

## Area Percent Report

Data Path : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\FID\_G\Data\FG121118\  
 Data File : FG003232.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Dec 2018 16:49  
 Sample : J6193-09 10X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG112818.M  
 Title :

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         | 4.414       | 4.385        | 4.437      | BH       | 68             | -11          | -0.00%         | -0.000%       |
| 2         | 4.454       | 4.437        | 4.472      | PH       | 35             | -385         | -0.01%         | -0.001%       |
| 3         | 4.504       | 4.472        | 4.538      | PH       | -4             | -1407        | -0.02%         | -0.003%       |
| 4         | 4.563       | 4.538        | 4.612      | PH       | 190            | 330          | 0.01%          | 0.001%        |
| 5         | 4.629       | 4.612        | 4.655      | PH       | 183            | 1804         | 0.03%          | 0.003%        |
| 6         | 4.671       | 4.655        | 4.737      | PH       | 49             | -1855        | -0.03%         | -0.003%       |
| 7         | 4.752       | 4.737        | 4.778      | PH       | -17            | -1058        | -0.02%         | -0.002%       |
| 8         | 4.785       | 4.778        | 4.822      | PH       | -36            | -1735        | -0.03%         | -0.003%       |
| 9         | 4.836       | 4.822        | 4.846      | PH       | -19            | -1123        | -0.02%         | -0.002%       |
| 10        | 4.855       | 4.846        | 4.968      | PH       | -64            | -9733        | -0.16%         | -0.018%       |
| 11        | 5.063       | 4.968        | 5.099      | PH       | -69            | -10879       | -0.18%         | -0.020%       |
| 12        | 5.108       | 5.099        | 5.123      | PH       | -106           | -2145        | -0.03%         | -0.004%       |
| 13        | 5.137       | 5.123        | 5.178      | PH       | -85            | -4848        | -0.08%         | -0.009%       |
| 14        | 5.188       | 5.178        | 5.212      | PH       | -157           | -4046        | -0.07%         | -0.007%       |
| 15        | 5.277       | 5.212        | 5.295      | PH       | -60            | -7850        | -0.13%         | -0.014%       |
| 16        | 5.303       | 5.295        | 5.312      | PH       | -137           | -1666        | -0.03%         | -0.003%       |
| 17        | 5.316       | 5.312        | 5.328      | PH       | -116           | -1630        | -0.03%         | -0.003%       |
| 18        | 5.338       | 5.328        | 5.381      | PH       | -117           | -5846        | -0.10%         | -0.011%       |
| 19        | 5.389       | 5.381        | 5.428      | PH       | -169           | -6018        | -0.10%         | -0.011%       |
| 20        | 5.458       | 5.428        | 5.480      | PH       | 5              | -4823        | -0.08%         | -0.009%       |
| 21        | 5.492       | 5.480        | 5.509      | PH       | -78            | -2346        | -0.04%         | -0.004%       |
| 22        | 5.515       | 5.509        | 5.548      | PH       | -91            | -4282        | -0.07%         | -0.008%       |
| 23        | 5.590       | 5.548        | 5.622      | PH       | -154           | -8395        | -0.14%         | -0.015%       |
| 24        | 5.642       | 5.622        | 5.702      | PH       | -84            | -8181        | -0.13%         | -0.015%       |
| 25        | 5.729       | 5.702        | 5.745      | PH       | -66            | -2843        | -0.05%         | -0.005%       |
| 26        | 5.759       | 5.745        | 5.818      | PH       | -18            | -5096        | -0.08%         | -0.009%       |
| 27        | 5.835       | 5.818        | 5.899      | PH       | -171           | -10758       | -0.18%         | -0.020%       |
| 28        | 5.912       | 5.899        | 5.948      | PH       | -188           | -7267        | -0.12%         | -0.013%       |
| 29        | 5.966       | 5.948        | 5.982      | PH       | -172           | -4339        | -0.07%         | -0.008%       |
| 30        | 6.011       | 5.982        | 6.085      | PH       | 1562           | 8116         | 0.13%          | 0.015%        |
| 31        | 6.098       | 6.085        | 6.135      | PH       | -172           | -6916        | -0.11%         | -0.013%       |
| 32        | 6.156       | 6.135        | 6.174      | PH       | -18            | -2890        | -0.05%         | -0.005%       |
| 33        | 6.188       | 6.174        | 6.199      | PH       | -172           | -3114        | -0.05%         | -0.006%       |
| 34        | 6.209       | 6.199        | 6.265      | PH       | -236           | -9473        | -0.15%         | -0.017%       |
| 35        | 6.283       | 6.265        | 6.315      | PH       | -124           | -6404        | -0.10%         | -0.012%       |
| 36        | 6.319       | 6.315        | 6.333      | PH       | -170           | -2470        | -0.04%         | -0.004%       |

| rteres.txt |       |       |       |    |      |        |        |         |
|------------|-------|-------|-------|----|------|--------|--------|---------|
| 37         | 6.358 | 6.333 | 6.382 | PH | -194 | -6378  | -0.10% | -0.012% |
| 38         | 6.398 | 6.382 | 6.418 | PH | -179 | -4674  | -0.08% | -0.008% |
| 39         | 6.441 | 6.418 | 6.482 | PH | 25   | -7529  | -0.12% | -0.014% |
| 40         | 6.502 | 6.482 | 6.545 | PH | -260 | -11240 | -0.18% | -0.020% |
|            |       |       |       |    |      |        |        |         |
| 41         | 6.588 | 6.545 | 6.625 | PH | -145 | -11827 | -0.19% | -0.021% |
| 42         | 6.639 | 6.625 | 6.652 | PH | -222 | -3977  | -0.06% | -0.007% |
| 43         | 6.661 | 6.652 | 6.682 | PH | -229 | -4849  | -0.08% | -0.009% |
| 44         | 6.696 | 6.682 | 6.705 | PH | -240 | -3721  | -0.06% | -0.007% |
| 45         | 6.720 | 6.705 | 6.741 | PH | -198 | -5285  | -0.09% | -0.010% |
|            |       |       |       |    |      |        |        |         |
| 46         | 6.769 | 6.741 | 6.809 | PH | -135 | -7571  | -0.12% | -0.014% |
| 47         | 6.846 | 6.809 | 6.895 | PH | -44  | -9103  | -0.15% | -0.017% |
| 48         | 6.962 | 6.895 | 6.988 | PH | -71  | -7356  | -0.12% | -0.013% |
| 49         | 7.007 | 6.988 | 7.031 | PH | -38  | -2136  | -0.03% | -0.004% |
| 50         | 7.071 | 7.031 | 7.132 | PH | 1544 | 15853  | 0.26%  | 0.029%  |
|            |       |       |       |    |      |        |        |         |
| 51         | 7.147 | 7.132 | 7.185 | PH | -25  | -2358  | -0.04% | -0.004% |
| 52         | 7.206 | 7.185 | 7.302 | PH | 1424 | 8231   | 0.13%  | 0.015%  |
| 53         | 7.324 | 7.302 | 7.338 | PH | -148 | -4121  | -0.07% | -0.007% |
| 54         | 7.368 | 7.338 | 7.402 | PH | 268  | -1604  | -0.03% | -0.003% |
| 55         | 7.412 | 7.402 | 7.435 | PH | -190 | -4674  | -0.08% | -0.008% |
|            |       |       |       |    |      |        |        |         |
| 56         | 7.457 | 7.435 | 7.509 | PH | -189 | -11363 | -0.19% | -0.021% |
| 57         | 7.545 | 7.509 | 7.562 | PH | -163 | -8157  | -0.13% | -0.015% |
| 58         | 7.596 | 7.562 | 7.614 | PH | -206 | -8511  | -0.14% | -0.015% |
| 59         | 7.626 | 7.614 | 7.637 | PH | -257 | -4007  | -0.07% | -0.007% |
| 60         | 7.658 | 7.637 | 7.702 | PH | -210 | -10322 | -0.17% | -0.019% |
|            |       |       |       |    |      |        |        |         |
| 61         | 7.712 | 7.702 | 7.725 | PH | -216 | -3587  | -0.06% | -0.007% |
| 62         | 7.796 | 7.725 | 7.865 | PH | 71   | -13267 | -0.22% | -0.024% |
| 63         | 7.894 | 7.865 | 7.913 | PH | -79  | -3855  | -0.06% | -0.007% |
| 64         | 7.958 | 7.913 | 8.013 | PH | 259  | 5277   | 0.09%  | 0.010%  |
| 65         | 8.061 | 8.013 | 8.111 | PH | 728  | 16835  | 0.27%  | 0.031%  |
|            |       |       |       |    |      |        |        |         |
| 66         | 8.173 | 8.111 | 8.189 | HH | 1561 | 26283  | 0.43%  | 0.048%  |
| 67         | 8.201 | 8.189 | 8.216 | HH | 1109 | 15179  | 0.25%  | 0.028%  |
| 68         | 8.237 | 8.216 | 8.271 | HH | 1348 | 27806  | 0.45%  | 0.050%  |
| 69         | 8.306 | 8.271 | 8.320 | HH | 2364 | 35762  | 0.58%  | 0.065%  |
| 70         | 8.359 | 8.320 | 8.431 | HH | 4462 | 130398 | 2.13%  | 0.237%  |
|            |       |       |       |    |      |        |        |         |
| 71         | 8.447 | 8.431 | 8.552 | HH | 611  | 16258  | 0.26%  | 0.030%  |
| 72         | 8.654 | 8.552 | 8.683 | HH | 1713 | 39130  | 0.64%  | 0.071%  |
| 73         | 8.700 | 8.683 | 8.752 | HH | 740  | 19291  | 0.31%  | 0.035%  |
| 74         | 8.776 | 8.752 | 8.801 | HH | 544  | 10702  | 0.17%  | 0.019%  |
| 75         | 8.831 | 8.801 | 8.867 | HH | 652  | 17988  | 0.29%  | 0.033%  |
|            |       |       |       |    |      |        |        |         |
| 76         | 8.892 | 8.867 | 8.914 | HH | 937  | 17499  | 0.29%  | 0.032%  |
| 77         | 8.928 | 8.914 | 8.947 | HH | 719  | 11405  | 0.19%  | 0.021%  |
| 78         | 8.968 | 8.947 | 9.005 | HH | 847  | 21228  | 0.35%  | 0.039%  |
| 79         | 9.014 | 9.005 | 9.040 | HH | 548  | 8831   | 0.14%  | 0.016%  |
| 80         | 9.064 | 9.040 | 9.088 | HH | 1455 | 21927  | 0.36%  | 0.040%  |
|            |       |       |       |    |      |        |        |         |
| 81         | 9.107 | 9.088 | 9.142 | HH | 908  | 17423  | 0.28%  | 0.032%  |
| 82         | 9.161 | 9.142 | 9.194 | HH | 442  | 9901   | 0.16%  | 0.018%  |
| 83         | 9.222 | 9.194 | 9.237 | HH | 895  | 15052  | 0.25%  | 0.027%  |
| 84         | 9.252 | 9.237 | 9.275 | HH | 823  | 14351  | 0.23%  | 0.026%  |
| 85         | 9.306 | 9.275 | 9.335 | HH | 1187 | 29341  | 0.48%  | 0.053%  |
|            |       |       |       |    |      |        |        |         |
| 86         | 9.356 | 9.335 | 9.382 | HH | 968  | 20445  | 0.33%  | 0.037%  |
| 87         | 9.402 | 9.382 | 9.415 | HH | 1206 | 20694  | 0.34%  | 0.038%  |
| 88         | 9.443 | 9.415 | 9.505 | HH | 3462 | 100768 | 1.64%  | 0.183%  |
| 89         | 9.519 | 9.505 | 9.555 | HH | 1214 | 27622  | 0.45%  | 0.050%  |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 90  | 9.591  | 9.555  | 9.611  | HH | 1380       | 36206  | 0.59% | 0.066% |
| 91  | 9.621  | 9.611  | 9.635  | HH | 1067       | 14055  | 0.23% | 0.026% |
| 92  | 9.653  | 9.635  | 9.692  | HH | 1159       | 32619  | 0.53% | 0.059% |
| 93  | 9.705  | 9.692  | 9.738  | HH | 931        | 22906  | 0.37% | 0.042% |
| 94  | 9.764  | 9.738  | 9.825  | HH | 1314       | 48538  | 0.79% | 0.088% |
| 95  | 9.847  | 9.825  | 9.873  | HH | 1671       | 35523  | 0.58% | 0.064% |
| 96  | 9.893  | 9.873  | 9.988  | HH | 1422       | 62119  | 1.01% | 0.113% |
| 97  | 10.003 | 9.988  | 10.011 | HH | 667        | 8829   | 0.14% | 0.016% |
| 98  | 10.025 | 10.011 | 10.104 | HH | 717        | 32797  | 0.53% | 0.060% |
| 99  | 10.128 | 10.104 | 10.170 | HH | 552        | 20964  | 0.34% | 0.038% |
| 100 | 10.194 | 10.170 | 10.214 | HH | 945        | 19979  | 0.33% | 0.036% |
| 101 | 10.236 | 10.214 | 10.262 | HH | 1106       | 24992  | 0.41% | 0.045% |
| 102 | 10.330 | 10.262 | 10.354 | HH | 2352       | 82005  | 1.34% | 0.149% |
| 103 | 10.372 | 10.354 | 10.406 | HH | 1765       | 44131  | 0.72% | 0.080% |
| 104 | 10.449 | 10.406 | 10.485 | HH | 1929       | 70978  | 1.16% | 0.129% |
| 105 | 10.509 | 10.485 | 10.548 | HH | 1680       | 56981  | 0.93% | 0.103% |
| 106 | 10.586 | 10.548 | 10.632 | HH | 2410       | 86346  | 1.41% | 0.157% |
| 107 | 10.657 | 10.632 | 10.708 | HH | 2462       | 80894  | 1.32% | 0.147% |
| 108 | 10.735 | 10.708 | 10.765 | HH | 1520       | 47720  | 0.78% | 0.087% |
| 109 | 10.783 | 10.765 | 10.791 | HH | 1374       | 21131  | 0.34% | 0.038% |
| 110 | 10.855 | 10.791 | 10.904 | HH | 7229       | 200656 | 3.27% | 0.364% |
| 111 | 10.931 | 10.904 | 11.084 | HH | 3909       | 240771 | 3.92% | 0.437% |
| 112 | 11.158 | 11.084 | 11.186 | HH | 2440       | 110442 | 1.80% | 0.200% |
| 113 | 11.219 | 11.186 | 11.235 | HH | 2015       | 55838  | 0.91% | 0.101% |
| 114 | 11.252 | 11.235 | 11.265 | HH | 2026       | 35380  | 0.58% | 0.064% |
| 115 | 11.292 | 11.265 | 11.318 | HH | 3047       | 74802  | 1.22% | 0.136% |
| 116 | 11.346 | 11.318 | 11.354 | HH | 2278       | 46321  | 0.75% | 0.084% |
| 117 | 11.382 | 11.354 | 11.425 | HH | 3293       | 106740 | 1.74% | 0.194% |
| 118 | 11.449 | 11.425 | 11.474 | HH | 2343       | 64744  | 1.06% | 0.118% |
| 119 | 11.509 | 11.474 | 11.575 | HH | 2669       | 146902 | 2.39% | 0.267% |
| 120 | 11.585 | 11.575 | 11.607 | HH | 2398       | 46404  | 0.76% | 0.084% |
| 121 | 11.616 | 11.607 | 11.628 | HH | 2377       | 29304  | 0.48% | 0.053% |
| 122 | 11.662 | 11.628 | 11.674 | HH | 4662       | 99855  | 1.63% | 0.181% |
| 123 | 11.691 | 11.674 | 11.737 | HH | 5048       | 150401 | 2.45% | 0.273% |
| 124 | 11.777 | 11.737 | 11.823 | HH | 5438       | 221961 | 3.62% | 0.403% |
| 125 | 11.841 | 11.823 | 11.888 | HH | 5154       | 156414 | 2.55% | 0.284% |
| 126 | 11.964 | 11.888 | 12.008 | HH | 3937       | 233715 | 3.81% | 0.424% |
| 127 | 12.060 | 12.008 | 12.104 | HH | 3478       | 184504 | 3.01% | 0.335% |
| 128 | 12.134 | 12.104 | 12.152 | HH | 3561       | 95260  | 1.55% | 0.173% |
| 129 | 12.221 | 12.152 | 12.262 | HH | 4846       | 253973 | 4.14% | 0.461% |
| 130 | 12.278 | 12.262 | 12.301 | HH | 3685       | 84001  | 1.37% | 0.152% |
| 131 | 12.409 | 12.301 | 12.438 | HH | 4123       | 319826 | 5.21% | 0.581% |
| 132 | 12.462 | 12.438 | 12.499 | HH | 4727       | 159499 | 2.60% | 0.290% |
| 133 | 12.571 | 12.499 | 12.588 | HH | 6788       | 273507 | 4.46% | 0.496% |
| 134 | 12.606 | 12.588 | 12.658 | HH | 6951       | 250972 | 4.09% | 0.456% |
| 135 | 12.690 | 12.658 | 12.762 | HH | 10174      | 420728 | 6.86% | 0.764% |
| 136 | 12.830 | 12.762 | 12.901 | HH | 7681       | 488427 | 7.96% | 0.887% |
| 137 | 12.933 | 12.901 | 12.955 | HH | 6180       | 188513 | 3.07% | 0.342% |
| 138 | 12.993 | 12.955 | 13.028 | HH | 10887      | 370662 | 6.04% | 0.673% |
| 139 | 13.043 | 13.028 | 13.147 | HH | 7709       | 487829 | 7.95% | 0.885% |
| 140 | 13.163 | 13.147 | 13.182 | HH | 6210       | 127422 | 2.08% | 0.231% |
| 141 | 13.193 | 13.182 | 13.200 | HH | 6130       | 69086  | 1.13% | 0.125% |

|     |        |        |        |    |                         |         |          |         |
|-----|--------|--------|--------|----|-------------------------|---------|----------|---------|
|     |        |        |        |    | rteres.txt              |         |          |         |
| 142 | 13.220 | 13.200 | 13.242 | HH | 6826                    | 158766  | 2.59%    | 0.288%  |
| 143 | 13.266 | 13.242 | 13.274 | HH | 6772                    | 127997  | 2.09%    | 0.232%  |
| 144 | 13.282 | 13.274 | 13.298 | HH | 6776                    | 95858   | 1.56%    | 0.174%  |
| 145 | 13.323 | 13.298 | 13.365 | HH | 7111                    | 270580  | 4.41%    | 0.491%  |
| 146 | 13.455 | 13.365 | 13.527 | HH | 7812                    | 700785  | 11.42%   | 1.272%  |
| 147 | 13.588 | 13.527 | 13.654 | HH | 10297                   | 672525  | 10.96%   | 1.221%  |
| 148 | 13.698 | 13.654 | 13.792 | HH | 11127                   | 824790  | 13.44%   | 1.497%  |
| 149 | 13.815 | 13.792 | 13.835 | HH | 10594                   | 265368  | 4.33%    | 0.482%  |
| 150 | 13.862 | 13.835 | 13.883 | HH | 10787                   | 303873  | 4.95%    | 0.552%  |
| 151 | 13.901 | 13.883 | 13.945 | HH | 10746                   | 384881  | 6.27%    | 0.699%  |
| 152 | 13.955 | 13.945 | 13.965 | HH | 9872                    | 116030  | 1.89%    | 0.211%  |
| 153 | 14.041 | 13.965 | 14.092 | HH | 10582                   | 777039  | 12.67%   | 1.410%  |
| 154 | 14.111 | 14.092 | 14.122 | HH | 10244                   | 186761  | 3.04%    | 0.339%  |
| 155 | 14.202 | 14.122 | 14.215 | HH | 11225                   | 590691  | 9.63%    | 1.072%  |
| 156 | 14.324 | 14.215 | 14.354 | HH | 12976                   | 1007195 | 16.42%   | 1.828%  |
| 157 | 14.379 | 14.354 | 14.402 | HH | 13491                   | 371925  | 6.06%    | 0.675%  |
| 158 | 14.443 | 14.402 | 14.479 | HH | 13730                   | 623055  | 10.16%   | 1.131%  |
| 159 | 14.573 | 14.479 | 14.617 | HH | 14864                   | 1184373 | 19.30%   | 2.150%  |
| 160 | 14.636 | 14.617 | 14.648 | HH | 14591                   | 270011  | 4.40%    | 0.490%  |
| 161 | 14.713 | 14.648 | 14.795 | HH | 21873                   | 1435966 | 23.41%   | 2.606%  |
| 162 | 14.920 | 14.795 | 14.989 | HH | 20471                   | 2095486 | 34.15%   | 3.804%  |
| 163 | 15.075 | 14.989 | 15.098 | HH | 19755                   | 1230206 | 20.05%   | 2.233%  |
| 164 | 15.113 | 15.098 | 15.149 | HH | 19268                   | 580857  | 9.47%    | 1.054%  |
| 165 | 15.306 | 15.149 | 15.345 | HH | 23376                   | 2441357 | 39.79%   | 4.431%  |
| 166 | 15.382 | 15.345 | 15.392 | HH | 22177                   | 625858  | 10.20%   | 1.136%  |
| 167 | 15.401 | 15.392 | 15.415 | HH | 22100                   | 303213  | 4.94%    | 0.550%  |
| 168 | 15.448 | 15.415 | 15.468 | HH | 23490                   | 733301  | 11.95%   | 1.331%  |
| 169 | 15.591 | 15.468 | 15.603 | HH | 25852                   | 1984737 | 32.35%   | 3.603%  |
| 170 | 15.608 | 15.603 | 15.639 | HH | 25583                   | 551592  | 8.99%    | 1.001%  |
| 171 | 15.745 | 15.639 | 15.767 | HH | 28960                   | 2081757 | 33.93%   | 3.779%  |
| 172 | 15.781 | 15.767 | 15.789 | HH | 28584                   | 374800  | 6.11%    | 0.680%  |
| 173 | 15.800 | 15.789 | 15.809 | HH | 28665                   | 344070  | 5.61%    | 0.625%  |
| 174 | 15.889 | 15.809 | 15.913 | HH | 29357                   | 1803271 | 29.39%   | 3.273%  |
| 175 | 15.951 | 15.913 | 15.965 | HH | 30754                   | 946769  | 15.43%   | 1.719%  |
| 176 | 16.064 | 15.965 | 16.118 | HH | 32864                   | 2946786 | 48.03%   | 5.349%  |
| 177 | 16.248 | 16.118 | 16.290 | HH | 36405                   | 3586778 | 58.46%   | 6.510%  |
| 178 | 16.516 | 16.290 | 16.551 | HH | 42131                   | 6135273 | 100.00%  | 11.136% |
| 179 | 16.603 | 16.551 | 16.612 | HH | 43463                   | 1558461 | 25.40%   | 2.829%  |
| 180 | 16.708 | 16.612 | 16.718 | HH | 44906                   | 2805598 | 45.73%   | 5.093%  |
| 181 | 16.792 | 16.718 | 16.811 | HH | 47738                   | 2567833 | 41.85%   | 4.661%  |
| 182 | 16.865 | 16.811 | 16.878 | HH | 49255                   | 1962892 | 31.99%   | 3.563%  |
|     |        |        |        |    | Sum of corrected areas: |         | 55092363 |         |

FG112818.M Wed Dec 12 09:04:00 2018