

Instrument :

FID_E

ClientSampleId :

SOIL-COMPMS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

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

Data File : FE049256.D

Signal(s) : FID1B.ch

Acq On : 25 Jul 2024 16:54

Sample : P3352-01MS

Misc :

ALS Vial : 12 Sample Multiplier: 1

Reviewed By :Yogesh Patel 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.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	3.155	3.104	3.264	BV	120	3673	0.02%	0.001%
2	3.293	3.264	3.424	PV	219627	2189544	10.97%	0.670%
3	3.436	3.424	3.491	VV	208	3587	0.02%	0.001%
4	3.506	3.491	3.571	VV	185	3226	0.02%	0.001%
5	3.577	3.571	3.598	PV	99	731	0.00%	0.000%
6	3.608	3.598	3.651	VV	135	2385	0.01%	0.001%
7	3.664	3.651	3.750	VV	237	5156	0.03%	0.002%
8	3.771	3.750	3.864	PV	356	6353	0.03%	0.002%
9	3.887	3.864	3.938	PV	290	5264	0.03%	0.002%
10	3.941	3.938	3.961	VV	130	830	0.00%	0.000%
11	3.969	3.961	3.976	VV	178	949	0.00%	0.000%
12	3.981	3.976	4.097	VV	110	3425	0.02%	0.001%
13	4.110	4.097	4.140	VV	106	1682	0.01%	0.001%
14	4.154	4.140	4.178	PV	160	1948	0.01%	0.001%
15	4.185	4.178	4.244	VV	122	2875	0.01%	0.001%
16	4.270	4.244	4.342	VV	562	14615	0.07%	0.004%
17	4.352	4.342	4.394	VV	217	4180	0.02%	0.001%
18	4.405	4.394	4.449	VV	116	2243	0.01%	0.001%
19	4.475	4.449	4.509	PV	95	1557	0.01%	0.000%
20	4.545	4.509	4.564	VV	270442	2635499	13.21%	0.807%
21	4.582	4.564	4.688	VV	305150	3011145	15.09%	0.922%
22	4.701	4.688	4.814	VV	503	15037	0.08%	0.005%
23	4.826	4.814	4.838	VV	193	1699	0.01%	0.001%
24	4.849	4.838	4.898	VV	227	4387	0.02%	0.001%
25	4.904	4.898	4.984	VV	162	6513	0.03%	0.002%
26	4.995	4.984	5.035	VV	230	3977	0.02%	0.001%
27	5.049	5.035	5.103	VV	178	3853	0.02%	0.001%
28	5.117	5.103	5.154	VV	109	1977	0.01%	0.001%
29	5.158	5.154	5.185	VV	78	1002	0.01%	0.000%
30	5.200	5.185	5.232	VV	199	2868	0.01%	0.001%
31	5.246	5.232	5.318	VV	213	6204	0.03%	0.002%

32	5.334	5.318	5.358	PV	161	2366	0.01%	0.001%
33	5.377	5.358	5.474	VV	190	585		
34	5.491	5.474	5.627	VV	229	624		
35	5.681	5.627	5.707	PV	830	1015		
36	5.731	5.707	5.791	VV	318	906		
37	5.799	5.791	5.826	VV	170	2465	0.01%	0.001%
38	5.834	5.826	5.854	VV	106	1132	0.01%	0.000%
39	5.871	5.854	6.034	VV	133	7256	0.04%	0.002%
40	6.046	6.034	6.058	PV	112	878	0.00%	0.000%
41	6.066	6.058	6.102	VV	137	1253	0.01%	0.000%
42	6.121	6.102	6.201	VV	70	2628	0.01%	0.001%
43	6.252	6.201	6.407	PV	417414	4258537	21.34%	1.304%
44	6.423	6.407	6.493	VV	1005	33086	0.17%	0.010%
45	6.510	6.493	6.544	VV	501	13865	0.07%	0.004%
46	6.555	6.544	6.658	VV	555	23680	0.12%	0.007%
47	6.663	6.658	6.678	VV	285	2961	0.01%	0.001%
48	6.712	6.678	6.780	VV	377890	3745456	18.77%	1.147%
49	6.795	6.780	6.816	VV	764	13100	0.07%	0.004%
50	6.840	6.816	6.958	VV	8961	137687	0.69%	0.042%
51	6.965	6.958	6.984	VV	240	3177	0.02%	0.001%
52	6.991	6.984	7.024	VV	201	3442	0.02%	0.001%
53	7.039	7.024	7.107	VV	141	4292	0.02%	0.001%
54	7.133	7.107	7.180	VV	219	3785	0.02%	0.001%
55	7.210	7.180	7.234	PV	918	13270	0.07%	0.004%
56	7.252	7.234	7.304	VV	2952	34110	0.17%	0.010%
57	7.348	7.304	7.471	PV	466588	4949620	24.81%	1.515%
58	7.486	7.471	7.531	VV	1529	34451	0.17%	0.011%
59	7.548	7.531	7.606	VV	1108	31708	0.16%	0.010%
60	7.625	7.606	7.639	VV	613	9963	0.05%	0.003%
61	7.658	7.639	7.704	VV	1267	21298	0.11%	0.007%
62	7.722	7.704	7.798	VV	322	9982	0.05%	0.003%
63	7.804	7.798	7.812	VV	140	928	0.00%	0.000%
64	7.831	7.812	7.875	VV	377	5230	0.03%	0.002%
65	7.885	7.875	7.901	VV	79	911	0.00%	0.000%
66	8.233	8.210	8.256	VV	937	17324	0.09%	0.005%
67	8.276	8.256	8.305	VV	770	17506	0.09%	0.005%
68	8.314	8.305	8.335	VV	552	7495	0.04%	0.002%
69	8.367	8.335	8.388	VV	413	11095	0.06%	0.003%
70	8.395	8.388	8.406	VV	390	3876	0.02%	0.001%
71	8.446	8.406	8.481	VV	616	20812	0.10%	0.006%
72	8.494	8.481	8.504	VV	507	6166	0.03%	0.002%
73	8.542	8.504	8.613	VV	484823	5044870	25.28%	1.545%
74	8.651	8.613	8.821	VV	524062	5567332	27.90%	1.705%
75	8.950	8.921	9.124	VV	546307	5780012	28.97%	1.770%
76	9.145	9.124	9.204	VV	962	38639	0.19%	0.012%
77	9.226	9.204	9.246	VV	1760	29043	0.15%	0.009%
78	9.272	9.246	9.341	VV	2640	64876	0.33%	0.020%
79	9.365	9.341	9.378	VV	1311	18717	0.09%	0.006%

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80	9.402	9.378	9.410	VV	8719	91305	0.46%	0.028%
81	9.420	9.410	9.508	VV	9827	12029		
82	9.514	9.508	9.527	VV	234	276		
83	9.550	9.527	9.584	VV	336	787		
84	9.601	9.584	9.621	VV	218	305		
85	9.633	9.621	9.680	VV	158	4358	0.02%	0.001%
86	9.739	9.680	9.865	PV	518785	5660670	28.37%	1.733%
87	9.883	9.865	9.902	VV	1806	33045	0.17%	0.010%
88	9.925	9.902	9.939	VV	5411	68264	0.34%	0.021%
89	9.951	9.939	10.028	VV	3740	75728	0.38%	0.023%
90	10.039	10.028	10.054	VV	684	10546	0.05%	0.003%
91	10.081	10.054	10.111	VV	1196	26546	0.13%	0.008%
92	10.147	10.111	10.227	VV	522837	5644901	28.29%	1.728%
93	10.246	10.227	10.349	VV	654	24620	0.12%	0.008%
94	10.354	10.349	10.398	VV	144	1795	0.01%	0.001%
95	10.426	10.398	10.449	VV	394	5369	0.03%	0.002%
96	10.485	10.449	10.511	VV	247	3838	0.02%	0.001%
97	10.534	10.511	10.561	VV	458	7155	0.04%	0.002%
98	10.589	10.561	10.654	VV	1177	27712	0.14%	0.008%
99	10.663	10.654	10.688	VV	226	4005	0.02%	0.001%
100	10.699	10.688	10.717	VV	199	2656	0.01%	0.001%
101	10.727	10.717	10.749	VV	216	2691	0.01%	0.001%
102	10.807	10.749	10.827	VV	501	16016	0.08%	0.005%
103	10.885	10.827	10.924	VV	1138	24089	0.12%	0.007%
104	10.950	10.924	11.064	VV	3840	71411	0.36%	0.022%
105	11.146	11.064	11.191	PV	487212	5579321	27.96%	1.708%
106	11.221	11.191	11.368	VV	472708	5811686	29.13%	1.779%
107	11.391	11.368	11.427	VV	4957	107761	0.54%	0.033%
108	11.447	11.427	11.497	VV	2269	73879	0.37%	0.023%
109	11.518	11.497	11.543	VV	1852	39256	0.20%	0.012%
110	11.590	11.543	11.653	VV	510757	6010691	30.12%	1.840%
111	11.674	11.653	11.730	VV	1504	46918	0.24%	0.014%
112	11.747	11.730	11.768	VV	945	16980	0.09%	0.005%
113	11.780	11.768	11.808	VV	716	15118	0.08%	0.005%
114	11.832	11.808	11.868	VV	608	19088	0.10%	0.006%
115	11.909	11.868	11.968	VV	527005	5779815	28.97%	1.770%
116	11.977	11.968	12.028	VV	1760	46329	0.23%	0.014%
117	12.062	12.028	12.081	VV	1144	30820	0.15%	0.009%
118	12.097	12.081	12.113	VV	991	15330	0.08%	0.005%
119	12.127	12.113	12.167	VV	915	16969	0.09%	0.005%
120	12.194	12.167	12.224	VV	411	9308	0.05%	0.003%
121	12.257	12.224	12.288	VV	1259	23880	0.12%	0.007%
122	12.311	12.288	12.334	VV	1761	25379	0.13%	0.008%
123	12.348	12.334	12.410	VV	665	14298	0.07%	0.004%
124	12.424	12.410	12.440	VV	269	3780	0.02%	0.001%
125	12.450	12.440	12.471	VV	258	3379	0.02%	0.001%
126	12.505	12.471	12.578	VV	8092	114589	0.57%	0.035%

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127	12.594	12.578	12.608	VV	565	7632	0.04%	0.002%
128	12.624	12.608	12.674	VV	1048	2596		
129	12.722	12.674	12.781	VV	2377	4368		
130	12.845	12.781	12.862	PV	674	1562		
131	12.900	12.862	12.934	VV	530857	614474		
132	12.967	12.934	13.128	VV	479295	5857371	29.36%	1.793%
133	13.150	13.128	13.231	VV	6530	122604	0.61%	0.038%
134	13.266	13.231	13.303	VV	501192	5747170	28.80%	1.760%
135	13.344	13.303	13.429	VV	376535	4694935	23.53%	1.437%
136	13.442	13.429	13.473	VV	2054	50865	0.25%	0.016%
137	13.511	13.473	13.698	VV	492076	6096357	30.55%	1.866%
138	13.738	13.698	13.808	VV	1797	47205	0.24%	0.014%
139	13.819	13.808	13.833	VV	348	4626	0.02%	0.001%
140	13.854	13.833	13.872	VV	989	14966	0.08%	0.005%
141	13.888	13.872	13.914	VV	834	13556	0.07%	0.004%
142	13.936	13.914	13.988	VV	1146	25321	0.13%	0.008%
143	14.002	13.988	14.024	VV	476	8551	0.04%	0.003%
144	14.046	14.024	14.060	VV	1483	20477	0.10%	0.006%
145	14.097	14.060	14.201	VV	495571	5983052	29.99%	1.832%
146	14.224	14.201	14.241	VV	259	5438	0.03%	0.002%
147	14.272	14.241	14.298	VV	720	11185	0.06%	0.003%
148	14.315	14.298	14.323	VV	338	4362	0.02%	0.001%
149	14.331	14.323	14.354	VV	289	3808	0.02%	0.001%
150	14.369	14.354	14.402	VV	213	3300	0.02%	0.001%
151	14.495	14.402	14.514	PV	863	26307	0.13%	0.008%
152	14.530	14.514	14.558	VV	1151	18312	0.09%	0.006%
153	14.604	14.558	14.636	VV	721	20018	0.10%	0.006%
154	14.657	14.636	14.682	VV	1519	23947	0.12%	0.007%
155	14.690	14.682	14.705	VV	503	5368	0.03%	0.002%
156	14.724	14.705	14.742	VV	531	8060	0.04%	0.002%
157	14.769	14.742	14.804	VV	603	13424	0.07%	0.004%
158	14.830	14.804	14.860	VV	670	10184	0.05%	0.003%
159	14.907	14.860	14.934	VV	444	13957	0.07%	0.004%
160	14.953	14.934	14.983	VV	459	7115	0.04%	0.002%
161	15.051	14.983	15.078	PV	444	11803	0.06%	0.004%
162	15.145	15.078	15.165	PV	355567	4631348	23.21%	1.418%
163	15.192	15.165	15.427	VV	678633	11669929	58.49%	3.573%
164	15.451	15.427	15.495	VV	2561	93591	0.47%	0.029%
165	15.504	15.495	15.543	VV	1955	51658	0.26%	0.016%
166	15.579	15.543	15.687	VV	16273	442710	2.22%	0.136%
167	15.715	15.687	15.751	VV	4515	92820	0.47%	0.028%
168	15.787	15.751	15.833	VV	2461	74245	0.37%	0.023%
169	15.852	15.833	15.878	VV	1339	26112	0.13%	0.008%
170	15.979	15.878	16.008	VV	1215	66098	0.33%	0.020%
171	16.047	16.008	16.074	VV	1121	35583	0.18%	0.011%
172	16.104	16.074	16.153	VV	1453	53184	0.27%	0.016%
173	16.221	16.153	16.268	VV	475666	6019494	30.17%	1.843%
174	16.276	16.268	16.318	VV	1594	34226	0.17%	0.010%

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175	16.409	16.318	16.452	VV	1661	81620	0.41%	0.025%
176	16.520	16.452	16.533	VV	1566	6111		
177	16.595	16.533	16.636	VV	4386	15097		
178	16.705	16.636	16.720	VV	330657	474536		
179	16.736	16.720	16.934	VV	392937	591736		
180	16.954	16.934	16.978	VV	8375	199186	1.00%	0.061%
181	16.993	16.978	17.004	VV	7119	105699	0.53%	0.032%
182	17.024	17.004	17.041	VV	8576	170947	0.86%	0.052%
183	17.085	17.041	17.132	VV	300270	4389194	22.00%	1.344%
184	17.168	17.132	17.318	VV	457897	7225003	36.21%	2.212%
185	17.338	17.318	17.347	VV	9139	156970	0.79%	0.048%
186	17.357	17.347	17.374	VV	9233	148094	0.74%	0.045%
187	17.411	17.374	17.428	VV	9611	293799	1.47%	0.090%
188	17.482	17.428	17.511	VV	9959	464316	2.33%	0.142%
189	17.538	17.511	17.571	VV	11757	384045	1.92%	0.118%
190	17.583	17.571	17.590	VV	10861	117544	0.59%	0.036%
191	17.613	17.590	17.639	VV	15380	368526	1.85%	0.113%
192	17.651	17.639	17.674	VV	9913	200939	1.01%	0.062%
193	17.689	17.674	17.708	VV	10039	195936	0.98%	0.060%
194	17.731	17.708	17.754	VV	10326	271352	1.36%	0.083%
195	17.790	17.754	17.806	VV	10064	293722	1.47%	0.090%
196	17.817	17.806	17.855	VV	9962	279921	1.40%	0.086%
197	17.909	17.855	17.917	VV	10133	361347	1.81%	0.111%
198	17.946	17.917	17.972	VV	15363	415356	2.08%	0.127%
199	18.056	17.972	18.120	VV	466820	7176824	35.97%	2.197%
200	18.143	18.120	18.162	VV	16118	365358	1.83%	0.112%
201	18.198	18.162	18.268	VV	18721	990330	4.96%	0.303%
202	18.285	18.268	18.306	VV	14394	324642	1.63%	0.099%
203	18.335	18.306	18.345	VV	14754	335476	1.68%	0.103%
204	18.458	18.345	18.475	VV	255306	4911845	24.62%	1.504%
205	18.492	18.475	18.554	VV	233177	4574372	22.93%	1.401%
206	18.564	18.554	18.670	VV	37072	2072671	10.39%	0.635%
207	18.714	18.670	18.784	VV	288936	5867892	29.41%	1.797%
208	18.793	18.784	18.843	VV	33098	1094101	5.48%	0.335%
209	18.887	18.843	18.933	VV	466160	7659977	38.39%	2.345%
210	18.986	18.933	19.010	VV	33765	1403205	7.03%	0.430%
211	19.038	19.010	19.063	VV	31998	963684	4.83%	0.295%
212	19.081	19.063	19.103	VV	30110	718067	3.60%	0.220%
213	19.159	19.103	19.189	VV	30954	1556936	7.80%	0.477%
214	19.246	19.189	19.264	VV	39654	1554962	7.79%	0.476%
215	19.280	19.264	19.343	VV	40713	1722541	8.63%	0.527%
216	19.413	19.343	19.437	VV	36759	1944411	9.74%	0.595%
217	19.479	19.437	19.491	VV	36243	1159459	5.81%	0.355%
218	19.526	19.491	19.539	VV	36985	1043353	5.23%	0.319%
219	19.582	19.539	19.601	VV	37316	1378224	6.91%	0.422%
220	19.669	19.601	19.719	VV	464300	8766533	43.94%	2.684%
221	19.733	19.719	19.751	VV	40511	773433	3.88%	0.237%

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222	19.791	19.751	19.808	VV	42712	1417272	7.10%	0.434%
223	19.843	19.808	19.854	VV	43767	118348		
224	19.949	19.854	19.986	VV	47418	360357		
225	20.037	19.986	20.061	VV	52327	219316		
226	20.094	20.061	20.106	VV	50754	133464		
227	20.124	20.106	20.143	VV	50250	1110246	5.56%	0.340%
228	20.316	20.143	20.338	VV	59522	6271813	31.43%	1.920%
229	20.409	20.338	20.493	VV	471949	11552683	57.90%	3.537%
230	20.561	20.493	20.583	VV	66834	3430365	17.19%	1.050%
231	20.629	20.583	20.651	VV	70446	2798019	14.02%	0.857%
232	20.694	20.651	20.709	VV	69289	2393502	12.00%	0.733%
233	20.761	20.709	20.784	VV	72208	3153536	15.80%	0.965%
234	20.803	20.784	20.825	VV	70019	1678081	8.41%	0.514%
235	20.868	20.825	20.890	VV	71159	2721181	13.64%	0.833%
236	20.914	20.890	20.984	VV	70795	3982576	19.96%	1.219%
237	21.010	20.984	21.038	VV	69023	2192890	10.99%	0.671%
238	21.141	21.038	21.391	VV	410583	19953160	100.00%	6.109%
239	21.479	21.391	21.500	VV	64117	4095755	20.53%	1.254%
240	21.508	21.500	21.517	VV	63931	654386	3.28%	0.200%
241	21.556	21.517	21.648	VV	66324	5063997	25.38%	1.550%
242	21.660	21.648	21.688	VV	61029	1455237	7.29%	0.446%
243	21.783	21.688	21.791	VV	62593	3799253	19.04%	1.163%
244	21.827	21.791	21.961	VV	63809	6139306	30.77%	1.880%
245	22.045	21.961	22.301	VBA	268439	16961384	85.01%	5.193%

Sum of corrected areas: 326623452

Aliphatic EPH 071724.M Fri Jul 26 02:51:59 2024

Instrument :
FID_E
ClientSampleId :
SOIL-COMPMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024