

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022719AL\  
 Data File : FC039462.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 Feb 2019 21:02  
 Sample : K1350-11MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022219.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         | 3.175       | 3.163        | 3.194      | VV       | 2493           | 19911        | 0.06%          | 0.004%        |
| 2         | 3.210       | 3.194        | 3.220      | PV       | 1802           | 16928        | 0.05%          | 0.003%        |
| 3         | 3.234       | 3.220        | 3.250      | VV       | 3619           | 35521        | 0.11%          | 0.007%        |
| 4         | 3.263       | 3.250        | 3.273      | VV       | 1487           | 13471        | 0.04%          | 0.003%        |
| 5         | 3.290       | 3.273        | 3.326      | VV       | 10607          | 125010       | 0.39%          | 0.024%        |
| 6         | 3.357       | 3.326        | 3.384      | VV       | 3765           | 57556        | 0.18%          | 0.011%        |
| 7         | 3.402       | 3.384        | 3.436      | VV       | 12702          | 153065       | 0.47%          | 0.029%        |
| 8         | 3.470       | 3.436        | 3.497      | VV       | 6437           | 109135       | 0.34%          | 0.021%        |
| 9         | 3.520       | 3.497        | 3.535      | VV       | 4795           | 65739        | 0.20%          | 0.012%        |
| 10        | 3.554       | 3.535        | 3.581      | VV       | 8526           | 89549        | 0.28%          | 0.017%        |
| 11        | 3.605       | 3.581        | 3.651      | VV       | 12571          | 226936       | 0.70%          | 0.043%        |
| 12        | 3.692       | 3.651        | 3.706      | VV       | 17989          | 224391       | 0.70%          | 0.042%        |
| 13        | 3.720       | 3.706        | 3.736      | VV       | 15890          | 164892       | 0.51%          | 0.031%        |
| 14        | 3.749       | 3.736        | 3.764      | VV       | 6337           | 77815        | 0.24%          | 0.015%        |
| 15        | 3.785       | 3.764        | 3.805      | VV       | 15635          | 173940       | 0.54%          | 0.033%        |
| 16        | 3.814       | 3.805        | 3.826      | VV       | 1671           | 16209        | 0.05%          | 0.003%        |
| 17        | 3.853       | 3.826        | 3.874      | VV       | 18699          | 291488       | 0.90%          | 0.055%        |
| 18        | 3.887       | 3.874        | 3.910      | VV       | 11179          | 144693       | 0.45%          | 0.027%        |
| 19        | 3.921       | 3.910        | 3.961      | VV       | 4371           | 67892        | 0.21%          | 0.013%        |
| 20        | 3.991       | 3.961        | 4.013      | PV       | 6664           | 91878        | 0.28%          | 0.017%        |
| 21        | 4.034       | 4.013        | 4.057      | VV       | 7177           | 101685       | 0.32%          | 0.019%        |
| 22        | 4.087       | 4.057        | 4.104      | VV       | 315500         | 2818902      | 8.74%          | 0.532%        |
| 23        | 4.118       | 4.104        | 4.173      | VV       | 218651         | 2104768      | 6.52%          | 0.397%        |
| 24        | 4.189       | 4.173        | 4.209      | VV       | 3470           | 65889        | 0.20%          | 0.012%        |
| 25        | 4.242       | 4.209        | 4.257      | VV       | 7095           | 143520       | 0.44%          | 0.027%        |
| 26        | 4.270       | 4.257        | 4.294      | VV       | 9198           | 153613       | 0.48%          | 0.029%        |
| 27        | 4.307       | 4.294        | 4.319      | VV       | 7638           | 86084        | 0.27%          | 0.016%        |
| 28        | 4.336       | 4.319        | 4.371      | VV       | 27489          | 431931       | 1.34%          | 0.081%        |
| 29        | 4.403       | 4.371        | 4.421      | VV       | 10647          | 226305       | 0.70%          | 0.043%        |
| 30        | 4.457       | 4.421        | 4.482      | VV       | 14079          | 311686       | 0.97%          | 0.059%        |
| 31        | 4.495       | 4.482        | 4.514      | VV       | 14695          | 190054       | 0.59%          | 0.036%        |
| 32        | 4.533       | 4.514        | 4.571      | VV       | 23550          | 322475       | 1.00%          | 0.061%        |
| 33        | 4.602       | 4.571        | 4.616      | VV       | 9513           | 136077       | 0.42%          | 0.026%        |
| 34        | 4.631       | 4.616        | 4.656      | VV       | 9338           | 117521       | 0.36%          | 0.022%        |
| 35        | 4.688       | 4.656        | 4.702      | VV       | 19522          | 213487       | 0.66%          | 0.040%        |
| 36        | 4.718       | 4.702        | 4.739      | VV       | 24251          | 302314       | 0.94%          | 0.057%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 4.757 | 4.739 | 4.772 | VV | 27620  | 297481  | 0.92%  | 0.056% |
| 38     | 4.789 | 4.772 | 4.803 | VV | 12023  | 191067  | 0.59%  | 0.036% |
| 39     | 4.817 | 4.803 | 4.851 | VV | 23498  | 288674  | 0.89%  | 0.054% |
| 40     | 4.874 | 4.851 | 4.885 | VV | 3687   | 60156   | 0.19%  | 0.011% |
| 41     | 4.906 | 4.885 | 4.919 | VV | 11797  | 145029  | 0.45%  | 0.027% |
| 42     | 4.928 | 4.919 | 4.937 | VV | 7694   | 74990   | 0.23%  | 0.014% |
| 43     | 4.972 | 4.937 | 4.984 | VV | 10542  | 249525  | 0.77%  | 0.047% |
| 44     | 4.994 | 4.984 | 5.009 | VV | 12405  | 144360  | 0.45%  | 0.027% |
| 45     | 5.018 | 5.009 | 5.040 | VV | 7600   | 123260  | 0.38%  | 0.023% |
| 46     | 5.052 | 5.040 | 5.066 | VV | 7501   | 90502   | 0.28%  | 0.017% |
| 47     | 5.074 | 5.066 | 5.089 | VV | 4840   | 47226   | 0.15%  | 0.009% |
| 48     | 5.111 | 5.089 | 5.169 | VV | 165101 | 1850778 | 5.74%  | 0.349% |
| 49     | 5.181 | 5.169 | 5.202 | VV | 4859   | 77768   | 0.24%  | 0.015% |
| 50     | 5.227 | 5.202 | 5.239 | VV | 4993   | 82873   | 0.26%  | 0.016% |
| 51     | 5.272 | 5.239 | 5.284 | VV | 17343  | 242426  | 0.75%  | 0.046% |
| 52     | 5.298 | 5.284 | 5.335 | VV | 14768  | 283065  | 0.88%  | 0.053% |
| 53     | 5.353 | 5.335 | 5.365 | VV | 8929   | 115670  | 0.36%  | 0.022% |
| 54     | 5.394 | 5.365 | 5.421 | VV | 28730  | 545575  | 1.69%  | 0.103% |
| 55     | 5.432 | 5.421 | 5.441 | VV | 11616  | 122404  | 0.38%  | 0.023% |
| 56     | 5.469 | 5.441 | 5.497 | VV | 21484  | 419773  | 1.30%  | 0.079% |
| 57     | 5.513 | 5.497 | 5.539 | VV | 9340   | 168144  | 0.52%  | 0.032% |
| 58     | 5.555 | 5.539 | 5.581 | VV | 13261  | 186416  | 0.58%  | 0.035% |
| 59     | 5.605 | 5.581 | 5.619 | VV | 13569  | 216535  | 0.67%  | 0.041% |
| 60     | 5.637 | 5.619 | 5.690 | VV | 205124 | 2531075 | 7.85%  | 0.477% |
| 61     | 5.702 | 5.690 | 5.719 | VV | 17915  | 228244  | 0.71%  | 0.043% |
| 62     | 5.745 | 5.719 | 5.761 | VV | 22914  | 354085  | 1.10%  | 0.067% |
| 63     | 5.778 | 5.761 | 5.791 | VV | 14862  | 224742  | 0.70%  | 0.042% |
| 64     | 5.807 | 5.791 | 5.842 | VV | 22502  | 394719  | 1.22%  | 0.074% |
| 65     | 5.858 | 5.842 | 5.869 | VV | 11526  | 143427  | 0.44%  | 0.027% |
| 66     | 5.881 | 5.869 | 5.890 | VV | 10340  | 119720  | 0.37%  | 0.023% |
| 67     | 5.909 | 5.890 | 5.940 | VV | 12430  | 284759  | 0.88%  | 0.054% |
| 68     | 5.958 | 5.940 | 5.981 | VV | 11123  | 227001  | 0.70%  | 0.043% |
| 69     | 6.005 | 5.981 | 6.058 | VV | 18281  | 471135  | 1.46%  | 0.089% |
| 70     | 6.085 | 6.058 | 6.129 | VV | 343842 | 3567506 | 11.06% | 0.673% |
| 71     | 6.167 | 6.129 | 6.179 | VV | 8744   | 199266  | 0.62%  | 0.038% |
| 72     | 6.194 | 6.179 | 6.208 | VV | 11396  | 161724  | 0.50%  | 0.031% |
| 73     | 6.231 | 6.208 | 6.259 | VV | 40870  | 578204  | 1.79%  | 0.109% |
| 74     | 6.271 | 6.259 | 6.287 | VV | 10686  | 155331  | 0.48%  | 0.029% |
| 75     | 6.300 | 6.287 | 6.310 | VV | 10179  | 113952  | 0.35%  | 0.021% |
| 76     | 6.321 | 6.310 | 6.335 | VV | 10495  | 127940  | 0.40%  | 0.024% |
| 77     | 6.352 | 6.335 | 6.373 | VV | 15643  | 232363  | 0.72%  | 0.044% |
| 78     | 6.390 | 6.373 | 6.405 | VV | 18004  | 228784  | 0.71%  | 0.043% |
| 79     | 6.418 | 6.405 | 6.442 | VV | 11751  | 220404  | 0.68%  | 0.042% |
| 80     | 6.464 | 6.442 | 6.502 | VV | 35157  | 563746  | 1.75%  | 0.106% |
| 81     | 6.513 | 6.502 | 6.527 | VV | 7884   | 106907  | 0.33%  | 0.020% |
| 82     | 6.545 | 6.527 | 6.562 | VV | 12724  | 195751  | 0.61%  | 0.037% |
| 83     | 6.584 | 6.562 | 6.610 | VV | 20245  | 422815  | 1.31%  | 0.080% |
| 84     | 6.635 | 6.610 | 6.658 | VV | 20384  | 371939  | 1.15%  | 0.070% |
| 85     | 6.684 | 6.658 | 6.721 | VV | 249342 | 2877887 | 8.92%  | 0.543% |
| 86     | 6.736 | 6.721 | 6.753 | VV | 23638  | 318888  | 0.99%  | 0.060% |
| 87     | 6.778 | 6.753 | 6.804 | VV | 37507  | 570420  | 1.77%  | 0.108% |
| 88     | 6.828 | 6.804 | 6.851 | VV | 19457  | 379929  | 1.18%  | 0.072% |
| 89     | 6.870 | 6.851 | 6.887 | VV | 13268  | 215525  | 0.67%  | 0.041% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 6.896 | 6.887 | 6.906 | VV | 8970   | 94780   | 0.29%  | 0.018% |
| 91  | 6.923 | 6.906 | 6.944 | VV | 9635   | 193220  | 0.60%  | 0.036% |
| 92  | 6.965 | 6.944 | 6.978 | VV | 25187  | 344344  | 1.07%  | 0.065% |
| 93  | 6.999 | 6.978 | 7.031 | VV | 120614 | 1414356 | 4.38%  | 0.267% |
| 94  | 7.041 | 7.031 | 7.104 | VV | 11596  | 424342  | 1.32%  | 0.080% |
| 95  | 7.118 | 7.104 | 7.132 | VV | 9784   | 143119  | 0.44%  | 0.027% |
| 96  | 7.167 | 7.132 | 7.194 | VV | 22970  | 520190  | 1.61%  | 0.098% |
| 97  | 7.211 | 7.194 | 7.237 | VV | 10916  | 201239  | 0.62%  | 0.038% |
| 98  | 7.256 | 7.237 | 7.272 | VV | 10680  | 165636  | 0.51%  | 0.031% |
| 99  | 7.296 | 7.272 | 7.341 | VV | 483640 | 5141013 | 15.94% | 0.970% |
| 100 | 7.352 | 7.341 | 7.382 | VV | 17396  | 338880  | 1.05%  | 0.064% |
| 101 | 7.412 | 7.382 | 7.432 | VV | 15280  | 349688  | 1.08%  | 0.066% |
| 102 | 7.450 | 7.432 | 7.465 | VV | 19638  | 278679  | 0.86%  | 0.053% |
| 103 | 7.476 | 7.465 | 7.494 | VV | 13694  | 191988  | 0.60%  | 0.036% |
| 104 | 7.515 | 7.494 | 7.536 | VV | 15943  | 279669  | 0.87%  | 0.053% |
| 105 | 7.560 | 7.536 | 7.594 | VV | 22163  | 527807  | 1.64%  | 0.100% |
| 106 | 7.611 | 7.594 | 7.635 | VV | 19997  | 322852  | 1.00%  | 0.061% |
| 107 | 7.683 | 7.635 | 7.707 | VV | 31789  | 591598  | 1.83%  | 0.112% |
| 108 | 7.719 | 7.707 | 7.742 | VV | 9497   | 162260  | 0.50%  | 0.031% |
| 109 | 7.769 | 7.742 | 7.787 | VV | 17786  | 315835  | 0.98%  | 0.060% |
| 110 | 7.804 | 7.787 | 7.813 | VV | 14084  | 203142  | 0.63%  | 0.038% |
| 111 | 7.824 | 7.813 | 7.839 | VV | 14404  | 198498  | 0.62%  | 0.037% |
| 112 | 7.864 | 7.839 | 7.893 | VV | 334864 | 3611256 | 11.19% | 0.681% |
| 113 | 7.946 | 7.893 | 8.019 | VV | 244237 | 3259615 | 10.10% | 0.615% |
| 114 | 8.030 | 8.019 | 8.044 | VV | 11076  | 147326  | 0.46%  | 0.028% |
| 115 | 8.063 | 8.044 | 8.114 | VV | 14118  | 379223  | 1.18%  | 0.072% |
| 116 | 8.145 | 8.114 | 8.193 | VV | 276551 | 3365448 | 10.43% | 0.635% |
| 117 | 8.207 | 8.193 | 8.215 | VV | 17218  | 207183  | 0.64%  | 0.039% |
| 118 | 8.238 | 8.215 | 8.268 | VV | 258872 | 2847685 | 8.83%  | 0.537% |
| 119 | 8.275 | 8.268 | 8.293 | VV | 19791  | 257428  | 0.80%  | 0.049% |
| 120 | 8.305 | 8.293 | 8.334 | VV | 16673  | 313488  | 0.97%  | 0.059% |
| 121 | 8.349 | 8.334 | 8.372 | VV | 16143  | 266783  | 0.83%  | 0.050% |
| 122 | 8.392 | 8.372 | 8.426 | VV | 35716  | 525833  | 1.63%  | 0.099% |
| 123 | 8.445 | 8.426 | 8.474 | VV | 14145  | 266488  | 0.83%  | 0.050% |
| 124 | 8.489 | 8.474 | 8.505 | VV | 7662   | 136482  | 0.42%  | 0.026% |
| 125 | 8.535 | 8.505 | 8.547 | VV | 8020   | 186964  | 0.58%  | 0.035% |
| 126 | 8.560 | 8.547 | 8.577 | VV | 7423   | 121855  | 0.38%  | 0.023% |
| 127 | 8.610 | 8.577 | 8.629 | VV | 8755   | 224038  | 0.69%  | 0.042% |
| 128 | 8.677 | 8.629 | 8.723 | VV | 81474  | 1202590 | 3.73%  | 0.227% |
| 129 | 8.756 | 8.723 | 8.777 | VV | 8718   | 197863  | 0.61%  | 0.037% |
| 130 | 8.805 | 8.777 | 8.826 | VV | 8304   | 172722  | 0.54%  | 0.033% |
| 131 | 8.867 | 8.826 | 8.900 | VV | 7352   | 254586  | 0.79%  | 0.048% |
| 132 | 8.911 | 8.900 | 8.923 | VV | 5207   | 68012   | 0.21%  | 0.013% |
| 133 | 8.944 | 8.923 | 8.972 | VV | 7655   | 172369  | 0.53%  | 0.033% |
| 134 | 9.017 | 8.972 | 9.078 | VV | 217946 | 2852176 | 8.84%  | 0.538% |
| 135 | 9.094 | 9.078 | 9.113 | VV | 11662  | 202182  | 0.63%  | 0.038% |
| 136 | 9.131 | 9.113 | 9.154 | VV | 11691  | 213820  | 0.66%  | 0.040% |
| 137 | 9.175 | 9.154 | 9.195 | VV | 12880  | 204708  | 0.63%  | 0.039% |
| 138 | 9.229 | 9.195 | 9.268 | VV | 11440  | 294966  | 0.91%  | 0.056% |
| 139 | 9.289 | 9.268 | 9.331 | VV | 4307   | 121967  | 0.38%  | 0.023% |
| 140 | 9.353 | 9.331 | 9.376 | VV | 5218   | 117519  | 0.36%  | 0.022% |
| 141 | 9.398 | 9.376 | 9.419 | VV | 8735   | 162961  | 0.51%  | 0.031% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.449  | 9.419  | 9.485  | VV | 300050 | 3202344 | 9.93%  | 0.604% |
| 143    | 9.493  | 9.485  | 9.503  | VV | 4310   | 46546   | 0.14%  | 0.009% |
| 144    | 9.520  | 9.503  | 9.539  | VV | 5486   | 96417   | 0.30%  | 0.018% |
| 145    | 9.547  | 9.539  | 9.580  | VV | 3859   | 69349   | 0.21%  | 0.013% |
| 146    | 9.603  | 9.580  | 9.639  | VV | 3613   | 84857   | 0.26%  | 0.016% |
| 147    | 9.677  | 9.639  | 9.693  | VV | 2624   | 65479   | 0.20%  | 0.012% |
| 148    | 9.722  | 9.693  | 9.752  | VV | 2431   | 71580   | 0.22%  | 0.014% |
| 149    | 9.793  | 9.752  | 9.802  | VV | 6389   | 114793  | 0.36%  | 0.022% |
| 150    | 9.832  | 9.802  | 9.860  | VV | 18117  | 362281  | 1.12%  | 0.068% |
| 151    | 9.883  | 9.860  | 9.903  | VV | 7599   | 137381  | 0.43%  | 0.026% |
| 152    | 9.923  | 9.903  | 9.954  | VV | 7798   | 160504  | 0.50%  | 0.030% |
| 153    | 9.974  | 9.954  | 9.995  | VV | 7377   | 108171  | 0.34%  | 0.020% |
| 154    | 10.013 | 9.995  | 10.044 | VV | 3235   | 70420   | 0.22%  | 0.013% |
| 155    | 10.060 | 10.044 | 10.083 | VV | 3274   | 58955   | 0.18%  | 0.011% |
| 156    | 10.106 | 10.083 | 10.124 | VV | 3991   | 70878   | 0.22%  | 0.013% |
| 157    | 10.181 | 10.124 | 10.217 | VV | 52059  | 779214  | 2.42%  | 0.147% |
| 158    | 10.251 | 10.217 | 10.332 | VV | 21115  | 490187  | 1.52%  | 0.092% |
| 159    | 10.403 | 10.332 | 10.457 | VV | 233004 | 2891418 | 8.96%  | 0.545% |
| 160    | 10.478 | 10.457 | 10.537 | VV | 190099 | 2679772 | 8.31%  | 0.505% |
| 161    | 10.558 | 10.537 | 10.609 | VV | 10360  | 298446  | 0.93%  | 0.056% |
| 162    | 10.631 | 10.609 | 10.662 | VV | 6787   | 125675  | 0.39%  | 0.024% |
| 163    | 10.682 | 10.662 | 10.702 | VV | 4576   | 67088   | 0.21%  | 0.013% |
| 164    | 10.724 | 10.702 | 10.746 | VV | 2944   | 51353   | 0.16%  | 0.010% |
| 165    | 10.806 | 10.746 | 10.844 | VV | 3630   | 127686  | 0.40%  | 0.024% |
| 166    | 10.880 | 10.844 | 10.914 | VV | 261485 | 2967313 | 9.20%  | 0.560% |
| 167    | 10.966 | 10.914 | 10.996 | VV | 14603  | 296050  | 0.92%  | 0.056% |
| 168    | 11.009 | 10.996 | 11.019 | VV | 1648   | 18121   | 0.06%  | 0.003% |
| 169    | 11.036 | 11.019 | 11.047 | VV | 1408   | 22105   | 0.07%  | 0.004% |
| 170    | 11.069 | 11.047 | 11.109 | VV | 2733   | 51547   | 0.16%  | 0.010% |
| 171    | 11.171 | 11.109 | 11.198 | VV | 327230 | 3585858 | 11.12% | 0.676% |
| 172    | 11.207 | 11.198 | 11.224 | VV | 9040   | 108665  | 0.34%  | 0.020% |
| 173    | 11.239 | 11.224 | 11.287 | VV | 9101   | 223316  | 0.69%  | 0.042% |
| 174    | 11.315 | 11.287 | 11.337 | VV | 14846  | 231127  | 0.72%  | 0.044% |
| 175    | 11.354 | 11.337 | 11.370 | VV | 9913   | 140680  | 0.44%  | 0.027% |
| 176    | 11.384 | 11.370 | 11.412 | VV | 6778   | 128229  | 0.40%  | 0.024% |
| 177    | 11.432 | 11.412 | 11.467 | VV | 13391  | 194236  | 0.60%  | 0.037% |
| 178    | 11.543 | 11.467 | 11.567 | VV | 34112  | 509320  | 1.58%  | 0.096% |
| 179    | 11.599 | 11.567 | 11.664 | VV | 564546 | 6392162 | 19.82% | 1.206% |
| 180    | 11.690 | 11.664 | 11.716 | VV | 3446   | 79114   | 0.25%  | 0.015% |
| 181    | 11.740 | 11.716 | 11.787 | VV | 3664   | 81766   | 0.25%  | 0.015% |
| 182    | 11.819 | 11.787 | 11.844 | PV | 4133   | 77789   | 0.24%  | 0.015% |
| 183    | 11.853 | 11.844 | 11.862 | VV | 2401   | 23150   | 0.07%  | 0.004% |
| 184    | 11.878 | 11.862 | 11.902 | VV | 3851   | 62998   | 0.20%  | 0.012% |
| 185    | 11.921 | 11.902 | 11.932 | VV | 3605   | 50043   | 0.16%  | 0.009% |
| 186    | 11.950 | 11.932 | 11.971 | VV | 4134   | 66795   | 0.21%  | 0.013% |
| 187    | 11.995 | 11.971 | 12.042 | VV | 5690   | 128978  | 0.40%  | 0.024% |
| 188    | 12.097 | 12.042 | 12.119 | VV | 11302  | 255975  | 0.79%  | 0.048% |
| 189    | 12.135 | 12.119 | 12.147 | VV | 4847   | 64963   | 0.20%  | 0.012% |
| 190    | 12.180 | 12.147 | 12.193 | VV | 238212 | 2818166 | 8.74%  | 0.532% |
| 191    | 12.207 | 12.193 | 12.282 | VV | 304820 | 3729053 | 11.56% | 0.703% |
| 192    | 12.315 | 12.282 | 12.329 | VV | 1683   | 32013   | 0.10%  | 0.006% |
| 193    | 12.352 | 12.329 | 12.363 | VV | 1142   | 17415   | 0.05%  | 0.003% |
| 194    | 12.399 | 12.363 | 12.417 | VV | 3389   | 59118   | 0.18%  | 0.011% |

|     |        |        |        |    |         |          |         |        |
|-----|--------|--------|--------|----|---------|----------|---------|--------|
|     |        |        |        |    | rteres  |          |         |        |
| 195 | 12.440 | 12.417 | 12.464 | VV | 3318    | 63004    | 0.20%   | 0.012% |
| 196 | 12.499 | 12.464 | 12.546 | VV | 306478  | 3550830  | 11.01%  | 0.670% |
| 197 | 12.562 | 12.546 | 12.573 | VV | 10681   | 131273   | 0.41%   | 0.025% |
| 198 | 12.621 | 12.573 | 12.650 | VV | 1831039 | 32257844 | 100.00% | 6.084% |
| 199 | 12.676 | 12.650 | 12.745 | VV | 1504401 | 19964343 | 61.89%  | 3.766% |
| 200 | 12.790 | 12.745 | 12.817 | VV | 241387  | 2860743  | 8.87%   | 0.540% |
| 201 | 12.843 | 12.817 | 12.891 | VV | 239799  | 2838716  | 8.80%   | 0.535% |
| 202 | 12.905 | 12.891 | 12.948 | VV | 5376    | 137565   | 0.43%   | 0.026% |
| 203 | 12.973 | 12.948 | 13.014 | VV | 7739    | 162985   | 0.51%   | 0.031% |
| 204 | 13.019 | 13.014 | 13.047 | VV | 2745    | 40371    | 0.13%   | 0.008% |
| 205 | 13.106 | 13.047 | 13.119 | VV | 18722   | 322568   | 1.00%   | 0.061% |
| 206 | 13.133 | 13.119 | 13.156 | VV | 16905   | 236383   | 0.73%   | 0.045% |
| 207 | 13.165 | 13.156 | 13.184 | VV | 5172    | 55602    | 0.17%   | 0.010% |
| 208 | 13.209 | 13.184 | 13.226 | VV | 13553   | 173891   | 0.54%   | 0.033% |
| 209 | 13.243 | 13.226 | 13.261 | VV | 15768   | 214952   | 0.67%   | 0.041% |
| 210 | 13.274 | 13.261 | 13.312 | VV | 9229    | 142426   | 0.44%   | 0.027% |
| 211 | 13.370 | 13.312 | 13.397 | VV | 228854  | 2948978  | 9.14%   | 0.556% |
| 212 | 13.411 | 13.397 | 13.441 | VV | 11820   | 195047   | 0.60%   | 0.037% |
| 213 | 13.472 | 13.441 | 13.519 | VV | 6392    | 176017   | 0.55%   | 0.033% |
| 214 | 13.539 | 13.519 | 13.551 | PV | 2499    | 23934    | 0.07%   | 0.005% |
| 215 | 13.622 | 13.551 | 13.634 | VV | 10039   | 218755   | 0.68%   | 0.041% |
| 216 | 13.650 | 13.634 | 13.717 | VV | 10359   | 345898   | 1.07%   | 0.065% |
| 217 | 13.738 | 13.717 | 13.751 | VV | 7808    | 116489   | 0.36%   | 0.022% |
| 218 | 13.776 | 13.751 | 13.794 | VV | 15453   | 273114   | 0.85%   | 0.052% |
| 219 | 13.817 | 13.794 | 13.877 | VV | 27376   | 663882   | 2.06%   | 0.125% |
| 220 | 13.927 | 13.877 | 13.959 | VV | 23717   | 484270   | 1.50%   | 0.091% |
| 221 | 13.985 | 13.959 | 14.032 | VV | 28345   | 592674   | 1.84%   | 0.112% |
| 222 | 14.061 | 14.032 | 14.086 | VV | 18023   | 342847   | 1.06%   | 0.065% |
| 223 | 14.093 | 14.086 | 14.110 | VV | 5623    | 56671    | 0.18%   | 0.011% |
| 224 | 14.132 | 14.110 | 14.146 | VV | 5454    | 87357    | 0.27%   | 0.016% |
| 225 | 14.170 | 14.146 | 14.204 | VV | 6241    | 153217   | 0.47%   | 0.029% |
| 226 | 14.216 | 14.204 | 14.237 | VV | 2598    | 34357    | 0.11%   | 0.006% |
| 227 | 14.256 | 14.237 | 14.290 | VV | 3266    | 57442    | 0.18%   | 0.011% |
| 228 | 14.371 | 14.290 | 14.392 | VV | 258305  | 3097344  | 9.60%   | 0.584% |
| 229 | 14.412 | 14.392 | 14.439 | VV | 253543  | 3216124  | 9.97%   | 0.607% |
| 230 | 14.466 | 14.439 | 14.496 | VV | 210976  | 2892970  | 8.97%   | 0.546% |
| 231 | 14.530 | 14.496 | 14.557 | VV | 18347   | 305499   | 0.95%   | 0.058% |
| 232 | 14.578 | 14.557 | 14.614 | VV | 7447    | 181024   | 0.56%   | 0.034% |
| 233 | 14.624 | 14.614 | 14.646 | VV | 2383    | 27832    | 0.09%   | 0.005% |
| 234 | 14.683 | 14.646 | 14.705 | PV | 5016    | 115518   | 0.36%   | 0.022% |
| 235 | 14.725 | 14.705 | 14.758 | VV | 6580    | 139813   | 0.43%   | 0.026% |
| 236 | 14.765 | 14.758 | 14.787 | VV | 2856    | 31369    | 0.10%   | 0.006% |
| 237 | 14.840 | 14.787 | 14.871 | VV | 6895    | 229349   | 0.71%   | 0.043% |
| 238 | 14.884 | 14.871 | 14.911 | VV | 5997    | 84297    | 0.26%   | 0.016% |
| 239 | 14.934 | 14.911 | 14.954 | VV | 4484    | 76880    | 0.24%   | 0.015% |
| 240 | 14.981 | 14.954 | 15.009 | VV | 13886   | 245184   | 0.76%   | 0.046% |
| 241 | 15.043 | 15.009 | 15.079 | VV | 42733   | 740779   | 2.30%   | 0.140% |
| 242 | 15.084 | 15.079 | 15.112 | VV | 9954    | 135410   | 0.42%   | 0.026% |
| 243 | 15.133 | 15.112 | 15.141 | VV | 4989    | 79928    | 0.25%   | 0.015% |
| 244 | 15.204 | 15.141 | 15.254 | VV | 14443   | 591486   | 1.83%   | 0.112% |
| 245 | 15.273 | 15.254 | 15.329 | VV | 7363    | 271271   | 0.84%   | 0.051% |
| 246 | 15.373 | 15.329 | 15.409 | VV | 9991    | 333026   | 1.03%   | 0.063% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.482 | 15.409 | 15.530 | VV | 216348 | 3279928 | 10.17% | 0.619% |
| 248    | 15.545 | 15.530 | 15.560 | VV | 9045   | 149073  | 0.46%  | 0.028% |
| 249    | 15.569 | 15.560 | 15.592 | VV | 8734   | 143278  | 0.44%  | 0.027% |
| 250    | 15.641 | 15.592 | 15.668 | VV | 17905  | 535598  | 1.66%  | 0.101% |
| 251    | 15.689 | 15.668 | 15.706 | VV | 16230  | 306599  | 0.95%  | 0.058% |
| 252    | 15.727 | 15.706 | 15.776 | VV | 19335  | 647233  | 2.01%  | 0.122% |
| 253    | 15.843 | 15.776 | 15.869 | VV | 20217  | 854980  | 2.65%  | 0.161% |
| 254    | 15.923 | 15.869 | 15.939 | VV | 293532 | 3961371 | 12.28% | 0.747% |
| 255    | 15.954 | 15.939 | 15.999 | VV | 226633 | 3470359 | 10.76% | 0.655% |
| 256    | 16.024 | 15.999 | 16.039 | VV | 30603  | 612339  | 1.90%  | 0.115% |
| 257    | 16.060 | 16.039 | 16.092 | VV | 36916  | 890480  | 2.76%  | 0.168% |
| 258    | 16.102 | 16.092 | 16.117 | VV | 23450  | 331652  | 1.03%  | 0.063% |
| 259    | 16.134 | 16.117 | 16.162 | VV | 24554  | 571826  | 1.77%  | 0.108% |
| 260    | 16.212 | 16.162 | 16.226 | VV | 33506  | 965081  | 2.99%  | 0.182% |
| 261    | 16.244 | 16.226 | 16.277 | VV | 70448  | 1532518 | 4.75%  | 0.289% |
| 262    | 16.302 | 16.277 | 16.387 | VV | 274314 | 5034516 | 15.61% | 0.950% |
| 263    | 16.428 | 16.387 | 16.472 | VV | 232876 | 4575179 | 14.18% | 0.863% |
| 264    | 16.489 | 16.472 | 16.504 | VV | 32603  | 611621  | 1.90%  | 0.115% |
| 265    | 16.555 | 16.504 | 16.564 | VV | 37563  | 1178507 | 3.65%  | 0.222% |
| 266    | 16.582 | 16.564 | 16.593 | VV | 36758  | 618683  | 1.92%  | 0.117% |
| 267    | 16.614 | 16.593 | 16.637 | VV | 41370  | 962938  | 2.99%  | 0.182% |
| 268    | 16.658 | 16.637 | 16.669 | VV | 39793  | 711535  | 2.21%  | 0.134% |
| 269    | 16.697 | 16.669 | 16.737 | VV | 49518  | 1688642 | 5.23%  | 0.319% |
| 270    | 16.783 | 16.737 | 16.821 | VV | 49862  | 2002439 | 6.21%  | 0.378% |
| 271    | 16.834 | 16.821 | 16.844 | VV | 40619  | 543601  | 1.69%  | 0.103% |
| 272    | 16.874 | 16.844 | 16.899 | VV | 59428  | 1540600 | 4.78%  | 0.291% |
| 273    | 16.916 | 16.899 | 16.939 | VV | 45883  | 1079008 | 3.34%  | 0.204% |
| 274    | 16.958 | 16.939 | 16.979 | VV | 47236  | 1071260 | 3.32%  | 0.202% |
| 275    | 17.013 | 16.979 | 17.050 | VV | 53510  | 1885162 | 5.84%  | 0.356% |
| 276    | 17.074 | 17.050 | 17.086 | VV | 44443  | 890998  | 2.76%  | 0.168% |
| 277    | 17.103 | 17.086 | 17.138 | VV | 47805  | 1425978 | 4.42%  | 0.269% |
| 278    | 17.166 | 17.138 | 17.174 | VV | 48285  | 968682  | 3.00%  | 0.183% |
| 279    | 17.194 | 17.174 | 17.215 | VV | 53582  | 1216211 | 3.77%  | 0.229% |
| 280    | 17.247 | 17.215 | 17.257 | VV | 55372  | 1324244 | 4.11%  | 0.250% |
| 281    | 17.269 | 17.257 | 17.283 | VV | 60987  | 891023  | 2.76%  | 0.168% |
| 282    | 17.313 | 17.283 | 17.361 | VV | 250909 | 5075309 | 15.73% | 0.957% |
| 283    | 17.397 | 17.361 | 17.419 | VV | 85522  | 2243480 | 6.95%  | 0.423% |
| 284    | 17.428 | 17.419 | 17.450 | VV | 69304  | 1174787 | 3.64%  | 0.222% |
| 285    | 17.469 | 17.450 | 17.492 | VV | 61202  | 1422941 | 4.41%  | 0.268% |
| 286    | 17.508 | 17.492 | 17.530 | VV | 59421  | 1232574 | 3.82%  | 0.232% |
| 287    | 17.559 | 17.530 | 17.566 | VV | 55669  | 1162432 | 3.60%  | 0.219% |
| 288    | 17.591 | 17.566 | 17.647 | VV | 73216  | 3114595 | 9.66%  | 0.587% |
| 289    | 17.676 | 17.647 | 17.694 | VV | 245205 | 4081490 | 12.65% | 0.770% |
| 290    | 17.711 | 17.694 | 17.751 | VV | 218248 | 4845478 | 15.02% | 0.914% |
| 291    | 17.766 | 17.751 | 17.799 | VV | 95683  | 2337868 | 7.25%  | 0.441% |
| 292    | 17.820 | 17.799 | 17.827 | VV | 76780  | 1197061 | 3.71%  | 0.226% |
| 293    | 17.850 | 17.827 | 17.875 | VV | 78311  | 2031386 | 6.30%  | 0.383% |
| 294    | 17.926 | 17.875 | 17.966 | VV | 245634 | 6151367 | 19.07% | 1.160% |
| 295    | 17.974 | 17.966 | 17.994 | VV | 74745  | 1141869 | 3.54%  | 0.215% |
| 296    | 18.014 | 17.994 | 18.023 | VV | 73641  | 1256912 | 3.90%  | 0.237% |
| 297    | 18.080 | 18.023 | 18.106 | VV | 86846  | 3628668 | 11.25% | 0.684% |
| 298    | 18.141 | 18.106 | 18.170 | VV | 267965 | 5478534 | 16.98% | 1.033% |
| 299    | 18.189 | 18.170 | 18.211 | VV | 93887  | 2015852 | 6.25%  | 0.380% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 300 | 18.240 | 18.211 | 18.304 | VV | 92475  | 4470014  | 13.86% | 0.843% |
| 301 | 18.315 | 18.304 | 18.326 | VV | 79328  | 1012891  | 3.14%  | 0.191% |
| 302 | 18.334 | 18.326 | 18.342 | VV | 78337  | 746531   | 2.31%  | 0.141% |
| 303 | 18.371 | 18.342 | 18.389 | VV | 90433  | 2329467  | 7.22%  | 0.439% |
| 304 | 18.400 | 18.389 | 18.423 | VV | 82741  | 1662362  | 5.15%  | 0.314% |
| 305 | 18.466 | 18.423 | 18.486 | VV | 87327  | 3148555  | 9.76%  | 0.594% |
| 306 | 18.528 | 18.486 | 18.570 | VV | 112388 | 4839868  | 15.00% | 0.913% |
| 307 | 18.593 | 18.570 | 18.616 | VV | 99716  | 2549249  | 7.90%  | 0.481% |
| 308 | 18.630 | 18.616 | 18.652 | VV | 91575  | 1961591  | 6.08%  | 0.370% |
| 309 | 18.687 | 18.652 | 18.709 | VV | 92373  | 3055681  | 9.47%  | 0.576% |
| 310 | 18.747 | 18.709 | 18.761 | VV | 93225  | 2863142  | 8.88%  | 0.540% |
| 311 | 18.770 | 18.761 | 18.800 | VV | 94709  | 2142199  | 6.64%  | 0.404% |
| 312 | 18.816 | 18.800 | 18.839 | VV | 97566  | 2191573  | 6.79%  | 0.413% |
| 313 | 18.847 | 18.839 | 18.867 | VV | 96950  | 1595337  | 4.95%  | 0.301% |
| 314 | 18.923 | 18.867 | 18.973 | VV | 286544 | 9044780  | 28.04% | 1.706% |
| 315 | 19.003 | 18.973 | 19.031 | VV | 108498 | 3586335  | 11.12% | 0.676% |
| 316 | 19.060 | 19.031 | 19.080 | VV | 107563 | 3048652  | 9.45%  | 0.575% |
| 317 | 19.104 | 19.080 | 19.142 | VV | 125097 | 4232906  | 13.12% | 0.798% |
| 318 | 19.168 | 19.142 | 19.189 | VV | 124778 | 3255256  | 10.09% | 0.614% |
| 319 | 19.218 | 19.189 | 19.254 | VV | 122593 | 4553225  | 14.12% | 0.859% |
| 320 | 19.295 | 19.254 | 19.327 | VV | 135734 | 5401303  | 16.74% | 1.019% |
| 321 | 19.342 | 19.327 | 19.356 | VV | 119810 | 1961477  | 6.08%  | 0.370% |
| 322 | 19.416 | 19.356 | 19.447 | VV | 130405 | 6662128  | 20.65% | 1.257% |
| 323 | 19.503 | 19.447 | 19.564 | VV | 145976 | 9217202  | 28.57% | 1.739% |
| 324 | 19.570 | 19.564 | 19.591 | VV | 134400 | 2113840  | 6.55%  | 0.399% |
| 325 | 19.597 | 19.591 | 19.607 | VV | 129350 | 1201283  | 3.72%  | 0.227% |
| 326 | 19.619 | 19.607 | 19.627 | VV | 132380 | 1566977  | 4.86%  | 0.296% |
| 327 | 19.661 | 19.627 | 19.715 | VV | 295630 | 9421143  | 29.21% | 1.777% |
| 328 | 19.738 | 19.715 | 19.784 | VV | 145162 | 5799060  | 17.98% | 1.094% |
| 329 | 19.820 | 19.784 | 19.844 | VV | 154667 | 5309480  | 16.46% | 1.001% |
| 330 | 19.865 | 19.844 | 19.891 | VV | 143641 | 3935569  | 12.20% | 0.742% |
| 331 | 19.917 | 19.891 | 19.927 | VV | 145303 | 3098005  | 9.60%  | 0.584% |
| 332 | 19.952 | 19.927 | 19.961 | VV | 144302 | 2917605  | 9.04%  | 0.550% |
| 333 | 20.012 | 19.961 | 20.045 | VV | 174674 | 7895882  | 24.48% | 1.489% |
| 334 | 20.071 | 20.045 | 20.099 | VV | 163125 | 4927953  | 15.28% | 0.930% |
| 335 | 20.113 | 20.099 | 20.137 | VV | 161205 | 3595981  | 11.15% | 0.678% |
| 336 | 20.145 | 20.137 | 20.164 | VV | 155425 | 2433241  | 7.54%  | 0.459% |
| 337 | 20.201 | 20.164 | 20.212 | VV | 162679 | 4565631  | 14.15% | 0.861% |
| 338 | 20.235 | 20.212 | 20.261 | VV | 168749 | 4706533  | 14.59% | 0.888% |
| 339 | 20.277 | 20.261 | 20.298 | VV | 168246 | 3678329  | 11.40% | 0.694% |
| 340 | 20.359 | 20.298 | 20.412 | VV | 294708 | 13230452 | 41.01% | 2.496% |
| 341 | 20.429 | 20.412 | 20.457 | VV | 160275 | 4266482  | 13.23% | 0.805% |
| 342 | 20.479 | 20.457 | 20.497 | VV | 163928 | 3732936  | 11.57% | 0.704% |
| 343 | 20.515 | 20.497 | 20.524 | VV | 161622 | 2632139  | 8.16%  | 0.496% |
| 344 | 20.531 | 20.524 | 20.541 | VV | 163147 | 1583302  | 4.91%  | 0.299% |
| 345 | 20.549 | 20.541 | 20.597 | VV | 157675 | 5174619  | 16.04% | 0.976% |
| 346 | 20.611 | 20.597 | 20.640 | VV | 152147 | 3785144  | 11.73% | 0.714% |
| 347 | 20.675 | 20.640 | 20.693 | VV | 146077 | 4471710  | 13.86% | 0.843% |
| 348 | 20.722 | 20.693 | 20.748 | VV | 154171 | 4742830  | 14.70% | 0.895% |
| 349 | 20.769 | 20.748 | 20.786 | VV | 145789 | 3149707  | 9.76%  | 0.594% |
| 350 | 20.815 | 20.786 | 20.833 | VV | 151615 | 4071264  | 12.62% | 0.768% |
| 351 | 20.841 | 20.833 | 20.859 | VV | 146256 | 2291086  | 7.10%  | 0.432% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rters   |           |        |
| 352 | 20.866 | 20.859 | 20.924 | VV  | 148176                  | 5417948 | 16.80%    | 1.022% |
| 353 | 20.938 | 20.924 | 20.947 | VV  | 133167                  | 1824341 | 5.66%     | 0.344% |
| 354 | 20.959 | 20.947 | 21.009 | VV  | 131278                  | 4604902 | 14.28%    | 0.869% |
| 355 | 21.033 | 21.009 | 21.045 | VV  | 125121                  | 2615044 | 8.11%     | 0.493% |
| 356 | 21.066 | 21.045 | 21.082 | VV  | 121505                  | 2663646 | 8.26%     | 0.502% |
| 357 | 21.131 | 21.082 | 21.172 | VV  | 220162                  | 8781557 | 27.22%    | 1.656% |
| 358 | 21.180 | 21.172 | 21.189 | VV  | 129398                  | 1269747 | 3.94%     | 0.239% |
| 359 | 21.210 | 21.189 | 21.222 | VV  | 126389                  | 2420792 | 7.50%     | 0.457% |
| 360 | 21.256 | 21.222 | 21.282 | VV  | 122359                  | 4250468 | 13.18%    | 0.802% |
| 361 | 21.292 | 21.282 | 21.312 | VV  | 115205                  | 1976466 | 6.13%     | 0.373% |
| 362 | 21.329 | 21.312 | 21.341 | VV  | 111108                  | 1883828 | 5.84%     | 0.355% |
| 363 | 21.352 | 21.341 | 21.379 | VV  | 110094                  | 2463662 | 7.64%     | 0.465% |
| 364 | 21.390 | 21.379 | 21.401 | VBA | 108873                  | 1473375 | 4.57%     | 0.278% |
|     |        |        |        |     | Sum of corrected areas: |         | 530170718 |        |

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