

rtres

Instrument :

FID_F

ClientSampleId :

TP-38

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052125.M
Data File : FF015884.D
Signal(s) : FID2B.ch
Acq On : 21 May 2025 15:12
Sample : Q2074-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/22/2025
Supervised By :mohammad ahmed 05/23/2025

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.008	4.000	4.014	BV	63	156	0.01%	0.001%
2	4.018	4.014	4.037	PV	104	559	0.02%	0.002%
3	4.043	4.037	4.067	VV	130	1045	0.04%	0.004%
4	4.076	4.067	4.093	PV	136	762	0.03%	0.003%
5	4.096	4.093	4.103	VV	101	360	0.01%	0.001%
6	4.109	4.103	4.128	VV	154	1156	0.04%	0.004%
7	4.131	4.128	4.138	VV	80	401	0.02%	0.001%
8	4.153	4.138	4.158	VV	163	959	0.04%	0.003%
9	4.164	4.158	4.182	VV	156	1426	0.05%	0.005%
10	4.188	4.182	4.192	VV	98	478	0.02%	0.002%
11	4.210	4.192	4.225	PV	147	1702	0.06%	0.006%
12	4.236	4.225	4.242	VV	165	1039	0.04%	0.004%
13	4.247	4.242	4.258	VV	155	1030	0.04%	0.004%
14	4.263	4.258	4.277	VV	130	1108	0.04%	0.004%
15	4.280	4.277	4.291	VV	173	845	0.03%	0.003%
16	4.299	4.291	4.303	VV	143	671	0.03%	0.002%
17	4.306	4.303	4.319	VV	123	815	0.03%	0.003%
18	4.326	4.319	4.341	VV	104	1079	0.04%	0.004%
19	4.384	4.341	4.398	VV	277	4213	0.16%	0.015%
20	4.403	4.398	4.422	VV	156	1631	0.06%	0.006%
21	4.426	4.422	4.433	VV	153	718	0.03%	0.003%
22	4.439	4.433	4.453	VV	167	1505	0.06%	0.005%
23	4.464	4.453	4.476	VV	155	1504	0.06%	0.005%
24	4.488	4.476	4.527	VV	145	2627	0.10%	0.009%
25	4.532	4.527	4.544	VV	154	671	0.03%	0.002%
26	4.549	4.544	4.556	PV	108	446	0.02%	0.002%
27	4.569	4.556	4.578	VV	134	1051	0.04%	0.004%
28	4.585	4.578	4.597	VV	104	697	0.03%	0.002%
29	4.603	4.597	4.611	VV	81	410	0.02%	0.001%
30	4.615	4.611	4.630	PV	99	642	0.02%	0.002%
31	4.683	4.630	4.696	VV	361	4931	0.19%	0.017%
32	4.698	4.696	4.703	VV	240	906	0.03%	0.003%
33	4.710	4.703	4.726	VV	248	2474	0.09%	0.009%
34	4.730	4.726	4.737	VV	215	1113	0.04%	0.004%
35	4.742	4.737	4.748	VV	193	915	0.03%	0.003%
36	4.761	4.748	4.769	VV	214	1981	0.07%	0.007%

					retention				
37	4.773	4.769	4.797	VV	230	2228	0.08%	0.008%	
38	4.801	4.797	4.804	VV	116	420			
39	4.844	4.804	4.855	VV	196	3323			
40	4.879	4.855	4.883	VV	241	2855			
41	4.887	4.883	4.893	VV	219	1019			
42	4.897	4.893	4.917	VV	190	2346			
43	4.925	4.917	4.944	VV	201	2405	0.09%	0.008%	
44	4.961	4.944	4.966	VV	196	1924	0.07%	0.007%	
45	4.972	4.966	4.985	VV	166	1383	0.05%	0.005%	
46	4.995	4.985	5.011	VV	159	1717	0.07%	0.006%	
47	5.015	5.011	5.042	VB	119	1518	0.06%	0.005%	
48	5.055	5.047	5.062	BV	75	431	0.02%	0.002%	
49	5.064	5.062	5.101	VV	129	1396	0.05%	0.005%	
50	5.110	5.101	5.118	PV	99	495	0.02%	0.002%	
51	5.126	5.118	5.132	VV	124	643	0.02%	0.002%	
52	5.153	5.132	5.169	VV	173	2083	0.08%	0.007%	
53	5.173	5.169	5.189	VV	151	1158	0.04%	0.004%	
54	5.196	5.189	5.203	VV	126	791	0.03%	0.003%	
55	5.206	5.203	5.226	VV	112	1051	0.04%	0.004%	
56	5.233	5.226	5.248	VV	104	988	0.04%	0.003%	
57	5.255	5.248	5.267	VV	149	1058	0.04%	0.004%	
58	5.268	5.267	5.273	VV	123	360	0.01%	0.001%	
59	5.283	5.273	5.290	VV	153	968	0.04%	0.003%	
60	5.298	5.290	5.316	VV	156	1873	0.07%	0.007%	
61	5.320	5.316	5.326	VV	162	594	0.02%	0.002%	
62	5.330	5.326	5.349	VV	176	1621	0.06%	0.006%	
63	5.355	5.349	5.364	VV	194	1250	0.05%	0.004%	
64	5.367	5.364	5.388	VV	183	2234	0.08%	0.008%	
65	5.390	5.388	5.412	VV	208	2162	0.08%	0.008%	
66	5.419	5.412	5.433	VV	247	2183	0.08%	0.008%	
67	5.445	5.433	5.473	VV	216	3839	0.15%	0.014%	
68	5.475	5.473	5.487	VV	196	1477	0.06%	0.005%	
69	5.494	5.487	5.498	VV	244	1061	0.04%	0.004%	
70	5.503	5.498	5.507	VV	265	1155	0.04%	0.004%	
71	5.514	5.507	5.528	VV	251	2386	0.09%	0.008%	
72	5.532	5.528	5.543	VV	237	1976	0.07%	0.007%	
73	5.554	5.543	5.576	VV	289	4574	0.17%	0.016%	
74	5.582	5.576	5.590	VV	300	2082	0.08%	0.007%	
75	5.594	5.590	5.609	VV	354	3178	0.12%	0.011%	
76	5.613	5.609	5.619	VV	327	1761	0.07%	0.006%	
77	5.622	5.619	5.629	VV	344	1696	0.06%	0.006%	
78	5.634	5.629	5.640	VV	331	2000	0.08%	0.007%	
79	5.652	5.640	5.663	VV	369	4169	0.16%	0.015%	
80	5.666	5.663	5.676	VV	359	2666	0.10%	0.009%	
81	5.688	5.676	5.691	VV	388	3150	0.12%	0.011%	
82	5.697	5.691	5.704	VV	415	2737	0.10%	0.010%	
83	5.708	5.704	5.713	VV	394	1813	0.07%	0.006%	
84	5.732	5.713	5.738	VV	423	5414	0.20%	0.019%	
85	5.753	5.738	5.770	VV	460	8190	0.31%	0.029%	
86	5.775	5.770	5.798	VV	521	7712	0.29%	0.027%	
87	5.803	5.798	5.808	VV	571	3093	0.12%	0.011%	
88	5.816	5.808	5.836	VV	577	8773	0.33%	0.031%	
89	5.837	5.836	5.843	VV	618	2155	0.08%	0.008%	

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90	5.850	5.843	5.854	VV	567	3823	0.14%	0.013%
91	5.859	5.854	5.881	VV	599	8790		
92	5.894	5.881	5.914	VV	718	11987		
93	5.920	5.914	5.936	VV	673	8267		
94	5.957	5.936	5.962	VV	713	9600		
95	5.970	5.962	5.986	VV	697	9679		
96	5.993	5.986	6.048	VV	772	25740	0.97%	0.091%
97	6.052	6.048	6.081	VV	740	14093	0.53%	0.050%
98	6.084	6.081	6.097	VV	699	6674	0.25%	0.024%
99	6.113	6.097	6.124	VV	765	11770	0.45%	0.041%
100	6.129	6.124	6.169	VV	795	20047	0.76%	0.071%
101	6.179	6.169	6.197	VV	813	12852	0.49%	0.045%
102	6.201	6.197	6.212	VV	867	6813	0.26%	0.024%
103	6.225	6.212	6.246	VV	868	16374	0.62%	0.058%
104	6.275	6.246	6.293	VV	962	24974	0.95%	0.088%
105	6.298	6.293	6.304	VV	972	6210	0.24%	0.022%
106	6.335	6.304	6.365	VV	1227	40685	1.54%	0.143%
107	6.385	6.365	6.423	VV	1213	40474	1.53%	0.143%
108	6.442	6.423	6.488	VV	1417	46803	1.77%	0.165%
109	6.492	6.488	6.495	VV	1117	5203	0.20%	0.018%
110	6.500	6.495	6.522	VV	1111	17983	0.68%	0.063%
111	6.527	6.522	6.549	VV	1137	17245	0.65%	0.061%
112	6.564	6.549	6.570	VV	1161	14332	0.54%	0.050%
113	6.573	6.570	6.590	VV	1151	13396	0.51%	0.047%
114	6.593	6.590	6.620	VV	1146	19903	0.75%	0.070%
115	6.622	6.620	6.632	VV	1147	7534	0.29%	0.027%
116	6.642	6.632	6.690	VV	1191	39775	1.51%	0.140%
117	6.695	6.690	6.710	VV	1242	14624	0.55%	0.051%
118	6.718	6.710	6.723	VV	1191	9107	0.34%	0.032%
119	6.729	6.723	6.744	VV	1232	14733	0.56%	0.052%
120	6.751	6.744	6.756	VV	1229	8802	0.33%	0.031%
121	6.760	6.756	6.792	VV	1238	25905	0.98%	0.091%
122	6.796	6.792	6.845	VV	1257	39408	1.49%	0.139%
123	6.851	6.845	6.865	VV	1255	14211	0.54%	0.050%
124	6.882	6.865	6.887	VV	1269	16457	0.62%	0.058%
125	6.897	6.887	6.910	VV	1309	17665	0.67%	0.062%
126	6.914	6.910	6.924	VV	1288	10243	0.39%	0.036%
127	6.936	6.924	6.977	VV	1353	42372	1.60%	0.149%
128	6.988	6.977	6.995	VV	1376	14542	0.55%	0.051%
129	6.998	6.995	7.008	VV	1376	10433	0.39%	0.037%
130	7.016	7.008	7.047	VV	1368	31181	1.18%	0.110%
131	7.050	7.047	7.056	VV	1380	7266	0.28%	0.026%
132	7.066	7.056	7.078	VV	1415	18461	0.70%	0.065%
133	7.084	7.078	7.094	VV	1442	13859	0.52%	0.049%
134	7.101	7.094	7.134	VV	1476	33396	1.26%	0.118%
135	7.140	7.134	7.167	VV	1520	28711	1.09%	0.101%
136	7.189	7.167	7.207	VV	1545	35367	1.34%	0.125%
137	7.233	7.207	7.241	VV	1647	32834	1.24%	0.116%
138	7.291	7.241	7.302	VV	2143	70547	2.67%	0.248%
139	7.316	7.302	7.379	VV	2162	88946	3.37%	0.313%
140	7.387	7.379	7.419	VV	1793	41506	1.57%	0.146%
141	7.429	7.419	7.437	VV	1871	18454	0.70%	0.065%

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					rters			
142	7.441	7.437	7.449	VV	1638	12332	0.47%	0.043%
143	7.461	7.449	7.467	VV	1783	18027		
144	7.477	7.467	7.481	VV	1795	14279		
145	7.487	7.481	7.547	VV	1919	67323		
146	7.561	7.547	7.567	VV	1864	20979		
147	7.624	7.567	7.659	VV	2053	99500		
148	7.666	7.659	7.745	VV	2379	100253	3.79%	0.353%
149	7.756	7.745	7.777	VV	2039	38695	1.46%	0.136%
150	7.784	7.777	7.794	VV	2069	20306	0.77%	0.072%
151	7.801	7.794	7.876	VV	2074	101432	3.84%	0.357%
152	7.882	7.876	7.899	VV	2078	27851	1.05%	0.098%
153	7.989	7.899	8.070	VV	3327	260317	9.85%	0.917%
154	8.098	8.070	8.174	VV	2655	150193	5.68%	0.529%
155	8.204	8.174	8.320	VV	2582	210928	7.98%	0.743%
156	8.327	8.320	8.378	VV	2360	81255	3.08%	0.286%
157	8.392	8.378	8.423	VV	2414	64384	2.44%	0.227%
158	8.475	8.423	8.483	VV	2516	87472	3.31%	0.308%
159	8.589	8.483	8.644	VV	3193	262953	9.95%	0.926%
160	8.701	8.644	8.790	VV	4534	288351	10.91%	1.015%
161	8.799	8.790	8.835	VV	2980	79533	3.01%	0.280%
162	8.845	8.835	8.858	VV	2997	40824	1.55%	0.144%
163	8.884	8.858	8.939	VV	3150	146266	5.54%	0.515%
164	8.967	8.939	9.001	VV	3248	114978	4.35%	0.405%
165	9.016	9.001	9.062	VV	3211	112938	4.27%	0.398%
166	9.073	9.062	9.119	VV	3143	103588	3.92%	0.365%
167	9.144	9.119	9.187	VV	3109	123308	4.67%	0.434%
168	9.221	9.187	9.230	VV	3140	81062	3.07%	0.285%
169	9.247	9.230	9.255	VV	3221	46661	1.77%	0.164%
170	9.264	9.255	9.303	VV	3220	91623	3.47%	0.323%
171	9.324	9.303	9.379	VV	3501	151214	5.72%	0.532%
172	9.433	9.379	9.529	VV	5009	335848	12.71%	1.183%
173	9.571	9.529	9.707	VV	3852	378609	14.33%	1.333%
174	9.724	9.707	9.749	VV	3627	88431	3.35%	0.311%
175	9.762	9.749	9.812	VV	3671	135147	5.12%	0.476%
176	9.921	9.812	10.004	VV	4429	448543	16.98%	1.580%
177	10.029	10.004	10.124	VV	5648	310333	11.75%	1.093%
178	10.129	10.124	10.149	VV	4016	60268	2.28%	0.212%
179	10.178	10.149	10.384	VV	9004	963699	36.48%	3.394%
180	10.390	10.384	10.504	VV	5730	384909	14.57%	1.355%
181	10.523	10.504	10.554	VV	5418	156267	5.91%	0.550%
182	10.566	10.554	10.654	VV	5220	300912	11.39%	1.060%
183	10.664	10.654	10.694	VV	4962	118901	4.50%	0.419%
184	10.726	10.694	10.844	VV	5996	460116	17.42%	1.620%
185	10.881	10.844	10.905	VV	5120	182587	6.91%	0.643%
186	10.984	10.905	11.005	VV	5234	305791	11.57%	1.077%
187	11.036	11.005	11.092	VV	5146	262232	9.93%	0.923%
188	11.099	11.092	11.106	VV	5037	42539	1.61%	0.150%
189	11.123	11.106	11.140	VV	5146	103860	3.93%	0.366%
190	11.184	11.140	11.230	VV	5341	279212	10.57%	0.983%
191	11.279	11.230	11.370	VV	6541	479011	18.13%	1.687%
192	11.381	11.370	11.415	VV	5425	144342	5.46%	0.508%
193	11.433	11.415	11.475	VV	5477	191029	7.23%	0.673%
194	11.489	11.475	11.512	VV	5269	116570	4.41%	0.410%

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195	11.541	11.512	11.552	VV	5399	127223	4.82%	0.448%
196	11.574	11.552	11.603	VV	5498	166148		
197	11.627	11.603	11.683	VV	5664	262703		
198	11.712	11.683	11.740	VV	5940	193424		
199	11.781	11.740	11.812	VV	5872	246394		
200	11.829	11.812	11.869	VV	5722	190452		
201	11.890	11.869	11.912	VV	6091	150917	5.71%	0.531%
202	11.934	11.912	11.970	VV	6609	217583	8.24%	0.766%
203	11.981	11.970	12.004	VV	6145	124054	4.70%	0.437%
204	12.016	12.004	12.044	VV	6170	142202	5.38%	0.501%
205	12.069	12.044	12.089	VV	6410	165721	6.27%	0.584%
206	12.115	12.089	12.199	VV	7067	403447	15.27%	1.421%
207	12.226	12.199	12.246	VV	5971	169173	6.40%	0.596%
208	12.255	12.246	12.276	VV	6011	107621	4.07%	0.379%
209	12.288	12.276	12.309	VV	6097	117474	4.45%	0.414%
210	12.347	12.309	12.407	VV	6856	371971	14.08%	1.310%
211	12.435	12.407	12.489	VV	7533	332424	12.58%	1.171%
212	12.499	12.489	12.515	PV	6526	96769	3.66%	0.341%
213	12.544	12.515	12.834	VV	97036	2642006	100.00%	9.304%
214	12.864	12.834	12.903	VV	6285	256005	9.69%	0.901%
215	12.928	12.903	12.941	VV	6451	142875	5.41%	0.503%
216	12.952	12.941	12.973	VV	6282	116640	4.41%	0.411%
217	12.996	12.973	13.012	VV	7133	154144	5.83%	0.543%
218	13.028	13.012	13.150	VV	6513	481730	18.23%	1.696%
219	13.210	13.150	13.307	VV	6229	521011	19.72%	1.835%
220	13.350	13.307	13.515	VV	6385	682426	25.83%	2.403%
221	13.537	13.515	13.559	VV	5274	133580	5.06%	0.470%
222	13.599	13.559	13.615	VV	6517	192218	7.28%	0.677%
223	13.635	13.615	13.679	VV	7301	243297	9.21%	0.857%
224	13.691	13.679	13.747	VV	5854	216643	8.20%	0.763%
225	13.779	13.747	13.907	VV	28001	900962	34.10%	3.173%
226	13.919	13.907	13.962	VV	5134	163451	6.19%	0.576%
227	13.971	13.962	14.049	VV	4873	241214	9.13%	0.849%
228	14.086	14.049	14.105	VV	5527	161863	6.13%	0.570%
229	14.121	14.105	14.170	VV	5240	179854	6.81%	0.633%
230	14.176	14.170	14.238	VV	4220	166090	6.29%	0.585%
231	14.247	14.238	14.267	VV	4051	69838	2.64%	0.246%
232	14.325	14.267	14.337	VV	4038	166558	6.30%	0.587%
233	14.352	14.337	14.384	VV	3927	108336	4.10%	0.381%
234	14.397	14.384	14.442	VV	3797	130714	4.95%	0.460%
235	14.450	14.442	14.464	VV	3687	47192	1.79%	0.166%
236	14.484	14.464	14.506	VV	3838	94377	3.57%	0.332%
237	14.536	14.506	14.572	VV	4331	155939	5.90%	0.549%
238	14.582	14.572	14.630	VV	3884	129419	4.90%	0.456%
239	14.644	14.630	14.653	VV	3511	48017	1.82%	0.169%
240	14.685	14.653	14.719	VV	5373	159664	6.04%	0.562%
241	14.767	14.719	14.791	VV	3759	151182	5.72%	0.532%
242	14.815	14.791	14.824	VV	3692	69964	2.65%	0.246%
243	14.830	14.824	14.915	VV	3664	185655	7.03%	0.654%
244	14.940	14.915	14.977	VV	3668	125485	4.75%	0.442%
245	15.019	14.977	15.069	VV	118475	1821856	68.96%	6.416%
246	15.075	15.069	15.160	VV	3577	171201	6.48%	0.603%

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TP-38

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rters									
247	15.224	15.160	15.266	VV	6423	231282	8.75%	0.814%	
248	15.291	15.266	15.342	VV	2871	119711			
249	15.388	15.342	15.402	VV	2486	87991			
250	15.432	15.402	15.454	VV	2584	77300			
251	15.475	15.454	15.522	VV	2475	95500			
252	15.558	15.522	15.578	VV	2327	75546			
253	15.611	15.578	15.715	VV	27231	635061	24.04%	2.236%	
254	15.745	15.715	15.772	VV	7013	145692	5.51%	0.513%	
255	15.784	15.772	15.800	VV	2717	44897	1.70%	0.158%	
256	15.828	15.800	15.957	VV	3847	234404	8.87%	0.825%	
257	15.985	15.957	16.024	VV	2572	88540	3.35%	0.312%	
258	16.038	16.024	16.080	VV	2091	68021	2.57%	0.240%	
259	16.136	16.080	16.202	VV	2224	134112	5.08%	0.472%	
260	16.246	16.202	16.298	VV	6178	149810	5.67%	0.528%	
261	16.325	16.298	16.360	VV	1673	53494	2.02%	0.188%	
262	16.383	16.360	16.412	VV	1364	39758	1.50%	0.140%	
263	16.425	16.412	16.435	VV	1271	16088	0.61%	0.057%	
264	16.490	16.435	16.519	VV	1242	59411	2.25%	0.209%	
265	16.554	16.519	16.575	VV	1317	41339	1.56%	0.146%	
266	16.632	16.575	16.699	VV	3082	124709	4.72%	0.439%	
267	16.730	16.699	16.787	VV	6015	118281	4.48%	0.417%	
268	16.815	16.787	16.827	VV	1181	24839	0.94%	0.087%	
269	16.836	16.827	16.877	VV	1131	28472	1.08%	0.100%	
270	16.895	16.877	16.909	VV	853	15117	0.57%	0.053%	
271	16.943	16.909	16.965	VV	1033	31502	1.19%	0.111%	
272	16.969	16.965	16.992	VV	960	12892	0.49%	0.045%	
273	17.032	16.992	17.054	VV	1019	31452	1.19%	0.111%	
274	17.078	17.054	17.102	VV	1229	27517	1.04%	0.097%	
275	17.113	17.102	17.136	VV	729	13249	0.50%	0.047%	
276	17.196	17.136	17.224	VV	4880	85886	3.25%	0.302%	
277	17.247	17.224	17.272	VV	4802	73696	2.79%	0.260%	
278	17.286	17.272	17.347	VV	1294	26917	1.02%	0.095%	
279	17.361	17.347	17.397	VV	207	4138	0.16%	0.015%	
280	17.481	17.397	17.500	VBA	276	10384	0.39%	0.037%	

Sum of corrected areas: 28397715

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TP-38

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