

rtres

Instrument :

FID_F

ClientSampleId :

NORTH-SIDEMSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF09182
Data File : FF016400.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 15:50
Sample : Q3124-03MSD
Misc :
ALS Vial : 78 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/19/2025
Supervised By :mohammad ahmed 09/19/2025

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.457	4.429	4.486	BV	95	939	0.03%	0.002%
2	4.516	4.486	4.557	PV	2750	38250	1.36%	0.079%
3	4.586	4.557	4.649	VV	185951	1908088	67.79%	3.918%
4	4.665	4.649	4.675	VV	371	4753	0.17%	0.010%
5	4.696	4.675	4.737	VV	3474	41223	1.46%	0.085%
6	4.749	4.737	4.767	VV	696	8546	0.30%	0.018%
7	4.780	4.767	4.797	VV	546	7637	0.27%	0.016%
8	4.808	4.797	4.819	VV	445	5210	0.19%	0.011%
9	4.841	4.819	4.882	VV	3930	53487	1.90%	0.110%
10	4.897	4.882	4.931	VV	180	3470	0.12%	0.007%
11	4.957	4.931	5.021	VV	351	11042	0.39%	0.023%
12	5.030	5.021	5.047	VV	144	1563	0.06%	0.003%
13	5.051	5.047	5.064	VV	204	1299	0.05%	0.003%
14	5.071	5.064	5.085	VV	158	1151	0.04%	0.002%
15	5.096	5.085	5.113	VV	251	2097	0.07%	0.004%
16	5.130	5.113	5.172	PV	232	4819	0.17%	0.010%
17	5.182	5.172	5.198	VV	231	1700	0.06%	0.003%
18	5.218	5.198	5.231	VV	396	5163	0.18%	0.011%
19	5.243	5.231	5.257	VV	370	4173	0.15%	0.009%
20	5.277	5.257	5.304	VV	933	12858	0.46%	0.026%
21	5.324	5.304	5.360	VV	5719	57956	2.06%	0.119%
22	5.365	5.360	5.370	VV	143	554	0.02%	0.001%
23	5.379	5.370	5.395	VV	202	2062	0.07%	0.004%
24	5.403	5.395	5.420	VV	301	3469	0.12%	0.007%
25	5.423	5.420	5.434	VV	233	1403	0.05%	0.003%
26	5.438	5.434	5.456	VV	205	1511	0.05%	0.003%
27	5.490	5.456	5.508	VV	191	3615	0.13%	0.007%
28	5.529	5.508	5.555	VV	759	9996	0.36%	0.021%
29	5.566	5.555	5.588	VV	290	3671	0.13%	0.008%
30	5.595	5.588	5.603	VV	147	808	0.03%	0.002%
31	5.608	5.603	5.613	VV	128	595	0.02%	0.001%
32	5.631	5.613	5.638	VV	169	2079	0.07%	0.004%
33	5.666	5.638	5.709	VV	528	10460	0.37%	0.021%
34	5.730	5.709	5.743	VV	673	7827	0.28%	0.016%
35	5.761	5.743	5.775	VV	1043	13342	0.47%	0.027%
36	5.780	5.775	5.827	VV	761	9346	0.33%	0.019%

					retention			
37	5.844	5.827	5.859	VV	198	2014	0.07%	0.004%
38	5.883	5.859	5.934	VV	37318	370682	1.32%	0.007%
39	5.968	5.934	5.981	VV	769	11410	0.07%	0.004%
40	5.996	5.981	6.026	VV	1158	18550	0.06%	0.004%
41	6.043	6.026	6.060	VV	771	8336	0.09%	0.005%
42	6.103	6.060	6.154	VV	1537	36355	0.12%	0.007%
43	6.158	6.154	6.162	VV	387	1819	0.06%	0.004%
44	6.170	6.162	6.178	VV	427	3279	0.12%	0.007%
45	6.198	6.178	6.237	VV	1113	15936	0.57%	0.033%
46	6.263	6.237	6.283	VV	447	7598	0.27%	0.016%
47	6.299	6.283	6.355	VV	1988	34410	1.22%	0.071%
48	6.372	6.355	6.400	VV	736	13145	0.47%	0.027%
49	6.406	6.400	6.425	VV	434	5585	0.20%	0.011%
50	6.446	6.425	6.466	VV	913	12067	0.43%	0.025%
51	6.486	6.466	6.502	VV	999	12899	0.46%	0.026%
52	6.517	6.502	6.547	VV	772	10453	0.37%	0.021%
53	6.557	6.547	6.580	VV	322	4047	0.14%	0.008%
54	6.599	6.580	6.612	VV	773	9512	0.34%	0.020%
55	6.625	6.612	6.656	VV	826	17778	0.63%	0.037%
56	6.666	6.656	6.700	VV	903	13776	0.49%	0.028%
57	6.715	6.700	6.732	VV	412	5877	0.21%	0.012%
58	6.764	6.732	6.809	VV	200411	1997983	70.99%	4.102%
59	6.815	6.809	6.823	VV	413	3267	0.12%	0.007%
60	6.839	6.823	6.871	VV	1497	21599	0.77%	0.044%
61	6.888	6.871	6.910	VV	394	6847	0.24%	0.014%
62	6.923	6.910	6.943	VV	368	5477	0.19%	0.011%
63	6.957	6.943	6.964	VV	342	3420	0.12%	0.007%
64	6.969	6.964	6.985	VV	308	3241	0.12%	0.007%
65	6.989	6.985	7.000	VV	274	1819	0.06%	0.004%
66	7.007	7.000	7.015	VV	267	1374	0.05%	0.003%
67	7.037	7.015	7.066	VV	392	7483	0.27%	0.015%
68	7.082	7.066	7.090	VV	337	3624	0.13%	0.007%
69	7.096	7.090	7.123	VV	340	3408	0.12%	0.007%
70	7.135	7.123	7.152	PV	167	2139	0.08%	0.004%
71	7.169	7.152	7.180	VV	257	2471	0.09%	0.005%
72	7.196	7.180	7.219	VV	280	3372	0.12%	0.007%
73	7.244	7.219	7.281	VV	1827	24782	0.88%	0.051%
74	7.290	7.281	7.323	VV	472	7592	0.27%	0.016%
75	7.337	7.323	7.341	VV	290	2474	0.09%	0.005%
76	7.346	7.341	7.367	VV	282	2322	0.08%	0.005%
77	7.407	7.367	7.421	VV	626	10838	0.39%	0.022%
78	7.441	7.421	7.471	VV	645	10969	0.39%	0.023%
79	7.492	7.471	7.513	VV	555	9270	0.33%	0.019%
80	7.548	7.513	7.573	VV	714	17105	0.61%	0.035%
81	7.598	7.573	7.655	VV	1085	24551	0.87%	0.050%
82	7.665	7.655	7.697	VV	245	4138	0.15%	0.008%
83	7.716	7.697	7.754	VV	1352	22017	0.78%	0.045%
84	7.759	7.754	7.789	VV	469	6078	0.22%	0.012%
85	7.818	7.789	7.827	VV	271	4894	0.17%	0.010%
86	7.831	7.827	7.859	VV	320	3562	0.13%	0.007%
87	7.867	7.859	7.870	VV	117	579	0.02%	0.001%
88	7.881	7.870	7.885	VV	170	1209	0.04%	0.002%
89	7.890	7.885	7.895	VV	225	993	0.04%	0.002%

Instrument :

FID_F

ClientSampleId :

NORTH-SIDEMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/19/2025

Supervised By :mohammad ahmed 09/19/2025

							Instrument : FID_F	
							ClientSampleId : NORTH-SIDEMSD	
90	7.899	7.895	7.911	VV	216	1541	0.05%	0.003%
91	7.918	7.911	7.923	VV	158	807	Manual IntegrationsAPPROVED	
92	7.932	7.923	7.938	VV	291	1873		
93	7.940	7.938	7.958	VV	447	2369		
94	7.963	7.958	7.971	VV	138	797		
95	7.973	7.971	7.976	VV	104	262		
96	8.000	7.976	8.040	VV	1148	14610	0.52%	0.030%
97	8.058	8.040	8.087	VV	316	4600	0.16%	0.009%
98	8.089	8.087	8.093	VV	125	317	0.01%	0.001%
99	8.129	8.093	8.158	PV	2363	45691	1.62%	0.094%
100	8.170	8.158	8.235	VV	1667	31219	1.11%	0.064%
101	8.248	8.235	8.271	VV	274	4230	0.15%	0.009%
102	8.286	8.271	8.310	VV	377	4865	0.17%	0.010%
103	8.320	8.310	8.330	VV	184	1488	0.05%	0.003%
104	8.357	8.330	8.395	VV	372	7571	0.27%	0.016%
105	8.415	8.395	8.441	VV	1184	17484	0.62%	0.036%
106	8.455	8.441	8.479	VV	690	12745	0.45%	0.026%
107	8.487	8.479	8.503	VV	577	6028	0.21%	0.012%
108	8.509	8.503	8.535	VV	351	5287	0.19%	0.011%
109	8.597	8.535	8.650	VV	202193	2077806	73.82%	4.266%
110	8.655	8.650	8.689	VV	1035	20337	0.72%	0.042%
111	8.712	8.689	8.762	VV	2981	59570	2.12%	0.122%
112	8.766	8.762	8.771	VV	340	1809	0.06%	0.004%
113	8.780	8.771	8.785	VV	405	2873	0.10%	0.006%
114	8.788	8.785	8.809	VV	417	3669	0.13%	0.008%
115	8.826	8.809	8.840	VV	342	4552	0.16%	0.009%
116	8.850	8.840	8.863	VV	347	4165	0.15%	0.009%
117	8.896	8.863	8.912	VV	1653	28602	1.02%	0.059%
118	8.926	8.912	8.943	VV	1252	18763	0.67%	0.039%
119	8.955	8.943	8.973	VV	1178	17907	0.64%	0.037%
120	8.984	8.973	9.015	VV	1069	17925	0.64%	0.037%
121	9.036	9.015	9.050	VV	646	9215	0.33%	0.019%
122	9.068	9.050	9.094	VV	1953	25743	0.91%	0.053%
123	9.098	9.094	9.112	VV	306	2861	0.10%	0.006%
124	9.114	9.112	9.118	VV	317	1017	0.04%	0.002%
125	9.157	9.118	9.179	VV	1148	18208	0.65%	0.037%
126	9.198	9.179	9.224	VV	3008	37527	1.33%	0.077%
127	9.239	9.224	9.300	VV	1892	37019	1.32%	0.076%
128	9.322	9.300	9.330	VV	1493	18248	0.65%	0.037%
129	9.341	9.330	9.383	VV	1481	21094	0.75%	0.043%
130	9.384	9.383	9.390	VV	194	472	0.02%	0.001%
131	9.396	9.390	9.406	VV	144	641	0.02%	0.001%
132	9.424	9.406	9.430	PV	535	4784	0.17%	0.010%
133	9.445	9.430	9.461	VV	1298	15738	0.56%	0.032%
134	9.474	9.461	9.498	VV	1278	15205	0.54%	0.031%
135	9.518	9.498	9.558	VV	1114	17401	0.62%	0.036%
136	9.562	9.558	9.566	VV	98	416	0.01%	0.001%
137	9.594	9.566	9.604	VV	519	6732	0.24%	0.014%
138	9.619	9.604	9.631	VV	813	10249	0.36%	0.021%
139	9.634	9.631	9.669	VV	635	8968	0.32%	0.018%
140	9.692	9.669	9.703	VV	378	5848	0.21%	0.012%
141	9.716	9.703	9.728	VV	327	3823	0.14%	0.008%

					rters				
142	9.748	9.728	9.785	VV	2917	43317	1.54%	0.089%	
143	9.801	9.785	9.825	VV	1046	13535			
144	9.849	9.825	9.867	VV	1338	19385			
145	9.882	9.867	9.910	VV	750	11968			
146	9.943	9.910	9.960	VV	550	8579			
147	9.984	9.960	10.004	VV	887	11630			
148	10.041	10.004	10.045	VV	933	11929	0.42%	0.024%	
149	10.070	10.045	10.129	VV	58682	725519	25.78%	1.490%	
150	10.137	10.129	10.176	VV	2025	35674	1.27%	0.073%	
151	10.206	10.176	10.273	VV	186989	2123158	75.43%	4.359%	
152	10.291	10.273	10.298	VV	1028	13578	0.48%	0.028%	
153	10.306	10.298	10.348	VV	1177	17347	0.62%	0.036%	
154	10.367	10.348	10.376	VV	885	10814	0.38%	0.022%	
155	10.388	10.376	10.408	VV	937	12814	0.46%	0.026%	
156	10.430	10.408	10.444	VV	998	15403	0.55%	0.032%	
157	10.456	10.444	10.487	VV	897	16733	0.59%	0.034%	
158	10.504	10.487	10.519	VV	916	13983	0.50%	0.029%	
159	10.543	10.519	10.568	VV	14877	169488	6.02%	0.348%	
160	10.582	10.568	10.613	VV	1424	21865	0.78%	0.045%	
161	10.635	10.613	10.668	VV	2018	35494	1.26%	0.073%	
162	10.690	10.668	10.711	VV	1056	14077	0.50%	0.029%	
163	10.732	10.711	10.745	PV	530	6271	0.22%	0.013%	
164	10.761	10.745	10.789	VV	674	12052	0.43%	0.025%	
165	10.816	10.789	10.877	VV	1336	33633	1.19%	0.069%	
166	10.899	10.877	10.931	VV	1460	26711	0.95%	0.055%	
167	10.942	10.931	10.957	VV	800	11132	0.40%	0.023%	
168	10.966	10.957	10.981	VV	726	8667	0.31%	0.018%	
169	10.998	10.981	11.020	VV	613	10697	0.38%	0.022%	
170	11.047	11.020	11.063	VV	514	9239	0.33%	0.019%	
171	11.079	11.063	11.098	VV	540	9230	0.33%	0.019%	
172	11.116	11.098	11.151	VV	893	16877	0.60%	0.035%	
173	11.171	11.151	11.187	VV	1055	14750	0.52%	0.030%	
174	11.307	11.288	11.341	VV	800	17170	0.61%	0.035%	
175	11.346	11.341	11.357	VV	460	3636	0.13%	0.007%	
176	11.376	11.357	11.415	VV	1097	18479	0.66%	0.038%	
177	11.419	11.415	11.433	VV	124	973	0.03%	0.002%	
178	11.457	11.433	11.485	PV	1129	15906	0.57%	0.033%	
179	11.503	11.485	11.531	VV	398	5341	0.19%	0.011%	
180	11.539	11.531	11.547	VV	219	1597	0.06%	0.003%	
181	11.564	11.547	11.571	VV	263	2540	0.09%	0.005%	
182	11.591	11.571	11.597	VV	458	5211	0.19%	0.011%	
183	11.651	11.597	11.702	VV	191908	2227533	79.14%	4.573%	
184	11.723	11.702	11.777	VV	1939	40269	1.43%	0.083%	
185	11.808	11.777	11.827	VV	1174	21363	0.76%	0.044%	
186	11.844	11.827	11.865	VV	1424	20915	0.74%	0.043%	
187	11.966	11.953	11.996	VV	691	11557	0.41%	0.024%	
188	12.000	11.996	12.018	VV	290	2238	0.08%	0.005%	
189	12.134	12.114	12.153	VV	1774	22022	0.78%	0.045%	
190	12.175	12.153	12.219	VV	1460	21946	0.78%	0.045%	
191	12.230	12.219	12.235	PV	182	953	0.03%	0.002%	
192	12.268	12.235	12.292	VV	593	10585	0.38%	0.022%	
193	12.332	12.292	12.356	VV	1366	31704	1.13%	0.065%	
194	12.416	12.396	12.447	VV	5029	87382	3.10%	0.179%	

Instrument :

FID_F

ClientSampleId :

NORTH-SIDEMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/19/2025

Supervised By :mohammad ahmed 09/19/2025

					rterres		Client Sampled : NORTH-SIDEMSD	
195	12.451	12.447	12.456	VV	1263	6936	0.25%	0.014%
196	12.477	12.456	12.520	VV	3362	69716	Manual Integration : 0.000%	
197	12.528	12.520	12.539	VV	1025	10740		
198	12.578	12.539	12.635	VV	166418	2222789		
199	12.650	12.635	12.665	VV	2252	34887		
200	12.697	12.665	12.761	VV	5244	131340		
201	12.784	12.761	12.805	VV	2314	36910	1.31%	0.076%
202	12.816	12.805	12.825	VV	952	10297	0.37%	0.021%
203	12.829	12.825	12.844	VV	847	9215	0.33%	0.019%
204	12.858	12.844	12.871	VV	1149	15588	0.55%	0.032%
205	12.893	12.871	12.928	VV	2776	50722	1.80%	0.104%
206	12.965	12.928	13.006	VV	198611	2345771	83.34%	4.816%
207	13.034	13.006	13.075	VV	5800	116953	4.16%	0.240%
208	13.085	13.075	13.105	VV	894	14035	0.50%	0.029%
209	13.125	13.105	13.164	VV	2235	38921	1.38%	0.080%
210	13.244	13.237	13.250	VV	417	3231	0.11%	0.007%
211	13.265	13.250	13.304	VV	849	13808	0.49%	0.028%
212	13.319	13.304	13.328	PV	761	7351	0.26%	0.015%
213	13.356	13.328	13.411	VV	51494	720584	25.60%	1.479%
214	13.417	13.411	13.427	VV	334	2851	0.10%	0.006%
215	13.448	13.427	13.457	VV	674	7937	0.28%	0.016%
216	13.489	13.457	13.499	VV	901	17460	0.62%	0.036%
217	13.503	13.499	13.513	VV	753	5845	0.21%	0.012%
218	13.519	13.513	13.539	VV	697	8922	0.32%	0.018%
219	13.642	13.617	13.667	VV	22495	335513	11.92%	0.689%
220	13.672	13.667	13.720	VV	5764	112225	3.99%	0.230%
221	13.730	13.720	13.757	VV	2331	40867	1.45%	0.084%
222	13.804	13.757	13.870	VV	43219	650621	23.12%	1.336%
223	13.892	13.870	13.915	VV	2145	47863	1.70%	0.098%
224	13.918	13.915	13.943	VV	1762	23156	0.82%	0.048%
225	13.960	13.943	13.968	VV	1670	20274	0.72%	0.042%
226	13.984	13.968	13.995	VV	2132	30030	1.07%	0.062%
227	14.022	13.995	14.080	VV	5259	134738	4.79%	0.277%
228	14.103	14.080	14.127	VV	1899	43830	1.56%	0.090%
229	14.165	14.127	14.241	VV	178288	2352315	83.57%	4.830%
230	14.255	14.241	14.261	VV	2084	22680	0.81%	0.047%
231	14.377	14.336	14.421	VV	5549	182433	6.48%	0.375%
232	14.529	14.494	14.537	VV	6169	89574	3.18%	0.184%
233	14.593	14.581	14.609	VV	3831	57897	2.06%	0.119%
234	14.629	14.609	14.641	VV	3662	63645	2.26%	0.131%
235	14.658	14.641	14.695	VV	5337	138880	4.93%	0.285%
236	14.721	14.695	14.754	VV	29825	462004	16.41%	0.949%
237	14.758	14.754	14.777	VV	4477	55035	1.96%	0.113%
238	14.821	14.777	14.874	VV	11529	376637	13.38%	0.773%
239	14.899	14.874	14.925	VV	8623	191744	6.81%	0.394%
240	14.950	14.925	14.994	VV	23832	470752	16.73%	0.967%
241	15.027	14.994	15.043	VV	25697	465063	16.52%	0.955%
242	15.068	15.043	15.101	VV	99328	1517159	53.90%	3.115%
243	15.113	15.101	15.140	VV	7120	142443	5.06%	0.292%
244	15.198	15.140	15.238	VV	162993	2814627	100.00%	5.779%
245	15.272	15.238	15.301	VV	180223	2437992	86.62%	5.006%
246	15.321	15.301	15.356	VV	13914	307299	10.92%	0.631%

Manual IntegrationsAPPROVED

rteres									
247	15.359	15.356	15.366	VV	5872	33947	1.21%	0.070%	
248	15.407	15.366	15.421	VV	8671	230662			
249	15.455	15.421	15.504	VV	37147	798835			
250	15.519	15.504	15.538	VV	7955	146273			
251	15.556	15.538	15.574	VV	7911	161826			
252	15.591	15.574	15.614	VV	7611	164422			
253	15.651	15.614	15.678	VV	75512	1195606	42.48%	2.455%	
254	15.682	15.678	15.737	VV	14544	322972	11.47%	0.663%	
255	15.756	15.737	15.777	VV	8930	188473	6.70%	0.387%	
256	15.795	15.777	15.818	VV	9275	206182	7.33%	0.423%	
257	15.842	15.818	15.907	VV	16854	560295	19.91%	1.150%	
258	15.912	15.907	15.917	VV	6225	34035	1.21%	0.070%	
259	15.933	15.917	15.948	VV	6803	120188	4.27%	0.247%	
260	15.958	15.948	15.964	VV	6446	63346	2.25%	0.130%	
261	16.005	15.964	16.077	VV	68726	1353601	48.09%	2.779%	
262	16.103	16.077	16.139	VV	11249	341631	12.14%	0.701%	
263	16.166	16.139	16.208	VV	10712	340939	12.11%	0.700%	
264	16.236	16.208	16.240	VV	7098	124424	4.42%	0.255%	
265	16.295	16.240	16.330	VV	162404	2474508	87.92%	5.081%	
266	16.407	16.398	16.423	VV	5671	84849	3.01%	0.174%	
267	16.442	16.423	16.471	VV	6801	164758	5.85%	0.338%	
268	16.538	16.533	16.547	VV	5275	43256	1.54%	0.089%	
269	16.551	16.547	16.580	VV	5048	90920	3.23%	0.187%	
270	16.597	16.580	16.630	VV	4531	124406	4.42%	0.255%	
271	16.665	16.630	16.713	VV	81526	1293500	45.96%	2.656%	
272	16.727	16.713	16.762	VV	5754	142219	5.05%	0.292%	
273	16.778	16.762	16.810	VV	5501	111306	3.95%	0.229%	
274	16.855	16.810	16.892	VV	7950	189302	6.73%	0.389%	
275	16.909	16.892	16.935	VV	2906	65777	2.34%	0.135%	
276	16.989	16.935	17.023	VV	108237	1569746	55.77%	3.223%	
277	17.030	17.023	17.107	VV	12138	269691	9.58%	0.554%	
278	17.109	17.107	17.121	VV	2152	17026	0.60%	0.035%	
279	17.147	17.121	17.178	VV	5594	112990	4.01%	0.232%	
280	17.248	17.178	17.280	VV	153640	2232807	79.33%	4.584%	

Sum of corrected areas: 48705242

FF090525.M Fri Sep 19 04:30:11 2025

Instrument :
FID_F
ClientSampleId :
NORTH-SIDEMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/19/2025
Supervised By :mohammad ahmed 09/19/2025