

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120618AL\  
 Data File : FC038030.D  
 Signal(s) : FID1A.CH  
 Acq On : 06 Dec 2018 13:33  
 Sample : J6245-01DL 40X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 111318.M  
 Title : GC Extractables

Signal : FID1A.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         | 1.565       | 1.527        | 1.579      | BV       | 316            | 2265         | 0.11%          | 0.003%        |
| 2         | 1.587       | 1.579        | 1.610      | VV       | 249            | 2373         | 0.11%          | 0.003%        |
| 3         | 1.625       | 1.610        | 1.670      | PV       | 179            | 2857         | 0.13%          | 0.004%        |
| 4         | 1.677       | 1.670        | 1.717      | PV       | 182            | 1410         | 0.07%          | 0.002%        |
| 5         | 1.732       | 1.717        | 1.772      | VV       | 2546           | 21295        | 0.99%          | 0.029%        |
| 6         | 1.782       | 1.772        | 1.804      | PV       | 254            | 2549         | 0.12%          | 0.003%        |
| 7         | 1.832       | 1.804        | 1.880      | VV       | 1097           | 15033        | 0.70%          | 0.020%        |
| 8         | 1.899       | 1.880        | 1.950      | VV       | 1718           | 25144        | 1.17%          | 0.034%        |
| 9         | 1.961       | 1.950        | 1.979      | PV       | 259            | 2119         | 0.10%          | 0.003%        |
| 10        | 1.993       | 1.979        | 2.004      | VV       | 620            | 5557         | 0.26%          | 0.007%        |
| 11        | 2.020       | 2.004        | 2.033      | VV       | 558            | 6553         | 0.31%          | 0.009%        |
| 12        | 2.042       | 2.033        | 2.054      | VV       | 294            | 2688         | 0.13%          | 0.004%        |
| 13        | 2.063       | 2.054        | 2.100      | VV       | 890            | 6934         | 0.32%          | 0.009%        |
| 14        | 2.125       | 2.100        | 2.173      | VV       | 4924           | 39157        | 1.82%          | 0.053%        |
| 15        | 2.187       | 2.173        | 2.242      | VV       | 156            | 3238         | 0.15%          | 0.004%        |
| 16        | 2.282       | 2.264        | 2.298      | VV       | 409            | 3726         | 0.17%          | 0.005%        |
| 17        | 2.306       | 2.298        | 2.320      | VV       | 144            | 1096         | 0.05%          | 0.001%        |
| 18        | 2.340       | 2.320        | 2.359      | PV       | 1054           | 11717        | 0.55%          | 0.016%        |
| 19        | 2.386       | 2.359        | 2.399      | VV       | 3630           | 31129        | 1.45%          | 0.042%        |
| 20        | 2.407       | 2.399        | 2.425      | VV       | 1417           | 12843        | 0.60%          | 0.017%        |
| 21        | 2.438       | 2.425        | 2.452      | VV       | 1771           | 14255        | 0.66%          | 0.019%        |
| 22        | 2.468       | 2.452        | 2.483      | VV       | 1260           | 13012        | 0.61%          | 0.018%        |
| 23        | 2.500       | 2.483        | 2.542      | VV       | 594            | 12530        | 0.58%          | 0.017%        |
| 24        | 2.569       | 2.542        | 2.614      | PV       | 2363           | 41922        | 1.95%          | 0.057%        |
| 25        | 2.623       | 2.614        | 2.635      | VV       | 437            | 4290         | 0.20%          | 0.006%        |
| 26        | 2.655       | 2.635        | 2.685      | VV       | 5286           | 77249        | 3.60%          | 0.104%        |
| 27        | 2.693       | 2.685        | 2.705      | VV       | 926            | 9629         | 0.45%          | 0.013%        |
| 28        | 2.721       | 2.705        | 2.736      | VV       | 888            | 11131        | 0.52%          | 0.015%        |
| 29        | 2.761       | 2.736        | 2.794      | VV       | 3673           | 55598        | 2.59%          | 0.075%        |
| 30        | 2.829       | 2.794        | 2.859      | VV       | 5042           | 68543        | 3.19%          | 0.092%        |
| 31        | 2.874       | 2.859        | 2.919      | VV       | 4912           | 55544        | 2.59%          | 0.075%        |
| 32        | 2.941       | 2.919        | 2.956      | VV       | 4461           | 53033        | 2.47%          | 0.072%        |
| 33        | 2.964       | 2.956        | 3.000      | VV       | 1906           | 20646        | 0.96%          | 0.028%        |
| 34        | 3.012       | 3.000        | 3.045      | VV       | 881            | 9945         | 0.46%          | 0.013%        |
| 35        | 3.087       | 3.045        | 3.097      | VV       | 804            | 10627        | 0.49%          | 0.014%        |
| 36        | 3.122       | 3.097        | 3.151      | VV       | 16105          | 177659       | 8.27%          | 0.240%        |

| rteres.txt |       |       |       |    |       |        |        |        |
|------------|-------|-------|-------|----|-------|--------|--------|--------|
| 37         | 3.163 | 3.151 | 3.199 | VV | 1130  | 13744  | 0.64%  | 0.019% |
| 38         | 3.217 | 3.199 | 3.227 | PV | 1614  | 14410  | 0.67%  | 0.019% |
| 39         | 3.238 | 3.227 | 3.251 | VV | 2242  | 20520  | 0.96%  | 0.028% |
| 40         | 3.262 | 3.251 | 3.280 | VV | 1513  | 14989  | 0.70%  | 0.020% |
|            |       |       |       |    |       |        |        |        |
| 41         | 3.295 | 3.280 | 3.308 | VV | 1316  | 14415  | 0.67%  | 0.019% |
| 42         | 3.321 | 3.308 | 3.337 | VV | 1439  | 14938  | 0.70%  | 0.020% |
| 43         | 3.353 | 3.337 | 3.363 | VV | 1456  | 12512  | 0.58%  | 0.017% |
| 44         | 3.379 | 3.363 | 3.413 | VV | 5225  | 69614  | 3.24%  | 0.094% |
| 45         | 3.428 | 3.413 | 3.435 | VV | 1995  | 19266  | 0.90%  | 0.026% |
|            |       |       |       |    |       |        |        |        |
| 46         | 3.444 | 3.435 | 3.462 | VV | 2185  | 23556  | 1.10%  | 0.032% |
| 47         | 3.490 | 3.462 | 3.515 | VV | 7123  | 94458  | 4.40%  | 0.127% |
| 48         | 3.526 | 3.515 | 3.534 | VV | 3156  | 30405  | 1.42%  | 0.041% |
| 49         | 3.559 | 3.534 | 3.588 | VV | 3936  | 81100  | 3.77%  | 0.109% |
| 50         | 3.608 | 3.588 | 3.670 | VV | 11690 | 193458 | 9.00%  | 0.261% |
|            |       |       |       |    |       |        |        |        |
| 51         | 3.692 | 3.670 | 3.744 | VV | 7174  | 131249 | 6.11%  | 0.177% |
| 52         | 3.783 | 3.744 | 3.797 | VV | 13844 | 159408 | 7.42%  | 0.215% |
| 53         | 3.811 | 3.797 | 3.829 | VV | 9332  | 102043 | 4.75%  | 0.138% |
| 54         | 3.846 | 3.829 | 3.860 | VV | 3444  | 54384  | 2.53%  | 0.073% |
| 55         | 3.877 | 3.860 | 3.916 | VV | 9085  | 108330 | 5.04%  | 0.146% |
|            |       |       |       |    |       |        |        |        |
| 56         | 3.942 | 3.916 | 3.969 | VV | 21250 | 258348 | 12.03% | 0.348% |
| 57         | 3.982 | 3.969 | 4.007 | VV | 5708  | 87823  | 4.09%  | 0.118% |
| 58         | 4.017 | 4.007 | 4.030 | VV | 3099  | 34087  | 1.59%  | 0.046% |
| 59         | 4.039 | 4.030 | 4.060 | VV | 2300  | 22810  | 1.06%  | 0.031% |
| 60         | 4.088 | 4.060 | 4.112 | VV | 3056  | 52727  | 2.45%  | 0.071% |
|            |       |       |       |    |       |        |        |        |
| 61         | 4.130 | 4.112 | 4.151 | VV | 6508  | 79103  | 3.68%  | 0.107% |
| 62         | 4.181 | 4.151 | 4.202 | VV | 39681 | 396346 | 18.45% | 0.535% |
| 63         | 4.217 | 4.202 | 4.233 | VV | 8930  | 91331  | 4.25%  | 0.123% |
| 64         | 4.249 | 4.233 | 4.265 | VV | 6246  | 70033  | 3.26%  | 0.094% |
| 65         | 4.279 | 4.265 | 4.305 | VV | 2823  | 45160  | 2.10%  | 0.061% |
|            |       |       |       |    |       |        |        |        |
| 66         | 4.323 | 4.305 | 4.356 | VV | 4842  | 107928 | 5.02%  | 0.146% |
| 67         | 4.371 | 4.356 | 4.391 | VV | 4511  | 77896  | 3.63%  | 0.105% |
| 68         | 4.404 | 4.391 | 4.417 | VV | 3881  | 47926  | 2.23%  | 0.065% |
| 69         | 4.432 | 4.417 | 4.445 | VV | 12182 | 120514 | 5.61%  | 0.163% |
| 70         | 4.454 | 4.445 | 4.468 | VV | 6861  | 65489  | 3.05%  | 0.088% |
|            |       |       |       |    |       |        |        |        |
| 71         | 4.486 | 4.468 | 4.495 | VV | 7100  | 85129  | 3.96%  | 0.115% |
| 72         | 4.504 | 4.495 | 4.518 | VV | 7241  | 75685  | 3.52%  | 0.102% |
| 73         | 4.553 | 4.518 | 4.569 | VV | 14053 | 215453 | 10.03% | 0.291% |
| 74         | 4.593 | 4.569 | 4.612 | VV | 11675 | 190228 | 8.85%  | 0.257% |
| 75         | 4.632 | 4.612 | 4.674 | VV | 15900 | 269660 | 12.55% | 0.364% |
|            |       |       |       |    |       |        |        |        |
| 76         | 4.700 | 4.674 | 4.717 | VV | 9212  | 125529 | 5.84%  | 0.169% |
| 77         | 4.730 | 4.717 | 4.754 | VV | 4503  | 71058  | 3.31%  | 0.096% |
| 78         | 4.787 | 4.754 | 4.798 | VV | 9878  | 130288 | 6.06%  | 0.176% |
| 79         | 4.815 | 4.798 | 4.839 | VV | 18642 | 273576 | 12.73% | 0.369% |
| 80         | 4.857 | 4.839 | 4.872 | VV | 16905 | 197003 | 9.17%  | 0.266% |
|            |       |       |       |    |       |        |        |        |
| 81         | 4.887 | 4.872 | 4.901 | VV | 12242 | 148516 | 6.91%  | 0.200% |
| 82         | 4.916 | 4.901 | 4.952 | VV | 13987 | 197237 | 9.18%  | 0.266% |
| 83         | 4.966 | 4.952 | 4.986 | VV | 2620  | 46213  | 2.15%  | 0.062% |
| 84         | 5.007 | 4.986 | 5.019 | VV | 6795  | 91257  | 4.25%  | 0.123% |
| 85         | 5.029 | 5.019 | 5.044 | VV | 6185  | 79439  | 3.70%  | 0.107% |
|            |       |       |       |    |       |        |        |        |
| 86         | 5.069 | 5.044 | 5.084 | VV | 10425 | 184629 | 8.59%  | 0.249% |
| 87         | 5.097 | 5.084 | 5.132 | VV | 13012 | 213805 | 9.95%  | 0.288% |
| 88         | 5.155 | 5.132 | 5.170 | VV | 8083  | 131902 | 6.14%  | 0.178% |
| 89         | 5.181 | 5.170 | 5.190 | VV | 4711  | 47882  | 2.23%  | 0.065% |

| rteres.txt |       |       |       |    |       |         |        |        |
|------------|-------|-------|-------|----|-------|---------|--------|--------|
| 90         | 5.212 | 5.190 | 5.259 | VV | 74212 | 1022839 | 47.61% | 1.380% |
| 91         | 5.276 | 5.259 | 5.312 | VV | 5158  | 135339  | 6.30%  | 0.183% |
| 92         | 5.331 | 5.312 | 5.342 | VV | 4710  | 72242   | 3.36%  | 0.097% |
| 93         | 5.385 | 5.342 | 5.437 | VV | 17184 | 513339  | 23.89% | 0.692% |
| 94         | 5.457 | 5.437 | 5.467 | VV | 10772 | 137737  | 6.41%  | 0.186% |
| 95         | 5.484 | 5.467 | 5.525 | VV | 23400 | 532754  | 24.80% | 0.719% |
| 96         | 5.536 | 5.525 | 5.544 | VV | 9908  | 100768  | 4.69%  | 0.136% |
| 97         | 5.573 | 5.544 | 5.602 | VV | 26896 | 482143  | 22.44% | 0.650% |
| 98         | 5.617 | 5.602 | 5.643 | VV | 11987 | 234020  | 10.89% | 0.316% |
| 99         | 5.659 | 5.643 | 5.676 | VV | 14399 | 203866  | 9.49%  | 0.275% |
| 100        | 5.708 | 5.676 | 5.728 | VV | 14470 | 314556  | 14.64% | 0.424% |
| 101        | 5.767 | 5.728 | 5.792 | VV | 15041 | 457401  | 21.29% | 0.617% |
| 102        | 5.803 | 5.792 | 5.821 | VV | 15819 | 202112  | 9.41%  | 0.273% |
| 103        | 5.847 | 5.821 | 5.863 | VV | 18922 | 302310  | 14.07% | 0.408% |
| 104        | 5.909 | 5.895 | 5.947 | VV | 19877 | 437268  | 20.35% | 0.590% |
| 105        | 5.964 | 5.947 | 5.994 | VV | 15263 | 318301  | 14.82% | 0.429% |
| 106        | 6.013 | 5.994 | 6.044 | VV | 15567 | 351164  | 16.35% | 0.474% |
| 107        | 6.065 | 6.044 | 6.087 | VV | 11426 | 260693  | 12.13% | 0.352% |
| 108        | 6.110 | 6.087 | 6.139 | VV | 24369 | 458002  | 21.32% | 0.618% |
| 109        | 6.152 | 6.139 | 6.165 | VV | 10554 | 154531  | 7.19%  | 0.208% |
| 110        | 6.269 | 6.235 | 6.279 | VV | 11241 | 243539  | 11.34% | 0.328% |
| 111        | 6.298 | 6.279 | 6.313 | VV | 14857 | 253613  | 11.80% | 0.342% |
| 112        | 6.334 | 6.313 | 6.355 | VV | 29479 | 461792  | 21.50% | 0.623% |
| 113        | 6.376 | 6.355 | 6.392 | VV | 15604 | 283615  | 13.20% | 0.383% |
| 114        | 6.404 | 6.392 | 6.415 | VV | 12594 | 158840  | 7.39%  | 0.214% |
| 115        | 6.455 | 6.440 | 6.477 | VV | 23162 | 332199  | 15.46% | 0.448% |
| 116        | 6.571 | 6.547 | 6.629 | VV | 51568 | 944416  | 43.96% | 1.274% |
| 117        | 6.649 | 6.629 | 6.667 | VV | 14617 | 277032  | 12.90% | 0.374% |
| 118        | 6.693 | 6.667 | 6.715 | VV | 23481 | 495155  | 23.05% | 0.668% |
| 119        | 6.736 | 6.715 | 6.765 | VV | 26406 | 496411  | 23.11% | 0.670% |
| 120        | 6.794 | 6.765 | 6.825 | VV | 40013 | 784546  | 36.52% | 1.058% |
| 121        | 6.841 | 6.825 | 6.858 | VV | 22782 | 312672  | 14.55% | 0.422% |
| 122        | 6.883 | 6.858 | 6.912 | VV | 29126 | 573244  | 26.68% | 0.773% |
| 123        | 6.936 | 6.912 | 6.958 | VV | 18971 | 399029  | 18.57% | 0.538% |
| 124        | 7.004 | 6.993 | 7.014 | VV | 11884 | 138622  | 6.45%  | 0.187% |
| 125        | 7.030 | 7.014 | 7.048 | VV | 12260 | 237603  | 11.06% | 0.320% |
| 126        | 7.103 | 7.085 | 7.200 | VV | 96251 | 1896722 | 88.29% | 2.558% |
| 127        | 7.222 | 7.200 | 7.233 | VV | 12229 | 225928  | 10.52% | 0.305% |
| 128        | 7.268 | 7.233 | 7.302 | VV | 30141 | 802830  | 37.37% | 1.083% |
| 129        | 7.318 | 7.302 | 7.342 | VV | 17580 | 325372  | 15.15% | 0.439% |
| 130        | 7.359 | 7.342 | 7.382 | VV | 15795 | 293907  | 13.68% | 0.396% |
| 131        | 7.405 | 7.382 | 7.420 | VV | 27403 | 445432  | 20.73% | 0.601% |
| 132        | 7.429 | 7.420 | 7.446 | VV | 20038 | 257910  | 12.00% | 0.348% |
| 133        | 7.460 | 7.446 | 7.500 | VV | 20987 | 491736  | 22.89% | 0.663% |
| 134        | 7.521 | 7.500 | 7.538 | VV | 22079 | 391070  | 18.20% | 0.527% |
| 135        | 7.557 | 7.538 | 7.572 | VV | 25352 | 386018  | 17.97% | 0.521% |
| 136        | 7.666 | 7.639 | 7.677 | VV | 27722 | 444518  | 20.69% | 0.600% |
| 137        | 7.689 | 7.677 | 7.703 | VV | 29411 | 370519  | 17.25% | 0.500% |
| 138        | 7.717 | 7.703 | 7.741 | VV | 31655 | 489592  | 22.79% | 0.660% |
| 139        | 7.789 | 7.741 | 7.816 | VV | 32151 | 819135  | 38.13% | 1.105% |
| 140        | 7.834 | 7.816 | 7.849 | VV | 14664 | 260997  | 12.15% | 0.352% |
| 141        | 7.909 | 7.895 | 7.920 | VV | 21658 | 301594  | 14.04% | 0.407% |

| rteres.txt |        |        |        |    |        |         |         |        |
|------------|--------|--------|--------|----|--------|---------|---------|--------|
| 142        | 7.935  | 7.920  | 7.947  | VV | 23580  | 339200  | 15.79%  | 0.457% |
| 143        | 7.968  | 7.947  | 8.005  | VV | 106158 | 1494944 | 69.59%  | 2.016% |
| 144        | 8.060  | 8.042  | 8.095  | VV | 22383  | 560234  | 26.08%  | 0.756% |
| 145        | 8.115  | 8.095  | 8.129  | VV | 22697  | 376126  | 17.51%  | 0.507% |
| 146        | 8.140  | 8.129  | 8.154  | VV | 21670  | 277354  | 12.91%  | 0.374% |
| 147        | 8.174  | 8.154  | 8.222  | VV | 27675  | 737407  | 34.32%  | 0.995% |
| 148        | 8.289  | 8.277  | 8.298  | VV | 14689  | 179939  | 8.38%   | 0.243% |
| 149        | 8.318  | 8.298  | 8.356  | VV | 20116  | 614086  | 28.58%  | 0.828% |
| 150        | 8.385  | 8.356  | 8.399  | VV | 27328  | 565969  | 26.34%  | 0.763% |
| 151        | 8.411  | 8.399  | 8.439  | VV | 26414  | 525385  | 24.46%  | 0.709% |
| 152        | 8.457  | 8.439  | 8.480  | VV | 24310  | 496805  | 23.12%  | 0.670% |
| 153        | 8.594  | 8.580  | 8.605  | VV | 18760  | 267693  | 12.46%  | 0.361% |
| 154        | 8.642  | 8.630  | 8.657  | VV | 17349  | 261959  | 12.19%  | 0.353% |
| 155        | 8.669  | 8.657  | 8.685  | VV | 16222  | 258956  | 12.05%  | 0.349% |
| 156        | 8.784  | 8.735  | 8.842  | VV | 112092 | 2148355 | 100.00% | 2.898% |
| 157        | 8.866  | 8.842  | 8.885  | VV | 24594  | 503978  | 23.46%  | 0.680% |
| 158        | 8.914  | 8.885  | 8.934  | VV | 22207  | 535146  | 24.91%  | 0.722% |
| 159        | 8.971  | 8.934  | 8.985  | VV | 19352  | 524780  | 24.43%  | 0.708% |
| 160        | 9.053  | 9.032  | 9.088  | VV | 21247  | 590099  | 27.47%  | 0.796% |
| 161        | 9.104  | 9.088  | 9.129  | VV | 16795  | 386219  | 17.98%  | 0.521% |
| 162        | 9.203  | 9.187  | 9.221  | VV | 27000  | 462186  | 21.51%  | 0.623% |
| 163        | 9.369  | 9.359  | 9.387  | VV | 15738  | 253270  | 11.79%  | 0.342% |
| 164        | 9.405  | 9.387  | 9.422  | VV | 15660  | 312591  | 14.55%  | 0.422% |
| 165        | 9.508  | 9.481  | 9.528  | VV | 23313  | 540087  | 25.14%  | 0.728% |
| 166        | 9.557  | 9.528  | 9.596  | VV | 111163 | 1705018 | 79.36%  | 2.300% |
| 167        | 9.631  | 9.596  | 9.694  | VV | 19153  | 934662  | 43.51%  | 1.261% |
| 168        | 9.714  | 9.694  | 9.747  | VV | 17001  | 484454  | 22.55%  | 0.653% |
| 169        | 9.782  | 9.747  | 9.804  | VV | 15239  | 488471  | 22.74%  | 0.659% |
| 170        | 9.831  | 9.804  | 9.857  | VV | 14718  | 446282  | 20.77%  | 0.602% |
| 171        | 9.901  | 9.857  | 9.912  | VV | 23299  | 584473  | 27.21%  | 0.788% |
| 172        | 9.940  | 9.912  | 9.970  | VV | 41573  | 977387  | 45.49%  | 1.318% |
| 173        | 9.992  | 9.970  | 10.010 | VV | 24061  | 472957  | 22.01%  | 0.638% |
| 174        | 10.120 | 10.107 | 10.159 | VV | 15125  | 447955  | 20.85%  | 0.604% |
| 175        | 10.175 | 10.159 | 10.197 | VV | 17455  | 365544  | 17.02%  | 0.493% |
| 176        | 10.217 | 10.197 | 10.234 | VV | 18000  | 357543  | 16.64%  | 0.482% |
| 177        | 10.291 | 10.234 | 10.324 | VV | 102484 | 1877904 | 87.41%  | 2.533% |
| 178        | 10.361 | 10.324 | 10.442 | VV | 46250  | 1633838 | 76.05%  | 2.204% |
| 179        | 10.468 | 10.442 | 10.492 | VV | 15817  | 437832  | 20.38%  | 0.591% |
| 180        | 10.509 | 10.492 | 10.527 | VV | 16048  | 311813  | 14.51%  | 0.421% |
| 181        | 10.548 | 10.527 | 10.575 | VV | 17425  | 425984  | 19.83%  | 0.575% |
| 182        | 10.668 | 10.646 | 10.689 | VV | 23798  | 519690  | 24.19%  | 0.701% |
| 183        | 10.700 | 10.689 | 10.720 | VV | 20675  | 326351  | 15.19%  | 0.440% |
| 184        | 10.828 | 10.816 | 10.853 | VV | 13878  | 289506  | 13.48%  | 0.390% |
| 185        | 10.926 | 10.853 | 10.957 | VV | 14355  | 816791  | 38.02%  | 1.102% |
| 186        | 10.988 | 10.957 | 11.027 | VV | 87075  | 1417325 | 65.97%  | 1.912% |
| 187        | 11.033 | 11.027 | 11.045 | VV | 14378  | 155451  | 7.24%   | 0.210% |
| 188        | 11.077 | 11.045 | 11.125 | VV | 32926  | 896890  | 41.75%  | 1.210% |
| 189        | 11.141 | 11.125 | 11.160 | VV | 12900  | 262778  | 12.23%  | 0.354% |
| 190        | 11.183 | 11.160 | 11.211 | VV | 12682  | 358468  | 16.69%  | 0.483% |
| 191        | 11.221 | 11.211 | 11.237 | VV | 11755  | 181760  | 8.46%   | 0.245% |
| 192        | 11.284 | 11.237 | 11.325 | VV | 25202  | 835758  | 38.90%  | 1.127% |
| 193        | 11.342 | 11.325 | 11.355 | VV | 14819  | 245811  | 11.44%  | 0.332% |
| 194        | 11.378 | 11.355 | 11.399 | VV | 18047  | 392233  | 18.26%  | 0.529% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 11.418 | 11.399 | 11.447 | VV | 16714      | 398423  | 18.55% | 0.537% |
| 196 | 11.469 | 11.447 | 11.495 | VV | 16378      | 381300  | 17.75% | 0.514% |
| 197 | 11.501 | 11.495 | 11.517 | VV | 11251      | 146111  | 6.80%  | 0.197% |
| 198 | 11.531 | 11.517 | 11.546 | VV | 11615      | 193623  | 9.01%  | 0.261% |
| 199 | 11.554 | 11.546 | 11.600 | VV | 11254      | 352550  | 16.41% | 0.475% |
| 200 | 11.654 | 11.600 | 11.712 | VV | 67684      | 1512315 | 70.39% | 2.040% |
| 201 | 11.720 | 11.712 | 11.755 | VV | 11977      | 296156  | 13.79% | 0.399% |
| 202 | 11.768 | 11.755 | 11.824 | VV | 11112      | 417045  | 19.41% | 0.562% |
| 203 | 11.843 | 11.824 | 11.862 | VV | 10372      | 217747  | 10.14% | 0.294% |
| 204 | 11.882 | 11.862 | 11.900 | VV | 9881       | 214603  | 9.99%  | 0.289% |
| 205 | 11.928 | 11.900 | 11.973 | VV | 13512      | 493787  | 22.98% | 0.666% |
| 206 | 11.990 | 11.973 | 12.014 | VV | 11627      | 253385  | 11.79% | 0.342% |
| 207 | 12.031 | 12.014 | 12.043 | VV | 12725      | 204909  | 9.54%  | 0.276% |
| 208 | 12.060 | 12.043 | 12.088 | VV | 13664      | 304726  | 14.18% | 0.411% |
| 209 | 12.160 | 12.139 | 12.180 | VV | 9437       | 222872  | 10.37% | 0.301% |
| 210 | 12.290 | 12.244 | 12.331 | VV | 52413      | 1015876 | 47.29% | 1.370% |
| 211 | 12.344 | 12.331 | 12.392 | VV | 10037      | 335965  | 15.64% | 0.453% |
| 212 | 12.402 | 12.392 | 12.419 | VV | 8494       | 131232  | 6.11%  | 0.177% |
| 213 | 12.431 | 12.419 | 12.479 | VV | 8568       | 280474  | 13.06% | 0.378% |
| 214 | 12.483 | 12.479 | 12.514 | VV | 7402       | 151491  | 7.05%  | 0.204% |
| 215 | 12.544 | 12.514 | 12.595 | VV | 9925       | 410840  | 19.12% | 0.554% |
| 216 | 12.614 | 12.595 | 12.630 | VV | 8668       | 171529  | 7.98%  | 0.231% |
| 217 | 12.647 | 12.630 | 12.664 | VV | 8850       | 160608  | 7.48%  | 0.217% |
| 218 | 12.682 | 12.664 | 12.705 | VV | 9522       | 216210  | 10.06% | 0.292% |
| 219 | 12.729 | 12.705 | 12.752 | VV | 13846      | 286497  | 13.34% | 0.386% |
| 220 | 12.778 | 12.752 | 12.822 | VV | 9437       | 326751  | 15.21% | 0.441% |
| 221 | 12.835 | 12.822 | 12.862 | VV | 6547       | 150408  | 7.00%  | 0.203% |
| 222 | 12.898 | 12.862 | 12.927 | VV | 37057      | 628327  | 29.25% | 0.847% |
| 223 | 12.962 | 12.927 | 13.047 | VV | 7624       | 458643  | 21.35% | 0.619% |
| 224 | 13.056 | 13.047 | 13.090 | VV | 5588       | 135345  | 6.30%  | 0.183% |
| 225 | 13.162 | 13.154 | 13.190 | VV | 6662       | 136888  | 6.37%  | 0.185% |
| 226 | 13.203 | 13.190 | 13.223 | VV | 5889       | 108627  | 5.06%  | 0.147% |
| 227 | 13.242 | 13.223 | 13.260 | VV | 6010       | 122298  | 5.69%  | 0.165% |
| 228 | 13.277 | 13.260 | 13.297 | VV | 6507       | 126476  | 5.89%  | 0.171% |
| 229 | 13.321 | 13.297 | 13.350 | VV | 6384       | 182027  | 8.47%  | 0.246% |
| 230 | 13.366 | 13.350 | 13.377 | VV | 5320       | 83024   | 3.86%  | 0.112% |
| 231 | 13.393 | 13.377 | 13.432 | VV | 5443       | 155082  | 7.22%  | 0.209% |
| 232 | 13.481 | 13.432 | 13.517 | VV | 25177      | 477607  | 22.23% | 0.644% |
| 233 | 13.530 | 13.517 | 13.550 | VV | 5144       | 96625   | 4.50%  | 0.130% |
| 234 | 13.556 | 13.550 | 13.652 | VV | 4657       | 237092  | 11.04% | 0.320% |
| 235 | 13.705 | 13.652 | 13.739 | VV | 5278       | 214495  | 9.98%  | 0.289% |
| 236 | 13.745 | 13.739 | 13.762 | VV | 4094       | 54069   | 2.52%  | 0.073% |
| 237 | 13.774 | 13.762 | 13.794 | VV | 3756       | 67739   | 3.15%  | 0.091% |
| 238 | 13.810 | 13.794 | 13.819 | VV | 3689       | 52127   | 2.43%  | 0.070% |
| 239 | 13.840 | 13.819 | 13.859 | VV | 4068       | 88654   | 4.13%  | 0.120% |
| 240 | 13.868 | 13.859 | 13.876 | VV | 3703       | 37686   | 1.75%  | 0.051% |
| 241 | 13.894 | 13.876 | 13.935 | VV | 3956       | 115296  | 5.37%  | 0.156% |
| 242 | 13.958 | 13.935 | 13.995 | VV | 3243       | 100682  | 4.69%  | 0.136% |
| 243 | 14.040 | 13.995 | 14.085 | VV | 14473      | 291386  | 13.56% | 0.393% |
| 244 | 14.107 | 14.085 | 14.155 | VV | 2985       | 113223  | 5.27%  | 0.153% |
| 245 | 14.160 | 14.155 | 14.216 | VV | 2644       | 85900   | 4.00%  | 0.116% |
| 246 | 14.244 | 14.216 | 14.302 | VV | 2698       | 121125  | 5.64%  | 0.163% |

|     |        |        |        |    |            |        |       |        |  |
|-----|--------|--------|--------|----|------------|--------|-------|--------|--|
|     |        |        |        |    | rteres.txt |        |       |        |  |
| 247 | 14.308 | 14.302 | 14.337 | VV | 2299       | 45025  | 2.10% | 0.061% |  |
| 248 | 14.354 | 14.337 | 14.374 | VV | 2138       | 42342  | 1.97% | 0.057% |  |
| 249 | 14.388 | 14.374 | 14.409 | VV | 2246       | 41264  | 1.92% | 0.056% |  |
| 250 | 14.433 | 14.409 | 14.495 | VV | 2069       | 88810  | 4.13% | 0.120% |  |
| 251 | 14.579 | 14.495 | 14.617 | VV | 7737       | 186081 | 8.66% | 0.251% |  |
| 252 | 14.633 | 14.617 | 14.692 | VV | 1602       | 62672  | 2.92% | 0.085% |  |
| 253 | 14.701 | 14.692 | 14.719 | VV | 1132       | 17917  | 0.83% | 0.024% |  |
| 254 | 14.725 | 14.719 | 14.747 | VV | 1158       | 17094  | 0.80% | 0.023% |  |
| 255 | 14.770 | 14.747 | 14.868 | VV | 1407       | 74040  | 3.45% | 0.100% |  |
| 256 | 14.878 | 14.868 | 14.900 | VV | 935        | 14803  | 0.69% | 0.020% |  |
| 257 | 14.911 | 14.900 | 14.940 | VV | 915        | 19178  | 0.89% | 0.026% |  |
| 258 | 14.960 | 14.940 | 14.982 | VV | 1026       | 22279  | 1.04% | 0.030% |  |
| 259 | 14.995 | 14.982 | 15.045 | VV | 1017       | 27749  | 1.29% | 0.037% |  |
| 260 | 15.054 | 15.045 | 15.062 | VV | 678        | 5839   | 0.27% | 0.008% |  |
| 261 | 15.097 | 15.062 | 15.132 | VV | 3870       | 70933  | 3.30% | 0.096% |  |
| 262 | 15.143 | 15.132 | 15.164 | VV | 809        | 11828  | 0.55% | 0.016% |  |
| 263 | 15.179 | 15.164 | 15.222 | VV | 621        | 15399  | 0.72% | 0.021% |  |
| 264 | 15.226 | 15.222 | 15.257 | VV | 391        | 5949   | 0.28% | 0.008% |  |
| 265 | 15.288 | 15.257 | 15.324 | VV | 607        | 16698  | 0.78% | 0.023% |  |
| 266 | 15.331 | 15.324 | 15.369 | VV | 423        | 8291   | 0.39% | 0.011% |  |
| 267 | 15.414 | 15.369 | 15.444 | VV | 517        | 15115  | 0.70% | 0.020% |  |
| 268 | 15.464 | 15.444 | 15.504 | VV | 327        | 8845   | 0.41% | 0.012% |  |
| 269 | 15.515 | 15.504 | 15.529 | VV | 191        | 2651   | 0.12% | 0.004% |  |
| 270 | 15.560 | 15.529 | 15.570 | VV | 232        | 4552   | 0.21% | 0.006% |  |
| 271 | 15.596 | 15.570 | 15.647 | VV | 1801       | 31334  | 1.46% | 0.042% |  |
| 272 | 15.651 | 15.647 | 15.690 | VV | 212        | 4206   | 0.20% | 0.006% |  |
| 273 | 15.745 | 15.702 | 15.795 | PV | 379        | 11135  | 0.52% | 0.015% |  |
| 274 | 15.822 | 15.795 | 15.844 | VV | 255        | 3735   | 0.17% | 0.005% |  |
| 275 | 15.904 | 15.869 | 15.940 | VV | 355        | 6781   | 0.32% | 0.009% |  |
| 276 | 15.953 | 15.940 | 15.994 | PV | 252        | 3912   | 0.18% | 0.005% |  |
| 277 | 16.004 | 15.994 | 16.027 | VV | 94         | 2286   | 0.11% | 0.003% |  |
| 278 | 16.039 | 16.027 | 16.050 | VV | 172        | 2564   | 0.12% | 0.003% |  |
| 279 | 16.076 | 16.050 | 16.112 | VV | 986        | 18822  | 0.88% | 0.025% |  |
| 280 | 16.129 | 16.112 | 16.169 | VV | 311        | 8149   | 0.38% | 0.011% |  |
| 281 | 16.177 | 16.169 | 16.210 | VV | 133        | 2776   | 0.13% | 0.004% |  |
| 282 | 16.260 | 16.210 | 16.268 | PV | 283        | 5042   | 0.23% | 0.007% |  |
| 283 | 16.293 | 16.268 | 16.335 | VV | 267        | 6371   | 0.30% | 0.009% |  |
| 284 | 16.374 | 16.335 | 16.403 | PV | 230        | 4237   | 0.20% | 0.006% |  |
| 285 | 16.436 | 16.403 | 16.485 | VV | 366        | 9871   | 0.46% | 0.013% |  |
| 286 | 16.504 | 16.485 | 16.510 | VV | 239        | 2829   | 0.13% | 0.004% |  |
| 287 | 16.540 | 16.510 | 16.563 | VV | 1008       | 16792  | 0.78% | 0.023% |  |
| 288 | 16.582 | 16.563 | 16.655 | VV | 542        | 11720  | 0.55% | 0.016% |  |
| 289 | 16.675 | 16.655 | 16.683 | VV | 218        | 1658   | 0.08% | 0.002% |  |
| 290 | 16.695 | 16.683 | 16.727 | PV | 175        | 2777   | 0.13% | 0.004% |  |
| 291 | 16.750 | 16.727 | 16.775 | VV | 194        | 3277   | 0.15% | 0.004% |  |
| 292 | 16.841 | 16.775 | 16.855 | VV | 357        | 9675   | 0.45% | 0.013% |  |
| 293 | 16.924 | 16.855 | 16.943 | VV | 415        | 14703  | 0.68% | 0.020% |  |
| 294 | 16.990 | 16.943 | 17.034 | VV | 1365       | 30629  | 1.43% | 0.041% |  |
| 295 | 17.046 | 17.034 | 17.059 | VV | 341        | 4738   | 0.22% | 0.006% |  |
| 296 | 17.094 | 17.059 | 17.131 | VV | 687        | 20470  | 0.95% | 0.028% |  |
| 297 | 17.176 | 17.131 | 17.197 | VV | 496        | 15242  | 0.71% | 0.021% |  |
| 298 | 17.291 | 17.197 | 17.314 | VV | 474        | 27419  | 1.28% | 0.037% |  |
| 299 | 17.328 | 17.314 | 17.346 | VV | 440        | 6954   | 0.32% | 0.009% |  |

rteres.txt  
Sum of corrected areas:      74144121

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