

rteres.txt

## Area Percent Report

Instrument :  
FID\_F  
ClientSampleId :  
SOIL-DRUM-B

Manual Integrations  
APPROVED

Sohil  
1/11/2019 3:39:22 PM

Data Path : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\FID\_F\Data\  
Data File : FF003208.D  
Signal(s) : FID2B.ch  
Acq On : 10 Jan 2019 21:25  
Sample : K1100-03  
Misc :  
ALS Vial : 66 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF010419.M  
Title :

Signal : FID2B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.350       | 4.322        | 4.371      | PH       | 859            | 8249         | 0.39%          | 0.068%        |
| 2         | 4.394       | 4.371        | 4.413      | PH       | 504            | 6036         | 0.29%          | 0.050%        |
| 3         | 4.420       | 4.413        | 4.437      | HH       | 306            | 2966         | 0.14%          | 0.024%        |
| 4         | 4.450       | 4.437        | 4.475      | HH       | 189            | -611         | -0.03%         | -0.005%       |
| 5         | 4.496       | 4.475        | 4.539      | PH       | 11520          | 99751        | 4.74%          | 0.822%        |
| 6         | 4.560       | 4.539        | 4.597      | PH       | 336            | -2744        | -0.13%         | -0.023%       |
| 7         | 4.605       | 4.597        | 4.616      | PH       | -291           | -4345        | -0.21%         | -0.036%       |
| 8         | 4.622       | 4.616        | 4.629      | PH       | -425           | -3513        | -0.17%         | -0.029%       |
| 9         | 4.636       | 4.629        | 4.644      | PH       | -401           | -3887        | -0.18%         | -0.032%       |
| 10        | 4.649       | 4.644        | 4.653      | PH       | -421           | -2445        | -0.12%         | -0.020%       |
| 11        | 4.657       | 4.653        | 4.668      | PH       | -401           | -4224        | -0.20%         | -0.035%       |
| 12        | 4.688       | 4.668        | 4.745      | PH       | -140           | -19043       | -0.91%         | -0.157%       |
| 13        | 4.753       | 4.745        | 4.758      | PH       | -556           | -4842        | -0.23%         | -0.040%       |
| 14        | 4.762       | 4.758        | 4.789      | PH       | -524           | -11622       | -0.55%         | -0.096%       |
| 15        | 4.799       | 4.789        | 4.813      | PH       | -578           | -8924        | -0.42%         | -0.074%       |
| 16        | 4.816       | 4.813        | 4.841      | PH       | -555           | -10798       | -0.51%         | -0.089%       |
| 17        | 4.848       | 4.841        | 4.863      | PH       | -645           | -9255        | -0.44%         | -0.076%       |
| 18        | 4.874       | 4.863        | 4.896      | PH       | -644           | -13798       | -0.66%         | -0.114%       |
| 19        | 4.942       | 4.896        | 4.981      | PH       | 280            | -21826       | -1.04%         | -0.180%       |
| 20        | 4.993       | 4.981        | 5.016      | PH       | -471           | -12605       | -0.60%         | -0.104%       |
| 21        | 5.048       | 5.016        | 5.059      | PH       | -298           | -12540       | -0.60%         | -0.103%       |
| 22        | 5.067       | 5.059        | 5.080      | PH       | -372           | -6272        | -0.30%         | -0.052%       |
| 23        | 5.089       | 5.080        | 5.111      | PH       | -508           | -11341       | -0.54%         | -0.093%       |
| 24        | 5.116       | 5.111        | 5.124      | PH       | -650           | -5517        | -0.26%         | -0.045%       |
| 25        | 5.129       | 5.124        | 5.135      | PH       | -638           | -4369        | -0.21%         | -0.036%       |
| 26        | 5.146       | 5.135        | 5.163      | PH       | -616           | -12186       | -0.58%         | -0.100%       |
| 27        | 5.170       | 5.163        | 5.174      | PH       | -663           | -4996        | -0.24%         | -0.041%       |
| 28        | 5.209       | 5.174        | 5.234      | PH       | -26            | -16353       | -0.78%         | -0.135%       |
| 29        | 5.240       | 5.234        | 5.250      | PH       | -628           | -6299        | -0.30%         | -0.052%       |
| 30        | 5.268       | 5.250        | 5.290      | PH       | -506           | -14892       | -0.71%         | -0.123%       |
| 31        | 5.293       | 5.290        | 5.331      | PH       | -664           | -17293       | -0.82%         | -0.143%       |
| 32        | 5.334       | 5.331        | 5.364      | PH       | -695           | -14663       | -0.70%         | -0.121%       |
| 33        | 5.389       | 5.364        | 5.409      | PH       | -29            | -13512       | -0.64%         | -0.111%       |
| 34        | 5.414       | 5.409        | 5.418      | PH       | -561           | -3011        | -0.14%         | -0.025%       |
| 35        | 5.421       | 5.418        | 5.425      | PH       | -557           | -2570        | -0.12%         | -0.021%       |
| 36        | 5.442       | 5.425        | 5.479      | PH       | -53            | -15310       | -0.73%         | -0.126%       |

| rteres.txt |       |       |       |    |       |        |        |         |  |
|------------|-------|-------|-------|----|-------|--------|--------|---------|--|
| 37         | 5.497 | 5.479 | 5.525 | PH | -269  | -12175 | -0.58% | -0.100% |  |
| 38         | 5.531 | 5.525 | 5.536 | PH | -399  | -2844  | -0.14% | -0.023% |  |
| 39         | 5.542 | 5.536 | 5.561 | PH | -371  | -7109  | -0.34% | -0.059% |  |
| 40         | 5.568 | 5.561 | 5.608 | PH | -329  | -15503 | -0.74% | -0.128% |  |
| 41         | 5.620 | 5.608 | 5.624 | PH | -460  | -4765  | -0.23% | -0.039% |  |
| 42         | 5.629 | 5.624 | 5.642 | PH | -439  | -5476  | -0.26% | -0.045% |  |
| 43         | 5.646 | 5.642 | 5.655 | PH | -434  | -3956  | -0.19% | -0.033% |  |
| 44         | 5.663 | 5.655 | 5.674 | PH | -498  | -5911  | -0.28% | -0.049% |  |
| 45         | 5.688 | 5.674 | 5.698 | PH | -440  | -7084  | -0.34% | -0.058% |  |
| 46         | 5.703 | 5.698 | 5.711 | PH | -529  | -4409  | -0.21% | -0.036% |  |
| 47         | 5.730 | 5.711 | 5.746 | PH | -405  | -10448 | -0.50% | -0.086% |  |
| 48         | 5.755 | 5.746 | 5.792 | PH | -446  | -15802 | -0.75% | -0.130% |  |
| 49         | 5.804 | 5.792 | 5.819 | PH | -572  | -10463 | -0.50% | -0.086% |  |
| 50         | 5.838 | 5.819 | 5.856 | PH | -419  | -12017 | -0.57% | -0.099% |  |
| 51         | 5.862 | 5.856 | 5.876 | PH | -581  | -7417  | -0.35% | -0.061% |  |
| 52         | 5.935 | 5.876 | 5.972 | PH | 10559 | 92643  | 4.41%  | 0.764%  |  |
| 53         | 5.999 | 5.972 | 6.054 | PH | 1291  | 15725  | 0.75%  | 0.130%  |  |
| 54         | 6.089 | 6.054 | 6.141 | PH | 1366  | 9915   | 0.47%  | 0.082%  |  |
| 55         | 6.146 | 6.141 | 6.150 | PH | -312  | -1897  | -0.09% | -0.016% |  |
| 56         | 6.164 | 6.150 | 6.170 | PH | -265  | -3791  | -0.18% | -0.031% |  |
| 57         | 6.174 | 6.170 | 6.196 | PH | -233  | -6207  | -0.30% | -0.051% |  |
| 58         | 6.219 | 6.196 | 6.255 | PH | -114  | -10032 | -0.48% | -0.083% |  |
| 59         | 6.263 | 6.255 | 6.291 | PH | -349  | -10152 | -0.48% | -0.084% |  |
| 60         | 6.295 | 6.291 | 6.314 | PH | -458  | -7393  | -0.35% | -0.061% |  |
| 61         | 6.317 | 6.314 | 6.335 | PH | -485  | -7208  | -0.34% | -0.059% |  |
| 62         | 6.368 | 6.335 | 6.401 | PH | 541   | -10779 | -0.51% | -0.089% |  |
| 63         | 6.405 | 6.401 | 6.410 | PH | -613  | -3409  | -0.16% | -0.028% |  |
| 64         | 6.417 | 6.410 | 6.432 | PH | -543  | -8286  | -0.39% | -0.068% |  |
| 65         | 6.438 | 6.432 | 6.452 | PH | -576  | -7938  | -0.38% | -0.065% |  |
| 66         | 6.487 | 6.452 | 6.496 | PH | -469  | -14881 | -0.71% | -0.123% |  |
| 67         | 6.516 | 6.496 | 6.547 | PH | -306  | -14772 | -0.70% | -0.122% |  |
| 68         | 6.573 | 6.547 | 6.587 | PH | -214  | -10323 | -0.49% | -0.085% |  |
| 69         | 6.593 | 6.587 | 6.604 | PH | -342  | -4036  | -0.19% | -0.033% |  |
| 70         | 6.618 | 6.604 | 6.629 | PH | -129  | -3681  | -0.18% | -0.030% |  |
| 71         | 6.639 | 6.629 | 6.666 | PH | -228  | -9813  | -0.47% | -0.081% |  |
| 72         | 6.684 | 6.666 | 6.712 | PH | -400  | -15234 | -0.72% | -0.126% |  |
| 73         | 6.717 | 6.712 | 6.738 | PH | -553  | -9643  | -0.46% | -0.079% |  |
| 74         | 6.756 | 6.738 | 6.773 | PH | -500  | -12771 | -0.61% | -0.105% |  |
| 75         | 6.807 | 6.773 | 6.832 | PH | -484  | -20541 | -0.98% | -0.169% |  |
| 76         | 6.842 | 6.832 | 6.853 | PH | -403  | -5867  | -0.28% | -0.048% |  |
| 77         | 6.861 | 6.853 | 6.870 | PH | -316  | -4203  | -0.20% | -0.035% |  |
| 78         | 6.890 | 6.870 | 6.917 | PH | -230  | -11010 | -0.52% | -0.091% |  |
| 79         | 6.927 | 6.917 | 6.952 | PH | -360  | -10832 | -0.52% | -0.089% |  |
| 80         | 6.990 | 6.952 | 7.012 | PH | 2374  | 13852  | 0.66%  | 0.114%  |  |
| 81         | 7.025 | 7.012 | 7.052 | PH | -103  | -7637  | -0.36% | -0.063% |  |
| 82         | 7.069 | 7.052 | 7.100 | PH | -198  | -12462 | -0.59% | -0.103% |  |
| 83         | 7.124 | 7.100 | 7.176 | PH | 1688  | -1990  | -0.09% | -0.016% |  |
| 84         | 7.180 | 7.176 | 7.198 | PH | -580  | -8075  | -0.38% | -0.067% |  |
| 85         | 7.202 | 7.198 | 7.233 | PH | -635  | -14526 | -0.69% | -0.120% |  |
| 86         | 7.250 | 7.233 | 7.261 | PH | -556  | -10231 | -0.49% | -0.084% |  |
| 87         | 7.290 | 7.261 | 7.336 | PH | 989   | -13062 | -0.62% | -0.108% |  |
| 88         | 7.358 | 7.336 | 7.381 | PH | -664  | -20018 | -0.95% | -0.165% |  |
| 89         | 7.386 | 7.381 | 7.396 | PH | -778  | -7190  | -0.34% | -0.059% |  |

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|------------|-------|-------|-------|----|--------|---------|--------|---------|--|
| 90         | 7.406 | 7.396 | 7.419 | PH | -716   | -10634  | -0.51% | -0.088% |  |
| 91         | 7.435 | 7.419 | 7.440 | PH | -434   | -6906   | -0.33% | -0.057% |  |
| 92         | 7.445 | 7.440 | 7.494 | PH | -394   | -18050  | -0.86% | -0.149% |  |
| 93         | 7.521 | 7.494 | 7.553 | PH | -422   | -20880  | -0.99% | -0.172% |  |
| 94         | 7.572 | 7.553 | 7.616 | PH | 240    | -17242  | -0.82% | -0.142% |  |
| 95         | 7.629 | 7.616 | 7.641 | PH | -653   | -11044  | -0.53% | -0.091% |  |
| 96         | 7.647 | 7.641 | 7.664 | PH | -686   | -10786  | -0.51% | -0.089% |  |
| 97         | 7.712 | 7.664 | 7.724 | PH | 155    | -14405  | -0.68% | -0.119% |  |
| 98         | 7.739 | 7.724 | 7.757 | PH | 513    | 1161    | 0.06%  | 0.010%  |  |
| 99         | 7.766 | 7.757 | 7.794 | PH | -201   | -9650   | -0.46% | -0.080% |  |
| 100        | 7.811 | 7.794 | 7.825 | PH | -556   | -11943  | -0.57% | -0.098% |  |
| 101        | 7.830 | 7.825 | 7.840 | PH | -716   | -7195   | -0.34% | -0.059% |  |
| 102        | 7.860 | 7.840 | 7.867 | PH | -438   | -10018  | -0.48% | -0.083% |  |
| 103        | 7.881 | 7.867 | 7.900 | PH | -467   | -10750  | -0.51% | -0.089% |  |
| 104        | 7.910 | 7.900 | 7.938 | PH | -590   | -16038  | -0.76% | -0.132% |  |
| 105        | 7.944 | 7.938 | 7.952 | PH | -688   | -6410   | -0.30% | -0.053% |  |
| 106        | 7.982 | 7.952 | 8.000 | PH | -236   | -13788  | -0.66% | -0.114% |  |
| 107        | 8.019 | 8.000 | 8.038 | PH | -511   | -13067  | -0.62% | -0.108% |  |
| 108        | 8.057 | 8.038 | 8.064 | PH | -440   | -8200   | -0.39% | -0.068% |  |
| 109        | 8.084 | 8.064 | 8.100 | PH | 155    | -3725   | -0.18% | -0.031% |  |
| 110        | 8.126 | 8.100 | 8.148 | PH | 5048   | 59090   | 2.81%  | 0.487%  |  |
| 111        | 8.159 | 8.148 | 8.189 | HH | 913    | 3450    | 0.16%  | 0.028%  |  |
| 112        | 8.218 | 8.189 | 8.375 | PH | 134716 | 1575291 | 74.91% | 12.984% |  |
| 113        | 8.392 | 8.375 | 8.398 | PH | -215   | -3545   | -0.17% | -0.029% |  |
| 114        | 8.418 | 8.398 | 8.471 | PH | 849    | 4645    | 0.22%  | 0.038%  |  |
| 115        | 8.478 | 8.471 | 8.498 | PH | -413   | -7065   | -0.34% | -0.058% |  |
| 116        | 8.517 | 8.498 | 8.538 | PH | -115   | -8310   | -0.40% | -0.068% |  |
| 117        | 8.562 | 8.538 | 8.580 | PH | 1533   | 9429    | 0.45%  | 0.078%  |  |
| 118        | 8.595 | 8.580 | 8.612 | PH | 133    | -5      | -0.00% | -0.000% |  |
| 119        | 8.629 | 8.612 | 8.681 | PH | 1266   | 4918    | 0.23%  | 0.041%  |  |
| 120        | 8.694 | 8.681 | 8.730 | PH | -161   | -14060  | -0.67% | -0.116% |  |
| 121        | 8.760 | 8.730 | 8.789 | PH | -57    | -14717  | -0.70% | -0.121% |  |
| 122        | 8.798 | 8.789 | 8.819 | PH | -428   | -9470   | -0.45% | -0.078% |  |
| 123        | 8.836 | 8.819 | 8.862 | PH | 179    | -7075   | -0.34% | -0.058% |  |
| 124        | 8.899 | 8.862 | 8.955 | PH | -113   | -24884  | -1.18% | -0.205% |  |
| 125        | 8.981 | 8.955 | 9.008 | PH | 732    | -2526   | -0.12% | -0.021% |  |
| 126        | 9.016 | 9.008 | 9.021 | PH | -368   | -3392   | -0.16% | -0.028% |  |
| 127        | 9.029 | 9.021 | 9.051 | PH | -390   | -9591   | -0.46% | -0.079% |  |
| 128        | 9.061 | 9.051 | 9.071 | PH | -629   | -8549   | -0.41% | -0.070% |  |
| 129        | 9.078 | 9.071 | 9.090 | PH | -698   | -8324   | -0.40% | -0.069% |  |
| 130        | 9.096 | 9.090 | 9.104 | PH | -739   | -6575   | -0.31% | -0.054% |  |
| 131        | 9.127 | 9.104 | 9.145 | PH | -581   | -16927  | -0.80% | -0.140% |  |
| 132        | 9.170 | 9.145 | 9.190 | PH | -447   | -15220  | -0.72% | -0.125% |  |
| 133        | 9.194 | 9.190 | 9.198 | PH | -682   | -3706   | -0.18% | -0.031% |  |
| 134        | 9.208 | 9.198 | 9.223 | PH | -626   | -10151  | -0.48% | -0.084% |  |
| 135        | 9.240 | 9.223 | 9.246 | PH | -549   | -8903   | -0.42% | -0.073% |  |
| 136        | 9.258 | 9.246 | 9.290 | PH | -563   | -17173  | -0.82% | -0.142% |  |
| 137        | 9.311 | 9.290 | 9.328 | PH | 248    | -4493   | -0.21% | -0.037% |  |
| 138        | 9.347 | 9.328 | 9.380 | PH | 1847   | 18363   | 0.87%  | 0.151%  |  |
| 139        | 9.391 | 9.380 | 9.417 | PH | -142   | -6952   | -0.33% | -0.057% |  |
| 140        | 9.430 | 9.417 | 9.456 | PH | -275   | -8659   | -0.41% | -0.071% |  |
| 141        | 9.469 | 9.456 | 9.485 | PH | -197   | -4905   | -0.23% | -0.040% |  |

|     |        |        |        |    | rteres.txt |        |        |         |
|-----|--------|--------|--------|----|------------|--------|--------|---------|
| 142 | 9.491  | 9.485  | 9.511  | PH | -203       | -4513  | -0.21% | -0.037% |
| 143 | 9.536  | 9.511  | 9.543  | PH | -355       | -7818  | -0.37% | -0.064% |
| 144 | 9.545  | 9.543  | 9.572  | PH | -389       | -9166  | -0.44% | -0.076% |
| 145 | 9.593  | 9.572  | 9.612  | PH | 1          | -8198  | -0.39% | -0.068% |
| 146 | 9.625  | 9.612  | 9.657  | PH | -405       | -15057 | -0.72% | -0.124% |
| 147 | 9.673  | 9.657  | 9.686  | PH | -193       | -5604  | -0.27% | -0.046% |
| 148 | 9.692  | 9.686  | 9.734  | PH | -182       | -10337 | -0.49% | -0.085% |
| 149 | 9.760  | 9.734  | 9.767  | PH | 1291       | 7473   | 0.36%  | 0.062%  |
| 150 | 9.782  | 9.767  | 9.889  | HH | 2820       | 27532  | 1.31%  | 0.227%  |
| 151 | 9.908  | 9.889  | 9.956  | PH | 478        | -7783  | -0.37% | -0.064% |
| 152 | 9.959  | 9.956  | 9.965  | PH | -487       | -2877  | -0.14% | -0.024% |
| 153 | 9.981  | 9.965  | 9.990  | PH | -462       | -7748  | -0.37% | -0.064% |
| 154 | 9.993  | 9.990  | 9.998  | PH | -549       | -2856  | -0.14% | -0.024% |
| 155 | 10.025 | 9.998  | 10.045 | PH | -459       | -15699 | -0.75% | -0.129% |
| 156 | 10.052 | 10.045 | 10.065 | PH | -564       | -7436  | -0.35% | -0.061% |
| 157 | 10.109 | 10.065 | 10.124 | PH | -66        | -11280 | -0.54% | -0.093% |
| 158 | 10.149 | 10.124 | 10.170 | PH | 290        | -738   | -0.04% | -0.006% |
| 159 | 10.198 | 10.170 | 10.215 | PH | -40        | -6769  | -0.32% | -0.056% |
| 160 | 10.231 | 10.215 | 10.258 | PH | 58         | -3420  | -0.16% | -0.028% |
| 161 | 10.272 | 10.258 | 10.299 | PH | -95        | -4908  | -0.23% | -0.040% |
| 162 | 10.313 | 10.299 | 10.329 | PH | -75        | -3585  | -0.17% | -0.030% |
| 163 | 10.343 | 10.329 | 10.364 | PH | -152       | -5896  | -0.28% | -0.049% |
| 164 | 10.378 | 10.364 | 10.391 | PH | 13         | -1797  | -0.09% | -0.015% |
| 165 | 10.396 | 10.391 | 10.408 | PH | -106       | -1472  | -0.07% | -0.012% |
| 166 | 10.421 | 10.408 | 10.437 | PH | -89        | -2399  | -0.11% | -0.020% |
| 167 | 10.452 | 10.437 | 10.466 | PH | 391        | 2823   | 0.13%  | 0.023%  |
| 168 | 10.497 | 10.466 | 10.526 | PH | 1516       | 15282  | 0.73%  | 0.126%  |
| 169 | 10.558 | 10.526 | 10.621 | PH | 529        | 7170   | 0.34%  | 0.059%  |
| 170 | 10.630 | 10.621 | 10.637 | PH | 14         | -918   | -0.04% | -0.008% |
| 171 | 10.639 | 10.637 | 10.659 | PH | -77        | -2810  | -0.13% | -0.023% |
| 172 | 10.662 | 10.659 | 10.666 | PH | -335       | -1443  | -0.07% | -0.012% |
| 173 | 10.670 | 10.666 | 10.696 | PH | -310       | -6250  | -0.30% | -0.052% |
| 174 | 10.712 | 10.696 | 10.723 | PH | 1          | -2671  | -0.13% | -0.022% |
| 175 | 10.747 | 10.723 | 10.802 | PH | 7929       | 106488 | 5.06%  | 0.878%  |
| 176 | 10.822 | 10.802 | 10.860 | HH | 1551       | 22480  | 1.07%  | 0.185%  |
| 177 | 10.876 | 10.860 | 10.904 | HH | 280        | 2054   | 0.10%  | 0.017%  |
| 178 | 10.909 | 10.904 | 10.935 | PH | -6         | -2163  | -0.10% | -0.018% |
| 179 | 10.952 | 10.935 | 10.975 | PH | -89        | -4857  | -0.23% | -0.040% |
| 180 | 10.981 | 10.975 | 10.985 | PH | -287       | -1860  | -0.09% | -0.015% |
| 181 | 11.011 | 10.985 | 11.026 | PH | -89        | -4249  | -0.20% | -0.035% |
| 182 | 11.045 | 11.026 | 11.086 | PH | 788        | 9263   | 0.44%  | 0.076%  |
| 183 | 11.092 | 11.086 | 11.103 | PH | -123       | -1637  | -0.08% | -0.013% |
| 184 | 11.142 | 11.103 | 11.151 | PH | -44        | -4337  | -0.21% | -0.036% |
| 185 | 11.201 | 11.151 | 11.255 | PH | 1762       | 14724  | 0.70%  | 0.121%  |
| 186 | 11.282 | 11.255 | 11.329 | PH | 471        | 2601   | 0.12%  | 0.021%  |
| 187 | 11.352 | 11.329 | 11.373 | PH | -47        | -4800  | -0.23% | -0.040% |
| 188 | 11.399 | 11.373 | 11.429 | PH | 2          | -5961  | -0.28% | -0.049% |
| 189 | 11.465 | 11.429 | 11.529 | PH | 360        | 4712   | 0.22%  | 0.039%  |
| 190 | 11.549 | 11.529 | 11.567 | PH | 748        | 8673   | 0.41%  | 0.071%  |
| 191 | 11.581 | 11.567 | 11.599 | HH | 705        | 9184   | 0.44%  | 0.076%  |
| 192 | 11.619 | 11.599 | 11.647 | HH | 1173       | 19677  | 0.94%  | 0.162%  |
| 193 | 11.664 | 11.647 | 11.717 | HH | 980        | 19072  | 0.91%  | 0.157%  |
| 194 | 11.730 | 11.717 | 11.769 | PH | 344        | 2610   | 0.12%  | 0.022%  |

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| rteres.txt |        |        |        |    |       |        |        |         |
|------------|--------|--------|--------|----|-------|--------|--------|---------|
| 195        | 11.802 | 11.769 | 11.821 | PH | 41    | -2133  | -0.10% | -0.018% |
| 196        | 11.824 | 11.821 | 11.831 | PH | 19    | -241   | -0.01% | -0.002% |
| 197        | 11.870 | 11.831 | 11.895 | PH | 1777  | 26871  | 1.28%  | 0.221%  |
| 198        | 11.914 | 11.895 | 11.940 | HH | 359   | 5873   | 0.28%  | 0.048%  |
| 199        | 11.961 | 11.940 | 11.988 | HH | 565   | 8959   | 0.43%  | 0.074%  |
| 200        | 12.004 | 11.988 | 12.008 | PH | 154   | 1355   | 0.06%  | 0.011%  |
| 201        | 12.022 | 12.008 | 12.048 | HH | 405   | 4916   | 0.23%  | 0.041%  |
| 202        | 12.072 | 12.048 | 12.096 | HH | 262   | 4026   | 0.19%  | 0.033%  |
| 203        | 12.120 | 12.096 | 12.179 | HH | 36373 | 416236 | 19.79% | 3.431%  |
| 204        | 12.192 | 12.179 | 12.227 | HH | 681   | 14833  | 0.71%  | 0.122%  |
| 205        | 12.230 | 12.227 | 12.242 | HH | 435   | 3112   | 0.15%  | 0.026%  |
| 206        | 12.246 | 12.242 | 12.250 | HH | 348   | 1306   | 0.06%  | 0.011%  |
| 207        | 12.257 | 12.250 | 12.266 | HH | 385   | 3024   | 0.14%  | 0.025%  |
| 208        | 12.285 | 12.266 | 12.325 | HH | 516   | 12351  | 0.59%  | 0.102%  |
| 209        | 12.338 | 12.325 | 12.397 | HH | 404   | 9390   | 0.45%  | 0.077%  |
| 210        | 12.404 | 12.397 | 12.410 | HH | 233   | 1250   | 0.06%  | 0.010%  |
| 211        | 12.453 | 12.410 | 12.476 | HH | 676   | 15370  | 0.73%  | 0.127%  |
| 212        | 12.511 | 12.476 | 12.536 | HH | 2954  | 41416  | 1.97%  | 0.341%  |
| 213        | 12.566 | 12.536 | 12.633 | HH | 5056  | 78224  | 3.72%  | 0.645%  |
| 214        | 12.638 | 12.633 | 12.681 | HH | 373   | 5599   | 0.27%  | 0.046%  |
| 215        | 12.690 | 12.681 | 12.713 | HH | 278   | 3305   | 0.16%  | 0.027%  |
| 216        | 12.759 | 12.713 | 12.817 | HH | 671   | 21406  | 1.02%  | 0.176%  |
| 217        | 12.822 | 12.817 | 12.839 | HH | 270   | 2824   | 0.13%  | 0.023%  |
| 218        | 12.864 | 12.839 | 12.889 | HH | 4421  | 55650  | 2.65%  | 0.459%  |
| 219        | 12.919 | 12.889 | 12.942 | HH | 1263  | 26639  | 1.27%  | 0.220%  |
| 220        | 12.959 | 12.942 | 12.994 | HH | 803   | 15654  | 0.74%  | 0.129%  |
| 221        | 12.999 | 12.994 | 13.009 | HH | 403   | 3355   | 0.16%  | 0.028%  |
| 222        | 13.012 | 13.009 | 13.035 | HH | 373   | 4735   | 0.23%  | 0.039%  |
| 223        | 13.042 | 13.035 | 13.046 | HH | 388   | 2200   | 0.10%  | 0.018%  |
| 224        | 13.050 | 13.046 | 13.055 | HH | 359   | 1846   | 0.09%  | 0.015%  |
| 225        | 13.068 | 13.055 | 13.097 | HH | 459   | 7698   | 0.37%  | 0.063%  |
| 226        | 13.124 | 13.097 | 13.177 | HH | 4300  | 73550  | 3.50%  | 0.606%  |
| 227        | 13.195 | 13.177 | 13.219 | HH | 760   | 15135  | 0.72%  | 0.125%  |
| 228        | 13.227 | 13.219 | 13.249 | HH | 612   | 8872   | 0.42%  | 0.073%  |
| 229        | 13.253 | 13.249 | 13.276 | HH | 431   | 5840   | 0.28%  | 0.048%  |
| 230        | 13.317 | 13.276 | 13.338 | HH | 1521  | 30457  | 1.45%  | 0.251%  |
| 231        | 13.354 | 13.338 | 13.386 | HH | 2110  | 36590  | 1.74%  | 0.302%  |
| 232        | 13.403 | 13.386 | 13.427 | HH | 1255  | 20960  | 1.00%  | 0.173%  |
| 233        | 13.459 | 13.427 | 13.488 | HH | 1024  | 27152  | 1.29%  | 0.224%  |
| 234        | 13.510 | 13.488 | 13.541 | HH | 1023  | 23701  | 1.13%  | 0.195%  |
| 235        | 13.568 | 13.541 | 13.594 | HH | 1200  | 28108  | 1.34%  | 0.232%  |
| 236        | 13.603 | 13.594 | 13.633 | HH | 849   | 16823  | 0.80%  | 0.139%  |
| 237        | 13.664 | 13.633 | 13.686 | HH | 3845  | 58955  | 2.80%  | 0.486%  |
| 238        | 13.710 | 13.686 | 13.752 | HH | 7654  | 118273 | 5.62%  | 0.975%  |
| 239        | 13.769 | 13.752 | 13.797 | HH | 997   | 21319  | 1.01%  | 0.176%  |
| 240        | 13.820 | 13.797 | 13.842 | HH | 1083  | 22955  | 1.09%  | 0.189%  |
| 241        | 13.849 | 13.842 | 13.857 | HH | 678   | 5740   | 0.27%  | 0.047%  |
| 242        | 13.865 | 13.857 | 13.881 | HH | 713   | 9165   | 0.44%  | 0.076%  |
| 243        | 13.893 | 13.881 | 13.898 | HH | 824   | 7318   | 0.35%  | 0.060%  |
| 244        | 13.931 | 13.898 | 13.936 | HH | 976   | 18945  | 0.90%  | 0.156%  |
| 245        | 13.942 | 13.936 | 13.969 | HH | 980   | 17224  | 0.82%  | 0.142%  |
| 246        | 13.978 | 13.969 | 13.992 | HH | 849   | 11119  | 0.53%  | 0.092%  |

| rteres.txt |        |        |        |    |        |         |         |         |
|------------|--------|--------|--------|----|--------|---------|---------|---------|
| 247        | 13.999 | 13.992 | 14.002 | HH | 834    | 4699    | 0.22%   | 0.039%  |
| 248        | 14.014 | 14.002 | 14.026 | HH | 894    | 11275   | 0.54%   | 0.093%  |
| 249        | 14.075 | 14.026 | 14.084 | HH | 1366   | 35535   | 1.69%   | 0.293%  |
| 250        | 14.106 | 14.084 | 14.186 | HH | 2024   | 82305   | 3.91%   | 0.678%  |
| 251        | 14.191 | 14.186 | 14.222 | HH | 1218   | 24432   | 1.16%   | 0.201%  |
| 252        | 14.226 | 14.222 | 14.244 | HH | 1090   | 13666   | 0.65%   | 0.113%  |
| 253        | 14.275 | 14.244 | 14.307 | HH | 13720  | 214393  | 10.19%  | 1.767%  |
| 254        | 14.330 | 14.307 | 14.359 | HH | 4842   | 93222   | 4.43%   | 0.768%  |
| 255        | 14.373 | 14.359 | 14.391 | HH | 1967   | 33565   | 1.60%   | 0.277%  |
| 256        | 14.396 | 14.391 | 14.408 | HH | 1555   | 15089   | 0.72%   | 0.124%  |
| 257        | 14.433 | 14.408 | 14.458 | HH | 1915   | 47638   | 2.27%   | 0.393%  |
| 258        | 14.493 | 14.458 | 14.541 | HH | 2889   | 92993   | 4.42%   | 0.766%  |
| 259        | 14.612 | 14.541 | 14.691 | HH | 139591 | 2102951 | 100.00% | 17.333% |
| 260        | 14.699 | 14.691 | 14.704 | HH | 1789   | 14195   | 0.68%   | 0.117%  |
| 261        | 14.708 | 14.704 | 14.730 | HH | 1748   | 26079   | 1.24%   | 0.215%  |
| 262        | 14.750 | 14.730 | 14.762 | HH | 2942   | 48482   | 2.31%   | 0.400%  |
| 263        | 14.816 | 14.762 | 14.849 | HH | 16875  | 339359  | 16.14%  | 2.797%  |
| 264        | 14.860 | 14.849 | 14.890 | HH | 2322   | 53687   | 2.55%   | 0.443%  |
| 265        | 14.910 | 14.890 | 14.938 | HH | 2324   | 61629   | 2.93%   | 0.508%  |
| 266        | 14.945 | 14.938 | 14.956 | HH | 2112   | 22073   | 1.05%   | 0.182%  |
| 267        | 15.011 | 14.956 | 15.037 | HH | 2439   | 107510  | 5.11%   | 0.886%  |
| 268        | 15.059 | 15.037 | 15.067 | HH | 2424   | 41101   | 1.95%   | 0.339%  |
| 269        | 15.071 | 15.067 | 15.075 | HH | 2425   | 10381   | 0.49%   | 0.086%  |
| 270        | 15.153 | 15.075 | 15.171 | HH | 3395   | 152424  | 7.25%   | 1.256%  |
| 271        | 15.200 | 15.171 | 15.291 | HH | 19705  | 495706  | 23.57%  | 4.086%  |
| 272        | 15.295 | 15.291 | 15.304 | HH | 2972   | 23474   | 1.12%   | 0.193%  |
| 273        | 15.337 | 15.304 | 15.375 | HH | 21869  | 378566  | 18.00%  | 3.120%  |
| 274        | 15.407 | 15.375 | 15.452 | HH | 5929   | 185840  | 8.84%   | 1.532%  |
| 275        | 15.458 | 15.452 | 15.496 | HH | 3292   | 83507   | 3.97%   | 0.688%  |
| 276        | 15.509 | 15.496 | 15.519 | HH | 3364   | 45508   | 2.16%   | 0.375%  |
| 277        | 15.522 | 15.519 | 15.542 | HH | 3328   | 45255   | 2.15%   | 0.373%  |
| 278        | 15.548 | 15.542 | 15.550 | HH | 3356   | 16155   | 0.77%   | 0.133%  |
| 279        | 15.586 | 15.550 | 15.612 | HH | 3818   | 134210  | 6.38%   | 1.106%  |
| 280        | 15.661 | 15.612 | 15.684 | HH | 5012   | 178661  | 8.50%   | 1.473%  |
| 281        | 15.713 | 15.684 | 15.753 | HH | 5027   | 177769  | 8.45%   | 1.465%  |
| 282        | 15.759 | 15.753 | 15.763 | HH | 3973   | 22564   | 1.07%   | 0.186%  |
| 283        | 15.769 | 15.763 | 15.796 | HH | 4013   | 74990   | 3.57%   | 0.618%  |
| 284        | 15.801 | 15.796 | 15.805 | HH | 3813   | 21675   | 1.03%   | 0.179%  |
| 285        | 15.840 | 15.805 | 15.880 | HH | 25090  | 459394  | 21.85%  | 3.786%  |
| 286        | 15.884 | 15.880 | 15.888 | HH | 4161   | 19707   | 0.94%   | 0.162%  |
| 287        | 15.891 | 15.888 | 15.894 | HH | 4165   | 16197   | 0.77%   | 0.133%  |
| 288        | 15.900 | 15.894 | 15.920 | HH | 4130   | 63243   | 3.01%   | 0.521%  |
| 289        | 15.926 | 15.920 | 15.949 | HH | 4147   | 71154   | 3.38%   | 0.586%  |
| 290        | 15.971 | 15.949 | 15.998 | HH | 4319   | 124263  | 5.91%   | 1.024%  |
| 291        | 16.029 | 15.998 | 16.044 | HH | 4629   | 123369  | 5.87%   | 1.017%  |
| 292        | 16.094 | 16.044 | 16.110 | HH | 4802   | 183852  | 8.74%   | 1.515%  |
| 293        | 16.131 | 16.110 | 16.141 | HH | 6330   | 104094  | 4.95%   | 0.858%  |
| 294        | 16.146 | 16.141 | 16.174 | HH | 6334   | 114732  | 5.46%   | 0.946%  |
| 295        | 16.209 | 16.174 | 16.215 | HH | 6497   | 142279  | 6.77%   | 1.173%  |
| 296        | 16.221 | 16.215 | 16.254 | HH | 6452   | 133342  | 6.34%   | 1.099%  |
| 297        | 16.274 | 16.254 | 16.279 | HH | 5267   | 78268   | 3.72%   | 0.645%  |
| 298        | 16.283 | 16.279 | 16.288 | HH | 5287   | 27806   | 1.32%   | 0.229%  |
| 299        | 16.325 | 16.288 | 16.379 | HH | 28278  | 609531  | 28.98%  | 5.024%  |

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|                         | Area   | Height | Area%  | Height% | Integration | Integration | Integration | Integration |
|-------------------------|--------|--------|--------|---------|-------------|-------------|-------------|-------------|
| 300                     | 16.404 | 16.379 | 16.427 | HH      | 6247        | 168819      | 8.03%       | 1.391%      |
| 301                     | 16.453 | 16.427 | 16.505 | HH      | 7873        | 301909      | 14.36%      | 2.488%      |
| 302                     | 16.562 | 16.505 | 16.582 | HH      | 6549        | 288811      | 13.73%      | 2.380%      |
| 303                     | 16.626 | 16.582 | 16.649 | HH      | 8339        | 295698      | 14.06%      | 2.437%      |
| 304                     | 16.675 | 16.649 | 16.692 | HH      | 8229        | 194829      | 9.26%       | 1.606%      |
| 305                     | 16.696 | 16.692 | 16.700 | HH      | 7649        | 33160       | 1.58%       | 0.273%      |
| 306                     | 16.703 | 16.700 | 16.738 | HH      | 7632        | 162784      | 7.74%       | 1.342%      |
| 307                     | 16.792 | 16.738 | 16.818 | HH      | 32029       | 678218      | 32.25%      | 5.590%      |
| Sum of corrected areas: |        |        |        |         | 12132467    |             |             |             |

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