

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122918\  
Data File : PR035150.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Dec 2018 07:59  
Operator : SM\SJ  
Sample : J6441-12MS  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

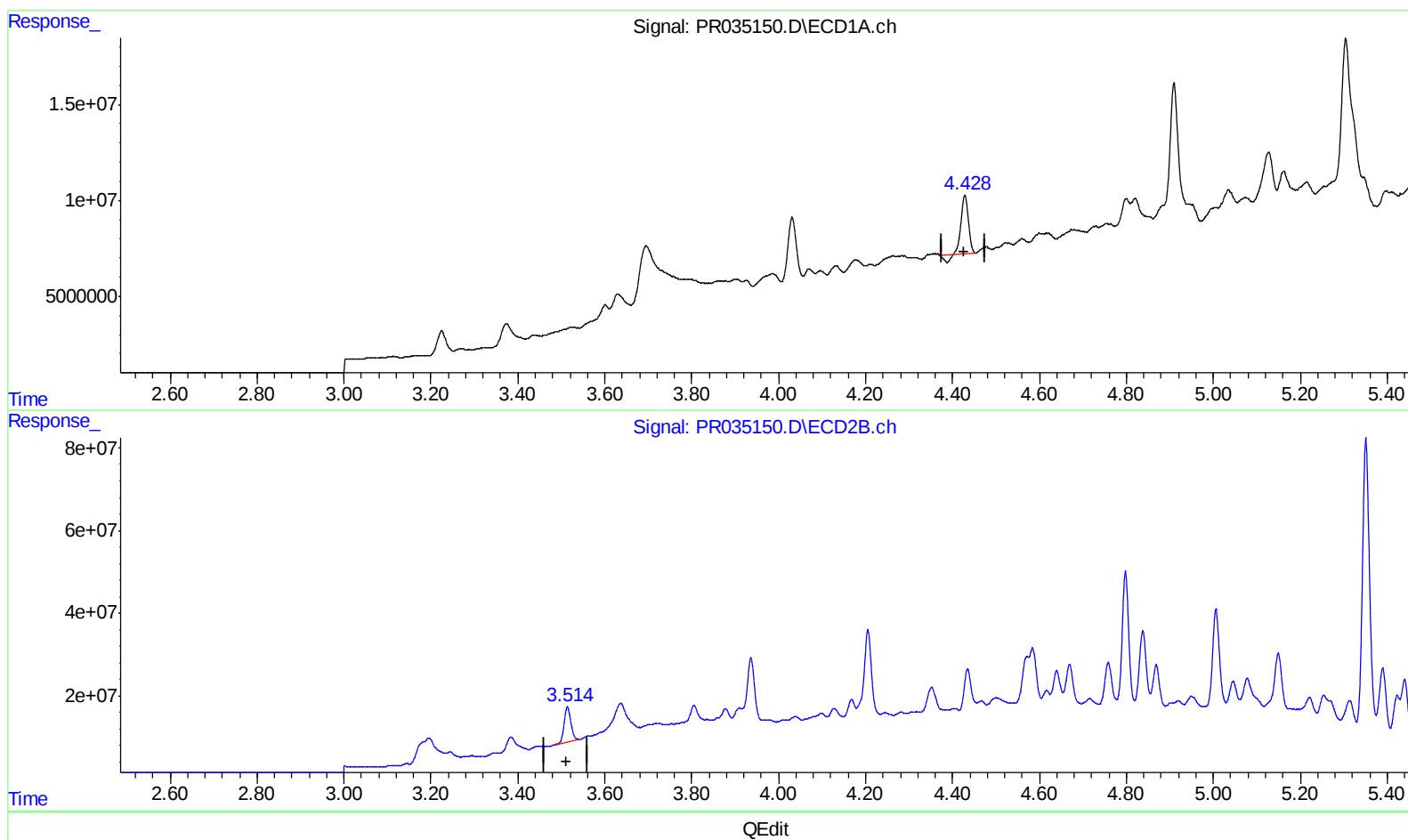
Instrument :  
ECD\_R  
ClientSampleId :  
BF023MS

Manual Integrations  
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mohammad  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 29 10:00:58 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR121818CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Dec 18 01:56:32 2018  
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



(1) Tetrachloro-m-xylene (SA)

4.429min 17.117 ng/ml

response 33292151

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

3.514min 26.452 ng/ml

response 92212005

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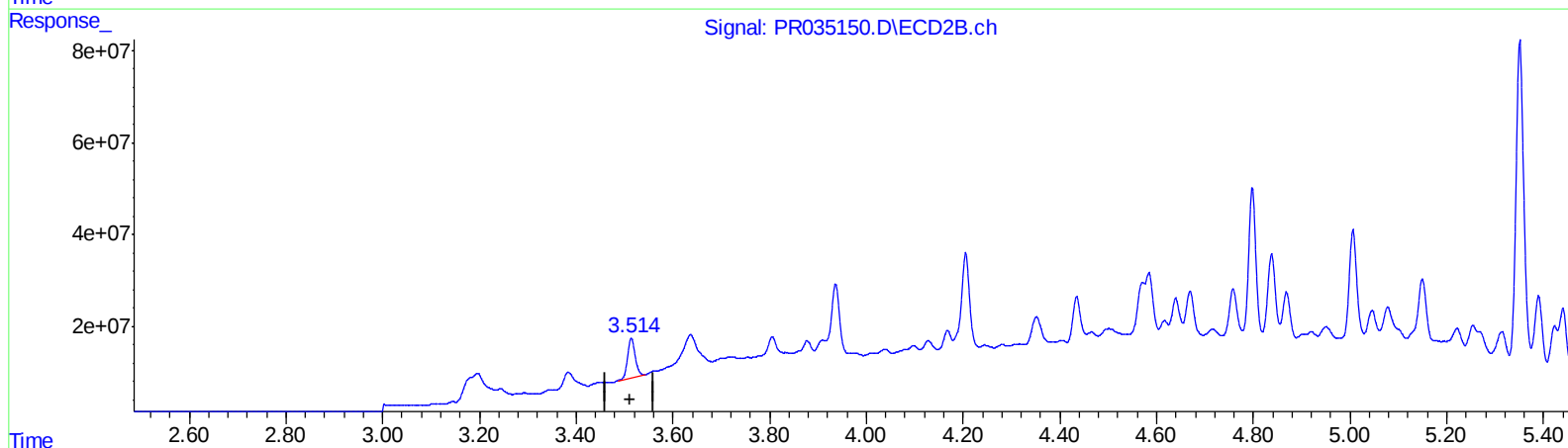
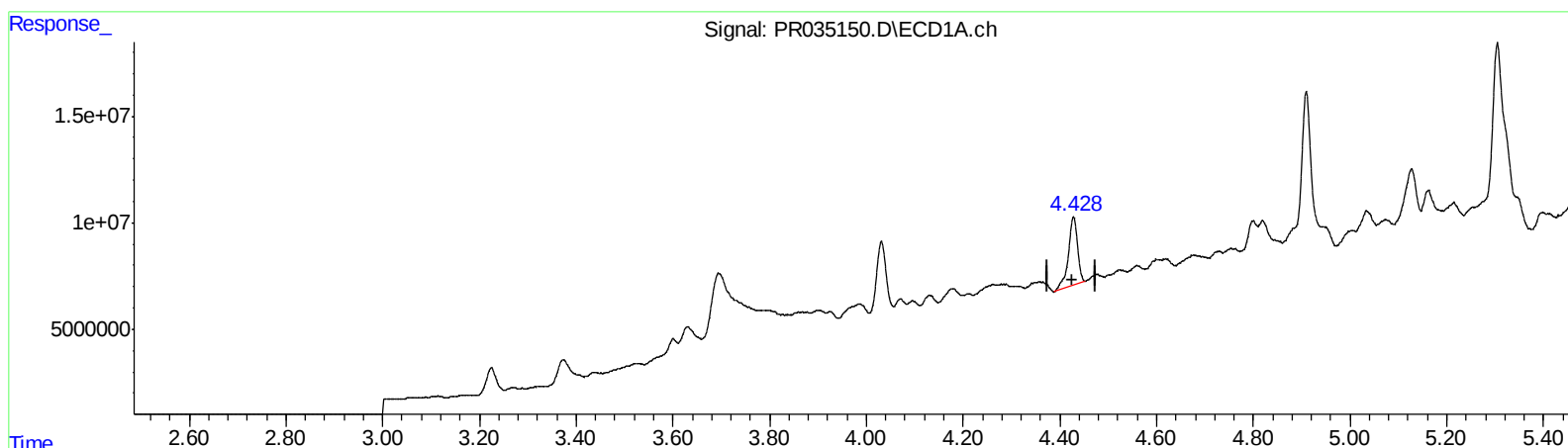
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(1) Tetrachloro-m-xylene (SA)

4.428min 21.620 ng/ml m

response 42052285

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

3.514min 26.452 ng/ml

response 92212005

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Misc :  
ALS Vial : 72 Sample Multiplier: 1

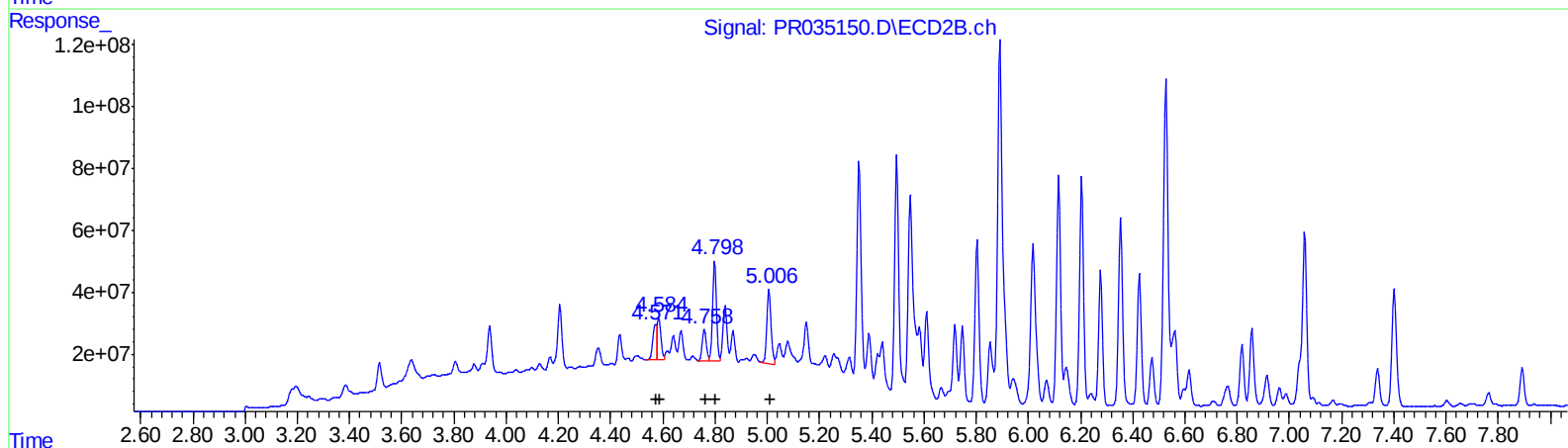
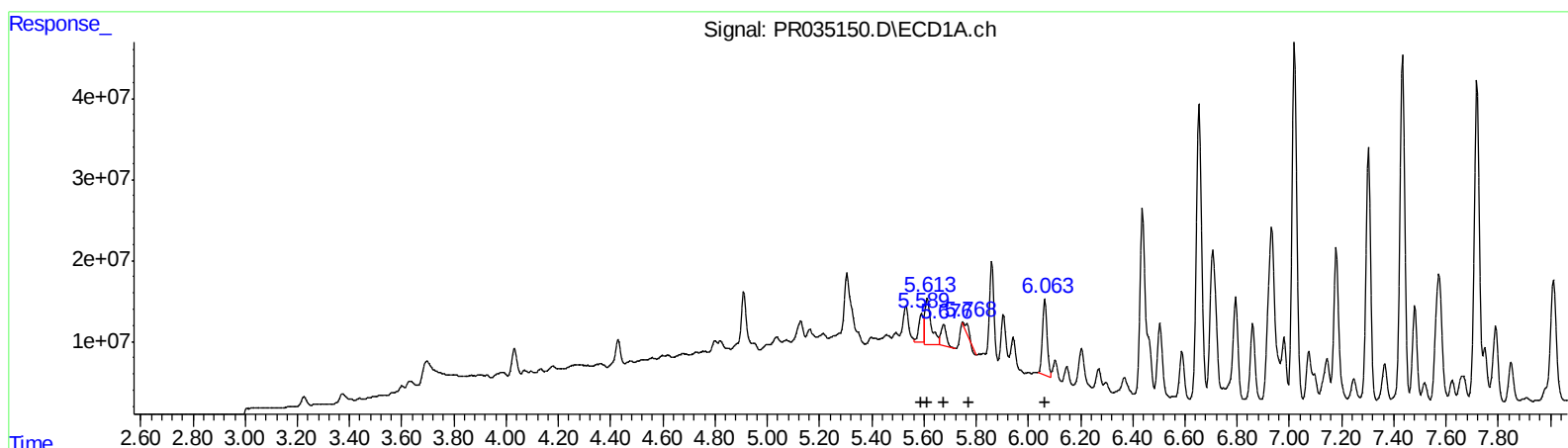
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

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

| R.T. | Response  | Conc    |
|------|-----------|---------|
| 5.59 | 37324309  | 552.93  |
| 5.61 | 94933989  | 958.67  |
| 5.68 | 37460704  | 636.48  |
| 5.77 | 10534319  | 222.07  |
| 6.06 | 116150882 | 2438.73 |

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

| R.T. | Response  | Conc    |
|------|-----------|---------|
| 4.57 | 102096687 | 784.61  |
| 4.58 | 148806519 | 752.88  |
| 4.76 | 106235838 | 1105.29 |
| 4.80 | 329458802 | 4360.86 |
| 5.01 | 270180140 | 2627.55 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122918\  
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Operator : SM\SJ  
Sample : J6441-12MS  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

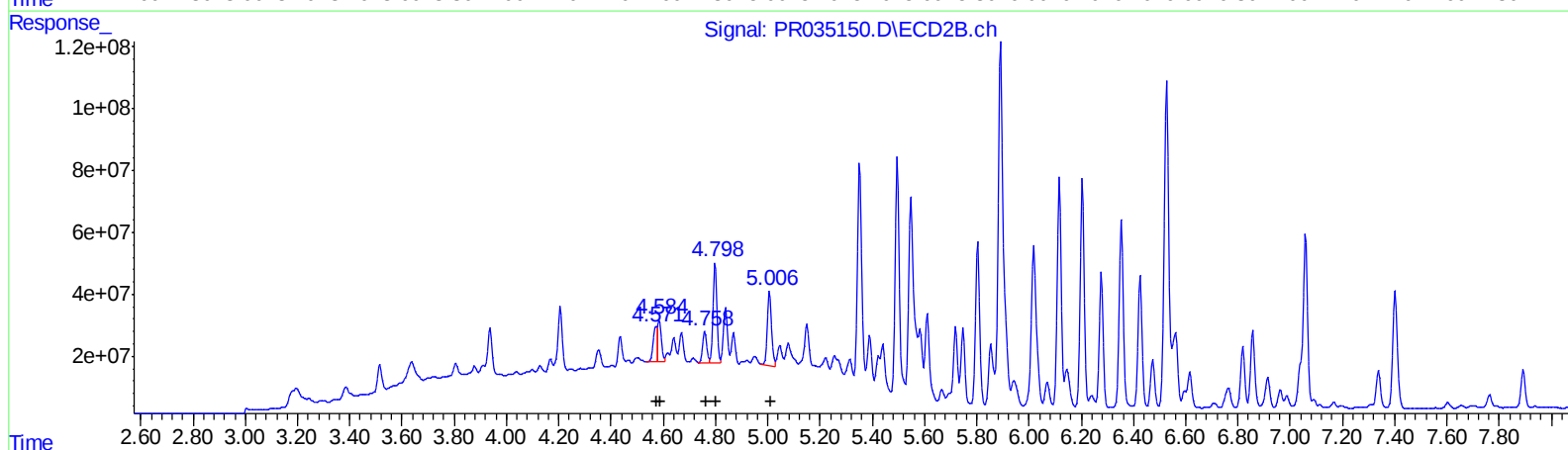
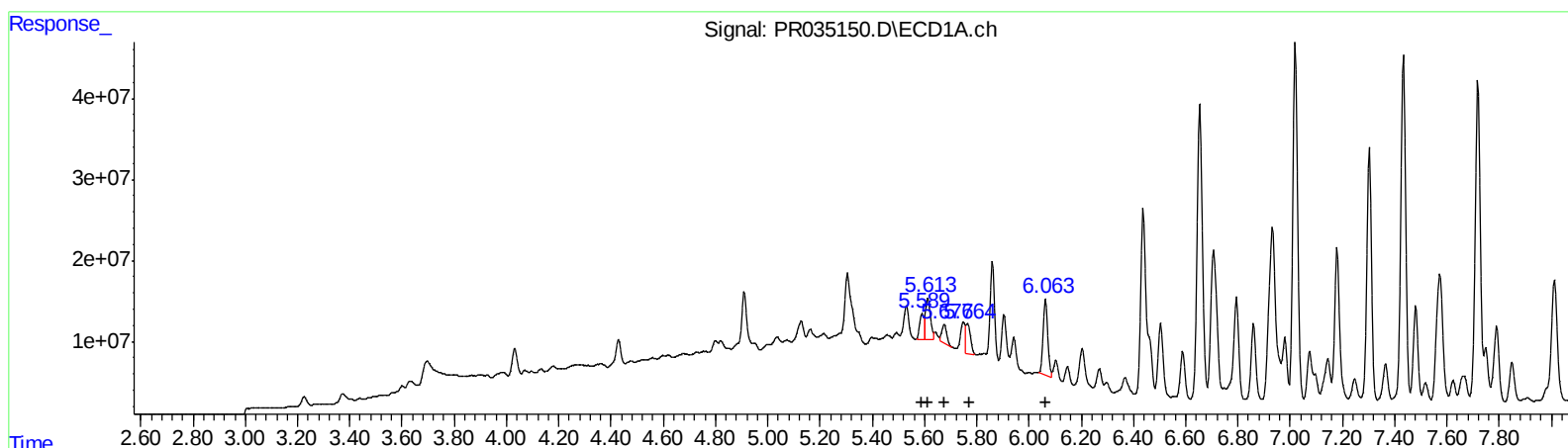
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Quant Title : GC EXTRACTABLES  
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Response via : Initial Calibration  
Integrator: ChemStation

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



QEdit

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

| R.T. | Response  | Conc    |
|------|-----------|---------|
| 5.59 | 34154808  | 505.97  |
| 5.61 | 68099491  | 687.69  |
| 5.68 | 30010101  | 509.89  |
| 5.76 | 48502834  | 1022.47 |
| 6.06 | 116150882 | 2438.73 |

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

| R.T. | Response  | Conc    |
|------|-----------|---------|
| 4.57 | 102096687 | 784.61  |
| 4.58 | 148806519 | 752.88  |
| 4.76 | 106235838 | 1105.29 |
| 4.80 | 329458802 | 4360.86 |
| 5.01 | 270180140 | 2627.55 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122918\  
Data File : PR035150.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Dec 2018 07:59  
Operator : SM\SJ  
Sample : J6441-12MS  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

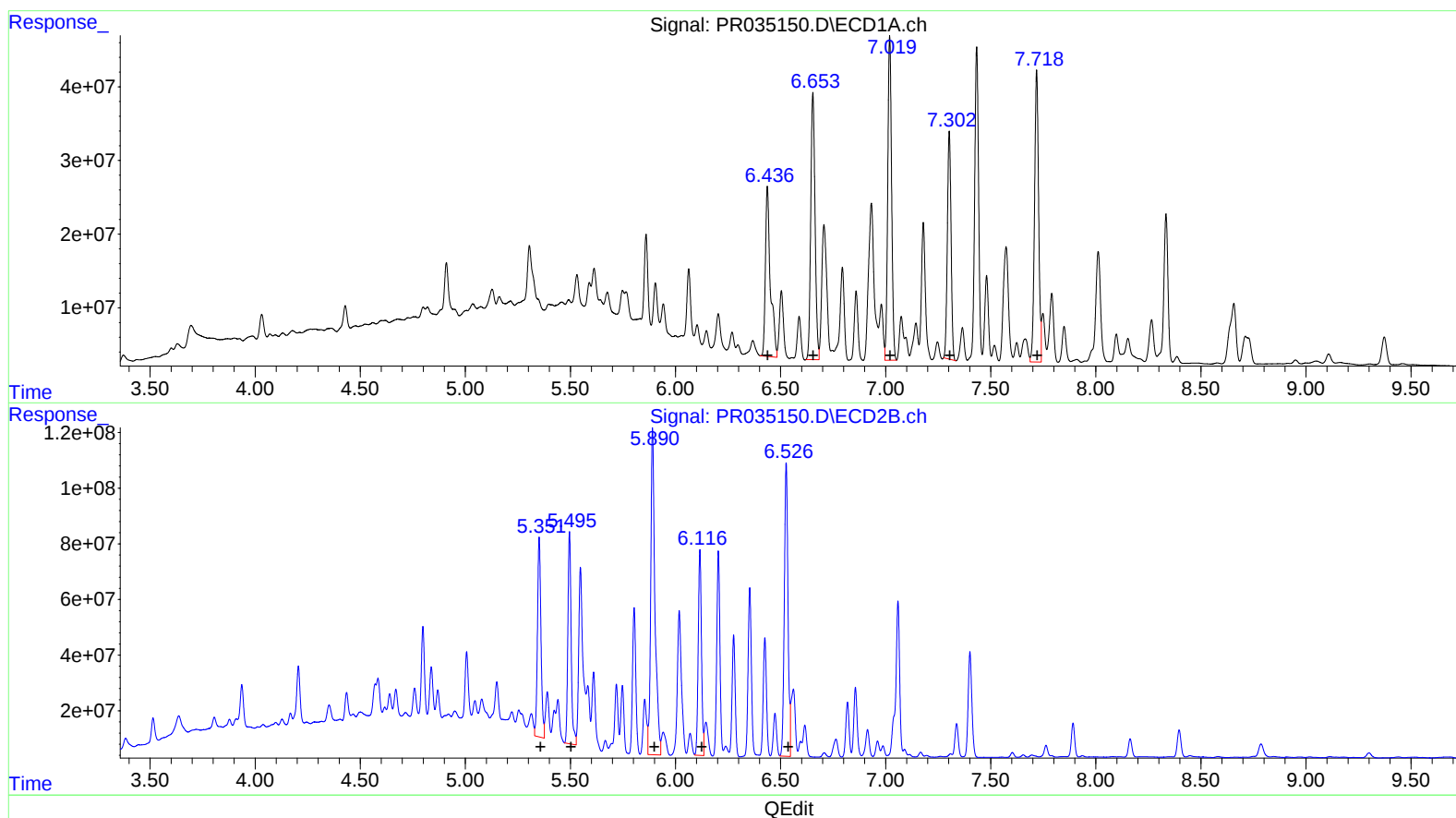
Instrument :  
ECD\_R  
ClientSampleId :  
BF023MS

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Quant Title : GC EXTRACTABLES  
QLast Update : Tue Dec 18 01:56:32 2018  
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 (L6)  
R.T. Response Conc  
6.44 379441149 4644.04  
6.65 514623680 4027.53  
7.02 560404447 4152.00  
7.30 376835471 3552.44  
7.72 535285188 4995.97

(26) AR-1254-1 #2 (L6)  
R.T. Response Conc  
5.35 830639987 3394.61  
5.50 828112656 3893.53  
5.89 1644990342 4603.71  
6.12 792290798 3354.46  
6.53 1283591940 4024.53

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122918\  
Data File : PR035150.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Dec 2018 07:59  
Operator : SM\SJ  
Sample : J6441-12MS  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

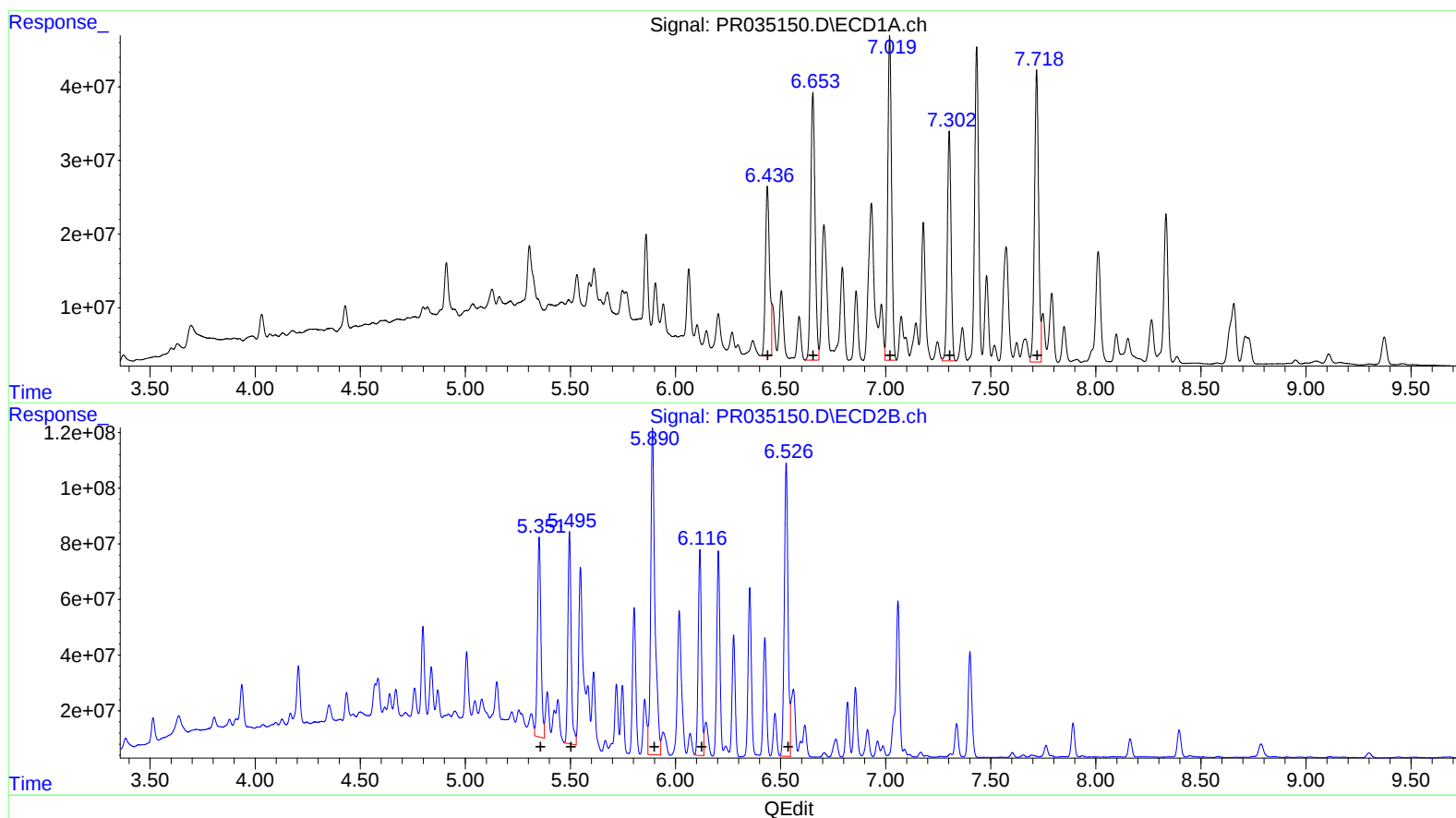
Instrument :  
ECD\_R  
ClientSampleId :  
BF023MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
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Quant Time: Dec 29 10:00:58 2018  
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Quant Title : GC EXTRACTABLES  
QLast Update : Tue Dec 18 01:56:32 2018  
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  
6.44 313382871 3835.54  
6.65 517218991 4047.84  
7.02 560404447 4152.00  
7.30 385408482 3633.26  
7.72 535285188 4995.97

(26) AR-1254-1 #2 (L6)  
R.T. Response Conc  
5.35 830639987 3394.61  
5.50 828112656 3893.53  
5.89 1644990342 4603.71  
6.12 792290798 3354.46  
6.53 1283591940 4024.53

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Acq On : 29 Dec 2018 07:59  
Operator : SM\SJ  
Sample : J6441-12MS  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

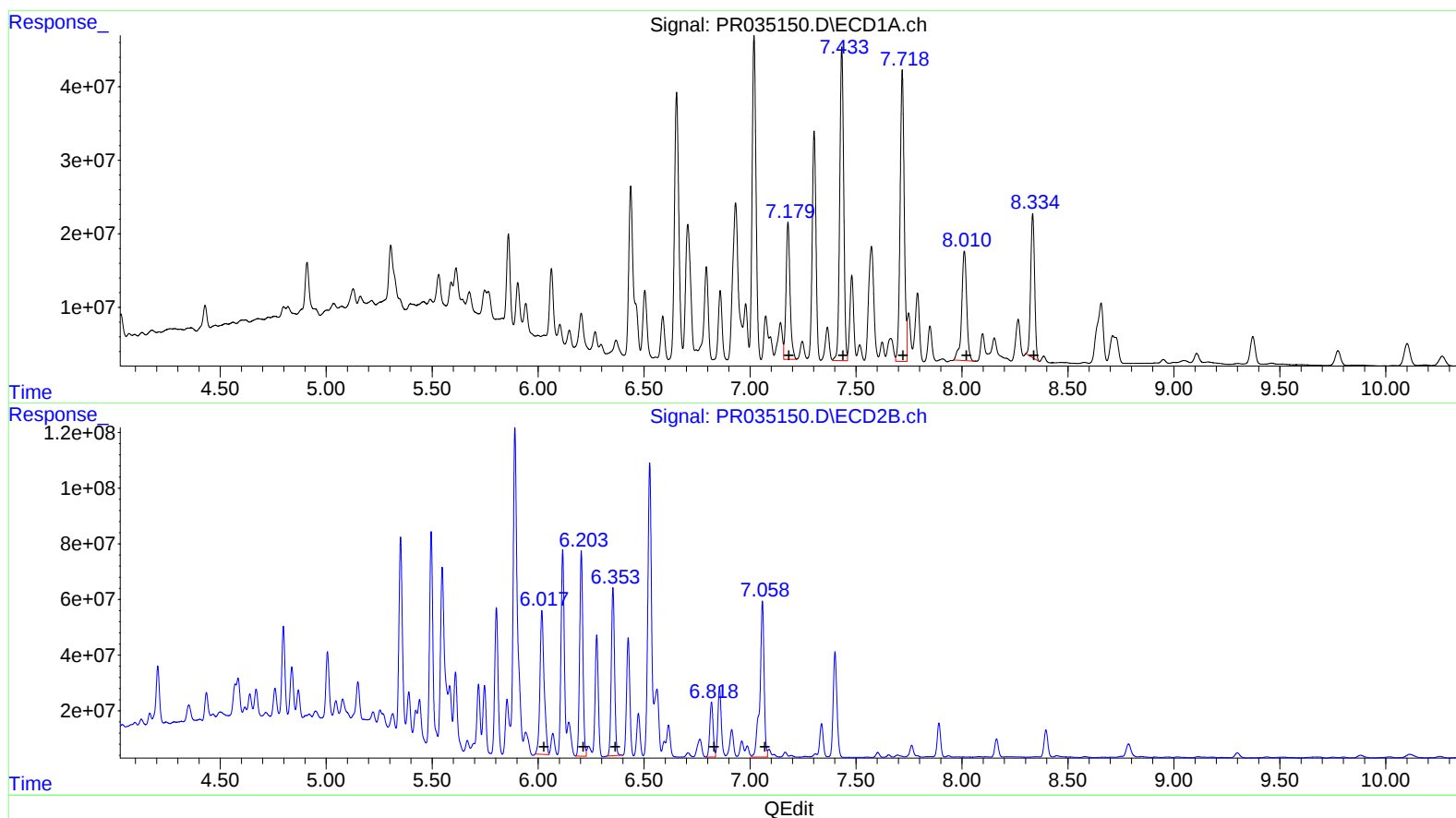
Instrument :  
ECD\_R  
ClientSampled :  
BF023MS

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  
7.18 243393390 2589.07  
7.43 553213593 4764.93  
7.72 535285188 3835.62  
8.01 245654135 2844.42  
8.33 252280919 1397.26

(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
6.02 703958201 3274.65  
6.20 777102378 2855.72  
6.35 653188894 2631.32  
6.82 216542836 1266.40  
7.06 770458284 1593.02

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122918\  
Data File : PR035150.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Dec 2018 07:59  
Operator : SM\SJ  
Sample : J6441-12MS  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

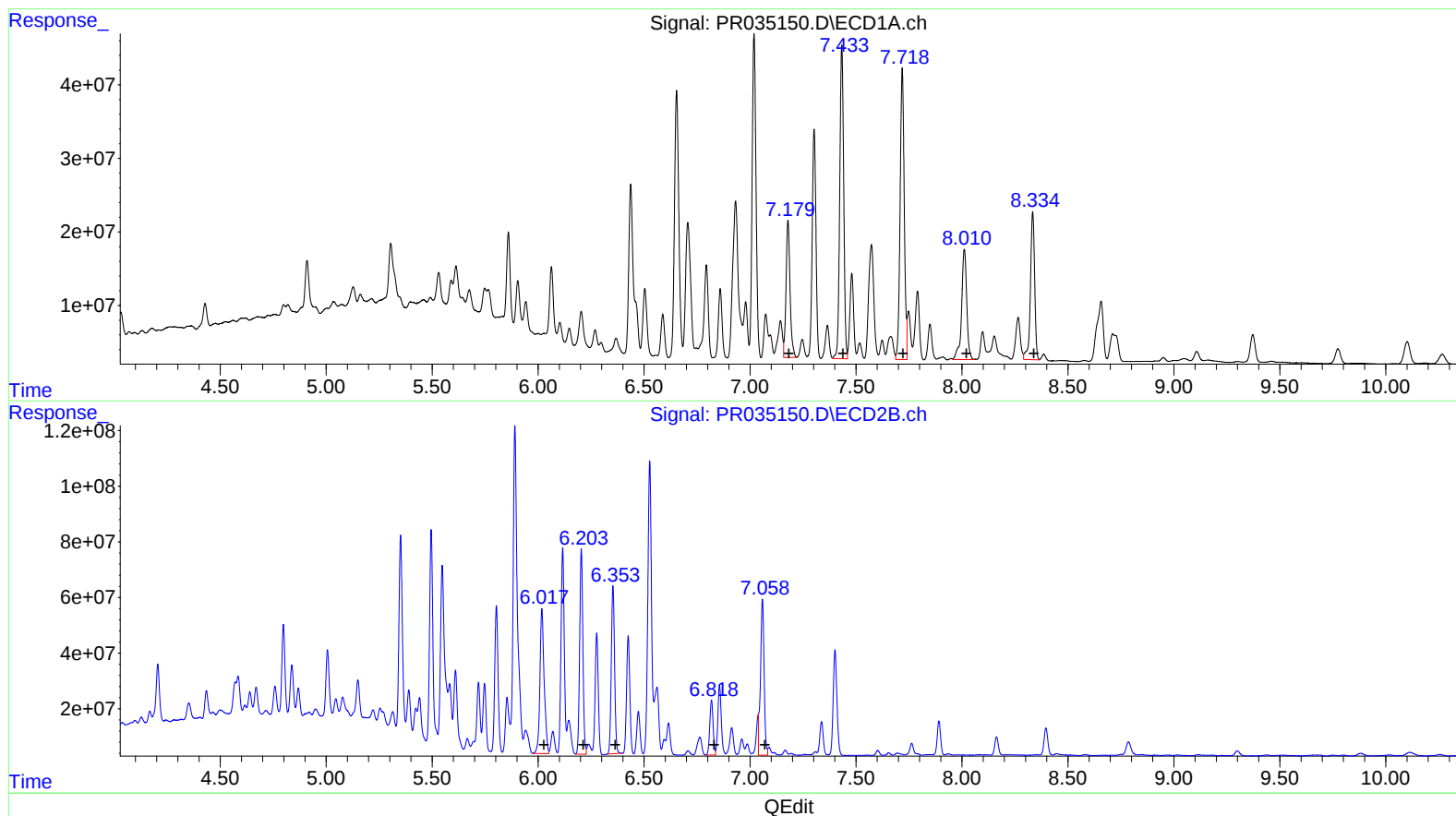
Instrument :  
ECD\_R  
ClientSampleId :  
BF023MS

Manual Integrations  
APPROVED

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12/31/2018 11:11:14 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



(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
7.18 243393390 2589.07  
7.43 553213593 4764.93  
7.72 535285188 3835.62  
8.01 253016347 2929.66  
8.33 278520081 1542.59

(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
6.02 721975291 3358.46  
6.20 777102378 2855.72  
6.35 653188894 2631.32  
6.82 216542836 1266.40  
7.06 669907260 1385.12

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122918\  
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 Sample : J6441-12MS  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 Client Sampled :  
 BF023MS

Manual Integrations  
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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...          | 4.428  | 3.514 | 42052285 | 92212005 | 21.620m   | 26.452     |
| 2) SA Decachlor...          | 10.101 | 8.396 | 58576176 | 118.2E6  | 29.796    | 26.890     |
| Target Compounds            |        |       |          |          |           |            |
| 3) L1 AR-1016-1             | 5.589  | 4.571 | 34154808 | 102.1E6  | 505.973m  | 784.608 #  |
| 4) L1 AR-1016-2             | 5.613  | 4.584 | 68099491 | 148.8E6  | 687.687m  | 752.878    |
| 5) L1 AR-1016-3             | 5.676  | 4.759 | 30010101 | 106.2E6  | 509.893m  | 1105.288 # |
| 6) L1 AR-1016-4             | 5.764  | 4.798 | 48502834 | 329.5E6  | 1022.470m | 4360.862 # |
| 7) L1 AR-1016-5             | 6.063  | 5.006 | 116.2E6  | 270.2E6  | 2438.733  | 2627.552   |
| 26) L6 AR-1254-1            | 6.436  | 5.351 | 313.4E6  | 830.6E6  | 3835.540m | 3394.612   |
| 27) L6 AR-1254-2            | 6.653  | 5.496 | 517.2E6  | 828.1E6  | 4047.837m | 3893.528   |
| 28) L6 AR-1254-3            | 7.019  | 5.891 | 560.4E6  | 1645.0E6 | 4152.004  | 4603.712   |
| 29) L6 AR-1254-4            | 7.302  | 6.116 | 385.4E6  | 792.3E6  | 3633.260m | 3354.459   |
| 30) L6 AR-1254-5            | 7.718  | 6.527 | 535.3E6  | 1283.6E6 | 4995.972  | 4024.534   |
| 31) L7 AR-1260-1            | 7.179  | 6.017 | 243.4E6  | 722.0E6  | 2589.071  | 3358.459m# |
| 32) L7 AR-1260-2            | 7.433  | 6.204 | 553.2E6  | 777.1E6  | 4764.927  | 2855.718 # |
| 33) L7 AR-1260-3            | 7.718  | 6.353 | 535.3E6  | 653.2E6  | 3835.619  | 2631.324 # |
| 34) L7 AR-1260-4            | 8.010  | 6.818 | 253.0E6  | 216.5E6  | 2929.665m | 1266.404 # |
| 35) L7 AR-1260-5            | 8.334  | 7.058 | 278.5E6  | 669.9E6  | 1542.588m | 1385.121m  |
| -----                       |        |       |          |          |           |            |

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

55  
 12/31/18