

Instrument :

FID_E

ClientSampleId :

280517MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE10212

Data File : FE050752.D

Signal(s) : FID1B.ch

Acq On : 21 Oct 2024 20:38

Sample : P4458-01MSD

Misc :

ALS Vial : 25 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.251	3.188	3.352	BV	368389	3685217	35.04%	1.647%
2	3.371	3.352	3.478	VV	979	23615	0.22%	0.011%
3	3.490	3.478	3.545	VV	236	3895	0.04%	0.002%
4	3.564	3.545	3.603	PV	284	5412	0.05%	0.002%
5	3.620	3.603	3.665	PV	236	4134	0.04%	0.002%
6	3.694	3.665	3.719	VV	252	5215	0.05%	0.002%
7	3.736	3.719	3.824	VV	504	9594	0.09%	0.004%
8	3.855	3.824	3.866	VV	363	5614	0.05%	0.003%
9	3.880	3.866	3.918	VV	598	7505	0.07%	0.003%
10	3.937	3.918	3.995	VV	239	4349	0.04%	0.002%
11	4.004	3.995	4.031	PV	31	680	0.01%	0.000%
12	4.062	4.031	4.091	PV	217	3547	0.03%	0.002%
13	4.107	4.091	4.127	PV	111	1525	0.01%	0.001%
14	4.137	4.127	4.210	VV	177	4297	0.04%	0.002%
15	4.233	4.210	4.298	VV	651	13834	0.13%	0.006%
16	4.319	4.298	4.335	VV	230	3532	0.03%	0.002%
17	4.363	4.335	4.415	VV	1234	17546	0.17%	0.008%
18	4.432	4.415	4.470	VV	343	4715	0.04%	0.002%
19	4.503	4.470	4.523	PV	427789	4141123	39.37%	1.851%
20	4.542	4.523	4.651	VV	433726	4454658	42.36%	1.991%
21	4.663	4.651	4.725	VV	897	29573	0.28%	0.013%
22	4.737	4.725	4.769	VV	504	10344	0.10%	0.005%
23	4.785	4.769	4.798	VV	443	6110	0.06%	0.003%
24	4.807	4.798	4.826	VV	382	5056	0.05%	0.002%
25	4.833	4.826	4.851	VV	295	3484	0.03%	0.002%
26	4.865	4.851	4.875	VV	246	3186	0.03%	0.001%
27	4.893	4.875	4.910	VV	276	4470	0.04%	0.002%
28	4.938	4.910	4.990	VV	951	17925	0.17%	0.008%
29	5.009	4.990	5.049	VV	411	7763	0.07%	0.003%
30	5.088	5.049	5.150	VV	380	7627	0.07%	0.003%
31	5.165	5.150	5.198	VV	193	3548	0.03%	0.002%
32	5.207	5.198	5.241	VV	108	2337	0.02%	0.001%
33	5.251	5.241	5.269	VV	135	1610	0.02%	0.001%
34	5.294	5.269	5.328	VV	167	3115	0.03%	0.001%
35	5.349	5.328	5.361	VV	115	1347	0.01%	0.001%
36	5.371	5.361	5.435	PV	131	3424	0.03%	0.002%

					retention			
37	5.475	5.435	5.489	VV	259	5895	0.06%	0.003%
38	5.502	5.489	5.533	VV	262	4481	0.06%	0.003%
39	5.549	5.533	5.608	VV	177	3607	0.06%	0.003%
40	5.641	5.608	5.717	PV	1269	22369	0.06%	0.003%
41	5.754	5.717	5.780	VV	220	6554	0.06%	0.003%
42	5.790	5.780	5.805	VV	190	2123	0.06%	0.003%
43	5.819	5.805	5.858	VV	365	7147	0.07%	0.003%
44	5.869	5.858	5.878	VV	175	1898	0.02%	0.001%
45	5.893	5.878	5.915	VV	362	5271	0.05%	0.002%
46	5.938	5.915	5.981	VV	214	5786	0.06%	0.003%
47	6.010	5.981	6.038	VV	168	4398	0.04%	0.002%
48	6.064	6.038	6.084	VV	118	2074	0.02%	0.001%
49	6.115	6.084	6.150	VV	127	2666	0.03%	0.001%
50	6.163	6.150	6.185	PV	138	2208	0.02%	0.001%
51	6.214	6.185	6.369	VV	429207	4747146	45.14%	2.121%
52	6.377	6.369	6.477	VV	1695	73159	0.70%	0.033%
53	6.496	6.477	6.521	VV	1106	22802	0.22%	0.010%
54	6.558	6.521	6.631	VV	2683	64139	0.61%	0.029%
55	6.671	6.631	6.779	VV	451286	4614189	43.87%	2.062%
56	6.792	6.779	6.808	VV	567	9528	0.09%	0.004%
57	6.824	6.808	6.837	VV	949	13177	0.13%	0.006%
58	6.856	6.837	6.883	VV	1590	23404	0.22%	0.010%
59	6.897	6.883	6.913	VV	424	5370	0.05%	0.002%
60	6.941	6.913	6.948	VV	311	5840	0.06%	0.003%
61	6.974	6.948	7.014	VV	584	12509	0.12%	0.006%
62	7.031	7.014	7.055	VV	371	5122	0.05%	0.002%
63	7.079	7.055	7.097	VV	299	4878	0.05%	0.002%
64	7.131	7.097	7.153	VV	267	5935	0.06%	0.003%
65	7.172	7.153	7.186	VV	546	7089	0.07%	0.003%
66	7.218	7.186	7.275	VV	2975	52924	0.50%	0.024%
67	7.311	7.275	7.388	VV	420831	4534495	43.11%	2.026%
68	7.398	7.388	7.445	VV	4875	101919	0.97%	0.046%
69	7.452	7.445	7.472	VV	1826	28135	0.27%	0.013%
70	7.489	7.472	7.558	VV	2190	76142	0.72%	0.034%
71	7.615	7.558	7.663	VV	2047	65495	0.62%	0.029%
72	7.673	7.663	7.687	VV	517	6833	0.06%	0.003%
73	7.697	7.687	7.718	VV	509	8310	0.08%	0.004%
74	7.730	7.718	7.770	VV	443	10981	0.10%	0.005%
75	7.793	7.770	7.825	VV	606	11963	0.11%	0.005%
76	7.837	7.825	7.864	VV	208	2870	0.03%	0.001%
77	8.188	8.170	8.206	VV	1326	22394	0.21%	0.010%
78	8.245	8.206	8.294	VV	1197	39418	0.37%	0.018%
79	8.316	8.294	8.338	VV	1009	17438	0.17%	0.008%
80	8.366	8.338	8.385	VV	1185	21392	0.20%	0.010%
81	8.404	8.385	8.425	VV	2527	33296	0.32%	0.015%
82	8.435	8.425	8.468	VV	696	13076	0.12%	0.006%
83	8.499	8.468	8.578	VV	475963	5017191	47.70%	2.242%
84	8.911	8.885	9.002	VV	508282	5394324	51.29%	2.411%
85	9.019	9.002	9.091	VV	3838	131247	1.25%	0.059%
86	9.111	9.091	9.137	VV	2724	48400	0.46%	0.022%
87	9.159	9.137	9.185	VV	1508	39175	0.37%	0.018%
88	9.200	9.185	9.217	VV	2260	35701	0.34%	0.016%
89	9.235	9.217	9.300	VV	1980	60002	0.57%	0.027%

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90	9.324	9.300	9.390	VV	1906	43283	0.41%	0.019%
91	9.412	9.390	9.462	VV	1908	28725		
92	9.479	9.462	9.498	VV	344	5074		
93	9.524	9.498	9.543	VV	427	7421		
94	9.583	9.543	9.599	VV	299	5416		
95	9.626	9.599	9.660	VV	593	7979		
96	9.701	9.660	9.812	PV	443334	5077730	48.28%	2.269%
97	9.821	9.812	9.835	VV	2096	28405	0.27%	0.013%
98	9.842	9.835	9.865	VV	2177	36863	0.35%	0.016%
99	9.881	9.865	9.900	VV	3882	53980	0.51%	0.024%
100	9.918	9.900	9.961	VV	3096	64050	0.61%	0.029%
101	9.988	9.961	10.012	VV	13300	188928	1.80%	0.084%
102	10.023	10.012	10.069	VV	5405	99583	0.95%	0.045%
103	10.104	10.069	10.301	VV	482818	5335203	50.73%	2.384%
104	10.331	10.301	10.365	VV	607	9206	0.09%	0.004%
105	10.395	10.365	10.420	VV	263	4859	0.05%	0.002%
106	10.453	10.420	10.475	VV	1671	23405	0.22%	0.010%
107	10.491	10.475	10.571	VV	1610	32497	0.31%	0.015%
108	10.593	10.571	10.611	VV	573	8955	0.09%	0.004%
109	10.637	10.611	10.663	VV	3568	47163	0.45%	0.021%
110	10.692	10.663	10.727	PV	1213	24250	0.23%	0.011%
111	10.761	10.727	10.787	VV	1267	21975	0.21%	0.010%
112	10.808	10.787	10.825	VV	631	10406	0.10%	0.005%
113	10.842	10.825	10.862	VV	1291	18932	0.18%	0.008%
114	10.872	10.862	10.885	VV	490	5974	0.06%	0.003%
115	10.911	10.885	11.024	VV	8076	183705	1.75%	0.082%
116	11.108	11.024	11.161	PV	432194	5035392	47.88%	2.250%
117	11.185	11.161	11.327	VV	399313	5074070	48.25%	2.268%
118	11.347	11.327	11.401	VV	6158	137788	1.31%	0.062%
119	11.410	11.401	11.445	VV	1663	38593	0.37%	0.017%
120	11.476	11.445	11.511	VV	2784	66429	0.63%	0.030%
121	11.546	11.511	11.611	VV	492490	5527836	52.56%	2.470%
122	11.635	11.611	11.688	VV	4643	82778	0.79%	0.037%
123	11.708	11.688	11.720	VV	741	10587	0.10%	0.005%
124	11.739	11.720	11.768	VV	1270	21998	0.21%	0.010%
125	11.780	11.768	11.805	VV	512	9219	0.09%	0.004%
126	11.866	11.805	11.903	VV	352508	3856279	36.67%	1.723%
127	11.917	11.903	11.936	VV	1963	32546	0.31%	0.015%
128	11.952	11.936	11.987	VV	1926	36524	0.35%	0.016%
129	11.999	11.987	12.005	VV	649	6457	0.06%	0.003%
130	12.032	12.005	12.055	VV	3253	57214	0.54%	0.026%
131	12.063	12.055	12.079	VV	1460	16646	0.16%	0.007%
132	12.097	12.079	12.133	VV	1473	27149	0.26%	0.012%
133	12.154	12.133	12.164	VV	319	3542	0.03%	0.002%
134	12.211	12.164	12.237	VV	1677	41595	0.40%	0.019%
135	12.247	12.237	12.280	VV	431	5403	0.05%	0.002%
136	12.300	12.280	12.375	VV	1389	24990	0.24%	0.011%
137	12.409	12.375	12.447	PV	1025	29446	0.28%	0.013%
138	12.469	12.447	12.578	VV	13286	201224	1.91%	0.090%
139	12.595	12.578	12.608	VV	422	5448	0.05%	0.002%
140	12.621	12.608	12.655	VV	360	6839	0.07%	0.003%
141	12.676	12.655	12.695	VV	1609	20057	0.19%	0.009%

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142	12.712	12.695	12.758	VV	1036	17008	0.16%	0.008%
143	12.855	12.758	12.891	PV	485375	5623404	53.00%	0.000%
144	12.931	12.891	13.088	VV	433551	5356495	50.00%	0.000%
145	13.119	13.088	13.163	VV	5203	96982	0.00%	0.000%
146	13.176	13.163	13.198	VV	891	14663	0.00%	0.000%
147	13.230	13.198	13.269	VV	463334	5408679	51.00%	0.000%
148	13.299	13.269	13.389	VV	260776	3315778	31.53%	1.482%
149	13.411	13.389	13.427	VV	1963	38082	0.36%	0.017%
150	13.466	13.427	13.555	VV	447668	5503070	52.32%	2.459%
151	13.560	13.555	13.605	VV	1279	25776	0.25%	0.012%
152	13.626	13.605	13.655	VV	944	22020	0.21%	0.010%
153	13.700	13.655	13.776	VV	2498	76593	0.73%	0.034%
154	13.832	13.776	13.859	PV	2958	56237	0.53%	0.025%
155	13.879	13.859	13.913	VV	1564	28556	0.27%	0.013%
156	13.935	13.913	13.957	VV	2462	32938	0.31%	0.015%
157	13.974	13.957	13.985	VV	1287	17476	0.17%	0.008%
158	13.999	13.985	14.016	VV	1872	24946	0.24%	0.011%
159	14.052	14.016	14.161	VV	446822	5421895	51.55%	2.423%
160	14.202	14.161	14.227	VV	1230	31894	0.30%	0.014%
161	14.247	14.227	14.340	VV	1225	33543	0.32%	0.015%
162	14.374	14.340	14.387	PV	529	6315	0.06%	0.003%
163	14.405	14.387	14.425	VV	626	10062	0.10%	0.004%
164	14.448	14.425	14.474	VV	872	16473	0.16%	0.007%
165	14.516	14.474	14.538	VV	1521	37316	0.35%	0.017%
166	14.557	14.538	14.585	VV	2523	37120	0.35%	0.017%
167	14.612	14.585	14.633	VV	1827	25853	0.25%	0.012%
168	14.672	14.633	14.701	VV	1243	27805	0.26%	0.012%
169	14.752	14.701	14.780	VV	1282	33602	0.32%	0.015%
170	14.803	14.780	14.841	VV	1561	32411	0.31%	0.014%
171	14.863	14.841	14.885	VV	1538	22514	0.21%	0.010%
172	14.911	14.885	14.945	VV	866	15274	0.15%	0.007%
173	14.959	14.945	14.971	VV	306	2306	0.02%	0.001%
174	14.998	14.971	15.034	PV	1028	18038	0.17%	0.008%
175	15.068	15.034	15.080	VV	1439	18055	0.17%	0.008%
176	15.112	15.080	15.131	VV	323980	4177780	39.72%	1.867%
177	15.154	15.131	15.261	VV	793861	10517220	100.00%	4.700%
178	15.271	15.261	15.393	VV	7335	325312	3.09%	0.145%
179	15.418	15.393	15.440	VV	2068	52435	0.50%	0.023%
180	15.464	15.440	15.502	VV	2460	64139	0.61%	0.029%
181	15.537	15.502	15.644	VV	12344	280247	2.66%	0.125%
182	15.670	15.644	15.713	VV	3710	67295	0.64%	0.030%
183	15.740	15.713	15.771	VV	3414	52677	0.50%	0.024%
184	15.800	15.771	15.851	VV	2643	54258	0.52%	0.024%
185	15.888	15.851	15.908	VV	688	14691	0.14%	0.007%
186	15.932	15.908	15.955	VV	1466	24827	0.24%	0.011%
187	15.965	15.955	15.979	VV	1176	14412	0.14%	0.006%
188	15.989	15.979	16.006	VV	750	10091	0.10%	0.005%
189	16.058	16.006	16.102	VV	1170	39961	0.38%	0.018%
190	16.175	16.102	16.219	VV	407282	5404070	51.38%	2.415%
191	16.238	16.219	16.267	VV	1584	23491	0.22%	0.010%
192	16.300	16.267	16.310	VV	439	5900	0.06%	0.003%
193	16.321	16.310	16.335	VV	293	1795	0.02%	0.001%
194	16.422	16.335	16.428	PV	241	16305	0.16%	0.007%

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195	16.477	16.428	16.508	PV	1173	29971	0.28%	0.013%
196	16.551	16.508	16.591	VV	6504	125437		
197	16.615	16.591	16.625	VV	1027	15902		
198	16.676	16.625	16.691	VV	267917	3736656	35	
199	16.707	16.691	16.914	VV	286915	5339031	50	
200	16.936	16.914	16.974	VV	4122	127095	1	
201	17.002	16.974	17.027	VV	7189	141170	1.34%	0.063%
202	17.059	17.027	17.092	VV	196375	2966560	28.21%	1.326%
203	17.122	17.092	17.189	VV	414627	6161532	58.59%	2.754%
204	17.201	17.189	17.261	VV	7593	239776	2.28%	0.107%
205	17.289	17.261	17.305	VV	5400	112570	1.07%	0.050%
206	17.316	17.305	17.355	VV	4565	115812	1.10%	0.052%
207	17.365	17.355	17.395	VV	3122	63421	0.60%	0.028%
208	17.424	17.395	17.442	VV	3618	80377	0.76%	0.036%
209	17.455	17.442	17.466	VV	2843	36580	0.35%	0.016%
210	17.497	17.466	17.509	VV	5587	110410	1.05%	0.049%
211	17.533	17.509	17.550	VV	11065	196506	1.87%	0.088%
212	17.568	17.550	17.591	VV	11345	197511	1.88%	0.088%
213	17.602	17.591	17.623	VV	4914	71091	0.68%	0.032%
214	17.640	17.623	17.659	VV	4104	61146	0.58%	0.027%
215	17.681	17.659	17.715	VV	4410	83665	0.80%	0.037%
216	17.772	17.715	17.817	VV	10343	219831	2.09%	0.098%
217	17.859	17.817	17.875	PV	1034	20317	0.19%	0.009%
218	17.901	17.875	17.935	VV	7729	131911	1.25%	0.059%
219	18.010	17.935	18.061	VV	426201	5790103	55.05%	2.588%
220	18.098	18.061	18.117	VV	3928	68862	0.65%	0.031%
221	18.150	18.117	18.217	VV	23498	492097	4.68%	0.220%
222	18.247	18.217	18.276	VV	4107	85631	0.81%	0.038%
223	18.290	18.276	18.302	VV	538	9049	0.09%	0.004%
224	18.353	18.302	18.405	PV	6633	201703	1.92%	0.090%
225	18.439	18.405	18.454	VV	119657	1742265	16.57%	0.779%
226	18.470	18.454	18.501	VV	117688	2347572	22.32%	1.049%
227	18.517	18.501	18.598	VV	53743	1429269	13.59%	0.639%
228	18.608	18.598	18.647	VV	10997	283441	2.70%	0.127%
229	18.693	18.647	18.791	VV	127181	3006444	28.59%	1.344%
230	18.842	18.791	18.908	VV	442151	6431207	61.15%	2.874%
231	18.939	18.908	18.961	VV	15241	316141	3.01%	0.141%
232	18.988	18.961	19.005	VV	9901	214583	2.04%	0.096%
233	19.021	19.005	19.080	VV	9895	281569	2.68%	0.126%
234	19.120	19.080	19.151	VV	8121	237795	2.26%	0.106%
235	19.200	19.151	19.214	VV	12164	290786	2.76%	0.130%
236	19.236	19.214	19.294	VV	15399	466776	4.44%	0.209%
237	19.334	19.294	19.353	VV	8823	232749	2.21%	0.104%
238	19.378	19.353	19.421	VV	7452	255305	2.43%	0.114%
239	19.498	19.421	19.511	VV	8002	385577	3.67%	0.172%
240	19.540	19.511	19.562	VV	7519	211654	2.01%	0.095%
241	19.572	19.562	19.577	VV	6488	57554	0.55%	0.026%
242	19.627	19.577	19.672	VV	431010	6529919	62.09%	2.918%
243	19.691	19.672	19.717	VV	11884	266084	2.53%	0.119%
244	19.741	19.717	19.756	VV	10573	207819	1.98%	0.093%
245	19.902	19.756	19.911	VV	13499	993356	9.45%	0.444%
246	19.974	19.911	20.017	VV	22007	1067144	10.15%	0.477%

Instrument :

FID_E

ClientSampleId :

280517MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024

Chromatogram Data									
Peak No.	Retention Time (min)	Area	Height	Width	Integration	Integration	Integration	Integration	Integration
247	20.041	20.017	20.080	VV	16727	598601	5.69%	0.268%	
248	20.272	20.080	20.283	VV	27246	2341796	22.10%	1.039%	
249	20.367	20.283	20.447	VV	434543	8895335	84.12%	4.502%	
250	20.508	20.447	20.521	VV	32363	1281931	12.12%	0.523%	
251	20.583	20.521	20.617	VV	38123	2058929	19.84%	0.933%	
252	20.633	20.617	20.658	VV	35814	869531	8.69%	0.433%	
253	20.718	20.658	20.738	VV	39081	1718299	16.34%	0.768%	
254	20.838	20.738	20.918	VV	82287	4964948	47.21%	2.219%	
255	20.928	20.918	20.975	VV	35343	1169879	11.12%	0.523%	
256	20.991	20.975	21.025	VV	33468	968409	9.21%	0.433%	
257	21.094	21.025	21.215	VV	392943	10073367	95.78%	4.502%	
258	21.246	21.215	21.367	VV	29652	2323996	22.10%	1.039%	
259	21.385	21.367	21.477	VV	20902	1251016	11.89%	0.559%	
260	21.503	21.477	21.557	VV	17083	735790	7.00%	0.329%	
261	21.600	21.557	21.701	VV	13226	961421	9.14%	0.430%	
262	21.741	21.701	21.809	VV	9351	530784	5.05%	0.237%	
263	21.821	21.809	21.842	VV	7015	125008	1.19%	0.056%	
264	21.851	21.842	21.922	VV	5503	149482	1.42%	0.067%	
265	21.986	21.922	22.088	VV	257648	6137903	58.36%	2.743%	

Sum of corrected areas: 223764072

Aliphatic EPH 100824.M Tue Oct 22 05:14:11 2024

Instrument :
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