

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050719AL\  
 Data File : FC041051.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 May 2019 11:01  
 Sample : K2654-04DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 042219.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         | 2.836       | 2.802        | 2.851      | BV       | 186            | 2361         | 0.01%          | 0.000%        |
| 2         | 2.861       | 2.851        | 2.887      | VV       | 214            | 1837         | 0.01%          | 0.000%        |
| 3         | 2.916       | 2.887        | 2.937      | VV       | 193            | 2834         | 0.02%          | 0.001%        |
| 4         | 2.952       | 2.937        | 2.964      | VV       | 119            | 1416         | 0.01%          | 0.000%        |
| 5         | 2.996       | 2.964        | 3.039      | VV       | 321            | 6699         | 0.04%          | 0.001%        |
| 6         | 3.059       | 3.039        | 3.089      | VV       | 374            | 5547         | 0.03%          | 0.001%        |
| 7         | 3.131       | 3.089        | 3.144      | VV       | 285            | 5942         | 0.03%          | 0.001%        |
| 8         | 3.166       | 3.144        | 3.191      | VV       | 266            | 5684         | 0.03%          | 0.001%        |
| 9         | 3.210       | 3.191        | 3.243      | VV       | 933            | 10560        | 0.06%          | 0.002%        |
| 10        | 3.253       | 3.243        | 3.277      | VV       | 130            | 1954         | 0.01%          | 0.000%        |
| 11        | 3.294       | 3.277        | 3.364      | VV       | 459            | 10637        | 0.06%          | 0.002%        |
| 12        | 3.377       | 3.364        | 3.391      | VV       | 168            | 1902         | 0.01%          | 0.000%        |
| 13        | 3.404       | 3.391        | 3.441      | VV       | 178            | 3859         | 0.02%          | 0.001%        |
| 14        | 3.468       | 3.456        | 3.486      | VV       | 305            | 2953         | 0.02%          | 0.001%        |
| 15        | 3.504       | 3.486        | 3.524      | VV       | 314            | 4540         | 0.02%          | 0.001%        |
| 16        | 3.533       | 3.524        | 3.548      | VV       | 188            | 2067         | 0.01%          | 0.000%        |
| 17        | 3.572       | 3.548        | 3.619      | VV       | 578            | 9740         | 0.05%          | 0.002%        |
| 18        | 3.633       | 3.619        | 3.646      | VV       | 124            | 1063         | 0.01%          | 0.000%        |
| 19        | 3.686       | 3.646        | 3.724      | VV       | 485            | 8107         | 0.04%          | 0.002%        |
| 20        | 3.733       | 3.724        | 3.781      | VV       | 309            | 3670         | 0.02%          | 0.001%        |
| 21        | 3.820       | 3.781        | 3.862      | PV       | 157            | 4763         | 0.03%          | 0.001%        |
| 22        | 3.900       | 3.862        | 3.930      | VV       | 222            | 5976         | 0.03%          | 0.001%        |
| 23        | 3.956       | 3.930        | 4.011      | VV       | 275            | 7787         | 0.04%          | 0.002%        |
| 24        | 4.025       | 4.011        | 4.065      | VV       | 243            | 4886         | 0.03%          | 0.001%        |
| 25        | 4.085       | 4.065        | 4.122      | VV       | 246            | 4436         | 0.02%          | 0.001%        |
| 26        | 4.164       | 4.122        | 4.189      | VV       | 515            | 8075         | 0.04%          | 0.002%        |
| 27        | 4.217       | 4.189        | 4.225      | VV       | 441            | 5477         | 0.03%          | 0.001%        |
| 28        | 4.234       | 4.225        | 4.246      | VV       | 457            | 4421         | 0.02%          | 0.001%        |
| 29        | 4.267       | 4.246        | 4.289      | VV       | 570            | 8275         | 0.04%          | 0.002%        |
| 30        | 4.302       | 4.289        | 4.335      | VV       | 449            | 6242         | 0.03%          | 0.001%        |
| 31        | 4.370       | 4.335        | 4.389      | VV       | 245            | 4692         | 0.03%          | 0.001%        |
| 32        | 4.430       | 4.389        | 4.442      | VV       | 260            | 6712         | 0.04%          | 0.001%        |
| 33        | 4.463       | 4.442        | 4.491      | VV       | 771            | 10779        | 0.06%          | 0.002%        |
| 34        | 4.506       | 4.491        | 4.532      | VV       | 327            | 5039         | 0.03%          | 0.001%        |
| 35        | 4.560       | 4.532        | 4.586      | VV       | 606            | 8086         | 0.04%          | 0.002%        |
| 36        | 4.605       | 4.586        | 4.637      | VV       | 355            | 5480         | 0.03%          | 0.001%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 4.685 | 4.637 | 4.703 | PV | 369    | 6374  | 0.03% | 0.001% |
| 38 | 4.723 | 4.703 | 4.743 | VV | 564    | 7232  | 0.04% | 0.001% |
| 39 | 4.757 | 4.743 | 4.776 | VV | 159    | 2074  | 0.01% | 0.000% |
| 40 | 4.789 | 4.776 | 4.836 | VV | 224    | 3812  | 0.02% | 0.001% |
| 41 | 4.865 | 4.836 | 4.880 | VV | 185    | 2693  | 0.01% | 0.001% |
| 42 | 4.904 | 4.880 | 4.937 | VV | 283    | 6374  | 0.03% | 0.001% |
| 43 | 4.944 | 4.937 | 4.951 | VV | 241    | 1567  | 0.01% | 0.000% |
| 44 | 4.961 | 4.951 | 4.974 | VV | 282    | 2580  | 0.01% | 0.001% |
| 45 | 4.982 | 4.974 | 4.995 | VV | 210    | 2450  | 0.01% | 0.000% |
| 46 | 5.014 | 4.995 | 5.054 | VV | 389    | 8559  | 0.05% | 0.002% |
| 47 | 5.080 | 5.054 | 5.092 | VV | 258    | 3098  | 0.02% | 0.001% |
| 48 | 5.104 | 5.092 | 5.117 | VV | 192    | 1980  | 0.01% | 0.000% |
| 49 | 5.131 | 5.117 | 5.162 | VV | 281    | 5211  | 0.03% | 0.001% |
| 50 | 5.168 | 5.162 | 5.191 | VV | 267    | 2945  | 0.02% | 0.001% |
| 51 | 5.209 | 5.191 | 5.252 | VV | 412    | 8614  | 0.05% | 0.002% |
| 52 | 5.259 | 5.252 | 5.284 | VV | 166    | 2842  | 0.02% | 0.001% |
| 53 | 5.313 | 5.284 | 5.372 | VV | 448    | 16413 | 0.09% | 0.003% |
| 54 | 5.381 | 5.372 | 5.401 | VV | 235    | 3081  | 0.02% | 0.001% |
| 55 | 5.417 | 5.401 | 5.439 | VV | 232    | 4934  | 0.03% | 0.001% |
| 56 | 5.461 | 5.439 | 5.529 | VV | 343    | 10588 | 0.06% | 0.002% |
| 57 | 5.564 | 5.529 | 5.576 | VV | 183    | 3617  | 0.02% | 0.001% |
| 58 | 5.600 | 5.576 | 5.637 | VV | 411    | 7833  | 0.04% | 0.002% |
| 59 | 5.667 | 5.637 | 5.694 | VV | 356    | 8044  | 0.04% | 0.002% |
| 60 | 5.721 | 5.694 | 5.729 | VV | 588    | 7924  | 0.04% | 0.002% |
| 61 | 5.741 | 5.729 | 5.789 | VV | 902    | 12672 | 0.07% | 0.003% |
| 62 | 5.798 | 5.789 | 5.852 | VV | 273    | 5349  | 0.03% | 0.001% |
| 63 | 5.875 | 5.852 | 5.936 | VV | 228    | 7553  | 0.04% | 0.002% |
| 64 | 5.953 | 5.936 | 5.966 | PV | 337    | 3801  | 0.02% | 0.001% |
| 65 | 5.977 | 5.966 | 6.007 | VV | 248    | 4695  | 0.03% | 0.001% |
| 66 | 6.017 | 6.007 | 6.047 | VV | 213    | 3967  | 0.02% | 0.001% |
| 67 | 6.062 | 6.047 | 6.121 | VV | 203    | 6477  | 0.03% | 0.001% |
| 68 | 6.149 | 6.121 | 6.179 | VV | 245    | 4628  | 0.02% | 0.001% |
| 69 | 6.206 | 6.179 | 6.241 | VV | 381    | 7354  | 0.04% | 0.001% |
| 70 | 6.258 | 6.241 | 6.269 | VV | 180    | 2351  | 0.01% | 0.000% |
| 71 | 6.275 | 6.269 | 6.291 | VV | 154    | 1767  | 0.01% | 0.000% |
| 72 | 6.347 | 6.291 | 6.364 | VV | 238    | 6583  | 0.04% | 0.001% |
| 73 | 6.381 | 6.364 | 6.417 | VV | 240    | 4585  | 0.02% | 0.001% |
| 74 | 6.431 | 6.417 | 6.439 | VV | 181    | 1600  | 0.01% | 0.000% |
| 75 | 6.448 | 6.439 | 6.474 | VV | 134    | 2170  | 0.01% | 0.000% |
| 76 | 6.548 | 6.474 | 6.563 | PV | 498    | 11311 | 0.06% | 0.002% |
| 77 | 6.577 | 6.563 | 6.598 | VV | 280    | 4141  | 0.02% | 0.001% |
| 78 | 6.608 | 6.598 | 6.635 | VV | 221    | 3577  | 0.02% | 0.001% |
| 79 | 6.668 | 6.635 | 6.694 | VV | 278    | 6113  | 0.03% | 0.001% |
| 80 | 6.713 | 6.694 | 6.736 | VV | 737    | 9393  | 0.05% | 0.002% |
| 81 | 6.754 | 6.736 | 6.805 | VV | 473    | 10699 | 0.06% | 0.002% |
| 82 | 6.819 | 6.805 | 6.836 | VV | 191    | 2277  | 0.01% | 0.000% |
| 83 | 6.852 | 6.836 | 6.876 | VV | 224    | 2273  | 0.01% | 0.000% |
| 84 | 6.892 | 6.876 | 6.957 | VV | 366    | 11032 | 0.06% | 0.002% |
| 85 | 6.972 | 6.957 | 6.998 | VV | 198    | 2923  | 0.02% | 0.001% |
| 86 | 7.028 | 6.998 | 7.042 | PV | 316    | 4082  | 0.02% | 0.001% |
| 87 | 7.053 | 7.042 | 7.074 | VV | 153    | 2076  | 0.01% | 0.000% |
| 88 | 7.158 | 7.149 | 7.175 | VV | 467    | 6198  | 0.03% | 0.001% |
| 89 | 7.203 | 7.175 | 7.219 | VV | 534    | 11406 | 0.06% | 0.002% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.236  | 7.219  | 7.269  | VV | 596    | 11435   | 0.06%  | 0.002% |
| 91  | 7.275  | 7.269  | 7.302  | VV | 199    | 2954    | 0.02%  | 0.001% |
| 92  | 7.361  | 7.302  | 7.397  | PV | 608    | 14492   | 0.08%  | 0.003% |
| 93  | 7.417  | 7.397  | 7.431  | VV | 481    | 6246    | 0.03%  | 0.001% |
| 94  | 7.441  | 7.431  | 7.462  | VV | 301    | 4076    | 0.02%  | 0.001% |
| 95  | 7.487  | 7.462  | 7.516  | VV | 648    | 10814   | 0.06%  | 0.002% |
| 96  | 7.551  | 7.516  | 7.591  | VV | 708    | 18611   | 0.10%  | 0.004% |
| 97  | 7.600  | 7.591  | 7.619  | VV | 373    | 5097    | 0.03%  | 0.001% |
| 98  | 7.661  | 7.619  | 7.699  | VV | 758    | 23347   | 0.13%  | 0.005% |
| 99  | 7.726  | 7.699  | 7.759  | VV | 2972   | 45359   | 0.24%  | 0.009% |
| 100 | 7.783  | 7.759  | 7.799  | VV | 747    | 12477   | 0.07%  | 0.003% |
| 101 | 7.838  | 7.799  | 7.882  | VV | 3311   | 63605   | 0.34%  | 0.013% |
| 102 | 7.892  | 7.882  | 7.909  | VV | 807    | 11818   | 0.06%  | 0.002% |
| 103 | 7.943  | 7.909  | 7.957  | VV | 1272   | 29763   | 0.16%  | 0.006% |
| 104 | 8.025  | 8.011  | 8.044  | VV | 1578   | 26585   | 0.14%  | 0.005% |
| 105 | 8.067  | 8.044  | 8.092  | VV | 2701   | 55844   | 0.30%  | 0.011% |
| 106 | 8.134  | 8.092  | 8.154  | VV | 5948   | 104447  | 0.56%  | 0.021% |
| 107 | 8.173  | 8.154  | 8.182  | VV | 3121   | 44814   | 0.24%  | 0.009% |
| 108 | 8.200  | 8.182  | 8.222  | VV | 5745   | 90319   | 0.48%  | 0.018% |
| 109 | 8.239  | 8.222  | 8.261  | VV | 2729   | 57201   | 0.31%  | 0.012% |
| 110 | 8.287  | 8.261  | 8.299  | VV | 3767   | 69016   | 0.37%  | 0.014% |
| 111 | 8.322  | 8.299  | 8.339  | VV | 3823   | 86396   | 0.46%  | 0.018% |
| 112 | 8.350  | 8.339  | 8.366  | VV | 4177   | 61607   | 0.33%  | 0.013% |
| 113 | 8.377  | 8.366  | 8.387  | VV | 3534   | 44555   | 0.24%  | 0.009% |
| 114 | 8.420  | 8.387  | 8.448  | VV | 5081   | 157316  | 0.84%  | 0.032% |
| 115 | 8.464  | 8.448  | 8.474  | VV | 5245   | 76433   | 0.41%  | 0.016% |
| 116 | 8.485  | 8.474  | 8.502  | VV | 5609   | 84005   | 0.45%  | 0.017% |
| 117 | 8.533  | 8.502  | 8.549  | VV | 6016   | 147636  | 0.79%  | 0.030% |
| 118 | 8.572  | 8.549  | 8.602  | VV | 6425   | 181809  | 0.97%  | 0.037% |
| 119 | 8.648  | 8.602  | 8.684  | VV | 7525   | 322456  | 1.73%  | 0.066% |
| 120 | 8.719  | 8.684  | 8.737  | VV | 8167   | 239844  | 1.28%  | 0.049% |
| 121 | 8.745  | 8.737  | 8.759  | VV | 7673   | 97773   | 0.52%  | 0.020% |
| 122 | 8.811  | 8.759  | 8.834  | VV | 11230  | 436310  | 2.34%  | 0.089% |
| 123 | 8.889  | 8.834  | 8.916  | VV | 22584  | 656245  | 3.51%  | 0.134% |
| 124 | 8.941  | 8.916  | 8.957  | VV | 16134  | 337933  | 1.81%  | 0.069% |
| 125 | 8.969  | 8.957  | 8.987  | VV | 13978  | 235587  | 1.26%  | 0.048% |
| 126 | 9.022  | 8.987  | 9.041  | VV | 16085  | 441823  | 2.37%  | 0.090% |
| 127 | 9.056  | 9.041  | 9.074  | VV | 15017  | 289083  | 1.55%  | 0.059% |
| 128 | 9.111  | 9.074  | 9.129  | VV | 15601  | 488026  | 2.61%  | 0.099% |
| 129 | 9.178  | 9.129  | 9.191  | VV | 18087  | 605128  | 3.24%  | 0.123% |
| 130 | 9.285  | 9.254  | 9.302  | VV | 22037  | 610857  | 3.27%  | 0.124% |
| 131 | 9.322  | 9.302  | 9.335  | VV | 22509  | 429886  | 2.30%  | 0.088% |
| 132 | 9.443  | 9.412  | 9.472  | VV | 30818  | 983600  | 5.27%  | 0.200% |
| 133 | 9.510  | 9.472  | 9.524  | VV | 29633  | 887351  | 4.75%  | 0.181% |
| 134 | 9.606  | 9.556  | 9.627  | VV | 38220  | 1471565 | 7.88%  | 0.300% |
| 135 | 9.651  | 9.627  | 9.678  | VV | 53036  | 1355010 | 7.25%  | 0.276% |
| 136 | 9.741  | 9.678  | 9.768  | VV | 47155  | 2399746 | 12.85% | 0.489% |
| 137 | 9.803  | 9.768  | 9.828  | VV | 51380  | 1697711 | 9.09%  | 0.346% |
| 138 | 9.932  | 9.879  | 9.957  | VV | 60278  | 2627086 | 14.07% | 0.535% |
| 139 | 10.032 | 9.957  | 10.045 | VV | 75111  | 3351599 | 17.94% | 0.683% |
| 140 | 10.075 | 10.045 | 10.101 | VV | 95500  | 2701007 | 14.46% | 0.550% |
| 141 | 10.120 | 10.101 | 10.157 | VV | 79718  | 2567072 | 13.74% | 0.523% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 142    | 10.210 | 10.188 | 10.226 | VV | 85296  | 1805628  | 9.67%   | 0.368% |
| 143    | 10.337 | 10.299 | 10.352 | VV | 94680  | 2902508  | 15.54%  | 0.592% |
| 144    | 10.435 | 10.414 | 10.459 | VV | 106618 | 2797645  | 14.98%  | 0.570% |
| 145    | 10.546 | 10.506 | 10.556 | VV | 123897 | 3595051  | 19.25%  | 0.733% |
| 146    | 10.570 | 10.556 | 10.586 | VV | 129854 | 2281131  | 12.21%  | 0.465% |
| 147    | 10.605 | 10.586 | 10.626 | VV | 126603 | 3019084  | 16.16%  | 0.615% |
| 148    | 10.731 | 10.716 | 10.750 | VV | 141131 | 2846511  | 15.24%  | 0.580% |
| 149    | 10.797 | 10.750 | 10.851 | VV | 182665 | 9352071  | 50.07%  | 1.906% |
| 150    | 10.864 | 10.851 | 10.886 | VV | 157649 | 3220393  | 17.24%  | 0.656% |
| 151    | 10.907 | 10.886 | 10.934 | VV | 161794 | 4576733  | 24.50%  | 0.933% |
| 152    | 10.954 | 10.934 | 10.977 | VV | 170528 | 4330729  | 23.19%  | 0.883% |
| 153    | 11.029 | 10.977 | 11.057 | VV | 255502 | 9203683  | 49.28%  | 1.876% |
| 154    | 11.088 | 11.057 | 11.114 | VV | 199056 | 6392423  | 34.23%  | 1.303% |
| 155    | 11.179 | 11.136 | 11.196 | VV | 217618 | 7265080  | 38.90%  | 1.481% |
| 156    | 11.224 | 11.196 | 11.242 | VV | 226860 | 5978395  | 32.01%  | 1.218% |
| 157    | 11.259 | 11.242 | 11.279 | VV | 222239 | 4871497  | 26.08%  | 0.993% |
| 158    | 11.292 | 11.279 | 11.314 | VV | 215992 | 4439113  | 23.77%  | 0.905% |
| 159    | 11.455 | 11.425 | 11.466 | VV | 227493 | 5401314  | 28.92%  | 1.101% |
| 160    | 11.509 | 11.466 | 11.525 | VV | 240829 | 8345955  | 44.69%  | 1.701% |
| 161    | 11.539 | 11.525 | 11.562 | VV | 237242 | 5150171  | 27.57%  | 1.050% |
| 162    | 11.645 | 11.632 | 11.671 | VV | 242537 | 5520910  | 29.56%  | 1.125% |
| 163    | 11.720 | 11.714 | 11.732 | VV | 244050 | 2665621  | 14.27%  | 0.543% |
| 164    | 11.765 | 11.732 | 11.779 | VV | 250760 | 6863850  | 36.75%  | 1.399% |
| 165    | 11.790 | 11.779 | 11.799 | VV | 253816 | 3003721  | 16.08%  | 0.612% |
| 166    | 11.811 | 11.799 | 11.836 | VV | 253339 | 5422490  | 29.03%  | 1.105% |
| 167    | 11.873 | 11.836 | 11.916 | VV | 264403 | 12070543 | 64.63%  | 2.460% |
| 168    | 11.936 | 11.916 | 11.959 | VV | 264035 | 6654567  | 35.63%  | 1.356% |
| 169    | 11.980 | 11.959 | 12.001 | VV | 261310 | 6355610  | 34.03%  | 1.295% |
| 170    | 12.019 | 12.001 | 12.055 | VV | 261852 | 8173411  | 43.76%  | 1.666% |
| 171    | 12.074 | 12.055 | 12.094 | VV | 259518 | 5818050  | 31.15%  | 1.186% |
| 172    | 12.114 | 12.094 | 12.122 | VV | 252090 | 4166626  | 22.31%  | 0.849% |
| 173    | 12.137 | 12.122 | 12.189 | VV | 258737 | 10073472 | 53.93%  | 2.053% |
| 174    | 12.209 | 12.189 | 12.227 | VV | 246512 | 5523124  | 29.57%  | 1.126% |
| 175    | 12.243 | 12.227 | 12.274 | VV | 248442 | 6742329  | 36.10%  | 1.374% |
| 176    | 12.293 | 12.274 | 12.317 | VV | 247265 | 6284810  | 33.65%  | 1.281% |
| 177    | 12.353 | 12.317 | 12.407 | VV | 246216 | 12954894 | 69.36%  | 2.640% |
| 178    | 12.460 | 12.407 | 12.496 | VV | 290855 | 13433263 | 71.92%  | 2.738% |
| 179    | 12.519 | 12.496 | 12.627 | VV | 248859 | 18677250 | 100.00% | 3.806% |
| 180    | 12.645 | 12.627 | 12.659 | VV | 230377 | 4289265  | 22.97%  | 0.874% |
| 181    | 12.677 | 12.659 | 12.703 | VV | 235064 | 6067754  | 32.49%  | 1.237% |
| 182    | 12.713 | 12.703 | 12.736 | VV | 228774 | 4306613  | 23.06%  | 0.878% |
| 183    | 12.805 | 12.784 | 12.824 | VV | 225780 | 5341190  | 28.60%  | 1.089% |
| 184    | 12.935 | 12.916 | 12.988 | VV | 216891 | 9187272  | 49.19%  | 1.872% |
| 185    | 13.015 | 12.988 | 13.052 | VV | 214216 | 7899363  | 42.29%  | 1.610% |
| 186    | 13.058 | 13.052 | 13.096 | VV | 206157 | 5268548  | 28.21%  | 1.074% |
| 187    | 13.111 | 13.096 | 13.214 | VV | 202463 | 13657097 | 73.12%  | 2.783% |
| 188    | 13.233 | 13.214 | 13.327 | VV | 189104 | 12309818 | 65.91%  | 2.509% |
| 189    | 13.352 | 13.327 | 13.414 | VV | 185296 | 9235463  | 49.45%  | 1.882% |
| 190    | 13.438 | 13.414 | 13.470 | VV | 184130 | 5978124  | 32.01%  | 1.218% |
| 191    | 13.503 | 13.470 | 13.536 | VV | 178959 | 6666939  | 35.70%  | 1.359% |
| 192    | 13.549 | 13.536 | 13.568 | VV | 164063 | 3135373  | 16.79%  | 0.639% |
| 193    | 13.589 | 13.568 | 13.712 | VV | 163342 | 13149469 | 70.40%  | 2.680% |
| 194    | 13.733 | 13.712 | 13.757 | VV | 148030 | 3887005  | 20.81%  | 0.792% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 13.767 | 13.757 | 13.794 | VV | 139973 | 3044971 | 16.30% | 0.621% |
| 196    | 13.804 | 13.794 | 13.824 | VV | 137398 | 2456034 | 13.15% | 0.501% |
| 197    | 13.850 | 13.824 | 13.883 | VV | 140168 | 4899136 | 26.23% | 0.998% |
| 198    | 13.901 | 13.883 | 13.982 | VV | 139095 | 7824277 | 41.89% | 1.595% |
| 199    | 13.986 | 13.982 | 13.999 | VV | 123582 | 1226268 | 6.57%  | 0.250% |
| 200    | 14.013 | 13.999 | 14.029 | VV | 125308 | 2254891 | 12.07% | 0.460% |
| 201    | 14.043 | 14.029 | 14.091 | VV | 124267 | 4384933 | 23.48% | 0.894% |
| 202    | 14.109 | 14.091 | 14.150 | VV | 114179 | 4007548 | 21.46% | 0.817% |
| 203    | 14.189 | 14.182 | 14.267 | VV | 109802 | 5322768 | 28.50% | 1.085% |
| 204    | 14.274 | 14.267 | 14.292 | VV | 99456  | 1471941 | 7.88%  | 0.300% |
| 205    | 14.312 | 14.292 | 14.331 | VV | 100630 | 2280476 | 12.21% | 0.465% |
| 206    | 14.410 | 14.401 | 14.427 | VV | 93526  | 1460056 | 7.82%  | 0.298% |
| 207    | 14.449 | 14.427 | 14.514 | VV | 96001  | 4612836 | 24.70% | 0.940% |
| 208    | 14.521 | 14.514 | 14.542 | VV | 85606  | 1414516 | 7.57%  | 0.288% |
| 209    | 14.551 | 14.542 | 14.676 | VV | 82669  | 6222738 | 33.32% | 1.268% |
| 210    | 14.698 | 14.676 | 14.732 | VV | 73931  | 2470016 | 13.22% | 0.503% |
| 211    | 14.752 | 14.732 | 14.804 | VV | 72432  | 3001192 | 16.07% | 0.612% |
| 212    | 14.823 | 14.804 | 14.858 | VV | 69310  | 2210532 | 11.84% | 0.451% |
| 213    | 14.867 | 14.858 | 14.954 | VV | 66602  | 3534462 | 18.92% | 0.720% |
| 214    | 14.976 | 14.954 | 15.022 | VV | 59769  | 2344362 | 12.55% | 0.478% |
| 215    | 15.060 | 15.022 | 15.089 | VV | 55802  | 2151817 | 11.52% | 0.439% |
| 216    | 15.099 | 15.089 | 15.117 | VV | 53375  | 862574  | 4.62%  | 0.176% |
| 217    | 15.136 | 15.117 | 15.264 | VV | 52731  | 4292882 | 22.98% | 0.875% |
| 218    | 15.278 | 15.264 | 15.306 | VV | 44762  | 1098415 | 5.88%  | 0.224% |
| 219    | 15.317 | 15.306 | 15.341 | VV | 45883  | 925708  | 4.96%  | 0.189% |
| 220    | 15.354 | 15.341 | 15.411 | VV | 43439  | 1734945 | 9.29%  | 0.354% |
| 221    | 15.423 | 15.411 | 15.461 | VV | 38677  | 1135738 | 6.08%  | 0.231% |
| 222    | 15.536 | 15.499 | 15.587 | VV | 38862  | 1908571 | 10.22% | 0.389% |
| 223    | 15.597 | 15.587 | 15.611 | VV | 34290  | 468863  | 2.51%  | 0.096% |
| 224    | 15.631 | 15.611 | 15.684 | VV | 35133  | 1445104 | 7.74%  | 0.295% |
| 225    | 15.700 | 15.684 | 15.762 | VV | 32890  | 1418312 | 7.59%  | 0.289% |
| 226    | 15.766 | 15.762 | 15.776 | VV | 29027  | 225522  | 1.21%  | 0.046% |
| 227    | 15.804 | 15.776 | 15.846 | VV | 30769  | 1185515 | 6.35%  | 0.242% |
| 228    | 15.855 | 15.846 | 15.881 | VV | 25607  | 533956  | 2.86%  | 0.109% |
| 229    | 15.884 | 15.881 | 15.931 | VV | 25435  | 751270  | 4.02%  | 0.153% |
| 230    | 16.033 | 16.026 | 16.069 | VV | 23243  | 584704  | 3.13%  | 0.119% |
| 231    | 16.096 | 16.069 | 16.126 | VV | 26312  | 784448  | 4.20%  | 0.160% |
| 232    | 16.137 | 16.126 | 16.232 | VV | 21171  | 1238241 | 6.63%  | 0.252% |
| 233    | 16.269 | 16.232 | 16.291 | VV | 23759  | 704181  | 3.77%  | 0.144% |
| 234    | 16.317 | 16.291 | 16.359 | VV | 26874  | 832028  | 4.45%  | 0.170% |
| 235    | 16.383 | 16.359 | 16.430 | VV | 16966  | 692144  | 3.71%  | 0.141% |
| 236    | 16.447 | 16.430 | 16.468 | VV | 15466  | 337413  | 1.81%  | 0.069% |
| 237    | 16.488 | 16.468 | 16.496 | VV | 15740  | 255798  | 1.37%  | 0.052% |
| 238    | 16.532 | 16.496 | 16.572 | VV | 17363  | 692808  | 3.71%  | 0.141% |
| 239    | 16.606 | 16.572 | 16.651 | VV | 14472  | 631492  | 3.38%  | 0.129% |
| 240    | 16.663 | 16.651 | 16.689 | VV | 12631  | 283739  | 1.52%  | 0.058% |
| 241    | 16.715 | 16.689 | 16.767 | VV | 18542  | 634914  | 3.40%  | 0.129% |
| 242    | 16.773 | 16.767 | 16.815 | VV | 11091  | 306894  | 1.64%  | 0.063% |
| 243    | 16.846 | 16.815 | 16.892 | VV | 11611  | 485336  | 2.60%  | 0.099% |
| 244    | 16.899 | 16.892 | 16.917 | VV | 9348   | 140884  | 0.75%  | 0.029% |
| 245    | 16.936 | 16.917 | 16.952 | VV | 9478   | 193069  | 1.03%  | 0.039% |
| 246    | 16.962 | 16.952 | 16.980 | VV | 8940   | 141656  | 0.76%  | 0.029% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 17.001 | 16.980 | 17.049 | VV | 9134   | 363479 | 1.95% | 0.074% |
| 248 | 17.067 | 17.049 | 17.096 | VV | 8698   | 235266 | 1.26% | 0.048% |
| 249 | 17.116 | 17.096 | 17.128 | VV | 8608   | 160246 | 0.86% | 0.033% |
| 250 | 17.154 | 17.128 | 17.192 | VV | 14824  | 393654 | 2.11% | 0.080% |
|     |        |        |        |    |        |        |       |        |
| 251 | 17.217 | 17.192 | 17.237 | VV | 8241   | 213099 | 1.14% | 0.043% |
| 252 | 17.246 | 17.237 | 17.267 | VV | 7876   | 135974 | 0.73% | 0.028% |
| 253 | 17.319 | 17.267 | 17.390 | VV | 10710  | 593786 | 3.18% | 0.121% |
| 254 | 17.431 | 17.390 | 17.456 | VV | 7398   | 273966 | 1.47% | 0.056% |
| 255 | 17.463 | 17.456 | 17.474 | VV | 6776   | 72681  | 0.39% | 0.015% |
|     |        |        |        |    |        |        |       |        |
| 256 | 17.522 | 17.474 | 17.552 | VV | 8632   | 355751 | 1.90% | 0.073% |
| 257 | 17.577 | 17.552 | 17.612 | VV | 12884  | 321697 | 1.72% | 0.066% |
| 258 | 17.684 | 17.612 | 17.744 | VV | 10627  | 564406 | 3.02% | 0.115% |
| 259 | 17.751 | 17.744 | 17.775 | VV | 6092   | 111501 | 0.60% | 0.023% |
| 260 | 17.801 | 17.775 | 17.812 | VV | 6127   | 133319 | 0.71% | 0.027% |
|     |        |        |        |    |        |        |       |        |
| 261 | 17.841 | 17.812 | 17.866 | VV | 6941   | 206144 | 1.10% | 0.042% |
| 262 | 17.878 | 17.866 | 17.914 | VV | 6389   | 180001 | 0.96% | 0.037% |
| 263 | 17.932 | 17.914 | 17.942 | VV | 6255   | 103381 | 0.55% | 0.021% |
| 264 | 17.986 | 17.942 | 18.027 | VV | 11966  | 402321 | 2.15% | 0.082% |
| 265 | 18.035 | 18.027 | 18.044 | VV | 6395   | 62849  | 0.34% | 0.013% |
|     |        |        |        |    |        |        |       |        |
| 266 | 18.109 | 18.044 | 18.129 | VV | 7348   | 343724 | 1.84% | 0.070% |
| 267 | 18.156 | 18.129 | 18.177 | VV | 7831   | 208154 | 1.11% | 0.042% |
| 268 | 18.193 | 18.177 | 18.204 | VV | 7205   | 115041 | 0.62% | 0.023% |
| 269 | 18.242 | 18.204 | 18.262 | VV | 7532   | 252483 | 1.35% | 0.051% |
| 270 | 18.287 | 18.262 | 18.302 | VV | 7793   | 180483 | 0.97% | 0.037% |
|     |        |        |        |    |        |        |       |        |
| 271 | 18.383 | 18.302 | 18.417 | VV | 12351  | 639803 | 3.43% | 0.130% |
| 272 | 18.439 | 18.417 | 18.462 | VV | 9077   | 237424 | 1.27% | 0.048% |
| 273 | 18.514 | 18.462 | 18.524 | VV | 9556   | 339463 | 1.82% | 0.069% |
| 274 | 18.537 | 18.524 | 18.564 | VV | 9592   | 227710 | 1.22% | 0.046% |
| 275 | 18.594 | 18.564 | 18.619 | VV | 9706   | 318386 | 1.70% | 0.065% |
|     |        |        |        |    |        |        |       |        |
| 276 | 18.648 | 18.619 | 18.696 | VV | 9576   | 426303 | 2.28% | 0.087% |
| 277 | 18.702 | 18.696 | 18.747 | VV | 9026   | 273021 | 1.46% | 0.056% |
| 278 | 18.803 | 18.747 | 18.841 | VV | 11547  | 533832 | 2.86% | 0.109% |
| 279 | 18.855 | 18.841 | 18.902 | VV | 8759   | 311389 | 1.67% | 0.063% |
| 280 | 18.935 | 18.902 | 19.009 | VV | 8418   | 521637 | 2.79% | 0.106% |
|     |        |        |        |    |        |        |       |        |
| 281 | 19.032 | 19.009 | 19.066 | VV | 7924   | 264723 | 1.42% | 0.054% |
| 282 | 19.085 | 19.066 | 19.119 | VV | 7850   | 247082 | 1.32% | 0.050% |
| 283 | 19.148 | 19.119 | 19.189 | VV | 8012   | 328591 | 1.76% | 0.067% |
| 284 | 19.199 | 19.189 | 19.221 | VV | 7480   | 140515 | 0.75% | 0.029% |
| 285 | 19.279 | 19.221 | 19.310 | VV | 8778   | 421838 | 2.26% | 0.086% |
|     |        |        |        |    |        |        |       |        |
| 286 | 19.318 | 19.310 | 19.342 | VV | 7347   | 142639 | 0.76% | 0.029% |
| 287 | 19.354 | 19.342 | 19.386 | VV | 7285   | 186203 | 1.00% | 0.038% |
| 288 | 19.412 | 19.386 | 19.526 | VV | 7378   | 586588 | 3.14% | 0.120% |
| 289 | 19.532 | 19.526 | 19.546 | VV | 6724   | 78902  | 0.42% | 0.016% |
| 290 | 19.551 | 19.546 | 19.574 | VV | 6568   | 109377 | 0.59% | 0.022% |
|     |        |        |        |    |        |        |       |        |
| 291 | 19.583 | 19.574 | 19.619 | VV | 6422   | 170863 | 0.91% | 0.035% |
| 292 | 19.666 | 19.619 | 19.752 | VV | 6569   | 497991 | 2.67% | 0.101% |
| 293 | 19.826 | 19.752 | 19.887 | VV | 7305   | 520231 | 2.79% | 0.106% |
| 294 | 19.907 | 19.887 | 19.967 | VV | 6247   | 286783 | 1.54% | 0.058% |
| 295 | 20.029 | 19.967 | 20.046 | VV | 5799   | 268066 | 1.44% | 0.055% |
|     |        |        |        |    |        |        |       |        |
| 296 | 20.089 | 20.046 | 20.116 | VV | 5805   | 239796 | 1.28% | 0.049% |
| 297 | 20.131 | 20.116 | 20.146 | VV | 5725   | 101619 | 0.54% | 0.021% |
| 298 | 20.158 | 20.146 | 20.186 | VV | 5725   | 132974 | 0.71% | 0.027% |
| 299 | 20.237 | 20.186 | 20.274 | VV | 5766   | 295793 | 1.58% | 0.060% |

|     |        |        |        |    |                         |           |       |        |
|-----|--------|--------|--------|----|-------------------------|-----------|-------|--------|
|     |        |        |        |    | rteres                  |           |       |        |
| 300 | 20.306 | 20.274 | 20.372 | VV | 5725                    | 332256    | 1.78% | 0.068% |
| 301 | 20.378 | 20.372 | 20.392 | VV | 5636                    | 66213     | 0.35% | 0.013% |
| 302 | 20.418 | 20.392 | 20.427 | VV | 5600                    | 115106    | 0.62% | 0.023% |
| 303 | 20.464 | 20.427 | 20.587 | VV | 5972                    | 486798    | 2.61% | 0.099% |
| 304 | 20.595 | 20.587 | 20.614 | VV | 4487                    | 70665     | 0.38% | 0.014% |
| 305 | 20.654 | 20.614 | 20.677 | VV | 4658                    | 169077    | 0.91% | 0.034% |
| 306 | 20.686 | 20.677 | 20.694 | VV | 4523                    | 45647     | 0.24% | 0.009% |
| 307 | 20.712 | 20.694 | 20.722 | VV | 4445                    | 74797     | 0.40% | 0.015% |
| 308 | 20.731 | 20.722 | 20.747 | VV | 4350                    | 64367     | 0.34% | 0.013% |
| 309 | 20.765 | 20.747 | 20.915 | VV | 4405                    | 416298    | 2.23% | 0.085% |
| 310 | 20.928 | 20.915 | 20.962 | VV | 3927                    | 108264    | 0.58% | 0.022% |
| 311 | 21.001 | 20.962 | 21.011 | VV | 4146                    | 109148    | 0.58% | 0.022% |
| 312 | 21.024 | 21.011 | 21.107 | VV | 3867                    | 212859    | 1.14% | 0.043% |
| 313 | 21.139 | 21.107 | 21.151 | VV | 3596                    | 93843     | 0.50% | 0.019% |
| 314 | 21.211 | 21.151 | 21.322 | VV | 3968                    | 360221    | 1.93% | 0.073% |
| 315 | 21.354 | 21.322 | 21.399 | VV | 3258                    | 144679    | 0.77% | 0.029% |
| 316 | 21.402 | 21.399 | 21.414 | VV | 3146                    | 27800     | 0.15% | 0.006% |
| 317 | 21.427 | 21.414 | 21.452 | VV | 3164                    | 69922     | 0.37% | 0.014% |
| 318 | 21.498 | 21.452 | 21.552 | VV | 3075                    | 175640    | 0.94% | 0.036% |
| 319 | 21.560 | 21.552 | 21.662 | VV | 2834                    | 170062    | 0.91% | 0.035% |
| 320 | 21.670 | 21.662 | 21.716 | VV | 2385                    | 71200     | 0.38% | 0.015% |
| 321 | 21.737 | 21.716 | 21.759 | VV | 2151                    | 53579     | 0.29% | 0.011% |
| 322 | 21.780 | 21.759 | 21.809 | VV | 2110                    | 60965     | 0.33% | 0.012% |
| 323 | 21.819 | 21.809 | 21.844 | VV | 2049                    | 40258     | 0.22% | 0.008% |
| 324 | 21.906 | 21.844 | 21.954 | VV | 2223                    | 136765    | 0.73% | 0.028% |
| 325 | 21.991 | 21.954 | 22.007 | VV | 2118                    | 66531     | 0.36% | 0.014% |
| 326 | 22.012 | 22.007 | 22.057 | VV | 2072                    | 59321     | 0.32% | 0.012% |
| 327 | 22.094 | 22.057 | 22.108 | VV | 2072                    | 60450     | 0.32% | 0.012% |
| 328 | 22.115 | 22.108 | 22.129 | VV | 1938                    | 24692     | 0.13% | 0.005% |
| 329 | 22.141 | 22.129 | 22.193 | VV | 1937                    | 69296     | 0.37% | 0.014% |
| 330 | 22.205 | 22.193 | 22.286 | VV | 1820                    | 90368     | 0.48% | 0.018% |
| 331 | 22.310 | 22.286 | 22.322 | VV | 1480                    | 30939     | 0.17% | 0.006% |
| 332 | 22.338 | 22.322 | 22.411 | VV | 1461                    | 73634     | 0.39% | 0.015% |
| 333 | 22.419 | 22.411 | 22.442 | VV | 1313                    | 23681     | 0.13% | 0.005% |
| 334 | 22.460 | 22.442 | 22.469 | VV | 1272                    | 19737     | 0.11% | 0.004% |
| 335 | 22.488 | 22.469 | 22.529 | VV | 1256                    | 41114     | 0.22% | 0.008% |
| 336 | 22.599 | 22.529 | 22.682 | VV | 1149                    | 97138     | 0.52% | 0.020% |
| 337 | 22.693 | 22.682 | 22.754 | VV | 978                     | 34960     | 0.19% | 0.007% |
| 338 | 22.765 | 22.754 | 22.781 | VV | 781                     | 11358     | 0.06% | 0.002% |
| 339 | 22.803 | 22.781 | 22.817 | VV | 723                     | 14790     | 0.08% | 0.003% |
| 340 | 22.835 | 22.817 | 22.944 | VV | 908                     | 46378     | 0.25% | 0.009% |
| 341 | 22.955 | 22.944 | 22.984 | VV | 538                     | 10022     | 0.05% | 0.002% |
| 342 | 22.991 | 22.984 | 23.014 | VV | 440                     | 6202      | 0.03% | 0.001% |
| 343 | 23.146 | 23.014 | 23.259 | VV | 401                     | 36229     | 0.19% | 0.007% |
|     |        |        |        |    | Sum of corrected areas: | 490677223 |       |        |

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