

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052124AL\  
 Data File : FE048311.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 May 2024 17:34  
 Sample : P2539-01MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042724.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         | 3.204       | 3.138        | 3.311      | BV       | 390            | 4147         | 0.05%          | 0.002%        |
| 2         | 3.342       | 3.311        | 3.471      | PV       | 360573         | 3513603      | 42.40%         | 1.936%        |
| 3         | 3.485       | 3.471        | 3.571      | VV       | 280            | 4862         | 0.06%          | 0.003%        |
| 4         | 3.581       | 3.571        | 3.643      | PV       | 109            | 1654         | 0.02%          | 0.001%        |
| 5         | 3.656       | 3.643        | 3.668      | VV       | 144            | 1671         | 0.02%          | 0.001%        |
| 6         | 3.688       | 3.668        | 3.703      | VV       | 286            | 4368         | 0.05%          | 0.002%        |
| 7         | 3.713       | 3.703        | 3.757      | VV       | 255            | 4301         | 0.05%          | 0.002%        |
| 8         | 3.784       | 3.757        | 3.798      | PV       | 194            | 2310         | 0.03%          | 0.001%        |
| 9         | 3.814       | 3.798        | 3.905      | VV       | 509            | 5362         | 0.06%          | 0.003%        |
| 10        | 3.930       | 3.905        | 4.001      | PBA      | 423            | 3506         | 0.04%          | 0.002%        |
| 11        | 4.084       | 4.048        | 4.095      | BV       | 70             | 795          | 0.01%          | 0.000%        |
| 12        | 4.132       | 4.095        | 4.154      | PV       | 314            | 4400         | 0.05%          | 0.002%        |
| 13        | 4.173       | 4.154        | 4.232      | VV       | 435            | 8158         | 0.10%          | 0.004%        |
| 14        | 4.247       | 4.232        | 4.288      | VV       | 182            | 4145         | 0.05%          | 0.002%        |
| 15        | 4.317       | 4.288        | 4.389      | VV       | 2041           | 34639        | 0.42%          | 0.019%        |
| 16        | 4.397       | 4.389        | 4.477      | VV       | 264            | 7366         | 0.09%          | 0.004%        |
| 17        | 4.498       | 4.477        | 4.511      | PV       | 153            | 1909         | 0.02%          | 0.001%        |
| 18        | 4.520       | 4.511        | 4.558      | VV       | 205            | 3408         | 0.04%          | 0.002%        |
| 19        | 4.593       | 4.558        | 4.612      | VV       | 408172         | 3946651      | 47.62%         | 2.174%        |
| 20        | 4.631       | 4.612        | 4.733      | VV       | 439774         | 4201929      | 50.70%         | 2.315%        |
| 21        | 4.752       | 4.733        | 4.799      | VV       | 654            | 15073        | 0.18%          | 0.008%        |
| 22        | 4.817       | 4.799        | 4.860      | VV       | 299            | 8146         | 0.10%          | 0.004%        |
| 23        | 4.872       | 4.860        | 4.888      | VV       | 253            | 3195         | 0.04%          | 0.002%        |
| 24        | 4.900       | 4.888        | 4.944      | VV       | 306            | 5931         | 0.07%          | 0.003%        |
| 25        | 4.959       | 4.944        | 4.972      | VV       | 240            | 3037         | 0.04%          | 0.002%        |
| 26        | 4.980       | 4.972        | 4.991      | VV       | 199            | 2116         | 0.03%          | 0.001%        |
| 27        | 5.006       | 4.991        | 5.030      | VV       | 242            | 3958         | 0.05%          | 0.002%        |
| 28        | 5.047       | 5.030        | 5.084      | VV       | 200            | 4449         | 0.05%          | 0.002%        |
| 29        | 5.094       | 5.084        | 5.156      | VV       | 231            | 4505         | 0.05%          | 0.002%        |
| 30        | 5.172       | 5.156        | 5.202      | VV       | 144            | 1892         | 0.02%          | 0.001%        |
| 31        | 5.223       | 5.202        | 5.234      | PV       | 103            | 1106         | 0.01%          | 0.001%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
|    |       |       |       |    | rteres |         |        |        |
| 32 | 5.250 | 5.234 | 5.278 | VV | 211    | 2356    | 0.03%  | 0.001% |
| 33 | 5.295 | 5.278 | 5.329 | VV | 343    | 5438    | 0.07%  | 0.003% |
| 34 | 5.344 | 5.329 | 5.364 | VV | 112    | 1449    | 0.02%  | 0.001% |
| 35 | 5.377 | 5.364 | 5.392 | VV | 246    | 2067    | 0.02%  | 0.001% |
| 36 | 5.405 | 5.392 | 5.514 | PV | 107    | 5212    | 0.06%  | 0.003% |
| 37 | 5.533 | 5.514 | 5.581 | VV | 374    | 5929    | 0.07%  | 0.003% |
| 38 | 5.601 | 5.581 | 5.664 | VV | 151    | 3634    | 0.04%  | 0.002% |
| 39 | 5.671 | 5.664 | 5.700 | PV | 35     | 831     | 0.01%  | 0.000% |
| 40 | 5.726 | 5.700 | 5.745 | PV | 1192   | 13411   | 0.16%  | 0.007% |
| 41 | 5.764 | 5.745 | 5.825 | VV | 1381   | 21536   | 0.26%  | 0.012% |
| 42 | 5.838 | 5.825 | 5.869 | VV | 299    | 4972    | 0.06%  | 0.003% |
| 43 | 5.921 | 5.869 | 5.994 | VV | 246    | 8353    | 0.10%  | 0.005% |
| 44 | 6.001 | 5.994 | 6.010 | VV | 152    | 773     | 0.01%  | 0.000% |
| 45 | 6.021 | 6.010 | 6.035 | VV | 113    | 1435    | 0.02%  | 0.001% |
| 46 | 6.044 | 6.035 | 6.068 | VV | 164    | 1760    | 0.02%  | 0.001% |
| 47 | 6.075 | 6.068 | 6.095 | VV | 124    | 988     | 0.01%  | 0.001% |
| 48 | 6.118 | 6.095 | 6.148 | VV | 128    | 2332    | 0.03%  | 0.001% |
| 49 | 6.155 | 6.148 | 6.184 | VV | 82     | 1761    | 0.02%  | 0.001% |
| 50 | 6.191 | 6.184 | 6.231 | VV | 112    | 1300    | 0.02%  | 0.001% |
| 51 | 6.243 | 6.231 | 6.268 | PV | 101    | 1519    | 0.02%  | 0.001% |
| 52 | 6.298 | 6.268 | 6.353 | VV | 439451 | 4334541 | 52.30% | 2.388% |
| 53 | 6.369 | 6.353 | 6.542 | VV | 7019   | 187264  | 2.26%  | 0.103% |
| 54 | 6.550 | 6.542 | 6.584 | VV | 589    | 13069   | 0.16%  | 0.007% |
| 55 | 6.595 | 6.584 | 6.631 | VV | 851    | 14612   | 0.18%  | 0.008% |
| 56 | 6.644 | 6.631 | 6.666 | VV | 433    | 7465    | 0.09%  | 0.004% |
| 57 | 6.686 | 6.666 | 6.718 | VV | 396    | 9401    | 0.11%  | 0.005% |
| 58 | 6.757 | 6.718 | 6.817 | VV | 394490 | 4002744 | 48.30% | 2.205% |
| 59 | 6.835 | 6.817 | 6.857 | VV | 1072   | 16540   | 0.20%  | 0.009% |
| 60 | 6.881 | 6.857 | 7.003 | VV | 8284   | 114515  | 1.38%  | 0.063% |
| 61 | 7.012 | 7.003 | 7.032 | VV | 260    | 3357    | 0.04%  | 0.002% |
| 62 | 7.043 | 7.032 | 7.062 | VV | 315    | 3545    | 0.04%  | 0.002% |
| 63 | 7.085 | 7.062 | 7.137 | VV | 198    | 5119    | 0.06%  | 0.003% |
| 64 | 7.171 | 7.137 | 7.214 | VV | 331    | 7388    | 0.09%  | 0.004% |
| 65 | 7.242 | 7.214 | 7.275 | VV | 1648   | 22278   | 0.27%  | 0.012% |
| 66 | 7.297 | 7.275 | 7.323 | VV | 2778   | 31316   | 0.38%  | 0.017% |
| 67 | 7.337 | 7.323 | 7.349 | VV | 424    | 3178    | 0.04%  | 0.002% |
| 68 | 7.394 | 7.349 | 7.514 | VV | 428652 | 4463150 | 53.86% | 2.459% |
| 69 | 7.531 | 7.514 | 7.576 | VV | 1499   | 34480   | 0.42%  | 0.019% |
| 70 | 7.593 | 7.576 | 7.650 | VV | 1100   | 27260   | 0.33%  | 0.015% |
| 71 | 7.673 | 7.650 | 7.686 | VV | 602    | 10711   | 0.13%  | 0.006% |
| 72 | 7.703 | 7.686 | 7.749 | VV | 1678   | 23064   | 0.28%  | 0.013% |
| 73 | 7.763 | 7.749 | 7.778 | VV | 305    | 3676    | 0.04%  | 0.002% |
| 74 | 7.790 | 7.778 | 7.808 | VV | 279    | 2984    | 0.04%  | 0.002% |
| 75 | 7.841 | 7.808 | 7.864 | VV | 158    | 3611    | 0.04%  | 0.002% |
| 76 | 7.880 | 7.864 | 7.913 | VV | 381    | 6294    | 0.08%  | 0.003% |
| 77 | 8.117 | 8.103 | 8.148 | VV | 1801   | 43182   | 0.52%  | 0.024% |
| 78 | 8.159 | 8.148 | 8.215 | VV | 1443   | 34163   | 0.41%  | 0.019% |
| 79 | 8.225 | 8.215 | 8.254 | VV | 485    | 9746    | 0.12%  | 0.005% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 80  | 8.277  | 8.254  | 8.300  | VV | 869    | 14115   | 0.17%  | 0.008% |
| 81  | 8.333  | 8.300  | 8.352  | VV | 617    | 14804   | 0.18%  | 0.008% |
| 82  | 8.360  | 8.352  | 8.378  | VV | 265    | 2590    | 0.03%  | 0.001% |
| 83  | 8.404  | 8.378  | 8.448  | VV | 481    | 10062   | 0.12%  | 0.006% |
| 84  | 8.510  | 8.448  | 8.527  | VV | 635    | 16976   | 0.20%  | 0.009% |
| 85  | 8.539  | 8.527  | 8.551  | VV | 508    | 5655    | 0.07%  | 0.003% |
| 86  | 8.587  | 8.551  | 8.661  | VV | 412142 | 4307160 | 51.97% | 2.373% |
| 87  | 8.697  | 8.661  | 8.799  | VV | 444026 | 4511863 | 54.44% | 2.486% |
| 88  | 8.812  | 8.799  | 8.858  | VV | 1100   | 24962   | 0.30%  | 0.014% |
| 89  | 8.997  | 8.968  | 9.101  | VV | 449577 | 4627462 | 55.84% | 2.549% |
| 90  | 9.121  | 9.101  | 9.159  | VV | 1931   | 43099   | 0.52%  | 0.024% |
| 91  | 9.174  | 9.159  | 9.220  | VV | 758    | 23312   | 0.28%  | 0.013% |
| 92  | 9.232  | 9.220  | 9.251  | VV | 719    | 11001   | 0.13%  | 0.006% |
| 93  | 9.270  | 9.251  | 9.295  | VV | 1501   | 22705   | 0.27%  | 0.013% |
| 94  | 9.317  | 9.295  | 9.374  | VV | 830    | 23955   | 0.29%  | 0.013% |
| 95  | 9.410  | 9.374  | 9.428  | VV | 4067   | 52282   | 0.63%  | 0.029% |
| 96  | 9.446  | 9.428  | 9.455  | VV | 4196   | 43961   | 0.53%  | 0.024% |
| 97  | 9.465  | 9.455  | 9.534  | VV | 4550   | 55836   | 0.67%  | 0.031% |
| 98  | 9.562  | 9.534  | 9.581  | VV | 401    | 6138    | 0.07%  | 0.003% |
| 99  | 9.593  | 9.581  | 9.627  | VV | 493    | 5994    | 0.07%  | 0.003% |
| 100 | 9.645  | 9.627  | 9.668  | PV | 313    | 3221    | 0.04%  | 0.002% |
| 101 | 9.701  | 9.668  | 9.721  | VV | 428    | 5961    | 0.07%  | 0.003% |
| 102 | 9.737  | 9.721  | 9.754  | VV | 666    | 9181    | 0.11%  | 0.005% |
| 103 | 9.785  | 9.754  | 9.900  | VV | 411752 | 4494692 | 54.24% | 2.476% |
| 104 | 9.928  | 9.900  | 9.948  | VV | 1582   | 37260   | 0.45%  | 0.021% |
| 105 | 9.971  | 9.948  | 9.986  | VV | 4668   | 58105   | 0.70%  | 0.032% |
| 106 | 9.998  | 9.986  | 10.071 | VV | 3178   | 57696   | 0.70%  | 0.032% |
| 107 | 10.128 | 10.071 | 10.161 | VV | 1151   | 35794   | 0.43%  | 0.020% |
| 108 | 10.193 | 10.161 | 10.267 | VV | 405716 | 4626784 | 55.83% | 2.549% |
| 109 | 10.295 | 10.267 | 10.351 | VV | 783    | 22210   | 0.27%  | 0.012% |
| 110 | 10.369 | 10.351 | 10.421 | VV | 443    | 8827    | 0.11%  | 0.005% |
| 111 | 10.470 | 10.421 | 10.504 | VV | 381    | 7204    | 0.09%  | 0.004% |
| 112 | 10.535 | 10.504 | 10.555 | VV | 491    | 9476    | 0.11%  | 0.005% |
| 113 | 10.580 | 10.555 | 10.611 | VV | 1856   | 27044   | 0.33%  | 0.015% |
| 114 | 10.635 | 10.611 | 10.654 | VV | 675    | 10912   | 0.13%  | 0.006% |
| 115 | 10.667 | 10.654 | 10.691 | VV | 737    | 9839    | 0.12%  | 0.005% |
| 116 | 10.722 | 10.691 | 10.755 | VV | 611    | 12357   | 0.15%  | 0.007% |
| 117 | 10.781 | 10.755 | 10.794 | PV | 335    | 4570    | 0.06%  | 0.003% |
| 118 | 10.803 | 10.794 | 10.817 | VV | 302    | 3442    | 0.04%  | 0.002% |
| 119 | 10.842 | 10.817 | 10.897 | VV | 703    | 19466   | 0.23%  | 0.011% |
| 120 | 10.931 | 10.897 | 10.968 | VV | 5068   | 71895   | 0.87%  | 0.040% |
| 121 | 10.997 | 10.968 | 11.102 | VV | 5348   | 97830   | 1.18%  | 0.054% |
| 122 | 11.192 | 11.102 | 11.236 | PV | 387952 | 4341221 | 52.38% | 2.392% |
| 123 | 11.267 | 11.236 | 11.417 | VV | 365540 | 4496881 | 54.26% | 2.477% |
| 124 | 11.437 | 11.417 | 11.468 | VV | 3794   | 67699   | 0.82%  | 0.037% |
| 125 | 11.486 | 11.468 | 11.523 | VV | 1654   | 42722   | 0.52%  | 0.024% |
| 126 | 11.567 | 11.523 | 11.595 | VV | 1235   | 42070   | 0.51%  | 0.023% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 127 | 11.636 | 11.595 | 11.694 | VV | 411319 | 4737753 | 57.17% | 2.610% |
| 128 | 11.723 | 11.694 | 11.772 | VV | 2685   | 64984   | 0.78%  | 0.036% |
| 129 | 11.793 | 11.772 | 11.814 | VV | 790    | 14300   | 0.17%  | 0.008% |
| 130 | 11.829 | 11.814 | 11.868 | VV | 510    | 11156   | 0.13%  | 0.006% |
|     |        |        |        |    |        |         |        |        |
| 131 | 11.895 | 11.868 | 11.918 | VV | 838    | 17138   | 0.21%  | 0.009% |
| 132 | 11.957 | 11.918 | 12.008 | VV | 484960 | 5215138 | 62.93% | 2.873% |
| 133 | 12.026 | 12.008 | 12.051 | VV | 1509   | 27689   | 0.33%  | 0.015% |
| 134 | 12.108 | 12.051 | 12.128 | VV | 1376   | 41968   | 0.51%  | 0.023% |
| 135 | 12.142 | 12.128 | 12.155 | VV | 990    | 12245   | 0.15%  | 0.007% |
|     |        |        |        |    |        |         |        |        |
| 136 | 12.171 | 12.155 | 12.221 | VV | 1164   | 18861   | 0.23%  | 0.010% |
| 137 | 12.238 | 12.221 | 12.263 | PV | 347    | 5234    | 0.06%  | 0.003% |
| 138 | 12.303 | 12.263 | 12.335 | VV | 4097   | 59961   | 0.72%  | 0.033% |
| 139 | 12.355 | 12.335 | 12.372 | VV | 785    | 10542   | 0.13%  | 0.006% |
| 140 | 12.394 | 12.372 | 12.442 | VV | 1919   | 33796   | 0.41%  | 0.019% |
|     |        |        |        |    |        |         |        |        |
| 141 | 12.462 | 12.442 | 12.510 | VV | 647    | 10964   | 0.13%  | 0.006% |
| 142 | 12.548 | 12.510 | 12.616 | VV | 33145  | 388013  | 4.68%  | 0.214% |
| 143 | 12.635 | 12.616 | 12.664 | VV | 1438   | 25534   | 0.31%  | 0.014% |
| 144 | 12.674 | 12.664 | 12.700 | VV | 514    | 9230    | 0.11%  | 0.005% |
| 145 | 12.712 | 12.700 | 12.745 | VV | 592    | 11805   | 0.14%  | 0.007% |
|     |        |        |        |    |        |         |        |        |
| 146 | 12.768 | 12.745 | 12.818 | VV | 1850   | 29186   | 0.35%  | 0.016% |
| 147 | 12.848 | 12.818 | 12.864 | PV | 291    | 5404    | 0.07%  | 0.003% |
| 148 | 12.892 | 12.864 | 12.911 | VV | 941    | 14071   | 0.17%  | 0.008% |
| 149 | 12.946 | 12.911 | 12.978 | VV | 387512 | 4715904 | 56.91% | 2.598% |
| 150 | 13.012 | 12.978 | 13.162 | VV | 350509 | 4400389 | 53.10% | 2.424% |
|     |        |        |        |    |        |         |        |        |
| 151 | 13.195 | 13.162 | 13.268 | VV | 5233   | 105261  | 1.27%  | 0.058% |
| 152 | 13.311 | 13.268 | 13.350 | VV | 370018 | 4335209 | 52.31% | 2.388% |
| 153 | 13.390 | 13.350 | 13.491 | VV | 344310 | 4410501 | 53.22% | 2.430% |
| 154 | 13.500 | 13.491 | 13.520 | VV | 1488   | 23024   | 0.28%  | 0.013% |
| 155 | 13.557 | 13.520 | 13.604 | VV | 363076 | 4592377 | 55.42% | 2.530% |
|     |        |        |        |    |        |         |        |        |
| 156 | 13.617 | 13.604 | 13.691 | VV | 1685   | 49999   | 0.60%  | 0.028% |
| 157 | 13.703 | 13.691 | 13.717 | VV | 538    | 7058    | 0.09%  | 0.004% |
| 158 | 13.780 | 13.717 | 13.846 | VV | 7143   | 121093  | 1.46%  | 0.067% |
| 159 | 13.898 | 13.846 | 13.921 | VV | 1495   | 32483   | 0.39%  | 0.018% |
| 160 | 13.932 | 13.921 | 13.957 | VV | 752    | 11111   | 0.13%  | 0.006% |
|     |        |        |        |    |        |         |        |        |
| 161 | 13.984 | 13.957 | 13.994 | VV | 1021   | 15538   | 0.19%  | 0.009% |
| 162 | 14.003 | 13.994 | 14.026 | VV | 1009   | 12780   | 0.15%  | 0.007% |
| 163 | 14.044 | 14.026 | 14.068 | VV | 764    | 12435   | 0.15%  | 0.007% |
| 164 | 14.092 | 14.068 | 14.107 | VV | 1037   | 14247   | 0.17%  | 0.008% |
| 165 | 14.143 | 14.107 | 14.204 | VV | 363567 | 4538223 | 54.76% | 2.500% |
|     |        |        |        |    |        |         |        |        |
| 166 | 14.213 | 14.204 | 14.251 | VV | 775    | 12178   | 0.15%  | 0.007% |
| 167 | 14.280 | 14.251 | 14.295 | VV | 177    | 3954    | 0.05%  | 0.002% |
| 168 | 14.318 | 14.295 | 14.351 | VV | 1245   | 15638   | 0.19%  | 0.009% |
| 169 | 14.361 | 14.351 | 14.451 | VV | 264    | 8320    | 0.10%  | 0.005% |
| 170 | 14.478 | 14.451 | 14.487 | PV | 87     | 758     | 0.01%  | 0.000% |
|     |        |        |        |    |        |         |        |        |
| 171 | 14.504 | 14.487 | 14.513 | VV | 183    | 1698    | 0.02%  | 0.001% |
| 172 | 14.578 | 14.513 | 14.621 | VV | 1075   | 36828   | 0.44%  | 0.020% |
| 173 | 14.636 | 14.621 | 14.674 | VV | 522    | 9797    | 0.12%  | 0.005% |
| 174 | 14.706 | 14.674 | 14.731 | PV | 2778   | 42286   | 0.51%  | 0.023% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 175 | 14.760 | 14.731 | 14.852 | VV | 12695  | 209830  | 2.53%   | 0.116% |
| 176 | 14.874 | 14.852 | 14.894 | VV | 982    | 14908   | 0.18%   | 0.008% |
| 177 | 14.925 | 14.894 | 14.969 | VV | 793    | 16348   | 0.20%   | 0.009% |
| 178 | 14.987 | 14.969 | 15.025 | VV | 200    | 2579    | 0.03%   | 0.001% |
| 179 | 15.053 | 15.025 | 15.062 | PV | 163    | 1866    | 0.02%   | 0.001% |
| 180 | 15.100 | 15.062 | 15.118 | VV | 224    | 4383    | 0.05%   | 0.002% |
| 181 | 15.134 | 15.118 | 15.147 | VV | 259    | 2836    | 0.03%   | 0.002% |
| 182 | 15.188 | 15.147 | 15.208 | VV | 268817 | 3243908 | 39.14%  | 1.787% |
| 183 | 15.240 | 15.208 | 15.335 | VV | 419852 | 8287191 | 100.00% | 4.566% |
| 184 | 15.343 | 15.335 | 15.398 | VV | 5418   | 156367  | 1.89%   | 0.086% |
| 185 | 15.410 | 15.398 | 15.477 | VV | 3057   | 115254  | 1.39%   | 0.063% |
| 186 | 15.493 | 15.477 | 15.565 | VV | 1865   | 83341   | 1.01%   | 0.046% |
| 187 | 15.575 | 15.565 | 15.581 | VV | 1327   | 11994   | 0.14%   | 0.007% |
| 188 | 15.629 | 15.581 | 15.735 | VV | 15130  | 402865  | 4.86%   | 0.222% |
| 189 | 15.765 | 15.735 | 15.802 | VV | 3172   | 78815   | 0.95%   | 0.043% |
| 190 | 15.837 | 15.802 | 15.878 | VV | 5325   | 102860  | 1.24%   | 0.057% |
| 191 | 15.896 | 15.878 | 15.926 | VV | 830    | 18640   | 0.22%   | 0.010% |
| 192 | 15.948 | 15.926 | 15.967 | VV | 534    | 10562   | 0.13%   | 0.006% |
| 193 | 16.021 | 15.967 | 16.057 | VV | 875    | 28563   | 0.34%   | 0.016% |
| 194 | 16.097 | 16.057 | 16.119 | VV | 703    | 16940   | 0.20%   | 0.009% |
| 195 | 16.151 | 16.119 | 16.164 | VV | 697    | 12132   | 0.15%   | 0.007% |
| 196 | 16.174 | 16.164 | 16.200 | VV | 521    | 8555    | 0.10%   | 0.005% |
| 197 | 16.265 | 16.200 | 16.318 | VV | 345413 | 4523897 | 54.59%  | 2.492% |
| 198 | 16.324 | 16.318 | 16.374 | VV | 695    | 12514   | 0.15%   | 0.007% |
| 199 | 16.393 | 16.374 | 16.416 | VV | 369    | 5176    | 0.06%   | 0.003% |
| 200 | 16.460 | 16.416 | 16.511 | PV | 590    | 14324   | 0.17%   | 0.008% |
| 201 | 16.562 | 16.511 | 16.588 | PV | 1055   | 21434   | 0.26%   | 0.012% |
| 202 | 16.650 | 16.588 | 16.685 | VV | 1926   | 45054   | 0.54%   | 0.025% |
| 203 | 16.744 | 16.685 | 16.759 | VV | 222544 | 3007370 | 36.29%  | 1.657% |
| 204 | 16.775 | 16.759 | 16.862 | VV | 232448 | 3395462 | 40.97%  | 1.871% |
| 205 | 16.871 | 16.862 | 16.972 | VV | 6549   | 291396  | 3.52%   | 0.161% |
| 206 | 16.995 | 16.972 | 17.027 | VV | 3658   | 97994   | 1.18%   | 0.054% |
| 207 | 17.063 | 17.027 | 17.081 | VV | 4592   | 107623  | 1.30%   | 0.059% |
| 208 | 17.123 | 17.081 | 17.178 | VV | 173162 | 2649112 | 31.97%  | 1.459% |
| 209 | 17.214 | 17.178 | 17.247 | VV | 348077 | 4739903 | 57.20%  | 2.611% |
| 210 | 17.260 | 17.247 | 17.338 | VV | 8755   | 257479  | 3.11%   | 0.142% |
| 211 | 17.344 | 17.338 | 17.364 | VV | 2532   | 38471   | 0.46%   | 0.021% |
| 212 | 17.377 | 17.364 | 17.388 | VV | 2443   | 31830   | 0.38%   | 0.018% |
| 213 | 17.410 | 17.388 | 17.424 | VV | 2110   | 45093   | 0.54%   | 0.025% |
| 214 | 17.455 | 17.424 | 17.479 | VV | 2073   | 63241   | 0.76%   | 0.035% |
| 215 | 17.495 | 17.479 | 17.505 | VV | 1714   | 25914   | 0.31%   | 0.014% |
| 216 | 17.538 | 17.505 | 17.568 | VV | 1815   | 60418   | 0.73%   | 0.033% |
| 217 | 17.590 | 17.568 | 17.619 | VV | 2271   | 59607   | 0.72%   | 0.033% |
| 218 | 17.659 | 17.619 | 17.691 | VV | 4361   | 97165   | 1.17%   | 0.054% |
| 219 | 17.704 | 17.691 | 17.719 | VV | 932    | 12497   | 0.15%   | 0.007% |
| 220 | 17.744 | 17.719 | 17.764 | VV | 1509   | 28465   | 0.34%   | 0.016% |
| 221 | 17.778 | 17.764 | 17.812 | VV | 1358   | 26111   | 0.32%   | 0.014% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 17.839 | 17.812 | 17.861 | VV | 873    | 15519   | 0.19%  | 0.009% |
| 223 | 17.877 | 17.861 | 17.915 | VV | 512    | 8609    | 0.10%  | 0.005% |
| 224 | 17.991 | 17.915 | 18.024 | PV | 3491   | 66361   | 0.80%  | 0.037% |
| 225 | 18.100 | 18.024 | 18.168 | VV | 332708 | 4654047 | 56.16% | 2.564% |
| 226 | 18.187 | 18.168 | 18.214 | VV | 1728   | 29249   | 0.35%  | 0.016% |
| 227 | 18.251 | 18.214 | 18.318 | VV | 1713   | 47307   | 0.57%  | 0.026% |
| 228 | 18.338 | 18.318 | 18.353 | VV | 588    | 9600    | 0.12%  | 0.005% |
| 229 | 18.366 | 18.353 | 18.374 | VV | 456    | 4431    | 0.05%  | 0.002% |
| 230 | 18.427 | 18.374 | 18.437 | VV | 2276   | 39361   | 0.47%  | 0.022% |
| 231 | 18.492 | 18.437 | 18.511 | VV | 145490 | 2263931 | 27.32% | 1.247% |
| 232 | 18.530 | 18.511 | 18.602 | VV | 123361 | 2307161 | 27.84% | 1.271% |
| 233 | 18.618 | 18.602 | 18.664 | VV | 10844  | 308120  | 3.72%  | 0.170% |
| 234 | 18.686 | 18.664 | 18.702 | VV | 5982   | 126177  | 1.52%  | 0.070% |
| 235 | 18.749 | 18.702 | 18.882 | VV | 167743 | 3147518 | 37.98% | 1.734% |
| 236 | 18.932 | 18.882 | 18.995 | VV | 324821 | 5009824 | 60.45% | 2.760% |
| 237 | 19.034 | 18.995 | 19.063 | VV | 6938   | 219044  | 2.64%  | 0.121% |
| 238 | 19.087 | 19.063 | 19.116 | VV | 5495   | 147763  | 1.78%  | 0.081% |
| 239 | 19.143 | 19.116 | 19.156 | VV | 4176   | 94161   | 1.14%  | 0.052% |
| 240 | 19.211 | 19.156 | 19.228 | VV | 4261   | 168610  | 2.03%  | 0.093% |
| 241 | 19.251 | 19.228 | 19.268 | VV | 4672   | 103059  | 1.24%  | 0.057% |
| 242 | 19.296 | 19.268 | 19.313 | VV | 9734   | 208604  | 2.52%  | 0.115% |
| 243 | 19.322 | 19.313 | 19.359 | VV | 8411   | 186733  | 2.25%  | 0.103% |
| 244 | 19.367 | 19.359 | 19.407 | VV | 4790   | 121520  | 1.47%  | 0.067% |
| 245 | 19.499 | 19.407 | 19.514 | VV | 4937   | 283767  | 3.42%  | 0.156% |
| 246 | 19.526 | 19.514 | 19.557 | VV | 5068   | 116417  | 1.40%  | 0.064% |
| 247 | 19.577 | 19.557 | 19.603 | VV | 4356   | 116876  | 1.41%  | 0.064% |
| 248 | 19.631 | 19.603 | 19.648 | VV | 4520   | 112192  | 1.35%  | 0.062% |
| 249 | 19.714 | 19.648 | 19.791 | VV | 329696 | 5137484 | 61.99% | 2.830% |
| 250 | 19.826 | 19.791 | 19.864 | VV | 7401   | 291985  | 3.52%  | 0.161% |
| 251 | 19.889 | 19.864 | 19.918 | VV | 7952   | 230162  | 2.78%  | 0.127% |
| 252 | 19.999 | 19.918 | 20.028 | VV | 8215   | 464519  | 5.61%  | 0.256% |
| 253 | 20.082 | 20.028 | 20.111 | VV | 12019  | 437756  | 5.28%  | 0.241% |
| 254 | 20.138 | 20.111 | 20.157 | VV | 8463   | 225830  | 2.73%  | 0.124% |
| 255 | 20.182 | 20.157 | 20.190 | VV | 8217   | 154856  | 1.87%  | 0.085% |
| 256 | 20.341 | 20.190 | 20.350 | VV | 12018  | 931111  | 11.24% | 0.513% |
| 257 | 20.359 | 20.350 | 20.391 | VV | 12172  | 274862  | 3.32%  | 0.151% |
| 258 | 20.454 | 20.391 | 20.513 | VV | 334497 | 5511788 | 66.51% | 3.037% |
| 259 | 20.592 | 20.513 | 20.655 | VV | 20292  | 1396929 | 16.86% | 0.770% |
| 260 | 20.674 | 20.655 | 20.709 | VV | 15315  | 465582  | 5.62%  | 0.256% |
| 261 | 20.720 | 20.709 | 20.734 | VV | 13503  | 203933  | 2.46%  | 0.112% |
| 262 | 20.808 | 20.734 | 20.838 | VV | 17071  | 919268  | 11.09% | 0.506% |
| 263 | 20.859 | 20.838 | 20.897 | VV | 14796  | 518601  | 6.26%  | 0.286% |
| 264 | 20.915 | 20.897 | 20.946 | VV | 14521  | 412547  | 4.98%  | 0.227% |
| 265 | 20.965 | 20.946 | 21.008 | VV | 14032  | 491667  | 5.93%  | 0.271% |
| 266 | 21.095 | 21.008 | 21.138 | VV | 13798  | 1014109 | 12.24% | 0.559% |
| 267 | 21.192 | 21.138 | 21.341 | VV | 288724 | 6311924 | 76.16% | 3.477% |
| 268 | 21.353 | 21.341 | 21.375 | VV | 10942  | 215501  | 2.60%  | 0.119% |
| 269 | 21.384 | 21.375 | 21.393 | VV | 10405  | 110068  | 1.33%  | 0.061% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    | rteres                  |         |           |        |
| 270 | 21.398 | 21.393 | 21.483 | VV | 10313                   | 517337  | 6.24%     | 0.285% |
| 271 | 21.508 | 21.483 | 21.564 | VV | 9152                    | 409822  | 4.95%     | 0.226% |
| 272 | 21.586 | 21.564 | 21.593 | VV | 7620                    | 135922  | 1.64%     | 0.075% |
| 273 | 21.621 | 21.593 | 21.730 | VV | 8556                    | 577747  | 6.97%     | 0.318% |
| 274 | 21.746 | 21.730 | 21.779 | VV | 5800                    | 161200  | 1.95%     | 0.089% |
| 275 | 21.790 | 21.779 | 21.824 | VV | 5055                    | 131635  | 1.59%     | 0.073% |
| 276 | 21.856 | 21.824 | 21.968 | VV | 4569                    | 322988  | 3.90%     | 0.178% |
| 277 | 22.024 | 21.968 | 22.043 | VV | 2543                    | 110717  | 1.34%     | 0.061% |
| 278 | 22.113 | 22.043 | 22.234 | VV | 194543                  | 4927921 | 59.46%    | 2.715% |
| 279 | 22.240 | 22.234 | 22.288 | VV | 902                     | 16568   | 0.20%     | 0.009% |
|     |        |        |        |    | Sum of corrected areas: |         | 181517244 |        |

Aliphatic EPH 042724.M Wed May 22 03:40:23 2024