

List of Detectable Metabolites using LC-(ESI)-MS (TripleTOF-6600)-HILIC

#	Name of Metabolite
1	DEOXYADENOSINE MONOPHOSPHATE
2	(2-AMINOETHYL)PHOSPHONATE
3	10-HYDROXYDECANOATE
4	1-AMINOCYCLOPROPANECARBOXYLATE
5	1-METHYLADENOSINE
6	1-METHYL-L-HISTIDINE
7	1-METHYLNICOTINAMIDE
8	2,3-DIAMINOPROPIONATE
9	2,3-DIHYDROXYBENZOATE
10	2',4'-DIHYDROXYACETOPHENONE
11	2,4-DIHYDROXYPTERIDINE
12	2,5-DIHYDROXYBENZOATE
13	2,6-DIHYDROXYPYRIDINE
14	2-ACETAMIDO-2-DEOXY-BETA-D-GLUCOSYLAMINE
15	2-AMINOISOBUTYRATE
16	2-HYDROXY-4-(METHYLTHIO)BUTANOATE
17	2-HYDROXYBUTYRATE
18	2-HYDROXYGLUTERATE
19	2-HYDROXYISOBUTYRATE
20	2-HYDROXYPHENYLACETATE
21	2-ISOPROPYLMALIC ACID
22	2-METHYLGLUTARATE
23	2'-O-METHYLURIDINE
24	2-PHOSPHOGLYCERATE
25	2-QUINOLINECARBOXYLATE
26	3-(2-HYDROXYPHENYL)PROPANOATE
27	3,4 DIHYDROXYMANDELATE
28	3,4-DIHYDROXYBENZOATE
29	3,4-DIHYDROXYPHENYLGLYCOL
30	3,5-DIIODO-L-TYRONINE
31	3,5-DIIODO-L-TYROSINE
32	3-AMINO-4-HYDROXYBENZOATE

33	3-AMINO-5-HYDROXYBENZOATE
34	3-DEHYDROSHIKIMATE
35	3-HYDROXY-3-METHYLGLUTARYL-COA
36	3-HYDROXYANTHRANILATE
37	3-HYDROXYBUTYRIC ACID
38	3-HYDROXYMETHYLGLUTARATE
39	3-METHOXY-4-HYDROXYMANDELATE
40	3-METHOXYTYRAMINE
41	3-METHOXYTYROSINE
42	3-METHYL-2-OXOBUTANOATE
43	3-METHYLCROTONYL-COA
44	3-METHYLHISTAMINE
45	3-NITRO-L-TYROSINE
46	3-PHOSPHO-SERINE
47	3-SULFINOALANINE
48	4-ACETAMIDOBUTANOATE
49	4-AMINOBENZOATE
50	4-GUANIDINOBUTANOATE
51	4-HYDROXYBENZALDEHYDE
52	4-HYDROXYBENZOATE
53	4-HYDROXY-L-PHENYLGLYCINE
54	4-IMIDAZOLEACETATE
55	4-PYRIDOXATE
56	5-AMINOLEVULINATE
57	5-AMINOPENTANOATE
58	5'-DEOXYADENOSINE
59	5-HYDROXYLYSINE
60	5-HYDROXYTRYPTOPHAN
61	5-METHYL-2'-DEOXYCYTIDINE
62	5-METHYLCYTOSINE
63	6-(DIMETHYLAMINO)PURINE
64	6-CARBOXYHEXANOATE
65	6-HYDROXYNICOTINATE
66	6-PHOSPHOGLUCONATE

67	ACETOIN
68	ACETYLCHOLINE
69	ACETYL-COA
70	ACETYLCYTIDINE
71	ACETYLGLUCOSAMINE
72	ACONITATE
73	ADENINE
74	ADENOSINE
75	ADENOSINE 3',5'-DIPHOSPHATE
76	ADENOSINE DIPHOSPHATE RIBOSE
77	ADENOSINE-MONOPHOSPHATE
78	ADENYLSUCCINIC ACID
79	ADIPATE
80	ADP-GLUCOSE
81	AGMATINE SULFATE
82	AICAR
83	A-KETOGLUTARATE
84	ALLANTOIN
85	ALLOTHREONINE
86	AMINOADIPATE
87	AMINOISOBUTANOATE
88	ANILINE-2-SULFONATE
89	ANSERINE
90	ANTHRANILATE
91	ARGININE
92	ASCORBIC ACID
93	ASPARAGINE
94	ASPARTATE
95	ATP
96	BENZOATE
97	BETA-GLYCEROPHOSPHATE
98	BETAINE
99	BETA-NICOTINAMIDE ADENINE DINUCLEOTIDE
100	BILIVERDIN

101	BIOTIN
102	CAFFEATE
103	CAFFEINE
104	CARNOSINE
105	CDP-ETHANOLAMINE
106	CHOLINE
107	CIS-4-HYDROXY-D-PROLINE
108	CITICOLINE
109	CITRACONIC ACID
110	CITRAMALATE
111	CITRULLINE
112	COENZYME A
113	CORTISOL
114	CORTISOL 21-ACETATE
115	CREATINE
116	CREATININE
117	CTP
118	CYCLIC AMP
119	CYCLIC GMP
120	CYSTATHIONINE
121	CYSTEATE
122	CYSTEINE
123	CYSTINE
124	CYTIDINE
125	CYTIDINE 2',3'-CYCLIC PHOSPHATE
126	CYTIDINE MONOPHOSPHATE
127	CYTOSINE
128	DEOXYCARNITINE
129	DEOXYCYTIDINE
130	DEOXYCYTIDINE MONOPHOSPHATE
131	DEOXYCYTIDINE-DIPHOSPHATE
132	DEOXYGUANOSINE
133	DEOXYGUANOSINE-MONOPHOSPHATE
134	DEOXYINOSINE

135	DEOXYRIBOSE 5-PHOSPHATE
136	DEOXYURIDINE
137	DEOXYURIDINE-MONOPHOSPHATE
138	D-GLUCURONOLACTONE
139	DIAMINOPIMELATE
140	DIETHANOLAMINE
141	DIHYDROFOLIC ACID
142	DIHYDROOROTATE
143	DIHYDROURACIL
144	D-MANNOSAMINE
145	D-ORNITHINE
146	D-RIBOSE 5-PHOSPHATE
147	DTDP
148	DTDP-D-GLUCOSE
149	EPINEPHRINE
150	ETHANOLAMINE PHOSPHATE
151	ETHYLMALONATE
152	FAD
153	FERULATE
154	FLAVONE
155	FOLATE
156	FRUCTOSE
157	FRUCTOSE 6-PHOSPHATE
158	FRUCTOSE-1,6-BISPHOSPHATE
159	FUMARATE
160	GALACTARATE
161	GALACTITOL
162	GALACTOSAMINE
163	GALACTOSE
164	GALACTOSE 1-PHOSPHATE
165	GALACTURONATE
166	GAMMA-AMINOBUTYRATE
167	GERANYL-PP
168	GLUCONATE

169	GLUCONOLACTONE
170	GLUCOSAMINATE
171	GLUCOSAMINE
172	GLUCOSAMINE 6-PHOSPHATE
173	GLUCOSAMINE 6-SULFATE
174	GLUCOSE 1-PHOSPHATE
175	GLUCOSE 6-PHOSPHATE
176	GLUCURONATE
177	GLUTAMATE
178	GLUTAMINE
179	GLUTARATE
180	GLUTARYLCARNITINE
181	GLUTATHIONE DISULFIDE
182	GLUTATHIONE REDUCED
183	GLYCERATE
184	GLYCEROL 2-PHOSPHATE
185	GLYCEROL 3-PHOSPHATE
186	GLYCOCHENODEOXYCHOLATE
187	GLYCOCHOLATE
188	GLYCOLATE
189	GTP
190	GUANIDINOACETATE
191	GUANIDINOSUCCINATE
192	GUANINE
193	GUANOSINE
194	GUANOSINE DIPHOSPHATE MANNOSE
195	GUANOSINE MONOPHOSPHATE
196	HIPPURATE
197	HISTAMINE
198	HISTIDINE
199	HISTIDINOL
200	HOMOCYSTEIC ACID
201	HOMOCYSTEINE THIOLACTONE
202	HOMOCYSTINE

203	HOMOSERINE
204	HOMOVANILLATE
205	HYDROXYISOCAPROIC ACID
206	HYPOTAURINE
207	HYPOXANTHINE
208	INDOLE
209	INDOLE-3-ACETAMIDE
210	INDOLE-3-ACETATE
211	INDOLE-3-CARBOXYLIC ACID
212	INDOLE-3-ETHANOL
213	INDOLE-3-METHYL ACETATE
214	INDOLEACRYLIC ACID
215	INDOXYL SULFATE
216	INOSINE
217	INOSINE MONOPHOSPHATE
218	ISOLEUCINE/LEUCINE
219	ISOPENTENYL PYROPHOSPHATE
220	ITACONATE
221	KYNURENATE
222	KYNURENINE
223	LACTOSE
224	L-ALANINE
225	LAUROYL CARNITINE
226	L-CARNITINE
227	LIPOAMIDE
228	LIPOATE
229	L-ORNITHINE
230	L-TRYPTOPHANAMIDE
231	LUMICHROME
232	LYSINE
233	MALATE
234	MALEATE
235	MALONATE
236	MANNOSE 6-PHOSPHATE

237	MELATONIN
238	METHIONINE
239	METHIONINE SULFOXIMINE
240	METHYGLUTARATE
241	METHYL 4-AMINOBUTYRATE
242	METHYL ACETOACETATE
243	METHYL GALACTOSIDE
244	METHYL VANILLATE
245	METHYLCYSTEINE
246	METHYLGUANIDINE
247	METHYLMALONATE
248	METHYLTHIOADENOSINE
249	MYO-INOSITOL
250	N,N,N-TRIMETHYLLYSINE
251	N,N-DIMETHYL-ARGININE
252	N6-(DELTA2-ISOPENTENYL)-ADENINE
253	N-ACETYL L-TYROSINE
254	N-ACETYLMETHIONINE
255	N-ACETYLASPARAGINE
256	N-ACETYLASPARTATE
257	N-ACETYLCYSTEINE
258	N-ACETYLGALACTOSAMINE
259	N-ACETYL-GLUCOSAMINE
260	N-ACETYLGLUCOSAMINE-1-PHOSPHATE
261	N-ACETYLGLUTAMATE
262	N-ACETYL-GLUTAMINE
263	N-ACETYLGLYCINE
264	N-ACETYL-L-ORNITHINE
265	N-ACETYLMANNOSAMINE
266	N-ACETYLMETHIONINE
267	N-ACETYLNEURAMINATE
268	N-ACETYLPHENYLALANINE
269	N-ACETYLPROLINE
270	N-ACETYLPUTRESCINE

271	N-ACETYSERINE
272	N-ACETYLTRYPHOPHAN
273	NAD+
274	NADP
275	N-ALPHA-ACETYLLYSINE
276	N-CARBAMOYL-L-ASPARTATE
277	N-FORMYL-L-METHIONINE
278	NICOTINAMIDE
279	NICOTINAMIDE HYPOXANTHINE DINUCLEOTIDE
280	NICOTINAMIDE MONONUCLEOTIDE
281	NICOTINATE
282	N-METHYLASPARTATE
283	N-METHYLGLUTAMATE
284	N-METHYLTRYPTAMINE
285	N-N-DIMETHYLGLYCINE
286	NORMETANEPHRINE
287	NORSPERMIDINE
288	NORVALINE
289	O-ACETYLCARNITINE
290	O-ACETYSERINE
291	O-PHOSPHOETHANOLAMINE
292	O-PHOSPHOSERINE
293	OPHTHALMATE
294	OROTATE
295	O-SUCCINYL-HOMOSERINE
296	OXALIC ACID
297	OXOADIPATE
298	OXOPROLINE
299	PALMITOYLCARNITINE
300	PANTOTHENATE
301	PARAXANTHINE
302	PHENYLALANINE
303	PHENYLETHANOLAMINE
304	PHENYLLACTIC ACID

305	PHOSPHOCREATINE
306	PHOSPHOENOLPYRUVATE
307	PHOSPHONOACETATE
308	PHOSPHORYLCHOLINE
309	PHOSPHOSERINE
310	PIPECOLATE
311	P-OCTOPAMINE
312	PREGNENOLONE SULFATE
313	PROLINE
314	PTERIN
315	PURINE
316	PYRIDOXAL
317	PYRIDOXAMINE
318	PYRIDOXINE
319	PYROCATECHOL
320	PYROGLUTAMATE
321	PYRUVATE
322	QUINATE
323	QUINOLINATE
324	RIBOFLAVIN
325	SACCHARATE
326	S-ADENOSYLHOMOCYSTEINE
327	S-ADENOSYLMETHIONINE
328	SALSOLINOL
329	SARCOSINE
330	S-CARBOXYMETHYLCYSTEINE
331	SELENOMETHIONINE
332	SERINE
333	SEROTONIN
334	S-HEXYL-GLUTATHIONE
335	SHIKIMATE
336	SORBATE
337	SORBITOL
338	STACHYOSE

339	SUBERATE
340	SUCCINATE
341	TARTRATE
342	TAURINE
343	TAURODEOXYCHOLIC ACID
344	THEOBROMINE
345	THEOPHYLLINE
346	THIAMINE
347	THIAMINE MONOPHOSPHATE
348	THIOPURINE S-METHYLETHER
349	THIOUREA
350	THREONINE
351	THYMIDINE
352	THYMIDINE-MONOPHOSPHATE
353	THYMINE
354	THYROTROPIN RELEASING HORMONE
355	TOLYLACETATE
356	TRANS-4-HYDROXY-L-PROLINE
357	TREHALOSE
358	TRIGONELLINE
359	TRYPTAMINE
360	TRYPTOPHAN
361	TYRAMINE
362	TYROSINE
363	URACIL
364	URACIL 5-CARBOXYLATE
365	UREIDOISOBUTYRIC ACID
366	UREIDOPROPIONATE
367	URIDINE
368	URIDINE 5'-DIPHOSPHATE
369	URIDINE DIPHOSPHATE GLUCOSE
370	URIDINE DIPHOSPHATE GLUCURONIC ACID
371	URIDINE DIPHOSPHATEGALACTOSE
372	URIDINE DIPHOSPHATE-N-ACETYLGALACTOSAMINE

373	URIDINE DIPHOSPHATE-N-ACETYLGLUCOSAMINE
374	URIDINE MONOPHOSPHATE
375	UROCANATE
376	UTP
377	VALINE
378	XANTHINE
379	XANTHOSINE
380	XANTHOSINE-MONOPHOSPHATE
381	XANTHURENATE