

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC031819AL\  
 Data File : FC039944.D  
 Signal(s) : FID1A.CH  
 Acq On : 18 Mar 2019 15:59  
 Sample : K1871-04DL 50X  
 Misc :  
 ALS Vial : 12 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         | 3.041       | 3.002        | 3.067      | BV       | 158            | 1692         | 0.07%          | 0.002%        |
| 2         | 3.081       | 3.067        | 3.102      | PV       | 144            | 1445         | 0.06%          | 0.001%        |
| 3         | 3.143       | 3.102        | 3.159      | VV       | 137            | 2648         | 0.11%          | 0.002%        |
| 4         | 3.180       | 3.159        | 3.192      | VV       | 160            | 1923         | 0.08%          | 0.002%        |
| 5         | 3.202       | 3.192        | 3.232      | VV       | 171            | 2242         | 0.09%          | 0.002%        |
| 6         | 3.248       | 3.232        | 3.280      | PV       | 217            | 2441         | 0.10%          | 0.002%        |
| 7         | 3.348       | 3.280        | 3.359      | PV       | 194            | 5023         | 0.21%          | 0.004%        |
| 8         | 3.367       | 3.359        | 3.379      | VV       | 234            | 1835         | 0.08%          | 0.002%        |
| 9         | 3.391       | 3.379        | 3.411      | VV       | 248            | 2520         | 0.11%          | 0.002%        |
| 10        | 3.429       | 3.411        | 3.452      | VV       | 167            | 2998         | 0.13%          | 0.003%        |
| 11        | 3.461       | 3.452        | 3.507      | PV       | 151            | 3078         | 0.13%          | 0.003%        |
| 12        | 3.544       | 3.534        | 3.564      | VV       | 197            | 1839         | 0.08%          | 0.002%        |
| 13        | 3.605       | 3.564        | 3.635      | VV       | 218            | 4005         | 0.17%          | 0.004%        |
| 14        | 3.654       | 3.635        | 3.671      | VV       | 161            | 1927         | 0.08%          | 0.002%        |
| 15        | 3.745       | 3.671        | 3.784      | PV       | 266            | 9030         | 0.38%          | 0.008%        |
| 16        | 3.837       | 3.784        | 3.911      | PV       | 228            | 9881         | 0.42%          | 0.009%        |
| 17        | 3.941       | 3.911        | 3.978      | VV       | 203            | 5091         | 0.22%          | 0.005%        |
| 18        | 3.996       | 3.978        | 4.021      | VV       | 122            | 1659         | 0.07%          | 0.001%        |
| 19        | 4.069       | 4.021        | 4.080      | PV       | 136            | 2609         | 0.11%          | 0.002%        |
| 20        | 4.092       | 4.080        | 4.099      | VV       | 175            | 1317         | 0.06%          | 0.001%        |
| 21        | 4.125       | 4.099        | 4.134      | VV       | 205            | 2973         | 0.13%          | 0.003%        |
| 22        | 4.145       | 4.134        | 4.159      | VV       | 174            | 2039         | 0.09%          | 0.002%        |
| 23        | 4.278       | 4.159        | 4.295      | VV       | 217            | 11238        | 0.47%          | 0.010%        |
| 24        | 4.310       | 4.295        | 4.325      | VV       | 166            | 2112         | 0.09%          | 0.002%        |
| 25        | 4.366       | 4.325        | 4.375      | VV       | 93             | 2375         | 0.10%          | 0.002%        |
| 26        | 4.478       | 4.392        | 4.492      | VV       | 129            | 4573         | 0.19%          | 0.004%        |
| 27        | 4.507       | 4.492        | 4.538      | VV       | 186            | 2937         | 0.12%          | 0.003%        |
| 28        | 4.553       | 4.538        | 4.615      | VV       | 78             | 2829         | 0.12%          | 0.003%        |
| 29        | 4.685       | 4.637        | 4.705      | PV       | 283            | 5260         | 0.22%          | 0.005%        |
| 30        | 4.751       | 4.705        | 4.782      | VV       | 220            | 6028         | 0.25%          | 0.005%        |
| 31        | 4.795       | 4.782        | 4.860      | VV       | 217            | 5206         | 0.22%          | 0.005%        |
| 32        | 4.873       | 4.860        | 4.879      | VV       | 131            | 1154         | 0.05%          | 0.001%        |
| 33        | 4.950       | 4.879        | 4.974      | VV       | 266            | 7616         | 0.32%          | 0.007%        |
| 34        | 4.994       | 4.974        | 5.034      | VV       | 119            | 3693         | 0.16%          | 0.003%        |
| 35        | 5.090       | 5.034        | 5.142      | VV       | 355            | 10408        | 0.44%          | 0.009%        |
| 36        | 5.150       | 5.142        | 5.184      | VV       | 111            | 2685         | 0.11%          | 0.002%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 37 | 5.193 | 5.184 | 5.227 | VV | 182    | 3219   | 0.14% | 0.003% |
| 38 | 5.245 | 5.227 | 5.298 | VV | 437    | 8012   | 0.34% | 0.007% |
| 39 | 5.312 | 5.298 | 5.344 | VV | 190    | 3309   | 0.14% | 0.003% |
| 40 | 5.366 | 5.344 | 5.402 | VV | 259    | 5620   | 0.24% | 0.005% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.428 | 5.402 | 5.458 | VV | 236    | 5175   | 0.22% | 0.005% |
| 42 | 5.482 | 5.458 | 5.510 | VV | 200    | 3880   | 0.16% | 0.003% |
| 43 | 5.535 | 5.510 | 5.548 | PV | 249    | 3441   | 0.15% | 0.003% |
| 44 | 5.568 | 5.548 | 5.593 | VV | 534    | 7547   | 0.32% | 0.007% |
| 45 | 5.626 | 5.593 | 5.639 | VV | 257    | 4562   | 0.19% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.661 | 5.639 | 5.678 | VV | 263    | 4750   | 0.20% | 0.004% |
| 47 | 5.696 | 5.678 | 5.715 | VV | 416    | 5765   | 0.24% | 0.005% |
| 48 | 5.744 | 5.715 | 5.768 | VV | 368    | 7281   | 0.31% | 0.006% |
| 49 | 5.790 | 5.768 | 5.805 | VV | 396    | 5758   | 0.24% | 0.005% |
| 50 | 5.848 | 5.805 | 5.869 | VV | 281    | 7281   | 0.31% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.882 | 5.869 | 5.907 | VV | 296    | 3822   | 0.16% | 0.003% |
| 52 | 5.933 | 5.907 | 5.940 | VV | 441    | 5418   | 0.23% | 0.005% |
| 53 | 5.952 | 5.940 | 5.965 | VV | 450    | 5461   | 0.23% | 0.005% |
| 54 | 5.983 | 5.965 | 5.995 | VV | 572    | 7743   | 0.33% | 0.007% |
| 55 | 6.001 | 5.995 | 6.050 | VV | 509    | 7754   | 0.33% | 0.007% |
|    |       |       |       |    |        |        |       |        |
| 56 | 6.077 | 6.050 | 6.102 | PV | 610    | 8259   | 0.35% | 0.007% |
| 57 | 6.141 | 6.102 | 6.155 | PV | 506    | 10180  | 0.43% | 0.009% |
| 58 | 6.169 | 6.155 | 6.184 | VV | 575    | 8005   | 0.34% | 0.007% |
| 59 | 6.204 | 6.184 | 6.262 | VV | 1946   | 34478  | 1.46% | 0.031% |
| 60 | 6.292 | 6.262 | 6.312 | VV | 700    | 13506  | 0.57% | 0.012% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.362 | 6.312 | 6.376 | VV | 994    | 23904  | 1.01% | 0.021% |
| 62 | 6.386 | 6.376 | 6.407 | VV | 839    | 9686   | 0.41% | 0.009% |
| 63 | 6.431 | 6.407 | 6.444 | VV | 728    | 10165  | 0.43% | 0.009% |
| 64 | 6.453 | 6.444 | 6.468 | VV | 640    | 7327   | 0.31% | 0.007% |
| 65 | 6.486 | 6.468 | 6.502 | VV | 1297   | 16065  | 0.68% | 0.014% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.521 | 6.502 | 6.537 | VV | 1073   | 16359  | 0.69% | 0.015% |
| 67 | 6.562 | 6.537 | 6.578 | VV | 1167   | 23973  | 1.01% | 0.021% |
| 68 | 6.589 | 6.578 | 6.598 | VV | 1091   | 12418  | 0.52% | 0.011% |
| 69 | 6.607 | 6.598 | 6.625 | VV | 1158   | 13738  | 0.58% | 0.012% |
| 70 | 6.676 | 6.625 | 6.696 | VV | 1190   | 37051  | 1.57% | 0.033% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.750 | 6.696 | 6.766 | VV | 3757   | 66327  | 2.80% | 0.059% |
| 72 | 6.775 | 6.766 | 6.788 | VV | 1497   | 16626  | 0.70% | 0.015% |
| 73 | 6.805 | 6.788 | 6.822 | VV | 2077   | 30048  | 1.27% | 0.027% |
| 74 | 6.838 | 6.822 | 6.855 | VV | 2381   | 35884  | 1.52% | 0.032% |
| 75 | 6.866 | 6.855 | 6.880 | VV | 1652   | 19795  | 0.84% | 0.018% |
|    |       |       |       |    |        |        |       |        |
| 76 | 6.935 | 6.880 | 6.945 | VV | 2131   | 63604  | 2.69% | 0.057% |
| 77 | 6.963 | 6.945 | 6.982 | VV | 2043   | 40459  | 1.71% | 0.036% |
| 78 | 7.016 | 6.982 | 7.033 | VV | 2255   | 54428  | 2.30% | 0.048% |
| 79 | 7.094 | 7.033 | 7.112 | VV | 2878   | 100614 | 4.25% | 0.090% |
| 80 | 7.137 | 7.112 | 7.168 | VV | 4166   | 99945  | 4.22% | 0.089% |
|    |       |       |       |    |        |        |       |        |
| 81 | 7.182 | 7.168 | 7.198 | VV | 2112   | 35844  | 1.51% | 0.032% |
| 82 | 7.229 | 7.198 | 7.257 | VV | 4332   | 94729  | 4.00% | 0.084% |
| 83 | 7.294 | 7.257 | 7.315 | VV | 7772   | 156654 | 6.62% | 0.139% |
| 84 | 7.324 | 7.315 | 7.349 | VV | 4015   | 74645  | 3.15% | 0.066% |
| 85 | 7.375 | 7.349 | 7.407 | VV | 5075   | 139356 | 5.89% | 0.124% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.422 | 7.407 | 7.438 | VV | 5037   | 78241  | 3.30% | 0.070% |
| 87 | 7.450 | 7.438 | 7.462 | VV | 3768   | 49294  | 2.08% | 0.044% |
| 88 | 7.508 | 7.462 | 7.528 | VV | 5103   | 172373 | 7.28% | 0.153% |
| 89 | 7.548 | 7.528 | 7.572 | VV | 6781   | 138931 | 5.87% | 0.124% |

|     |       |       |        |    |        |         |         |        |
|-----|-------|-------|--------|----|--------|---------|---------|--------|
|     |       |       |        |    | rteres |         |         |        |
| 90  | 7.584 | 7.572 | 7.594  | VV | 4145   | 53666   | 2.27%   | 0.048% |
| 91  | 7.613 | 7.594 | 7.635  | VV | 4729   | 106801  | 4.51%   | 0.095% |
| 92  | 7.654 | 7.635 | 7.674  | VV | 13072  | 195887  | 8.27%   | 0.174% |
| 93  | 7.689 | 7.674 | 7.717  | VV | 7551   | 151850  | 6.41%   | 0.135% |
| 94  | 7.737 | 7.717 | 7.753  | VV | 8363   | 129712  | 5.48%   | 0.115% |
| 95  | 7.766 | 7.753 | 7.774  | VV | 6082   | 72102   | 3.05%   | 0.064% |
| 96  | 7.794 | 7.774 | 7.807  | VV | 6994   | 129858  | 5.49%   | 0.116% |
| 97  | 7.820 | 7.807 | 7.835  | VV | 7842   | 116141  | 4.91%   | 0.103% |
| 98  | 7.853 | 7.835 | 7.860  | VV | 6516   | 91991   | 3.89%   | 0.082% |
| 99  | 7.881 | 7.860 | 7.902  | VV | 9853   | 198482  | 8.38%   | 0.177% |
| 100 | 7.961 | 7.902 | 8.011  | VV | 16109  | 599501  | 25.32%  | 0.534% |
| 101 | 8.029 | 8.011 | 8.042  | VV | 9847   | 155414  | 6.56%   | 0.138% |
| 102 | 8.063 | 8.042 | 8.097  | VV | 9978   | 276447  | 11.68%  | 0.246% |
| 103 | 8.123 | 8.097 | 8.141  | VV | 9467   | 221454  | 9.35%   | 0.197% |
| 104 | 8.178 | 8.141 | 8.207  | VV | 17251  | 448885  | 18.96%  | 0.400% |
| 105 | 8.253 | 8.207 | 8.270  | VV | 19991  | 489516  | 20.68%  | 0.436% |
| 106 | 8.282 | 8.270 | 8.302  | VV | 13363  | 240700  | 10.17%  | 0.214% |
| 107 | 8.319 | 8.302 | 8.343  | VV | 16533  | 336154  | 14.20%  | 0.299% |
| 108 | 8.365 | 8.343 | 8.394  | VV | 34479  | 587773  | 24.83%  | 0.523% |
| 109 | 8.421 | 8.394 | 8.462  | VV | 14758  | 484579  | 20.47%  | 0.431% |
| 110 | 8.484 | 8.462 | 8.498  | VV | 15199  | 278498  | 11.76%  | 0.248% |
| 111 | 8.512 | 8.498 | 8.522  | VV | 14285  | 185442  | 7.83%   | 0.165% |
| 112 | 8.538 | 8.522 | 8.554  | VV | 15325  | 272788  | 11.52%  | 0.243% |
| 113 | 8.584 | 8.554 | 8.601  | VV | 18581  | 436237  | 18.43%  | 0.388% |
| 114 | 8.611 | 8.601 | 8.627  | VV | 16014  | 232381  | 9.82%   | 0.207% |
| 115 | 8.639 | 8.627 | 8.650  | VV | 15439  | 204988  | 8.66%   | 0.182% |
| 116 | 8.667 | 8.650 | 8.686  | VV | 19300  | 343650  | 14.52%  | 0.306% |
| 117 | 8.730 | 8.686 | 8.749  | VV | 18553  | 580604  | 24.53%  | 0.517% |
| 118 | 8.779 | 8.749 | 8.812  | VV | 16758  | 538809  | 22.76%  | 0.480% |
| 119 | 8.832 | 8.812 | 8.867  | VV | 16926  | 503134  | 21.25%  | 0.448% |
| 120 | 8.884 | 8.867 | 8.895  | VV | 17669  | 276591  | 11.68%  | 0.246% |
| 121 | 8.920 | 8.895 | 8.938  | VV | 20232  | 479269  | 20.24%  | 0.427% |
| 122 | 8.947 | 8.938 | 8.982  | VV | 17755  | 455443  | 19.24%  | 0.405% |
| 123 | 9.005 | 8.982 | 9.033  | VV | 33612  | 718165  | 30.34%  | 0.639% |
| 124 | 9.076 | 9.033 | 9.084  | VV | 23384  | 601178  | 25.39%  | 0.535% |
| 125 | 9.094 | 9.084 | 9.122  | VV | 23770  | 470079  | 19.86%  | 0.418% |
| 126 | 9.179 | 9.122 | 9.206  | VV | 26525  | 1003675 | 42.40%  | 0.893% |
| 127 | 9.221 | 9.206 | 9.233  | VV | 16917  | 273143  | 11.54%  | 0.243% |
| 128 | 9.260 | 9.233 | 9.281  | VV | 18683  | 506061  | 21.38%  | 0.450% |
| 129 | 9.332 | 9.281 | 9.348  | VV | 21008  | 751938  | 31.76%  | 0.669% |
| 130 | 9.372 | 9.348 | 9.400  | VV | 31222  | 819643  | 34.62%  | 0.730% |
| 131 | 9.411 | 9.400 | 9.430  | VV | 23889  | 406739  | 17.18%  | 0.362% |
| 132 | 9.464 | 9.430 | 9.475  | VV | 25910  | 643089  | 27.16%  | 0.572% |
| 133 | 9.490 | 9.475 | 9.509  | VV | 26861  | 515792  | 21.79%  | 0.459% |
| 134 | 9.523 | 9.509 | 9.557  | VV | 25930  | 674488  | 28.49%  | 0.600% |
| 135 | 9.574 | 9.557 | 9.602  | VV | 23642  | 591787  | 25.00%  | 0.527% |
| 136 | 9.632 | 9.602 | 9.675  | VV | 27196  | 1067455 | 45.09%  | 0.950% |
| 137 | 9.697 | 9.675 | 9.724  | VV | 28290  | 719117  | 30.38%  | 0.640% |
| 138 | 9.805 | 9.724 | 9.835  | VV | 67507  | 2367368 | 100.00% | 2.107% |
| 139 | 9.857 | 9.835 | 9.894  | VV | 30967  | 1014544 | 42.86%  | 0.903% |
| 140 | 9.942 | 9.894 | 9.967  | VV | 29211  | 1192916 | 50.39%  | 1.062% |
| 141 | 9.995 | 9.967 | 10.020 | VV | 26008  | 806061  | 34.05%  | 0.718% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 142    | 10.083 | 10.020 | 10.105 | VV | 33225 | 1518012 | 64.12% | 1.351% |
| 143    | 10.166 | 10.105 | 10.183 | VV | 38072 | 1626643 | 68.71% | 1.448% |
| 144    | 10.224 | 10.183 | 10.256 | VV | 97659 | 2321920 | 98.08% | 2.067% |
| 145    | 10.266 | 10.256 | 10.301 | VV | 39563 | 910431  | 38.46% | 0.810% |
| 146    | 10.335 | 10.301 | 10.355 | VV | 36544 | 1058607 | 44.72% | 0.942% |
| 147    | 10.366 | 10.355 | 10.388 | VV | 33677 | 609977  | 25.77% | 0.543% |
| 148    | 10.409 | 10.388 | 10.431 | VV | 35877 | 829306  | 35.03% | 0.738% |
| 149    | 10.482 | 10.431 | 10.505 | VV | 38186 | 1501511 | 63.43% | 1.337% |
| 150    | 10.539 | 10.505 | 10.572 | VV | 44619 | 1471083 | 62.14% | 1.309% |
| 151    | 10.619 | 10.572 | 10.650 | VV | 37194 | 1560997 | 65.94% | 1.390% |
| 152    | 10.666 | 10.650 | 10.676 | VV | 34523 | 511528  | 21.61% | 0.455% |
| 153    | 10.702 | 10.676 | 10.728 | VV | 36200 | 1063027 | 44.90% | 0.946% |
| 154    | 10.762 | 10.728 | 10.772 | VV | 38331 | 930378  | 39.30% | 0.828% |
| 155    | 10.791 | 10.772 | 10.820 | VV | 40053 | 1088872 | 46.00% | 0.969% |
| 156    | 10.842 | 10.820 | 10.876 | VV | 41895 | 1277152 | 53.95% | 1.137% |
| 157    | 10.890 | 10.876 | 10.907 | VV | 36956 | 666733  | 28.16% | 0.593% |
| 158    | 10.939 | 10.907 | 10.978 | VV | 78152 | 2079266 | 87.83% | 1.851% |
| 159    | 11.004 | 10.978 | 11.028 | VV | 37610 | 1084725 | 45.82% | 0.966% |
| 160    | 11.040 | 11.028 | 11.074 | VV | 38327 | 954518  | 40.32% | 0.850% |
| 161    | 11.140 | 11.074 | 11.175 | VV | 48326 | 2315914 | 97.83% | 2.062% |
| 162    | 11.207 | 11.175 | 11.227 | VV | 37113 | 1120305 | 47.32% | 0.997% |
| 163    | 11.239 | 11.227 | 11.260 | VV | 37774 | 691504  | 29.21% | 0.616% |
| 164    | 11.280 | 11.260 | 11.305 | VV | 36904 | 934711  | 39.48% | 0.832% |
| 165    | 11.321 | 11.305 | 11.335 | VV | 38051 | 656486  | 27.73% | 0.584% |
| 166    | 11.404 | 11.335 | 11.434 | VV | 39438 | 2204231 | 93.11% | 1.962% |
| 167    | 11.451 | 11.434 | 11.463 | VV | 40134 | 661459  | 27.94% | 0.589% |
| 168    | 11.493 | 11.463 | 11.520 | VV | 54092 | 1499743 | 63.35% | 1.335% |
| 169    | 11.531 | 11.520 | 11.563 | VV | 38468 | 929545  | 39.26% | 0.827% |
| 170    | 11.584 | 11.563 | 11.602 | VV | 37554 | 824948  | 34.85% | 0.734% |
| 171    | 11.626 | 11.602 | 11.679 | VV | 38993 | 1700042 | 71.81% | 1.513% |
| 172    | 11.700 | 11.679 | 11.726 | VV | 37433 | 1007391 | 42.55% | 0.897% |
| 173    | 11.743 | 11.726 | 11.760 | VV | 34929 | 684155  | 28.90% | 0.609% |
| 174    | 11.795 | 11.760 | 11.842 | VV | 37424 | 1681394 | 71.02% | 1.497% |
| 175    | 11.864 | 11.842 | 11.895 | VV | 35733 | 1080731 | 45.65% | 0.962% |
| 176    | 11.908 | 11.895 | 11.927 | VV | 34754 | 631032  | 26.66% | 0.562% |
| 177    | 11.982 | 11.927 | 12.001 | VV | 34761 | 1484020 | 62.69% | 1.321% |
| 178    | 12.036 | 12.001 | 12.055 | VV | 37941 | 1143985 | 48.32% | 1.018% |
| 179    | 12.073 | 12.055 | 12.091 | VV | 40803 | 807495  | 34.11% | 0.719% |
| 180    | 12.102 | 12.091 | 12.127 | VV | 38264 | 777241  | 32.83% | 0.692% |
| 181    | 12.148 | 12.127 | 12.186 | VV | 38208 | 1216623 | 51.39% | 1.083% |
| 182    | 12.214 | 12.186 | 12.249 | VV | 34199 | 1210421 | 51.13% | 1.077% |
| 183    | 12.271 | 12.249 | 12.328 | VV | 34693 | 1528260 | 64.56% | 1.360% |
| 184    | 12.344 | 12.328 | 12.377 | VV | 30812 | 877720  | 37.08% | 0.781% |
| 185    | 12.388 | 12.377 | 12.409 | VV | 30379 | 564912  | 23.86% | 0.503% |
| 186    | 12.424 | 12.409 | 12.451 | VV | 31407 | 748836  | 31.63% | 0.667% |
| 187    | 12.472 | 12.451 | 12.492 | VV | 32028 | 729009  | 30.79% | 0.649% |
| 188    | 12.510 | 12.492 | 12.532 | VV | 30386 | 700743  | 29.60% | 0.624% |
| 189    | 12.586 | 12.532 | 12.608 | VV | 38393 | 1445616 | 61.06% | 1.287% |
| 190    | 12.642 | 12.608 | 12.673 | VV | 37696 | 1319988 | 55.76% | 1.175% |
| 191    | 12.695 | 12.673 | 12.716 | VV | 31974 | 788148  | 33.29% | 0.702% |
| 192    | 12.728 | 12.716 | 12.745 | VV | 30710 | 490080  | 20.70% | 0.436% |
| 193    | 12.761 | 12.745 | 12.793 | VV | 29452 | 798772  | 33.74% | 0.711% |
| 194    | 12.812 | 12.793 | 12.837 | VV | 28920 | 723154  | 30.55% | 0.644% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.856 | 12.837 | 12.925 | VV | 30694  | 1464482 | 61.86% | 1.304% |
| 196 | 12.943 | 12.925 | 12.955 | VV | 26677  | 475612  | 20.09% | 0.423% |
| 197 | 12.982 | 12.955 | 13.007 | VV | 30676  | 882806  | 37.29% | 0.786% |
| 198 | 13.019 | 13.007 | 13.038 | VV | 27015  | 492155  | 20.79% | 0.438% |
| 199 | 13.063 | 13.038 | 13.085 | VV | 26998  | 734227  | 31.01% | 0.654% |
| 200 | 13.095 | 13.085 | 13.142 | VV | 26513  | 854538  | 36.10% | 0.761% |
| 201 | 13.185 | 13.142 | 13.232 | VV | 27790  | 1407855 | 59.47% | 1.253% |
| 202 | 13.252 | 13.232 | 13.298 | VV | 26992  | 1009131 | 42.63% | 0.898% |
| 203 | 13.321 | 13.298 | 13.360 | VV | 24597  | 858871  | 36.28% | 0.765% |
| 204 | 13.371 | 13.360 | 13.388 | VV | 22848  | 383201  | 16.19% | 0.341% |
| 205 | 13.419 | 13.388 | 13.455 | VV | 23494  | 913687  | 38.60% | 0.813% |
| 206 | 13.471 | 13.455 | 13.528 | VV | 22663  | 936895  | 39.58% | 0.834% |
| 207 | 13.574 | 13.528 | 13.596 | VV | 23813  | 897484  | 37.91% | 0.799% |
| 208 | 13.653 | 13.596 | 13.671 | VV | 21863  | 946669  | 39.99% | 0.843% |
| 209 | 13.682 | 13.671 | 13.694 | VV | 20175  | 266157  | 11.24% | 0.237% |
| 210 | 13.711 | 13.694 | 13.735 | VV | 21598  | 510353  | 21.56% | 0.454% |
| 211 | 13.743 | 13.735 | 13.785 | VV | 20370  | 582072  | 24.59% | 0.518% |
| 212 | 13.805 | 13.785 | 13.846 | VV | 20626  | 694099  | 29.32% | 0.618% |
| 213 | 13.854 | 13.846 | 13.874 | VV | 17918  | 300190  | 12.68% | 0.267% |
| 214 | 13.890 | 13.874 | 13.929 | VV | 18355  | 580473  | 24.52% | 0.517% |
| 215 | 13.962 | 13.929 | 13.998 | VV | 18920  | 724154  | 30.59% | 0.645% |
| 216 | 14.022 | 13.998 | 14.055 | VV | 19046  | 597457  | 25.24% | 0.532% |
| 217 | 14.064 | 14.055 | 14.087 | VV | 16449  | 296644  | 12.53% | 0.264% |
| 218 | 14.102 | 14.087 | 14.147 | VV | 15513  | 536156  | 22.65% | 0.477% |
| 219 | 14.174 | 14.147 | 14.233 | VV | 17183  | 771619  | 32.59% | 0.687% |
| 220 | 14.262 | 14.233 | 14.315 | VV | 14709  | 670507  | 28.32% | 0.597% |
| 221 | 14.339 | 14.315 | 14.385 | VV | 14961  | 557003  | 23.53% | 0.496% |
| 222 | 14.397 | 14.385 | 14.415 | VV | 12810  | 224698  | 9.49%  | 0.200% |
| 223 | 14.435 | 14.415 | 14.458 | VV | 13656  | 322810  | 13.64% | 0.287% |
| 224 | 14.491 | 14.458 | 14.623 | VV | 13583  | 1103905 | 46.63% | 0.983% |
| 225 | 14.635 | 14.623 | 14.646 | VV | 10402  | 132431  | 5.59%  | 0.118% |
| 226 | 14.653 | 14.646 | 14.658 | VV | 9719   | 70612   | 2.98%  | 0.063% |
| 227 | 14.675 | 14.658 | 14.697 | VV | 10637  | 235891  | 9.96%  | 0.210% |
| 228 | 14.708 | 14.697 | 14.741 | VV | 10221  | 253849  | 10.72% | 0.226% |
| 229 | 14.767 | 14.741 | 14.801 | VV | 9507   | 322294  | 13.61% | 0.287% |
| 230 | 14.814 | 14.801 | 14.826 | VV | 8720   | 128632  | 5.43%  | 0.115% |
| 231 | 14.860 | 14.826 | 14.929 | VV | 9840   | 524407  | 22.15% | 0.467% |
| 232 | 14.984 | 14.929 | 15.073 | VV | 9220   | 665997  | 28.13% | 0.593% |
| 233 | 15.088 | 15.073 | 15.102 | VV | 5978   | 99529   | 4.20%  | 0.089% |
| 234 | 15.120 | 15.102 | 15.138 | VV | 6042   | 123471  | 5.22%  | 0.110% |
| 235 | 15.156 | 15.138 | 15.172 | VV | 6638   | 121217  | 5.12%  | 0.108% |
| 236 | 15.202 | 15.172 | 15.243 | VV | 6272   | 252063  | 10.65% | 0.224% |
| 237 | 15.265 | 15.243 | 15.315 | VV | 7449   | 248494  | 10.50% | 0.221% |
| 238 | 15.335 | 15.315 | 15.355 | VV | 5877   | 122455  | 5.17%  | 0.109% |
| 239 | 15.360 | 15.355 | 15.375 | VV | 4939   | 56128   | 2.37%  | 0.050% |
| 240 | 15.380 | 15.375 | 15.395 | VV | 4653   | 55233   | 2.33%  | 0.049% |
| 241 | 15.405 | 15.395 | 15.430 | VV | 4900   | 91465   | 3.86%  | 0.081% |
| 242 | 15.445 | 15.430 | 15.465 | VV | 5956   | 109254  | 4.62%  | 0.097% |
| 243 | 15.482 | 15.465 | 15.544 | VV | 4912   | 183500  | 7.75%  | 0.163% |
| 244 | 15.552 | 15.544 | 15.568 | VV | 3345   | 43507   | 1.84%  | 0.039% |
| 245 | 15.589 | 15.568 | 15.598 | VV | 3204   | 53617   | 2.26%  | 0.048% |
| 246 | 15.608 | 15.598 | 15.617 | VV | 3369   | 35953   | 1.52%  | 0.032% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 15.627 | 15.617 | 15.645 | VV | 3795   | 53971  | 2.28% | 0.048% |
| 248 | 15.678 | 15.645 | 15.695 | VV | 3457   | 94730  | 4.00% | 0.084% |
| 249 | 15.700 | 15.695 | 15.718 | VV | 3293   | 39701  | 1.68% | 0.035% |
| 250 | 15.741 | 15.718 | 15.786 | VV | 3512   | 116408 | 4.92% | 0.104% |
| 251 | 15.816 | 15.786 | 15.878 | VV | 2979   | 127554 | 5.39% | 0.114% |
| 252 | 15.930 | 15.878 | 16.018 | VV | 4611   | 190081 | 8.03% | 0.169% |
| 253 | 16.027 | 16.018 | 16.045 | VV | 1499   | 19601  | 0.83% | 0.017% |
| 254 | 16.094 | 16.045 | 16.128 | VV | 2161   | 72755  | 3.07% | 0.065% |
| 255 | 16.151 | 16.128 | 16.198 | VV | 1934   | 60122  | 2.54% | 0.054% |
| 256 | 16.204 | 16.198 | 16.224 | VV | 1329   | 17430  | 0.74% | 0.016% |
| 257 | 16.245 | 16.224 | 16.355 | VV | 1526   | 82195  | 3.47% | 0.073% |
| 258 | 16.393 | 16.355 | 16.462 | VV | 5167   | 109370 | 4.62% | 0.097% |
| 259 | 16.479 | 16.462 | 16.499 | VV | 704    | 8797   | 0.37% | 0.008% |
| 260 | 16.522 | 16.499 | 16.590 | PV | 1023   | 31283  | 1.32% | 0.028% |
| 261 | 16.608 | 16.590 | 16.635 | VV | 648    | 11337  | 0.48% | 0.010% |
| 262 | 16.661 | 16.635 | 16.685 | VV | 492    | 10519  | 0.44% | 0.009% |
| 263 | 16.703 | 16.685 | 16.732 | VV | 622    | 13363  | 0.56% | 0.012% |
| 264 | 16.744 | 16.732 | 16.798 | VV | 554    | 9292   | 0.39% | 0.008% |
| 265 | 16.840 | 16.798 | 16.898 | PV | 4533   | 74256  | 3.14% | 0.066% |
| 266 | 16.954 | 16.898 | 17.002 | PV | 861    | 22452  | 0.95% | 0.020% |
| 267 | 17.018 | 17.002 | 17.048 | VV | 389    | 5385   | 0.23% | 0.005% |
| 268 | 17.069 | 17.048 | 17.088 | PV | 395    | 6135   | 0.26% | 0.005% |
| 269 | 17.169 | 17.088 | 17.189 | VV | 514    | 14450  | 0.61% | 0.013% |
| 270 | 17.274 | 17.189 | 17.315 | PV | 5112   | 79017  | 3.34% | 0.070% |
| 271 | 17.374 | 17.315 | 17.397 | PV | 447    | 15441  | 0.65% | 0.014% |
| 272 | 17.426 | 17.397 | 17.445 | VV | 357    | 6813   | 0.29% | 0.006% |
| 273 | 17.555 | 17.445 | 17.582 | PV | 1026   | 21152  | 0.89% | 0.019% |
| 274 | 17.696 | 17.582 | 17.748 | VV | 4488   | 70050  | 2.96% | 0.062% |
| 275 | 17.965 | 17.748 | 17.985 | PV | 558    | 12361  | 0.52% | 0.011% |

Sum of corrected areas: 112340255

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