

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032119AL\  
 Data File : FC040052.D  
 Signal(s) : FID1A.CH  
 Acq On : 22 Mar 2019 2:44  
 Sample : K1694-01DL 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022219.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         | 3.011       | 3.002        | 3.100      | PH       | 348            | 6859         | 0.28%          | 0.021%        |
| 2         | 3.118       | 3.100        | 3.133      | PV       | 231            | 2254         | 0.09%          | 0.007%        |
| 3         | 3.143       | 3.133        | 3.190      | VV       | 186            | 4323         | 0.18%          | 0.013%        |
| 4         | 3.206       | 3.190        | 3.215      | PV       | 219            | 2516         | 0.10%          | 0.008%        |
| 5         | 3.225       | 3.215        | 3.245      | VV       | 217            | 3002         | 0.12%          | 0.009%        |
| 6         | 3.258       | 3.245        | 3.293      | VV       | 373            | 6682         | 0.27%          | 0.020%        |
| 7         | 3.325       | 3.293        | 3.347      | VV       | 284            | 5665         | 0.23%          | 0.017%        |
| 8         | 3.371       | 3.347        | 3.407      | VV       | 443            | 7177         | 0.29%          | 0.022%        |
| 9         | 3.439       | 3.407        | 3.467      | VV       | 287            | 5644         | 0.23%          | 0.017%        |
| 10        | 3.523       | 3.467        | 3.554      | VV       | 352            | 8059         | 0.33%          | 0.024%        |
| 11        | 3.578       | 3.554        | 3.620      | VV       | 465            | 10295        | 0.42%          | 0.031%        |
| 12        | 3.663       | 3.620        | 3.679      | VV       | 540            | 9647         | 0.40%          | 0.029%        |
| 13        | 3.690       | 3.679        | 3.705      | VV       | 423            | 4715         | 0.19%          | 0.014%        |
| 14        | 3.716       | 3.705        | 3.737      | VV       | 262            | 4039         | 0.17%          | 0.012%        |
| 15        | 3.755       | 3.737        | 3.792      | VV       | 303            | 6002         | 0.25%          | 0.018%        |
| 16        | 3.806       | 3.792        | 3.820      | VV       | 187            | 2293         | 0.09%          | 0.007%        |
| 17        | 3.831       | 3.820        | 3.845      | VV       | 447            | 4024         | 0.17%          | 0.012%        |
| 18        | 3.855       | 3.845        | 3.885      | VV       | 378            | 5270         | 0.22%          | 0.016%        |
| 19        | 3.893       | 3.885        | 3.908      | VV       | 186            | 2096         | 0.09%          | 0.006%        |
| 20        | 3.922       | 3.908        | 3.939      | VV       | 178            | 1781         | 0.07%          | 0.005%        |
| 21        | 3.964       | 3.939        | 3.984      | VV       | 267            | 3597         | 0.15%          | 0.011%        |
| 22        | 4.006       | 3.984        | 4.025      | VV       | 239            | 3991         | 0.16%          | 0.012%        |
| 23        | 4.060       | 4.025        | 4.079      | VV       | 1074           | 13271        | 0.54%          | 0.040%        |
| 24        | 4.096       | 4.079        | 4.147      | VV       | 415            | 8314         | 0.34%          | 0.025%        |
| 25        | 4.168       | 4.147        | 4.190      | VV       | 223            | 2282         | 0.09%          | 0.007%        |
| 26        | 4.210       | 4.190        | 4.222      | PV       | 316            | 3258         | 0.13%          | 0.010%        |
| 27        | 4.239       | 4.222        | 4.266      | VV       | 365            | 6163         | 0.25%          | 0.019%        |
| 28        | 4.279       | 4.266        | 4.292      | VV       | 259            | 2568         | 0.11%          | 0.008%        |
| 29        | 4.307       | 4.292        | 4.340      | VV       | 880            | 13165        | 0.54%          | 0.040%        |
| 30        | 4.374       | 4.340        | 4.399      | VV       | 443            | 8719         | 0.36%          | 0.026%        |
| 31        | 4.435       | 4.399        | 4.455      | VV       | 437            | 9620         | 0.39%          | 0.029%        |
| 32        | 4.463       | 4.455        | 4.487      | VV       | 358            | 5221         | 0.21%          | 0.016%        |
| 33        | 4.505       | 4.487        | 4.542      | VV       | 989            | 12889        | 0.53%          | 0.039%        |
| 34        | 4.571       | 4.542        | 4.589      | PV       | 329            | 4765         | 0.20%          | 0.014%        |
| 35        | 4.602       | 4.589        | 4.635      | VV       | 316            | 3999         | 0.16%          | 0.012%        |
| 36        | 4.660       | 4.635        | 4.675      | VV       | 505            | 5844         | 0.24%          | 0.018%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 4.688 | 4.675 | 4.712 | VV | 614    | 7732  | 0.32% | 0.023% |
| 38 | 4.729 | 4.712 | 4.760 | VV | 644    | 12473 | 0.51% | 0.038% |
| 39 | 4.766 | 4.760 | 4.775 | VV | 541    | 3628  | 0.15% | 0.011% |
| 40 | 4.790 | 4.775 | 4.825 | VV | 546    | 8289  | 0.34% | 0.025% |
| 41 | 4.844 | 4.825 | 4.857 | PV | 169    | 1910  | 0.08% | 0.006% |
| 42 | 4.876 | 4.857 | 4.892 | VV | 484    | 5879  | 0.24% | 0.018% |
| 43 | 4.900 | 4.892 | 4.909 | VV | 321    | 2988  | 0.12% | 0.009% |
| 44 | 4.966 | 4.909 | 5.010 | VV | 534    | 22225 | 0.91% | 0.067% |
| 45 | 5.026 | 5.010 | 5.037 | VV | 362    | 3912  | 0.16% | 0.012% |
| 46 | 5.047 | 5.037 | 5.062 | VV | 257    | 2302  | 0.09% | 0.007% |
| 47 | 5.086 | 5.062 | 5.104 | VV | 2560   | 28776 | 1.18% | 0.087% |
| 48 | 5.112 | 5.104 | 5.147 | VV | 620    | 10593 | 0.43% | 0.032% |
| 49 | 5.156 | 5.147 | 5.174 | VV | 289    | 3487  | 0.14% | 0.011% |
| 50 | 5.181 | 5.174 | 5.190 | VV | 245    | 1995  | 0.08% | 0.006% |
| 51 | 5.197 | 5.190 | 5.213 | VV | 266    | 2545  | 0.10% | 0.008% |
| 52 | 5.242 | 5.213 | 5.257 | VV | 1091   | 12960 | 0.53% | 0.039% |
| 53 | 5.270 | 5.257 | 5.285 | VV | 591    | 7761  | 0.32% | 0.023% |
| 54 | 5.294 | 5.285 | 5.309 | VV | 330    | 3989  | 0.16% | 0.012% |
| 55 | 5.323 | 5.309 | 5.340 | VV | 533    | 6493  | 0.27% | 0.020% |
| 56 | 5.365 | 5.340 | 5.400 | VV | 1367   | 26783 | 1.10% | 0.081% |
| 57 | 5.444 | 5.400 | 5.512 | VV | 860    | 33093 | 1.36% | 0.100% |
| 58 | 5.528 | 5.512 | 5.557 | VV | 778    | 12191 | 0.50% | 0.037% |
| 59 | 5.578 | 5.557 | 5.610 | VV | 730    | 15680 | 0.64% | 0.047% |
| 60 | 5.638 | 5.610 | 5.693 | VV | 658    | 26554 | 1.09% | 0.080% |
| 61 | 5.719 | 5.693 | 5.730 | VV | 603    | 10790 | 0.44% | 0.033% |
| 62 | 5.751 | 5.730 | 5.770 | VV | 886    | 16622 | 0.68% | 0.050% |
| 63 | 5.783 | 5.770 | 5.806 | VV | 979    | 15043 | 0.62% | 0.045% |
| 64 | 5.830 | 5.806 | 5.844 | VV | 745    | 12268 | 0.50% | 0.037% |
| 65 | 5.854 | 5.844 | 5.864 | VV | 712    | 7426  | 0.30% | 0.022% |
| 66 | 5.881 | 5.864 | 5.914 | VV | 715    | 17995 | 0.74% | 0.054% |
| 67 | 5.935 | 5.914 | 5.962 | VV | 749    | 18305 | 0.75% | 0.055% |
| 68 | 5.981 | 5.962 | 6.032 | VV | 1102   | 28890 | 1.19% | 0.087% |
| 69 | 6.059 | 6.032 | 6.100 | VV | 1585   | 32460 | 1.33% | 0.098% |
| 70 | 6.138 | 6.100 | 6.152 | VV | 549    | 14400 | 0.59% | 0.043% |
| 71 | 6.168 | 6.152 | 6.184 | VV | 674    | 10882 | 0.45% | 0.033% |
| 72 | 6.203 | 6.184 | 6.257 | VV | 1977   | 38403 | 1.58% | 0.116% |
| 73 | 6.292 | 6.257 | 6.310 | VV | 701    | 16125 | 0.66% | 0.049% |
| 74 | 6.328 | 6.310 | 6.347 | VV | 865    | 13856 | 0.57% | 0.042% |
| 75 | 6.363 | 6.347 | 6.379 | VV | 1081   | 13396 | 0.55% | 0.040% |
| 76 | 6.388 | 6.379 | 6.412 | VV | 619    | 9992  | 0.41% | 0.030% |
| 77 | 6.438 | 6.412 | 6.471 | VV | 1423   | 29649 | 1.22% | 0.089% |
| 78 | 6.488 | 6.471 | 6.503 | VV | 823    | 11811 | 0.48% | 0.036% |
| 79 | 6.520 | 6.503 | 6.539 | VV | 887    | 13842 | 0.57% | 0.042% |
| 80 | 6.559 | 6.539 | 6.585 | VV | 1138   | 24593 | 1.01% | 0.074% |
| 81 | 6.608 | 6.585 | 6.635 | VV | 1037   | 24359 | 1.00% | 0.074% |
| 82 | 6.659 | 6.635 | 6.697 | VV | 1209   | 32646 | 1.34% | 0.099% |
| 83 | 6.709 | 6.697 | 6.722 | VV | 874    | 10881 | 0.45% | 0.033% |
| 84 | 6.750 | 6.722 | 6.784 | VV | 2628   | 42323 | 1.74% | 0.128% |
| 85 | 6.803 | 6.784 | 6.824 | VV | 1643   | 25195 | 1.03% | 0.076% |
| 86 | 6.841 | 6.824 | 6.879 | VV | 1058   | 25990 | 1.07% | 0.078% |
| 87 | 6.898 | 6.879 | 6.912 | VV | 816    | 14178 | 0.58% | 0.043% |
| 88 | 6.941 | 6.912 | 6.955 | VV | 1269   | 26314 | 1.08% | 0.079% |
| 89 | 6.971 | 6.955 | 7.000 | VV | 1824   | 31500 | 1.29% | 0.095% |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 90  | 7.013 | 7.000 | 7.035 | VV | 973    | 17258  | 0.71% | 0.052% |
| 91  | 7.047 | 7.035 | 7.080 | VV | 726    | 17033  | 0.70% | 0.051% |
| 92  | 7.137 | 7.080 | 7.167 | VV | 1432   | 43565  | 1.79% | 0.131% |
| 93  | 7.184 | 7.167 | 7.212 | VV | 796    | 15756  | 0.65% | 0.048% |
| 94  | 7.228 | 7.212 | 7.245 | VV | 928    | 13361  | 0.55% | 0.040% |
| 95  | 7.374 | 7.362 | 7.409 | VV | 2586   | 61714  | 2.53% | 0.186% |
| 96  | 7.421 | 7.409 | 7.467 | VV | 1936   | 53621  | 2.20% | 0.162% |
| 97  | 7.489 | 7.467 | 7.520 | VV | 1340   | 39758  | 1.63% | 0.120% |
| 98  | 7.550 | 7.520 | 7.567 | VV | 1772   | 39893  | 1.64% | 0.120% |
| 99  | 7.578 | 7.567 | 7.599 | VV | 1401   | 23165  | 0.95% | 0.070% |
| 100 | 7.654 | 7.599 | 7.679 | VV | 3154   | 72085  | 2.96% | 0.218% |
| 101 | 7.690 | 7.679 | 7.719 | VV | 1400   | 27032  | 1.11% | 0.082% |
| 102 | 7.748 | 7.719 | 7.767 | VV | 2312   | 47958  | 1.97% | 0.145% |
| 103 | 7.780 | 7.767 | 7.814 | VV | 1829   | 46850  | 1.92% | 0.141% |
| 104 | 7.834 | 7.814 | 7.867 | VV | 2347   | 49999  | 2.05% | 0.151% |
| 105 | 7.889 | 7.867 | 7.900 | VV | 1339   | 23762  | 0.98% | 0.072% |
| 106 | 7.927 | 7.900 | 7.944 | VV | 1788   | 40997  | 1.68% | 0.124% |
| 107 | 7.963 | 7.944 | 8.014 | VV | 2339   | 55645  | 2.28% | 0.168% |
| 108 | 8.033 | 8.014 | 8.081 | VV | 1197   | 37937  | 1.56% | 0.114% |
| 109 | 8.088 | 8.081 | 8.102 | VV | 649    | 7696   | 0.32% | 0.023% |
| 110 | 8.251 | 8.237 | 8.305 | VV | 3059   | 91002  | 3.73% | 0.275% |
| 111 | 8.320 | 8.305 | 8.344 | VV | 2093   | 41449  | 1.70% | 0.125% |
| 112 | 8.364 | 8.344 | 8.397 | VV | 3579   | 66481  | 2.73% | 0.201% |
| 113 | 8.421 | 8.397 | 8.442 | VV | 1655   | 37615  | 1.54% | 0.114% |
| 114 | 8.463 | 8.442 | 8.500 | VV | 1573   | 49662  | 2.04% | 0.150% |
| 115 | 8.530 | 8.500 | 8.553 | VV | 1629   | 47237  | 1.94% | 0.143% |
| 116 | 8.582 | 8.553 | 8.602 | VV | 1842   | 48762  | 2.00% | 0.147% |
| 117 | 8.650 | 8.602 | 8.705 | VV | 3319   | 140063 | 5.75% | 0.423% |
| 118 | 8.730 | 8.705 | 8.752 | VV | 2009   | 50413  | 2.07% | 0.152% |
| 119 | 8.780 | 8.752 | 8.802 | VV | 2567   | 60627  | 2.49% | 0.183% |
| 120 | 8.839 | 8.802 | 8.865 | VV | 2709   | 87156  | 3.58% | 0.263% |
| 121 | 8.917 | 8.865 | 8.945 | VV | 2901   | 112931 | 4.63% | 0.341% |
| 122 | 9.011 | 8.945 | 9.055 | VV | 3453   | 174054 | 7.14% | 0.525% |
| 123 | 9.070 | 9.055 | 9.131 | VV | 3291   | 119029 | 4.88% | 0.359% |
| 124 | 9.148 | 9.131 | 9.167 | VV | 2557   | 51403  | 2.11% | 0.155% |
| 125 | 9.178 | 9.167 | 9.192 | VV | 2525   | 36365  | 1.49% | 0.110% |
| 126 | 9.199 | 9.192 | 9.240 | VV | 2390   | 61651  | 2.53% | 0.186% |
| 127 | 9.245 | 9.240 | 9.297 | VV | 2003   | 63944  | 2.62% | 0.193% |
| 128 | 9.341 | 9.297 | 9.357 | VV | 2451   | 74897  | 3.07% | 0.226% |
| 129 | 9.371 | 9.357 | 9.389 | VV | 2508   | 43400  | 1.78% | 0.131% |
| 130 | 9.421 | 9.389 | 9.454 | VV | 4159   | 103920 | 4.26% | 0.314% |
| 131 | 9.463 | 9.454 | 9.473 | VV | 1866   | 20085  | 0.82% | 0.061% |
| 132 | 9.492 | 9.473 | 9.505 | VV | 1861   | 33791  | 1.39% | 0.102% |
| 133 | 9.517 | 9.505 | 9.549 | VV | 1886   | 43195  | 1.77% | 0.130% |
| 134 | 9.574 | 9.549 | 9.624 | VV | 1744   | 65918  | 2.70% | 0.199% |
| 135 | 9.634 | 9.624 | 9.670 | VV | 1389   | 35556  | 1.46% | 0.107% |
| 136 | 9.704 | 9.670 | 9.717 | VV | 1402   | 35528  | 1.46% | 0.107% |
| 137 | 9.738 | 9.717 | 9.757 | VV | 1627   | 34145  | 1.40% | 0.103% |
| 138 | 9.805 | 9.757 | 9.830 | VV | 3255   | 89275  | 3.66% | 0.269% |
| 139 | 9.859 | 9.830 | 9.877 | VV | 1822   | 49567  | 2.03% | 0.150% |
| 140 | 9.899 | 9.877 | 9.932 | VV | 1910   | 56661  | 2.33% | 0.171% |
| 141 | 9.943 | 9.932 | 9.970 | VV | 1638   | 33427  | 1.37% | 0.101% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 9.990  | 9.970  | 10.014 | VV | 1577   | 37793   | 1.55%   | 0.114% |
| 143 | 10.040 | 10.014 | 10.055 | VV | 1490   | 34390   | 1.41%   | 0.104% |
| 144 | 10.077 | 10.055 | 10.099 | VV | 1747   | 37845   | 1.55%   | 0.114% |
| 145 | 10.153 | 10.099 | 10.190 | VV | 3970   | 106260  | 4.36%   | 0.321% |
| 146 | 10.223 | 10.190 | 10.310 | VV | 4040   | 116198  | 4.77%   | 0.351% |
| 147 | 10.338 | 10.310 | 10.352 | VV | 963    | 21450   | 0.88%   | 0.065% |
| 148 | 10.368 | 10.352 | 10.377 | VV | 1045   | 14375   | 0.59%   | 0.043% |
| 149 | 10.398 | 10.377 | 10.455 | VV | 3333   | 89003   | 3.65%   | 0.269% |
| 150 | 10.484 | 10.455 | 10.514 | VV | 1649   | 47066   | 1.93%   | 0.142% |
| 151 | 10.533 | 10.514 | 10.583 | VV | 1474   | 44082   | 1.81%   | 0.133% |
| 152 | 10.597 | 10.583 | 10.635 | VV | 973    | 23353   | 0.96%   | 0.070% |
| 153 | 10.654 | 10.635 | 10.672 | VV | 719    | 12377   | 0.51%   | 0.037% |
| 154 | 10.703 | 10.672 | 10.725 | VV | 753    | 17792   | 0.73%   | 0.054% |
| 155 | 10.782 | 10.725 | 10.809 | VV | 1312   | 34818   | 1.43%   | 0.105% |
| 156 | 10.850 | 10.809 | 10.899 | VV | 3127   | 60480   | 2.48%   | 0.183% |
| 157 | 10.937 | 10.899 | 10.967 | VV | 2002   | 42050   | 1.73%   | 0.127% |
| 158 | 10.980 | 10.967 | 11.007 | VV | 377    | 6738    | 0.28%   | 0.020% |
| 159 | 11.045 | 11.007 | 11.087 | VV | 486    | 16802   | 0.69%   | 0.051% |
| 160 | 11.140 | 11.087 | 11.180 | VV | 70033  | 784234  | 32.18%  | 2.367% |
| 161 | 11.186 | 11.180 | 11.210 | VV | 1553   | 22505   | 0.92%   | 0.068% |
| 162 | 11.229 | 11.210 | 11.270 | VV | 1302   | 33218   | 1.36%   | 0.100% |
| 163 | 11.293 | 11.270 | 11.317 | VV | 1864   | 34228   | 1.40%   | 0.103% |
| 164 | 11.330 | 11.317 | 11.352 | VV | 1478   | 22376   | 0.92%   | 0.068% |
| 165 | 11.367 | 11.352 | 11.402 | VV | 1135   | 23980   | 0.98%   | 0.072% |
| 166 | 11.408 | 11.402 | 11.434 | VV | 653    | 8832    | 0.36%   | 0.027% |
| 167 | 11.450 | 11.434 | 11.466 | VV | 527    | 6678    | 0.27%   | 0.020% |
| 168 | 11.515 | 11.466 | 11.542 | VV | 2654   | 43486   | 1.78%   | 0.131% |
| 169 | 11.568 | 11.542 | 11.652 | VV | 26566  | 330141  | 13.55%  | 0.996% |
| 170 | 11.676 | 11.652 | 11.705 | VV | 470    | 10336   | 0.42%   | 0.031% |
| 171 | 11.715 | 11.705 | 11.770 | VV | 562    | 11104   | 0.46%   | 0.034% |
| 172 | 11.795 | 11.770 | 11.825 | VV | 1613   | 34726   | 1.42%   | 0.105% |
| 173 | 11.851 | 11.825 | 11.902 | VV | 1168   | 40472   | 1.66%   | 0.122% |
| 174 | 11.930 | 11.902 | 11.955 | VV | 688    | 19791   | 0.81%   | 0.060% |
| 175 | 11.972 | 11.955 | 12.029 | VV | 908    | 23810   | 0.98%   | 0.072% |
| 176 | 12.074 | 12.029 | 12.099 | VV | 1946   | 42061   | 1.73%   | 0.127% |
| 177 | 12.111 | 12.099 | 12.125 | VV | 854    | 11700   | 0.48%   | 0.035% |
| 178 | 12.148 | 12.125 | 12.167 | VV | 2823   | 39669   | 1.63%   | 0.120% |
| 179 | 12.189 | 12.167 | 12.254 | VV | 8105   | 147244  | 6.04%   | 0.444% |
| 180 | 12.278 | 12.254 | 12.304 | VV | 1056   | 17184   | 0.71%   | 0.052% |
| 181 | 12.311 | 12.304 | 12.322 | VV | 235    | 1413    | 0.06%   | 0.004% |
| 182 | 12.339 | 12.322 | 12.358 | PV | 317    | 3301    | 0.14%   | 0.010% |
| 183 | 12.378 | 12.358 | 12.389 | VV | 434    | 5731    | 0.24%   | 0.017% |
| 184 | 12.411 | 12.389 | 12.457 | VV | 458    | 11300   | 0.46%   | 0.034% |
| 185 | 12.480 | 12.457 | 12.525 | VV | 8060   | 128951  | 5.29%   | 0.389% |
| 186 | 12.574 | 12.525 | 12.610 | VV | 150629 | 2437024 | 100.00% | 7.355% |
| 187 | 12.630 | 12.610 | 12.655 | VV | 69357  | 816840  | 33.52%  | 2.465% |
| 188 | 12.664 | 12.655 | 12.734 | VV | 5874   | 97978   | 4.02%   | 0.296% |
| 189 | 12.757 | 12.734 | 12.787 | VV | 2573   | 42172   | 1.73%   | 0.127% |
| 190 | 12.812 | 12.787 | 12.852 | VV | 12487  | 165552  | 6.79%   | 0.500% |
| 191 | 12.881 | 12.852 | 12.923 | VV | 1455   | 48272   | 1.98%   | 0.146% |
| 192 | 12.944 | 12.923 | 13.000 | VV | 1371   | 45954   | 1.89%   | 0.139% |
| 193 | 13.103 | 13.000 | 13.125 | VV | 1979   | 91612   | 3.76%   | 0.276% |
| 194 | 13.145 | 13.125 | 13.166 | VV | 2073   | 36075   | 1.48%   | 0.109% |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 195 | 13.190 | 13.166 | 13.205 | VV | 1551   | 28612 | 1.17% | 0.086% |
| 196 | 13.233 | 13.205 | 13.280 | VV | 1432   | 49306 | 2.02% | 0.149% |
| 197 | 13.290 | 13.280 | 13.308 | VV | 746    | 9599  | 0.39% | 0.029% |
| 198 | 13.342 | 13.308 | 13.374 | VV | 2719   | 54498 | 2.24% | 0.164% |
| 199 | 13.389 | 13.374 | 13.434 | VV | 1120   | 26039 | 1.07% | 0.079% |
| 200 | 13.457 | 13.434 | 13.490 | VV | 656    | 15675 | 0.64% | 0.047% |
| 201 | 13.512 | 13.490 | 13.522 | PV | 303    | 4019  | 0.16% | 0.012% |
| 202 | 13.570 | 13.522 | 13.582 | VV | 702    | 16206 | 0.66% | 0.049% |
| 203 | 13.593 | 13.582 | 13.615 | VV | 711    | 10466 | 0.43% | 0.032% |
| 204 | 13.626 | 13.615 | 13.636 | VV | 609    | 7300  | 0.30% | 0.022% |
| 205 | 13.648 | 13.636 | 13.659 | VV | 767    | 8260  | 0.34% | 0.025% |
| 206 | 13.668 | 13.659 | 13.690 | VV | 701    | 10418 | 0.43% | 0.031% |
| 207 | 13.705 | 13.690 | 13.720 | VV | 696    | 9267  | 0.38% | 0.028% |
| 208 | 13.740 | 13.720 | 13.757 | VV | 771    | 13529 | 0.56% | 0.041% |
| 209 | 13.790 | 13.757 | 13.839 | VV | 1232   | 41807 | 1.72% | 0.126% |
| 210 | 13.898 | 13.839 | 13.934 | VV | 2186   | 61449 | 2.52% | 0.185% |
| 211 | 13.955 | 13.934 | 13.977 | VV | 1550   | 27271 | 1.12% | 0.082% |
| 212 | 14.019 | 13.977 | 14.029 | VV | 967    | 27082 | 1.11% | 0.082% |
| 213 | 14.046 | 14.029 | 14.090 | VV | 1696   | 37111 | 1.52% | 0.112% |
| 214 | 14.109 | 14.090 | 14.130 | VV | 664    | 12992 | 0.53% | 0.039% |
| 215 | 14.147 | 14.130 | 14.176 | VV | 711    | 13335 | 0.55% | 0.040% |
| 216 | 14.197 | 14.176 | 14.220 | VV | 491    | 10709 | 0.44% | 0.032% |
| 217 | 14.246 | 14.220 | 14.257 | VV | 573    | 9405  | 0.39% | 0.028% |
| 218 | 14.266 | 14.257 | 14.285 | VV | 479    | 5845  | 0.24% | 0.018% |
| 219 | 14.366 | 14.285 | 14.382 | VV | 3892   | 88962 | 3.65% | 0.268% |
| 220 | 14.400 | 14.382 | 14.424 | VV | 4096   | 85565 | 3.51% | 0.258% |
| 221 | 14.432 | 14.424 | 14.464 | VV | 3087   | 47724 | 1.96% | 0.144% |
| 222 | 14.479 | 14.464 | 14.490 | VV | 1172   | 16497 | 0.68% | 0.050% |
| 223 | 14.510 | 14.490 | 14.534 | VV | 1655   | 29917 | 1.23% | 0.090% |
| 224 | 14.541 | 14.534 | 14.555 | VV | 900    | 9117  | 0.37% | 0.028% |
| 225 | 14.569 | 14.555 | 14.603 | VV | 773    | 14602 | 0.60% | 0.044% |
| 226 | 14.615 | 14.603 | 14.642 | VV | 412    | 6217  | 0.26% | 0.019% |
| 227 | 14.714 | 14.642 | 14.722 | VV | 609    | 18256 | 0.75% | 0.055% |
| 228 | 14.734 | 14.722 | 14.760 | VV | 742    | 10067 | 0.41% | 0.030% |
| 229 | 14.836 | 14.760 | 14.889 | PV | 1840   | 59814 | 2.45% | 0.181% |
| 230 | 14.908 | 14.889 | 14.927 | VV | 654    | 9004  | 0.37% | 0.027% |
| 231 | 14.951 | 14.927 | 14.970 | VV | 1478   | 21282 | 0.87% | 0.064% |
| 232 | 14.991 | 14.970 | 15.002 | VV | 1705   | 20194 | 0.83% | 0.061% |
| 233 | 15.010 | 15.002 | 15.027 | VV | 1346   | 18644 | 0.77% | 0.056% |
| 234 | 15.033 | 15.027 | 15.100 | VV | 1419   | 24821 | 1.02% | 0.075% |
| 235 | 15.136 | 15.100 | 15.146 | VV | 352    | 7086  | 0.29% | 0.021% |
| 236 | 15.174 | 15.146 | 15.181 | VV | 685    | 10351 | 0.42% | 0.031% |
| 237 | 15.205 | 15.181 | 15.237 | VV | 817    | 18451 | 0.76% | 0.056% |
| 238 | 15.260 | 15.237 | 15.292 | VV | 545    | 10047 | 0.41% | 0.030% |
| 239 | 15.320 | 15.292 | 15.329 | PV | 280    | 4557  | 0.19% | 0.014% |
| 240 | 15.336 | 15.329 | 15.348 | VV | 289    | 2040  | 0.08% | 0.006% |
| 241 | 15.365 | 15.348 | 15.389 | PV | 478    | 7280  | 0.30% | 0.022% |
| 242 | 15.410 | 15.389 | 15.420 | VV | 382    | 5751  | 0.24% | 0.017% |
| 243 | 15.449 | 15.420 | 15.498 | VV | 2070   | 38846 | 1.59% | 0.117% |
| 244 | 15.520 | 15.498 | 15.530 | VV | 484    | 7201  | 0.30% | 0.022% |
| 245 | 15.542 | 15.530 | 15.565 | VV | 340    | 3885  | 0.16% | 0.012% |
| 246 | 15.604 | 15.565 | 15.620 | PV | 674    | 11706 | 0.48% | 0.035% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 247 | 15.631 | 15.620 | 15.645 | VV | 470    | 5082   | 0.21% | 0.015% |
| 248 | 15.679 | 15.645 | 15.697 | VV | 472    | 10327  | 0.42% | 0.031% |
| 249 | 15.724 | 15.697 | 15.747 | VV | 691    | 13671  | 0.56% | 0.041% |
| 250 | 15.781 | 15.747 | 15.797 | VV | 421    | 8209   | 0.34% | 0.025% |
| 251 | 15.834 | 15.797 | 15.869 | VV | 657    | 20774  | 0.85% | 0.063% |
| 252 | 15.919 | 15.869 | 15.980 | VV | 5711   | 159938 | 6.56% | 0.483% |
| 253 | 15.995 | 15.980 | 16.022 | VV | 1263   | 21542  | 0.88% | 0.065% |
| 254 | 16.048 | 16.022 | 16.063 | VV | 1564   | 24942  | 1.02% | 0.075% |
| 255 | 16.098 | 16.063 | 16.119 | VV | 868    | 23551  | 0.97% | 0.071% |
| 256 | 16.122 | 16.119 | 16.135 | VV | 440    | 2799   | 0.11% | 0.008% |
| 257 | 16.174 | 16.135 | 16.197 | PV | 1123   | 22215  | 0.91% | 0.067% |
| 258 | 16.231 | 16.197 | 16.257 | VV | 3913   | 72698  | 2.98% | 0.219% |
| 259 | 16.300 | 16.257 | 16.359 | VV | 3608   | 124266 | 5.10% | 0.375% |
| 260 | 16.396 | 16.359 | 16.431 | VV | 3818   | 90139  | 3.70% | 0.272% |
| 261 | 16.440 | 16.431 | 16.450 | VV | 954    | 10265  | 0.42% | 0.031% |
| 262 | 16.465 | 16.450 | 16.497 | VV | 889    | 15951  | 0.65% | 0.048% |
| 263 | 16.540 | 16.497 | 16.555 | VV | 974    | 20567  | 0.84% | 0.062% |
| 264 | 16.580 | 16.555 | 16.607 | VV | 1055   | 18884  | 0.77% | 0.057% |
| 265 | 16.695 | 16.607 | 16.722 | VV | 910    | 40681  | 1.67% | 0.123% |
| 266 | 16.746 | 16.722 | 16.767 | VV | 1485   | 19054  | 0.78% | 0.058% |
| 267 | 16.840 | 16.767 | 16.873 | VV | 3762   | 78263  | 3.21% | 0.236% |
| 268 | 16.892 | 16.873 | 16.912 | VV | 1194   | 15039  | 0.62% | 0.045% |
| 269 | 16.980 | 16.912 | 17.020 | VV | 1083   | 36482  | 1.50% | 0.110% |
| 270 | 17.276 | 17.020 | 17.303 | PV | 4301   | 107027 | 4.39% | 0.323% |
| 271 | 17.363 | 17.303 | 17.385 | PV | 3373   | 57804  | 2.37% | 0.174% |
| 272 | 17.402 | 17.385 | 17.420 | VV | 1494   | 22161  | 0.91% | 0.067% |
| 273 | 17.434 | 17.420 | 17.445 | VV | 605    | 6938   | 0.28% | 0.021% |
| 274 | 17.471 | 17.445 | 17.490 | PV | 823    | 8551   | 0.35% | 0.026% |
| 275 | 17.552 | 17.490 | 17.574 | VV | 1446   | 34492  | 1.42% | 0.104% |
| 276 | 17.580 | 17.574 | 17.597 | VV | 1422   | 12863  | 0.53% | 0.039% |
| 277 | 17.695 | 17.597 | 17.714 | VV | 6041   | 128815 | 5.29% | 0.389% |
| 278 | 17.725 | 17.714 | 17.750 | VV | 3608   | 53118  | 2.18% | 0.160% |
| 279 | 17.768 | 17.750 | 17.793 | VV | 1222   | 19960  | 0.82% | 0.060% |
| 280 | 17.826 | 17.793 | 17.844 | VV | 946    | 19811  | 0.81% | 0.060% |
| 281 | 17.871 | 17.844 | 17.887 | VV | 1181   | 17601  | 0.72% | 0.053% |
| 282 | 17.898 | 17.887 | 17.907 | VV | 662    | 6094   | 0.25% | 0.018% |
| 283 | 17.936 | 17.907 | 17.992 | VV | 2046   | 44798  | 1.84% | 0.135% |
| 284 | 18.105 | 17.992 | 18.132 | PV | 3204   | 73471  | 3.01% | 0.222% |
| 285 | 18.150 | 18.132 | 18.166 | VV | 1554   | 23671  | 0.97% | 0.071% |
| 286 | 18.198 | 18.166 | 18.252 | VV | 2014   | 53656  | 2.20% | 0.162% |
| 287 | 18.291 | 18.252 | 18.303 | PV | 944    | 16136  | 0.66% | 0.049% |
| 288 | 18.368 | 18.303 | 18.377 | VV | 1547   | 44158  | 1.81% | 0.133% |
| 289 | 18.401 | 18.377 | 18.419 | VV | 1837   | 32736  | 1.34% | 0.099% |
| 290 | 18.440 | 18.419 | 18.455 | VV | 2063   | 35419  | 1.45% | 0.107% |
| 291 | 18.478 | 18.455 | 18.489 | VV | 3370   | 49147  | 2.02% | 0.148% |
| 292 | 18.502 | 18.489 | 18.527 | VV | 3595   | 58140  | 2.39% | 0.175% |
| 293 | 18.551 | 18.527 | 18.578 | VV | 1933   | 41380  | 1.70% | 0.125% |
| 294 | 18.592 | 18.578 | 18.609 | VV | 1317   | 16584  | 0.68% | 0.050% |
| 295 | 18.630 | 18.609 | 18.640 | VV | 1086   | 12604  | 0.52% | 0.038% |
| 296 | 18.700 | 18.640 | 18.720 | VV | 1228   | 47824  | 1.96% | 0.144% |
| 297 | 18.739 | 18.720 | 18.746 | PV | 1147   | 9649   | 0.40% | 0.029% |
| 298 | 18.773 | 18.746 | 18.789 | VV | 1286   | 22294  | 0.91% | 0.067% |
| 299 | 18.829 | 18.789 | 18.837 | VV | 1461   | 31124  | 1.28% | 0.094% |

|                         |        |        |        |    |        |          |        |        |
|-------------------------|--------|--------|--------|----|--------|----------|--------|--------|
|                         |        |        |        |    | rteres |          |        |        |
| 300                     | 18.890 | 18.837 | 18.932 | VV | 3850   | 151713   | 6.23%  | 0.458% |
| 301                     | 18.954 | 18.932 | 18.962 | VV | 3051   | 47071    | 1.93%  | 0.142% |
| 302                     | 18.986 | 18.962 | 19.005 | VV | 3512   | 75027    | 3.08%  | 0.226% |
| 303                     | 19.021 | 19.005 | 19.034 | VV | 3302   | 53157    | 2.18%  | 0.160% |
| 304                     | 19.067 | 19.034 | 19.079 | VV | 3721   | 83314    | 3.42%  | 0.251% |
| 305                     | 19.097 | 19.079 | 19.113 | VV | 4466   | 81902    | 3.36%  | 0.247% |
| 306                     | 19.206 | 19.113 | 19.215 | VV | 5772   | 296731   | 12.18% | 0.895% |
| 307                     | 19.260 | 19.215 | 19.279 | VV | 7402   | 224710   | 9.22%  | 0.678% |
| 308                     | 19.303 | 19.279 | 19.329 | VV | 5845   | 157568   | 6.47%  | 0.476% |
| 309                     | 19.351 | 19.329 | 19.374 | VV | 5757   | 144504   | 5.93%  | 0.436% |
| 310                     | 19.401 | 19.374 | 19.429 | VV | 5943   | 168751   | 6.92%  | 0.509% |
| 311                     | 19.479 | 19.429 | 19.507 | VV | 9421   | 353771   | 14.52% | 1.068% |
| 312                     | 19.522 | 19.507 | 19.530 | VV | 8438   | 112572   | 4.62%  | 0.340% |
| 313                     | 19.566 | 19.530 | 19.579 | VV | 8941   | 240828   | 9.88%  | 0.727% |
| 314                     | 19.629 | 19.579 | 19.664 | VV | 11482  | 517358   | 21.23% | 1.561% |
| 315                     | 19.810 | 19.664 | 19.819 | VV | 14017  | 1160955  | 47.64% | 3.504% |
| 316                     | 19.877 | 19.819 | 19.900 | VV | 14374  | 654021   | 26.84% | 1.974% |
| 317                     | 20.003 | 19.900 | 20.017 | VV | 19943  | 1165707  | 47.83% | 3.518% |
| 318                     | 20.095 | 20.017 | 20.120 | VV | 22424  | 1293234  | 53.07% | 3.903% |
| 319                     | 20.136 | 20.120 | 20.149 | VV | 21724  | 365773   | 15.01% | 1.104% |
| 320                     | 20.161 | 20.149 | 20.170 | VV | 22025  | 283986   | 11.65% | 0.857% |
| 321                     | 20.186 | 20.170 | 20.195 | VV | 22132  | 323803   | 13.29% | 0.977% |
| 322                     | 20.336 | 20.195 | 20.343 | VV | 25996  | 2020523  | 82.91% | 6.098% |
| 323                     | 20.366 | 20.343 | 20.378 | VV | 28619  | 568183   | 23.31% | 1.715% |
| 324                     | 20.417 | 20.378 | 20.435 | VV | 29225  | 987119   | 40.51% | 2.979% |
| 325                     | 20.440 | 20.435 | 20.456 | VV | 28596  | 344371   | 14.13% | 1.039% |
| 326                     | 20.465 | 20.456 | 20.509 | VV | 26931  | 790884   | 32.45% | 2.387% |
| 327                     | 20.516 | 20.509 | 20.539 | VV | 23252  | 397033   | 16.29% | 1.198% |
| 328                     | 20.548 | 20.539 | 20.579 | VV | 21402  | 494122   | 20.28% | 1.491% |
| 329                     | 20.596 | 20.579 | 20.619 | VV | 20740  | 463576   | 19.02% | 1.399% |
| 330                     | 20.628 | 20.619 | 20.643 | VV | 18909  | 267222   | 10.97% | 0.806% |
| 331                     | 20.672 | 20.643 | 20.704 | VV | 18836  | 668681   | 27.44% | 2.018% |
| 332                     | 20.713 | 20.704 | 20.728 | VV | 17998  | 257243   | 10.56% | 0.776% |
| 333                     | 20.763 | 20.728 | 20.777 | VV | 18107  | 512852   | 21.04% | 1.548% |
| 334                     | 20.826 | 20.777 | 20.875 | VV | 21155  | 1152448  | 47.29% | 3.478% |
| 335                     | 20.883 | 20.875 | 20.919 | VV | 18763  | 450408   | 18.48% | 1.359% |
| 336                     | 20.935 | 20.919 | 20.985 | VV | 16236  | 604053   | 24.79% | 1.823% |
| 337                     | 20.996 | 20.985 | 21.055 | VV | 13985  | 493305   | 20.24% | 1.489% |
| 338                     | 21.073 | 21.055 | 21.100 | VV | 10594  | 258792   | 10.62% | 0.781% |
| 339                     | 21.141 | 21.100 | 21.149 | VV | 11759  | 295900   | 12.14% | 0.893% |
| 340                     | 21.170 | 21.149 | 21.235 | VV | 11078  | 480837   | 19.73% | 1.451% |
| 341                     | 21.245 | 21.235 | 21.317 | VV | 7237   | 264795   | 10.87% | 0.799% |
| 342                     | 21.338 | 21.317 | 21.363 | VV | 2520   | 54683    | 2.24%  | 0.165% |
| 343                     | 21.372 | 21.363 | 21.389 | VV | 988    | 9636     | 0.40%  | 0.029% |
| Sum of corrected areas: |        |        |        |    |        | 33136069 |        |        |

Alaphatic EPH 022219.M Fri Mar 22 09:59:26 2019