

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092719AL\  
 Data File : FC043695.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Sep 2019 3:00  
 Sample : K5067-04DL 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 092519.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         | 3.429       | 3.402        | 3.441      | BV       | 453            | 4150         | 0.14%          | 0.010%        |
| 2         | 3.456       | 3.441        | 3.513      | VV       | 1442           | 17026        | 0.59%          | 0.043%        |
| 3         | 3.532       | 3.513        | 3.545      | PV       | 183            | 1921         | 0.07%          | 0.005%        |
| 4         | 3.584       | 3.545        | 3.598      | VV       | 813            | 15616        | 0.54%          | 0.039%        |
| 5         | 3.627       | 3.598        | 3.662      | VV       | 922            | 20105        | 0.70%          | 0.051%        |
| 6         | 3.674       | 3.662        | 3.682      | VV       | 427            | 3665         | 0.13%          | 0.009%        |
| 7         | 3.706       | 3.682        | 3.735      | VV       | 1613           | 21774        | 0.76%          | 0.055%        |
| 8         | 3.758       | 3.735        | 3.772      | VV       | 1045           | 13710        | 0.48%          | 0.035%        |
| 9         | 3.817       | 3.772        | 3.845      | VV       | 1210           | 37257        | 1.30%          | 0.094%        |
| 10        | 3.871       | 3.845        | 3.885      | VV       | 2386           | 29077        | 1.01%          | 0.073%        |
| 11        | 3.895       | 3.885        | 3.910      | VV       | 959            | 9251         | 0.32%          | 0.023%        |
| 12        | 3.924       | 3.910        | 3.952      | VV       | 963            | 12433        | 0.43%          | 0.031%        |
| 13        | 3.971       | 3.952        | 3.989      | VV       | 2356           | 20354        | 0.71%          | 0.051%        |
| 14        | 4.017       | 3.989        | 4.035      | VV       | 1224           | 22589        | 0.79%          | 0.057%        |
| 15        | 4.042       | 4.035        | 4.065      | VV       | 896            | 9229         | 0.32%          | 0.023%        |
| 16        | 4.088       | 4.065        | 4.109      | PV       | 981            | 13832        | 0.48%          | 0.035%        |
| 17        | 4.124       | 4.109        | 4.141      | VV       | 963            | 13973        | 0.49%          | 0.035%        |
| 18        | 4.156       | 4.141        | 4.175      | VV       | 1610           | 21641        | 0.76%          | 0.055%        |
| 19        | 4.188       | 4.175        | 4.209      | VV       | 1303           | 16069        | 0.56%          | 0.040%        |
| 20        | 4.236       | 4.209        | 4.247      | VV       | 790            | 12368        | 0.43%          | 0.031%        |
| 21        | 4.265       | 4.247        | 4.279      | VV       | 1171           | 16049        | 0.56%          | 0.040%        |
| 22        | 4.296       | 4.279        | 4.320      | VV       | 1687           | 26678        | 0.93%          | 0.067%        |
| 23        | 4.334       | 4.320        | 4.369      | VV       | 1525           | 18944        | 0.66%          | 0.048%        |
| 24        | 4.404       | 4.369        | 4.422      | VV       | 1589           | 23550        | 0.82%          | 0.059%        |
| 25        | 4.464       | 4.422        | 4.492      | VV       | 1105           | 36823        | 1.29%          | 0.093%        |
| 26        | 4.502       | 4.492        | 4.519      | VV       | 881            | 12706        | 0.44%          | 0.032%        |
| 27        | 4.528       | 4.519        | 4.542      | VV       | 927            | 9622         | 0.34%          | 0.024%        |
| 28        | 4.556       | 4.542        | 4.614      | VV       | 1614           | 33301        | 1.16%          | 0.084%        |
| 29        | 4.639       | 4.614        | 4.667      | VV       | 1653           | 32294        | 1.13%          | 0.081%        |
| 30        | 4.684       | 4.667        | 4.699      | VV       | 3382           | 41093        | 1.43%          | 0.104%        |
| 31        | 4.708       | 4.699        | 4.720      | VV       | 1822           | 19680        | 0.69%          | 0.050%        |
| 32        | 4.735       | 4.720        | 4.750      | VV       | 3182           | 35416        | 1.24%          | 0.089%        |
| 33        | 4.766       | 4.750        | 4.777      | VV       | 1706           | 22717        | 0.79%          | 0.057%        |
| 34        | 4.786       | 4.777        | 4.800      | VV       | 1735           | 19430        | 0.68%          | 0.049%        |
| 35        | 4.812       | 4.800        | 4.839      | VV       | 1876           | 28428        | 0.99%          | 0.072%        |
| 36        | 4.854       | 4.839        | 4.873      | VV       | 2270           | 33072        | 1.15%          | 0.083%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.891 | 4.873 | 4.914 | VV | 3861   | 50488  | 1.76% | 0.127% |
| 38 | 4.926 | 4.914 | 4.937 | VV | 1152   | 13574  | 0.47% | 0.034% |
| 39 | 4.958 | 4.937 | 4.980 | VV | 3142   | 43959  | 1.53% | 0.111% |
| 40 | 4.999 | 4.980 | 5.014 | VV | 1356   | 22383  | 0.78% | 0.056% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.026 | 5.014 | 5.035 | VV | 1187   | 13637  | 0.48% | 0.034% |
| 42 | 5.042 | 5.035 | 5.057 | VV | 1203   | 12392  | 0.43% | 0.031% |
| 43 | 5.105 | 5.057 | 5.121 | VV | 2386   | 47128  | 1.64% | 0.119% |
| 44 | 5.128 | 5.121 | 5.147 | VV | 1055   | 12486  | 0.44% | 0.031% |
| 45 | 5.168 | 5.147 | 5.182 | VV | 1870   | 24811  | 0.87% | 0.062% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.197 | 5.182 | 5.209 | VV | 2757   | 31556  | 1.10% | 0.079% |
| 47 | 5.218 | 5.209 | 5.233 | VV | 2183   | 28291  | 0.99% | 0.071% |
| 48 | 5.243 | 5.233 | 5.258 | VV | 1886   | 20171  | 0.70% | 0.051% |
| 49 | 5.281 | 5.258 | 5.295 | VV | 1500   | 26168  | 0.91% | 0.066% |
| 50 | 5.314 | 5.295 | 5.336 | VV | 1641   | 32237  | 1.12% | 0.081% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.351 | 5.336 | 5.360 | VV | 1520   | 19336  | 0.67% | 0.049% |
| 52 | 5.370 | 5.360 | 5.387 | VV | 1557   | 21788  | 0.76% | 0.055% |
| 53 | 5.404 | 5.387 | 5.420 | VV | 3483   | 43291  | 1.51% | 0.109% |
| 54 | 5.433 | 5.420 | 5.483 | VV | 2076   | 54770  | 1.91% | 0.138% |
| 55 | 5.511 | 5.483 | 5.524 | VV | 1481   | 32299  | 1.13% | 0.081% |
|    |       |       |       |    |        |        |       |        |
| 56 | 5.538 | 5.524 | 5.559 | VV | 3416   | 44799  | 1.56% | 0.113% |
| 57 | 5.573 | 5.559 | 5.612 | VV | 3342   | 58848  | 2.05% | 0.148% |
| 58 | 5.637 | 5.612 | 5.670 | VV | 1836   | 50080  | 1.75% | 0.126% |
| 59 | 5.693 | 5.670 | 5.727 | VV | 5499   | 91679  | 3.20% | 0.231% |
| 60 | 5.742 | 5.727 | 5.775 | VV | 2144   | 51744  | 1.81% | 0.130% |
|    |       |       |       |    |        |        |       |        |
| 61 | 5.787 | 5.775 | 5.795 | VV | 2045   | 22271  | 0.78% | 0.056% |
| 62 | 5.803 | 5.795 | 5.832 | VV | 1872   | 31579  | 1.10% | 0.080% |
| 63 | 5.848 | 5.832 | 5.858 | VV | 1493   | 20813  | 0.73% | 0.052% |
| 64 | 5.872 | 5.858 | 5.885 | VV | 1606   | 23426  | 0.82% | 0.059% |
| 65 | 5.909 | 5.885 | 5.939 | VV | 2483   | 55329  | 1.93% | 0.139% |
|    |       |       |       |    |        |        |       |        |
| 66 | 5.956 | 5.939 | 5.977 | VV | 1837   | 33158  | 1.16% | 0.084% |
| 67 | 6.021 | 5.977 | 6.044 | VV | 3160   | 88527  | 3.09% | 0.223% |
| 68 | 6.056 | 6.044 | 6.070 | VV | 1791   | 24562  | 0.86% | 0.062% |
| 69 | 6.099 | 6.070 | 6.111 | VV | 2504   | 48119  | 1.68% | 0.121% |
| 70 | 6.122 | 6.111 | 6.134 | VV | 2447   | 29244  | 1.02% | 0.074% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.152 | 6.134 | 6.174 | VV | 3729   | 65354  | 2.28% | 0.165% |
| 72 | 6.196 | 6.174 | 6.210 | VV | 2999   | 53408  | 1.86% | 0.135% |
| 73 | 6.240 | 6.210 | 6.272 | VV | 3276   | 97634  | 3.41% | 0.246% |
| 74 | 6.291 | 6.272 | 6.310 | VV | 3189   | 56525  | 1.97% | 0.142% |
| 75 | 6.322 | 6.310 | 6.337 | VV | 2138   | 31985  | 1.12% | 0.081% |
|    |       |       |       |    |        |        |       |        |
| 76 | 6.357 | 6.337 | 6.377 | VV | 3219   | 57009  | 1.99% | 0.144% |
| 77 | 6.405 | 6.377 | 6.424 | VV | 4174   | 85287  | 2.98% | 0.215% |
| 78 | 6.437 | 6.424 | 6.480 | VV | 3866   | 95571  | 3.34% | 0.241% |
| 79 | 6.495 | 6.480 | 6.519 | VV | 2541   | 49191  | 1.72% | 0.124% |
| 80 | 6.534 | 6.519 | 6.557 | VV | 2954   | 54650  | 1.91% | 0.138% |
|    |       |       |       |    |        |        |       |        |
| 81 | 6.573 | 6.557 | 6.600 | VV | 3321   | 72967  | 2.55% | 0.184% |
| 82 | 6.620 | 6.600 | 6.643 | VV | 4895   | 99126  | 3.46% | 0.250% |
| 83 | 6.665 | 6.643 | 6.690 | VV | 5062   | 107919 | 3.77% | 0.272% |
| 84 | 6.697 | 6.690 | 6.720 | VV | 2486   | 41837  | 1.46% | 0.105% |
| 85 | 6.742 | 6.720 | 6.768 | VV | 4008   | 82503  | 2.88% | 0.208% |
|    |       |       |       |    |        |        |       |        |
| 86 | 6.804 | 6.768 | 6.823 | VV | 4086   | 104250 | 3.64% | 0.263% |
| 87 | 6.841 | 6.823 | 6.855 | VV | 3430   | 60204  | 2.10% | 0.152% |
| 88 | 6.868 | 6.855 | 6.894 | VV | 3478   | 72026  | 2.51% | 0.181% |
| 89 | 6.937 | 6.894 | 6.952 | VV | 4319   | 117403 | 4.10% | 0.296% |

|     |       |       |       |    |        |        |        |        |
|-----|-------|-------|-------|----|--------|--------|--------|--------|
|     |       |       |       |    | rteres |        |        |        |
| 90  | 6.971 | 6.952 | 6.986 | VV | 5008   | 81268  | 2.84%  | 0.205% |
| 91  | 6.996 | 6.986 | 7.010 | VV | 4340   | 57062  | 1.99%  | 0.144% |
| 92  | 7.026 | 7.010 | 7.055 | VV | 5350   | 115522 | 4.03%  | 0.291% |
| 93  | 7.086 | 7.055 | 7.107 | VV | 4001   | 107731 | 3.76%  | 0.271% |
| 94  | 7.124 | 7.107 | 7.145 | VV | 4507   | 85943  | 3.00%  | 0.216% |
| 95  | 7.169 | 7.145 | 7.177 | VV | 5474   | 80585  | 2.81%  | 0.203% |
| 96  | 7.188 | 7.177 | 7.214 | VV | 6049   | 105576 | 3.68%  | 0.266% |
| 97  | 7.224 | 7.214 | 7.240 | VV | 4175   | 55236  | 1.93%  | 0.139% |
| 98  | 7.273 | 7.240 | 7.289 | VV | 5954   | 123233 | 4.30%  | 0.310% |
| 99  | 7.313 | 7.289 | 7.330 | VV | 4313   | 99194  | 3.46%  | 0.250% |
| 100 | 7.357 | 7.330 | 7.394 | VV | 5371   | 164471 | 5.74%  | 0.414% |
| 101 | 7.406 | 7.394 | 7.420 | VV | 4130   | 61001  | 2.13%  | 0.154% |
| 102 | 7.440 | 7.420 | 7.455 | VV | 4240   | 83296  | 2.91%  | 0.210% |
| 103 | 7.480 | 7.455 | 7.499 | VV | 4455   | 105511 | 3.68%  | 0.266% |
| 104 | 7.521 | 7.499 | 7.532 | VV | 4640   | 85357  | 2.98%  | 0.215% |
| 105 | 7.567 | 7.532 | 7.631 | VV | 5537   | 262893 | 9.17%  | 0.662% |
| 106 | 7.647 | 7.631 | 7.659 | VV | 4459   | 64058  | 2.24%  | 0.161% |
| 107 | 7.681 | 7.659 | 7.692 | VV | 8443   | 119226 | 4.16%  | 0.300% |
| 108 | 7.821 | 7.792 | 7.855 | VV | 9968   | 301484 | 10.52% | 0.759% |
| 109 | 7.865 | 7.855 | 7.887 | VV | 6976   | 120792 | 4.22%  | 0.304% |
| 110 | 7.899 | 7.887 | 7.914 | VV | 5753   | 89566  | 3.13%  | 0.226% |
| 111 | 7.955 | 7.914 | 7.975 | VV | 7096   | 221108 | 7.72%  | 0.557% |
| 112 | 7.995 | 7.975 | 8.043 | VV | 11780  | 276141 | 9.64%  | 0.696% |
| 113 | 8.066 | 8.043 | 8.085 | VV | 7378   | 157610 | 5.50%  | 0.397% |
| 114 | 8.101 | 8.085 | 8.113 | VV | 5775   | 90058  | 3.14%  | 0.227% |
| 115 | 8.134 | 8.113 | 8.169 | VV | 7144   | 198471 | 6.93%  | 0.500% |
| 116 | 8.182 | 8.169 | 8.192 | VV | 5429   | 73201  | 2.55%  | 0.184% |
| 117 | 8.202 | 8.192 | 8.215 | VV | 5428   | 73714  | 2.57%  | 0.186% |
| 118 | 8.222 | 8.215 | 8.230 | VV | 5306   | 45111  | 1.57%  | 0.114% |
| 119 | 8.250 | 8.230 | 8.280 | VV | 6104   | 168041 | 5.86%  | 0.423% |
| 120 | 8.294 | 8.280 | 8.312 | VV | 5686   | 98505  | 3.44%  | 0.248% |
| 121 | 8.334 | 8.312 | 8.376 | VV | 7190   | 224265 | 7.83%  | 0.565% |
| 122 | 8.470 | 8.450 | 8.483 | VV | 5492   | 95157  | 3.32%  | 0.240% |
| 123 | 8.500 | 8.483 | 8.564 | VV | 6386   | 254998 | 8.90%  | 0.642% |
| 124 | 8.637 | 8.623 | 8.685 | VV | 14661  | 397280 | 13.86% | 1.001% |
| 125 | 8.705 | 8.685 | 8.729 | VV | 17896  | 292102 | 10.19% | 0.736% |
| 126 | 8.744 | 8.729 | 8.755 | VV | 8074   | 117614 | 4.10%  | 0.296% |
| 127 | 8.771 | 8.755 | 8.800 | VV | 11448  | 221898 | 7.74%  | 0.559% |
| 128 | 8.816 | 8.800 | 8.840 | VV | 5920   | 126824 | 4.43%  | 0.319% |
| 129 | 8.860 | 8.840 | 8.885 | VV | 6426   | 149072 | 5.20%  | 0.376% |
| 130 | 8.901 | 8.885 | 8.914 | VV | 5496   | 88198  | 3.08%  | 0.222% |
| 131 | 8.923 | 8.914 | 8.960 | VV | 5616   | 135465 | 4.73%  | 0.341% |
| 132 | 8.989 | 8.960 | 9.020 | VV | 5544   | 164503 | 5.74%  | 0.414% |
| 133 | 9.036 | 9.020 | 9.069 | VV | 4440   | 118870 | 4.15%  | 0.299% |
| 134 | 9.079 | 9.069 | 9.097 | VV | 3998   | 65283  | 2.28%  | 0.164% |
| 135 | 9.108 | 9.097 | 9.124 | VV | 3963   | 60533  | 2.11%  | 0.152% |
| 136 | 9.145 | 9.124 | 9.179 | VV | 4395   | 120902 | 4.22%  | 0.305% |
| 137 | 9.191 | 9.179 | 9.214 | VV | 3200   | 64434  | 2.25%  | 0.162% |
| 138 | 9.226 | 9.214 | 9.254 | VV | 3503   | 72658  | 2.54%  | 0.183% |
| 139 | 9.273 | 9.254 | 9.285 | VV | 3122   | 54339  | 1.90%  | 0.137% |
| 140 | 9.294 | 9.285 | 9.330 | VV | 3143   | 79423  | 2.77%  | 0.200% |
| 141 | 9.369 | 9.330 | 9.414 | VV | 3793   | 147496 | 5.15%  | 0.372% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 9.429  | 9.414  | 9.438  | VV | 3589   | 44724   | 1.56%  | 0.113% |
| 143 | 9.453  | 9.438  | 9.489  | VV | 4420   | 92874   | 3.24%  | 0.234% |
| 144 | 9.511  | 9.489  | 9.577  | VV | 3006   | 129320  | 4.51%  | 0.326% |
| 145 | 9.592  | 9.577  | 9.640  | VV | 2414   | 73109   | 2.55%  | 0.184% |
| 146 | 9.673  | 9.640  | 9.730  | VV | 1887   | 84354   | 2.94%  | 0.212% |
| 147 | 9.744  | 9.730  | 9.765  | VV | 1554   | 30170   | 1.05%  | 0.076% |
| 148 | 9.793  | 9.765  | 9.820  | VV | 1710   | 51226   | 1.79%  | 0.129% |
| 149 | 9.838  | 9.820  | 9.877  | VV | 1591   | 48793   | 1.70%  | 0.123% |
| 150 | 9.889  | 9.877  | 9.904  | VV | 1392   | 20574   | 0.72%  | 0.052% |
| 151 | 9.913  | 9.904  | 9.928  | VV | 1242   | 17023   | 0.59%  | 0.043% |
| 152 | 9.937  | 9.928  | 9.984  | VV | 1144   | 33795   | 1.18%  | 0.085% |
| 153 | 9.999  | 9.984  | 10.030 | VV | 1022   | 26162   | 0.91%  | 0.066% |
| 154 | 10.047 | 10.030 | 10.060 | VV | 931    | 16109   | 0.56%  | 0.041% |
| 155 | 10.063 | 10.060 | 10.090 | VV | 895    | 14399   | 0.50%  | 0.036% |
| 156 | 10.106 | 10.090 | 10.131 | VV | 748    | 15504   | 0.54%  | 0.039% |
| 157 | 10.154 | 10.131 | 10.162 | VV | 681    | 11521   | 0.40%  | 0.029% |
| 158 | 10.184 | 10.162 | 10.192 | VV | 776    | 12549   | 0.44%  | 0.032% |
| 159 | 10.218 | 10.192 | 10.245 | VV | 1739   | 34432   | 1.20%  | 0.087% |
| 160 | 10.259 | 10.245 | 10.267 | VV | 624    | 7983    | 0.28%  | 0.020% |
| 161 | 10.306 | 10.267 | 10.337 | VV | 833    | 28736   | 1.00%  | 0.072% |
| 162 | 10.362 | 10.337 | 10.395 | VV | 1085   | 22332   | 0.78%  | 0.056% |
| 163 | 10.421 | 10.395 | 10.451 | VV | 697    | 18548   | 0.65%  | 0.047% |
| 164 | 10.481 | 10.451 | 10.524 | VV | 1278   | 34209   | 1.19%  | 0.086% |
| 165 | 10.564 | 10.524 | 10.597 | VV | 1066   | 31829   | 1.11%  | 0.080% |
| 166 | 10.635 | 10.597 | 10.659 | VV | 1907   | 36519   | 1.27%  | 0.092% |
| 167 | 10.678 | 10.659 | 10.708 | VV | 885    | 20421   | 0.71%  | 0.051% |
| 168 | 10.736 | 10.708 | 10.759 | VV | 607    | 13631   | 0.48%  | 0.034% |
| 169 | 10.794 | 10.759 | 10.861 | VV | 670    | 21807   | 0.76%  | 0.055% |
| 170 | 10.898 | 10.861 | 10.920 | VV | 285    | 6705    | 0.23%  | 0.017% |
| 171 | 10.952 | 10.920 | 11.020 | VV | 378    | 11269   | 0.39%  | 0.028% |
| 172 | 11.042 | 11.020 | 11.068 | VV | 259    | 3985    | 0.14%  | 0.010% |
| 173 | 11.087 | 11.068 | 11.097 | VV | 175    | 2220    | 0.08%  | 0.006% |
| 174 | 11.115 | 11.097 | 11.175 | VV | 223    | 5687    | 0.20%  | 0.014% |
| 175 | 11.196 | 11.175 | 11.220 | VV | 336    | 6526    | 0.23%  | 0.016% |
| 176 | 11.261 | 11.220 | 11.307 | VV | 670    | 16362   | 0.57%  | 0.041% |
| 177 | 11.351 | 11.307 | 11.382 | VV | 988    | 18218   | 0.64%  | 0.046% |
| 178 | 11.415 | 11.382 | 11.442 | VV | 441    | 8114    | 0.28%  | 0.020% |
| 179 | 11.454 | 11.442 | 11.470 | VV | 282    | 2745    | 0.10%  | 0.007% |
| 180 | 11.501 | 11.470 | 11.537 | PV | 458    | 9610    | 0.34%  | 0.024% |
| 181 | 11.581 | 11.537 | 11.695 | VV | 102201 | 1156193 | 40.35% | 2.912% |
| 182 | 11.720 | 11.695 | 11.752 | VV | 520    | 14693   | 0.51%  | 0.037% |
| 183 | 11.776 | 11.752 | 11.794 | VV | 511    | 9635    | 0.34%  | 0.024% |
| 184 | 11.809 | 11.794 | 11.835 | VV | 335    | 6048    | 0.21%  | 0.015% |
| 185 | 11.844 | 11.835 | 11.867 | VV | 290    | 3631    | 0.13%  | 0.009% |
| 186 | 11.899 | 11.867 | 11.905 | VV | 396    | 6570    | 0.23%  | 0.017% |
| 187 | 11.927 | 11.905 | 11.963 | VV | 663    | 13256   | 0.46%  | 0.033% |
| 188 | 12.018 | 11.963 | 12.040 | VV | 366    | 10432   | 0.36%  | 0.026% |
| 189 | 12.060 | 12.040 | 12.095 | VV | 566    | 10515   | 0.37%  | 0.026% |
| 190 | 12.112 | 12.095 | 12.134 | VV | 470    | 6178    | 0.22%  | 0.016% |
| 191 | 12.154 | 12.134 | 12.189 | VV | 763    | 14595   | 0.51%  | 0.037% |
| 192 | 12.207 | 12.189 | 12.266 | VV | 1319   | 21036   | 0.73%  | 0.053% |
| 193 | 12.319 | 12.266 | 12.362 | VV | 375    | 13239   | 0.46%  | 0.033% |
| 194 | 12.387 | 12.362 | 12.447 | VV | 1547   | 29540   | 1.03%  | 0.074% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 12.494 | 12.447 | 12.517 | VV | 890    | 15448  | 0.54%  | 0.039% |
| 196 | 12.560 | 12.517 | 12.605 | VV | 770    | 16939  | 0.59%  | 0.043% |
| 197 | 12.626 | 12.605 | 12.640 | VV | 420    | 5336   | 0.19%  | 0.013% |
| 198 | 12.680 | 12.640 | 12.744 | VV | 395    | 12815  | 0.45%  | 0.032% |
| 199 | 12.761 | 12.744 | 12.791 | VV | 145    | 2465   | 0.09%  | 0.006% |
| 200 | 12.819 | 12.791 | 12.867 | VV | 187    | 3441   | 0.12%  | 0.009% |
| 201 | 12.874 | 12.867 | 12.907 | VV | 130    | 1861   | 0.06%  | 0.005% |
| 202 | 12.912 | 12.907 | 12.930 | VV | 167    | 1184   | 0.04%  | 0.003% |
| 203 | 12.957 | 12.930 | 12.971 | PV | 945    | 13059  | 0.46%  | 0.033% |
| 204 | 13.002 | 12.971 | 13.143 | VV | 70387  | 871938 | 30.43% | 2.196% |
| 205 | 13.167 | 13.143 | 13.200 | VV | 636    | 12634  | 0.44%  | 0.032% |
| 206 | 13.211 | 13.200 | 13.259 | VV | 351    | 9247   | 0.32%  | 0.023% |
| 207 | 13.297 | 13.259 | 13.317 | VV | 343    | 8374   | 0.29%  | 0.021% |
| 208 | 13.327 | 13.317 | 13.359 | VV | 176    | 3387   | 0.12%  | 0.009% |
| 209 | 13.374 | 13.359 | 13.424 | VV | 215    | 5553   | 0.19%  | 0.014% |
| 210 | 13.448 | 13.424 | 13.470 | VV | 196    | 3511   | 0.12%  | 0.009% |
| 211 | 13.480 | 13.470 | 13.509 | VV | 245    | 2862   | 0.10%  | 0.007% |
| 212 | 13.589 | 13.520 | 13.612 | PV | 266    | 8454   | 0.30%  | 0.021% |
| 213 | 13.638 | 13.612 | 13.687 | VV | 668    | 16472  | 0.57%  | 0.041% |
| 214 | 13.698 | 13.687 | 13.717 | VV | 273    | 3730   | 0.13%  | 0.009% |
| 215 | 13.748 | 13.717 | 13.787 | VV | 711    | 14180  | 0.49%  | 0.036% |
| 216 | 13.801 | 13.787 | 13.810 | VV | 282    | 2609   | 0.09%  | 0.007% |
| 217 | 13.832 | 13.810 | 13.850 | VV | 290    | 4542   | 0.16%  | 0.011% |
| 218 | 13.891 | 13.850 | 13.937 | VV | 271    | 9530   | 0.33%  | 0.024% |
| 219 | 13.973 | 13.937 | 14.007 | VV | 275    | 7566   | 0.26%  | 0.019% |
| 220 | 14.027 | 14.007 | 14.054 | PV | 172    | 2992   | 0.10%  | 0.008% |
| 221 | 14.060 | 14.054 | 14.087 | VV | 163    | 2386   | 0.08%  | 0.006% |
| 222 | 14.157 | 14.087 | 14.167 | VV | 446    | 10438  | 0.36%  | 0.026% |
| 223 | 14.182 | 14.167 | 14.214 | VV | 368    | 7123   | 0.25%  | 0.018% |
| 224 | 14.226 | 14.214 | 14.233 | VV | 214    | 1701   | 0.06%  | 0.004% |
| 225 | 14.257 | 14.233 | 14.287 | VV | 398    | 7217   | 0.25%  | 0.018% |
| 226 | 14.306 | 14.287 | 14.334 | VV | 539    | 8183   | 0.29%  | 0.021% |
| 227 | 14.373 | 14.334 | 14.395 | VV | 358    | 7519   | 0.26%  | 0.019% |
| 228 | 14.430 | 14.395 | 14.487 | VV | 263    | 8845   | 0.31%  | 0.022% |
| 229 | 14.528 | 14.487 | 14.537 | PV | 133    | 2359   | 0.08%  | 0.006% |
| 230 | 14.559 | 14.537 | 14.568 | VV | 256    | 3207   | 0.11%  | 0.008% |
| 231 | 14.576 | 14.568 | 14.634 | VV | 253    | 4869   | 0.17%  | 0.012% |
| 232 | 14.648 | 14.634 | 14.670 | VV | 167    | 1887   | 0.07%  | 0.005% |
| 233 | 14.701 | 14.670 | 14.709 | VV | 173    | 2932   | 0.10%  | 0.007% |
| 234 | 14.717 | 14.709 | 14.727 | VV | 167    | 1200   | 0.04%  | 0.003% |
| 235 | 14.762 | 14.727 | 14.780 | VV | 459    | 6911   | 0.24%  | 0.017% |
| 236 | 14.796 | 14.780 | 14.815 | PV | 208    | 3135   | 0.11%  | 0.008% |
| 237 | 14.841 | 14.815 | 14.870 | VV | 624    | 8897   | 0.31%  | 0.022% |
| 238 | 14.896 | 14.870 | 14.944 | VV | 536    | 12513  | 0.44%  | 0.032% |
| 239 | 14.978 | 14.944 | 15.020 | VV | 666    | 13352  | 0.47%  | 0.034% |
| 240 | 15.045 | 15.020 | 15.057 | PV | 270    | 3272   | 0.11%  | 0.008% |
| 241 | 15.073 | 15.057 | 15.107 | VV | 286    | 4902   | 0.17%  | 0.012% |
| 242 | 15.118 | 15.107 | 15.149 | VV | 172    | 2485   | 0.09%  | 0.006% |
| 243 | 15.163 | 15.149 | 15.192 | VV | 329    | 2797   | 0.10%  | 0.007% |
| 244 | 15.230 | 15.192 | 15.304 | PV | 3320   | 87788  | 3.06%  | 0.221% |
| 245 | 15.313 | 15.304 | 15.334 | VV | 508    | 7100   | 0.25%  | 0.018% |
| 246 | 15.377 | 15.334 | 15.400 | VV | 1978   | 44885  | 1.57%  | 0.113% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 15.431 | 15.400 | 15.477 | VV | 1718   | 28877  | 1.01%  | 0.073% |
| 248 | 15.499 | 15.477 | 15.522 | PV | 419    | 6183   | 0.22%  | 0.016% |
| 249 | 15.531 | 15.522 | 15.550 | VV | 200    | 1412   | 0.05%  | 0.004% |
| 250 | 15.589 | 15.550 | 15.600 | VV | 186    | 2942   | 0.10%  | 0.007% |
|     |        |        |        |    |        |        |        |        |
| 251 | 15.624 | 15.600 | 15.635 | PV | 162    | 2530   | 0.09%  | 0.006% |
| 252 | 15.670 | 15.635 | 15.692 | VV | 371    | 7277   | 0.25%  | 0.018% |
| 253 | 15.719 | 15.692 | 15.745 | VV | 749    | 12741  | 0.44%  | 0.032% |
| 254 | 15.752 | 15.745 | 15.762 | VV | 307    | 2037   | 0.07%  | 0.005% |
| 255 | 15.785 | 15.762 | 15.794 | VV | 168    | 2858   | 0.10%  | 0.007% |
|     |        |        |        |    |        |        |        |        |
| 256 | 15.855 | 15.794 | 15.880 | VV | 2082   | 45861  | 1.60%  | 0.116% |
| 257 | 15.890 | 15.880 | 15.902 | VV | 408    | 4173   | 0.15%  | 0.011% |
| 258 | 15.925 | 15.902 | 15.951 | VV | 408    | 7506   | 0.26%  | 0.019% |
| 259 | 15.961 | 15.951 | 15.970 | VV | 116    | 1181   | 0.04%  | 0.003% |
| 260 | 15.979 | 15.970 | 16.002 | VV | 158    | 1885   | 0.07%  | 0.005% |
|     |        |        |        |    |        |        |        |        |
| 261 | 16.061 | 16.002 | 16.079 | PV | 378    | 8241   | 0.29%  | 0.021% |
| 262 | 16.168 | 16.079 | 16.184 | VV | 471    | 17724  | 0.62%  | 0.045% |
| 263 | 16.240 | 16.184 | 16.275 | VV | 902    | 30552  | 1.07%  | 0.077% |
| 264 | 16.301 | 16.275 | 16.313 | VV | 694    | 13327  | 0.47%  | 0.034% |
| 265 | 16.336 | 16.313 | 16.373 | VV | 3141   | 48715  | 1.70%  | 0.123% |
|     |        |        |        |    |        |        |        |        |
| 266 | 16.413 | 16.373 | 16.443 | VV | 906    | 24805  | 0.87%  | 0.062% |
| 267 | 16.493 | 16.443 | 16.517 | VV | 874    | 29460  | 1.03%  | 0.074% |
| 268 | 16.561 | 16.517 | 16.569 | VV | 917    | 24581  | 0.86%  | 0.062% |
| 269 | 16.577 | 16.569 | 16.587 | VV | 845    | 8716   | 0.30%  | 0.022% |
| 270 | 16.602 | 16.587 | 16.620 | VV | 904    | 15855  | 0.55%  | 0.040% |
|     |        |        |        |    |        |        |        |        |
| 271 | 16.686 | 16.620 | 16.712 | VV | 1040   | 47667  | 1.66%  | 0.120% |
| 272 | 16.737 | 16.712 | 16.749 | VV | 952    | 19207  | 0.67%  | 0.048% |
| 273 | 16.800 | 16.749 | 16.834 | VV | 4177   | 102740 | 3.59%  | 0.259% |
| 274 | 16.848 | 16.834 | 16.867 | VV | 2307   | 40229  | 1.40%  | 0.101% |
| 275 | 16.875 | 16.867 | 16.913 | VV | 1824   | 44158  | 1.54%  | 0.111% |
|     |        |        |        |    |        |        |        |        |
| 276 | 16.930 | 16.913 | 16.954 | VV | 1847   | 36768  | 1.28%  | 0.093% |
| 277 | 16.975 | 16.954 | 16.987 | VV | 1792   | 32150  | 1.12%  | 0.081% |
| 278 | 17.048 | 16.987 | 17.070 | VV | 2596   | 100488 | 3.51%  | 0.253% |
| 279 | 17.127 | 17.070 | 17.155 | VV | 2683   | 113327 | 3.95%  | 0.285% |
| 280 | 17.186 | 17.155 | 17.204 | VV | 3139   | 85869  | 3.00%  | 0.216% |
|     |        |        |        |    |        |        |        |        |
| 281 | 17.247 | 17.204 | 17.275 | VV | 7680   | 187537 | 6.54%  | 0.472% |
| 282 | 17.285 | 17.275 | 17.304 | VV | 3040   | 48089  | 1.68%  | 0.121% |
| 283 | 17.325 | 17.304 | 17.342 | VV | 3320   | 69034  | 2.41%  | 0.174% |
| 284 | 17.368 | 17.342 | 17.399 | VV | 3619   | 107435 | 3.75%  | 0.271% |
| 285 | 17.421 | 17.399 | 17.435 | VV | 3190   | 66341  | 2.32%  | 0.167% |
|     |        |        |        |    |        |        |        |        |
| 286 | 17.461 | 17.435 | 17.490 | VV | 3383   | 102138 | 3.56%  | 0.257% |
| 287 | 17.524 | 17.490 | 17.552 | VV | 3501   | 118625 | 4.14%  | 0.299% |
| 288 | 17.585 | 17.552 | 17.600 | VV | 3805   | 103713 | 3.62%  | 0.261% |
| 289 | 17.683 | 17.600 | 17.710 | VV | 8205   | 326726 | 11.40% | 0.823% |
| 290 | 17.731 | 17.710 | 17.744 | VV | 4727   | 88170  | 3.08%  | 0.222% |
|     |        |        |        |    |        |        |        |        |
| 291 | 17.775 | 17.744 | 17.792 | VV | 5822   | 145895 | 5.09%  | 0.368% |
| 292 | 17.831 | 17.792 | 17.890 | VV | 7951   | 350943 | 12.25% | 0.884% |
| 293 | 17.916 | 17.890 | 17.939 | VV | 5527   | 156155 | 5.45%  | 0.393% |
| 294 | 18.052 | 17.939 | 18.078 | VV | 8361   | 546939 | 19.09% | 1.378% |
| 295 | 18.102 | 18.078 | 18.135 | VV | 11635  | 298482 | 10.42% | 0.752% |
|     |        |        |        |    |        |        |        |        |
| 296 | 18.196 | 18.135 | 18.248 | VV | 10753  | 529659 | 18.48% | 1.334% |
| 297 | 18.268 | 18.248 | 18.280 | VV | 7527   | 145697 | 5.08%  | 0.367% |
| 298 | 18.421 | 18.280 | 18.439 | VV | 8872   | 783560 | 27.34% | 1.974% |
| 299 | 18.509 | 18.439 | 18.552 | VV | 13771  | 722764 | 25.22% | 1.821% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 300 | 18.613 | 18.552 | 18.634 | VV | 14359  | 574746  | 20.06%  | 1.448% |
| 301 | 18.667 | 18.634 | 18.680 | VV | 13129  | 350608  | 12.24%  | 0.883% |
| 302 | 18.712 | 18.680 | 18.730 | VV | 12976  | 376748  | 13.15%  | 0.949% |
| 303 | 18.793 | 18.730 | 18.810 | VV | 14100  | 647187  | 22.59%  | 1.630% |
| 304 | 18.832 | 18.810 | 18.842 | VV | 14407  | 266588  | 9.30%   | 0.672% |
| 305 | 18.874 | 18.842 | 18.882 | VV | 16773  | 369330  | 12.89%  | 0.930% |
| 306 | 18.905 | 18.882 | 18.935 | VV | 18484  | 555128  | 19.37%  | 1.398% |
| 307 | 18.945 | 18.935 | 18.977 | VV | 16690  | 405371  | 14.15%  | 1.021% |
| 308 | 19.013 | 18.977 | 19.028 | VV | 17272  | 507890  | 17.72%  | 1.279% |
| 309 | 19.061 | 19.028 | 19.082 | VV | 17620  | 555220  | 19.38%  | 1.399% |
| 310 | 19.163 | 19.082 | 19.174 | VV | 18629  | 983755  | 34.33%  | 2.478% |
| 311 | 19.288 | 19.174 | 19.306 | VV | 22327  | 1562080 | 54.51%  | 3.935% |
| 312 | 19.324 | 19.306 | 19.344 | VV | 21429  | 483564  | 16.88%  | 1.218% |
| 313 | 19.410 | 19.344 | 19.440 | VV | 22567  | 1261737 | 44.03%  | 3.178% |
| 314 | 19.483 | 19.440 | 19.492 | VV | 23048  | 697241  | 24.33%  | 1.756% |
| 315 | 19.660 | 19.492 | 19.680 | VV | 28695  | 2865526 | 100.00% | 7.218% |
| 316 | 19.712 | 19.680 | 19.734 | VV | 28946  | 902376  | 31.49%  | 2.273% |
| 317 | 19.825 | 19.734 | 19.834 | VV | 30872  | 1772996 | 61.87%  | 4.466% |
| 318 | 19.895 | 19.834 | 19.912 | VV | 31886  | 1456381 | 50.82%  | 3.669% |
| 319 | 19.939 | 19.912 | 19.953 | VV | 33052  | 815745  | 28.47%  | 2.055% |
| 320 | 20.062 | 19.953 | 20.074 | VV | 35960  | 2512944 | 87.70%  | 6.330% |

Sum of corrected areas: 39698696

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