

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051024AL\  
 Data File : FC066372.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 May 2024 11:53  
 Sample : P2415-01MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050124.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         | 3.409       | 3.355        | 3.424      | BV       | 45             | -1022        | -0.01%         | -0.001%       |
| 2         | 3.439       | 3.424        | 3.478      | PV       | 336            | 4241         | 0.06%          | 0.003%        |
| 3         | 3.495       | 3.478        | 3.504      | PV       | 165            | 1865         | 0.03%          | 0.001%        |
| 4         | 3.518       | 3.504        | 3.548      | VV       | 340            | 3163         | 0.04%          | 0.002%        |
| 5         | 3.556       | 3.548        | 3.564      | VV       | 124            | 742          | 0.01%          | 0.001%        |
| 6         | 3.595       | 3.564        | 3.613      | VV       | 511            | 9424         | 0.13%          | 0.007%        |
| 7         | 3.637       | 3.613        | 3.668      | VV       | 507            | 8542         | 0.12%          | 0.007%        |
| 8         | 3.688       | 3.668        | 3.732      | VV       | 406            | 6413         | 0.09%          | 0.005%        |
| 9         | 3.763       | 3.732        | 3.776      | PV       | 260            | 3546         | 0.05%          | 0.003%        |
| 10        | 3.807       | 3.776        | 3.819      | VV       | 276            | 3677         | 0.05%          | 0.003%        |
| 11        | 3.831       | 3.819        | 3.843      | VV       | 142            | 1829         | 0.02%          | 0.001%        |
| 12        | 3.858       | 3.843        | 3.872      | VV       | 215            | 2280         | 0.03%          | 0.002%        |
| 13        | 3.894       | 3.872        | 3.941      | VV       | 294            | 6996         | 0.09%          | 0.005%        |
| 14        | 3.985       | 3.941        | 3.997      | VV       | 1095           | 13662        | 0.18%          | 0.011%        |
| 15        | 4.011       | 3.997        | 4.061      | VV       | 1712           | 19359        | 0.26%          | 0.015%        |
| 16        | 4.078       | 4.061        | 4.099      | VV       | 387            | 4152         | 0.06%          | 0.003%        |
| 17        | 4.160       | 4.099        | 4.206      | VV       | 1319           | 26139        | 0.35%          | 0.020%        |
| 18        | 4.213       | 4.206        | 4.264      | VV       | 206            | 5048         | 0.07%          | 0.004%        |
| 19        | 4.309       | 4.264        | 4.350      | VV       | 305            | 10410        | 0.14%          | 0.008%        |
| 20        | 4.383       | 4.350        | 4.407      | VV       | 533641         | 4827536      | 65.11%         | 3.764%        |
| 21        | 4.423       | 4.407        | 4.471      | VV       | 27416          | 247809       | 3.34%          | 0.193%        |
| 22        | 4.498       | 4.471        | 4.514      | VV       | 491            | 8192         | 0.11%          | 0.006%        |
| 23        | 4.551       | 4.514        | 4.572      | VV       | 1912           | 24480        | 0.33%          | 0.019%        |
| 24        | 4.607       | 4.572        | 4.621      | VV       | 1590           | 20624        | 0.28%          | 0.016%        |
| 25        | 4.636       | 4.621        | 4.656      | VV       | 2908           | 28857        | 0.39%          | 0.023%        |
| 26        | 4.665       | 4.656        | 4.699      | VV       | 366            | 6057         | 0.08%          | 0.005%        |
| 27        | 4.711       | 4.699        | 4.725      | VV       | 269            | 3412         | 0.05%          | 0.003%        |
| 28        | 4.755       | 4.725        | 4.778      | VV       | 641            | 10294        | 0.14%          | 0.008%        |
| 29        | 4.795       | 4.778        | 4.815      | VV       | 399            | 5319         | 0.07%          | 0.004%        |
| 30        | 4.829       | 4.815        | 4.845      | VV       | 284            | 3693         | 0.05%          | 0.003%        |
| 31        | 4.854       | 4.845        | 4.898      | VV       | 274            | 4546         | 0.06%          | 0.004%        |

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|----|-------|-------|-------|----|--------|---------|--------|--------|
|    |       |       |       |    | rteres |         |        |        |
| 32 | 4.906 | 4.898 | 4.921 | VV | 141    | 1318    | 0.02%  | 0.001% |
| 33 | 4.939 | 4.921 | 4.959 | VV | 536    | 6484    | 0.09%  | 0.005% |
| 34 | 5.017 | 4.959 | 5.045 | VV | 7124   | 91464   | 1.23%  | 0.071% |
| 35 | 5.074 | 5.045 | 5.110 | VV | 1579   | 21061   | 0.28%  | 0.016% |
| 36 | 5.125 | 5.110 | 5.173 | VV | 359    | 6219    | 0.08%  | 0.005% |
| 37 | 5.210 | 5.173 | 5.223 | VV | 458    | 6575    | 0.09%  | 0.005% |
| 38 | 5.240 | 5.223 | 5.268 | VV | 548    | 8144    | 0.11%  | 0.006% |
| 39 | 5.300 | 5.268 | 5.339 | VV | 259    | 7592    | 0.10%  | 0.006% |
| 40 | 5.386 | 5.339 | 5.401 | VV | 328    | 7084    | 0.10%  | 0.006% |
| 41 | 5.420 | 5.401 | 5.440 | VV | 3088   | 32065   | 0.43%  | 0.025% |
| 42 | 5.462 | 5.440 | 5.488 | VV | 2455   | 26322   | 0.35%  | 0.021% |
| 43 | 5.519 | 5.488 | 5.541 | VV | 661    | 8916    | 0.12%  | 0.007% |
| 44 | 5.549 | 5.541 | 5.561 | VV | 161    | 1573    | 0.02%  | 0.001% |
| 45 | 5.603 | 5.561 | 5.636 | VV | 494    | 11667   | 0.16%  | 0.009% |
| 46 | 5.660 | 5.636 | 5.686 | VV | 2203   | 22229   | 0.30%  | 0.017% |
| 47 | 5.715 | 5.686 | 5.748 | VV | 411    | 7854    | 0.11%  | 0.006% |
| 48 | 5.766 | 5.748 | 5.821 | VV | 238    | 6463    | 0.09%  | 0.005% |
| 49 | 5.825 | 5.821 | 5.850 | VV | 154    | 1648    | 0.02%  | 0.001% |
| 50 | 5.871 | 5.850 | 5.898 | PV | 220    | 3692    | 0.05%  | 0.003% |
| 51 | 5.920 | 5.898 | 5.937 | VV | 181    | 3845    | 0.05%  | 0.003% |
| 52 | 5.966 | 5.937 | 5.995 | VV | 17402  | 167491  | 2.26%  | 0.131% |
| 53 | 6.019 | 5.995 | 6.040 | VV | 598    | 8797    | 0.12%  | 0.007% |
| 54 | 6.062 | 6.040 | 6.087 | VV | 1333   | 16065   | 0.22%  | 0.013% |
| 55 | 6.123 | 6.087 | 6.158 | VV | 665    | 11965   | 0.16%  | 0.009% |
| 56 | 6.193 | 6.158 | 6.235 | VV | 564    | 14637   | 0.20%  | 0.011% |
| 57 | 6.245 | 6.235 | 6.264 | VV | 278    | 3656    | 0.05%  | 0.003% |
| 58 | 6.292 | 6.264 | 6.314 | VV | 447    | 7634    | 0.10%  | 0.006% |
| 59 | 6.324 | 6.314 | 6.354 | VV | 228    | 3825    | 0.05%  | 0.003% |
| 60 | 6.405 | 6.354 | 6.448 | VV | 577754 | 5771341 | 77.84% | 4.500% |
| 61 | 6.452 | 6.448 | 6.464 | VV | 293    | 2097    | 0.03%  | 0.002% |
| 62 | 6.488 | 6.464 | 6.506 | VV | 1157   | 13760   | 0.19%  | 0.011% |
| 63 | 6.522 | 6.506 | 6.534 | VV | 672    | 7451    | 0.10%  | 0.006% |
| 64 | 6.552 | 6.534 | 6.573 | VV | 2007   | 23682   | 0.32%  | 0.018% |
| 65 | 6.586 | 6.573 | 6.607 | VV | 597    | 7445    | 0.10%  | 0.006% |
| 66 | 6.625 | 6.607 | 6.648 | VV | 1037   | 11278   | 0.15%  | 0.009% |
| 67 | 6.678 | 6.648 | 6.695 | VV | 173    | 2992    | 0.04%  | 0.002% |
| 68 | 6.723 | 6.695 | 6.755 | VV | 239    | 4379    | 0.06%  | 0.003% |
| 69 | 6.771 | 6.755 | 6.786 | VV | 259    | 3484    | 0.05%  | 0.003% |
| 70 | 6.797 | 6.786 | 6.820 | VV | 213    | 2676    | 0.04%  | 0.002% |
| 71 | 6.846 | 6.820 | 6.878 | VV | 1130   | 14993   | 0.20%  | 0.012% |
| 72 | 6.899 | 6.878 | 6.932 | VV | 1549   | 26566   | 0.36%  | 0.021% |
| 73 | 6.949 | 6.932 | 6.990 | VV | 1192   | 24431   | 0.33%  | 0.019% |
| 74 | 7.022 | 6.990 | 7.090 | VV | 14933  | 162378  | 2.19%  | 0.127% |
| 75 | 7.108 | 7.090 | 7.117 | PV | 227    | 2350    | 0.03%  | 0.002% |
| 76 | 7.132 | 7.117 | 7.161 | VV | 387    | 5539    | 0.07%  | 0.004% |
| 77 | 7.188 | 7.161 | 7.225 | VV | 4912   | 54602   | 0.74%  | 0.043% |
| 78 | 7.265 | 7.225 | 7.278 | VV | 622    | 12136   | 0.16%  | 0.009% |
| 79 | 7.295 | 7.278 | 7.306 | VV | 791    | 8978    | 0.12%  | 0.007% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 80  | 7.327 | 7.306 | 7.350 | VV | 3334   | 38447   | 0.52%  | 0.030% |
| 81  | 7.362 | 7.350 | 7.374 | VV | 392    | 3940    | 0.05%  | 0.003% |
| 82  | 7.393 | 7.374 | 7.405 | VV | 793    | 9898    | 0.13%  | 0.008% |
| 83  | 7.418 | 7.405 | 7.464 | VV | 971    | 11962   | 0.16%  | 0.009% |
| 84  | 7.493 | 7.464 | 7.521 | VV | 251    | 3817    | 0.05%  | 0.003% |
| 85  | 7.535 | 7.521 | 7.564 | PV | 215    | 3247    | 0.04%  | 0.003% |
| 86  | 7.590 | 7.564 | 7.615 | VV | 1971   | 23384   | 0.32%  | 0.018% |
| 87  | 7.637 | 7.615 | 7.664 | VV | 11076  | 109904  | 1.48%  | 0.086% |
| 88  | 7.679 | 7.664 | 7.715 | VV | 479    | 8922    | 0.12%  | 0.007% |
| 89  | 7.755 | 7.715 | 7.775 | VV | 442    | 10496   | 0.14%  | 0.008% |
| 90  | 7.780 | 7.775 | 7.795 | VV | 300    | 2908    | 0.04%  | 0.002% |
| 91  | 7.809 | 7.795 | 7.830 | VV | 288    | 4249    | 0.06%  | 0.003% |
| 92  | 7.851 | 7.830 | 7.875 | VV | 450    | 6147    | 0.08%  | 0.005% |
| 93  | 7.896 | 7.875 | 7.921 | VV | 2105   | 24766   | 0.33%  | 0.019% |
| 94  | 7.951 | 7.921 | 7.973 | VV | 2928   | 33959   | 0.46%  | 0.026% |
| 95  | 7.991 | 7.973 | 8.008 | VV | 435    | 6396    | 0.09%  | 0.005% |
| 96  | 8.018 | 8.008 | 8.036 | VV | 366    | 4295    | 0.06%  | 0.003% |
| 97  | 8.059 | 8.036 | 8.081 | VV | 291    | 6004    | 0.08%  | 0.005% |
| 98  | 8.106 | 8.081 | 8.128 | VV | 1182   | 16735   | 0.23%  | 0.013% |
| 99  | 8.138 | 8.128 | 8.168 | VV | 312    | 6207    | 0.08%  | 0.005% |
| 100 | 8.203 | 8.168 | 8.270 | VV | 597055 | 6458718 | 87.11% | 5.036% |
| 101 | 8.303 | 8.270 | 8.334 | VV | 13068  | 147320  | 1.99%  | 0.115% |
| 102 | 8.351 | 8.334 | 8.372 | VV | 760    | 10765   | 0.15%  | 0.008% |
| 103 | 8.394 | 8.372 | 8.416 | VV | 737    | 10360   | 0.14%  | 0.008% |
| 104 | 8.435 | 8.416 | 8.471 | VV | 946    | 11616   | 0.16%  | 0.009% |
| 105 | 8.500 | 8.471 | 8.528 | PV | 41144  | 417372  | 5.63%  | 0.325% |
| 106 | 8.551 | 8.528 | 8.569 | VV | 860    | 14451   | 0.19%  | 0.011% |
| 107 | 8.600 | 8.569 | 8.632 | VV | 13384  | 146823  | 1.98%  | 0.114% |
| 108 | 8.661 | 8.632 | 8.676 | VV | 1050   | 19433   | 0.26%  | 0.015% |
| 109 | 8.690 | 8.676 | 8.705 | VV | 988    | 13210   | 0.18%  | 0.010% |
| 110 | 8.712 | 8.705 | 8.720 | VV | 770    | 6568    | 0.09%  | 0.005% |
| 111 | 8.740 | 8.720 | 8.781 | VV | 1697   | 36601   | 0.49%  | 0.029% |
| 112 | 8.804 | 8.781 | 8.835 | VV | 807    | 10440   | 0.14%  | 0.008% |
| 113 | 8.855 | 8.835 | 8.878 | VV | 683    | 8669    | 0.12%  | 0.007% |
| 114 | 8.920 | 8.878 | 8.941 | VV | 3735   | 50513   | 0.68%  | 0.039% |
| 115 | 8.960 | 8.941 | 8.985 | VV | 1712   | 32490   | 0.44%  | 0.025% |
| 116 | 8.994 | 8.985 | 9.008 | VV | 1218   | 16194   | 0.22%  | 0.013% |
| 117 | 9.040 | 9.008 | 9.090 | VV | 4359   | 90307   | 1.22%  | 0.070% |
| 118 | 9.111 | 9.090 | 9.136 | VV | 1143   | 14117   | 0.19%  | 0.011% |
| 119 | 9.161 | 9.136 | 9.190 | VV | 728    | 9859    | 0.13%  | 0.008% |
| 120 | 9.263 | 9.190 | 9.275 | PV | 564    | 17375   | 0.23%  | 0.014% |
| 121 | 9.280 | 9.275 | 9.292 | VV | 555    | 4742    | 0.06%  | 0.004% |
| 122 | 9.324 | 9.292 | 9.348 | VV | 1472   | 26392   | 0.36%  | 0.021% |
| 123 | 9.384 | 9.348 | 9.424 | VV | 14980  | 180906  | 2.44%  | 0.141% |
| 124 | 9.443 | 9.424 | 9.469 | VV | 1162   | 15982   | 0.22%  | 0.012% |
| 125 | 9.483 | 9.469 | 9.505 | VV | 474    | 7248    | 0.10%  | 0.006% |
| 126 | 9.533 | 9.505 | 9.558 | VV | 1337   | 23415   | 0.32%  | 0.018% |

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|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 127 | 9.581  | 9.558  | 9.621  | VV | 4066   | 49266   | 0.66%   | 0.038% |
| 128 | 9.643  | 9.621  | 9.659  | VV | 367    | 6092    | 0.08%   | 0.005% |
| 129 | 9.669  | 9.659  | 9.684  | VV | 172    | 2017    | 0.03%   | 0.002% |
| 130 | 9.725  | 9.684  | 9.764  | VV | 1001   | 23365   | 0.32%   | 0.018% |
| 131 | 9.805  | 9.764  | 9.858  | VV | 622451 | 7060187 | 95.22%  | 5.505% |
| 132 | 9.877  | 9.858  | 9.940  | VV | 776    | 24126   | 0.33%   | 0.019% |
| 133 | 9.951  | 9.940  | 9.965  | VV | 395    | 4640    | 0.06%   | 0.004% |
| 134 | 9.971  | 9.965  | 9.997  | VV | 332    | 3915    | 0.05%   | 0.003% |
| 135 | 10.016 | 9.997  | 10.035 | VV | 45     | 661     | 0.01%   | 0.001% |
| 136 | 10.081 | 10.035 | 10.098 | PV | 504    | 8643    | 0.12%   | 0.007% |
| 137 | 10.124 | 10.098 | 10.138 | VV | 779    | 13667   | 0.18%   | 0.011% |
| 138 | 10.147 | 10.138 | 10.161 | VV | 548    | 6618    | 0.09%   | 0.005% |
| 139 | 10.196 | 10.161 | 10.215 | VV | 1165   | 23793   | 0.32%   | 0.019% |
| 140 | 10.235 | 10.215 | 10.255 | VV | 1026   | 16939   | 0.23%   | 0.013% |
| 141 | 10.280 | 10.255 | 10.324 | VV | 712    | 19100   | 0.26%   | 0.015% |
| 142 | 10.355 | 10.324 | 10.371 | VV | 351    | 7524    | 0.10%   | 0.006% |
| 143 | 10.405 | 10.371 | 10.417 | VV | 906    | 15330   | 0.21%   | 0.012% |
| 144 | 10.436 | 10.417 | 10.457 | VV | 974    | 18228   | 0.25%   | 0.014% |
| 145 | 10.481 | 10.457 | 10.508 | VV | 1292   | 28193   | 0.38%   | 0.022% |
| 146 | 10.540 | 10.508 | 10.577 | VV | 2045   | 44961   | 0.61%   | 0.035% |
| 147 | 10.599 | 10.577 | 10.611 | VV | 1132   | 16476   | 0.22%   | 0.013% |
| 148 | 10.624 | 10.611 | 10.643 | VV | 1175   | 19228   | 0.26%   | 0.015% |
| 149 | 10.671 | 10.643 | 10.700 | VV | 2639   | 48022   | 0.65%   | 0.037% |
| 150 | 10.714 | 10.700 | 10.724 | VV | 596    | 7699    | 0.10%   | 0.006% |
| 151 | 10.733 | 10.724 | 10.738 | VV | 614    | 4682    | 0.06%   | 0.004% |
| 152 | 10.784 | 10.738 | 10.813 | VV | 15123  | 179212  | 2.42%   | 0.140% |
| 153 | 10.858 | 10.813 | 10.893 | VV | 15621  | 187990  | 2.54%   | 0.147% |
| 154 | 10.914 | 10.893 | 10.943 | VV | 1546   | 26934   | 0.36%   | 0.021% |
| 155 | 10.968 | 10.943 | 11.015 | VV | 1489   | 35634   | 0.48%   | 0.028% |
| 156 | 11.048 | 11.015 | 11.086 | VV | 7242   | 90216   | 1.22%   | 0.070% |
| 157 | 11.101 | 11.086 | 11.141 | VV | 216    | 4603    | 0.06%   | 0.004% |
| 158 | 11.175 | 11.141 | 11.206 | VV | 1941   | 25504   | 0.34%   | 0.020% |
| 159 | 11.249 | 11.206 | 11.281 | VV | 621763 | 7414802 | 100.00% | 5.781% |
| 160 | 11.335 | 11.281 | 11.377 | VV | 593    | 21950   | 0.30%   | 0.017% |
| 161 | 11.401 | 11.377 | 11.420 | PV | 267    | 3396    | 0.05%   | 0.003% |
| 162 | 11.434 | 11.420 | 11.458 | PV | 242    | 3309    | 0.04%   | 0.003% |
| 163 | 11.468 | 11.458 | 11.507 | VV | 244    | 4862    | 0.07%   | 0.004% |
| 164 | 11.558 | 11.507 | 11.586 | VV | 11017  | 136066  | 1.84%   | 0.106% |
| 165 | 11.595 | 11.586 | 11.616 | VV | 569    | 9397    | 0.13%   | 0.007% |
| 166 | 11.636 | 11.616 | 11.661 | VV | 1177   | 18357   | 0.25%   | 0.014% |
| 167 | 11.720 | 11.661 | 11.751 | VV | 696    | 24031   | 0.32%   | 0.019% |
| 168 | 11.765 | 11.751 | 11.782 | VV | 351    | 4074    | 0.05%   | 0.003% |
| 169 | 11.812 | 11.782 | 11.831 | VV | 431    | 9484    | 0.13%   | 0.007% |
| 170 | 11.843 | 11.831 | 11.855 | VV | 640    | 7718    | 0.10%   | 0.006% |
| 171 | 11.910 | 11.855 | 11.936 | VV | 2014   | 52639   | 0.71%   | 0.041% |
| 172 | 11.960 | 11.936 | 11.985 | VV | 983    | 17758   | 0.24%   | 0.014% |
| 173 | 12.005 | 11.985 | 12.031 | VV | 639    | 10461   | 0.14%   | 0.008% |
| 174 | 12.070 | 12.031 | 12.095 | VV | 798    | 23106   | 0.31%   | 0.018% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 175 | 12.136 | 12.095 | 12.171 | VV | 1919   | 48478   | 0.65%  | 0.038% |
| 176 | 12.202 | 12.171 | 12.233 | VV | 885    | 23260   | 0.31%  | 0.018% |
| 177 | 12.250 | 12.233 | 12.269 | VV | 716    | 9049    | 0.12%  | 0.007% |
| 178 | 12.288 | 12.269 | 12.300 | VV | 360    | 5432    | 0.07%  | 0.004% |
| 179 | 12.380 | 12.300 | 12.400 | VV | 3547   | 77496   | 1.05%  | 0.060% |
| 180 | 12.419 | 12.400 | 12.455 | VV | 3190   | 48077   | 0.65%  | 0.037% |
| 181 | 12.494 | 12.455 | 12.518 | VV | 1992   | 28798   | 0.39%  | 0.022% |
| 182 | 12.560 | 12.518 | 12.586 | VV | 596444 | 7384886 | 99.60% | 5.758% |
| 183 | 12.601 | 12.586 | 12.642 | VV | 15782  | 178688  | 2.41%  | 0.139% |
| 184 | 12.656 | 12.642 | 12.693 | VV | 271    | 6351    | 0.09%  | 0.005% |
| 185 | 12.700 | 12.693 | 12.768 | VV | 164    | 3005    | 0.04%  | 0.002% |
| 186 | 12.841 | 12.768 | 12.858 | PV | 441    | 14102   | 0.19%  | 0.011% |
| 187 | 12.898 | 12.858 | 12.934 | VV | 15866  | 185624  | 2.50%  | 0.145% |
| 188 | 12.955 | 12.934 | 12.964 | VV | 949    | 12347   | 0.17%  | 0.010% |
| 189 | 13.001 | 12.964 | 13.038 | VV | 348007 | 4253189 | 57.36% | 3.316% |
| 190 | 13.056 | 13.038 | 13.083 | VV | 692    | 14666   | 0.20%  | 0.011% |
| 191 | 13.107 | 13.083 | 13.128 | VV | 558    | 12393   | 0.17%  | 0.010% |
| 192 | 13.172 | 13.128 | 13.206 | VV | 586414 | 7130208 | 96.16% | 5.560% |
| 193 | 13.221 | 13.206 | 13.268 | VV | 1039   | 27175   | 0.37%  | 0.021% |
| 194 | 13.286 | 13.268 | 13.347 | VV | 603    | 19977   | 0.27%  | 0.016% |
| 195 | 13.384 | 13.347 | 13.411 | VV | 750    | 22426   | 0.30%  | 0.017% |
| 196 | 13.451 | 13.411 | 13.486 | VV | 1069   | 34887   | 0.47%  | 0.027% |
| 197 | 13.508 | 13.486 | 13.526 | VV | 587    | 10775   | 0.15%  | 0.008% |
| 198 | 13.545 | 13.526 | 13.571 | VV | 964    | 16685   | 0.23%  | 0.013% |
| 199 | 13.597 | 13.571 | 13.647 | VV | 1377   | 32174   | 0.43%  | 0.025% |
| 200 | 13.701 | 13.647 | 13.718 | VV | 1962   | 36603   | 0.49%  | 0.029% |
| 201 | 13.758 | 13.718 | 13.834 | VV | 553200 | 7041145 | 94.96% | 5.490% |
| 202 | 13.845 | 13.834 | 13.864 | VV | 187    | 2222    | 0.03%  | 0.002% |
| 203 | 13.885 | 13.864 | 13.921 | VV | 241    | 3168    | 0.04%  | 0.002% |
| 204 | 13.972 | 13.921 | 14.025 | PV | 385    | 11730   | 0.16%  | 0.009% |
| 205 | 14.088 | 14.025 | 14.124 | VV | 316    | 12039   | 0.16%  | 0.009% |
| 206 | 14.144 | 14.124 | 14.157 | VV | 366    | 5300    | 0.07%  | 0.004% |
| 207 | 14.188 | 14.157 | 14.233 | VV | 2356   | 42668   | 0.58%  | 0.033% |
| 208 | 14.271 | 14.233 | 14.280 | VV | 510    | 12965   | 0.17%  | 0.010% |
| 209 | 14.315 | 14.280 | 14.353 | VV | 1695   | 33501   | 0.45%  | 0.026% |
| 210 | 14.376 | 14.353 | 14.391 | VV | 573    | 10470   | 0.14%  | 0.008% |
| 211 | 14.464 | 14.391 | 14.504 | VV | 868    | 45533   | 0.61%  | 0.036% |
| 212 | 14.514 | 14.504 | 14.549 | VV | 713    | 15700   | 0.21%  | 0.012% |
| 213 | 14.573 | 14.549 | 14.598 | VV | 837    | 20532   | 0.28%  | 0.016% |
| 214 | 14.635 | 14.598 | 14.651 | VV | 966    | 25879   | 0.35%  | 0.020% |
| 215 | 14.666 | 14.651 | 14.695 | VV | 1051   | 20156   | 0.27%  | 0.016% |
| 216 | 14.714 | 14.695 | 14.746 | VV | 727    | 18548   | 0.25%  | 0.014% |
| 217 | 14.775 | 14.746 | 14.796 | VV | 13343  | 167983  | 2.27%  | 0.131% |
| 218 | 14.817 | 14.796 | 14.829 | VV | 14796  | 172195  | 2.32%  | 0.134% |
| 219 | 14.861 | 14.829 | 14.935 | VV | 515930 | 6872068 | 92.68% | 5.358% |
| 220 | 14.947 | 14.935 | 14.961 | VV | 262    | 3821    | 0.05%  | 0.003% |
| 221 | 14.977 | 14.961 | 15.001 | VV | 207    | 2810    | 0.04%  | 0.002% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 15.035 | 15.001 | 15.085 | VV | 457    | 11059   | 0.15%  | 0.009% |
| 223 | 15.098 | 15.085 | 15.121 | VV | 188    | 2951    | 0.04%  | 0.002% |
| 224 | 15.131 | 15.121 | 15.150 | PV | 143    | 1378    | 0.02%  | 0.001% |
| 225 | 15.232 | 15.150 | 15.261 | VV | 496    | 11551   | 0.16%  | 0.009% |
| 226 | 15.285 | 15.261 | 15.303 | PV | 328    | 5574    | 0.08%  | 0.004% |
| 227 | 15.377 | 15.303 | 15.461 | VV | 2568   | 49347   | 0.67%  | 0.038% |
| 228 | 15.597 | 15.461 | 15.611 | VV | 519    | 30817   | 0.42%  | 0.024% |
| 229 | 15.614 | 15.611 | 15.655 | VV | 483    | 9045    | 0.12%  | 0.007% |
| 230 | 15.700 | 15.655 | 15.721 | VV | 812    | 22583   | 0.30%  | 0.018% |
| 231 | 15.739 | 15.721 | 15.803 | VV | 743    | 24749   | 0.33%  | 0.019% |
| 232 | 15.883 | 15.803 | 15.956 | VV | 484283 | 6711809 | 90.52% | 5.233% |
| 233 | 15.972 | 15.956 | 15.991 | VV | 237    | 3879    | 0.05%  | 0.003% |
| 234 | 16.085 | 15.991 | 16.127 | VV | 708    | 19295   | 0.26%  | 0.015% |
| 235 | 16.177 | 16.127 | 16.201 | PV | 460    | 11347   | 0.15%  | 0.009% |
| 236 | 16.237 | 16.201 | 16.285 | VV | 619    | 17545   | 0.24%  | 0.014% |
| 237 | 16.328 | 16.285 | 16.343 | PV | 12771  | 156405  | 2.11%  | 0.122% |
| 238 | 16.360 | 16.343 | 16.400 | VV | 16086  | 213826  | 2.88%  | 0.167% |
| 239 | 16.412 | 16.400 | 16.430 | VV | 350    | 5621    | 0.08%  | 0.004% |
| 240 | 16.453 | 16.430 | 16.461 | VV | 376    | 5689    | 0.08%  | 0.004% |
| 241 | 16.519 | 16.461 | 16.545 | VV | 605    | 22995   | 0.31%  | 0.018% |
| 242 | 16.577 | 16.545 | 16.601 | VV | 641    | 16627   | 0.22%  | 0.013% |
| 243 | 16.631 | 16.601 | 16.645 | VV | 629    | 12269   | 0.17%  | 0.010% |
| 244 | 16.708 | 16.645 | 16.745 | VV | 12443  | 184792  | 2.49%  | 0.144% |
| 245 | 16.833 | 16.745 | 16.898 | VV | 460051 | 6654996 | 89.75% | 5.189% |
| 246 | 16.917 | 16.898 | 16.985 | VV | 1232   | 50552   | 0.68%  | 0.039% |
| 247 | 17.068 | 16.985 | 17.121 | VV | 1665   | 92694   | 1.25%  | 0.072% |
| 248 | 17.281 | 17.121 | 17.308 | VV | 7112   | 222658  | 3.00%  | 0.174% |
| 249 | 17.318 | 17.308 | 17.335 | VV | 1425   | 19429   | 0.26%  | 0.015% |
| 250 | 17.397 | 17.335 | 17.427 | VV | 1863   | 73098   | 0.99%  | 0.057% |
| 251 | 17.439 | 17.427 | 17.444 | VV | 1143   | 11337   | 0.15%  | 0.009% |
| 252 | 17.474 | 17.444 | 17.505 | VV | 1460   | 40862   | 0.55%  | 0.032% |
| 253 | 17.521 | 17.505 | 17.535 | VV | 1160   | 18214   | 0.25%  | 0.014% |
| 254 | 17.563 | 17.535 | 17.579 | VV | 1488   | 32138   | 0.43%  | 0.025% |
| 255 | 17.609 | 17.579 | 17.641 | VV | 6324   | 113682  | 1.53%  | 0.089% |
| 256 | 17.722 | 17.641 | 17.774 | VV | 454083 | 6633327 | 89.46% | 5.172% |
| 257 | 17.804 | 17.774 | 17.815 | VV | 1070   | 21377   | 0.29%  | 0.017% |
| 258 | 17.836 | 17.815 | 17.848 | VV | 1494   | 26579   | 0.36%  | 0.021% |
| 259 | 17.881 | 17.848 | 17.940 | VV | 1662   | 67230   | 0.91%  | 0.052% |
| 260 | 17.957 | 17.940 | 17.979 | VV | 1070   | 15560   | 0.21%  | 0.012% |
| 261 | 18.010 | 17.979 | 18.041 | VV | 1002   | 27986   | 0.38%  | 0.022% |
| 262 | 18.074 | 18.041 | 18.097 | VV | 11597  | 169277  | 2.28%  | 0.132% |
| 263 | 18.120 | 18.097 | 18.174 | VV | 10841  | 275327  | 3.71%  | 0.215% |
| 264 | 18.188 | 18.174 | 18.208 | VV | 899    | 14193   | 0.19%  | 0.011% |
| 265 | 18.226 | 18.208 | 18.251 | VV | 965    | 17255   | 0.23%  | 0.013% |
| 266 | 18.328 | 18.251 | 18.356 | VV | 9566   | 146944  | 1.98%  | 0.115% |
| 267 | 18.371 | 18.356 | 18.388 | VV | 548    | 6014    | 0.08%  | 0.005% |
| 268 | 18.422 | 18.388 | 18.431 | VV | 418    | 6706    | 0.09%  | 0.005% |
| 269 | 18.447 | 18.431 | 18.471 | VV | 384    | 5360    | 0.07%  | 0.004% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 270 | 18.555 | 18.471 | 18.611 | VV | 457359 | 6416678 | 86.54% | 5.003% |
| 271 | 18.647 | 18.611 | 18.678 | VV | 773    | 17441   | 0.24%  | 0.014% |
| 272 | 18.699 | 18.678 | 18.741 | PV | 615    | 12224   | 0.16%  | 0.010% |
| 273 | 18.808 | 18.741 | 18.817 | VV | 533    | 13803   | 0.19%  | 0.011% |
| 274 | 18.831 | 18.817 | 18.841 | VV | 539    | 6760    | 0.09%  | 0.005% |
| 275 | 18.864 | 18.841 | 18.878 | VV | 1050   | 16195   | 0.22%  | 0.013% |
| 276 | 18.898 | 18.878 | 18.907 | VV | 909    | 13160   | 0.18%  | 0.010% |
| 277 | 18.947 | 18.907 | 19.006 | VV | 7023   | 125638  | 1.69%  | 0.098% |
| 278 | 19.051 | 19.006 | 19.088 | VV | 876    | 19469   | 0.26%  | 0.015% |
| 279 | 19.132 | 19.088 | 19.171 | PV | 916    | 35106   | 0.47%  | 0.027% |
| 280 | 19.239 | 19.171 | 19.247 | VV | 1431   | 51653   | 0.70%  | 0.040% |
| 281 | 19.268 | 19.247 | 19.280 | VV | 1457   | 25959   | 0.35%  | 0.020% |
| 282 | 19.339 | 19.280 | 19.398 | VV | 422273 | 6429033 | 86.71% | 5.013% |
| 283 | 19.484 | 19.398 | 19.511 | VV | 1584   | 90629   | 1.22%  | 0.071% |
| 284 | 19.520 | 19.511 | 19.531 | VV | 1373   | 15840   | 0.21%  | 0.012% |
| 285 | 19.635 | 19.531 | 19.661 | VV | 1930   | 117726  | 1.59%  | 0.092% |
| 286 | 19.710 | 19.661 | 19.786 | VV | 5265   | 197194  | 2.66%  | 0.154% |
| 287 | 19.805 | 19.786 | 19.828 | VV | 2230   | 51383   | 0.69%  | 0.040% |
| 288 | 19.877 | 19.828 | 19.891 | VV | 2816   | 90325   | 1.22%  | 0.070% |
| 289 | 19.980 | 19.891 | 20.017 | VV | 4879   | 260793  | 3.52%  | 0.203% |
| 290 | 20.080 | 20.017 | 20.125 | VV | 400331 | 6407601 | 86.42% | 4.996% |
| 291 | 20.134 | 20.125 | 20.182 | VV | 5095   | 155554  | 2.10%  | 0.121% |
| 292 | 20.192 | 20.182 | 20.199 | VV | 4328   | 43886   | 0.59%  | 0.034% |
| 293 | 20.239 | 20.199 | 20.247 | VV | 5028   | 134954  | 1.82%  | 0.105% |
| 294 | 20.292 | 20.247 | 20.308 | VV | 5278   | 186363  | 2.51%  | 0.145% |
| 295 | 20.319 | 20.308 | 20.331 | VV | 4922   | 66203   | 0.89%  | 0.052% |
| 296 | 20.339 | 20.331 | 20.351 | VV | 4933   | 57402   | 0.77%  | 0.045% |
| 297 | 20.378 | 20.351 | 20.395 | VV | 5145   | 125839  | 1.70%  | 0.098% |
| 298 | 20.431 | 20.395 | 20.501 | VV | 8057   | 354517  | 4.78%  | 0.276% |
| 299 | 20.551 | 20.501 | 20.571 | VV | 5588   | 208122  | 2.81%  | 0.162% |
| 300 | 20.581 | 20.571 | 20.591 | VV | 5388   | 63587   | 0.86%  | 0.050% |
| 301 | 20.606 | 20.591 | 20.647 | VV | 5408   | 166471  | 2.25%  | 0.130% |
| 302 | 20.658 | 20.647 | 20.668 | VV | 4569   | 55407   | 0.75%  | 0.043% |
| 303 | 20.672 | 20.668 | 20.702 | VV | 4483   | 84471   | 1.14%  | 0.066% |
| 304 | 20.816 | 20.702 | 20.884 | VV | 343609 | 6495547 | 87.60% | 5.065% |
| 305 | 20.921 | 20.884 | 20.931 | VV | 3803   | 104941  | 1.42%  | 0.082% |
| 306 | 20.945 | 20.931 | 20.969 | VV | 3819   | 83999   | 1.13%  | 0.065% |
| 307 | 20.976 | 20.969 | 20.992 | VV | 3608   | 49208   | 0.66%  | 0.038% |
| 308 | 21.040 | 20.992 | 21.107 | VV | 3912   | 247728  | 3.34%  | 0.193% |
| 309 | 21.129 | 21.107 | 21.138 | VV | 3733   | 66191   | 0.89%  | 0.052% |
| 310 | 21.162 | 21.138 | 21.175 | VV | 4021   | 83208   | 1.12%  | 0.065% |
| 311 | 21.183 | 21.175 | 21.205 | VV | 3763   | 63227   | 0.85%  | 0.049% |
| 312 | 21.237 | 21.205 | 21.283 | VV | 4893   | 166828  | 2.25%  | 0.130% |
| 313 | 21.291 | 21.283 | 21.301 | VV | 2507   | 26898   | 0.36%  | 0.021% |
| 314 | 21.311 | 21.301 | 21.338 | VV | 2419   | 51125   | 0.69%  | 0.040% |
| 315 | 21.371 | 21.338 | 21.425 | VV | 2677   | 119452  | 1.61%  | 0.093% |
| 316 | 21.434 | 21.425 | 21.444 | VV | 1832   | 18798   | 0.25%  | 0.015% |

|     |        |        |        |    |                         |           |        |        |
|-----|--------|--------|--------|----|-------------------------|-----------|--------|--------|
|     |        |        |        |    | rteres                  |           |        |        |
| 317 | 21.475 | 21.444 | 21.485 | VV | 1991                    | 42235     | 0.57%  | 0.033% |
| 318 | 21.496 | 21.485 | 21.525 | VV | 1881                    | 42712     | 0.58%  | 0.033% |
| 319 | 21.536 | 21.525 | 21.545 | VV | 1819                    | 20555     | 0.28%  | 0.016% |
| 320 | 21.552 | 21.545 | 21.568 | VV | 1906                    | 24157     | 0.33%  | 0.019% |
| 321 | 21.579 | 21.568 | 21.658 | VV | 1750                    | 63288     | 0.85%  | 0.049% |
| 322 | 21.728 | 21.658 | 21.794 | VV | 239343                  | 5949912   | 80.24% | 4.639% |
|     |        |        |        |    | Sum of corrected areas: | 128251097 |        |        |

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