

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091719AL\  
 Data File : FD030731.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Sep 2019 19:55  
 Sample : K4666-17  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 090319.M  
 Title : GC Extractables

Signal : FID2B.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         | 3.387       | 3.371        | 3.418      | PV       | 82             | 2118         | 0.02%          | 0.001%        |
| 2         | 3.423       | 3.418        | 3.438      | VV       | 154            | 1164         | 0.01%          | 0.000%        |
| 3         | 3.451       | 3.438        | 3.465      | VV       | 159            | 1591         | 0.01%          | 0.000%        |
| 4         | 3.500       | 3.465        | 3.525      | VV       | 188            | 3365         | 0.03%          | 0.001%        |
| 5         | 3.532       | 3.525        | 3.549      | PV       | 98             | 1000         | 0.01%          | 0.000%        |
| 6         | 3.593       | 3.549        | 3.612      | VV       | 384            | 6381         | 0.05%          | 0.002%        |
| 7         | 3.620       | 3.612        | 3.643      | VV       | 147            | 1545         | 0.01%          | 0.000%        |
| 8         | 3.670       | 3.643        | 3.731      | VV       | 393            | 9320         | 0.08%          | 0.002%        |
| 9         | 3.743       | 3.731        | 3.768      | VV       | 177            | 2576         | 0.02%          | 0.001%        |
| 10        | 3.788       | 3.768        | 3.821      | VV       | 335            | 4396         | 0.04%          | 0.001%        |
| 11        | 3.883       | 3.821        | 3.939      | VV       | 847            | 24383        | 0.21%          | 0.006%        |
| 12        | 3.963       | 3.939        | 4.029      | VV       | 2721           | 45400        | 0.39%          | 0.011%        |
| 13        | 4.045       | 4.029        | 4.085      | VV       | 499            | 13161        | 0.11%          | 0.003%        |
| 14        | 4.106       | 4.085        | 4.125      | VV       | 558            | 9757         | 0.08%          | 0.002%        |
| 15        | 4.159       | 4.125        | 4.185      | VV       | 773            | 18885        | 0.16%          | 0.005%        |
| 16        | 4.193       | 4.185        | 4.228      | VV       | 400            | 7879         | 0.07%          | 0.002%        |
| 17        | 4.243       | 4.228        | 4.258      | VV       | 302            | 4349         | 0.04%          | 0.001%        |
| 18        | 4.267       | 4.258        | 4.335      | VV       | 297            | 8849         | 0.08%          | 0.002%        |
| 19        | 4.359       | 4.335        | 4.386      | VV       | 567            | 9242         | 0.08%          | 0.002%        |
| 20        | 4.402       | 4.386        | 4.418      | VV       | 295            | 4681         | 0.04%          | 0.001%        |
| 21        | 4.428       | 4.418        | 4.487      | VV       | 425            | 11400        | 0.10%          | 0.003%        |
| 22        | 4.507       | 4.487        | 4.551      | VV       | 836            | 12205        | 0.10%          | 0.003%        |
| 23        | 4.573       | 4.551        | 4.599      | VV       | 1622           | 21246        | 0.18%          | 0.005%        |
| 24        | 4.608       | 4.599        | 4.625      | VV       | 412            | 5295         | 0.05%          | 0.001%        |
| 25        | 4.639       | 4.625        | 4.684      | VV       | 411            | 8275         | 0.07%          | 0.002%        |
| 26        | 4.704       | 4.684        | 4.722      | VV       | 484            | 7468         | 0.06%          | 0.002%        |
| 27        | 4.740       | 4.722        | 4.755      | VV       | 396            | 5483         | 0.05%          | 0.001%        |
| 28        | 4.761       | 4.755        | 4.801      | VV       | 276            | 5484         | 0.05%          | 0.001%        |
| 29        | 4.812       | 4.801        | 4.838      | VV       | 168            | 3465         | 0.03%          | 0.001%        |
| 30        | 4.843       | 4.838        | 4.891      | VV       | 182            | 2984         | 0.03%          | 0.001%        |
| 31        | 4.910       | 4.891        | 4.926      | PV       | 195            | 2802         | 0.02%          | 0.001%        |
| 32        | 4.949       | 4.926        | 4.968      | VV       | 1116           | 12496        | 0.11%          | 0.003%        |
| 33        | 4.986       | 4.968        | 5.015      | VV       | 1090           | 12319        | 0.10%          | 0.003%        |
| 34        | 5.043       | 5.015        | 5.065      | VV       | 735            | 9390         | 0.08%          | 0.002%        |
| 35        | 5.071       | 5.065        | 5.083      | VV       | 213            | 2032         | 0.02%          | 0.000%        |
| 36        | 5.097       | 5.083        | 5.141      | VV       | 301            | 5813         | 0.05%          | 0.001%        |
| 37        | 5.178       | 5.141        | 5.193      | VV       | 405            | 7403         | 0.06%          | 0.002%        |
| 38        | 5.211       | 5.193        | 5.258      | VV       | 782            | 13345        | 0.11%          | 0.003%        |
| 39        | 5.277       | 5.258        | 5.325      | VV       | 299            | 5280         | 0.04%          | 0.001%        |
| 40        | 5.340       | 5.325        | 5.375      | PV       | 124            | 2066         | 0.02%          | 0.001%        |
| 41        | 5.391       | 5.375        | 5.412      | VV       | 435            | 7541         | 0.06%          | 0.002%        |
| 42        | 5.428       | 5.412        | 5.455      | VV       | 793            | 11471        | 0.10%          | 0.003%        |

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|-----|-------|-------|-------|----|-------|--------|-------|--------|
|     |       |       |       |    |       | rteres |       |        |
| 43  | 5.485 | 5.455 | 5.532 | VV | 628   | 16213  | 0.14% | 0.004% |
| 44  | 5.559 | 5.532 | 5.609 | VV | 1055  | 25473  | 0.22% | 0.006% |
| 45  | 5.622 | 5.609 | 5.631 | VV | 296   | 3606   | 0.03% | 0.001% |
| 46  | 5.666 | 5.631 | 5.674 | VV | 544   | 11445  | 0.10% | 0.003% |
| 47  | 5.689 | 5.674 | 5.806 | VV | 830   | 28516  | 0.24% | 0.007% |
| 48  | 5.813 | 5.806 | 5.820 | VV | 152   | 1233   | 0.01% | 0.000% |
| 49  | 5.836 | 5.820 | 5.868 | VV | 325   | 5243   | 0.04% | 0.001% |
| 50  | 5.892 | 5.868 | 5.908 | VV | 222   | 3876   | 0.03% | 0.001% |
| 51  | 5.937 | 5.908 | 5.971 | VV | 4941  | 57209  | 0.49% | 0.014% |
| 52  | 5.983 | 5.971 | 6.015 | VV | 583   | 10472  | 0.09% | 0.003% |
| 53  | 6.025 | 6.015 | 6.048 | VV | 316   | 4898   | 0.04% | 0.001% |
| 54  | 6.082 | 6.048 | 6.141 | VV | 641   | 16545  | 0.14% | 0.004% |
| 55  | 6.157 | 6.141 | 6.184 | VV | 249   | 4361   | 0.04% | 0.001% |
| 56  | 6.212 | 6.184 | 6.275 | VV | 672   | 16158  | 0.14% | 0.004% |
| 57  | 6.292 | 6.275 | 6.308 | VV | 243   | 4003   | 0.03% | 0.001% |
| 58  | 6.321 | 6.308 | 6.341 | VV | 274   | 3542   | 0.03% | 0.001% |
| 59  | 6.366 | 6.341 | 6.398 | VV | 490   | 9021   | 0.08% | 0.002% |
| 60  | 6.438 | 6.398 | 6.464 | VV | 268   | 6474   | 0.06% | 0.002% |
| 61  | 6.512 | 6.464 | 6.532 | VV | 394   | 8446   | 0.07% | 0.002% |
| 62  | 6.553 | 6.532 | 6.574 | VV | 212   | 4098   | 0.03% | 0.001% |
| 63  | 6.588 | 6.574 | 6.603 | VV | 112   | 1587   | 0.01% | 0.000% |
| 64  | 6.639 | 6.603 | 6.663 | VV | 263   | 4681   | 0.04% | 0.001% |
| 65  | 6.686 | 6.663 | 6.750 | PV | 352   | 11135  | 0.09% | 0.003% |
| 66  | 6.762 | 6.750 | 6.781 | VV | 459   | 5942   | 0.05% | 0.001% |
| 67  | 6.798 | 6.781 | 6.821 | VV | 281   | 4690   | 0.04% | 0.001% |
| 68  | 6.897 | 6.821 | 6.947 | VV | 752   | 34991  | 0.30% | 0.008% |
| 69  | 6.986 | 6.947 | 7.051 | VV | 4297  | 67428  | 0.57% | 0.016% |
| 70  | 7.062 | 7.051 | 7.097 | VV | 598   | 11680  | 0.10% | 0.003% |
| 71  | 7.119 | 7.097 | 7.143 | VV | 4655  | 49722  | 0.42% | 0.012% |
| 72  | 7.155 | 7.143 | 7.176 | VV | 642   | 9884   | 0.08% | 0.002% |
| 73  | 7.184 | 7.176 | 7.215 | VV | 389   | 6018   | 0.05% | 0.001% |
| 74  | 7.234 | 7.215 | 7.258 | VV | 403   | 7479   | 0.06% | 0.002% |
| 75  | 7.284 | 7.258 | 7.325 | VV | 909   | 16543  | 0.14% | 0.004% |
| 76  | 7.351 | 7.325 | 7.362 | VV | 206   | 3348   | 0.03% | 0.001% |
| 77  | 7.371 | 7.362 | 7.394 | VV | 203   | 2471   | 0.02% | 0.001% |
| 78  | 7.409 | 7.394 | 7.433 | VV | 216   | 3576   | 0.03% | 0.001% |
| 79  | 7.456 | 7.433 | 7.495 | VV | 388   | 8294   | 0.07% | 0.002% |
| 80  | 7.509 | 7.495 | 7.524 | VV | 191   | 2257   | 0.02% | 0.001% |
| 81  | 7.706 | 7.673 | 7.785 | VV | 1799  | 52167  | 0.44% | 0.013% |
| 82  | 7.801 | 7.785 | 7.828 | VV | 430   | 7056   | 0.06% | 0.002% |
| 83  | 7.863 | 7.828 | 7.941 | VV | 1245  | 39008  | 0.33% | 0.009% |
| 84  | 7.972 | 7.941 | 8.012 | VV | 2805  | 57777  | 0.49% | 0.014% |
| 85  | 8.076 | 8.012 | 8.091 | VV | 6449  | 86760  | 0.74% | 0.021% |
| 86  | 8.104 | 8.091 | 8.120 | VV | 4171  | 48787  | 0.41% | 0.012% |
| 87  | 8.131 | 8.120 | 8.178 | VV | 2365  | 48864  | 0.42% | 0.012% |
| 88  | 8.208 | 8.178 | 8.237 | VV | 19658 | 220726 | 1.88% | 0.053% |
| 89  | 8.259 | 8.237 | 8.295 | VV | 15899 | 202736 | 1.72% | 0.049% |
| 90  | 8.308 | 8.295 | 8.327 | VV | 1347  | 17832  | 0.15% | 0.004% |
| 91  | 8.347 | 8.327 | 8.383 | VV | 1667  | 23369  | 0.20% | 0.006% |
| 92  | 8.395 | 8.383 | 8.418 | VV | 384   | 4837   | 0.04% | 0.001% |
| 93  | 8.551 | 8.525 | 8.581 | VV | 22060 | 232639 | 1.98% | 0.056% |
| 94  | 8.600 | 8.581 | 8.625 | VV | 2303  | 35115  | 0.30% | 0.009% |
| 95  | 8.639 | 8.625 | 8.649 | VV | 821   | 10459  | 0.09% | 0.003% |
| 96  | 8.670 | 8.649 | 8.704 | VV | 1573  | 32098  | 0.27% | 0.008% |
| 97  | 8.737 | 8.704 | 8.752 | VV | 598   | 12645  | 0.11% | 0.003% |
| 98  | 8.790 | 8.752 | 8.805 | VV | 3411  | 46292  | 0.39% | 0.011% |
| 99  | 8.824 | 8.805 | 8.849 | VV | 11641 | 129229 | 1.10% | 0.031% |
| 100 | 8.865 | 8.849 | 8.875 | VV | 1655  | 20372  | 0.17% | 0.005% |

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| 101 | 8.882  | 8.875  | 8.905  | VV | 1445   | 21438   | 0.18%  | 0.005% |
| 102 | 8.911  | 8.905  | 8.930  | VV | 1157   | 12405   | 0.11%  | 0.003% |
| 103 | 8.962  | 8.930  | 8.983  | VV | 4074   | 55228   | 0.47%  | 0.013% |
| 104 | 9.000  | 8.983  | 9.038  | VV | 3691   | 47152   | 0.40%  | 0.011% |
| 105 | 9.057  | 9.038  | 9.085  | VV | 789    | 11178   | 0.10%  | 0.003% |
| 106 | 9.114  | 9.085  | 9.130  | PV | 3740   | 41436   | 0.35%  | 0.010% |
| 107 | 9.146  | 9.130  | 9.178  | VV | 3148   | 38998   | 0.33%  | 0.009% |
| 108 | 9.198  | 9.178  | 9.215  | VV | 1835   | 21694   | 0.18%  | 0.005% |
| 109 | 9.249  | 9.215  | 9.273  | VV | 3152   | 48709   | 0.41%  | 0.012% |
| 110 | 9.291  | 9.273  | 9.306  | VV | 1592   | 19533   | 0.17%  | 0.005% |
| 111 | 9.331  | 9.306  | 9.387  | VV | 30964  | 361931  | 3.08%  | 0.088% |
| 112 | 9.409  | 9.387  | 9.438  | VV | 3818   | 62012   | 0.53%  | 0.015% |
| 113 | 9.452  | 9.438  | 9.460  | VV | 2599   | 28081   | 0.24%  | 0.007% |
| 114 | 9.479  | 9.460  | 9.499  | VV | 6814   | 93657   | 0.80%  | 0.023% |
| 115 | 9.509  | 9.499  | 9.522  | VV | 2389   | 26551   | 0.23%  | 0.006% |
| 116 | 9.540  | 9.522  | 9.573  | VV | 3824   | 57019   | 0.48%  | 0.014% |
| 117 | 9.592  | 9.573  | 9.626  | VV | 2128   | 36613   | 0.31%  | 0.009% |
| 118 | 9.652  | 9.626  | 9.688  | VV | 7217   | 106312  | 0.90%  | 0.026% |
| 119 | 9.700  | 9.688  | 9.718  | VV | 1807   | 22835   | 0.19%  | 0.006% |
| 120 | 9.749  | 9.718  | 9.795  | VV | 9238   | 172603  | 1.47%  | 0.042% |
| 121 | 9.812  | 9.795  | 9.829  | VV | 1850   | 23613   | 0.20%  | 0.006% |
| 122 | 9.844  | 9.829  | 9.878  | VV | 1284   | 17794   | 0.15%  | 0.004% |
| 123 | 9.911  | 9.878  | 9.963  | PV | 1397   | 25094   | 0.21%  | 0.006% |
| 124 | 10.012 | 9.963  | 10.028 | PV | 616    | 8542    | 0.07%  | 0.002% |
| 125 | 10.071 | 10.028 | 10.105 | VV | 2051   | 40650   | 0.35%  | 0.010% |
| 126 | 10.125 | 10.105 | 10.150 | VV | 2629   | 41564   | 0.35%  | 0.010% |
| 127 | 10.178 | 10.150 | 10.187 | VV | 3213   | 42996   | 0.37%  | 0.010% |
| 128 | 10.208 | 10.187 | 10.229 | VV | 9914   | 131186  | 1.12%  | 0.032% |
| 129 | 10.247 | 10.229 | 10.291 | VV | 5949   | 90362   | 0.77%  | 0.022% |
| 130 | 10.324 | 10.291 | 10.358 | VV | 6995   | 118935  | 1.01%  | 0.029% |
| 131 | 10.379 | 10.358 | 10.437 | VV | 6225   | 130929  | 1.11%  | 0.032% |
| 132 | 10.492 | 10.437 | 10.506 | VV | 5843   | 146264  | 1.24%  | 0.035% |
| 133 | 10.529 | 10.506 | 10.567 | VV | 13375  | 236582  | 2.01%  | 0.057% |
| 134 | 10.599 | 10.567 | 10.608 | VV | 2220   | 41871   | 0.36%  | 0.010% |
| 135 | 10.624 | 10.608 | 10.642 | VV | 3873   | 47725   | 0.41%  | 0.012% |
| 136 | 10.656 | 10.642 | 10.674 | VV | 1319   | 21267   | 0.18%  | 0.005% |
| 137 | 10.856 | 10.838 | 10.918 | VV | 1855   | 66224   | 0.56%  | 0.016% |
| 138 | 10.935 | 10.918 | 10.956 | VV | 1055   | 15647   | 0.13%  | 0.004% |
| 139 | 10.976 | 10.956 | 10.993 | VV | 1263   | 13625   | 0.12%  | 0.003% |
| 140 | 11.016 | 10.993 | 11.053 | VV | 9489   | 134854  | 1.15%  | 0.033% |
| 141 | 11.085 | 11.053 | 11.094 | VV | 1708   | 30503   | 0.26%  | 0.007% |
| 142 | 11.119 | 11.094 | 11.138 | VV | 3011   | 57859   | 0.49%  | 0.014% |
| 143 | 11.171 | 11.138 | 11.190 | VV | 5207   | 89060   | 0.76%  | 0.022% |
| 144 | 11.216 | 11.190 | 11.225 | VV | 2880   | 44710   | 0.38%  | 0.011% |
| 145 | 11.255 | 11.225 | 11.288 | VV | 11090  | 209396  | 1.78%  | 0.051% |
| 146 | 11.320 | 11.288 | 11.342 | VV | 4551   | 69055   | 0.59%  | 0.017% |
| 147 | 11.373 | 11.342 | 11.393 | VV | 6403   | 87548   | 0.74%  | 0.021% |
| 148 | 11.414 | 11.393 | 11.435 | VV | 3191   | 42734   | 0.36%  | 0.010% |
| 149 | 11.489 | 11.435 | 11.510 | VV | 463458 | 4827760 | 41.06% | 1.169% |
| 150 | 11.523 | 11.510 | 11.538 | VV | 31017  | 326550  | 2.78%  | 0.079% |
| 151 | 11.553 | 11.538 | 11.591 | VV | 40419  | 447250  | 3.80%  | 0.108% |
| 152 | 11.637 | 11.591 | 11.655 | VV | 49985  | 734978  | 6.25%  | 0.178% |
| 153 | 11.670 | 11.655 | 11.684 | VV | 21484  | 234797  | 2.00%  | 0.057% |
| 154 | 11.701 | 11.684 | 11.738 | VV | 28872  | 346664  | 2.95%  | 0.084% |
| 155 | 11.781 | 11.738 | 11.797 | VV | 2032   | 40752   | 0.35%  | 0.010% |
| 156 | 11.837 | 11.797 | 11.865 | VV | 5517   | 112223  | 0.95%  | 0.027% |
| 157 | 11.882 | 11.865 | 11.965 | VV | 12325  | 232962  | 1.98%  | 0.056% |
| 158 | 11.989 | 11.965 | 12.011 | VV | 21013  | 231526  | 1.97%  | 0.056% |
| 159 | 12.021 | 12.011 | 12.034 | VV | 3013   | 33745   | 0.29%  | 0.008% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 160 | 12.051 | 12.034 | 12.076 | VV | 3945   | 61639   | 0.52%  | 0.015% |
| 161 | 12.089 | 12.076 | 12.111 | VV | 1725   | 26282   | 0.22%  | 0.006% |
| 162 | 12.135 | 12.111 | 12.153 | VV | 3857   | 54270   | 0.46%  | 0.013% |
| 163 | 12.169 | 12.153 | 12.182 | VV | 2234   | 26725   | 0.23%  | 0.006% |
| 164 | 12.196 | 12.182 | 12.208 | VV | 2552   | 30744   | 0.26%  | 0.007% |
| 165 | 12.239 | 12.208 | 12.250 | VV | 4327   | 77825   | 0.66%  | 0.019% |
| 166 | 12.261 | 12.250 | 12.288 | VV | 4729   | 67987   | 0.58%  | 0.016% |
| 167 | 12.308 | 12.288 | 12.347 | VV | 10053  | 178076  | 1.51%  | 0.043% |
| 168 | 12.371 | 12.347 | 12.397 | PV | 14762  | 214011  | 1.82%  | 0.052% |
| 169 | 12.417 | 12.397 | 12.437 | VV | 26192  | 325562  | 2.77%  | 0.079% |
| 170 | 12.455 | 12.437 | 12.464 | VV | 11034  | 145953  | 1.24%  | 0.035% |
| 171 | 12.477 | 12.464 | 12.500 | VV | 12409  | 196273  | 1.67%  | 0.048% |
| 172 | 12.538 | 12.500 | 12.574 | VV | 383961 | 4274523 | 36.35% | 1.035% |
| 173 | 12.595 | 12.574 | 12.612 | VV | 2664   | 38638   | 0.33%  | 0.009% |
| 174 | 12.628 | 12.612 | 12.642 | VV | 2048   | 26303   | 0.22%  | 0.006% |
| 175 | 12.667 | 12.642 | 12.678 | VV | 7706   | 98938   | 0.84%  | 0.024% |
| 176 | 12.689 | 12.678 | 12.702 | VV | 8572   | 98123   | 0.83%  | 0.024% |
| 177 | 12.717 | 12.702 | 12.732 | VV | 14177  | 168959  | 1.44%  | 0.041% |
| 178 | 12.745 | 12.732 | 12.801 | VV | 9643   | 225262  | 1.92%  | 0.055% |
| 179 | 12.833 | 12.801 | 12.861 | VV | 317103 | 3555389 | 30.23% | 0.861% |
| 180 | 12.917 | 12.861 | 12.946 | VV | 363996 | 4534255 | 38.56% | 1.098% |
| 181 | 12.958 | 12.946 | 12.978 | VV | 4799   | 69115   | 0.59%  | 0.017% |
| 182 | 13.000 | 12.978 | 13.055 | VV | 12471  | 218804  | 1.86%  | 0.053% |
| 183 | 13.094 | 13.055 | 13.141 | PV | 20382  | 353577  | 3.01%  | 0.086% |
| 184 | 13.160 | 13.141 | 13.198 | VV | 7564   | 139406  | 1.19%  | 0.034% |
| 185 | 13.224 | 13.198 | 13.262 | PV | 12649  | 226635  | 1.93%  | 0.055% |
| 186 | 13.286 | 13.262 | 13.313 | VV | 25588  | 386917  | 3.29%  | 0.094% |
| 187 | 13.321 | 13.313 | 13.358 | VV | 2977   | 55237   | 0.47%  | 0.013% |
| 188 | 13.415 | 13.358 | 13.448 | VV | 66550  | 1014749 | 8.63%  | 0.246% |
| 189 | 13.481 | 13.448 | 13.497 | VV | 6603   | 107737  | 0.92%  | 0.026% |
| 190 | 13.522 | 13.497 | 13.543 | VV | 43039  | 547266  | 4.65%  | 0.133% |
| 191 | 13.562 | 13.543 | 13.585 | VV | 34344  | 409503  | 3.48%  | 0.099% |
| 192 | 13.601 | 13.585 | 13.624 | VV | 8040   | 131284  | 1.12%  | 0.032% |
| 193 | 13.689 | 13.624 | 13.711 | VV | 31343  | 685515  | 5.83%  | 0.166% |
| 194 | 13.731 | 13.711 | 13.771 | VV | 27192  | 348877  | 2.97%  | 0.084% |
| 195 | 13.807 | 13.771 | 13.826 | VV | 6279   | 113414  | 0.96%  | 0.027% |
| 196 | 13.844 | 13.826 | 13.863 | VV | 3430   | 59141   | 0.50%  | 0.014% |
| 197 | 13.890 | 13.863 | 13.906 | VV | 3296   | 61596   | 0.52%  | 0.015% |
| 198 | 13.917 | 13.906 | 13.927 | VV | 2125   | 23932   | 0.20%  | 0.006% |
| 199 | 13.940 | 13.927 | 13.956 | VV | 2173   | 23246   | 0.20%  | 0.006% |
| 200 | 13.972 | 13.956 | 13.980 | PV | 1226   | 10423   | 0.09%  | 0.003% |
| 201 | 13.996 | 13.980 | 14.033 | VV | 2454   | 48152   | 0.41%  | 0.012% |
| 202 | 14.050 | 14.033 | 14.060 | VV | 1615   | 19726   | 0.17%  | 0.005% |
| 203 | 14.112 | 14.060 | 14.130 | VV | 12669  | 303568  | 2.58%  | 0.074% |
| 204 | 14.147 | 14.130 | 14.184 | VV | 20298  | 312507  | 2.66%  | 0.076% |
| 205 | 14.222 | 14.184 | 14.233 | VV | 9267   | 159715  | 1.36%  | 0.039% |
| 206 | 14.247 | 14.233 | 14.270 | VV | 10344  | 160991  | 1.37%  | 0.039% |
| 207 | 14.281 | 14.270 | 14.296 | VV | 4377   | 55847   | 0.47%  | 0.014% |
| 208 | 14.322 | 14.296 | 14.342 | VV | 26128  | 372901  | 3.17%  | 0.090% |
| 209 | 14.351 | 14.342 | 14.362 | VV | 8309   | 83107   | 0.71%  | 0.020% |
| 210 | 14.386 | 14.362 | 14.408 | VV | 52326  | 686992  | 5.84%  | 0.166% |
| 211 | 14.449 | 14.408 | 14.487 | VV | 22777  | 464911  | 3.95%  | 0.113% |
| 212 | 14.511 | 14.487 | 14.528 | VV | 8444   | 120297  | 1.02%  | 0.029% |
| 213 | 14.569 | 14.528 | 14.610 | VV | 11349  | 267427  | 2.27%  | 0.065% |
| 214 | 14.651 | 14.610 | 14.664 | PV | 5850   | 76659   | 0.65%  | 0.019% |
| 215 | 14.786 | 14.770 | 14.814 | VV | 4903   | 85331   | 0.73%  | 0.021% |
| 216 | 14.857 | 14.814 | 14.913 | VV | 51744  | 876674  | 7.46%  | 0.212% |
| 217 | 14.938 | 14.913 | 14.968 | VV | 10399  | 185745  | 1.58%  | 0.045% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    |        | rteres  |        |        |
| 218 | 15.001 | 14.968 | 15.020 | VV | 14914  | 230558  | 1.96%  | 0.056% |
| 219 | 15.036 | 15.020 | 15.098 | VV | 14311  | 392799  | 3.34%  | 0.095% |
| 220 | 15.160 | 15.098 | 15.219 | VV | 24221  | 886728  | 7.54%  | 0.215% |
| 221 | 15.276 | 15.219 | 15.301 | VV | 11150  | 343466  | 2.92%  | 0.083% |
| 222 | 15.365 | 15.301 | 15.386 | VV | 51373  | 970588  | 8.25%  | 0.235% |
| 223 | 15.404 | 15.386 | 15.433 | VV | 24651  | 423506  | 3.60%  | 0.103% |
| 224 | 15.449 | 15.433 | 15.467 | VV | 17227  | 255692  | 2.17%  | 0.062% |
| 225 | 15.524 | 15.467 | 15.559 | VV | 35760  | 1098471 | 9.34%  | 0.266% |
| 226 | 15.600 | 15.559 | 15.625 | VV | 19296  | 459403  | 3.91%  | 0.111% |
| 227 | 15.647 | 15.625 | 15.661 | VV | 9818   | 189896  | 1.61%  | 0.046% |
| 228 | 15.686 | 15.661 | 15.707 | VV | 18305  | 343349  | 2.92%  | 0.083% |
| 229 | 15.731 | 15.707 | 15.747 | VV | 14228  | 287945  | 2.45%  | 0.070% |
| 230 | 15.789 | 15.747 | 15.821 | VV | 17924  | 660657  | 5.62%  | 0.160% |
| 231 | 15.839 | 15.821 | 15.847 | VV | 12308  | 179092  | 1.52%  | 0.043% |
| 232 | 15.865 | 15.847 | 15.881 | VV | 12607  | 241289  | 2.05%  | 0.058% |
| 233 | 15.896 | 15.881 | 15.910 | VV | 12468  | 198415  | 1.69%  | 0.048% |
| 234 | 15.961 | 15.910 | 16.018 | VV | 20629  | 1017731 | 8.65%  | 0.246% |
| 235 | 16.038 | 16.018 | 16.050 | VV | 23452  | 382757  | 3.25%  | 0.093% |
| 236 | 16.066 | 16.050 | 16.087 | VV | 23272  | 464926  | 3.95%  | 0.113% |
| 237 | 16.109 | 16.087 | 16.118 | VV | 20364  | 359449  | 3.06%  | 0.087% |
| 238 | 16.185 | 16.118 | 16.208 | VV | 29526  | 1339637 | 11.39% | 0.324% |
| 239 | 16.254 | 16.208 | 16.310 | VV | 233078 | 5082464 | 43.22% | 1.231% |
| 240 | 16.330 | 16.310 | 16.344 | VV | 27854  | 545475  | 4.64%  | 0.132% |
| 241 | 16.379 | 16.344 | 16.400 | VV | 70641  | 1408917 | 11.98% | 0.341% |
| 242 | 16.414 | 16.400 | 16.448 | VV | 33425  | 887218  | 7.54%  | 0.215% |
| 243 | 16.463 | 16.448 | 16.479 | VV | 29196  | 532990  | 4.53%  | 0.129% |
| 244 | 16.571 | 16.479 | 16.597 | VV | 149073 | 4085859 | 34.75% | 0.989% |
| 245 | 16.630 | 16.597 | 16.664 | VV | 202467 | 3330149 | 28.32% | 0.806% |
| 246 | 16.728 | 16.664 | 16.756 | VV | 91122  | 2746767 | 23.36% | 0.665% |
| 247 | 16.787 | 16.756 | 16.818 | VV | 52077  | 1682402 | 14.31% | 0.407% |
| 248 | 16.831 | 16.818 | 16.844 | VV | 44393  | 669833  | 5.70%  | 0.162% |
| 249 | 16.879 | 16.844 | 16.910 | VV | 50716  | 1868085 | 15.89% | 0.452% |
| 250 | 16.931 | 16.910 | 16.946 | VV | 48161  | 1002577 | 8.53%  | 0.243% |
| 251 | 16.988 | 16.946 | 17.017 | VV | 66899  | 2455659 | 20.88% | 0.595% |
| 252 | 17.029 | 17.017 | 17.061 | VV | 63379  | 1438113 | 12.23% | 0.348% |
| 253 | 17.125 | 17.061 | 17.142 | VV | 74533  | 2864374 | 24.36% | 0.694% |
| 254 | 17.154 | 17.142 | 17.184 | VV | 67259  | 1564287 | 13.30% | 0.379% |
| 255 | 17.206 | 17.184 | 17.222 | VV | 62346  | 1331716 | 11.32% | 0.322% |
| 256 | 17.236 | 17.222 | 17.258 | VV | 63543  | 1250473 | 10.63% | 0.303% |
| 257 | 17.280 | 17.258 | 17.308 | VV | 78391  | 1968597 | 16.74% | 0.477% |
| 258 | 17.336 | 17.308 | 17.364 | VV | 63040  | 1986996 | 16.90% | 0.481% |
| 259 | 17.416 | 17.364 | 17.440 | VV | 58943  | 2592388 | 22.05% | 0.628% |
| 260 | 17.463 | 17.440 | 17.481 | VV | 59832  | 1451071 | 12.34% | 0.351% |
| 261 | 17.504 | 17.481 | 17.521 | VV | 65190  | 1499518 | 12.75% | 0.363% |
| 262 | 17.600 | 17.521 | 17.628 | VV | 84788  | 4529060 | 38.51% | 1.097% |
| 263 | 17.647 | 17.628 | 17.667 | VV | 73480  | 1630656 | 13.87% | 0.395% |
| 264 | 17.687 | 17.667 | 17.702 | VV | 75786  | 1481285 | 12.60% | 0.359% |
| 265 | 17.743 | 17.702 | 17.759 | VV | 88223  | 2768099 | 23.54% | 0.670% |
| 266 | 17.771 | 17.759 | 17.820 | VV | 83823  | 2830474 | 24.07% | 0.685% |
| 267 | 17.847 | 17.820 | 17.871 | VV | 74515  | 2116254 | 18.00% | 0.512% |
| 268 | 17.901 | 17.871 | 17.961 | VV | 99888  | 4419064 | 37.58% | 1.070% |
| 269 | 17.995 | 17.961 | 18.056 | VV | 181339 | 6185733 | 52.60% | 1.498% |
| 270 | 18.075 | 18.056 | 18.092 | VV | 93440  | 1902458 | 16.18% | 0.461% |
| 271 | 18.123 | 18.092 | 18.142 | VV | 113739 | 2953918 | 25.12% | 0.715% |
| 272 | 18.158 | 18.142 | 18.215 | VV | 99927  | 3842782 | 32.68% | 0.931% |
| 273 | 18.250 | 18.215 | 18.291 | VV | 174844 | 4911026 | 41.76% | 1.189% |
| 274 | 18.328 | 18.291 | 18.348 | VV | 92292  | 3014054 | 25.63% | 0.730% |
| 275 | 18.380 | 18.348 | 18.401 | VV | 119043 | 3189451 | 27.12% | 0.772% |

|     |        |        |        |     |                         |           |         |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|---------|--------|
|     |        |        |        |     |                         | rteres    |         |        |
| 276 | 18.421 | 18.401 | 18.460 | VV  | 103481                  | 3329561   | 28.31%  | 0.806% |
| 277 | 18.487 | 18.460 | 18.498 | VV  | 94701                   | 2089442   | 17.77%  | 0.506% |
| 278 | 18.527 | 18.498 | 18.546 | VV  | 110954                  | 2895634   | 24.62%  | 0.701% |
| 279 | 18.578 | 18.546 | 18.638 | VV  | 108949                  | 5424290   | 46.13%  | 1.314% |
| 280 | 18.676 | 18.638 | 18.696 | VV  | 106262                  | 3442760   | 29.28%  | 0.834% |
| 281 | 18.706 | 18.696 | 18.732 | VV  | 104060                  | 2162551   | 18.39%  | 0.524% |
| 282 | 18.759 | 18.732 | 18.786 | VV  | 107310                  | 3268380   | 27.79%  | 0.791% |
| 283 | 18.817 | 18.786 | 18.840 | VV  | 119670                  | 3617520   | 30.76%  | 0.876% |
| 284 | 18.855 | 18.840 | 18.878 | VV  | 114146                  | 2437929   | 20.73%  | 0.590% |
| 285 | 18.923 | 18.878 | 18.947 | VV  | 119546                  | 4531524   | 38.54%  | 1.097% |
| 286 | 18.960 | 18.947 | 18.978 | VV  | 109238                  | 2007156   | 17.07%  | 0.486% |
| 287 | 19.026 | 18.978 | 19.036 | VV  | 113088                  | 3781058   | 32.15%  | 0.916% |
| 288 | 19.094 | 19.036 | 19.114 | VV  | 116582                  | 5240809   | 44.57%  | 1.269% |
| 289 | 19.128 | 19.114 | 19.161 | VV  | 115233                  | 3277954   | 27.88%  | 0.794% |
| 290 | 19.203 | 19.161 | 19.217 | VV  | 126062                  | 3968563   | 33.75%  | 0.961% |
| 291 | 19.235 | 19.217 | 19.285 | VV  | 129046                  | 5046096   | 42.91%  | 1.222% |
| 292 | 19.325 | 19.285 | 19.361 | VV  | 131835                  | 5764617   | 49.02%  | 1.396% |
| 293 | 19.400 | 19.361 | 19.425 | VV  | 159575                  | 5340144   | 45.41%  | 1.293% |
| 294 | 19.468 | 19.425 | 19.503 | VV  | 166784                  | 6803411   | 57.86%  | 1.647% |
| 295 | 19.559 | 19.503 | 19.604 | VV  | 153960                  | 8781214   | 74.68%  | 2.126% |
| 296 | 19.620 | 19.604 | 19.662 | VV  | 148750                  | 5038608   | 42.85%  | 1.220% |
| 297 | 19.682 | 19.662 | 19.708 | VV  | 149111                  | 4020511   | 34.19%  | 0.974% |
| 298 | 19.776 | 19.708 | 19.808 | VV  | 188590                  | 9518343   | 80.94%  | 2.305% |
| 299 | 19.846 | 19.808 | 19.867 | VV  | 172606                  | 5679368   | 48.30%  | 1.375% |
| 300 | 19.882 | 19.867 | 19.899 | VV  | 163300                  | 3102840   | 26.39%  | 0.751% |
| 301 | 19.937 | 19.899 | 19.970 | VV  | 167019                  | 6940097   | 59.02%  | 1.681% |
| 302 | 19.982 | 19.970 | 19.991 | VV  | 166097                  | 2104027   | 17.89%  | 0.510% |
| 303 | 20.007 | 19.991 | 20.091 | VV  | 171315                  | 9998148   | 85.02%  | 2.421% |
| 304 | 20.153 | 20.091 | 20.180 | VV  | 173763                  | 8933968   | 75.97%  | 2.163% |
| 305 | 20.196 | 20.180 | 20.205 | VV  | 173930                  | 2570341   | 21.86%  | 0.622% |
| 306 | 20.268 | 20.205 | 20.278 | VV  | 182090                  | 7776687   | 66.13%  | 1.883% |
| 307 | 20.299 | 20.278 | 20.315 | VV  | 183881                  | 4035909   | 34.32%  | 0.977% |
| 308 | 20.339 | 20.315 | 20.348 | VV  | 188252                  | 3672045   | 31.23%  | 0.889% |
| 309 | 20.356 | 20.348 | 20.373 | VV  | 188222                  | 2782949   | 23.67%  | 0.674% |
| 310 | 20.401 | 20.373 | 20.460 | VV  | 190854                  | 9559732   | 81.30%  | 2.315% |
| 311 | 20.472 | 20.460 | 20.495 | VV  | 176118                  | 3581950   | 30.46%  | 0.867% |
| 312 | 20.510 | 20.495 | 20.527 | VV  | 174810                  | 3335270   | 28.36%  | 0.808% |
| 313 | 20.565 | 20.527 | 20.605 | VV  | 178908                  | 8263602   | 70.27%  | 2.001% |
| 314 | 20.619 | 20.605 | 20.695 | VV  | 179687                  | 9378399   | 79.75%  | 2.271% |
| 315 | 20.709 | 20.695 | 20.718 | VV  | 166109                  | 2285626   | 19.44%  | 0.553% |
| 316 | 20.738 | 20.718 | 20.757 | VV  | 167082                  | 3819168   | 32.48%  | 0.925% |
| 317 | 20.785 | 20.757 | 20.808 | VV  | 169728                  | 5152305   | 43.82%  | 1.248% |
| 318 | 20.820 | 20.808 | 20.840 | VV  | 167937                  | 3158032   | 26.86%  | 0.765% |
| 319 | 20.860 | 20.840 | 20.914 | VV  | 163632                  | 7076860   | 60.18%  | 1.714% |
| 320 | 20.949 | 20.914 | 21.027 | VV  | 157678                  | 10347382  | 87.99%  | 2.506% |
| 321 | 21.042 | 21.027 | 21.077 | VV  | 151449                  | 4455077   | 37.89%  | 1.079% |
| 322 | 21.131 | 21.077 | 21.211 | VV  | 153369                  | 11759223  | 100.00% | 2.848% |
| 323 | 21.236 | 21.211 | 21.263 | VV  | 141952                  | 4274648   | 36.35%  | 1.035% |
| 324 | 21.282 | 21.263 | 21.398 | VV  | 138269                  | 10903641  | 92.72%  | 2.640% |
| 325 | 21.420 | 21.398 | 21.465 | VV  | 134788                  | 5154732   | 43.84%  | 1.248% |
| 326 | 21.490 | 21.465 | 21.518 | VV  | 131868                  | 4079400   | 34.69%  | 0.988% |
| 327 | 21.534 | 21.518 | 21.571 | VV  | 129800                  | 4083135   | 34.72%  | 0.989% |
| 328 | 21.582 | 21.571 | 21.609 | VV  | 127199                  | 2806857   | 23.87%  | 0.680% |
| 329 | 21.620 | 21.609 | 21.641 | VBA | 123376                  | 2599501   | 22.11%  | 0.629% |
|     |        |        |        |     | Sum of corrected areas: | 412956055 |         |        |