Quantitation Report (Qedit)

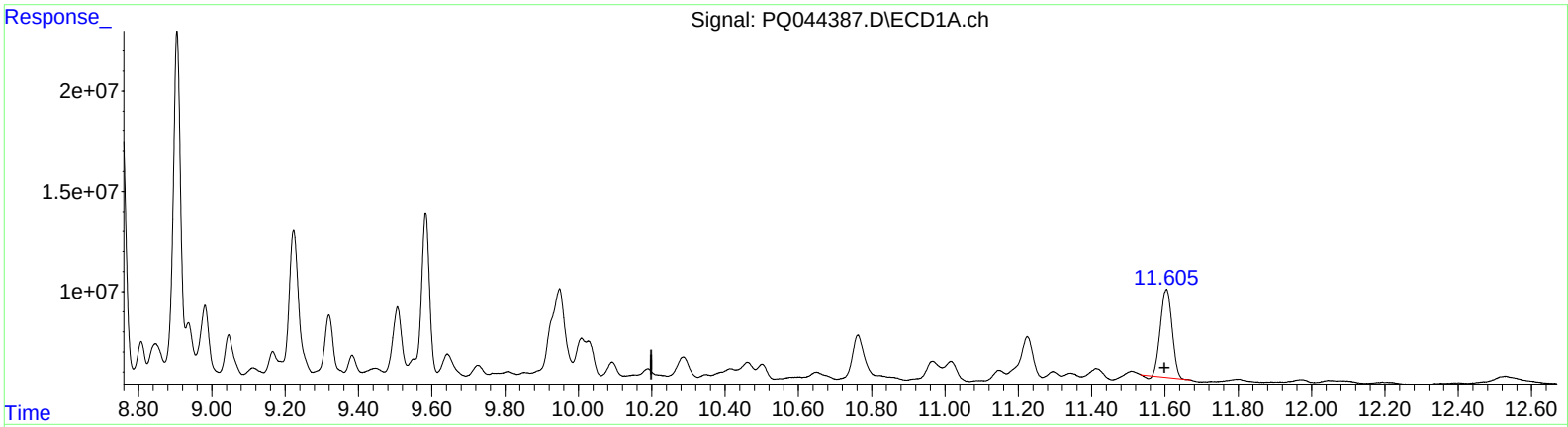
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101519\
Data File : PQ044387.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 15 Oct 2019  17:03
Operator  : HP\AJ
Sample  : K5322-08DL 2X
Misc  :
ALS Vial  : 18  Sample Multiplier: 1

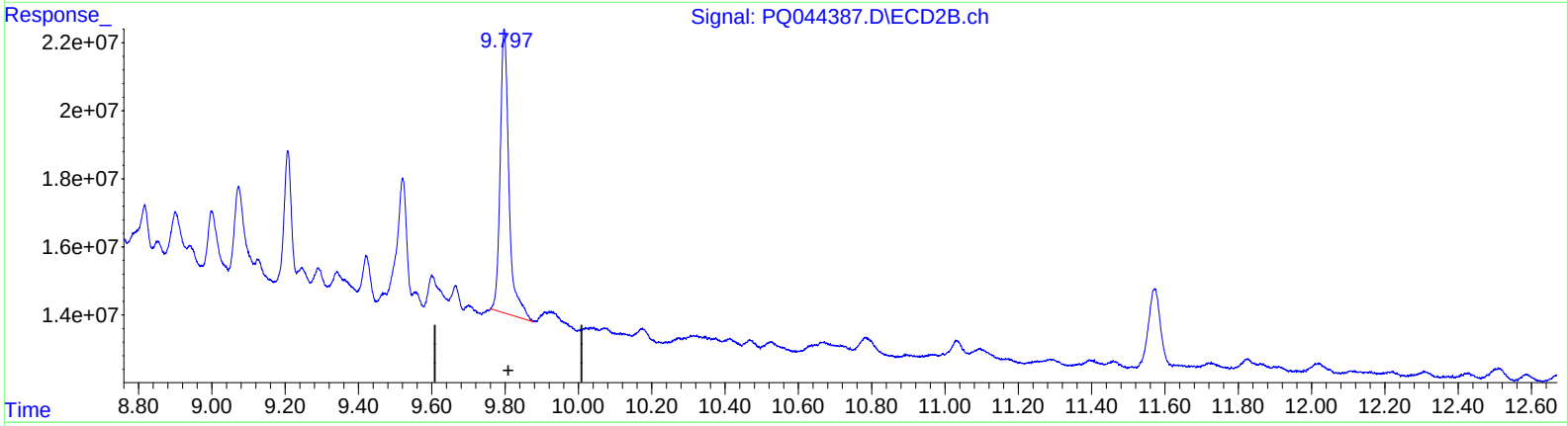
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:42:41 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 2019
Response via : Initial Calibration
Integrator: ChemStation

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

**Instrument :**
ECD_Q
**ClientSampleId :**
ESP16DL

**Manual Integrations APPROVED**
Ankita
10/16/2019 12:20:12 PM




QEdit

(2) Decachlorobiphenyl (SA)

11.604min  17.931 ng/ml

response  96065277

(2) Decachlorobiphenyl #2 (SA)

9.798min  23.367 ng/ml

response  139769938

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Sample : K5322-08DL 2X
Misc :
ALS Vial : 18  Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
ESP16DL

**Manual Integrations APPROVED**
Ankita
10/16/2019 12:20:12 PM

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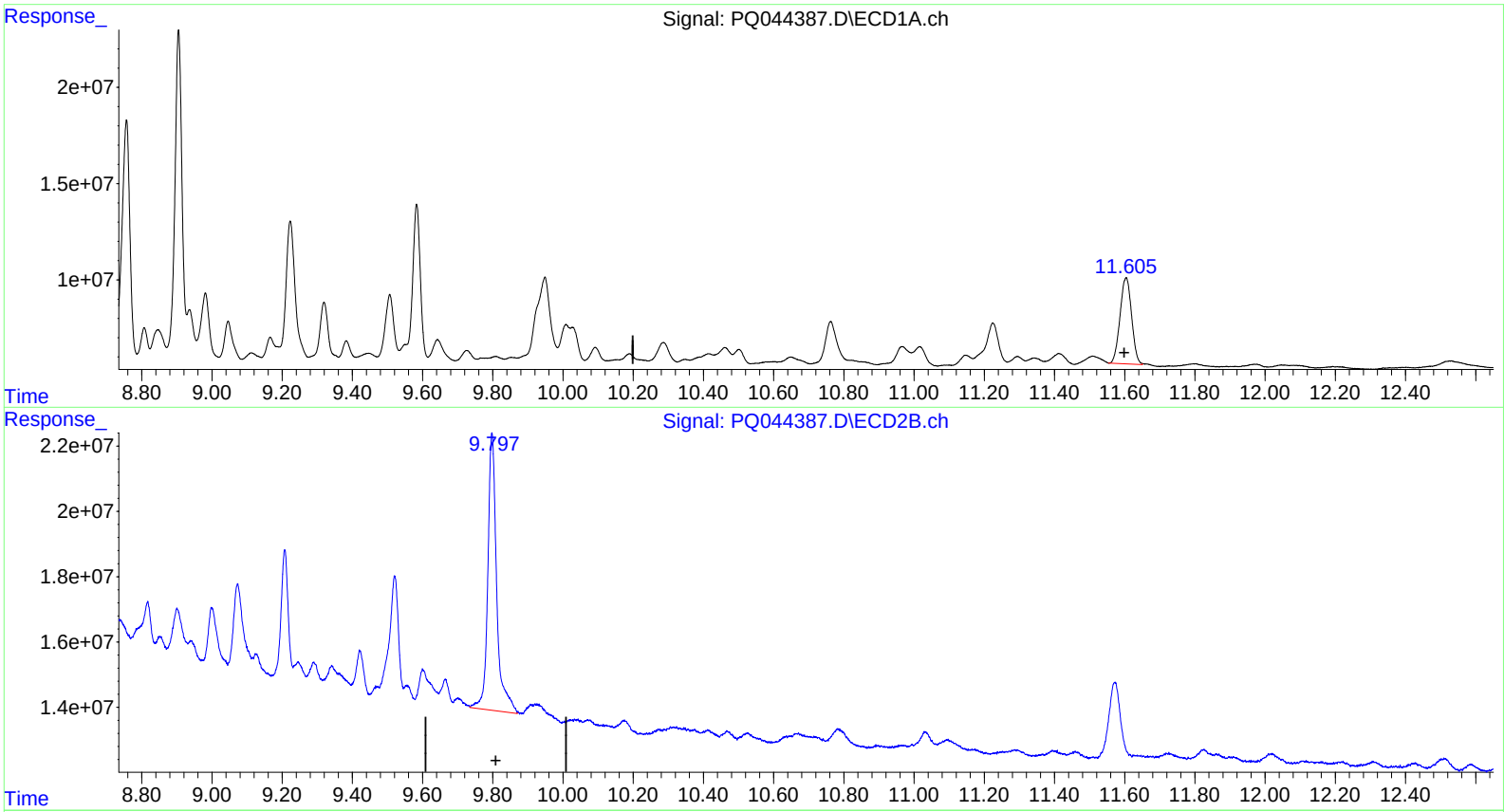
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(2) Decachlorobiphenyl (SA)
11.605min 19.050 ng/ml m
response 102060276

(2) Decachlorobiphenyl #2 (SA)
9.797min 24.926 ng/ml m
response 149094694

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101519\
Data File : PQ044387.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 15 Oct 2019  17:03
Operator  : HP\AJ
Sample  : K5322-08DL 2X
Misc  :
ALS Vial  : 18  Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
ESP16DL

**Manual Integrations APPROVED**
Ankita
10/16/2019 12:20:12 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:42:41 2019
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Integrator: ChemStation

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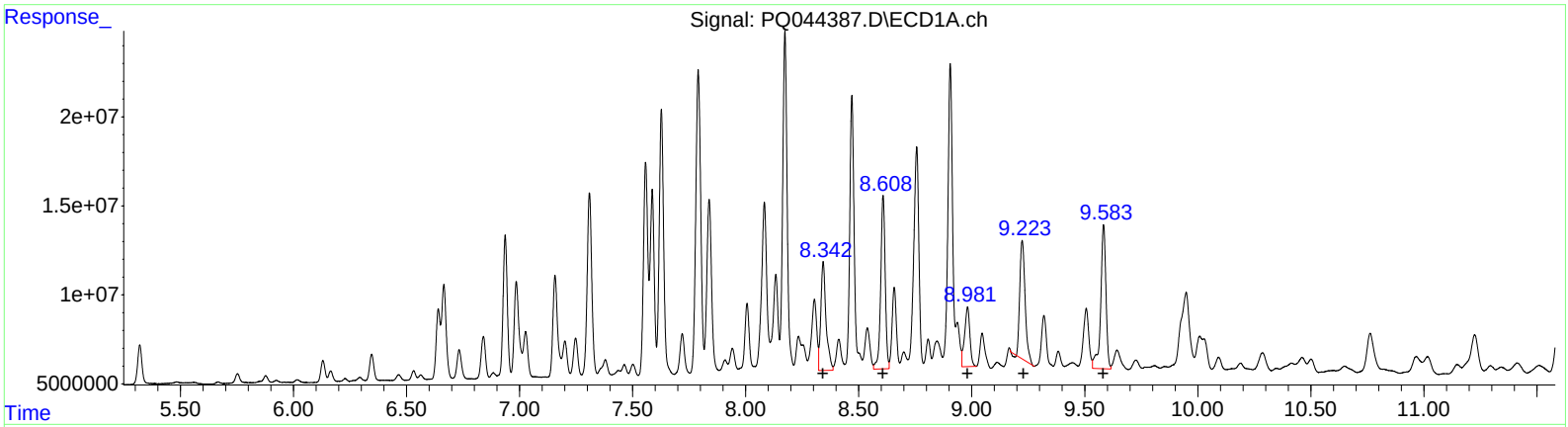
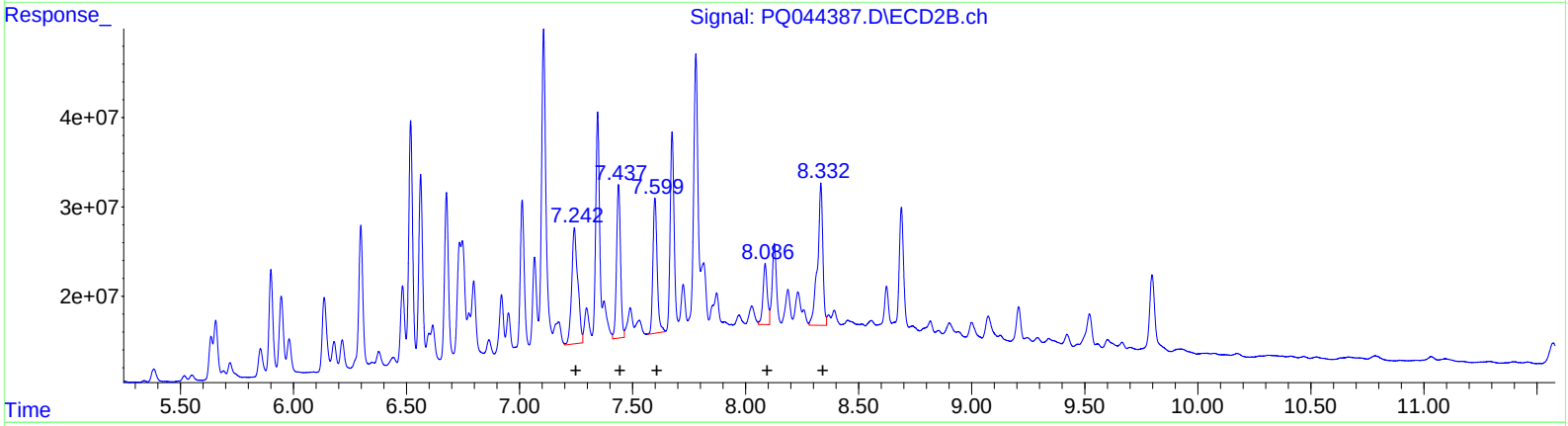
Signal #1 Info  : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(31) AR-1260-1 (L7)

| R.T. | Response | Conc |
|---|---|---|
| 8.34 | 98295035 | 652.98 |
| 8.61 | 135163204 | 686.77 |
| 8.98 | 54270468 | 338.49 |
| 9.22 | 109786446 | 562.27 |
| 9.58 | 130769024 | 286.03 |

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

| R.T. | Response | Conc |
|---|---|---|
| 7.24 | 241404690 | 992.85 |
| 7.44 | 210188056 | 696.32 |
| 7.60 | 197343875 | 701.24 |
| 8.09 | 90211119 | 358.59 |
| 8.33 | 257931800 | 402.43 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101519\
Data File : PQ044387.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
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Sample  : K5322-08DL 2X
Misc  :
ALS Vial  : 18  Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
ESP16DL

**Manual Integrations APPROVED**
Ankita
10/16/2019 12:20:12 PM

Integration File signal 1: autoint1.e
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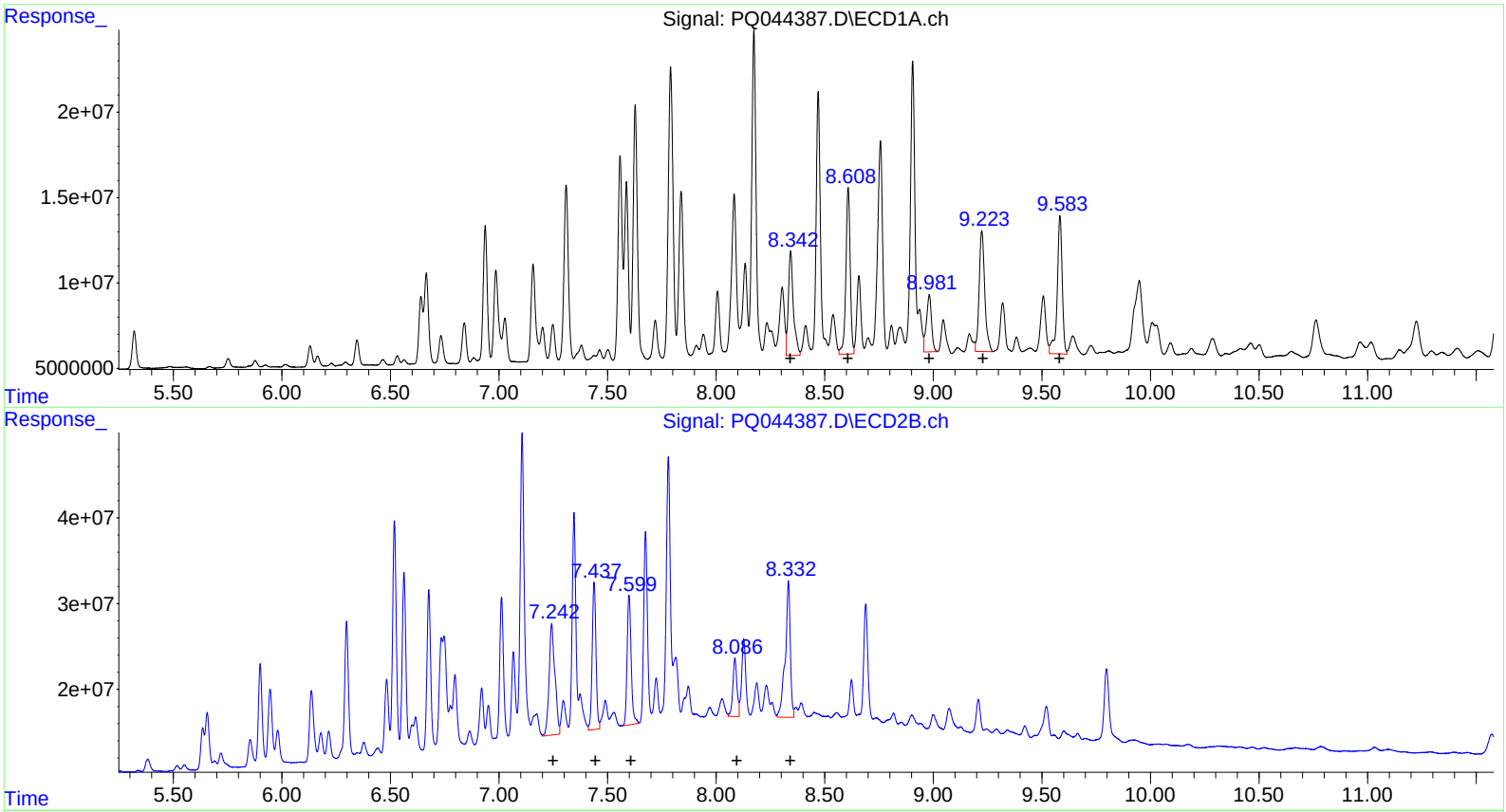
QLast Update : Thu Oct 10 02:55:10 2019
Response via : Initial Calibration
Integrator: ChemStation

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 (L7)

| R.T. | Response | Conc |
|---|---|---|
| 8.34 | 98295035 | 652.98 |
| 8.61 | 135163204 | 686.77 |
| 8.98 | 54270468 | 338.49 |
| 9.22 | 125942181 | 645.02 |
| 9.58 | 130769024 | 286.03 |

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

| R.T. | Response | Conc |
|---|---|---|
| 7.24 | 241404690 | 992.85 |
| 7.44 | 210188056 | 696.32 |
| 7.60 | 197343875 | 701.24 |
| 8.09 | 90211119 | 358.59 |
| 8.33 | 257931800 | 402.43 |

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101519\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2019 17:03
Operator : HP\AJ
Sample : K5322-08DL 2X
Misc :
ALS Vial : 18 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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 5.320 | 4.355 | 29381755 | 33115206 | 7.558 | 7.419 |
| 2) | SA Decachlor... | 11.605 | 9.797 | 102.1E6 | 149.1E6 | 19.050m | 24.926m# |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 6.640 | 5.635 | 48085236 | 51177395 | 655.319 | 565.170 |
| 22) | L5 AR-1248-2 | 6.936 | 5.900 | 106.2E6 | 145.0E6 | 1072.060 | 1046.309 |
| 23) | L5 AR-1248-3 | 7.157 | 5.946 | 82464644 | 116.6E6 | 763.572 | 824.588 |
| 24) | L5 AR-1248-4 | 7.587 | 6.136 | 130.6E6 | 116.4E6 | 1037.398 | 677.432 # |
| 25) | L5 AR-1248-5 | 7.627 | 6.562 | 204.1E6 | 251.9E6 | 1685.682 | 1504.766 |
| 31) | L7 AR-1260-1 | 8.343 | 7.242 | 98295035 | 241.4E6 | 652.978 | 992.851 # |
| 32) | L7 AR-1260-2 | 8.608 | 7.438 | 135.2E6 | 210.2E6 | 686.767 | 696.321 |
| 33) | L7 AR-1260-3 | 8.982 | 7.599 | 54270468 | 197.3E6 | 338.487 | 701.244 # |
| 34) | L7 AR-1260-4 | 9.223 | 8.086 | 125.9E6 | 90211119 | 645.017m | 358.591 # |
| 35) | L7 AR-1260-5 | 9.583 | 8.333 | 130.8E6 | 257.9E6 | 286.031 | 402.435 # |

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

Instrument :
ECD_Q
ClientSampleId :
ESP16DL

Manual Integrations APPROVED
Ankita
10/16/2019 12:20:12 PM

AJ 10/22/19