943 7430.74
 8.48 9138509929 8397.80
 8.78 16099693696 12869.96
 9.08 8651188637 9462.91
 9.43 6278081228 3400.47
 (31) AR-1260-1 #2 (L7)
 R.T. Response Conc
 7.06 6795852594 10445.90
 7.26 6020051928 6654.48
 7.41 4906356615 6508.11
 7.90 1397457699 2148.00
 8.14 3582359193 2002.46

(+) = Expected Retention Time

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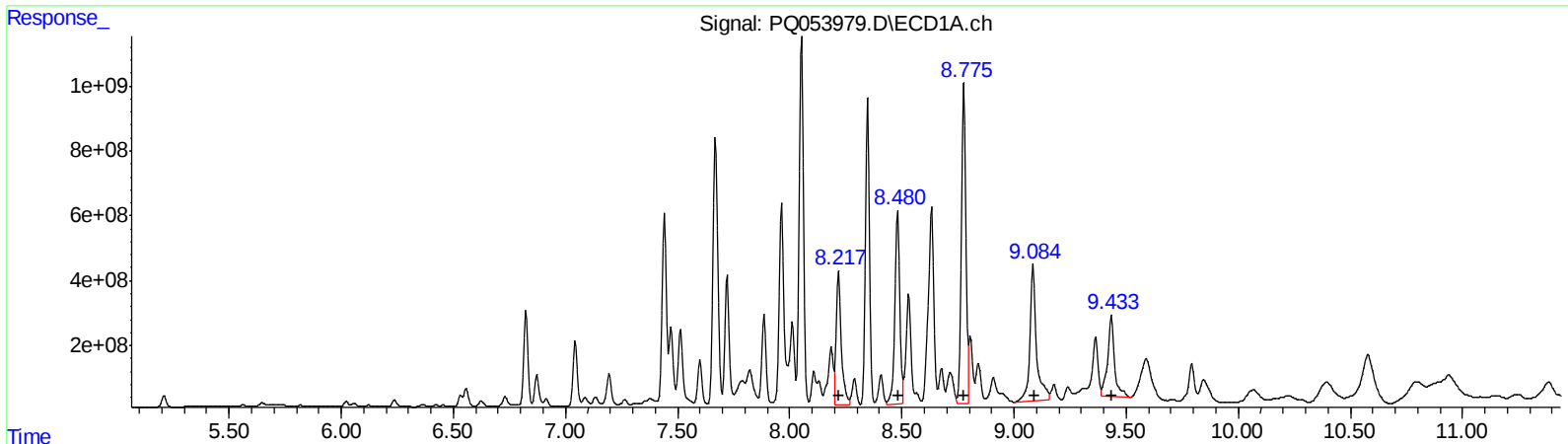
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 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
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(31) AR-1260-1 #2 (L7)
 R.T. Response Conc
 8.22 6593757943 7430.74
 8.48 9138509929 8397.80
 8.77 13619412580 10887.24
 9.08 8651188637 9462.91
 9.43 5419328564 2935.33

(31) AR-1260-1 #2 (L7)
 R.T. Response Conc
 7.06 6795852594 10445.90
 7.26 6020051928 6654.48
 7.41 4906356615 6508.11
 7.90 983424351 1511.60
 8.14 2716909324 1518.69

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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	5.209	4.216	485.1E6	220.0E6	20.330	17.801
2) SA Decachlor...	11.383	9.551	1412.8E6	504.9E6	85.231	42.870m#
Target Compounds						
3) L1 AR-1016-1	6.532	5.476	392.9E6	245.8E6	527.030	597.242
4) L1 AR-1016-2	6.556	5.496	807.5E6	457.5E6	705.674	708.127
5) L1 AR-1016-3	6.623	5.689	275.0E6	291.1E6	395.638	905.175 #
6) L1 AR-1016-4	6.730	5.739	528.3E6	2546.7E6	937.016	9911.109 #
7) L1 AR-1016-5	7.043	5.969	2614.0E6	1755.7E6	4842.479	5402.314
26) L6 AR-1254-1	7.441	6.348	8029.1E6	6706.5E6	13315.051	12676.763
27) L6 AR-1254-2	7.668	6.507	12514.8E6	6727.4E6	13575.437	14355.565
28) L6 AR-1254-3	8.052	6.927	15164.5E6	11241.4E6	15276.281	15124.602
29) L6 AR-1254-4	8.347	7.166	11756.8E6	9007.0E6	16243.189	17764.788
30) L6 AR-1254-5	8.775	7.595	13515.4E6	14628.5E6	17984.748m	21543.351
31) L7 AR-1260-1	8.217	7.065	6593.8E6	6795.9E6	7430.736	10445.899 #
32) L7 AR-1260-2	8.480	7.260	9138.5E6	6020.1E6	8397.798	6654.484
33) L7 AR-1260-3	8.775	7.414	13619.4E6	4906.4E6	10887.243m	6508.107 #
34) L7 AR-1260-4	9.084	7.897	8651.2E6	983.4E6	9462.913	1511.598m#
35) L7 AR-1260-5	9.433	8.144	5419.3E6	2716.9E6	2935.330m	1518.693m#

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

AJ
 07/22/21