

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040320AL\  
 Data File : FC046623.D  
 Signal(s) : FID1A.CH  
 Acq On : 03 Apr 2020 14:26  
 Sample : L2129-08  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 032320.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         | 3.498       | 3.481        | 3.517      | BV       | 181            | 1599         | 0.01%          | 0.001%        |
| 2         | 3.543       | 3.517        | 3.559      | PV       | 398            | 4716         | 0.03%          | 0.002%        |
| 3         | 3.569       | 3.559        | 3.585      | VV       | 315            | 2799         | 0.02%          | 0.001%        |
| 4         | 3.592       | 3.585        | 3.629      | VV       | 135            | 2017         | 0.01%          | 0.001%        |
| 5         | 3.634       | 3.629        | 3.669      | VV       | 123            | 1699         | 0.01%          | 0.001%        |
| 6         | 3.711       | 3.691        | 3.724      | VV       | 133            | 1449         | 0.01%          | 0.001%        |
| 7         | 3.741       | 3.724        | 3.754      | VV       | 216            | 2578         | 0.01%          | 0.001%        |
| 8         | 3.771       | 3.754        | 3.789      | VV       | 180            | 2455         | 0.01%          | 0.001%        |
| 9         | 3.821       | 3.789        | 3.847      | VV       | 258            | 4874         | 0.03%          | 0.002%        |
| 10        | 3.882       | 3.847        | 3.901      | PV       | 156            | 2911         | 0.02%          | 0.001%        |
| 11        | 3.918       | 3.901        | 3.927      | VV       | 214            | 2594         | 0.01%          | 0.001%        |
| 12        | 3.933       | 3.927        | 3.974      | VV       | 241            | 4106         | 0.02%          | 0.002%        |
| 13        | 3.991       | 3.974        | 4.009      | VV       | 212            | 2574         | 0.01%          | 0.001%        |
| 14        | 4.022       | 4.009        | 4.030      | VV       | 166            | 1561         | 0.01%          | 0.001%        |
| 15        | 4.051       | 4.030        | 4.082      | VV       | 576            | 9509         | 0.05%          | 0.004%        |
| 16        | 4.095       | 4.082        | 4.110      | VV       | 355            | 4037         | 0.02%          | 0.002%        |
| 17        | 4.132       | 4.110        | 4.188      | VV       | 548            | 9923         | 0.06%          | 0.004%        |
| 18        | 4.215       | 4.188        | 4.253      | PV       | 258            | 6444         | 0.04%          | 0.003%        |
| 19        | 4.309       | 4.253        | 4.330      | VV       | 288            | 9747         | 0.06%          | 0.004%        |
| 20        | 4.390       | 4.330        | 4.416      | VV       | 770            | 17326        | 0.10%          | 0.007%        |
| 21        | 4.429       | 4.416        | 4.457      | VV       | 331            | 6059         | 0.03%          | 0.003%        |
| 22        | 4.463       | 4.457        | 4.504      | VV       | 252            | 4614         | 0.03%          | 0.002%        |
| 23        | 4.537       | 4.504        | 4.559      | VV       | 162            | 3904         | 0.02%          | 0.002%        |
| 24        | 4.576       | 4.559        | 4.586      | VV       | 147            | 1824         | 0.01%          | 0.001%        |
| 25        | 4.613       | 4.586        | 4.651      | VV       | 614            | 9869         | 0.06%          | 0.004%        |
| 26        | 4.667       | 4.651        | 4.681      | VV       | 347            | 4139         | 0.02%          | 0.002%        |
| 27        | 4.693       | 4.681        | 4.717      | VV       | 326            | 4700         | 0.03%          | 0.002%        |
| 28        | 4.725       | 4.717        | 4.743      | VV       | 218            | 1964         | 0.01%          | 0.001%        |
| 29        | 4.776       | 4.743        | 4.807      | VV       | 3851           | 47456        | 0.27%          | 0.020%        |
| 30        | 4.816       | 4.807        | 4.829      | VV       | 381            | 4802         | 0.03%          | 0.002%        |
| 31        | 4.862       | 4.829        | 4.884      | VV       | 620            | 13060        | 0.07%          | 0.006%        |
| 32        | 4.910       | 4.884        | 4.936      | VV       | 283            | 5421         | 0.03%          | 0.002%        |
| 33        | 4.986       | 4.936        | 5.016      | VV       | 316            | 7931         | 0.04%          | 0.003%        |
| 34        | 5.026       | 5.016        | 5.054      | VV       | 349            | 6043         | 0.03%          | 0.003%        |
| 35        | 5.072       | 5.054        | 5.089      | VV       | 639            | 8620         | 0.05%          | 0.004%        |
| 36        | 5.098       | 5.089        | 5.121      | VV       | 547            | 5835         | 0.03%          | 0.003%        |

|    |       |       |       |    | rteres |         |       |        |
|----|-------|-------|-------|----|--------|---------|-------|--------|
| 37 | 5.130 | 5.121 | 5.167 | VV | 137    | 2196    | 0.01% | 0.001% |
| 38 | 5.241 | 5.188 | 5.261 | VV | 575    | 13825   | 0.08% | 0.006% |
| 39 | 5.270 | 5.261 | 5.290 | VV | 528    | 7687    | 0.04% | 0.003% |
| 40 | 5.317 | 5.290 | 5.332 | VV | 1722   | 21110   | 0.12% | 0.009% |
| 41 | 5.341 | 5.332 | 5.392 | VV | 714    | 14071   | 0.08% | 0.006% |
| 42 | 5.402 | 5.392 | 5.434 | VV | 271    | 4961    | 0.03% | 0.002% |
| 43 | 5.484 | 5.434 | 5.504 | VV | 368    | 10469   | 0.06% | 0.005% |
| 44 | 5.514 | 5.504 | 5.599 | VV | 288    | 10115   | 0.06% | 0.004% |
| 45 | 5.610 | 5.599 | 5.629 | VV | 124    | 1027    | 0.01% | 0.000% |
| 46 | 5.645 | 5.629 | 5.672 | PV | 652    | 9639    | 0.05% | 0.004% |
| 47 | 5.687 | 5.672 | 5.711 | VV | 612    | 7501    | 0.04% | 0.003% |
| 48 | 5.743 | 5.711 | 5.779 | VV | 206    | 3610    | 0.02% | 0.002% |
| 49 | 5.849 | 5.797 | 5.881 | VV | 1654   | 23699   | 0.13% | 0.010% |
| 50 | 5.943 | 5.881 | 5.981 | VV | 3388   | 56289   | 0.32% | 0.024% |
| 51 | 5.992 | 5.981 | 6.018 | VV | 587    | 7056    | 0.04% | 0.003% |
| 52 | 6.036 | 6.018 | 6.082 | VV | 479    | 6751    | 0.04% | 0.003% |
| 53 | 6.106 | 6.082 | 6.149 | PV | 918    | 18748   | 0.11% | 0.008% |
| 54 | 6.172 | 6.149 | 6.189 | VV | 607    | 9805    | 0.06% | 0.004% |
| 55 | 6.213 | 6.189 | 6.312 | VV | 79774  | 954484  | 5.41% | 0.411% |
| 56 | 6.331 | 6.312 | 6.363 | VV | 1871   | 37914   | 0.22% | 0.016% |
| 57 | 6.378 | 6.363 | 6.402 | VV | 1005   | 16321   | 0.09% | 0.007% |
| 58 | 6.420 | 6.402 | 6.474 | VV | 893    | 25016   | 0.14% | 0.011% |
| 59 | 6.481 | 6.474 | 6.536 | VV | 339    | 9412    | 0.05% | 0.004% |
| 60 | 6.557 | 6.536 | 6.597 | VV | 525    | 11480   | 0.07% | 0.005% |
| 61 | 6.618 | 6.597 | 6.643 | VV | 974    | 12330   | 0.07% | 0.005% |
| 62 | 6.658 | 6.643 | 6.672 | VV | 497    | 6159    | 0.03% | 0.003% |
| 63 | 6.689 | 6.672 | 6.726 | VV | 646    | 16561   | 0.09% | 0.007% |
| 64 | 6.763 | 6.726 | 6.792 | VV | 1674   | 34070   | 0.19% | 0.015% |
| 65 | 6.804 | 6.792 | 6.816 | VV | 395    | 4534    | 0.03% | 0.002% |
| 66 | 6.828 | 6.816 | 6.857 | VV | 431    | 5475    | 0.03% | 0.002% |
| 67 | 6.882 | 6.857 | 6.892 | PV | 185    | 1091    | 0.01% | 0.000% |
| 68 | 6.915 | 6.892 | 6.931 | VV | 1405   | 14184   | 0.08% | 0.006% |
| 69 | 6.946 | 6.931 | 6.991 | VV | 1007   | 16723   | 0.09% | 0.007% |
| 70 | 7.033 | 6.991 | 7.059 | VV | 1593   | 26416   | 0.15% | 0.011% |
| 71 | 7.067 | 7.059 | 7.091 | VV | 575    | 6210    | 0.04% | 0.003% |
| 72 | 7.115 | 7.091 | 7.127 | VV | 248    | 4058    | 0.02% | 0.002% |
| 73 | 7.174 | 7.127 | 7.186 | VV | 1451   | 20995   | 0.12% | 0.009% |
| 74 | 7.195 | 7.186 | 7.234 | VV | 1356   | 19572   | 0.11% | 0.008% |
| 75 | 7.263 | 7.234 | 7.306 | VV | 98313  | 1089317 | 6.18% | 0.469% |
| 76 | 7.313 | 7.306 | 7.341 | VV | 4136   | 65574   | 0.37% | 0.028% |
| 77 | 7.355 | 7.341 | 7.373 | VV | 2682   | 42950   | 0.24% | 0.018% |
| 78 | 7.396 | 7.373 | 7.497 | VV | 75730  | 855442  | 4.85% | 0.368% |
| 79 | 7.538 | 7.497 | 7.589 | VV | 2187   | 47225   | 0.27% | 0.020% |
| 80 | 7.614 | 7.589 | 7.626 | VV | 831    | 12593   | 0.07% | 0.005% |
| 81 | 7.640 | 7.626 | 7.691 | VV | 985    | 16597   | 0.09% | 0.007% |
| 82 | 7.728 | 7.691 | 7.759 | PV | 1139   | 23896   | 0.14% | 0.010% |
| 83 | 7.779 | 7.759 | 7.827 | VV | 849    | 19695   | 0.11% | 0.008% |
| 84 | 7.983 | 7.952 | 8.070 | VV | 22532  | 350440  | 1.99% | 0.151% |
| 85 | 8.088 | 8.070 | 8.116 | VV | 1683   | 33190   | 0.19% | 0.014% |
| 86 | 8.138 | 8.116 | 8.171 | VV | 20651  | 271546  | 1.54% | 0.117% |
| 87 | 8.177 | 8.171 | 8.197 | VV | 2762   | 32424   | 0.18% | 0.014% |
| 88 | 8.236 | 8.197 | 8.298 | VV | 38218  | 822743  | 4.67% | 0.354% |
| 89 | 8.314 | 8.298 | 8.327 | VV | 2524   | 34899   | 0.20% | 0.015% |

| rteres |        |        |        |    |         |          |         |        |
|--------|--------|--------|--------|----|---------|----------|---------|--------|
| 90     | 8.352  | 8.327  | 8.368  | VV | 90209   | 935666   | 5.31%   | 0.403% |
| 91     | 8.380  | 8.368  | 8.457  | VV | 58360   | 752899   | 4.27%   | 0.324% |
| 92     | 8.478  | 8.457  | 8.490  | VV | 13267   | 139939   | 0.79%   | 0.060% |
| 93     | 8.517  | 8.490  | 8.607  | VV | 34972   | 874567   | 4.96%   | 0.376% |
| 94     | 8.627  | 8.607  | 8.652  | VV | 21916   | 234775   | 1.33%   | 0.101% |
| 95     | 8.668  | 8.652  | 8.714  | VV | 4515    | 56655    | 0.32%   | 0.024% |
| 96     | 8.797  | 8.784  | 8.811  | VV | 10398   | 135613   | 0.77%   | 0.058% |
| 97     | 8.833  | 8.811  | 8.855  | VV | 212002  | 2101226  | 11.92%  | 0.904% |
| 98     | 8.871  | 8.855  | 8.915  | VV | 32388   | 441760   | 2.51%   | 0.190% |
| 99     | 8.942  | 8.915  | 8.974  | VV | 15020   | 222086   | 1.26%   | 0.096% |
| 100    | 9.012  | 8.974  | 9.037  | VV | 4221    | 110207   | 0.63%   | 0.047% |
| 101    | 9.067  | 9.037  | 9.084  | VV | 36105   | 461081   | 2.62%   | 0.198% |
| 102    | 9.105  | 9.084  | 9.167  | VV | 171795  | 2009832  | 11.40%  | 0.865% |
| 103    | 9.190  | 9.167  | 9.207  | VV | 11707   | 159687   | 0.91%   | 0.069% |
| 104    | 9.235  | 9.207  | 9.254  | VV | 29507   | 379501   | 2.15%   | 0.163% |
| 105    | 9.276  | 9.254  | 9.360  | VV | 36349   | 481653   | 2.73%   | 0.207% |
| 106    | 9.390  | 9.360  | 9.408  | VV | 35851   | 394812   | 2.24%   | 0.170% |
| 107    | 9.424  | 9.408  | 9.460  | VV | 34118   | 379972   | 2.16%   | 0.164% |
| 108    | 9.481  | 9.460  | 9.491  | VV | 4193    | 51545    | 0.29%   | 0.022% |
| 109    | 9.527  | 9.491  | 9.552  | VV | 39118   | 594436   | 3.37%   | 0.256% |
| 110    | 9.575  | 9.552  | 9.591  | VV | 6480    | 122909   | 0.70%   | 0.053% |
| 111    | 9.614  | 9.591  | 9.656  | VV | 205256  | 2290852  | 12.99%  | 0.986% |
| 112    | 9.692  | 9.656  | 9.717  | VV | 36743   | 669730   | 3.80%   | 0.288% |
| 113    | 9.733  | 9.717  | 9.745  | VV | 28709   | 305268   | 1.73%   | 0.131% |
| 114    | 9.764  | 9.745  | 9.801  | VV | 64804   | 936922   | 5.31%   | 0.403% |
| 115    | 9.824  | 9.801  | 9.863  | VV | 43377   | 613095   | 3.48%   | 0.264% |
| 116    | 9.885  | 9.863  | 9.906  | VV | 5915    | 106383   | 0.60%   | 0.046% |
| 117    | 9.932  | 9.906  | 9.963  | VV | 102798  | 1171750  | 6.65%   | 0.504% |
| 118    | 9.982  | 9.963  | 10.011 | VV | 13056   | 285951   | 1.62%   | 0.123% |
| 119    | 10.034 | 10.011 | 10.079 | VV | 134923  | 1824458  | 10.35%  | 0.785% |
| 120    | 10.097 | 10.079 | 10.152 | VV | 25196   | 462266   | 2.62%   | 0.199% |
| 121    | 10.192 | 10.152 | 10.260 | VV | 9572    | 245649   | 1.39%   | 0.106% |
| 122    | 10.313 | 10.260 | 10.328 | PV | 2891    | 59758    | 0.34%   | 0.026% |
| 123    | 10.348 | 10.328 | 10.391 | VV | 13273   | 196865   | 1.12%   | 0.085% |
| 124    | 10.408 | 10.391 | 10.436 | VV | 6393    | 117806   | 0.67%   | 0.051% |
| 125    | 10.458 | 10.436 | 10.471 | VV | 24154   | 306580   | 1.74%   | 0.132% |
| 126    | 10.493 | 10.471 | 10.515 | VV | 53600   | 797995   | 4.53%   | 0.343% |
| 127    | 10.534 | 10.515 | 10.566 | VV | 34776   | 460104   | 2.61%   | 0.198% |
| 128    | 10.607 | 10.566 | 10.649 | VV | 42639   | 858170   | 4.87%   | 0.369% |
| 129    | 10.675 | 10.649 | 10.716 | VV | 123239  | 1643185  | 9.32%   | 0.707% |
| 130    | 10.740 | 10.716 | 10.753 | VV | 15820   | 260876   | 1.48%   | 0.112% |
| 131    | 10.776 | 10.753 | 10.791 | VV | 72870   | 900408   | 5.11%   | 0.387% |
| 132    | 10.812 | 10.791 | 10.859 | VV | 96849   | 2089010  | 11.85%  | 0.899% |
| 133    | 10.881 | 10.859 | 10.894 | VV | 13741   | 258061   | 1.46%   | 0.111% |
| 134    | 10.915 | 10.894 | 10.934 | VV | 59638   | 754022   | 4.28%   | 0.324% |
| 135    | 10.948 | 10.934 | 10.971 | VV | 18000   | 300012   | 1.70%   | 0.129% |
| 136    | 11.031 | 10.971 | 11.072 | VV | 1432143 | 17629765 | 100.00% | 7.587% |
| 137    | 11.096 | 11.072 | 11.123 | VV | 364839  | 3801130  | 21.56%  | 1.636% |
| 138    | 11.136 | 11.123 | 11.163 | VV | 20281   | 304895   | 1.73%   | 0.131% |
| 139    | 11.180 | 11.163 | 11.213 | VV | 13240   | 247228   | 1.40%   | 0.106% |
| 140    | 11.224 | 11.213 | 11.247 | VV | 6254    | 97341    | 0.55%   | 0.042% |
| 141    | 11.276 | 11.247 | 11.288 | VV | 16609   | 240535   | 1.36%   | 0.104% |

|     |        |        |        |    | rteres  |          |        |        |
|-----|--------|--------|--------|----|---------|----------|--------|--------|
| 142 | 11.308 | 11.288 | 11.342 | VV | 95234   | 1216096  | 6.90%  | 0.523% |
| 143 | 11.372 | 11.342 | 11.388 | VV | 11904   | 229685   | 1.30%  | 0.099% |
| 144 | 11.408 | 11.388 | 11.422 | VV | 21872   | 274374   | 1.56%  | 0.118% |
| 145 | 11.434 | 11.422 | 11.465 | VV | 17581   | 240011   | 1.36%  | 0.103% |
|     |        |        |        |    |         |          |        |        |
| 146 | 11.538 | 11.465 | 11.577 | VV | 78356   | 1379949  | 7.83%  | 0.594% |
| 147 | 11.604 | 11.577 | 11.621 | VV | 46655   | 597591   | 3.39%  | 0.257% |
| 148 | 11.635 | 11.621 | 11.645 | VV | 21705   | 274708   | 1.56%  | 0.118% |
| 149 | 11.664 | 11.645 | 11.689 | VV | 27171   | 476301   | 2.70%  | 0.205% |
| 150 | 11.715 | 11.689 | 11.734 | VV | 25146   | 406461   | 2.31%  | 0.175% |
|     |        |        |        |    |         |          |        |        |
| 151 | 11.767 | 11.734 | 11.791 | VV | 304893  | 3510120  | 19.91% | 1.511% |
| 152 | 11.817 | 11.791 | 11.833 | VV | 234944  | 2841016  | 16.11% | 1.223% |
| 153 | 11.851 | 11.833 | 11.881 | VV | 360299  | 4010799  | 22.75% | 1.726% |
| 154 | 11.934 | 11.881 | 11.950 | VV | 144209  | 2938133  | 16.67% | 1.264% |
| 155 | 11.966 | 11.950 | 11.980 | VV | 125397  | 1472870  | 8.35%  | 0.634% |
|     |        |        |        |    |         |          |        |        |
| 156 | 11.997 | 11.980 | 12.029 | VV | 230397  | 2717259  | 15.41% | 1.169% |
| 157 | 12.045 | 12.029 | 12.063 | VV | 16437   | 205937   | 1.17%  | 0.089% |
| 158 | 12.089 | 12.063 | 12.122 | VV | 24933   | 465500   | 2.64%  | 0.200% |
| 159 | 12.143 | 12.122 | 12.164 | VV | 16687   | 224987   | 1.28%  | 0.097% |
| 160 | 12.191 | 12.164 | 12.253 | VV | 113219  | 1706242  | 9.68%  | 0.734% |
|     |        |        |        |    |         |          |        |        |
| 161 | 12.279 | 12.253 | 12.329 | VV | 139663  | 1795042  | 10.18% | 0.772% |
| 162 | 12.348 | 12.329 | 12.384 | VV | 33855   | 493483   | 2.80%  | 0.212% |
| 163 | 12.400 | 12.384 | 12.409 | VV | 8810    | 106319   | 0.60%  | 0.046% |
| 164 | 12.427 | 12.409 | 12.452 | VV | 23811   | 355594   | 2.02%  | 0.153% |
| 165 | 12.467 | 12.452 | 12.487 | VV | 8737    | 164497   | 0.93%  | 0.071% |
|     |        |        |        |    |         |          |        |        |
| 166 | 12.530 | 12.487 | 12.544 | VV | 40453   | 639674   | 3.63%  | 0.275% |
| 167 | 12.554 | 12.544 | 12.579 | VV | 30249   | 398815   | 2.26%  | 0.172% |
| 168 | 12.602 | 12.579 | 12.644 | VV | 59558   | 1211385  | 6.87%  | 0.521% |
| 169 | 12.684 | 12.644 | 12.698 | VV | 84874   | 1169650  | 6.63%  | 0.503% |
| 170 | 12.715 | 12.698 | 12.733 | VV | 119011  | 1558285  | 8.84%  | 0.671% |
|     |        |        |        |    |         |          |        |        |
| 171 | 12.749 | 12.733 | 12.764 | VV | 58385   | 938172   | 5.32%  | 0.404% |
| 172 | 12.781 | 12.764 | 12.807 | VV | 68946   | 1182290  | 6.71%  | 0.509% |
| 173 | 12.848 | 12.807 | 12.896 | VV | 1015115 | 13286608 | 75.36% | 5.718% |
| 174 | 12.931 | 12.896 | 12.953 | VV | 17300   | 366190   | 2.08%  | 0.158% |
| 175 | 12.982 | 12.953 | 13.000 | VV | 56970   | 770606   | 4.37%  | 0.332% |
|     |        |        |        |    |         |          |        |        |
| 176 | 13.022 | 13.000 | 13.033 | VV | 54075   | 709125   | 4.02%  | 0.305% |
| 177 | 13.056 | 13.033 | 13.077 | VV | 58131   | 1060352  | 6.01%  | 0.456% |
| 178 | 13.086 | 13.077 | 13.106 | VV | 18985   | 244014   | 1.38%  | 0.105% |
| 179 | 13.145 | 13.106 | 13.163 | VV | 786450  | 9507122  | 53.93% | 4.091% |
| 180 | 13.184 | 13.163 | 13.203 | VV | 293370  | 3659057  | 20.75% | 1.575% |
|     |        |        |        |    |         |          |        |        |
| 181 | 13.218 | 13.203 | 13.246 | VV | 186388  | 2061573  | 11.69% | 0.887% |
| 182 | 13.256 | 13.246 | 13.274 | VV | 12962   | 196633   | 1.12%  | 0.085% |
| 183 | 13.303 | 13.274 | 13.322 | VV | 66446   | 907812   | 5.15%  | 0.391% |
| 184 | 13.340 | 13.322 | 13.376 | VV | 25085   | 471855   | 2.68%  | 0.203% |
| 185 | 13.399 | 13.376 | 13.436 | VV | 92758   | 1338356  | 7.59%  | 0.576% |
|     |        |        |        |    |         |          |        |        |
| 186 | 13.454 | 13.436 | 13.500 | VV | 35472   | 602279   | 3.42%  | 0.259% |
| 187 | 13.531 | 13.500 | 13.566 | VV | 47700   | 1010182  | 5.73%  | 0.435% |
| 188 | 13.589 | 13.566 | 13.642 | VV | 104589  | 1775404  | 10.07% | 0.764% |
| 189 | 13.723 | 13.642 | 13.759 | VV | 159710  | 3268934  | 18.54% | 1.407% |
| 190 | 13.779 | 13.759 | 13.799 | VV | 37403   | 479384   | 2.72%  | 0.206% |
|     |        |        |        |    |         |          |        |        |
| 191 | 13.826 | 13.799 | 13.849 | VV | 59295   | 931454   | 5.28%  | 0.401% |
| 192 | 13.870 | 13.849 | 13.918 | VV | 114920  | 1945633  | 11.04% | 0.837% |
| 193 | 13.970 | 13.918 | 13.984 | VV | 57935   | 1489956  | 8.45%  | 0.641% |
| 194 | 13.999 | 13.984 | 14.020 | VV | 88107   | 1195749  | 6.78%  | 0.515% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 14.040 | 14.020 | 14.076 | VV | 85400  | 1230870 | 6.98%  | 0.530% |
| 196    | 14.088 | 14.076 | 14.096 | VV | 13749  | 145696  | 0.83%  | 0.063% |
| 197    | 14.117 | 14.096 | 14.130 | VV | 24448  | 387259  | 2.20%  | 0.167% |
| 198    | 14.142 | 14.130 | 14.172 | VV | 23475  | 483500  | 2.74%  | 0.208% |
| 199    | 14.186 | 14.172 | 14.202 | VV | 15013  | 212246  | 1.20%  | 0.091% |
| 200    | 14.219 | 14.202 | 14.232 | VV | 12790  | 175297  | 0.99%  | 0.075% |
| 201    | 14.245 | 14.232 | 14.266 | VV | 10683  | 144411  | 0.82%  | 0.062% |
| 202    | 14.300 | 14.266 | 14.339 | VV | 16831  | 319944  | 1.81%  | 0.138% |
| 203    | 14.391 | 14.339 | 14.400 | VV | 25708  | 382245  | 2.17%  | 0.164% |
| 204    | 14.413 | 14.400 | 14.439 | VV | 28022  | 593585  | 3.37%  | 0.255% |
| 205    | 14.468 | 14.439 | 14.510 | VV | 115893 | 1851133 | 10.50% | 0.797% |
| 206    | 14.557 | 14.510 | 14.603 | VV | 28586  | 803441  | 4.56%  | 0.346% |
| 207    | 14.635 | 14.603 | 14.671 | VV | 108618 | 1730216 | 9.81%  | 0.745% |
| 208    | 14.692 | 14.671 | 14.724 | VV | 104846 | 2026055 | 11.49% | 0.872% |
| 209    | 14.743 | 14.724 | 14.754 | VV | 45164  | 646653  | 3.67%  | 0.278% |
| 210    | 14.772 | 14.754 | 14.799 | VV | 105017 | 1509443 | 8.56%  | 0.650% |
| 211    | 14.811 | 14.799 | 14.826 | VV | 18737  | 280558  | 1.59%  | 0.121% |
| 212    | 14.831 | 14.826 | 14.844 | VV | 17035  | 183621  | 1.04%  | 0.079% |
| 213    | 14.857 | 14.844 | 14.869 | VV | 19633  | 276025  | 1.57%  | 0.119% |
| 214    | 14.885 | 14.869 | 14.917 | VV | 32216  | 537631  | 3.05%  | 0.231% |
| 215    | 14.928 | 14.917 | 14.952 | VV | 6098   | 91899   | 0.52%  | 0.040% |
| 216    | 14.971 | 14.952 | 14.982 | VV | 17067  | 198992  | 1.13%  | 0.086% |
| 217    | 15.015 | 14.982 | 15.035 | VV | 429985 | 5497814 | 31.18% | 2.366% |
| 218    | 15.058 | 15.035 | 15.090 | VV | 417260 | 5198890 | 29.49% | 2.237% |
| 219    | 15.106 | 15.090 | 15.131 | VV | 16939  | 294562  | 1.67%  | 0.127% |
| 220    | 15.177 | 15.131 | 15.230 | VV | 47554  | 1428466 | 8.10%  | 0.615% |
| 221    | 15.262 | 15.230 | 15.288 | VV | 20467  | 415869  | 2.36%  | 0.179% |
| 222    | 15.318 | 15.288 | 15.338 | VV | 33040  | 584207  | 3.31%  | 0.251% |
| 223    | 15.358 | 15.338 | 15.394 | VV | 49453  | 897230  | 5.09%  | 0.386% |
| 224    | 15.411 | 15.394 | 15.429 | VV | 24298  | 392336  | 2.23%  | 0.169% |
| 225    | 15.464 | 15.429 | 15.484 | VV | 30311  | 760335  | 4.31%  | 0.327% |
| 226    | 15.502 | 15.484 | 15.528 | VV | 16076  | 309840  | 1.76%  | 0.133% |
| 227    | 15.551 | 15.528 | 15.574 | VV | 13894  | 275650  | 1.56%  | 0.119% |
| 228    | 15.594 | 15.574 | 15.611 | VV | 14644  | 227074  | 1.29%  | 0.098% |
| 229    | 15.634 | 15.611 | 15.656 | VV | 29970  | 472048  | 2.68%  | 0.203% |
| 230    | 15.681 | 15.656 | 15.701 | VV | 141201 | 1783306 | 10.12% | 0.767% |
| 231    | 15.718 | 15.701 | 15.756 | VV | 63294  | 975062  | 5.53%  | 0.420% |
| 232    | 15.784 | 15.756 | 15.804 | VV | 22495  | 455674  | 2.58%  | 0.196% |
| 233    | 15.826 | 15.804 | 15.841 | VV | 50923  | 774524  | 4.39%  | 0.333% |
| 234    | 15.852 | 15.841 | 15.891 | VV | 43508  | 658716  | 3.74%  | 0.283% |
| 235    | 15.912 | 15.891 | 15.942 | VV | 27456  | 447849  | 2.54%  | 0.193% |
| 236    | 15.956 | 15.942 | 15.976 | VV | 8048   | 131451  | 0.75%  | 0.057% |
| 237    | 15.997 | 15.976 | 16.025 | VV | 21516  | 325143  | 1.84%  | 0.140% |
| 238    | 16.040 | 16.025 | 16.051 | VV | 6170   | 75936   | 0.43%  | 0.033% |
| 239    | 16.068 | 16.051 | 16.089 | VV | 20544  | 274965  | 1.56%  | 0.118% |
| 240    | 16.100 | 16.089 | 16.151 | VV | 8148   | 204397  | 1.16%  | 0.088% |
| 241    | 16.180 | 16.151 | 16.197 | VV | 6636   | 125791  | 0.71%  | 0.054% |
| 242    | 16.211 | 16.197 | 16.242 | VV | 3951   | 79472   | 0.45%  | 0.034% |
| 243    | 16.273 | 16.242 | 16.297 | VV | 14854  | 256322  | 1.45%  | 0.110% |
| 244    | 16.320 | 16.297 | 16.337 | VV | 21619  | 300966  | 1.71%  | 0.130% |
| 245    | 16.370 | 16.337 | 16.401 | VV | 20196  | 508863  | 2.89%  | 0.219% |
| 246    | 16.444 | 16.401 | 16.461 | VV | 16173  | 385057  | 2.18%  | 0.166% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.482 | 16.461 | 16.506 | VV | 23891  | 402622  | 2.28%  | 0.173% |
| 248    | 16.530 | 16.506 | 16.546 | VV | 28243  | 409121  | 2.32%  | 0.176% |
| 249    | 16.577 | 16.546 | 16.592 | VV | 295654 | 4194213 | 23.79% | 1.805% |
| 250    | 16.601 | 16.592 | 16.632 | VV | 147516 | 1702029 | 9.65%  | 0.732% |
| 251    | 16.644 | 16.632 | 16.666 | VV | 10507  | 135746  | 0.77%  | 0.058% |
| 252    | 16.704 | 16.666 | 16.754 | VV | 58367  | 1039946 | 5.90%  | 0.448% |
| 253    | 16.767 | 16.754 | 16.789 | VV | 6738   | 79739   | 0.45%  | 0.034% |
| 254    | 16.851 | 16.789 | 16.866 | PV | 31030  | 653019  | 3.70%  | 0.281% |
| 255    | 16.896 | 16.866 | 16.924 | VV | 149359 | 2212497 | 12.55% | 0.952% |
| 256    | 16.957 | 16.924 | 17.030 | VV | 228510 | 3262547 | 18.51% | 1.404% |
| 257    | 17.056 | 17.030 | 17.079 | VV | 38993  | 545469  | 3.09%  | 0.235% |
| 258    | 17.099 | 17.079 | 17.138 | VV | 15754  | 347502  | 1.97%  | 0.150% |
| 259    | 17.191 | 17.138 | 17.234 | VV | 28306  | 930627  | 5.28%  | 0.400% |
| 260    | 17.253 | 17.234 | 17.273 | VV | 12855  | 195802  | 1.11%  | 0.084% |
| 261    | 17.305 | 17.273 | 17.313 | VV | 22867  | 352775  | 2.00%  | 0.152% |
| 262    | 17.331 | 17.313 | 17.384 | VV | 27972  | 639762  | 3.63%  | 0.275% |
| 263    | 17.449 | 17.384 | 17.466 | VV | 27063  | 781008  | 4.43%  | 0.336% |
| 264    | 17.476 | 17.466 | 17.512 | VV | 23229  | 340199  | 1.93%  | 0.146% |
| 265    | 17.539 | 17.512 | 17.555 | VV | 20440  | 341581  | 1.94%  | 0.147% |
| 266    | 17.566 | 17.555 | 17.591 | VV | 14533  | 228816  | 1.30%  | 0.098% |
| 267    | 17.619 | 17.591 | 17.677 | VV | 19206  | 501151  | 2.84%  | 0.216% |
| 268    | 17.710 | 17.677 | 17.734 | VV | 8186   | 145239  | 0.82%  | 0.063% |
| 269    | 17.759 | 17.734 | 17.778 | VV | 5703   | 110548  | 0.63%  | 0.048% |
| 270    | 17.795 | 17.778 | 17.821 | VV | 5058   | 92055   | 0.52%  | 0.040% |
| 271    | 17.871 | 17.821 | 17.884 | VV | 10713  | 179404  | 1.02%  | 0.077% |
| 272    | 17.907 | 17.884 | 17.926 | VV | 11079  | 228920  | 1.30%  | 0.099% |
| 273    | 17.945 | 17.926 | 17.974 | VV | 16061  | 266792  | 1.51%  | 0.115% |
| 274    | 18.033 | 17.974 | 18.059 | VV | 26029  | 555025  | 3.15%  | 0.239% |
| 275    | 18.111 | 18.059 | 18.157 | VV | 21451  | 790661  | 4.48%  | 0.340% |
| 276    | 18.166 | 18.157 | 18.201 | VV | 8131   | 135618  | 0.77%  | 0.058% |
| 277    | 18.232 | 18.201 | 18.301 | VV | 52878  | 1179042 | 6.69%  | 0.507% |
| 278    | 18.331 | 18.301 | 18.387 | VV | 95327  | 1924298 | 10.92% | 0.828% |
| 279    | 18.406 | 18.387 | 18.434 | VV | 22099  | 344357  | 1.95%  | 0.148% |
| 280    | 18.457 | 18.434 | 18.473 | VV | 41947  | 540076  | 3.06%  | 0.232% |
| 281    | 18.487 | 18.473 | 18.511 | VV | 35095  | 499918  | 2.84%  | 0.215% |
| 282    | 18.522 | 18.511 | 18.554 | VV | 10667  | 198216  | 1.12%  | 0.085% |
| 283    | 18.586 | 18.554 | 18.622 | VV | 79934  | 1102178 | 6.25%  | 0.474% |
| 284    | 18.686 | 18.622 | 18.699 | VV | 15296  | 463487  | 2.63%  | 0.199% |
| 285    | 18.723 | 18.699 | 18.776 | VV | 22208  | 496580  | 2.82%  | 0.214% |
| 286    | 18.821 | 18.776 | 18.847 | VV | 12139  | 302594  | 1.72%  | 0.130% |
| 287    | 18.895 | 18.847 | 18.919 | VV | 12286  | 377268  | 2.14%  | 0.162% |
| 288    | 18.924 | 18.919 | 18.942 | VV | 10404  | 122001  | 0.69%  | 0.053% |
| 289    | 18.958 | 18.942 | 18.977 | VV | 13719  | 201741  | 1.14%  | 0.087% |
| 290    | 19.009 | 18.977 | 19.034 | VV | 18724  | 406100  | 2.30%  | 0.175% |
| 291    | 19.069 | 19.034 | 19.082 | VV | 13451  | 337831  | 1.92%  | 0.145% |
| 292    | 19.098 | 19.082 | 19.122 | VV | 19470  | 322439  | 1.83%  | 0.139% |
| 293    | 19.163 | 19.122 | 19.183 | VV | 12787  | 357657  | 2.03%  | 0.154% |
| 294    | 19.201 | 19.183 | 19.226 | VV | 11152  | 227682  | 1.29%  | 0.098% |
| 295    | 19.270 | 19.226 | 19.299 | VV | 14486  | 413537  | 2.35%  | 0.178% |
| 296    | 19.321 | 19.299 | 19.359 | VV | 9216   | 281726  | 1.60%  | 0.121% |
| 297    | 19.376 | 19.359 | 19.391 | VV | 7420   | 131550  | 0.75%  | 0.057% |
| 298    | 19.413 | 19.391 | 19.437 | VV | 10138  | 231477  | 1.31%  | 0.100% |
| 299    | 19.472 | 19.437 | 19.491 | VV | 9724   | 269878  | 1.53%  | 0.116% |

|     |        |        |        |    | rteres |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
| 300 | 19.502 | 19.491 | 19.517 | VV | 9583   | 141778  | 0.80% | 0.061% |
| 301 | 19.543 | 19.517 | 19.564 | VV | 12032  | 289962  | 1.64% | 0.125% |
| 302 | 19.596 | 19.564 | 19.621 | VV | 14192  | 389308  | 2.21% | 0.168% |
| 303 | 19.661 | 19.621 | 19.684 | VV | 13482  | 452355  | 2.57% | 0.195% |
| 304 | 19.738 | 19.684 | 19.779 | VV | 47026  | 1410239 | 8.00% | 0.607% |
| 305 | 19.808 | 19.779 | 19.844 | VV | 50555  | 1185978 | 6.73% | 0.510% |
| 306 | 19.868 | 19.844 | 19.896 | VV | 27149  | 685908  | 3.89% | 0.295% |
| 307 | 19.912 | 19.896 | 19.932 | VV | 20604  | 415379  | 2.36% | 0.179% |
| 308 | 19.949 | 19.932 | 19.972 | VV | 18998  | 403397  | 2.29% | 0.174% |
| 309 | 19.996 | 19.972 | 20.009 | VV | 16136  | 329409  | 1.87% | 0.142% |
| 310 | 20.031 | 20.009 | 20.056 | VV | 25489  | 548235  | 3.11% | 0.236% |
| 311 | 20.066 | 20.056 | 20.084 | VV | 16202  | 260771  | 1.48% | 0.112% |
| 312 | 20.126 | 20.084 | 20.166 | VV | 54784  | 1388047 | 7.87% | 0.597% |
| 313 | 20.195 | 20.166 | 20.212 | VV | 27680  | 640747  | 3.63% | 0.276% |
| 314 | 20.232 | 20.212 | 20.254 | VV | 26333  | 605795  | 3.44% | 0.261% |
| 315 | 20.276 | 20.254 | 20.294 | VV | 24647  | 569010  | 3.23% | 0.245% |
| 316 | 20.303 | 20.294 | 20.327 | VV | 24747  | 474317  | 2.69% | 0.204% |
| 317 | 20.343 | 20.327 | 20.357 | VV | 24312  | 414114  | 2.35% | 0.178% |
| 318 | 20.381 | 20.357 | 20.407 | VV | 26004  | 709034  | 4.02% | 0.305% |
| 319 | 20.427 | 20.407 | 20.445 | VV | 22682  | 495460  | 2.81% | 0.213% |
| 320 | 20.473 | 20.445 | 20.496 | VV | 22599  | 646616  | 3.67% | 0.278% |
| 321 | 20.506 | 20.496 | 20.529 | VV | 20472  | 389823  | 2.21% | 0.168% |
| 322 | 20.546 | 20.529 | 20.559 | VV | 20239  | 351358  | 1.99% | 0.151% |
| 323 | 20.600 | 20.559 | 20.619 | VV | 20978  | 716268  | 4.06% | 0.308% |
| 324 | 20.632 | 20.619 | 20.654 | VV | 20605  | 412987  | 2.34% | 0.178% |
| 325 | 20.663 | 20.654 | 20.699 | VV | 19132  | 494604  | 2.81% | 0.213% |
| 326 | 20.727 | 20.699 | 20.756 | VV | 19093  | 616279  | 3.50% | 0.265% |
| 327 | 20.771 | 20.756 | 20.781 | VV | 17935  | 260138  | 1.48% | 0.112% |
| 328 | 20.805 | 20.781 | 20.862 | VV | 19228  | 843168  | 4.78% | 0.363% |
| 329 | 20.874 | 20.862 | 20.897 | VV | 14977  | 316435  | 1.79% | 0.136% |
| 330 | 20.909 | 20.897 | 20.952 | VV | 14970  | 466099  | 2.64% | 0.201% |
| 331 | 20.980 | 20.952 | 21.090 | VV | 13800  | 1002000 | 5.68% | 0.431% |
| 332 | 21.119 | 21.090 | 21.134 | VV | 11718  | 283585  | 1.61% | 0.122% |
| 333 | 21.142 | 21.134 | 21.150 | VV | 10894  | 99853   | 0.57% | 0.043% |
| 334 | 21.159 | 21.150 | 21.172 | VV | 10851  | 140669  | 0.80% | 0.061% |
| 335 | 21.212 | 21.172 | 21.266 | VV | 12297  | 616480  | 3.50% | 0.265% |
| 336 | 21.304 | 21.266 | 21.377 | VV | 10886  | 586635  | 3.33% | 0.252% |
| 337 | 21.429 | 21.377 | 21.486 | VV | 10174  | 503896  | 2.86% | 0.217% |
| 338 | 21.527 | 21.486 | 21.574 | VV | 7017   | 317995  | 1.80% | 0.137% |
| 339 | 21.639 | 21.574 | 21.654 | VV | 9127   | 351938  | 2.00% | 0.151% |
| 340 | 21.665 | 21.654 | 21.716 | VV | 8903   | 268311  | 1.52% | 0.115% |
| 341 | 21.734 | 21.716 | 21.754 | VV | 5702   | 117642  | 0.67% | 0.051% |
| 342 | 21.766 | 21.754 | 21.797 | VV | 4881   | 111781  | 0.63% | 0.048% |
| 343 | 21.809 | 21.797 | 21.867 | VV | 3943   | 122588  | 0.70% | 0.053% |
| 344 | 21.889 | 21.867 | 21.900 | VV | 2361   | 32122   | 0.18% | 0.014% |
| 345 | 21.921 | 21.900 | 21.934 | VV | 1055   | 19492   | 0.11% | 0.008% |
| 346 | 21.939 | 21.934 | 21.975 | VV | 887    | 13832   | 0.08% | 0.006% |
| 347 | 22.006 | 21.975 | 22.015 | PV | 951    | 10171   | 0.06% | 0.004% |
| 348 | 22.031 | 22.015 | 22.054 | VV | 467    | 8678    | 0.05% | 0.004% |

Sum of corrected areas: 232368958