Quantitation Report (Qedit)

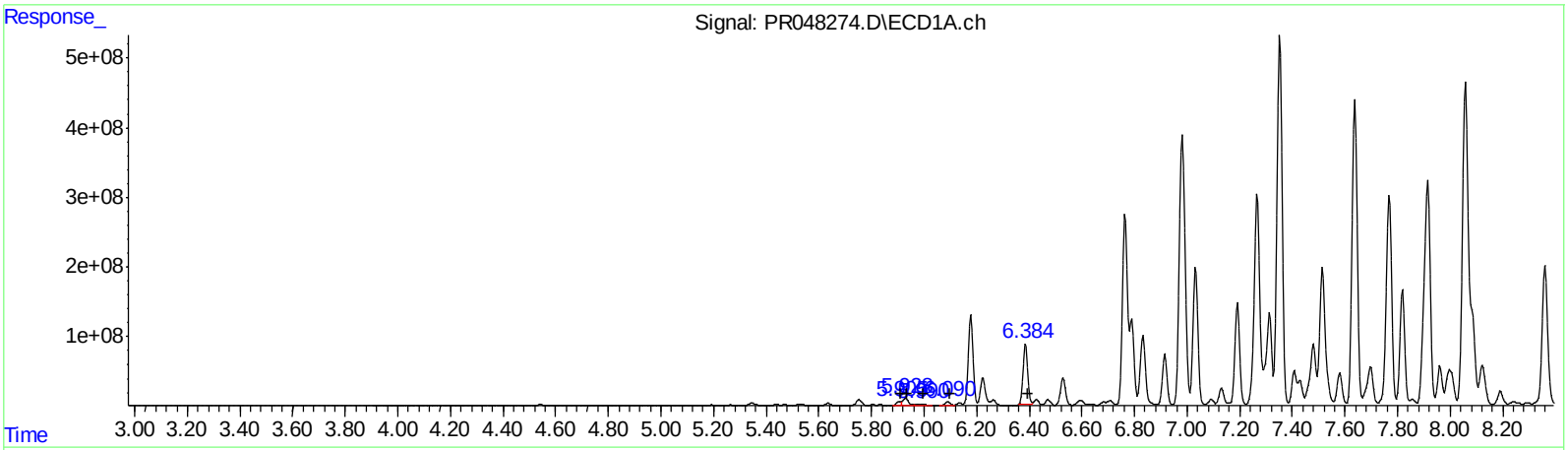
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102720\
Data File : PR048274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2020 00:10
Operator : AJ\MA
Sample : L4506-19MSD 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

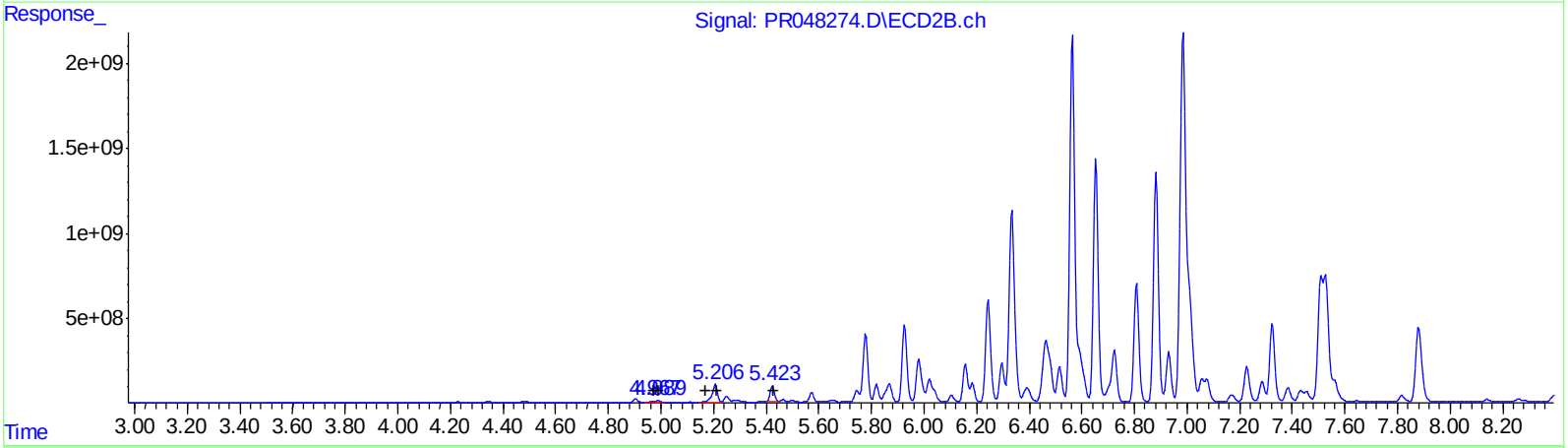
Instrument :
ECD_R
ClientSampleId :
C0BK4MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:45:55 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 07:27:47 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102120CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 21 10:52:16 2020
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

(3) AR-1016-1 (L1)

R.T.	Response	Conc
5.91	57082407	753.36
5.93	149982182	1408.94
5.99	41019237	629.15
6.09	64189202	1203.74
6.39	1068441601	19868.01

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

R.T.	Response	Conc
4.97	90345952	1236.66
4.99	150240759	1018.57
5.21	1642386707	21325.63
5.21	1642386707	40118.38
5.42	1059151100	14458.34

(+) = Expected Retention Time

Quantitation Report (Qedit)

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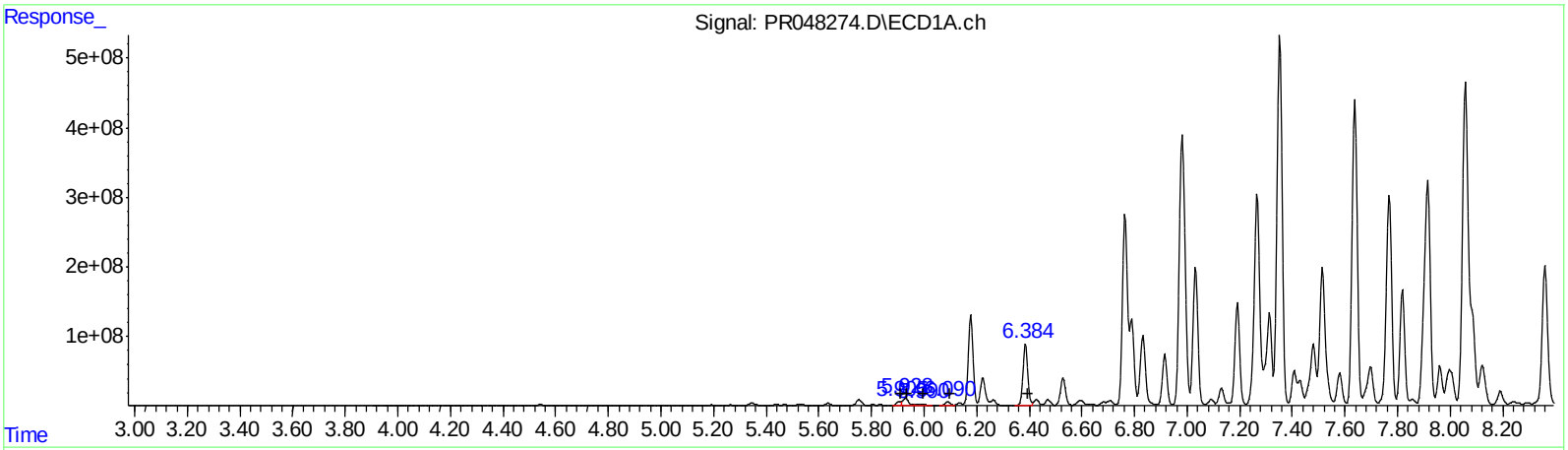

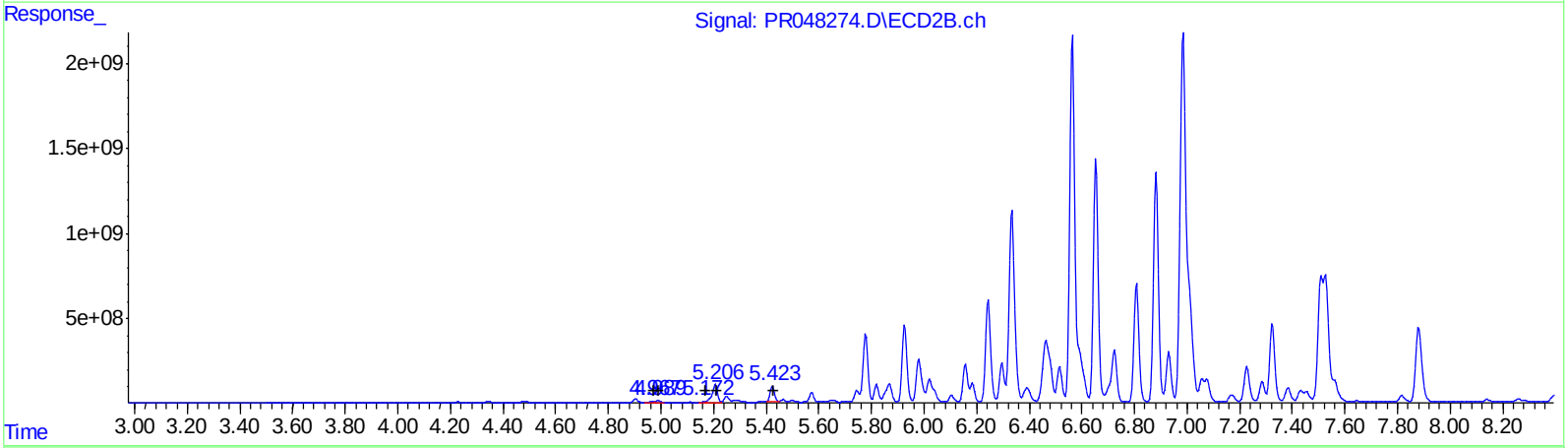

QEdit

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

R.T.	Response	Conc
5.91	57082407	753.36
5.93	149982182	1408.94
5.99	41019237	629.15
6.09	64189202	1203.74
6.38	1101151741	20476.27

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

R.T.	Response	Conc
4.97	90345952	1236.66
4.99	150240759	1018.57
5.17	81186095	1054.16
5.21	1569000032	38325.77
5.42	1059151100	14458.34

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102720\
Data File : PR048274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2020 00:10
Operator : AJ\MA
Sample : L4506-19MSD 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
C0BK4MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:45:55 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102120CLP.M
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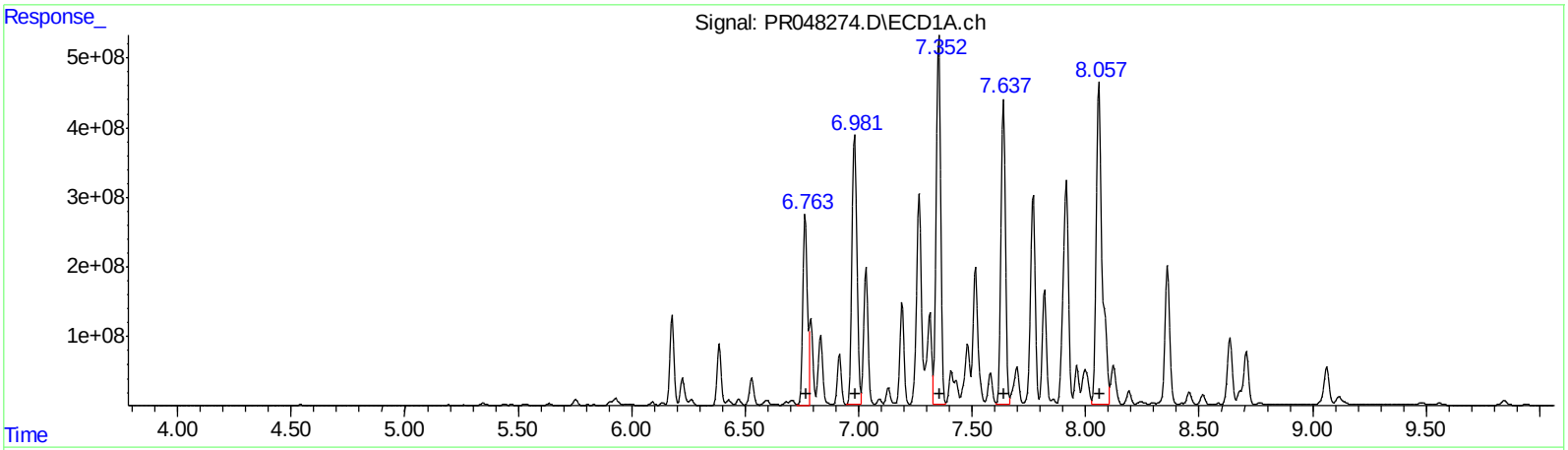

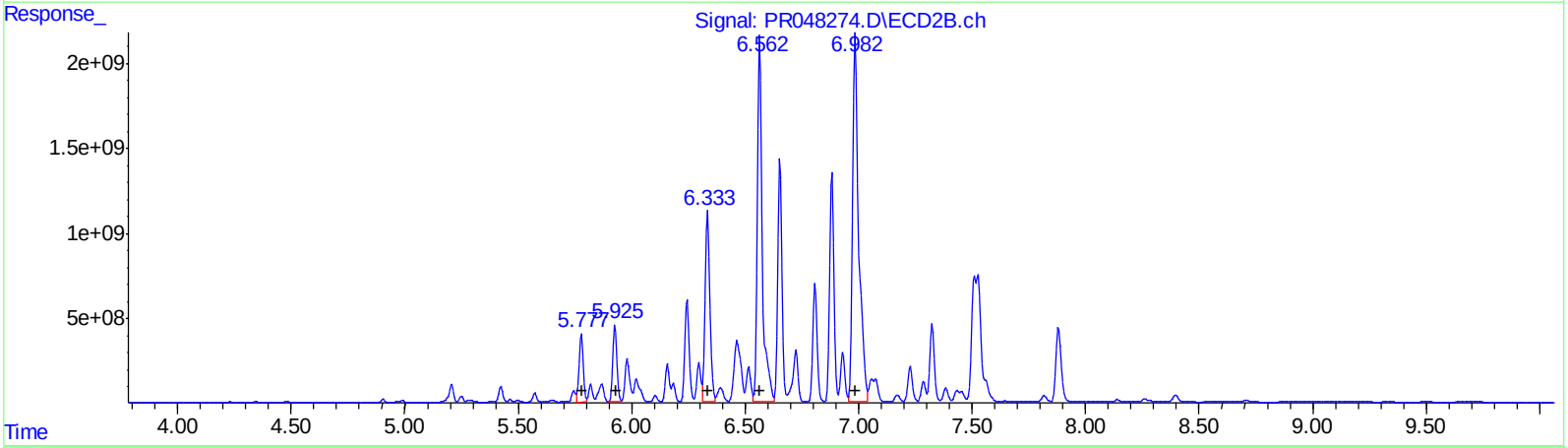

QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
6.76	3657936102	39435.99
6.98	6010277320	41713.90
7.35	7322247996	47753.68
7.64	6021372072	50773.30
8.06	8475722720	66560.90

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

R.T.	Response	Conc
5.78	5185047404	32319.31
5.93	5719236365	34900.64
6.33	16622051423	46262.58
6.56	32621769947	67926.97
6.98	40588694617	65241.53

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102720\
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Sample : L4506-19MSD 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
C0BK4MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:45:55 PM

Integration File signal 1: autoint1.e
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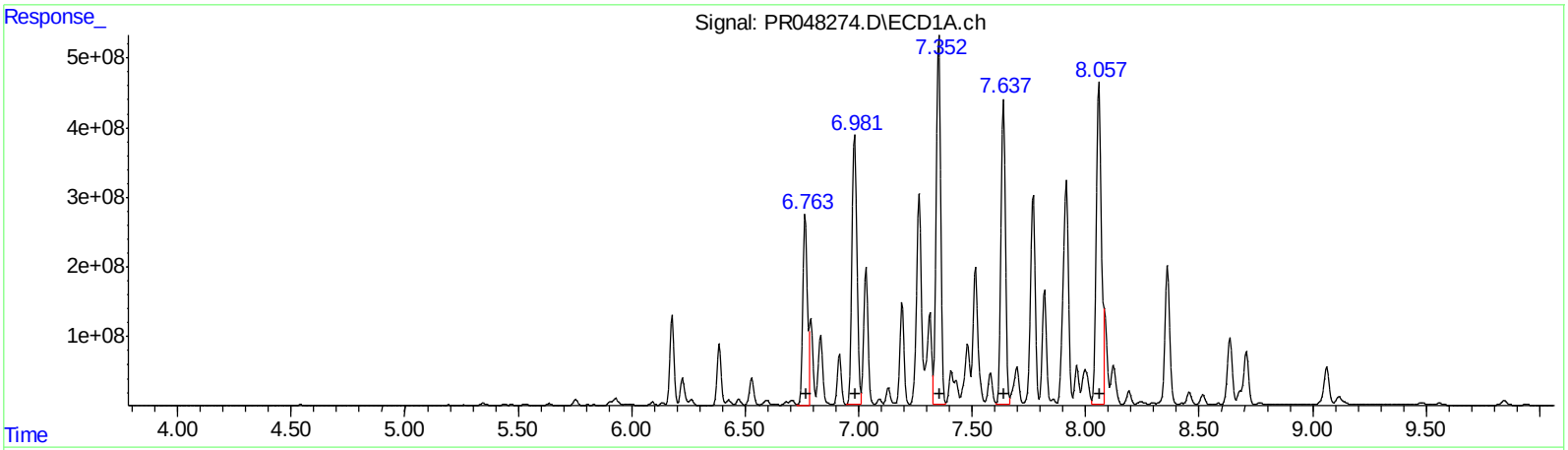

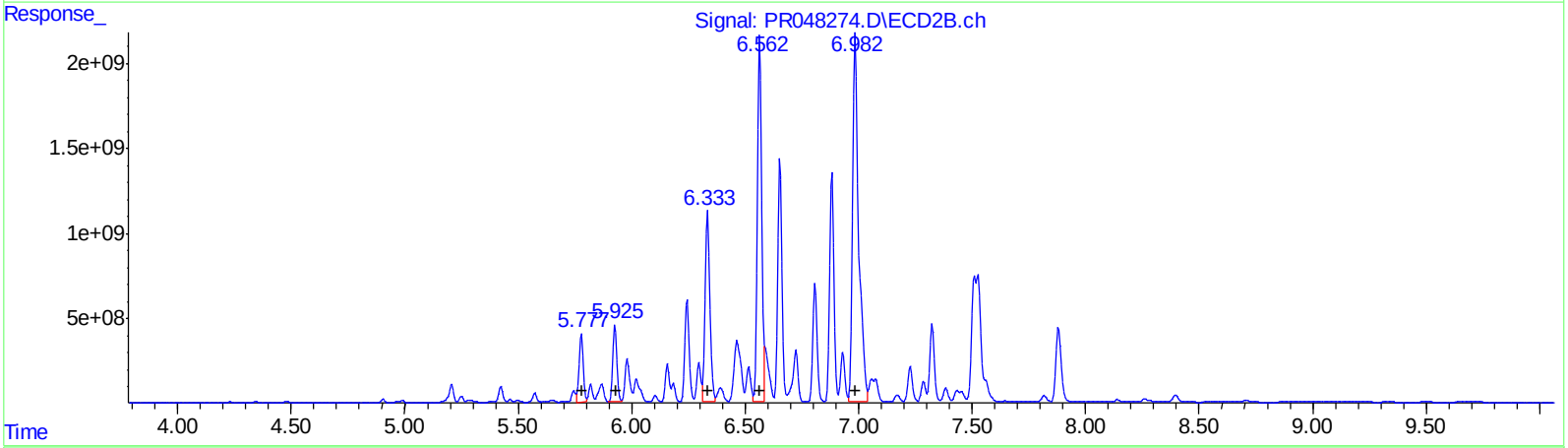

QEdit

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

R.T.	Response	Conc
6.76	3657936102	39435.99
6.98	6010277320	41713.90
7.35	7322247996	47753.68
7.64	6021372072	50773.30
8.06	7324857774	57523.02

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

R.T.	Response	Conc
5.78	5185047404	32319.31
5.93	5719236365	34900.64
6.33	16622051423	46262.58
6.56	28552782412	59454.29
6.98	40588694617	65241.53

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102720\
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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

Instrument :
ECD_R
ClientSampleId :
C0BK4MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:45:55 PM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.727	3.878	3979297	7666766	2.203	2.839 #
2)	SA Decachlor...	10.658	8.979	17200110	82698589	8.539	7.392
	Target Compounds						
3)	L1 AR-1016-1	5.906	4.967	57082407	90345952	753.364	1236.665 #
4)	L1 AR-1016-2	5.929	4.989	150.0E6	150.2E6	1408.939	1018.567 #
5)	L1 AR-1016-3	5.991	5.172	41019237	81186095	629.146	1054.164m#
6)	L1 AR-1016-4	6.091	5.206	64189202	1569.0E6	1203.740	38325.770m#
7)	L1 AR-1016-5	6.384	5.423	1101.2E6	1059.2E6	20476.269m	14458.344 #
26)	L6 AR-1254-1	6.764	5.778	3657.9E6	5185.0E6	39435.987	32319.312
27)	L6 AR-1254-2	6.981	5.926	6010.3E6	5719.2E6	41713.905	34900.638
28)	L6 AR-1254-3	7.352	6.333	7322.2E6	16622.1E6	47753.680	46262.577
29)	L6 AR-1254-4	7.637	6.562	6021.4E6	28552.8E6	50773.297	59454.286m
30)	L6 AR-1254-5	8.057	6.984	7324.9E6	40588.7E6	57523.015m	65241.531
31)	L7 AR-1260-1	7.514	6.463	2977.2E6	7578.3E6	29018.197	42748.161 #
32)	L7 AR-1260-2	7.768	6.653	4362.6E6	18292.8E6	34383.560	30385.680
33)	L7 AR-1260-3	8.122	6.807	834.4E6	9205.5E6	8618.819	24886.350 #
34)	L7 AR-1260-4	8.360	7.285	2916.3E6	1606.5E6	26652.461	3549.113 #
35)	L7 AR-1260-5	8.708	7.525	1397.5E6	10725.9E6	6149.537	5693.225

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

AJ 11/09/20