

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE083025AL\  
 Data File : FE055600.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Aug 2025 16:33  
 Sample : Q2973-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 082925.M  
 Title : GC Extractables

Signal : FID1B.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         | 2.835       | 2.804        | 2.880      | BV       | 292            | 4895         | 0.04%          | 0.001%        |
| 2         | 2.901       | 2.880        | 2.952      | PV       | 229            | 4027         | 0.03%          | 0.001%        |
| 3         | 2.959       | 2.952        | 3.004      | VV       | 120            | 1285         | 0.01%          | 0.000%        |
| 4         | 3.046       | 3.004        | 3.084      | VV       | 279            | 5897         | 0.05%          | 0.002%        |
| 5         | 3.101       | 3.084        | 3.127      | VV       | 158            | 2264         | 0.02%          | 0.001%        |
| 6         | 3.152       | 3.127        | 3.251      | VV       | 287            | 8685         | 0.07%          | 0.002%        |
| 7         | 3.265       | 3.251        | 3.287      | PV       | 423            | 5930         | 0.05%          | 0.002%        |
| 8         | 3.301       | 3.287        | 3.371      | VV       | 412            | 9955         | 0.08%          | 0.003%        |
| 9         | 3.381       | 3.371        | 3.397      | VV       | 120            | 1248         | 0.01%          | 0.000%        |
| 10        | 3.413       | 3.397        | 3.454      | VV       | 241            | 4868         | 0.04%          | 0.001%        |
| 11        | 3.467       | 3.454        | 3.505      | VV       | 184            | 2735         | 0.02%          | 0.001%        |
| 12        | 3.529       | 3.505        | 3.548      | VV       | 162            | 2814         | 0.02%          | 0.001%        |
| 13        | 3.557       | 3.548        | 3.584      | VV       | 187            | 3183         | 0.03%          | 0.001%        |
| 14        | 3.593       | 3.584        | 3.624      | VV       | 191            | 3113         | 0.03%          | 0.001%        |
| 15        | 3.644       | 3.624        | 3.654      | VV       | 128            | 2084         | 0.02%          | 0.001%        |
| 16        | 3.664       | 3.654        | 3.678      | VV       | 112            | 1535         | 0.01%          | 0.000%        |
| 17        | 3.687       | 3.678        | 3.698      | VV       | 158            | 1101         | 0.01%          | 0.000%        |
| 18        | 3.708       | 3.698        | 3.716      | VV       | 137            | 1052         | 0.01%          | 0.000%        |
| 19        | 3.730       | 3.716        | 3.772      | VV       | 158            | 4063         | 0.03%          | 0.001%        |
| 20        | 3.795       | 3.772        | 3.830      | VV       | 150            | 4134         | 0.04%          | 0.001%        |
| 21        | 3.851       | 3.830        | 3.861      | VV       | 467            | 5007         | 0.04%          | 0.001%        |
| 22        | 3.885       | 3.861        | 3.937      | VV       | 2256           | 28185        | 0.24%          | 0.008%        |
| 23        | 3.947       | 3.937        | 3.964      | VV       | 140            | 1788         | 0.02%          | 0.000%        |
| 24        | 4.001       | 3.964        | 4.046      | VV       | 1811           | 21062        | 0.18%          | 0.006%        |
| 25        | 4.106       | 4.046        | 4.117      | VV       | 198            | 5933         | 0.05%          | 0.002%        |
| 26        | 4.130       | 4.117        | 4.171      | VV       | 275            | 3553         | 0.03%          | 0.001%        |
| 27        | 4.205       | 4.171        | 4.241      | VV       | 571            | 11739        | 0.10%          | 0.003%        |
| 28        | 4.257       | 4.241        | 4.287      | VV       | 329            | 6779         | 0.06%          | 0.002%        |
| 29        | 4.321       | 4.287        | 4.340      | VV       | 272            | 6315         | 0.05%          | 0.002%        |
| 30        | 4.377       | 4.340        | 4.386      | VV       | 350            | 5873         | 0.05%          | 0.002%        |
| 31        | 4.412       | 4.386        | 4.428      | VV       | 446            | 8343         | 0.07%          | 0.002%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 32 | 4.439 | 4.428 | 4.502 | VV | 513    | 14060 | 0.12% | 0.004% |
| 33 | 4.516 | 4.502 | 4.559 | VV | 273    | 7055  | 0.06% | 0.002% |
| 34 | 4.567 | 4.559 | 4.601 | VV | 227    | 4248  | 0.04% | 0.001% |
| 35 | 4.617 | 4.601 | 4.628 | VV | 201    | 2590  | 0.02% | 0.001% |
| 36 | 4.635 | 4.628 | 4.651 | VV | 140    | 1733  | 0.01% | 0.000% |
| 37 | 4.671 | 4.651 | 4.696 | VV | 414    | 5680  | 0.05% | 0.002% |
| 38 | 4.713 | 4.696 | 4.727 | VV | 261    | 3664  | 0.03% | 0.001% |
| 39 | 4.739 | 4.727 | 4.784 | VV | 302    | 7668  | 0.07% | 0.002% |
| 40 | 4.794 | 4.784 | 4.811 | VV | 237    | 2996  | 0.03% | 0.001% |
| 41 | 4.841 | 4.811 | 4.864 | VV | 343    | 7490  | 0.06% | 0.002% |
| 42 | 4.909 | 4.864 | 4.948 | VV | 563    | 15281 | 0.13% | 0.004% |
| 43 | 4.958 | 4.948 | 4.971 | VV | 392    | 3938  | 0.03% | 0.001% |
| 44 | 4.981 | 4.971 | 5.034 | VV | 325    | 9329  | 0.08% | 0.003% |
| 45 | 5.126 | 5.034 | 5.141 | VV | 278    | 14483 | 0.12% | 0.004% |
| 46 | 5.148 | 5.141 | 5.168 | VV | 270    | 3498  | 0.03% | 0.001% |
| 47 | 5.188 | 5.168 | 5.221 | VV | 273    | 6572  | 0.06% | 0.002% |
| 48 | 5.227 | 5.221 | 5.236 | VV | 169    | 1331  | 0.01% | 0.000% |
| 49 | 5.249 | 5.236 | 5.274 | VV | 193    | 2939  | 0.03% | 0.001% |
| 50 | 5.287 | 5.274 | 5.298 | VV | 117    | 1395  | 0.01% | 0.000% |
| 51 | 5.334 | 5.298 | 5.365 | VV | 250    | 5412  | 0.05% | 0.001% |
| 52 | 5.381 | 5.365 | 5.410 | PV | 228    | 3549  | 0.03% | 0.001% |
| 53 | 5.428 | 5.410 | 5.454 | VV | 234    | 3776  | 0.03% | 0.001% |
| 54 | 5.469 | 5.454 | 5.480 | VV | 178    | 2081  | 0.02% | 0.001% |
| 55 | 5.496 | 5.480 | 5.541 | VV | 272    | 5394  | 0.05% | 0.001% |
| 56 | 5.620 | 5.541 | 5.651 | VV | 675    | 13996 | 0.12% | 0.004% |
| 57 | 5.693 | 5.651 | 5.735 | VV | 247    | 6834  | 0.06% | 0.002% |
| 58 | 5.754 | 5.735 | 5.781 | VV | 119    | 2121  | 0.02% | 0.001% |
| 59 | 5.814 | 5.781 | 5.841 | VV | 376    | 7656  | 0.07% | 0.002% |
| 60 | 5.865 | 5.841 | 5.911 | VV | 754    | 14987 | 0.13% | 0.004% |
| 61 | 5.936 | 5.911 | 5.971 | VV | 314    | 5797  | 0.05% | 0.002% |
| 62 | 6.004 | 5.971 | 6.034 | VV | 314    | 6464  | 0.06% | 0.002% |
| 63 | 6.057 | 6.034 | 6.068 | VV | 289    | 3476  | 0.03% | 0.001% |
| 64 | 6.092 | 6.068 | 6.104 | VV | 312    | 5113  | 0.04% | 0.001% |
| 65 | 6.133 | 6.104 | 6.151 | VV | 541    | 10353 | 0.09% | 0.003% |
| 66 | 6.185 | 6.151 | 6.237 | VV | 417    | 13659 | 0.12% | 0.004% |
| 67 | 6.248 | 6.237 | 6.274 | VV | 263    | 4222  | 0.04% | 0.001% |
| 68 | 6.294 | 6.274 | 6.319 | VV | 262    | 5537  | 0.05% | 0.002% |
| 69 | 6.349 | 6.319 | 6.371 | PV | 276    | 6424  | 0.05% | 0.002% |
| 70 | 6.393 | 6.371 | 6.472 | VV | 1719   | 31590 | 0.27% | 0.009% |
| 71 | 6.491 | 6.472 | 6.519 | VV | 357    | 7598  | 0.06% | 0.002% |
| 72 | 6.552 | 6.519 | 6.574 | VV | 498    | 10997 | 0.09% | 0.003% |
| 73 | 6.581 | 6.574 | 6.604 | VV | 317    | 4939  | 0.04% | 0.001% |
| 74 | 6.636 | 6.604 | 6.661 | VV | 321    | 9158  | 0.08% | 0.002% |
| 75 | 6.687 | 6.661 | 6.744 | VV | 629    | 16970 | 0.14% | 0.005% |
| 76 | 6.748 | 6.744 | 6.758 | VV | 310    | 2203  | 0.02% | 0.001% |
| 77 | 6.770 | 6.758 | 6.787 | VV | 324    | 4411  | 0.04% | 0.001% |
| 78 | 6.799 | 6.787 | 6.814 | VV | 258    | 3514  | 0.03% | 0.001% |
| 79 | 6.849 | 6.814 | 6.875 | VV | 449    | 9316  | 0.08% | 0.003% |

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|-----|-------|-------|-------|----|------|-------|-------|--------|
| 80  | 6.883 | 6.875 | 6.903 | VV | 177  | 3171  | 0.03% | 0.001% |
| 81  | 6.928 | 6.903 | 6.971 | VV | 666  | 12135 | 0.10% | 0.003% |
| 82  | 7.002 | 6.971 | 7.028 | VV | 289  | 5756  | 0.05% | 0.002% |
| 83  | 7.035 | 7.028 | 7.044 | VV | 222  | 1788  | 0.02% | 0.000% |
| 84  | 7.050 | 7.044 | 7.107 | VV | 213  | 3379  | 0.03% | 0.001% |
| 85  | 7.137 | 7.107 | 7.161 | PV | 198  | 2595  | 0.02% | 0.001% |
| 86  | 7.179 | 7.161 | 7.215 | VV | 241  | 4718  | 0.04% | 0.001% |
| 87  | 7.261 | 7.215 | 7.288 | VV | 603  | 10776 | 0.09% | 0.003% |
| 88  | 7.332 | 7.288 | 7.355 | VV | 425  | 10401 | 0.09% | 0.003% |
| 89  | 7.365 | 7.355 | 7.378 | VV | 420  | 4901  | 0.04% | 0.001% |
| 90  | 7.405 | 7.378 | 7.412 | VV | 462  | 8799  | 0.08% | 0.002% |
| 91  | 7.418 | 7.412 | 7.454 | VV | 426  | 8916  | 0.08% | 0.002% |
| 92  | 7.494 | 7.454 | 7.513 | VV | 975  | 17273 | 0.15% | 0.005% |
| 93  | 7.525 | 7.513 | 7.557 | VV | 473  | 8485  | 0.07% | 0.002% |
| 94  | 7.573 | 7.557 | 7.613 | VV | 528  | 10078 | 0.09% | 0.003% |
| 95  | 7.632 | 7.613 | 7.651 | VV | 1016 | 11181 | 0.10% | 0.003% |
| 96  | 7.668 | 7.651 | 7.684 | VV | 549  | 7994  | 0.07% | 0.002% |
| 97  | 7.700 | 7.684 | 7.738 | VV | 380  | 8872  | 0.08% | 0.002% |
| 98  | 7.745 | 7.738 | 7.768 | VV | 275  | 4830  | 0.04% | 0.001% |
| 99  | 7.801 | 7.768 | 7.833 | VV | 735  | 16261 | 0.14% | 0.004% |
| 100 | 7.844 | 7.833 | 7.855 | VV | 231  | 2540  | 0.02% | 0.001% |
| 101 | 7.862 | 7.855 | 7.904 | VV | 262  | 4503  | 0.04% | 0.001% |
| 102 | 7.922 | 7.904 | 7.951 | VV | 206  | 4070  | 0.03% | 0.001% |
| 103 | 7.981 | 7.951 | 8.013 | VV | 369  | 8178  | 0.07% | 0.002% |
| 104 | 8.034 | 8.013 | 8.054 | PV | 174  | 2625  | 0.02% | 0.001% |
| 105 | 8.219 | 8.204 | 8.312 | VV | 1397 | 58683 | 0.50% | 0.016% |
| 106 | 8.323 | 8.312 | 8.356 | VV | 419  | 9483  | 0.08% | 0.003% |
| 107 | 8.417 | 8.356 | 8.459 | VV | 694  | 28035 | 0.24% | 0.008% |
| 108 | 8.467 | 8.459 | 8.476 | VV | 307  | 2994  | 0.03% | 0.001% |
| 109 | 8.506 | 8.476 | 8.550 | VV | 941  | 25346 | 0.22% | 0.007% |
| 110 | 8.615 | 8.550 | 8.630 | VV | 1722 | 39202 | 0.33% | 0.011% |
| 111 | 8.644 | 8.630 | 8.657 | VV | 1309 | 14240 | 0.12% | 0.004% |
| 112 | 8.682 | 8.657 | 8.748 | VV | 2311 | 54298 | 0.46% | 0.015% |
| 113 | 8.804 | 8.748 | 8.841 | VV | 4598 | 81264 | 0.69% | 0.022% |
| 114 | 8.854 | 8.841 | 8.878 | VV | 863  | 12096 | 0.10% | 0.003% |
| 115 | 8.894 | 8.878 | 8.908 | VV | 447  | 5852  | 0.05% | 0.002% |
| 116 | 8.913 | 8.908 | 8.958 | VV | 366  | 4656  | 0.04% | 0.001% |
| 117 | 9.101 | 9.088 | 9.135 | VV | 2315 | 42335 | 0.36% | 0.011% |
| 118 | 9.154 | 9.135 | 9.172 | VV | 1393 | 23750 | 0.20% | 0.006% |
| 119 | 9.181 | 9.172 | 9.205 | VV | 925  | 15092 | 0.13% | 0.004% |
| 120 | 9.225 | 9.205 | 9.248 | VV | 1312 | 19764 | 0.17% | 0.005% |
| 121 | 9.263 | 9.248 | 9.288 | VV | 438  | 8216  | 0.07% | 0.002% |
| 122 | 9.344 | 9.288 | 9.363 | VV | 1095 | 26280 | 0.22% | 0.007% |
| 123 | 9.379 | 9.363 | 9.395 | VV | 1089 | 13819 | 0.12% | 0.004% |
| 124 | 9.421 | 9.395 | 9.482 | VV | 2429 | 63932 | 0.55% | 0.017% |
| 125 | 9.515 | 9.482 | 9.537 | VV | 3064 | 42855 | 0.37% | 0.012% |
| 126 | 9.556 | 9.537 | 9.604 | VV | 1696 | 28233 | 0.24% | 0.008% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 127 | 9.614  | 9.604  | 9.641  | VV | 544    | 6441    | 0.05%  | 0.002% |
| 128 | 9.673  | 9.641  | 9.691  | PV | 1617   | 20065   | 0.17%  | 0.005% |
| 129 | 9.705  | 9.691  | 9.739  | VV | 1198   | 15729   | 0.13%  | 0.004% |
| 130 | 9.759  | 9.739  | 9.778  | VV | 1113   | 13637   | 0.12%  | 0.004% |
| 131 | 9.811  | 9.778  | 9.829  | VV | 1323   | 19482   | 0.17%  | 0.005% |
| 132 | 9.853  | 9.829  | 9.875  | VV | 1431   | 24520   | 0.21%  | 0.007% |
| 133 | 9.895  | 9.875  | 9.909  | VV | 2710   | 32870   | 0.28%  | 0.009% |
| 134 | 9.917  | 9.909  | 9.945  | VV | 1700   | 23882   | 0.20%  | 0.006% |
| 135 | 9.975  | 9.945  | 10.004 | VV | 2023   | 33996   | 0.29%  | 0.009% |
| 136 | 10.044 | 10.004 | 10.063 | VV | 1636   | 30668   | 0.26%  | 0.008% |
| 137 | 10.076 | 10.063 | 10.090 | VV | 1028   | 13975   | 0.12%  | 0.004% |
| 138 | 10.102 | 10.090 | 10.124 | VV | 904    | 13726   | 0.12%  | 0.004% |
| 139 | 10.173 | 10.124 | 10.205 | VV | 36365  | 424542  | 3.62%  | 0.115% |
| 140 | 10.220 | 10.205 | 10.280 | VV | 2394   | 66855   | 0.57%  | 0.018% |
| 141 | 10.300 | 10.280 | 10.372 | VV | 3697   | 72010   | 0.61%  | 0.020% |
| 142 | 10.413 | 10.372 | 10.450 | VV | 734    | 15746   | 0.13%  | 0.004% |
| 143 | 10.480 | 10.450 | 10.534 | PV | 845    | 17449   | 0.15%  | 0.005% |
| 144 | 10.576 | 10.534 | 10.594 | PV | 519    | 7392    | 0.06%  | 0.002% |
| 145 | 10.647 | 10.594 | 10.671 | VV | 2716   | 42773   | 0.36%  | 0.012% |
| 146 | 10.691 | 10.671 | 10.714 | VV | 2249   | 31576   | 0.27%  | 0.009% |
| 147 | 10.753 | 10.714 | 10.764 | VV | 2033   | 34569   | 0.29%  | 0.009% |
| 148 | 10.780 | 10.764 | 10.806 | VV | 2825   | 40180   | 0.34%  | 0.011% |
| 149 | 10.826 | 10.806 | 10.868 | VV | 2316   | 37358   | 0.32%  | 0.010% |
| 150 | 10.902 | 10.868 | 10.935 | VV | 1929   | 44517   | 0.38%  | 0.012% |
| 151 | 10.962 | 10.935 | 10.984 | VV | 2486   | 46537   | 0.40%  | 0.013% |
| 152 | 10.996 | 10.984 | 11.014 | VV | 1448   | 20992   | 0.18%  | 0.006% |
| 153 | 11.041 | 11.014 | 11.061 | VV | 4973   | 70999   | 0.61%  | 0.019% |
| 154 | 11.071 | 11.061 | 11.087 | VV | 1773   | 19465   | 0.17%  | 0.005% |
| 155 | 11.113 | 11.087 | 11.159 | VV | 5203   | 86832   | 0.74%  | 0.024% |
| 156 | 11.178 | 11.159 | 11.224 | VV | 872    | 20259   | 0.17%  | 0.005% |
| 157 | 11.271 | 11.224 | 11.284 | PV | 1051   | 20394   | 0.17%  | 0.006% |
| 158 | 11.310 | 11.284 | 11.355 | VV | 16020  | 205012  | 1.75%  | 0.056% |
| 159 | 11.385 | 11.355 | 11.422 | VV | 10336  | 138750  | 1.18%  | 0.038% |
| 160 | 11.440 | 11.422 | 11.471 | VV | 1378   | 24761   | 0.21%  | 0.007% |
| 161 | 11.496 | 11.471 | 11.508 | VV | 821    | 10753   | 0.09%  | 0.003% |
| 162 | 11.520 | 11.508 | 11.538 | VV | 776    | 8556    | 0.07%  | 0.002% |
| 163 | 11.555 | 11.538 | 11.577 | PV | 554    | 7559    | 0.06%  | 0.002% |
| 164 | 11.612 | 11.577 | 11.641 | VV | 1770   | 35989   | 0.31%  | 0.010% |
| 165 | 11.677 | 11.641 | 11.691 | VV | 2026   | 34535   | 0.29%  | 0.009% |
| 166 | 11.707 | 11.691 | 11.726 | VV | 1684   | 30997   | 0.26%  | 0.008% |
| 167 | 11.749 | 11.726 | 11.771 | VV | 6259   | 84062   | 0.72%  | 0.023% |
| 168 | 11.800 | 11.771 | 11.813 | VV | 1670   | 31818   | 0.27%  | 0.009% |
| 169 | 11.838 | 11.813 | 11.871 | VV | 8239   | 117874  | 1.01%  | 0.032% |
| 170 | 11.906 | 11.871 | 11.931 | VV | 1789   | 24208   | 0.21%  | 0.007% |
| 171 | 11.966 | 11.931 | 11.986 | PV | 4055   | 61784   | 0.53%  | 0.017% |
| 172 | 12.005 | 11.986 | 12.025 | VV | 1999   | 31451   | 0.27%  | 0.009% |
| 173 | 12.078 | 12.025 | 12.104 | VV | 467566 | 5159012 | 44.02% | 1.398% |
| 174 | 12.115 | 12.104 | 12.131 | VV | 7761   | 89040   | 0.76%  | 0.024% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 175 | 12.148 | 12.131 | 12.174 | VV | 9317   | 114301  | 0.98%  | 0.031% |
| 176 | 12.233 | 12.174 | 12.249 | VV | 6735   | 141580  | 1.21%  | 0.038% |
| 177 | 12.266 | 12.249 | 12.282 | VV | 8697   | 101838  | 0.87%  | 0.028% |
| 178 | 12.298 | 12.282 | 12.343 | VV | 8535   | 108477  | 0.93%  | 0.029% |
| 179 | 12.361 | 12.343 | 12.378 | PV | 1200   | 15703   | 0.13%  | 0.004% |
| 180 | 12.421 | 12.378 | 12.443 | VV | 8637   | 136902  | 1.17%  | 0.037% |
| 181 | 12.455 | 12.443 | 12.466 | VV | 2110   | 23694   | 0.20%  | 0.006% |
| 182 | 12.480 | 12.466 | 12.501 | VV | 1925   | 26407   | 0.23%  | 0.007% |
| 183 | 12.519 | 12.501 | 12.542 | VV | 4246   | 49564   | 0.42%  | 0.013% |
| 184 | 12.588 | 12.542 | 12.603 | VV | 2226   | 30414   | 0.26%  | 0.008% |
| 185 | 12.621 | 12.603 | 12.633 | VV | 2353   | 24637   | 0.21%  | 0.007% |
| 186 | 12.666 | 12.633 | 12.710 | VV | 26013  | 360376  | 3.07%  | 0.098% |
| 187 | 12.734 | 12.710 | 12.748 | VV | 1713   | 23899   | 0.20%  | 0.006% |
| 188 | 12.767 | 12.748 | 12.780 | VV | 2958   | 31500   | 0.27%  | 0.009% |
| 189 | 12.800 | 12.780 | 12.851 | VV | 5998   | 128145  | 1.09%  | 0.035% |
| 190 | 12.881 | 12.851 | 12.892 | VV | 2786   | 58439   | 0.50%  | 0.016% |
| 191 | 12.911 | 12.892 | 12.948 | VV | 4801   | 95031   | 0.81%  | 0.026% |
| 192 | 13.021 | 12.948 | 13.040 | PV | 14351  | 262767  | 2.24%  | 0.071% |
| 193 | 13.062 | 13.040 | 13.110 | VV | 17034  | 334590  | 2.85%  | 0.091% |
| 194 | 13.138 | 13.110 | 13.178 | VV | 44402  | 567957  | 4.85%  | 0.154% |
| 195 | 13.195 | 13.178 | 13.218 | VV | 1585   | 25479   | 0.22%  | 0.007% |
| 196 | 13.242 | 13.218 | 13.250 | VV | 2476   | 31729   | 0.27%  | 0.009% |
| 197 | 13.268 | 13.250 | 13.306 | VV | 4342   | 95278   | 0.81%  | 0.026% |
| 198 | 13.329 | 13.306 | 13.348 | VV | 5485   | 85089   | 0.73%  | 0.023% |
| 199 | 13.387 | 13.348 | 13.409 | VV | 4674   | 106889  | 0.91%  | 0.029% |
| 200 | 13.439 | 13.409 | 13.477 | PV | 46572  | 603969  | 5.15%  | 0.164% |
| 201 | 13.514 | 13.477 | 13.589 | VV | 354834 | 4338417 | 37.02% | 1.176% |
| 202 | 13.622 | 13.589 | 13.638 | VV | 6095   | 102186  | 0.87%  | 0.028% |
| 203 | 13.647 | 13.638 | 13.661 | VV | 3441   | 37467   | 0.32%  | 0.010% |
| 204 | 13.680 | 13.661 | 13.723 | VV | 15205  | 277393  | 2.37%  | 0.075% |
| 205 | 13.744 | 13.723 | 13.754 | VV | 5715   | 95794   | 0.82%  | 0.026% |
| 206 | 13.771 | 13.754 | 13.817 | VV | 8653   | 175164  | 1.49%  | 0.047% |
| 207 | 13.837 | 13.817 | 13.847 | VV | 4405   | 51454   | 0.44%  | 0.014% |
| 208 | 13.865 | 13.847 | 13.881 | VV | 5817   | 85563   | 0.73%  | 0.023% |
| 209 | 13.904 | 13.881 | 13.929 | VV | 9153   | 159135  | 1.36%  | 0.043% |
| 210 | 13.956 | 13.929 | 13.973 | VV | 4809   | 99266   | 0.85%  | 0.027% |
| 211 | 13.989 | 13.973 | 14.000 | VV | 4811   | 65175   | 0.56%  | 0.018% |
| 212 | 14.030 | 14.000 | 14.053 | VV | 14376  | 255558  | 2.18%  | 0.069% |
| 213 | 14.074 | 14.053 | 14.084 | VV | 5924   | 91950   | 0.78%  | 0.025% |
| 214 | 14.101 | 14.084 | 14.113 | VV | 5640   | 82480   | 0.70%  | 0.022% |
| 215 | 14.141 | 14.113 | 14.162 | VV | 9085   | 177537  | 1.51%  | 0.048% |
| 216 | 14.180 | 14.162 | 14.195 | VV | 10809  | 151081  | 1.29%  | 0.041% |
| 217 | 14.209 | 14.195 | 14.243 | VV | 9321   | 208054  | 1.78%  | 0.056% |
| 218 | 14.267 | 14.243 | 14.289 | VV | 22033  | 362601  | 3.09%  | 0.098% |
| 219 | 14.309 | 14.289 | 14.331 | VV | 14081  | 255471  | 2.18%  | 0.069% |
| 220 | 14.350 | 14.331 | 14.374 | VV | 8933   | 136003  | 1.16%  | 0.037% |
| 221 | 14.412 | 14.374 | 14.447 | VV | 4542   | 118984  | 1.02%  | 0.032% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 14.492 | 14.447 | 14.533 | VV | 5063   | 118610  | 1.01%  | 0.032% |
| 223 | 14.577 | 14.533 | 14.608 | PV | 1981   | 49738   | 0.42%  | 0.013% |
| 224 | 14.685 | 14.608 | 14.714 | VV | 3481   | 107152  | 0.91%  | 0.029% |
| 225 | 14.768 | 14.714 | 14.781 | VV | 6948   | 155031  | 1.32%  | 0.042% |
| 226 | 14.792 | 14.781 | 14.810 | VV | 6325   | 63287   | 0.54%  | 0.017% |
| 227 | 14.833 | 14.810 | 14.856 | PV | 21526  | 267025  | 2.28%  | 0.072% |
| 228 | 14.872 | 14.856 | 14.882 | VV | 4614   | 53994   | 0.46%  | 0.015% |
| 229 | 14.904 | 14.882 | 14.923 | VV | 6246   | 115035  | 0.98%  | 0.031% |
| 230 | 14.951 | 14.923 | 14.991 | VV | 9694   | 186280  | 1.59%  | 0.050% |
| 231 | 15.014 | 14.991 | 15.035 | VV | 8317   | 105756  | 0.90%  | 0.029% |
| 232 | 15.076 | 15.035 | 15.092 | VV | 3672   | 90382   | 0.77%  | 0.024% |
| 233 | 15.101 | 15.092 | 15.120 | VV | 3137   | 42367   | 0.36%  | 0.011% |
| 234 | 15.135 | 15.120 | 15.159 | VV | 4856   | 63337   | 0.54%  | 0.017% |
| 235 | 15.179 | 15.159 | 15.216 | PV | 2648   | 57549   | 0.49%  | 0.016% |
| 236 | 15.233 | 15.216 | 15.244 | VV | 3491   | 29422   | 0.25%  | 0.008% |
| 237 | 15.274 | 15.244 | 15.293 | PV | 6293   | 99865   | 0.85%  | 0.027% |
| 238 | 15.325 | 15.293 | 15.346 | VV | 27181  | 385515  | 3.29%  | 0.104% |
| 239 | 15.370 | 15.346 | 15.399 | VV | 45495  | 635389  | 5.42%  | 0.172% |
| 240 | 15.419 | 15.399 | 15.441 | VV | 5415   | 76509   | 0.65%  | 0.021% |
| 241 | 15.486 | 15.441 | 15.504 | VV | 8589   | 212275  | 1.81%  | 0.058% |
| 242 | 15.525 | 15.504 | 15.544 | VV | 6780   | 126712  | 1.08%  | 0.034% |
| 243 | 15.571 | 15.544 | 15.611 | VV | 5863   | 101056  | 0.86%  | 0.027% |
| 244 | 15.635 | 15.611 | 15.674 | PV | 6941   | 164901  | 1.41%  | 0.045% |
| 245 | 15.709 | 15.674 | 15.738 | VV | 4918   | 123284  | 1.05%  | 0.033% |
| 246 | 15.774 | 15.738 | 15.838 | PV | 18060  | 539664  | 4.60%  | 0.146% |
| 247 | 15.844 | 15.838 | 15.864 | VV | 3923   | 36126   | 0.31%  | 0.010% |
| 248 | 15.897 | 15.864 | 15.940 | PV | 28202  | 443057  | 3.78%  | 0.120% |
| 249 | 16.003 | 15.940 | 16.023 | VV | 16562  | 322984  | 2.76%  | 0.088% |
| 250 | 16.042 | 16.023 | 16.073 | VV | 10275  | 149492  | 1.28%  | 0.041% |
| 251 | 16.089 | 16.073 | 16.104 | VV | 2667   | 30716   | 0.26%  | 0.008% |
| 252 | 16.168 | 16.104 | 16.188 | VV | 10996  | 274955  | 2.35%  | 0.075% |
| 253 | 16.204 | 16.188 | 16.234 | VV | 6194   | 111778  | 0.95%  | 0.030% |
| 254 | 16.244 | 16.234 | 16.265 | VV | 3780   | 50426   | 0.43%  | 0.014% |
| 255 | 16.273 | 16.265 | 16.278 | VV | 2482   | 16253   | 0.14%  | 0.004% |
| 256 | 16.301 | 16.278 | 16.321 | VV | 6249   | 118848  | 1.01%  | 0.032% |
| 257 | 16.335 | 16.321 | 16.348 | VV | 7197   | 91002   | 0.78%  | 0.025% |
| 258 | 16.399 | 16.348 | 16.421 | VV | 34932  | 603065  | 5.15%  | 0.163% |
| 259 | 16.445 | 16.421 | 16.482 | VV | 11806  | 298672  | 2.55%  | 0.081% |
| 260 | 16.500 | 16.482 | 16.520 | VV | 6161   | 98890   | 0.84%  | 0.027% |
| 261 | 16.546 | 16.520 | 16.561 | VV | 3543   | 61446   | 0.52%  | 0.017% |
| 262 | 16.607 | 16.561 | 16.651 | VV | 11924  | 384330  | 3.28%  | 0.104% |
| 263 | 16.709 | 16.651 | 16.731 | VV | 13409  | 430289  | 3.67%  | 0.117% |
| 264 | 16.808 | 16.731 | 16.838 | VV | 18606  | 667795  | 5.70%  | 0.181% |
| 265 | 16.891 | 16.838 | 16.950 | VV | 64986  | 1608103 | 13.72% | 0.436% |
| 266 | 17.030 | 16.950 | 17.061 | VV | 26393  | 1240265 | 10.58% | 0.336% |
| 267 | 17.113 | 17.061 | 17.148 | VV | 28305  | 1048327 | 8.94%  | 0.284% |
| 268 | 17.220 | 17.148 | 17.253 | VV | 40950  | 1548260 | 13.21% | 0.420% |
| 269 | 17.277 | 17.253 | 17.307 | VV | 41107  | 859037  | 7.33%  | 0.233% |

|     |        |        |        |    |                 |         |        |        |
|-----|--------|--------|--------|----|-----------------|---------|--------|--------|
| 270 | 17.354 | 17.307 | 17.372 | VV | rteres<br>60100 | 1302432 | 11.11% | 0.353% |
| 271 | 17.391 | 17.372 | 17.417 | VV | 42415           | 956968  | 8.17%  | 0.259% |
| 272 | 17.429 | 17.417 | 17.454 | VV | 31464           | 607040  | 5.18%  | 0.164% |
| 273 | 17.474 | 17.454 | 17.490 | VV | 28275           | 573439  | 4.89%  | 0.155% |
| 274 | 17.512 | 17.490 | 17.522 | VV | 31886           | 553258  | 4.72%  | 0.150% |
| 275 | 17.539 | 17.522 | 17.548 | VV | 33878           | 505104  | 4.31%  | 0.137% |
| 276 | 17.617 | 17.548 | 17.634 | VV | 43829           | 1920701 | 16.39% | 0.520% |
| 277 | 17.685 | 17.634 | 17.711 | VV | 49130           | 1915964 | 16.35% | 0.519% |
| 278 | 17.805 | 17.711 | 17.838 | VV | 88392           | 3914670 | 33.40% | 1.061% |
| 279 | 17.861 | 17.838 | 17.877 | VV | 44856           | 971449  | 8.29%  | 0.263% |
| 280 | 17.892 | 17.877 | 17.913 | VV | 47756           | 923487  | 7.88%  | 0.250% |
| 281 | 17.944 | 17.913 | 17.968 | VV | 56722           | 1523531 | 13.00% | 0.413% |
| 282 | 17.998 | 17.968 | 18.021 | VV | 49501           | 1343756 | 11.47% | 0.364% |
| 283 | 18.035 | 18.021 | 18.052 | VV | 42544           | 725233  | 6.19%  | 0.197% |
| 284 | 18.066 | 18.052 | 18.073 | VV | 42131           | 522680  | 4.46%  | 0.142% |
| 285 | 18.092 | 18.073 | 18.115 | VV | 46967           | 1058033 | 9.03%  | 0.287% |
| 286 | 18.166 | 18.115 | 18.184 | VV | 58076           | 1966500 | 16.78% | 0.533% |
| 287 | 18.245 | 18.184 | 18.291 | VV | 107764          | 4222733 | 36.03% | 1.144% |
| 288 | 18.314 | 18.291 | 18.331 | VV | 52749           | 1223848 | 10.44% | 0.332% |
| 289 | 18.348 | 18.331 | 18.360 | VV | 53377           | 901873  | 7.70%  | 0.244% |
| 290 | 18.412 | 18.360 | 18.432 | VV | 123544          | 3487463 | 29.76% | 0.945% |
| 291 | 18.441 | 18.432 | 18.484 | VV | 76035           | 2110070 | 18.00% | 0.572% |
| 292 | 18.512 | 18.484 | 18.523 | VV | 67350           | 1466532 | 12.51% | 0.397% |
| 293 | 18.527 | 18.523 | 18.536 | VV | 63122           | 490470  | 4.18%  | 0.133% |
| 294 | 18.668 | 18.536 | 18.717 | VV | 127763          | 8536713 | 72.84% | 2.313% |
| 295 | 18.782 | 18.717 | 18.805 | VV | 136515          | 4926022 | 42.03% | 1.335% |
| 296 | 18.817 | 18.805 | 18.829 | VV | 99592           | 1384658 | 11.81% | 0.375% |
| 297 | 18.853 | 18.829 | 18.894 | VV | 89825           | 3322556 | 28.35% | 0.900% |
| 298 | 18.922 | 18.894 | 18.986 | VV | 102501          | 4989723 | 42.58% | 1.352% |
| 299 | 19.010 | 18.986 | 19.030 | VV | 93017           | 2289366 | 19.53% | 0.620% |
| 300 | 19.049 | 19.030 | 19.057 | VV | 97627           | 1485028 | 12.67% | 0.402% |
| 301 | 19.082 | 19.057 | 19.134 | VV | 148174          | 5125077 | 43.73% | 1.389% |
| 302 | 19.155 | 19.134 | 19.164 | VV | 101576          | 1701538 | 14.52% | 0.461% |
| 303 | 19.205 | 19.164 | 19.233 | VV | 149569          | 4820527 | 41.13% | 1.306% |
| 304 | 19.255 | 19.233 | 19.284 | VV | 138871          | 3637855 | 31.04% | 0.986% |
| 305 | 19.295 | 19.284 | 19.314 | VV | 109215          | 1885938 | 16.09% | 0.511% |
| 306 | 19.346 | 19.314 | 19.362 | VV | 116937          | 3093085 | 26.39% | 0.838% |
| 307 | 19.372 | 19.362 | 19.398 | VV | 116480          | 2425930 | 20.70% | 0.657% |
| 308 | 19.482 | 19.398 | 19.511 | VV | 164686          | 8592250 | 73.31% | 2.328% |
| 309 | 19.540 | 19.511 | 19.574 | VV | 144684          | 4810029 | 41.04% | 1.303% |
| 310 | 19.605 | 19.574 | 19.644 | VV | 154748          | 5751934 | 49.08% | 1.559% |
| 311 | 19.677 | 19.644 | 19.688 | VV | 137368          | 3436822 | 29.33% | 0.931% |
| 312 | 19.695 | 19.688 | 19.701 | VV | 134150          | 1049707 | 8.96%  | 0.284% |
| 313 | 19.777 | 19.701 | 19.801 | VV | 146787          | 8140921 | 69.46% | 2.206% |
| 314 | 19.868 | 19.801 | 19.898 | VV | 193027          | 8791294 | 75.01% | 2.382% |
| 315 | 19.921 | 19.898 | 19.948 | VV | 176474          | 4888176 | 41.71% | 1.325% |
| 316 | 20.012 | 19.948 | 20.042 | VV | 185441          | 9464879 | 80.76% | 2.565% |

|     |        |        |        |    | rteres |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
| 317 | 20.056 | 20.042 | 20.076 | VV | 166872 | 3251737  | 27.75%  | 0.881% |
| 318 | 20.107 | 20.076 | 20.127 | VV | 169864 | 5008618  | 42.74%  | 1.357% |
| 319 | 20.191 | 20.127 | 20.203 | VV | 174309 | 7439559  | 63.48%  | 2.016% |
| 320 | 20.248 | 20.203 | 20.274 | VV | 250859 | 8747232  | 74.64%  | 2.370% |
|     |        |        |        |    |        |          |         |        |
| 321 | 20.311 | 20.274 | 20.348 | VV | 209600 | 8447739  | 72.08%  | 2.289% |
| 322 | 20.358 | 20.348 | 20.394 | VV | 183297 | 4928821  | 42.06%  | 1.336% |
| 323 | 20.402 | 20.394 | 20.408 | VV | 183513 | 1422239  | 12.14%  | 0.385% |
| 324 | 20.472 | 20.408 | 20.493 | VV | 199584 | 9562451  | 81.59%  | 2.591% |
| 325 | 20.540 | 20.493 | 20.587 | VV | 236065 | 11713095 | 99.94%  | 3.174% |
|     |        |        |        |    |        |          |         |        |
| 326 | 20.614 | 20.587 | 20.652 | VV | 235296 | 8319421  | 70.99%  | 2.254% |
| 327 | 20.659 | 20.652 | 20.681 | VV | 208515 | 3576159  | 30.51%  | 0.969% |
| 328 | 20.706 | 20.681 | 20.751 | VV | 235079 | 9107856  | 77.71%  | 2.468% |
| 329 | 20.769 | 20.751 | 20.828 | VV | 217864 | 9399319  | 80.20%  | 2.547% |
| 330 | 20.840 | 20.828 | 20.870 | VV | 201228 | 4906700  | 41.87%  | 1.330% |
|     |        |        |        |    |        |          |         |        |
| 331 | 20.887 | 20.870 | 20.917 | VV | 186289 | 5039727  | 43.00%  | 1.366% |
| 332 | 20.931 | 20.917 | 20.940 | VV | 179319 | 2390782  | 20.40%  | 0.648% |
| 333 | 20.988 | 20.940 | 21.040 | VV | 225432 | 11719723 | 100.00% | 3.176% |
| 334 | 21.051 | 21.040 | 21.096 | VV | 190749 | 6004099  | 51.23%  | 1.627% |
| 335 | 21.114 | 21.096 | 21.182 | VV | 178464 | 8376102  | 71.47%  | 2.270% |
|     |        |        |        |    |        |          |         |        |
| 336 | 21.190 | 21.182 | 21.212 | VV | 145110 | 2567263  | 21.91%  | 0.696% |
| 337 | 21.250 | 21.212 | 21.275 | VV | 157989 | 5880490  | 50.18%  | 1.593% |
| 338 | 21.284 | 21.275 | 21.302 | VV | 159089 | 2462517  | 21.01%  | 0.667% |
| 339 | 21.318 | 21.302 | 21.368 | VV | 165016 | 6145823  | 52.44%  | 1.665% |
| 340 | 21.393 | 21.368 | 21.460 | VV | 166866 | 7632490  | 65.13%  | 2.068% |
|     |        |        |        |    |        |          |         |        |
| 341 | 21.471 | 21.460 | 21.481 | VV | 114266 | 1354316  | 11.56%  | 0.367% |
| 342 | 21.494 | 21.481 | 21.521 | VV | 113954 | 2660013  | 22.70%  | 0.721% |
| 343 | 21.536 | 21.521 | 21.553 | VV | 112932 | 2027157  | 17.30%  | 0.549% |
| 344 | 21.601 | 21.553 | 21.610 | VV | 116079 | 3721498  | 31.75%  | 1.008% |
| 345 | 21.620 | 21.610 | 21.711 | VV | 118530 | 6503374  | 55.49%  | 1.762% |
|     |        |        |        |    |        |          |         |        |
| 346 | 21.716 | 21.711 | 21.757 | VV | 92641  | 2404734  | 20.52%  | 0.652% |
| 347 | 21.774 | 21.757 | 21.788 | VV | 87417  | 1535944  | 13.11%  | 0.416% |
| 348 | 21.798 | 21.788 | 21.817 | VV | 81851  | 1375350  | 11.74%  | 0.373% |
| 349 | 21.864 | 21.817 | 21.914 | VV | 101893 | 4880731  | 41.65%  | 1.323% |
| 350 | 21.924 | 21.914 | 21.932 | VV | 70615  | 740605   | 6.32%   | 0.201% |
|     |        |        |        |    |        |          |         |        |
| 351 | 21.943 | 21.932 | 21.964 | VV | 78154  | 1389512  | 11.86%  | 0.377% |
| 352 | 21.983 | 21.964 | 22.077 | VV | 83427  | 4276779  | 36.49%  | 1.159% |
| 353 | 22.096 | 22.077 | 22.111 | VV | 53266  | 987401   | 8.43%   | 0.268% |
| 354 | 22.121 | 22.111 | 22.154 | VV | 44787  | 1092547  | 9.32%   | 0.296% |
| 355 | 22.187 | 22.154 | 22.199 | VV | 42881  | 1027779  | 8.77%   | 0.278% |
|     |        |        |        |    |        |          |         |        |
| 356 | 22.215 | 22.199 | 22.241 | VV | 34873  | 762992   | 6.51%   | 0.207% |
| 357 | 22.267 | 22.241 | 22.301 | VV | 42837  | 1158147  | 9.88%   | 0.314% |
| 358 | 22.351 | 22.301 | 22.362 | VV | 39579  | 1162446  | 9.92%   | 0.315% |
| 359 | 22.386 | 22.362 | 22.435 | VV | 51525  | 1569020  | 13.39%  | 0.425% |
| 360 | 22.448 | 22.435 | 22.491 | VV | 18980  | 454821   | 3.88%   | 0.123% |

Sum of corrected areas: 369041229