

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
Data File : PQ041960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 22:04
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

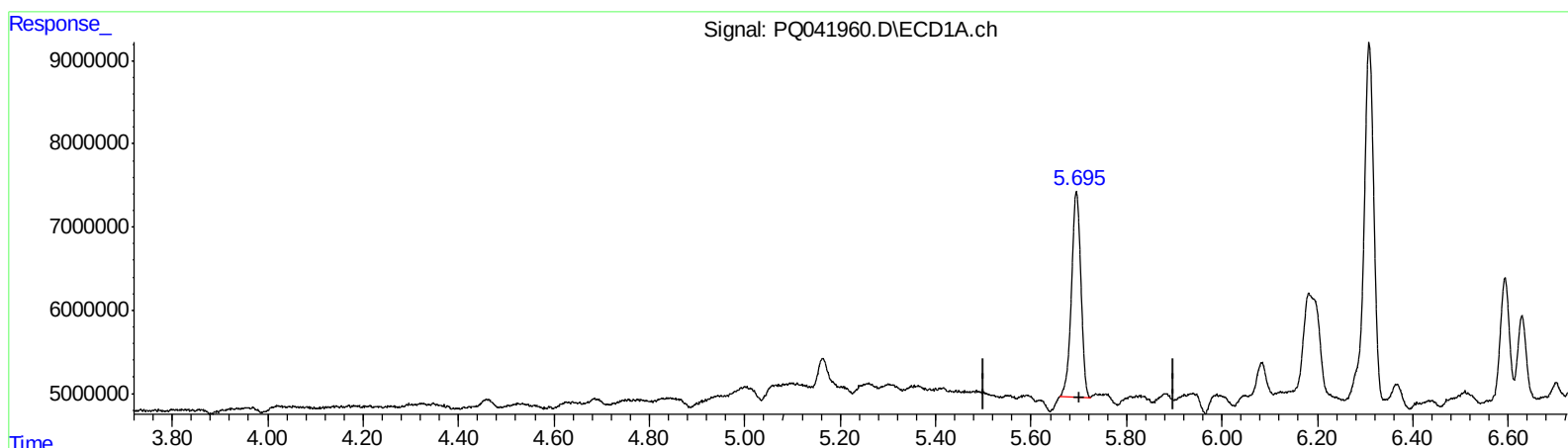
Instrument :
ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations
APPROVED

Ankita
8/2/2019 2:02:25 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:09:46 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



(1) Tetrachloro-m-xylene (SA)

5.695min 14.596 ng/ml

response 33474010

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

4.754min 16.876 ng/ml

response 32524092

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
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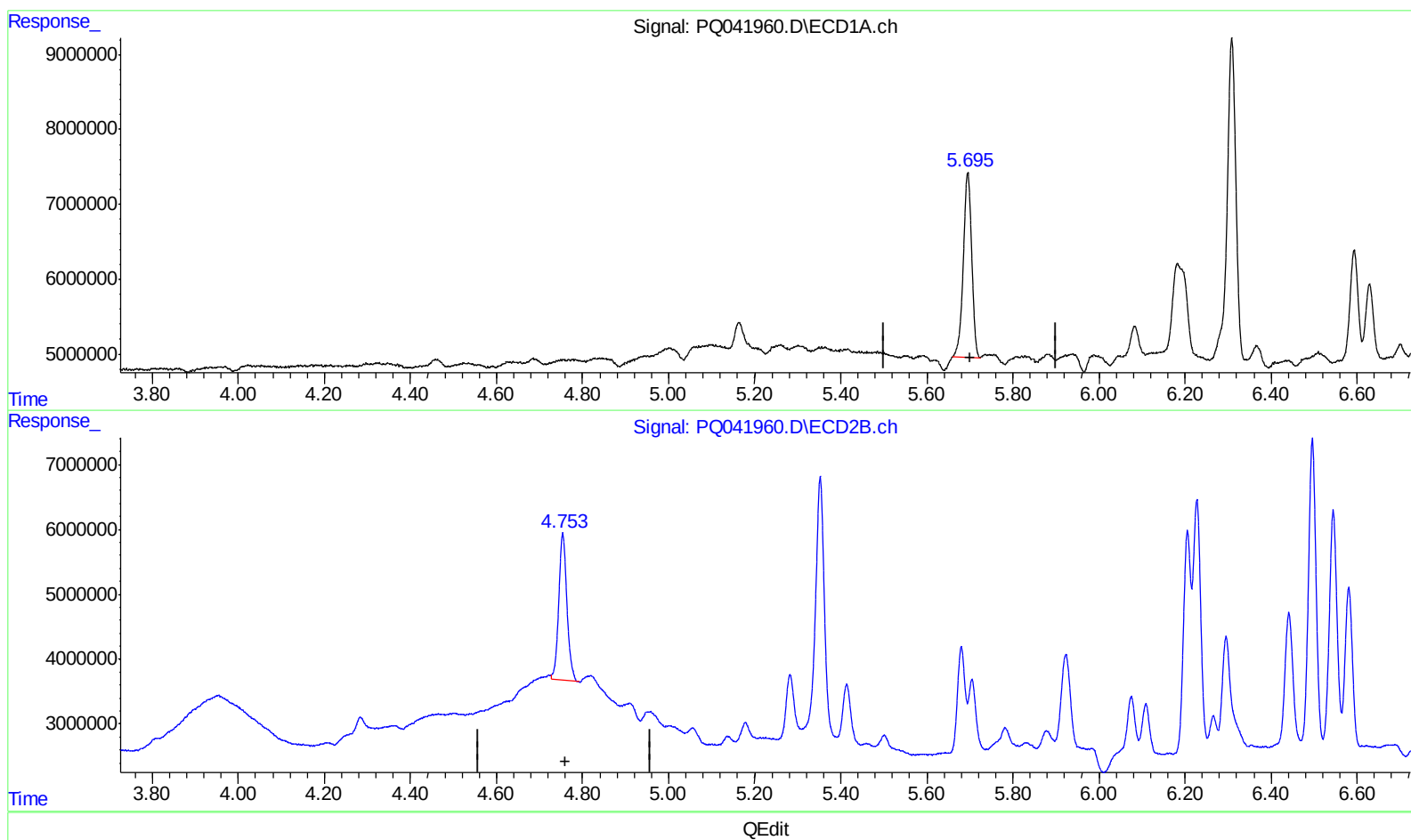
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ClientSampleId :
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Manual Integrations
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(1) Tetrachloro-m-xylene (SA)

5.695min 14.596 ng/ml

response 33474010

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

4.753min 15.515 ng/ml m

response 29900709

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
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Acq On : 01 Aug 2019 22:04
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

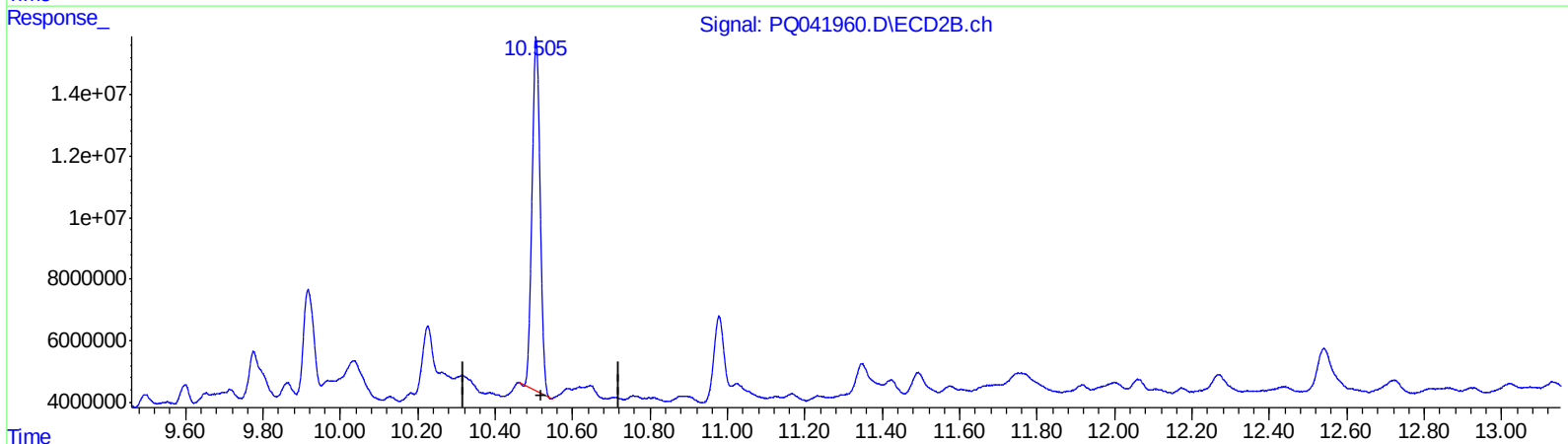
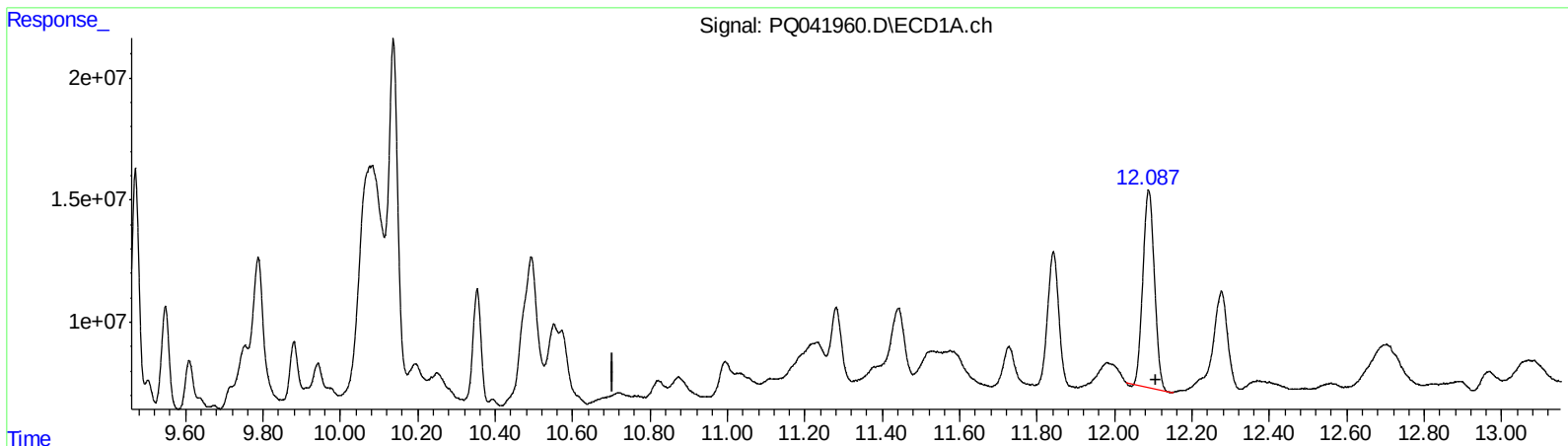
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(2) Decachlorobiphenyl (SA)

12.088min 19.859 ng/ml

response 167434820

(2) Decachlorobiphenyl #2 (SA)

10.506min 34.328 ng/ml

response 166057721

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

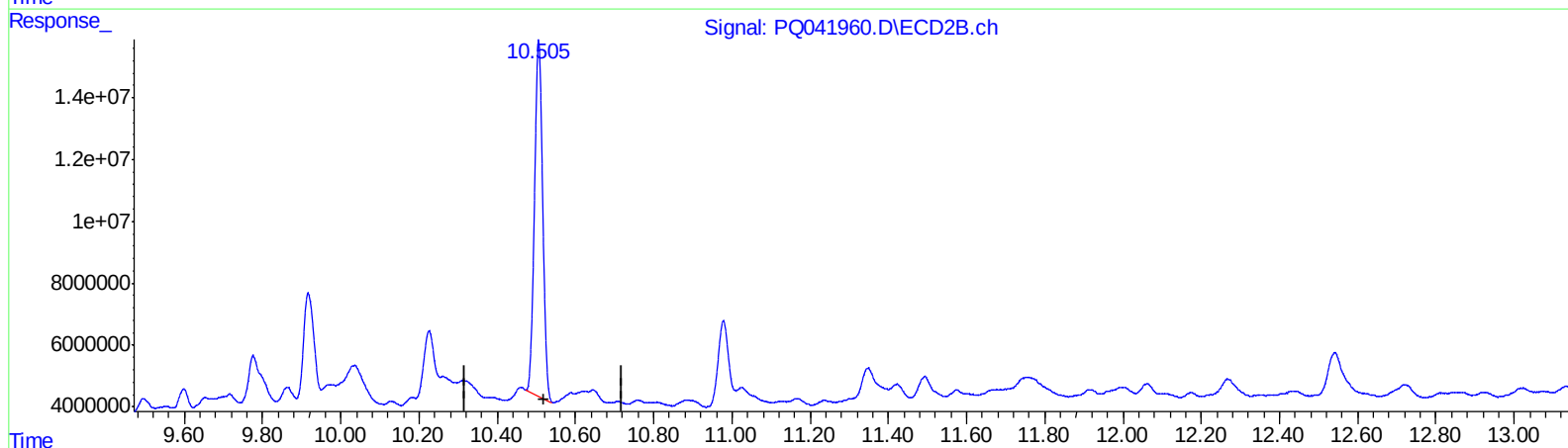
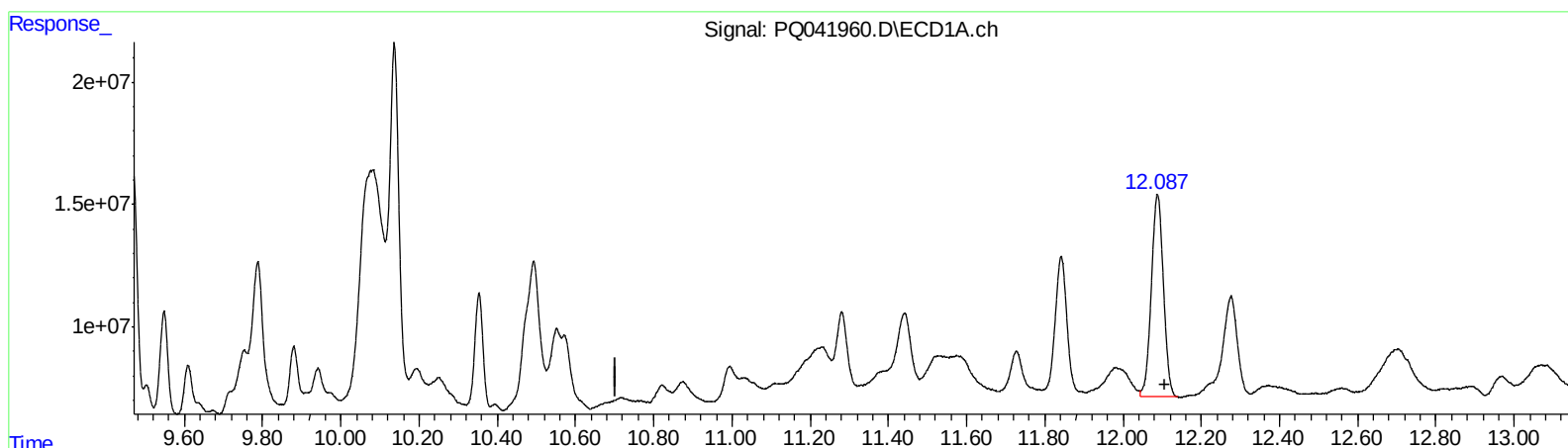
Instrument :
ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations
APPROVED

Ankita
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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

(2) Decachlorobiphenyl (SA)

12.087min 20.989 ng/ml m

response 176962532

(2) Decachlorobiphenyl #2 (SA)

10.505min 34.695 ng/ml m

response 167831900

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
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 Misc :
 ALS Vial : 35 Sample Multiplier: 1

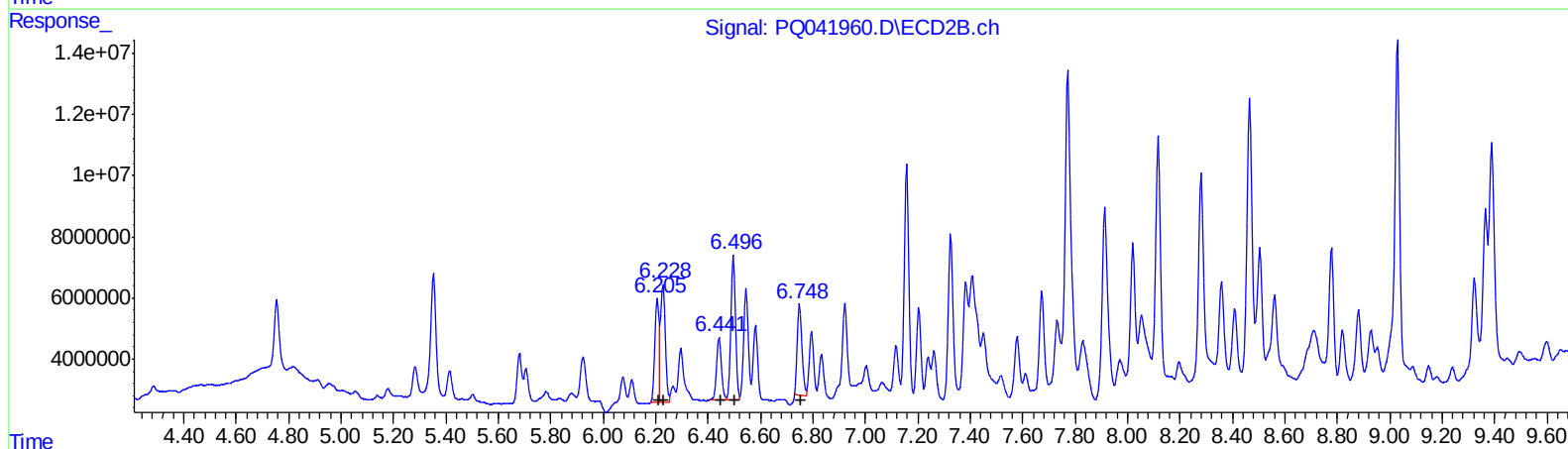
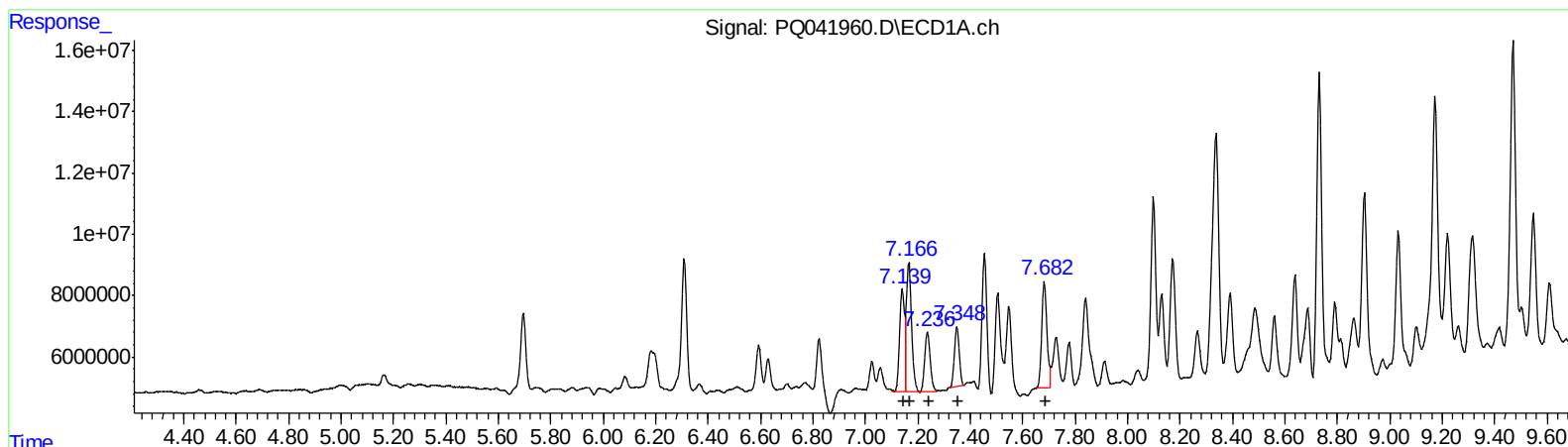
Instrument :
 ECD_Q
 ClientSampleId :
 BENZ2MSD

Manual Integrations
 APPROVED

Ankita
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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
7.14	41332293	382.41
7.17	59660923	381.15
7.24	28352773	293.12
7.35	25287712	324.14
7.68	48876827	621.76

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

R.T.	Response	Conc
6.21	38802823	373.93
6.23	48054506	335.41
6.44	26035581	349.13
6.50	57671210	930.03
6.75	37590079	461.78

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
Data File : PQ041960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 22:04
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

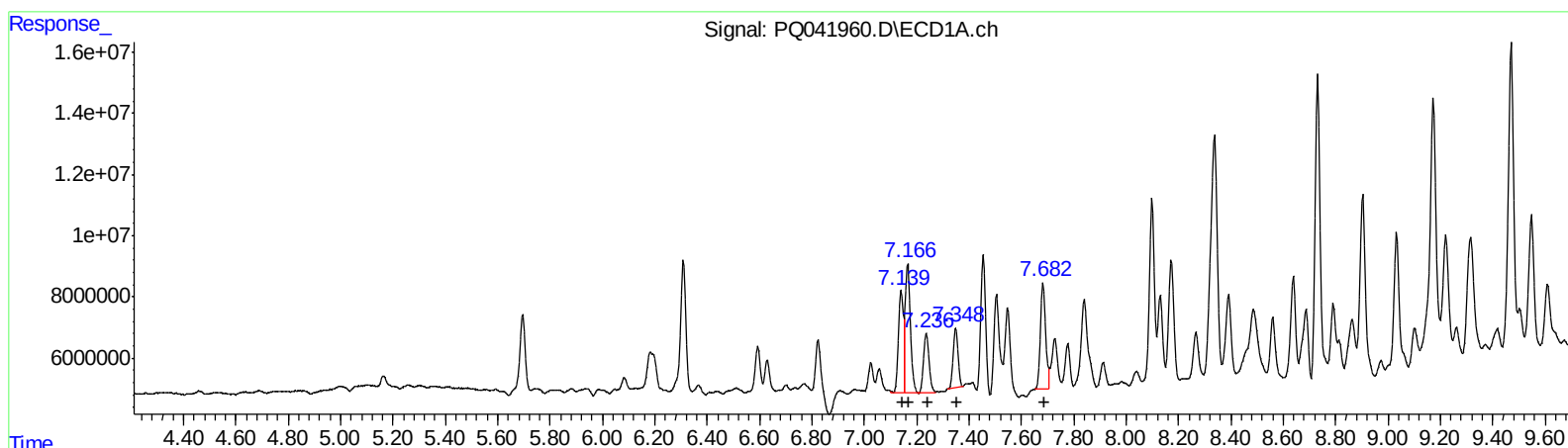
Instrument :
ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations
APPROVED

Ankita
8/2/2019 2:02:25 PM

Integration File signal 1: autoint1.e
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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



(3) AR-1016-1 (L1)

R.T.	Response	Conc
7.14	41332293	382.41
7.17	59660923	381.15
7.24	28352773	293.12
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(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
6.21	38802823	373.93
6.23	48054506	335.41
6.44	26035581	349.13
6.50	57671210	930.03
6.75	41573318	510.71

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 22:04
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

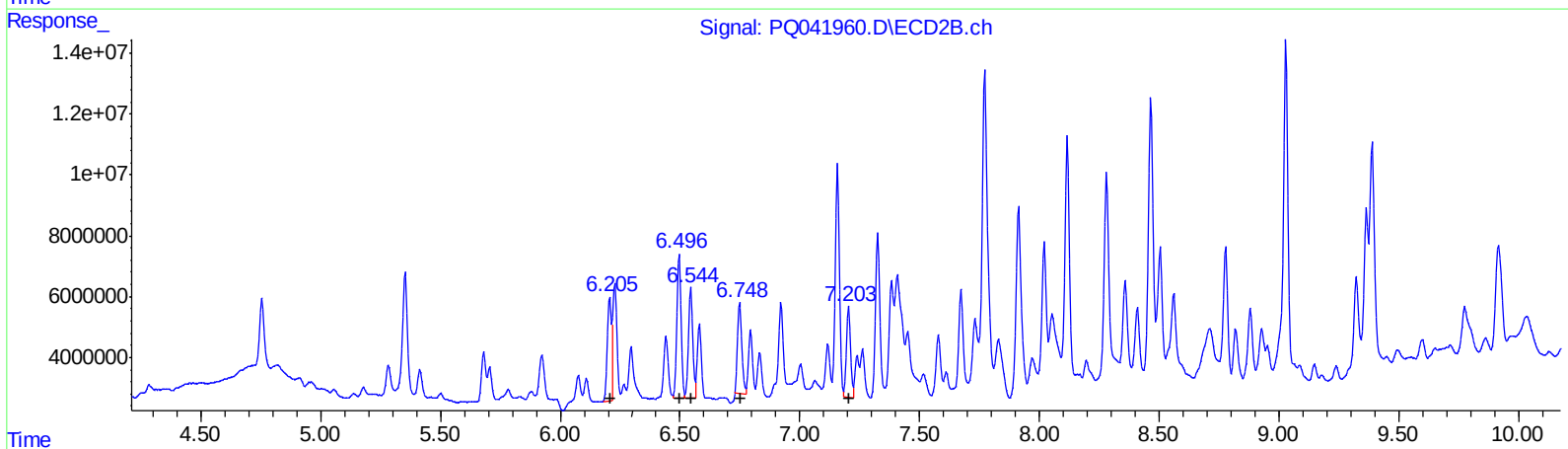
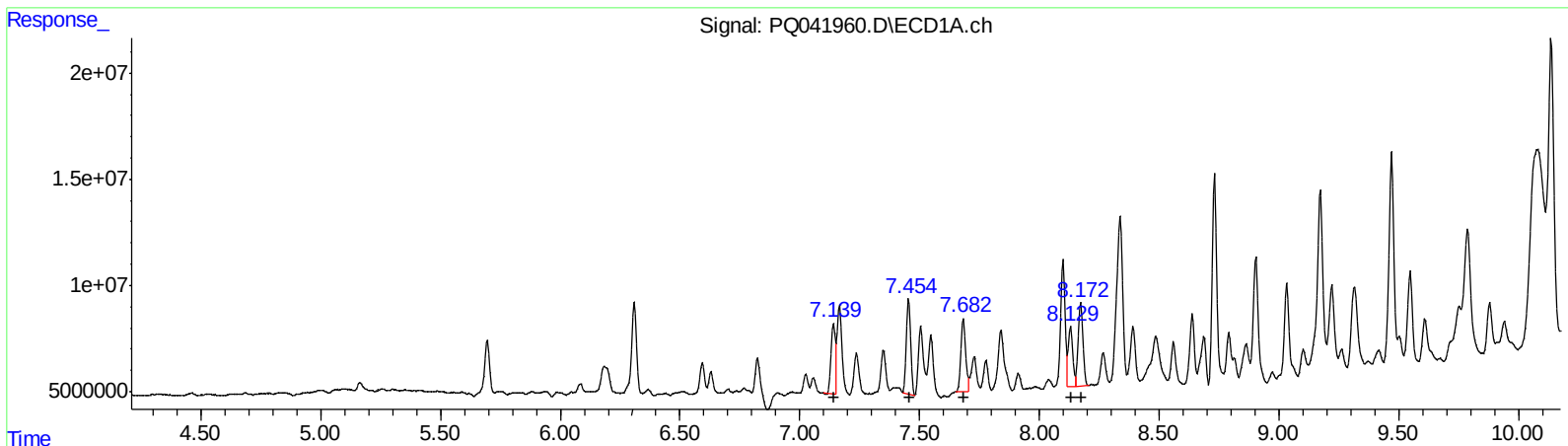
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ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations
APPROVED

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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

(21) AR-1248-1 (L5)

R.T.	Response	Conc
7.14	41332293	557.52
7.45	57609853	624.41
7.68	48876827	436.24
8.13	35804371	228.99
8.17	54950880	363.14

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

R.T.	Response	Conc
6.21	38802823	585.23
6.50	57671210	661.46
6.54	45207653	506.50
6.75	37590079	341.29
7.20	35900190	280.09

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
Data File : PQ041960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 22:04
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

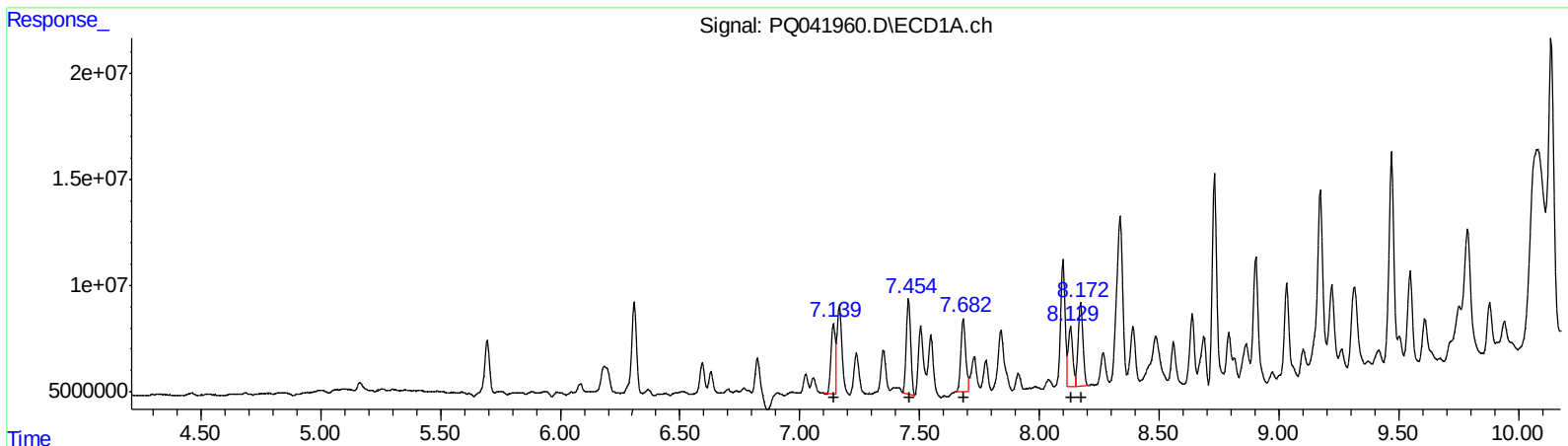
Instrument :
ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations
APPROVED

Ankita
8/2/2019 2:02:25 PM

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 41332293 557.52
7.45 57609853 624.41
7.68 48876827 436.24
8.13 35804371 228.99
8.17 54950880 363.14
(21) AR-1248-1 #2 (L5)
R.T. Response Conc
6.21 38802823 585.23
6.50 57671210 661.46
6.54 45207653 506.50
6.75 41977355 381.12
7.20 35900190 280.09

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
Data File : PQ041960.D
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Sample : K4028-12MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

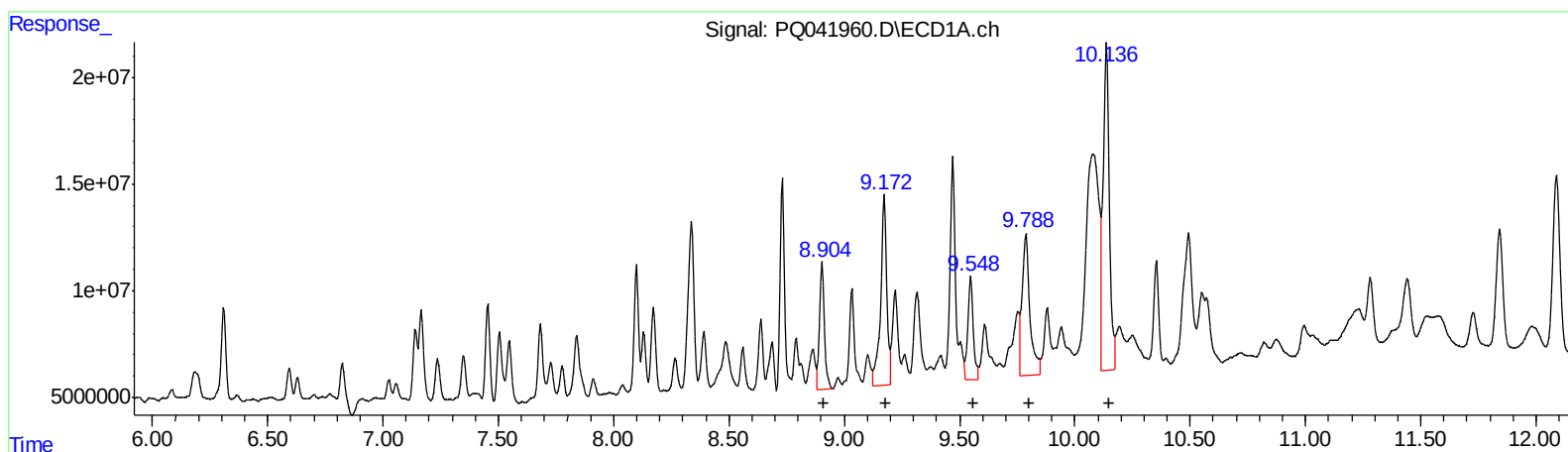
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Manual Integrations
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(31) AR-1260-1 (L7)
R.T. Response Conc
8.90 88539311 497.73
9.17 165481527 655.96
9.55 79744132 348.02
9.79 157613179 617.26
10.14 288177854 427.82

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.91 94471424 520.71
8.12 103617737 422.35
8.28 100805580 473.76
8.78 58638846 289.88
9.03 168694994 285.83

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
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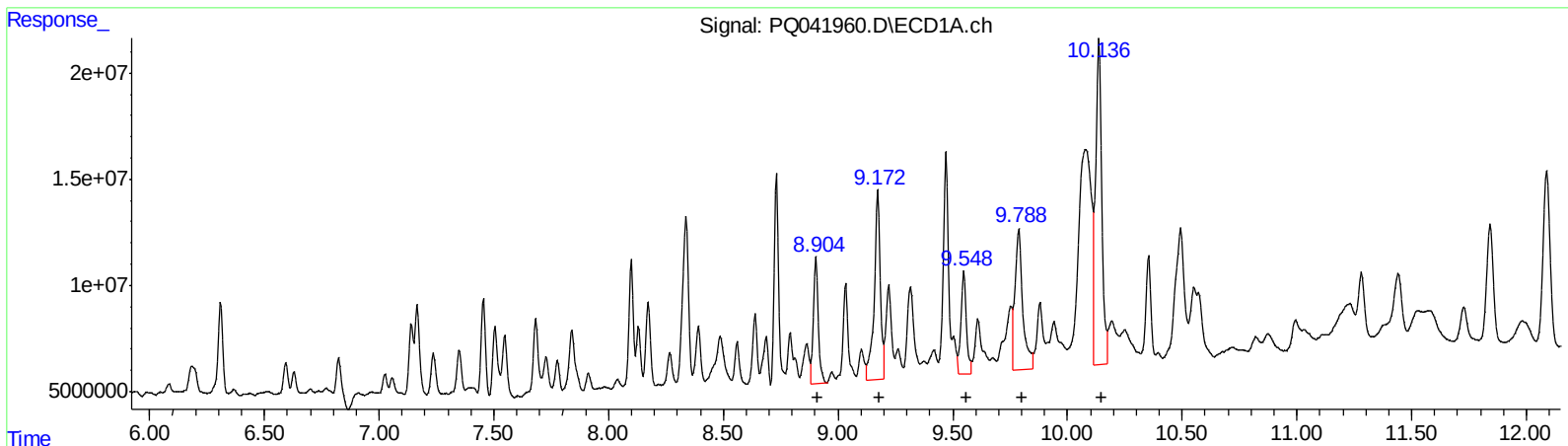
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9.55 79744132 348.02
9.79 157613179 617.26
10.14 288177854 427.82

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.91 94471424 520.71
8.12 103021289 419.92
8.28 94230686 442.86
8.78 58638846 289.88
9.03 143709066 243.49

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
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Instrument :
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Manual Integrations
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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...	5.695	4.753	33474010	29900709	14.596	15.515m
2) SA Decachlor...	12.087	10.505	177.0E6	167.8E6	20.989m	34.695m#

Target Compounds

3) L1 AR-1016-1	7.140	6.206	41332293	38802823	382.409	373.934
4) L1 AR-1016-2	7.165	6.228	59660923	48054506	381.153	335.414
5) L1 AR-1016-3	7.237	6.441	28352773	26035581	293.119	349.133
6) L1 AR-1016-4	7.349	6.496	25287712	57671210	324.142	930.026 #
7) L1 AR-1016-5	7.682	6.748	48876827	41573318	621.762	510.707m
21) L5 AR-1248-1	7.140	6.206	41332293	38802823	557.519	585.227
22) L5 AR-1248-2	7.454	6.496	57609853	57671210	624.408	661.460
23) L5 AR-1248-3	7.682	6.544	48876827	45207653	436.239	506.496
24) L5 AR-1248-4	8.130	6.748	35804371	41977355	228.989	381.122m#
25) L5 AR-1248-5	8.172	7.203	54950880	35900190	363.136	280.088
31) L7 AR-1260-1	8.904	7.913	88539311	94471424	497.732	520.705
32) L7 AR-1260-2	9.173	8.116	165.5E6	103.0E6	655.956	419.920m#
33) L7 AR-1260-3	9.548	8.280	79744132	94230686	348.024	442.860m#
34) L7 AR-1260-4	9.788	8.778	157.6E6	58638846	617.262	289.876 #
35) L7 AR-1260-5	10.137	9.029	288.2E6	143.7E6	427.823	243.492m#

AJ
 08/05/19

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