

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061920AL\  
 Data File : FC047975.D  
 Signal(s) : FID1A.CH  
 Acq On : 20 Jun 2020 5:33  
 Sample : L3013-03D  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 060920.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         | 3.546       | 3.482        | 3.588      | BV       | 165            | 3313         | 0.05%          | 0.001%        |
| 2         | 3.599       | 3.588        | 3.656      | VV       | 111            | 2581         | 0.04%          | 0.001%        |
| 3         | 3.674       | 3.656        | 3.695      | PV       | 116            | 2251         | 0.03%          | 0.001%        |
| 4         | 3.719       | 3.711        | 3.786      | VV       | 162            | 4869         | 0.07%          | 0.002%        |
| 5         | 3.817       | 3.786        | 3.851      | VV       | 186            | 4135         | 0.06%          | 0.002%        |
| 6         | 3.860       | 3.851        | 3.894      | VV       | 155            | 2478         | 0.03%          | 0.001%        |
| 7         | 3.907       | 3.894        | 3.937      | VV       | 136            | 2576         | 0.04%          | 0.001%        |
| 8         | 3.951       | 3.937        | 3.959      | VV       | 109            | 1044         | 0.01%          | 0.000%        |
| 9         | 3.983       | 3.959        | 4.002      | VV       | 204            | 3030         | 0.04%          | 0.001%        |
| 10        | 4.010       | 4.002        | 4.069      | VV       | 122            | 2928         | 0.04%          | 0.001%        |
| 11        | 4.088       | 4.069        | 4.121      | VV       | 138            | 3058         | 0.04%          | 0.001%        |
| 12        | 4.127       | 4.121        | 4.177      | VV       | 128            | 2601         | 0.04%          | 0.001%        |
| 13        | 4.205       | 4.177        | 4.226      | PV       | 340            | 4650         | 0.06%          | 0.002%        |
| 14        | 4.234       | 4.226        | 4.256      | VV       | 210            | 2003         | 0.03%          | 0.001%        |
| 15        | 4.303       | 4.256        | 4.324      | VV       | 196            | 4897         | 0.07%          | 0.002%        |
| 16        | 4.339       | 4.324        | 4.358      | VV       | 216            | 3179         | 0.04%          | 0.001%        |
| 17        | 4.382       | 4.358        | 4.401      | VV       | 171            | 3365         | 0.05%          | 0.001%        |
| 18        | 4.429       | 4.401        | 4.488      | VV       | 201            | 5301         | 0.07%          | 0.002%        |
| 19        | 4.529       | 4.488        | 4.572      | VV       | 487            | 9772         | 0.13%          | 0.004%        |
| 20        | 4.609       | 4.572        | 4.661      | VV       | 415            | 9702         | 0.13%          | 0.004%        |
| 21        | 4.675       | 4.661        | 4.693      | VV       | 199            | 2143         | 0.03%          | 0.001%        |
| 22        | 4.719       | 4.693        | 4.734      | VV       | 274            | 3524         | 0.05%          | 0.001%        |
| 23        | 4.751       | 4.734        | 4.788      | VV       | 280            | 7544         | 0.10%          | 0.003%        |
| 24        | 4.802       | 4.788        | 4.816      | VV       | 330            | 4256         | 0.06%          | 0.002%        |
| 25        | 4.826       | 4.816        | 4.839      | VV       | 249            | 2910         | 0.04%          | 0.001%        |
| 26        | 4.852       | 4.839        | 4.869      | VV       | 384            | 4099         | 0.06%          | 0.002%        |
| 27        | 4.884       | 4.869        | 4.926      | VV       | 775            | 11356        | 0.16%          | 0.004%        |
| 28        | 4.950       | 4.926        | 4.969      | VV       | 508            | 7787         | 0.11%          | 0.003%        |
| 29        | 4.985       | 4.969        | 5.021      | VV       | 1021           | 11913        | 0.16%          | 0.005%        |
| 30        | 5.029       | 5.021        | 5.071      | VV       | 279            | 4138         | 0.06%          | 0.002%        |
| 31        | 5.087       | 5.071        | 5.112      | VV       | 211            | 3296         | 0.05%          | 0.001%        |
| 32        | 5.150       | 5.112        | 5.165      | VV       | 605            | 8409         | 0.12%          | 0.003%        |
| 33        | 5.185       | 5.165        | 5.209      | VV       | 983            | 16725        | 0.23%          | 0.006%        |
| 34        | 5.227       | 5.209        | 5.258      | VV       | 5038           | 51144        | 0.70%          | 0.019%        |
| 35        | 5.284       | 5.258        | 5.311      | VV       | 3134           | 33360        | 0.46%          | 0.013%        |
| 36        | 5.339       | 5.311        | 5.367      | VV       | 538            | 10153        | 0.14%          | 0.004%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.418 | 5.367 | 5.452 | VV | 1097   | 29660  | 0.41% | 0.011% |
| 38 | 5.463 | 5.452 | 5.489 | VV | 498    | 7881   | 0.11% | 0.003% |
| 39 | 5.529 | 5.489 | 5.565 | VV | 779    | 23616  | 0.32% | 0.009% |
| 40 | 5.596 | 5.565 | 5.616 | VV | 1314   | 20084  | 0.28% | 0.008% |
| 41 | 5.640 | 5.616 | 5.652 | VV | 1218   | 21303  | 0.29% | 0.008% |
| 42 | 5.669 | 5.652 | 5.690 | VV | 4890   | 50204  | 0.69% | 0.019% |
| 43 | 5.724 | 5.690 | 5.746 | VV | 2463   | 33239  | 0.46% | 0.013% |
| 44 | 5.789 | 5.746 | 5.854 | VV | 1124   | 38337  | 0.53% | 0.015% |
| 45 | 5.869 | 5.854 | 5.888 | VV | 296    | 4255   | 0.06% | 0.002% |
| 46 | 5.905 | 5.888 | 5.971 | VV | 349    | 11156  | 0.15% | 0.004% |
| 47 | 5.980 | 5.971 | 6.016 | VV | 239    | 4280   | 0.06% | 0.002% |
| 48 | 6.028 | 6.016 | 6.059 | VV | 172    | 2851   | 0.04% | 0.001% |
| 49 | 6.077 | 6.059 | 6.109 | VV | 182    | 2823   | 0.04% | 0.001% |
| 50 | 6.125 | 6.109 | 6.152 | PV | 166    | 2544   | 0.03% | 0.001% |
| 51 | 6.189 | 6.152 | 6.207 | VV | 183    | 4919   | 0.07% | 0.002% |
| 52 | 6.223 | 6.207 | 6.251 | VV | 164    | 3109   | 0.04% | 0.001% |
| 53 | 6.263 | 6.251 | 6.301 | VV | 220    | 4189   | 0.06% | 0.002% |
| 54 | 6.323 | 6.301 | 6.358 | VV | 358    | 5632   | 0.08% | 0.002% |
| 55 | 6.429 | 6.358 | 6.466 | VV | 143    | 4565   | 0.06% | 0.002% |
| 56 | 6.498 | 6.466 | 6.522 | PV | 203    | 5130   | 0.07% | 0.002% |
| 57 | 6.529 | 6.522 | 6.557 | VV | 201    | 3107   | 0.04% | 0.001% |
| 58 | 6.602 | 6.557 | 6.729 | VV | 7572   | 113078 | 1.55% | 0.043% |
| 59 | 6.746 | 6.729 | 6.768 | VV | 534    | 7633   | 0.10% | 0.003% |
| 60 | 6.780 | 6.768 | 6.804 | VV | 256    | 4265   | 0.06% | 0.002% |
| 61 | 6.820 | 6.804 | 6.859 | VV | 224    | 3336   | 0.05% | 0.001% |
| 62 | 6.875 | 6.859 | 6.905 | VV | 134    | 1854   | 0.03% | 0.001% |
| 63 | 6.929 | 6.905 | 6.954 | VV | 159    | 2572   | 0.04% | 0.001% |
| 64 | 6.962 | 6.954 | 6.996 | VV | 134    | 1948   | 0.03% | 0.001% |
| 65 | 7.006 | 6.996 | 7.024 | PV | 105    | 1209   | 0.02% | 0.000% |
| 66 | 7.054 | 7.024 | 7.072 | VV | 140    | 2667   | 0.04% | 0.001% |
| 67 | 7.111 | 7.072 | 7.142 | VV | 227    | 4803   | 0.07% | 0.002% |
| 68 | 7.162 | 7.142 | 7.187 | VV | 140    | 2855   | 0.04% | 0.001% |
| 69 | 7.202 | 7.187 | 7.231 | VV | 184    | 2809   | 0.04% | 0.001% |
| 70 | 7.255 | 7.231 | 7.273 | VV | 247    | 2114   | 0.03% | 0.001% |
| 71 | 7.293 | 7.273 | 7.309 | VV | 427    | 4362   | 0.06% | 0.002% |
| 72 | 7.320 | 7.309 | 7.349 | VV | 410    | 4433   | 0.06% | 0.002% |
| 73 | 7.373 | 7.349 | 7.421 | VV | 3042   | 33467  | 0.46% | 0.013% |
| 74 | 7.451 | 7.421 | 7.478 | VV | 949    | 12043  | 0.17% | 0.005% |
| 75 | 7.516 | 7.478 | 7.556 | VV | 1983   | 38518  | 0.53% | 0.015% |
| 76 | 7.575 | 7.556 | 7.624 | VV | 1580   | 21282  | 0.29% | 0.008% |
| 77 | 7.658 | 7.624 | 7.673 | VV | 285    | 4700   | 0.06% | 0.002% |
| 78 | 7.685 | 7.673 | 7.704 | VV | 241    | 2710   | 0.04% | 0.001% |
| 79 | 7.718 | 7.704 | 7.747 | VV | 611    | 7959   | 0.11% | 0.003% |
| 80 | 7.772 | 7.747 | 7.803 | VV | 3751   | 40455  | 0.56% | 0.015% |
| 81 | 7.858 | 7.803 | 7.896 | VV | 1483   | 30876  | 0.42% | 0.012% |
| 82 | 7.916 | 7.896 | 7.924 | VV | 696    | 6864   | 0.09% | 0.003% |
| 83 | 7.940 | 7.924 | 7.977 | VV | 1405   | 19952  | 0.27% | 0.008% |
| 84 | 8.005 | 7.977 | 8.056 | VV | 645    | 12649  | 0.17% | 0.005% |
| 85 | 8.079 | 8.056 | 8.104 | VV | 648    | 9569   | 0.13% | 0.004% |
| 86 | 8.132 | 8.104 | 8.180 | VV | 3102   | 38532  | 0.53% | 0.015% |
| 87 | 8.199 | 8.180 | 8.223 | VV | 538    | 7465   | 0.10% | 0.003% |
| 88 | 8.238 | 8.223 | 8.252 | VV | 198    | 2829   | 0.04% | 0.001% |
| 89 | 8.292 | 8.252 | 8.308 | VV | 504    | 9687   | 0.13% | 0.004% |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 90  | 8.378  | 8.308  | 8.462  | VV | 5329   | 95077 | 1.31% | 0.036% |
| 91  | 8.482  | 8.462  | 8.504  | VV | 376    | 6598  | 0.09% | 0.003% |
| 92  | 8.523  | 8.504  | 8.535  | VV | 253    | 3389  | 0.05% | 0.001% |
| 93  | 8.552  | 8.535  | 8.592  | VV | 400    | 8343  | 0.11% | 0.003% |
| 94  | 8.607  | 8.592  | 8.639  | VV | 240    | 3260  | 0.04% | 0.001% |
| 95  | 8.658  | 8.639  | 8.684  | VV | 144    | 2430  | 0.03% | 0.001% |
| 96  | 8.750  | 8.684  | 8.771  | PV | 313    | 8360  | 0.11% | 0.003% |
| 97  | 8.783  | 8.771  | 8.802  | VV | 337    | 4531  | 0.06% | 0.002% |
| 98  | 8.818  | 8.802  | 8.829  | VV | 286    | 3318  | 0.05% | 0.001% |
| 99  | 8.844  | 8.829  | 8.879  | VV | 345    | 7533  | 0.10% | 0.003% |
| 100 | 8.908  | 8.879  | 8.949  | VV | 1352   | 21515 | 0.30% | 0.008% |
| 101 | 8.962  | 8.949  | 8.986  | VV | 355    | 5462  | 0.08% | 0.002% |
| 102 | 8.993  | 8.986  | 9.008  | VV | 239    | 2218  | 0.03% | 0.001% |
| 103 | 9.023  | 9.008  | 9.034  | VV | 166    | 2044  | 0.03% | 0.001% |
| 104 | 9.054  | 9.034  | 9.070  | VV | 319    | 4567  | 0.06% | 0.002% |
| 105 | 9.102  | 9.070  | 9.114  | VV | 771    | 11947 | 0.16% | 0.005% |
| 106 | 9.123  | 9.114  | 9.149  | VV | 674    | 10035 | 0.14% | 0.004% |
| 107 | 9.203  | 9.149  | 9.246  | VV | 4533   | 83815 | 1.15% | 0.032% |
| 108 | 9.280  | 9.246  | 9.307  | VV | 1084   | 16323 | 0.22% | 0.006% |
| 109 | 9.327  | 9.307  | 9.364  | VV | 714    | 13027 | 0.18% | 0.005% |
| 110 | 9.407  | 9.364  | 9.417  | VV | 626    | 13021 | 0.18% | 0.005% |
| 111 | 9.427  | 9.417  | 9.459  | VV | 761    | 10998 | 0.15% | 0.004% |
| 112 | 9.483  | 9.459  | 9.499  | VV | 1087   | 14569 | 0.20% | 0.006% |
| 113 | 9.515  | 9.499  | 9.529  | VV | 889    | 10641 | 0.15% | 0.004% |
| 114 | 9.551  | 9.529  | 9.587  | VV | 5091   | 73565 | 1.01% | 0.028% |
| 115 | 9.626  | 9.587  | 9.672  | VV | 1575   | 38079 | 0.52% | 0.014% |
| 116 | 9.699  | 9.672  | 9.726  | VV | 1759   | 29091 | 0.40% | 0.011% |
| 117 | 9.745  | 9.726  | 9.764  | VV | 1222   | 16003 | 0.22% | 0.006% |
| 118 | 9.802  | 9.764  | 9.821  | VV | 1285   | 25276 | 0.35% | 0.010% |
| 119 | 9.832  | 9.821  | 9.852  | VV | 587    | 7197  | 0.10% | 0.003% |
| 120 | 9.881  | 9.852  | 9.907  | VV | 1432   | 19179 | 0.26% | 0.007% |
| 121 | 9.919  | 9.907  | 9.937  | VV | 565    | 7536  | 0.10% | 0.003% |
| 122 | 9.965  | 9.937  | 10.014 | VV | 3850   | 53439 | 0.73% | 0.020% |
| 123 | 10.027 | 10.014 | 10.051 | VV | 438    | 7396  | 0.10% | 0.003% |
| 124 | 10.061 | 10.051 | 10.153 | VV | 335    | 9230  | 0.13% | 0.004% |
| 125 | 10.212 | 10.153 | 10.225 | VV | 223    | 4402  | 0.06% | 0.002% |
| 126 | 10.239 | 10.225 | 10.257 | VV | 173    | 1947  | 0.03% | 0.001% |
| 127 | 10.307 | 10.257 | 10.321 | PV | 375    | 7538  | 0.10% | 0.003% |
| 128 | 10.350 | 10.321 | 10.381 | VV | 1553   | 25713 | 0.35% | 0.010% |
| 129 | 10.396 | 10.381 | 10.413 | VV | 409    | 5667  | 0.08% | 0.002% |
| 130 | 10.438 | 10.413 | 10.476 | VV | 529    | 11815 | 0.16% | 0.004% |
| 131 | 10.492 | 10.476 | 10.531 | VV | 483    | 7839  | 0.11% | 0.003% |
| 132 | 10.541 | 10.531 | 10.557 | VV | 87     | 1157  | 0.02% | 0.000% |
| 133 | 10.627 | 10.557 | 10.660 | PV | 414    | 12869 | 0.18% | 0.005% |
| 134 | 10.697 | 10.660 | 10.739 | VV | 3140   | 49019 | 0.67% | 0.019% |
| 135 | 10.764 | 10.739 | 10.792 | VV | 2576   | 39648 | 0.54% | 0.015% |
| 136 | 10.824 | 10.792 | 10.861 | VV | 2303   | 35698 | 0.49% | 0.014% |
| 137 | 10.885 | 10.861 | 10.902 | VV | 755    | 9951  | 0.14% | 0.004% |
| 138 | 10.919 | 10.902 | 10.933 | VV | 452    | 6549  | 0.09% | 0.002% |
| 139 | 10.944 | 10.933 | 10.964 | VV | 359    | 4044  | 0.06% | 0.002% |
| 140 | 10.980 | 10.964 | 10.992 | PV | 283    | 2958  | 0.04% | 0.001% |
| 141 | 11.011 | 10.992 | 11.054 | VV | 680    | 14907 | 0.20% | 0.006% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.069 | 11.054 | 11.081 | VV | 712    | 8833    | 0.12%  | 0.003% |
| 143 | 11.119 | 11.081 | 11.162 | VV | 3344   | 62191   | 0.85%  | 0.024% |
| 144 | 11.183 | 11.162 | 11.212 | VV | 1098   | 20916   | 0.29%  | 0.008% |
| 145 | 11.225 | 11.212 | 11.233 | VV | 573    | 6200    | 0.09%  | 0.002% |
|     |        |        |        |    |        |         |        |        |
| 146 | 11.247 | 11.233 | 11.282 | VV | 692    | 13608   | 0.19%  | 0.005% |
| 147 | 11.304 | 11.282 | 11.338 | VV | 1004   | 22118   | 0.30%  | 0.008% |
| 148 | 11.349 | 11.338 | 11.368 | VV | 652    | 8761    | 0.12%  | 0.003% |
| 149 | 11.394 | 11.368 | 11.451 | VV | 3998   | 66676   | 0.92%  | 0.025% |
| 150 | 11.482 | 11.451 | 11.526 | VV | 2085   | 34606   | 0.48%  | 0.013% |
|     |        |        |        |    |        |         |        |        |
| 151 | 11.548 | 11.526 | 11.571 | VV | 307    | 5375    | 0.07%  | 0.002% |
| 152 | 11.585 | 11.571 | 11.606 | VV | 653    | 6449    | 0.09%  | 0.002% |
| 153 | 11.624 | 11.606 | 11.632 | PV | 191    | 1260    | 0.02%  | 0.000% |
| 154 | 11.687 | 11.632 | 11.731 | VV | 386    | 12182   | 0.17%  | 0.005% |
| 155 | 11.748 | 11.731 | 11.757 | PV | 179    | 1565    | 0.02%  | 0.001% |
|     |        |        |        |    |        |         |        |        |
| 156 | 11.791 | 11.757 | 11.812 | VV | 503    | 8716    | 0.12%  | 0.003% |
| 157 | 11.825 | 11.812 | 11.842 | VV | 298    | 3549    | 0.05%  | 0.001% |
| 158 | 11.878 | 11.842 | 11.897 | VV | 529    | 9350    | 0.13%  | 0.004% |
| 159 | 11.908 | 11.897 | 11.932 | VV | 278    | 2729    | 0.04%  | 0.001% |
| 160 | 11.946 | 11.932 | 11.969 | VV | 150    | 2483    | 0.03%  | 0.001% |
|     |        |        |        |    |        |         |        |        |
| 161 | 12.058 | 11.969 | 12.124 | PV | 3465   | 67679   | 0.93%  | 0.026% |
| 162 | 12.163 | 12.124 | 12.237 | VV | 426    | 14679   | 0.20%  | 0.006% |
| 163 | 12.275 | 12.237 | 12.309 | PV | 1204   | 17334   | 0.24%  | 0.007% |
| 164 | 12.328 | 12.309 | 12.347 | VV | 838    | 13019   | 0.18%  | 0.005% |
| 165 | 12.357 | 12.347 | 12.381 | VV | 515    | 8084    | 0.11%  | 0.003% |
|     |        |        |        |    |        |         |        |        |
| 166 | 12.398 | 12.381 | 12.410 | VV | 248    | 3391    | 0.05%  | 0.001% |
| 167 | 12.441 | 12.410 | 12.457 | VV | 575    | 9808    | 0.13%  | 0.004% |
| 168 | 12.469 | 12.457 | 12.486 | VV | 817    | 10044   | 0.14%  | 0.004% |
| 169 | 12.502 | 12.486 | 12.512 | VV | 840    | 11186   | 0.15%  | 0.004% |
| 170 | 12.533 | 12.512 | 12.571 | VV | 1966   | 35297   | 0.48%  | 0.013% |
|     |        |        |        |    |        |         |        |        |
| 171 | 12.585 | 12.571 | 12.602 | VV | 869    | 10290   | 0.14%  | 0.004% |
| 172 | 12.632 | 12.602 | 12.654 | VV | 677    | 17087   | 0.23%  | 0.006% |
| 173 | 12.659 | 12.654 | 12.668 | VV | 619    | 4377    | 0.06%  | 0.002% |
| 174 | 12.693 | 12.668 | 12.719 | VV | 4194   | 57117   | 0.78%  | 0.022% |
| 175 | 12.729 | 12.719 | 12.744 | VV | 637    | 8521    | 0.12%  | 0.003% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.780 | 12.744 | 12.811 | VV | 840    | 20820   | 0.29%  | 0.008% |
| 177 | 12.835 | 12.811 | 12.889 | VV | 647    | 18359   | 0.25%  | 0.007% |
| 178 | 12.913 | 12.889 | 12.927 | PV | 366    | 4577    | 0.06%  | 0.002% |
| 179 | 12.970 | 12.927 | 12.998 | VV | 481    | 14997   | 0.21%  | 0.006% |
| 180 | 13.018 | 12.998 | 13.029 | VV | 342    | 3208    | 0.04%  | 0.001% |
|     |        |        |        |    |        |         |        |        |
| 181 | 13.054 | 13.029 | 13.068 | VV | 461    | 6541    | 0.09%  | 0.002% |
| 182 | 13.139 | 13.068 | 13.276 | PV | 144125 | 1880809 | 25.83% | 0.714% |
| 183 | 13.300 | 13.276 | 13.337 | VV | 3532   | 53066   | 0.73%  | 0.020% |
| 184 | 13.378 | 13.337 | 13.426 | VV | 665    | 25519   | 0.35%  | 0.010% |
| 185 | 13.440 | 13.426 | 13.452 | VV | 238    | 2784    | 0.04%  | 0.001% |
|     |        |        |        |    |        |         |        |        |
| 186 | 13.481 | 13.452 | 13.497 | VV | 465    | 5985    | 0.08%  | 0.002% |
| 187 | 13.529 | 13.497 | 13.557 | PV | 1215   | 25103   | 0.34%  | 0.010% |
| 188 | 13.585 | 13.557 | 13.634 | VV | 1014   | 28234   | 0.39%  | 0.011% |
| 189 | 13.652 | 13.634 | 13.666 | VV | 503    | 7714    | 0.11%  | 0.003% |
| 190 | 13.679 | 13.666 | 13.699 | VV | 553    | 7857    | 0.11%  | 0.003% |
|     |        |        |        |    |        |         |        |        |
| 191 | 13.726 | 13.699 | 13.764 | VV | 1362   | 24230   | 0.33%  | 0.009% |
| 192 | 13.787 | 13.764 | 13.811 | VV | 888    | 16406   | 0.23%  | 0.006% |
| 193 | 13.824 | 13.811 | 13.842 | VV | 675    | 9067    | 0.12%  | 0.003% |
| 194 | 13.882 | 13.842 | 13.922 | VV | 3259   | 63148   | 0.87%  | 0.024% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.945 | 13.922 | 13.958 | VV | 1210   | 19250  | 0.26% | 0.007% |
| 196 | 13.968 | 13.958 | 13.994 | VV | 854    | 11383  | 0.16% | 0.004% |
| 197 | 14.031 | 13.994 | 14.051 | PV | 616    | 11875  | 0.16% | 0.005% |
| 198 | 14.115 | 14.051 | 14.141 | PV | 2596   | 60341  | 0.83% | 0.023% |
| 199 | 14.149 | 14.141 | 14.157 | VV | 657    | 5921   | 0.08% | 0.002% |
| 200 | 14.176 | 14.157 | 14.196 | VV | 1166   | 19570  | 0.27% | 0.007% |
| 201 | 14.211 | 14.196 | 14.227 | VV | 820    | 11329  | 0.16% | 0.004% |
| 202 | 14.245 | 14.227 | 14.259 | VV | 1181   | 14546  | 0.20% | 0.006% |
| 203 | 14.319 | 14.259 | 14.386 | VV | 4403   | 123944 | 1.70% | 0.047% |
| 204 | 14.406 | 14.386 | 14.422 | VV | 1164   | 15500  | 0.21% | 0.006% |
| 205 | 14.441 | 14.422 | 14.461 | VV | 2958   | 38549  | 0.53% | 0.015% |
| 206 | 14.481 | 14.461 | 14.491 | VV | 1001   | 13657  | 0.19% | 0.005% |
| 207 | 14.514 | 14.491 | 14.534 | VV | 1865   | 40292  | 0.55% | 0.015% |
| 208 | 14.572 | 14.534 | 14.619 | VV | 2301   | 67025  | 0.92% | 0.025% |
| 209 | 14.643 | 14.619 | 14.659 | VV | 2278   | 39414  | 0.54% | 0.015% |
| 210 | 14.677 | 14.659 | 14.701 | VV | 2271   | 48035  | 0.66% | 0.018% |
| 211 | 14.721 | 14.701 | 14.747 | VV | 2396   | 54562  | 0.75% | 0.021% |
| 212 | 14.762 | 14.747 | 14.775 | VV | 1847   | 27006  | 0.37% | 0.010% |
| 213 | 14.792 | 14.775 | 14.801 | VV | 2038   | 25095  | 0.34% | 0.010% |
| 214 | 14.836 | 14.801 | 14.856 | VV | 3398   | 74443  | 1.02% | 0.028% |
| 215 | 14.870 | 14.856 | 14.892 | VV | 2742   | 49015  | 0.67% | 0.019% |
| 216 | 14.919 | 14.892 | 14.932 | VV | 2428   | 48816  | 0.67% | 0.019% |
| 217 | 14.951 | 14.932 | 14.961 | VV | 2282   | 32835  | 0.45% | 0.012% |
| 218 | 14.980 | 14.961 | 15.001 | VV | 4726   | 82108  | 1.13% | 0.031% |
| 219 | 15.053 | 15.001 | 15.075 | VV | 3914   | 144623 | 1.99% | 0.055% |
| 220 | 15.092 | 15.075 | 15.101 | VV | 3704   | 47856  | 0.66% | 0.018% |
| 221 | 15.117 | 15.101 | 15.144 | VV | 4366   | 88822  | 1.22% | 0.034% |
| 222 | 15.181 | 15.144 | 15.202 | VV | 5389   | 145035 | 1.99% | 0.055% |
| 223 | 15.222 | 15.202 | 15.234 | VV | 5289   | 89184  | 1.22% | 0.034% |
| 224 | 15.252 | 15.234 | 15.270 | VV | 4609   | 90512  | 1.24% | 0.034% |
| 225 | 15.289 | 15.270 | 15.301 | VV | 4899   | 76683  | 1.05% | 0.029% |
| 226 | 15.329 | 15.301 | 15.344 | VV | 4841   | 121832 | 1.67% | 0.046% |
| 227 | 15.371 | 15.344 | 15.389 | VV | 5868   | 139866 | 1.92% | 0.053% |
| 228 | 15.410 | 15.389 | 15.424 | VV | 6491   | 114368 | 1.57% | 0.043% |
| 229 | 15.433 | 15.424 | 15.457 | VV | 6121   | 106850 | 1.47% | 0.041% |
| 230 | 15.540 | 15.457 | 15.564 | VV | 9366   | 474178 | 6.51% | 0.180% |
| 231 | 15.582 | 15.564 | 15.618 | VV | 7237   | 218614 | 3.00% | 0.083% |
| 232 | 15.638 | 15.618 | 15.647 | VV | 6980   | 115423 | 1.59% | 0.044% |
| 233 | 15.674 | 15.647 | 15.699 | VV | 9952   | 259836 | 3.57% | 0.099% |
| 234 | 15.714 | 15.699 | 15.722 | VV | 8896   | 120487 | 1.65% | 0.046% |
| 235 | 15.740 | 15.722 | 15.767 | VV | 9430   | 240640 | 3.30% | 0.091% |
| 236 | 15.801 | 15.767 | 15.854 | VV | 12455  | 554194 | 7.61% | 0.210% |
| 237 | 15.890 | 15.854 | 15.906 | VV | 11212  | 322911 | 4.43% | 0.123% |
| 238 | 15.932 | 15.906 | 15.952 | VV | 11224  | 298981 | 4.11% | 0.113% |
| 239 | 15.961 | 15.952 | 15.974 | VV | 11543  | 142832 | 1.96% | 0.054% |
| 240 | 15.994 | 15.974 | 16.007 | VV | 14418  | 252829 | 3.47% | 0.096% |
| 241 | 16.033 | 16.007 | 16.079 | VV | 16217  | 576794 | 7.92% | 0.219% |
| 242 | 16.095 | 16.079 | 16.109 | VV | 13793  | 222768 | 3.06% | 0.085% |
| 243 | 16.122 | 16.109 | 16.134 | VV | 12373  | 181360 | 2.49% | 0.069% |
| 244 | 16.162 | 16.134 | 16.181 | VV | 16842  | 411536 | 5.65% | 0.156% |
| 245 | 16.196 | 16.181 | 16.208 | VV | 18126  | 275939 | 3.79% | 0.105% |
| 246 | 16.217 | 16.208 | 16.236 | VV | 17300  | 262441 | 3.60% | 0.100% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.308 | 16.236 | 16.336 | VV | 21161  | 1029123 | 14.13% | 0.391% |
| 248    | 16.371 | 16.336 | 16.403 | VV | 20002  | 707641  | 9.72%  | 0.269% |
| 249    | 16.442 | 16.403 | 16.456 | VV | 18538  | 542635  | 7.45%  | 0.206% |
| 250    | 16.476 | 16.456 | 16.489 | VV | 20212  | 379892  | 5.22%  | 0.144% |
|        |        |        |        |    |        |         |        |        |
| 251    | 16.513 | 16.489 | 16.537 | VV | 20032  | 557152  | 7.65%  | 0.211% |
| 252    | 16.544 | 16.537 | 16.556 | VV | 19035  | 204026  | 2.80%  | 0.077% |
| 253    | 16.637 | 16.556 | 16.669 | VV | 27511  | 1553884 | 21.34% | 0.590% |
| 254    | 16.692 | 16.669 | 16.737 | VV | 28116  | 1075210 | 14.77% | 0.408% |
| 255    | 16.750 | 16.737 | 16.766 | VV | 26419  | 434133  | 5.96%  | 0.165% |
|        |        |        |        |    |        |         |        |        |
| 256    | 16.810 | 16.766 | 16.857 | VV | 28925  | 1469321 | 20.18% | 0.558% |
| 257    | 16.862 | 16.857 | 16.886 | VV | 25292  | 412278  | 5.66%  | 0.156% |
| 258    | 16.943 | 16.886 | 16.957 | VV | 31687  | 1221071 | 16.77% | 0.464% |
| 259    | 16.979 | 16.957 | 17.000 | VV | 40084  | 850929  | 11.69% | 0.323% |
| 260    | 17.017 | 17.000 | 17.037 | VV | 31313  | 658155  | 9.04%  | 0.250% |
|        |        |        |        |    |        |         |        |        |
| 261    | 17.092 | 17.037 | 17.107 | VV | 36717  | 1367037 | 18.77% | 0.519% |
| 262    | 17.126 | 17.107 | 17.141 | VV | 36328  | 688652  | 9.46%  | 0.261% |
| 263    | 17.179 | 17.141 | 17.198 | VV | 40489  | 1313652 | 18.04% | 0.499% |
| 264    | 17.208 | 17.198 | 17.231 | VV | 38917  | 710140  | 9.75%  | 0.270% |
| 265    | 17.258 | 17.231 | 17.297 | VV | 38705  | 1447996 | 19.88% | 0.550% |
|        |        |        |        |    |        |         |        |        |
| 266    | 17.316 | 17.297 | 17.329 | VV | 38999  | 731259  | 10.04% | 0.278% |
| 267    | 17.350 | 17.329 | 17.362 | VV | 38317  | 746579  | 10.25% | 0.283% |
| 268    | 17.381 | 17.362 | 17.417 | VV | 50144  | 1412654 | 19.40% | 0.536% |
| 269    | 17.441 | 17.417 | 17.459 | VV | 42053  | 1002489 | 13.77% | 0.381% |
| 270    | 17.476 | 17.459 | 17.485 | VV | 44300  | 651206  | 8.94%  | 0.247% |
|        |        |        |        |    |        |         |        |        |
| 271    | 17.525 | 17.485 | 17.584 | VV | 54946  | 2705502 | 37.15% | 1.027% |
| 272    | 17.604 | 17.584 | 17.637 | VV | 43034  | 1347722 | 18.51% | 0.512% |
| 273    | 17.677 | 17.637 | 17.686 | VV | 45904  | 1262685 | 17.34% | 0.479% |
| 274    | 17.695 | 17.686 | 17.716 | VV | 45735  | 809728  | 11.12% | 0.307% |
| 275    | 17.744 | 17.716 | 17.781 | VV | 57449  | 2022683 | 27.78% | 0.768% |
|        |        |        |        |    |        |         |        |        |
| 276    | 17.819 | 17.781 | 17.867 | VV | 59918  | 2787318 | 38.28% | 1.058% |
| 277    | 17.874 | 17.867 | 17.906 | VV | 49499  | 1104256 | 15.16% | 0.419% |
| 278    | 17.923 | 17.906 | 17.930 | VV | 49945  | 720655  | 9.90%  | 0.274% |
| 279    | 17.954 | 17.930 | 17.969 | VV | 62430  | 1335469 | 18.34% | 0.507% |
| 280    | 17.990 | 17.969 | 18.058 | VV | 78590  | 3261238 | 44.78% | 1.238% |
|        |        |        |        |    |        |         |        |        |
| 281    | 18.086 | 18.058 | 18.097 | VV | 58177  | 1324520 | 18.19% | 0.503% |
| 282    | 18.107 | 18.097 | 18.135 | VV | 60282  | 1309649 | 17.98% | 0.497% |
| 283    | 18.194 | 18.135 | 18.222 | VV | 69488  | 3287806 | 45.15% | 1.248% |
| 284    | 18.238 | 18.222 | 18.261 | VV | 66726  | 1422114 | 19.53% | 0.540% |
| 285    | 18.273 | 18.261 | 18.291 | VV | 62349  | 1054678 | 14.48% | 0.400% |
|        |        |        |        |    |        |         |        |        |
| 286    | 18.309 | 18.291 | 18.327 | VV | 63068  | 1277401 | 17.54% | 0.485% |
| 287    | 18.358 | 18.327 | 18.429 | VV | 85934  | 4209594 | 57.81% | 1.598% |
| 288    | 18.513 | 18.429 | 18.589 | VV | 76878  | 6657820 | 91.43% | 2.527% |
| 289    | 18.603 | 18.589 | 18.620 | VV | 72434  | 1323662 | 18.18% | 0.502% |
| 290    | 18.655 | 18.620 | 18.696 | VV | 74926  | 3265825 | 44.85% | 1.240% |
|        |        |        |        |    |        |         |        |        |
| 291    | 18.713 | 18.696 | 18.729 | VV | 71576  | 1414046 | 19.42% | 0.537% |
| 292    | 18.773 | 18.729 | 18.796 | VV | 98092  | 3290361 | 45.18% | 1.249% |
| 293    | 18.823 | 18.796 | 18.872 | VV | 94943  | 3905900 | 53.64% | 1.483% |
| 294    | 18.907 | 18.872 | 18.917 | VV | 86638  | 2191738 | 30.10% | 0.832% |
| 295    | 18.930 | 18.917 | 18.946 | VV | 85277  | 1416715 | 19.45% | 0.538% |
|        |        |        |        |    |        |         |        |        |
| 296    | 18.966 | 18.946 | 18.992 | VV | 84469  | 2309093 | 31.71% | 0.877% |
| 297    | 19.048 | 18.992 | 19.077 | VV | 100237 | 4512293 | 61.96% | 1.713% |
| 298    | 19.106 | 19.077 | 19.136 | VV | 100056 | 3190905 | 43.82% | 1.211% |
| 299    | 19.168 | 19.136 | 19.193 | VV | 99890  | 3169637 | 43.53% | 1.203% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 300    | 19.240 | 19.193 | 19.261 | VV | 103931 | 3891649 | 53.44%  | 1.477% |
| 301    | 19.270 | 19.261 | 19.282 | VV | 94841  | 1210152 | 16.62%  | 0.459% |
| 302    | 19.288 | 19.282 | 19.307 | VV | 96151  | 1385035 | 19.02%  | 0.526% |
| 303    | 19.332 | 19.307 | 19.364 | VV | 98885  | 3228567 | 44.34%  | 1.226% |
| 304    | 19.376 | 19.364 | 19.395 | VV | 97502  | 1790153 | 24.58%  | 0.680% |
| 305    | 19.439 | 19.395 | 19.509 | VV | 118367 | 7282143 | 100.00% | 2.764% |
| 306    | 19.542 | 19.509 | 19.557 | VV | 106686 | 2966861 | 40.74%  | 1.126% |
| 307    | 19.580 | 19.557 | 19.597 | VV | 108089 | 2537642 | 34.85%  | 0.963% |
| 308    | 19.618 | 19.597 | 19.630 | VV | 109191 | 2085576 | 28.64%  | 0.792% |
| 309    | 19.652 | 19.630 | 19.671 | VV | 114133 | 2667290 | 36.63%  | 1.012% |
| 310    | 19.679 | 19.671 | 19.687 | VV | 110482 | 1090871 | 14.98%  | 0.414% |
| 311    | 19.706 | 19.687 | 19.719 | VV | 111579 | 2073102 | 28.47%  | 0.787% |
| 312    | 19.730 | 19.719 | 19.749 | VV | 111857 | 1956008 | 26.86%  | 0.742% |
| 313    | 19.760 | 19.749 | 19.776 | VV | 108316 | 1698296 | 23.32%  | 0.645% |
| 314    | 19.832 | 19.776 | 19.849 | VV | 133120 | 5299114 | 72.77%  | 2.012% |
| 315    | 19.862 | 19.849 | 19.903 | VV | 129525 | 3979123 | 54.64%  | 1.510% |
| 316    | 19.924 | 19.903 | 19.945 | VV | 120569 | 3002220 | 41.23%  | 1.140% |
| 317    | 19.960 | 19.945 | 19.972 | VV | 118176 | 1838086 | 25.24%  | 0.698% |
| 318    | 19.985 | 19.972 | 20.012 | VV | 117877 | 2736853 | 37.58%  | 1.039% |
| 319    | 20.034 | 20.012 | 20.043 | VV | 118388 | 2118301 | 29.09%  | 0.804% |
| 320    | 20.067 | 20.043 | 20.073 | VV | 120010 | 2115011 | 29.04%  | 0.803% |
| 321    | 20.123 | 20.073 | 20.141 | VV | 131096 | 5005399 | 68.74%  | 1.900% |
| 322    | 20.151 | 20.141 | 20.179 | VV | 129180 | 2819765 | 38.72%  | 1.070% |
| 323    | 20.189 | 20.179 | 20.214 | VV | 124407 | 2515828 | 34.55%  | 0.955% |
| 324    | 20.261 | 20.214 | 20.298 | VV | 133680 | 6271556 | 86.12%  | 2.381% |
| 325    | 20.335 | 20.298 | 20.368 | VV | 135176 | 5383205 | 73.92%  | 2.043% |
| 326    | 20.376 | 20.368 | 20.399 | VV | 132149 | 2343971 | 32.19%  | 0.890% |
| 327    | 20.422 | 20.399 | 20.469 | VV | 132055 | 5103525 | 70.08%  | 1.937% |
| 328    | 20.478 | 20.469 | 20.491 | VV | 115742 | 1467111 | 20.15%  | 0.557% |
| 329    | 20.514 | 20.491 | 20.534 | VV | 116739 | 2921597 | 40.12%  | 1.109% |
| 330    | 20.571 | 20.534 | 20.597 | VV | 113805 | 4197657 | 57.64%  | 1.593% |
| 331    | 20.632 | 20.597 | 20.702 | VV | 117472 | 6931409 | 95.18%  | 2.631% |
| 332    | 20.711 | 20.702 | 20.734 | VV | 106190 | 1946095 | 26.72%  | 0.739% |
| 333    | 20.771 | 20.734 | 20.818 | VV | 110415 | 5315194 | 72.99%  | 2.018% |
| 334    | 20.852 | 20.818 | 20.866 | VV | 103597 | 2865967 | 39.36%  | 1.088% |
| 335    | 20.883 | 20.866 | 20.964 | VV | 104025 | 5682340 | 78.03%  | 2.157% |
| 336    | 20.969 | 20.964 | 20.977 | VV | 89832  | 696472  | 9.56%   | 0.264% |
| 337    | 20.985 | 20.977 | 21.082 | VV | 91842  | 5395252 | 74.09%  | 2.048% |
| 338    | 21.138 | 21.082 | 21.169 | VV | 86606  | 4384594 | 60.21%  | 1.664% |
| 339    | 21.203 | 21.169 | 21.227 | VV | 87336  | 2914879 | 40.03%  | 1.106% |
| 340    | 21.236 | 21.227 | 21.246 | VV | 81131  | 872123  | 11.98%  | 0.331% |
| 341    | 21.255 | 21.246 | 21.266 | VV | 79769  | 949872  | 13.04%  | 0.361% |
| 342    | 21.275 | 21.266 | 21.306 | VV | 81575  | 1830935 | 25.14%  | 0.695% |
| 343    | 21.321 | 21.306 | 21.334 | VV | 74224  | 1225016 | 16.82%  | 0.465% |
| 344    | 21.341 | 21.334 | 21.357 | VV | 72142  | 995900  | 13.68%  | 0.378% |
| 345    | 21.381 | 21.357 | 21.403 | VV | 71291  | 1925316 | 26.44%  | 0.731% |
| 346    | 21.423 | 21.403 | 21.447 | VV | 72020  | 1844920 | 25.33%  | 0.700% |
| 347    | 21.478 | 21.447 | 21.516 | VV | 74867  | 2924329 | 40.16%  | 1.110% |
| 348    | 21.525 | 21.516 | 21.555 | VV | 70372  | 1588244 | 21.81%  | 0.603% |
| 349    | 21.586 | 21.555 | 21.664 | VV | 68767  | 4187412 | 57.50%  | 1.590% |
| 350    | 21.681 | 21.664 | 21.711 | VV | 59899  | 1613485 | 22.16%  | 0.612% |
| 351    | 21.730 | 21.711 | 21.762 | VV | 60279  | 1759497 | 24.16%  | 0.668% |

|     |        |        |        |     |       |                         |        |           |
|-----|--------|--------|--------|-----|-------|-------------------------|--------|-----------|
|     |        |        |        |     |       | rteres                  |        |           |
| 352 | 21.774 | 21.762 | 21.784 | VV  | 58770 | 725973                  | 9.97%  | 0.276%    |
| 353 | 21.798 | 21.784 | 21.813 | VV  | 57563 | 1015776                 | 13.95% | 0.386%    |
| 354 | 21.829 | 21.813 | 21.838 | VV  | 59311 | 852631                  | 11.71% | 0.324%    |
| 355 | 21.847 | 21.838 | 21.902 | VV  | 58500 | 2200472                 | 30.22% | 0.835%    |
| 356 | 21.916 | 21.902 | 21.951 | VV  | 56629 | 1576348                 | 21.65% | 0.598%    |
| 357 | 22.001 | 21.951 | 22.025 | VV  | 54090 | 2347554                 | 32.24% | 0.891%    |
| 358 | 22.035 | 22.025 | 22.061 | VBA | 51934 | 1102219                 | 15.14% | 0.418%    |
|     |        |        |        |     |       | Sum of corrected areas: |        | 263439433 |

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