

## Application Notes – AppNotes Listed by Compound

This list of links to application notes on this site, showcase methods of separation for each of the compounds below and the Cogent column used. Not all of our application notes are listed below and to find other applications, call our Customer Service department at 1-732-380-8900 between 9-5:30 EST.

| Compound                                                                 | Method Column               |
|--------------------------------------------------------------------------|-----------------------------|
| <a href="#">(l)-9-Carboxy-11-Nor-Delta-9- tetrahydrocannabinol</a>       | Cogent Phenyl Hydride™      |
| <a href="#">α-Carotene</a>                                               | Cogent C30™                 |
| <a href="#">α-Ketoglutaric Acid</a> ( <i>A metal free coating Test</i> ) | Cogent Diamond Hydride™     |
| <a href="#">β-Alanine</a> ( <i>Extended Application</i> )                | Cogent Diamond Hydride™     |
| <a href="#">β-Cryptoxanthin</a>                                          | Cogent C30™                 |
| <a href="#">δ-Carotene</a>                                               | Cogent C30™                 |
| <a href="#">11-Alpha-Acetotyprogesterone</a>                             | Cogent UDC-Cholesterol™     |
| <a href="#">1,3-Dimethylamylamine</a> ( <i>Extended Application</i> )    | Cogent Diamond Hydride™     |
| <a href="#">1,4-Benzodiazepines In Urine by ANP HPLC</a>                 | Cogent Diamond Hydride 2.0™ |
| <a href="#">1,4-Benzodiazepines In Urine by Reversed Phase HPLC</a>      | Cogent Diol™                |
| <a href="#">1-phenyl-1,2-propanediol</a>                                 | Cogent Bidentate C18™       |
| <a href="#">1-phenyl-2-propanol</a>                                      | Cogent Bidentate C18™       |
| <a href="#">13-cis β-Carotene</a>                                        | Cogent C30™                 |
| <a href="#">3',3'-Diaminobenzidine</a>                                   | Cogent Diamond Hydride™     |
| <a href="#">3-Hydroxy-3-Methylglutaric acid</a>                          | Cogent Diamond Hydride™     |
| <a href="#">3-Hydroxy Cinnamic Acid</a>                                  | Cogent Diamond Hydride™     |
| <a href="#">3-Hydroxytryptamine</a>                                      | Cogent Diamond Hydride™     |
| <a href="#">3,4-Dihydroxyphenylacetic Acid</a>                           | Cogent Diamond Hydride™     |
| <a href="#">3,4-hydroxybenzoic acid, 10 Phenolics</a>                    | Cogent Phenyl Hydride™      |
| <a href="#">3,4-hydroxybenzoic acid, 5 Phenolics</a>                     | Cogent Phenyl Hydride™      |
| <a href="#">3,4-methylenedioxy-N-methylamphetamine</a>                   | Cogent Phenyl Hydride™      |
| <a href="#">3,5-dimethoxy-4-hydroxycinnamic acid, Rice Extract</a>       | Cogent Phenyl Hydride™      |
| <a href="#">3,5-dimethoxy-4-hydroxycinnamic acid, 10 Phenolics</a>       | Cogent Phenyl Hydride™      |
| <a href="#">3,5-dimethoxy-4-hydroxycinnamic acid, 5 Phenolics</a>        | Cogent Phenyl Hydride™      |
| <a href="#">4-amino-3-chloropyridine (Compound-Dependent)</a>            | RSA™ Glass Vials            |
| <a href="#">4-amino-3-chloropyridine</a>                                 | Cogent Amide™               |
| <a href="#">4-aminophenol</a>                                            | Cogent Bidentate C18™       |
| <a href="#">4'-Aminoacetophenone</a>                                     | Cogent UDC-Cholesterol™     |
| <a href="#">4-Dimethylaminopyridine</a>                                  | Cogent Diamond Hydride™     |
| <a href="#">4-hydroxybenzoic acid</a>                                    | Cogent Phenyl Hydride™      |
| <a href="#">4-Hydroxyproline</a>                                         | Cogent Diamond Hydride™     |

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| 4-nitrophenol                                                        | Cogent Bidentate C18™           |
| 5-HIAA                                                               | Cogent Diamond Hydride™         |
| 5-Hydroxy-3-Indole Acetic Acid                                       | Cogent Diamond Hydride™         |
| 6-Monoacetylmorphine                                                 | Cogent Bidentate C18 2.0™       |
| 6'-O-Feruloylsucrose                                                 | Cogent Phenyl Hydride™          |
| 6-Aminouracil <i>Uric Acid Metabolites</i>                           | Cogent Diol™                    |
| 6-Aminouracil <i>Uric Acid &amp; Metabolites</i>                     | Cogent Diol™                    |
| 6-methyl-thioinosine-5'-monophosphate ( <i>meTIMP</i> )              | Cogent Diamond Hydride™         |
| 6-thioguanosine -5'-diphosphate ( <i>TGDP</i> )                      | Cogent Diamond Hydride™         |
| 6-thioguanosine -5'-phosphate ( <i>TGMP</i> )                        | Cogent Diamond Hydride™         |
| 6-thioinosine-5'-triphosphate ( <i>TITP</i> )                        | Cogent Diamond Hydride™         |
| 9-cis $\beta$ -Carotene                                              | Cogent C30™                     |
| Acetaminophen & Impurity                                             | Cogent Bidentate C18™           |
| Acetaminophen <i>Analgesic Drugs</i>                                 | Cogent Bidentate C18™           |
| Acetaminophen <i>with Hydrocodone</i>                                | Cogent Phenyl Hydride™ (RP)     |
| Acetaminophen <i>Coricidin HBP Night</i>                             | Cogent Phenyl Hydride 2.0™ (RP) |
| Acetaminophen (BAC) <i>Fioricet</i>                                  | Cogent Bidentate C18™           |
| Acetaminophen (impurities) <i>Alternate USP Method</i>               | Cogent Bidentate C18™           |
| Acetanilide ( <i>internal standard, with Prednisone</i> )            | Cogent Bidentate C18™           |
| Acetanilide ( <i>logP determination</i> )                            | Cogent Bidentate C18 2.0™       |
| Acetylsalicylic Acid                                                 | Cogent Bidentate C18™           |
| Acetyl-L-Carnitine                                                   | Cogent Diamond Hydride™         |
| Aconitic Acid ( <i>Trans</i> )                                       | Cogent Diamond Hydride™         |
| Acrylamide                                                           | Cogent Diamond Hydride™         |
| Acyclovir                                                            | Cogent Diamond Hydride™         |
| Adenine                                                              | Cogent Diamond Hydride™         |
| Adenine Nucleotides                                                  | Cogent Amide™                   |
| Adenosine-3,5-cyclic monophosphate                                   | Cogent Diamond Hydride™         |
| Adenosine-5'-diphosphate ( <i>ADP</i> )                              | Cogent UDA™                     |
| Adenosine-5- monophosphate ( <i>AMP</i> ) <i>ATP &amp; AMP</i>       | Cogent Diamond Hydride™         |
| Adenosine-5- monophosphate ( <i>AMP</i> ) <i>Adenine Nucleotides</i> | Cogent UDA™                     |
| Adenosine-5- monophosphate ( <i>AMP</i> ) <i>Nucleotides</i>         | Cogent UDA™                     |
| Adenosine-5- triphosphate ( <i>ATP</i> ) <i>ATP &amp; AMP</i>        | Cogent Diamond Hydride™         |
| Adenosine-5- triphosphate ( <i>ATP</i> ) <i>Adenine Nucleotides</i>  | Cogent UDA™                     |
| Adhumulone                                                           | Cogent Bidentate C18™           |
| Adlupulone                                                           | Cogent Bidentate C18™           |
| ADP                                                                  | Cogent UDA™                     |

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| <a href="#">ADP-Glucose</a>                                                                    | Cogent Diamond Hydride™       |
| <a href="#">Aegeline</a>                                                                       | Cogent Bidentate C18 2.0™     |
| <a href="#">Aegeline</a> <i>(Extended Application)</i>                                         | Cogent Bidentate C18 2.0™     |
| <a href="#">Alanine</a> , <i>Sugars Alcohols &amp; Amino Acids</i>                             | Cogent Diamond Hydride™       |
| <a href="#">Alanine</a> , <i>Acetone as a Substitute for Acetonitrile</i>                      | Cogent Diamond Hydride™       |
| <a href="#">Allantoin</a> <i>Uric Acid Metabolites</i>                                         | Cogent Diol™                  |
| <a href="#">Allantoin</a> <i>Uric Acid and Metabolites</i>                                     | Cogent Diol™                  |
| <a href="#">Alpha-Acetotyprogesterone</a>                                                      | Cogent UDC-Cholesterol™       |
| <a href="#">Alprazolam</a> <i>API &amp; Internal Standard</i>                                  | Cogent Diamond Hydride™       |
| <a href="#">Alprazolam</a> <i>Benefit of Small Particles</i>                                   | Cogent Diamond Hydride 2.0™   |
| <a href="#">Alprazolam</a>                                                                     | Cogent Biphenyl™              |
| <a href="#">Amikacin</a>                                                                       | Cogent Diamond Hydride™       |
| <a href="#">Amiloride</a>                                                                      | Cogent Diamond Hydride 2.0™   |
| <a href="#">Aminoacetophenone</a>                                                              | Cogent Bidentate C18™         |
| <a href="#">Amino Acids, D,L Leucine</a>                                                       | Cogent Diamond Hydride™       |
| <a href="#">Amino Acids – <i>Easy Method</i> Aspartic Acid &amp; Arginine</a>                  | Cogent Diamond Hydride™       |
| <a href="#">Amino Acids w/o Derivatizing Methionine &amp; Glutamic Acid</a>                    | Cogent Diamond Hydride™       |
| <a href="#">Amino-Caproic Acid</a>                                                             | Cogent Bidentate C18™         |
| <a href="#">Amlodipine, Valsartan, and Hydrochlorothiazide Tablet</a><br><i>USP HPLC Assay</i> | Cogent RP C18™                |
| <a href="#">Amoxicillin-Orthogonal USP</a>                                                     | Cogent Diamond Hydride™       |
| <a href="#">Amoxicillin</a> <i>USP method</i>                                                  | Cogent Bidentate C18™         |
| <i>USP Assay with HPLC</i>                                                                     | Cogent Hyper Similar C18™     |
| <a href="#">AMP</a> <i>Adenine Nucleotides</i>                                                 | Cogent UDA™                   |
| <a href="#">AMP</a> <i>AMP, NAD NADP &amp; GTP</i>                                             | Cogent UDA™                   |
| <a href="#">Anatoxin-a</a>                                                                     | Cogent Diamond Hydride™       |
| <a href="#">Andosterone-3, 17-dione</a>                                                        | Cogent UDC-Cholesterol™       |
| <a href="#">Andrenosterone</a>                                                                 | Cogent UDC-Cholesterol™       |
| <a href="#">Angiotensin II</a>                                                                 | Cogent Bidentate C8 300™ (RP) |
| <a href="#">Anthracene</a>                                                                     | Cogent UDC-Cholesterol™       |
| <a href="#">Anthracene</a>                                                                     | Cogent Bidentate C8™          |
| <a href="#">Argatroban</a>                                                                     | Cogent Phenyl Hexyl™          |
| <a href="#">Arginine</a> <i>Sugars, Alcohols &amp; Amino Acids</i>                             | Cogent Diamond Hydride™       |
| <a href="#">Arginine</a> <i>Acetone instead of Acetonitrile</i>                                | Cogent Diamond Hydride™       |
| <a href="#">Arginine (ANP)</a> <i>Aspartic Acid</i>                                            | Cogent Diamond Hydride™       |
| <a href="#">Ascorbic Acid</a> <i>pH Gradient for Vitamins</i>                                  | Cogent Diamond Hydride™       |
| <a href="#">Ascorbic Acid</a> <i>Polar Solutes</i>                                             | Cogent Diol™                  |

[Asparagine \(L\)](#) *Domoic Acid*

[Aspartic Acid](#) *Sugars, Alcohols & Amino Acids*

[Aspartic Acid](#) *Polar Solutes*

[Aspartic Acid \(L\)](#) *Acetone instead of Acetonitrile*

[Aspartic Acid \(L\)](#) *with Arginine*

[Aspirin](#) *Salicylic Acid*

[Aspirin](#) *Paracetamol & Salicylic Acid*

[Astaxanthin](#)

[Atenolol](#)

[Atorvastatin](#) *as a Drug Product*

[Atorvastatin](#) *as a Drug Product*

[Atorvastatin](#) *with Generic Drug Product*

[Atorvastatin](#) *with Smaller Particles*

[Atorvastatin](#) *by LCMS Forced Degradation*

[Atorvastatin Lactone](#) *with Smaller Particles*

[ATP](#) *From Red Blood Cells*

[ATP](#) *Adenine Nucleotides*

[Atropine](#)

[ATP & AMP](#)

[Azithromycin](#)

[B Vitamins](#)

[Baclofen](#)

[Barbiturates in Urine](#)

[Beer](#)

[Benzene](#) *Separation of Planar Molecules*

[Benzene](#)

[Benzoic Acid](#)

[Benzoic Acid](#) *(Compound-Dependent)*

[Benzonate](#)

[Benzonitrile](#)

[Benzophenone](#)

[Benzopyran](#)

[Benzylpiperazine](#)

[Benzyl benzoate](#)

[Beta-Alanine](#)

[Beta-Carotene](#)

[Beta-Carotene](#)

[Cogent Diamond Hydride™](#)

[Cogent Diamond Hydride™](#)

[Cogent Diamond Hydride™](#)

[Cogent Diamond Hydride™](#)

[Cogent Diamond Hydride™](#)

[Cogent Bidentate C18™](#)

[Cogent Bidentate C18™](#)

[Cogent C30™](#)

[Cogent Diamond Hydride™](#)

[Cogent Bidentate C18™](#)

[Cogent Phenyl Hydride™](#)

[Cogent Phenyl Hydride™](#)

[Cogent Bidentate C18 2.o™](#)

[Cogent Bidentate C18™](#)

[Cogent Bidentate C18 2.o™](#)

[Cogent Diamond Hydride™](#)

[Cogent UDA™](#)

[Cogent Bidentate C18™](#)

[Cogent Diamond Hydride™](#)

[Cogent Bidentate C8™](#)

[Cogent Diamond Hydride™](#)

[Cogent Diamond Hydride™](#)

[Cogent Bidentate C18™](#)

[Cogent Bidentate C18™](#)

[Cogent UDC-Cholesterol™](#)

[Cogent Bidentate C8™](#)

[Cogent Bidentate C18™](#)

[RSA™ Glass Vials](#)

[Cogent Bidentate C18™](#)

[Cogent Bidentate C18 2.o™](#)

[Cogent Bidentate C18™](#)

[Cogent UDC-Cholesterol™](#)

[Cogent Diamond Hydride™](#)

[Cogent Bidentate C18 2.o™](#)

[Cogent Diamond Hydride™](#)

[Cogent Bidentate C18™ by SFC](#)

[Cogent Phenyl Hydride™](#)

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| <a href="#">beta-nicotinamide adenine dinucleotide (NAD)</a>                          | <a href="#">Cogent UDA™</a>               |
| <a href="#">Betaine</a>                                                               | <a href="#">Cogent Diamond Hydride™</a>   |
| <a href="#">Bibenzyl</a>                                                              | <a href="#">Cogent Bidentate C18 2.0™</a> |
| <a href="#">Bi-Est® (Extended Application)</a>                                        | <a href="#">Cogent Bidentate C18 2.0™</a> |
| <a href="#">Bi-Est®</a>                                                               | <a href="#">Cogent Bidentate C18 2.0™</a> |
| <a href="#">Bile Acids</a>                                                            | <a href="#">Cogent Diamond Hydride™</a>   |
| <a href="#">Bisacodyl</a>                                                             | <a href="#">Cogent Bidentate C18™</a>     |
| <a href="#">Bismuth subsalicylate</a>                                                 | <a href="#">Cogent Bidentate C18 2.0™</a> |
| <a href="#">Bisphenol A (baby bottles)</a>                                            | <a href="#">Cogent Bidentate C18 2.0™</a> |
| <a href="#">Bisphenol A (Extended Application Note)</a>                               | <a href="#">Cogent Bidentate C8™</a>      |
| <a href="#">Bisphenol A</a>                                                           | <a href="#">Cogent Bidentate C8™</a>      |
| <a href="#">Bisphenol A (with bisphenol B, S, and f.)</a>                             | <a href="#">Cogent Bidentate C18 2.0™</a> |
| <a href="#">Bisphenol F (baby bottles BPA, BPF, and BPS)</a>                          | <a href="#">Cogent Bidentate C18 2.0™</a> |
| <a href="#">Bisphenol F</a>                                                           | <a href="#">Cogent Bidentate C18 2.0™</a> |
| <a href="#">Bisphenol S (baby bottles)</a>                                            | <a href="#">Cogent Bidentate C18 2.0™</a> |
| <a href="#">Bisphenol S</a>                                                           | <a href="#">Cogent Bidentate C18 2.0™</a> |
| <a href="#">Bovine Heart Cytochrome c</a>                                             | <a href="#">Cogent Bidentate C8 300™</a>  |
| <a href="#">Bradykinin</a>                                                            | <a href="#">Cogent Diamond Hydride™</a>   |
| <a href="#">Branched Chain Amino Acids</a>                                            | <a href="#">Cogent Diamond Hydride™</a>   |
| <a href="#">Butalbital (BAC)</a>                                                      | <a href="#">Cogent Bidentate C18™</a>     |
| <a href="#">Butalbital (in urine)</a>                                                 | <a href="#">Cogent Bidentate C18™</a>     |
| <a href="#">Caffeic acid (Commercial Rice Extract, 5 standards)</a>                   | <a href="#">Cogent Phenyl Hydride™</a>    |
| <a href="#">Caffeic acid (Commercial Rice Extract, 10 standards)</a>                  | <a href="#">Cogent Phenyl Hydride™</a>    |
| <a href="#">Caffeine in different beverages</a>                                       | <a href="#">Cogent Bidentate C18 2.0™</a> |
| <a href="#">Caffeine (Dietary supplement)</a>                                         | <a href="#">Cogent Diamond Hydride™</a>   |
| <a href="#">Caffeine (Separation of Paracetamol, Aspirin, Caffeine, Benzoic Acid)</a> | <a href="#">Cogent Bidentate C18™</a>     |
| <a href="#">Caffeine (Analysis of Commercial ground coffee)</a>                       | <a href="#">Cogent Diamond Hydride™</a>   |
| <a href="#">Caffeine (Red Bull Energy drink analysis)</a>                             | <a href="#">Cogent Diamond Hydride™</a>   |
| <a href="#">Caffeine (BAC)</a>                                                        | <a href="#">Cogent Bidentate C18™</a>     |
| <a href="#">Cannabinoids</a>                                                          | <a href="#">Cogent Bidentate C18™</a>     |
| <a href="#">Cannabis Metabolite</a>                                                   | <a href="#">Cogent Phenyl Hydride™</a>    |
| <a href="#">Canthaxanthin</a>                                                         | <a href="#">Cogent C30™</a>               |
| <a href="#">Capsaicin</a>                                                             | <a href="#">Cogent Bidentate C18™</a>     |
| <a href="#">Capsanthin</a>                                                            | <a href="#">Cogent C30™</a>               |
| <a href="#">Carboplatin USP assay</a>                                                 | <a href="#">Cogent NP Amino™</a>          |
| <a href="#">Carisoprodol</a>                                                          | <a href="#">Cogent Bidentate C18™</a>     |
| <a href="#">L-Carnitine (Milk Extract Analysis by ANP)</a>                            | <a href="#">Cogent Diamond Hydride™</a>   |

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|---------------------------------------------------------------------|---------------------------------|
| L-Carnitine ( <i>Human Plasma Extract</i> )                         | Cogent UDC-Cholesterol™         |
| Carotenoids                                                         | SFC, Cogent Bidentate C18™      |
| CARVONE                                                             | Cogent Bidentate C18™           |
| Catalyst: DMAP                                                      | Cogent Diamond Hydride™         |
| Catechin (RP)                                                       | Cogent Bidentate C18™           |
| CDP-Glucose                                                         | Cogent Diamond Hydride™         |
| Cefprozil                                                           | Cogent Phenyl Hydride™ (RP)     |
| Celecoxib                                                           | Cogent Phenyl Hydride™ (RP)     |
| Cell Extracts                                                       | Cogent Diamond Hydride™         |
| Cephalexin monohydrate                                              | Cogent Diamond Hydride™         |
| Cetirizine                                                          | Cogent Diamond Hydride™         |
| Cetylpyridinium Chloride                                            | Cogent Diamond Hydride™         |
| Cetylpyridinium Chloride (Compound-Dependent)                       | RSA™ Glass Vials                |
| Cetylpyridinium Chloride (Concentration-Dependent)                  | RSA™ Glass Vials                |
| Cetylpyridinium Chloride (Time-Dependent)                           | RSA™ Glass Vials                |
| Chenodeoxycholic Acid ( <i>Urine Analysis</i> )                     | Cogent Diamond Hydride™         |
| Chenodeoxycholic Acid ( <i>and nutrients Betaine and Choline</i> )  | Cogent Diamond Hydride™         |
| Chlorhexidine                                                       | Cogent Diamond Hydride™         |
| Chlormequat                                                         | Cogent Diamond Hydride™         |
| Chlorpheniramine ( <i>Coricidin HBP Night® Tablet</i> )             | Cogent Phenyl Hydride 2.0™ (RP) |
| Chlorpheniramine ( <i>Organic Impurities Method</i> )               | Cogent Bidentate C8             |
| Chlorpheniramine N-oxide                                            | Cogent Bidentate C8             |
| Chlorpheniramine Related Compound A                                 | Cogent Bidentate C8             |
| Chlorpheniramine Related Compound B                                 | Cogent Bidentate C8             |
| Chlorpheniramine Related Compound C                                 | Cogent Bidentate C8             |
| Chlorpheniramine Related Compound D                                 | Cogent Bidentate C8             |
| Choline ( <i>Urinary Purine and nutrient assay</i> )                | Cogent Diamond Hydride™         |
| Choline ( <i>Lactodifucotetraose, Trimethylamine, L-carnitine</i> ) | Cogent UDC-Cholesterol™         |
| Chlorogenic acid                                                    | Cogent Phenyl Hydride™ (RP)     |
| Cinnamic Acid (3-Hydroxy)                                           | Cogent Diamond Hydride™         |
| Cinnamic Acid                                                       | Cogent Phenyl Hydride™          |
| Cis Aconitic Acid                                                   | Cogent Diamond Hydride™         |
| Cis-Resveratrol                                                     | Cogent Bidentate C18™           |
| Citric Acid ( <i>and organic acids</i> )                            | Cogent Diamond Hydride™         |
| Citric Acid (by ANP)                                                | Cogent Diamond Hydride™         |
| Clindamycin                                                         | Cogent Bidentate C8™            |
| Clonazepam                                                          | Cogent Biphenyl™                |
| Clopidogrel                                                         | Cogent Diamond Hydride™         |



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|------------------------------------------------------------|--------------------------------------|
| Clopidogrel Acid                                           | Cogent Diamond Hydride™              |
| Clopidogrel N-oxide                                        | Cogent Diamond Hydride™              |
| Codeine ( <i>LSD and Codeine</i> )                         | Cogent Bidentate C8 2.0™             |
| Codeine ( <i>and Hydrocodone</i> )                         | Cogent Bidentate C18 2.0™            |
| Codeine                                                    | Cogent Diol 2.0™                     |
| Coenzyme Q10                                               | Cogent Phenyl Hydride™ (RP)          |
| Cohumulone                                                 | Cogent Bidentate C18™                |
| Colupulone                                                 | Cogent Bidentate C18™                |
| Coricidin HBP Day                                          | Cogent Phenyl Hydride™ (RP)          |
| Coricidin HBP Night                                        | Cogent Phenyl Hydride 2.0™ (RP)      |
| Corticosterone                                             | Cogent Bidentate C18™                |
| Corticosterone ( <i>6 Corticosterones</i> )                | Cogent UDC-Cholesterol™              |
| Creatine ( <i>Creatine and Creatinine</i> )                | Cogent Diamond Hydride™              |
| Creatine ( <i>and isobaric metabolites</i> )               | Cogent Diamond Hydride™              |
| Creatinine                                                 | Cogent Diamond Hydride™              |
| Creatine                                                   | Cogent Diamond Hydride™              |
| Cyanidine-3-Hexoside                                       | Cogent Phenyl Hydride™               |
| Cyanidin-3-O-Glucoside                                     | Cogent Phenyl Hydride™               |
| Cyanocobalamine                                            | Cogent Diamond Hydride™              |
| Cyanoguanidine ( <i>plus Cyanoguanidine and Melamine</i> ) | Cogent Diamond Hydride™              |
| Cyanuric Acid                                              | HPLC, Cogent Diamond Hydride™        |
| Cyclobenzaprine ( <i>4um to 2.0 method transfer</i> )      | HPLC, Cogent Diamond Hydride 2.0™    |
| Cyclobenzaprine                                            | HPLC, Cogent Diamond Hydride™        |
| Cyclobenzaprine Hydrochloride                              | Cogent Cogent RP C18™                |
| Cystine                                                    | Cogent Diamond Hydride™              |
| Cytidine-R1                                                | Cogent UDC-Cholesterol™              |
| Cytidine-R2                                                | Cogent UDC-Cholesterol™              |
| Cytidine-R3                                                | Cogent UDC-Cholesterol™              |
| Cytochrome c                                               | Cogent Bidentate C8 300™ (RP)        |
| Dantrolene Sodium                                          | Cogent Bidentate C18 2.0™            |
| Decaf                                                      | Cogent Bidentate C18 2.0™            |
| Dehydroepiandrosterone                                     | Cogent Bidentate C8™                 |
| Delphinidin 3-glucoside                                    | Cogent Phenyl Hydride™               |
| Deoxycholic Acid                                           | Cogent Bidentate C18™, 4um, 100Å     |
| Deoxycholic Acid                                           | Cogent UDC-Cholesterol™, 4um, 100Å   |
| Desloratadine                                              | Cogent Hyper Similar C18™, 5um, 150Å |
| Dextromethorphan                                           | Cogent Phenyl Hydride 2.0™           |
| Dextromethorphan                                           | Cogent Phenyl Hydride™               |

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| DHEA                                                 | Cogent Bidentate C8™        |
| Diaminobenzidine                                     | Cogent Diamond Hydride™     |
| Diazepam (API)                                       | Cogent Bidentate C8™        |
| Diazepam (Benzodiazeprenes in urine ANP Mode)        | Cogent Diamond Hydride 2.o™ |
| Diazepam (Benzodiazeprenes in urine ANP and RP Mode) | Cogent Diol™                |
| Diazepam                                             | Cogent Biphenyl™            |
| Dicloxacillin and Ampicillin                         | Cogent Diamond Hydride™     |
| Diflucan                                             | Cogent Diamond Hydride™     |
| Dihydrocapsaicin                                     | Cogent Bidentate C18™       |
| Dihydroquinine                                       | Cogent Phenyl Hydride™ (RP) |
| Dimethylolpropionic Acid                             | Cogent Diamond Hydride™     |
| Diosmin                                              | Cogent Bidentate C18 2.o™   |
| Diosmin                                              | Cogent Phenyl Hydride™      |
| Diovan®                                              | Cogent Bidentate C18™       |
| Diphenhydramine                                      | Cogent Silica C™            |
| Diphenhydramine HCl                                  | Cogent Diamond Hydride™     |
| Dipyridamole                                         | Cogent Bidentate C18™       |
| Diquat                                               | Cogent Diamond Hydride 2.o™ |
| D,L - Asparagine                                     | Cogent Diamond Hydride™     |
| D,L - Ornithine                                      | Cogent Diamond Hydride™     |
| DMAP                                                 | Cogent Diamond Hydride™     |
| DOPAC                                                | Cogent Diamond Hydride™     |
| Docusate Sodium                                      | Cogent Bidentate C18™       |
| Domoic Acid                                          | Cogent Diamond Hydride™     |
| Domoic Acid (L-Asparagine and Ornithine)             | Cogent Diamond Hydride™     |
| Domoic Acid (Algae)                                  | Cogent Diamond Hydride™     |
| Domoic Acid (Seafood)                                | Cogent Diamond Hydride™     |
| Doxapram                                             | Cogent Diamond Hydride™     |
| Doxycycline (isocratic)                              | Cogent UDC-Cholesterol™     |
| Doxycycline                                          | Cogent UDC-Cholesterol™     |
| Doxycycline Epimer                                   | Cogent UDC-Cholesterol™     |
| Doxylamine                                           | Cogent Diamond Hydride™     |
| Drospirenone (multi-page)                            | Cogent Bidentate C18 2.o™   |
| Dyclonine Hydrochloride                              | Cogent Phenyl Hydride™      |
| Drospirenone                                         | Cogent Bidentate C18 2.o™   |
| EGCG                                                 | Cogent Zx Similar C18       |
| Echinenone                                           | Cogent C30™                 |



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|---------------------------------------------------------------------------------|---------------------------------------------|
| <a href="#">Ecstasy</a>                                                         | <a href="#">Cogent Phenyl Hydride™</a>      |
| <a href="#">EDTA</a>                                                            | <a href="#">Cogent HPS™ C8</a>              |
| <a href="#">EDTA, Column Equivalency</a>                                        | <a href="#">Cogent HPS™ C8</a>              |
| <a href="#">Elaidic Acid</a>                                                    | <a href="#">Cogent UDC-Cholesterol™</a>     |
| <a href="#">Ellagic Acid</a>                                                    | <a href="#">Cogent Phenyl Hydride™</a>      |
| <a href="#">Epigallocatechin Gallate</a>                                        | <a href="#">Cogent Zx Similar C18</a>       |
| <a href="#">Ethinylestradiol (multi-page)</a>                                   | <a href="#">Cogent Bidentate C18 2.0™</a>   |
| <a href="#">Ethinylestradiol (Extended Application)</a>                         | <a href="#">Cogent Bidentate C18 2.0™</a>   |
| <a href="#">Ethinylestradiol (Ocella Tablets)</a>                               | <a href="#">Cogent Bidentate C18 2.0™</a>   |
| <a href="#">Ethinylestradiol (Femhrt® tablet)</a>                               | <a href="#">Cogent Bidentate C8™</a>        |
| <a href="#">Ephedrine</a>                                                       | <a href="#">Cogent Bidentate C18™</a>       |
| <a href="#">Epicatechin (RP)</a>                                                | <a href="#">Cogent Bidentate C18™</a>       |
| <a href="#">Epinephrine</a>                                                     | <a href="#">Cogent Diamond Hydride™</a>     |
| <a href="#">Eriocitrin</a>                                                      | <a href="#">Cogent Bidentate C18 2.0™</a>   |
| <a href="#">Erythromycin</a>                                                    | <a href="#">Cogent Diamond Hydride™</a>     |
| <a href="#">Eriocitrin</a>                                                      | <a href="#">Cogent Phenyl Hydride™</a>      |
| <a href="#">Espresso</a>                                                        | <a href="#">Cogent Bidentate C18 2.0™</a>   |
| <a href="#">Estradiol</a>                                                       | <a href="#">Cogent UDC-Cholesterol™</a>     |
| <a href="#">Estradiol (Extended Application)</a>                                | <a href="#">Cogent Bidentate C18 2.0™</a>   |
| <a href="#">Estradiol (in Bi-Est)</a>                                           | <a href="#">Cogent Bidentate C18 2.0™</a>   |
| <a href="#">Estriol (Extended Application)</a>                                  | <a href="#">Cogent Bidentate C18 2.0™</a>   |
| <a href="#">Estriol (in Bi-Est)</a>                                             | <a href="#">Cogent Bidentate C18 2.0™</a>   |
| <a href="#">Estrone</a>                                                         | <a href="#">Cogent UDC-Cholesterol™</a>     |
| <a href="#">Ethanalamine</a>                                                    | <a href="#">Cogent Diamond Hydride™</a>     |
| <a href="#">ethyl-Benzene (Separation involving Selectivity, UDC versus C8)</a> | <a href="#">Cogent UDC-Cholesterol™</a>     |
| <a href="#">ethyl-Benzene (Separation involving Selectivity, C18 versus C8)</a> | <a href="#">Cogent Bidentate C8™</a>        |
| <a href="#">Ethyl Benzoate</a>                                                  | <a href="#">Cogent Bidentate C18 2.0™</a>   |
| <a href="#">Ethyl Glucuronide</a>                                               | <a href="#">Cogent UDA™</a>                 |
| <a href="#">Etodolac</a>                                                        | <a href="#">Cogent Bidentate C18™</a>       |
| <a href="#">Famotidine</a>                                                      | <a href="#">Cogent Diamond Hydride™</a>     |
| <a href="#">Felodipine</a>                                                      | <a href="#">Cogent RP C18™</a>              |
| <a href="#">Femhrt® (Extended Application)</a>                                  | <a href="#">Cogent Bidentate C18 2.0™</a>   |
| <a href="#">Fenfluramine</a>                                                    | <a href="#">Cogent Diamond Hydride™</a>     |
| <a href="#">ferulic acid (Phenolic Compounds in rice)</a>                       | <a href="#">Cogent Phenyl Hydride™</a>      |
| <a href="#">ferulic acid (10 Phenolic Compounds in rice)</a>                    | <a href="#">Cogent Phenyl Hydride™</a>      |
| <a href="#">ferulic acid</a>                                                    | <a href="#">Cogent Phenyl Hydride™</a>      |
| <a href="#">Fexofenadine</a>                                                    | <a href="#">Cogent Phenyl Hydride™ (RP)</a> |

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|------------------------------------------------------|-----------------------------|
| Filmet®                                              | Cogent Diamond Hydride™     |
| Fipronil                                             | Cogent Phenyl Hydride™ (RP) |
| Flagyl®                                              | Cogent Diamond Hydride™     |
| Flecainide Acetate USP                               | Cogent RP C18™, 5um, 100Å   |
| Fluconazole                                          | Cogent Diamond Hydride™     |
| Flunitrazepam                                        | Cogent Biphenyl™            |
| Fluorene                                             | Cogent Bidentate C18™       |
| Fluorouracil                                         | Cogent RP C18™, 5um, 100Å   |
| Fluoxetine (RP and ANP- Orthogonal Methods)          | Cogent Phenyl Hydride™ (RP) |
| Fluoxetine                                           | Cogent Amide™               |
| Fluphenazine HCl                                     | Cogent RP C8™, 5um, 150Å    |
| Fluvoxamine Maleate (USP Similar Assay)              | Cogent RP C8™               |
| Folic Acid                                           | Cogent Diamond Hydride™     |
| Folic Acid (Extended Application Note)               | Cogent Diamond Hydride™     |
| Folic Acid (by ANP)                                  | Cogent Diamond Hydride™     |
| Folic Acid (by ANP)                                  | Cogent Diol™                |
| Fructose                                             | Cogent Amide™               |
| Fumaric Acid                                         | Cogent Diamond Hydride™     |
| Fumaric Acid (by ANP)                                | Cogent Diamond Hydride™     |
| Fumaric Acid (Isobaric)                              | Cogent Diamond Hydride™     |
| Furazolidone (and Nitrofurantoin)                    | Cogent Bidentate C8™        |
| Furazolidone - HPLC                                  | Cogent Bidentate C18™       |
| Furosemide USP                                       | Cogent Bidentate C18™       |
| Gabapentin                                           | Cogent Diamond Hydride™     |
| Galactose (Milk Extract)                             | Cogent Diamond Hydride™     |
| Galactose (and Sucrose)                              | Cogent Amide™               |
| Galactose (and Maltose)                              | Cogent Amide™               |
| Galactose-1-phosphate                                | Cogent Diamond Hydride™     |
| Gallic Acid (RP)                                     | Cogent Bidentate C18™       |
| Gallic acid (5 Phenolic compounds in Rice Extracts)  | Cogent Phenyl Hydride™      |
| Gallic acid (10 Phenolic compounds in Rice Extracts) | Cogent Phenyl Hydride™      |
| Gallic Acid                                          | Cogent Phenyl Hydride™      |
| Gemcitabine                                          | Cogent RP C8™, 5um, 150Å    |
| Gentian Violet                                       | Cogent Cyano™ (RP)          |
| Glimepiride                                          | Cogent Bidentate C18™       |
| Glipizide                                            | Cogent Bidentate C18™       |
| Glucose (and other small molecules)                  | Cogent Diamond Hydride™     |
| Glucose (in soda)                                    | Cogent Amide™               |

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|-----------------------------------------------------------------|-------------------------------|
| Glucose ( <i>column mapping</i> )                               | Cogent Diamond Hydride™       |
| Glucose, ADP                                                    | Cogent Diamond Hydride™       |
| Glucose, CDP                                                    | Cogent Diamond Hydride™       |
| Glucose, Na Adducts                                             | Cogent Diamond Hydride™       |
| Glucotrol                                                       | Cogent Diamond Hydride™       |
| Glucose                                                         | Cogent Diamond Hydride™       |
| glucose-6-phosphate                                             | Cogent Diamond Hydride™       |
| Glufosinate ( <i>Extended Application Note</i> )                | Cogent Diamond Hydride 2.0™   |
| Glufosinate                                                     | Cogent Diamond Hydride 2.0™   |
| Glufosinate propanoic acid ( <i>Extended Application Note</i> ) | Cogent Diamond Hydride 2.0™   |
| Glufosinate propanoic acid                                      | Cogent Diamond Hydride 2.0™   |
| Glutamic Acid                                                   | Cogent Diamond Hydride™       |
| Glutamic Acid (L)                                               | Cogent Diamond Hydride™       |
| Glutaric Acid                                                   | Cogent Diamond Hydride™       |
| Glutamine (Milk Extract)                                        | Cogent Diamond Hydride™       |
| Glutamine (D,L)                                                 | Cogent Diamond Hydride™       |
| Glutathione                                                     | Cogent Diamond Hydride 2.0™   |
| Glyburide                                                       | Cogent Bidentate C18™, Qx2™   |
| Glycine-Tyrosine                                                | Cogent Bidentate C8 300™ (RP) |
| Glycine                                                         | Cogent Diamond Hydride™       |
| Glycolic Acid                                                   | Cogent Diamond Hydride™       |
| Glyphosate                                                      | Cogent Diamond Hydride™       |
| GRL-0617                                                        | Cogent RP Phenyl Hexyl™       |
| Guaifenesin ( <i>Guaifenesin than Ephedrine</i> )               | Cogent Bidentate C18™         |
| Guaifenesin                                                     | Cogent Phenyl Hydride™        |
| Guanfacine HCl                                                  | Cogent Bidentate C8™          |
| Guanine                                                         | Cogent Diamond Hydride™       |
| Guanidine                                                       | Cogent Diamond Hydride™       |
| Guanosine-5'-triphosphate                                       | Cogent Diamond Hydride™       |
| Guanosine-5'-triphosphate                                       | Cogent UDA™                   |
| GTP                                                             | Cogent UDA™                   |
| H-Arg-Gly-Asp-OH                                                | Cogent Diamond Hydride™       |
| H-Gly-Arg-Ala-Asp-Ser-Pro-Lys-OH                                | Cogent Diamond Hydride™       |
| H-Lys-Gln-Ala-Gly-Asp-Val-OH                                    | Cogent Diamond Hydride™       |
| H-Trp-His-Trp-Leu-Gln-Leu-OH                                    | Cogent Diamond Hydride™       |
| H-Tyr-Gly-Gly-Phe-Leu-OH                                        | Cogent Diamond Hydride™       |
| H-Tyr-Ile-Gly-Ser-Arg-OH                                        | Cogent Diamond Hydride™       |

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|----------------------------------------------------------|-------------------------------------------------|
| <a href="#">H-Tyr-Tyr-Tyr-Tyr-Tyr-Tyr-OH</a>             | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">HCT</a>                                      | <a href="#">Cogent Bidentate C18™</a>           |
| <a href="#">Herbicides</a>                               | <a href="#">Cogent Diamond Hydride 2.0™</a>     |
| <a href="#">Hesperidin</a>                               | <a href="#">Cogent Bidentate C18 2.0™</a>       |
| <a href="#">Hesperidin (three glycosidic flavonoids)</a> | <a href="#">Cogent Phenyl Hydride™</a>          |
| <a href="#">Hexanolamine - UDP</a>                       | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Hexanolamine - UDP</a>                       | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">HIAA</a>                                     | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Histamine (LCMS)</a>                         | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Histamine (and Methylhistamine (MHA))</a>    | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Histamine (Red Wine with IPA)</a>            | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Histamine (Cheese)</a>                       | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Histamine</a>                                | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Histamine (Extended Application Note)</a>    | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Histidine</a>                                | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Histidine (ANP)</a>                          | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Homatropine</a>                              | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Hops</a>                                     | <a href="#">Cogent Bidentate C18™</a>           |
| <a href="#">Horse Heart Cytochrome c</a>                 | <a href="#">Cogent Bidentate C8 300™ (RP)</a>   |
| <a href="#">Humulone</a>                                 | <a href="#">Cogent Bidentate C18™</a>           |
| <a href="#">Hydrochlorothiazide</a>                      | <a href="#">Cogent Bidentate C18™</a>           |
| <a href="#">Hydrocodone (with Acetaminophen)</a>         | <a href="#">Cogent Phenyl Hydride™ (RP)</a>     |
| <a href="#">Hydrocodone</a>                              | <a href="#">Cogent Bidentate C18 2.0™</a>       |
| <a href="#">Hydrocortisone USP Assay</a>                 | <a href="#">Cogent MicroBee C18™, 5um, 125Å</a> |
| <a href="#">Hydromorphone (LCMS)</a>                     | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Hydromorphone (Isobaric Opioids)</a>         | <a href="#">Cogent Bidentate C18 2.0™</a>       |
| <a href="#">Hydromorphone</a>                            | <a href="#">Cogent Bidentate C18 2.0™</a>       |
| <a href="#">Hydroxy-3-Indole Acetic Acid</a>             | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Hydroxybupropion</a>                         | <a href="#">Cogent Diol 2.0™</a>                |
| <a href="#">Hydroxychloroquine Sulfate</a>               | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Hydroxycinnamic Acid</a>                     | <a href="#">Cogent Phenyl Hydride™</a>          |
| <a href="#">Hydroxyproline</a>                           | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Hydroxytryptamine</a>                        | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Hydroxytryptophan</a>                        | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Hydroxytyrosol</a>                           | <a href="#">Cogent Phenyl Hydride™ (RP)</a>     |
| <a href="#">Hypoxanthine</a>                             | <a href="#">Cogent Diamond Hydride™</a>         |
| <a href="#">Ibuprofen</a>                                | <a href="#">Cogent Bidentate C18™</a>           |

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|-------------------------------------------------------------------------|-----------------------------|
| IDP                                                                     | Cogent UDA™                 |
| Ifosfamide                                                              | Cogent RP C18™, 5µm, 100Å   |
| Imitrex                                                                 | Cogent Diamond Hydride 2.0™ |
| IMP                                                                     | Cogent UDA™                 |
| Indole-3-Butyric Acid                                                   | Cogent Phenyl Hydride™      |
| Indomethacin                                                            | Cogent Bidentate C18 2.0™   |
| Inosine 5'-diphosphate                                                  | Cogent UDA™                 |
| Inosine 5'-monophosphate                                                | Cogent UDA™                 |
| Inosine 5'-triphosphate                                                 | Cogent UDA™                 |
| Isoleucine                                                              | Cogent Diamond Hydride™     |
| Isoleucine                                                              | Cogent Diamond Hydride™     |
| Isopromethazine                                                         | Cogent UDC-Cholesterol™     |
| Isopropyl Benzene <i>(Column comparison with Cogent Bidentate C18™)</i> | Cogent UDC-Cholesterol™     |
| Isopropyl Benzene                                                       | Cogent Bidentate C8™        |
| Isotretinoin                                                            | Cogent Bidentate C18™       |
| ITP                                                                     | Cogent UDA™                 |
| Ivermectin                                                              | Cogent Phenyl Hydride™      |
| Ketoconazole                                                            | Cogent Diamond Hydride™     |
| Ketorolac                                                               | Cogent Phenyl Hydride™ (RP) |
| Ketotifen                                                               | Cogent Silica-C™            |
| L-Arginine (Extended Application)                                       | Cogent Diamond Hydride™     |
| L-Asparagine                                                            | Cogent Diamond Hydride™     |
| L-Aspartic Acid                                                         | Cogent Diamond Hydride™     |
| L-Glutamic Acid                                                         | Cogent Diamond Hydride™     |
| L-Histidine (Algae)                                                     | Cogent Diamond Hydride™     |
| L-Leucine (Algae)                                                       | Cogent Diamond Hydride™     |
| L-Methionine                                                            | Cogent Diamond Hydride™     |
| L-Theanine                                                              | Cogent Diamond Hydride 2.0™ |
| L-Tryptophan (Algae)                                                    | Cogent Diamond Hydride™     |
| Lactodifucotetraose                                                     | Cogent UDC-Cholesterol™     |
| Lacto-N-neotetraose (Milk Extract)                                      | Cogent Diamond Hydride™     |
| Lactose (Milk Extract)                                                  | Cogent Diamond Hydride™     |
| Lamotrigine                                                             | Cogent Bidentate C18™       |
| Lansoprazole                                                            | Cogent Bidentate C18™       |
| Lasix™                                                                  | Cogent Bidentate C18™       |
| Leucine                                                                 | Cogent Diamond Hydride™     |
| Leucine <i>(Acetonitrile in LCMS Method)</i>                            | Cogent Diamond Hydride™     |

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| Leucine enkephalin                   | Cogent Bidentate C8 300™ (RP) |
| Levitra                              | Cogent UDA™                   |
| Levothyroxine                        | Cogent Phenyl Hydride™ (RP)   |
| Lidocaine                            | Cogent Diamond Hydride™       |
| Limonin (Extended Application Note)  | Cogent Bidentate C18™         |
| Limonin                              | Cogent Bidentate C18™         |
| Limonin (in orange juice)            | Cogent UDC-Cholesterol™       |
| Limonin (LCMS)                       | Cogent Bidentate C18™         |
| Lipitor™                             | Cogent Bidentate C18™         |
| Lipitor™                             | Cogent Bidentate C18 2.0™     |
| Lisinopril                           | Cogent Diamond Hydride™       |
| Loratadine                           | Cogent Bidentate C18™         |
| Loratadine – Normal Phase            | Cogent Bidentate C18™         |
| Lorazepam                            | Cogent Biphenyl™              |
| LSD                                  | Cogent Bidentate C8 2.0™      |
| Lupulone                             | Cogent Bidentate C18™         |
| Lusonal®                             | Cogent Diamond Hydride™       |
| Lutein                               | Cogent C30™                   |
| Luteolin-7-O-glucoside               | Cogent Phenyl Hydride™ (ANP)  |
| Luteolin-7-O-glucoside               | Cogent Phenyl Hydride™ (RP)   |
| Lysergic acid diethylamide           | Cogent Bidentate C8 2.0™      |
| Lysine                               | Cogent Diamond Hydride™       |
| Lysine (ANP)                         | Cogent Diamond Hydride™       |
| Lysine (ANP)                         | Cogent Diamond Hydride™       |
| Maleic Acid                          | Cogent Diamond Hydride™       |
| Maleic Acid (by ANP)                 | Cogent Diamond Hydride™       |
| Maleic Acid (by ANP)                 | Cogent Diamond Hydride™       |
| Maleic Acid (Isobaric)               | Cogent Diamond Hydride™       |
| Malvidin Dihexoside                  | Cogent Phenyl Hydride™        |
| Mannitol                             | Cogent Diamond Hydride™       |
| MDMA                                 | Cogent Phenyl Hydride™        |
| Medroxyprogesterone                  | Cogent MicroBee C18™          |
| Melamine (and Cyanuric acid)         | Cogent Diamond Hydride™       |
| Melamine                             | Cogent Diamond Hydride™       |
| Melamine (Impurities from Metformin) | Cogent Diamond Hydride™       |
| Meloxicam                            | Cogent UDC-Cholesterol™       |
| Memantine Hydrochloride              | Cogent Diamond Hydride™       |

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|--------------------------------------------|-------------------------------|
| Mepiquat                                   | Cogent Diamond Hydride™       |
| Meprobamate                                | Cogent Bidentate C18™         |
| Mepyramine (Compound-Dependent)            | RSA™ Glass Vials              |
| Met-Enkephalin                             | Cogent Diamond Hydride™       |
| Metaldehyde                                | Cogent Bidentate C18 2.0™     |
| Metformin (and Glyburide)                  | Cogent Bidentate C18™, Qx2™   |
| Metformin (Melamine and Cyanoguanidine)    | Cogent Diamond Hydride™       |
| Metformin                                  | Cogent Diamond Hydride™       |
| Metformin (and other polar solutes)        | Cogent Diol™                  |
| Methacycline (isocratic)                   | Cogent UDC-Cholesterol™       |
| Methacycline                               | Cogent UDC-Cholesterol™       |
| Methionine                                 | Cogent Diamond Hydride™       |
| Methionine enkephalin                      | Cogent Bidentate C8 300™ (RP) |
| Methionine (L)                             | Cogent Diamond Hydride™       |
| Methotrexate (Extended Application Note)   | Cogent Bidentate C18™         |
| Methotrexate                               | Cogent Bidentate C18™         |
| Methyl Benzoate                            | Cogent Bidentate C18 2.0™     |
| Methyl paraben                             | Cogent Bidentate C8™          |
| Methyl paraben                             | Cogent Bidentate C18™         |
| Methylhistamine                            | Cogent Diamond Hydride™       |
| Methylsuccinic Acid                        | Cogent Diamond Hydride™       |
| Methyltyramine                             | Cogent Diamond Hydride™       |
| Metoprolol Tartrate                        | Cogent Diamond Hydride™       |
| Metronidazole                              | Cogent Diamond Hydride™       |
| Midazolam (1,4-Benzodiazepines from Urine) | Cogent Diamond Hydride 2.0™   |
| Midazolam (RP and ANP Modes)               | Cogent Diol™                  |
| Molnupiravir (ANP Mode)                    | Cogent Diamond Hydride™       |
| Molnupiravir and Favipiravir (RP Mode)     | Cogent RP C18™                |
| Mometasone                                 | Cogent Bidentate C8 2.0™      |
| Mometasone furoate                         | Cogent Bidentate C8 2.0™      |
| Morphine Sulfate                           | Cogent Diamond Hydride™       |
| Morphine Sulfate (2.0)                     | Cogent Diamond Hydride 2.0™   |
| Morphine                                   | Cogent Bidentate C18 2.0™     |
| Morphine                                   | Cogent Bidentate C18 2.0™     |
| Moxifloxacin Hydrochloride                 | Cogent Diamond Hydride™       |
| Mycotoxins                                 | Cogent Bidentate C18™         |
| Myricetin                                  | Cogent Phenyl Hydride™        |



[N-acetylglufosinate \(Extended Application Note\)](#)

[N-Acetylglufosinate](#)

[NAD](#)

[NADP](#)

[NAD – phosphate \(NADP\)](#)

[Naphthalene](#)

[Naringin](#)

[Naringin](#) (*and other glycosidic flavonoids*)

[Neomycin](#)

[Niacin](#)

[N-Desmethyl promethazine derivate](#)

[Niacinamide](#)

[Nitenpyram](#)

[Nitrofurantoin](#)

[Nitrazepam](#)

[Nitroaromatics](#) (*Seven Nitrosamine Explosives*)

[N-Methyltyramine](#)

[nonylphenol](#)

[Nordiazepam](#) (*2.0*)

[Nordiazepam](#)

[Norethisterone acetate \(Extended Application\)](#)

[Norethisterone acetate](#)

[Nucleosides](#)

[Nucleotides, \*\*Purine\*\*](#)

[Nucleotide Bases](#)

[Nucleotides \(by ANP\)](#)

[Nucleotides \(Proprietary\)](#)

[Ocella \(multi-page\)](#)

[Ocella](#)

[Octinoxate](#)

[Octreotide](#)

[Oleic Acid](#)

[Oleuropein](#)

[Oleuropein](#) (*Commercial Olive leaves extract* )

[Oleuropein \(UV\)](#)

[Olive Leaves Extract](#)

[Olive Leaves Extract](#)

[Cogent Diamond Hydride 2.0™](#)

[Cogent Diamond Hydride 2.0™](#)

[Cogent UDA™](#)

[Cogent UDA™](#)

[Cogent UDA™](#)

[Cogent Bidentate C18™](#)

[Cogent Bidentate C18 2.0™](#)

[Cogent Phenyl Hydride™](#)

[HPLC, Cogent Diamond Hydride™](#)

[Cogent Diol™](#)

[Cogent UDC-Cholesterol™](#)

[Cogent Diamond Hydride™](#)

[Cogent Diamond Hydride™](#)

[Cogent Bidentate C8™](#)

[Cogent Biphenyl™](#)

[Cogent Phenyl Hydride™](#)

[Cogent Diamond Hydride™](#)

[Cogent Diamond Hydride™](#)

[Cogent Diamond Hydride 2.0™](#)

[Cogent Diol™](#)

[Cogent Bidentate C8™](#)

[HPLC, Cogent Bidentate C8™](#)

[HPLC, Cogent UDC-Cholesterol™](#)

[HPLC, Cogent Diamond Hydride™](#)

[HPLC, Cogent Diamond Hydride™](#)

[HPLC, Cogent Diamond Hydride™](#)

[HPLC, Cogent Diamond Hydride™](#)

[HPLC, Cogent Bidentate C18 2.0™](#)

[HPLC, Cogent Bidentate C18 2.0™](#)

[HPLC, Cogent Bidentate C18™](#)

[HPLC, Cogent Diamond Hydride™](#)

[HPLC, Cogent UDC-Cholesterol™](#)

[HPLC, Cogent Bidentate C18 2.0™](#)

[HPLC, Cogent Phenyl Hydride™](#)

[HPLC, Cogent Bidentate C18 2.0™](#)

[HPLC, Cogent Bidentate C18 2.0™](#)

[HPLC, Cogent Phenyl Hydride™](#)

|                                                         |                                 |
|---------------------------------------------------------|---------------------------------|
| Olive Leaves Extract (UV)                               | HPLC, Cogent Bidentate C18 2.0™ |
| Organic Acids                                           | HPLC, Cogent Diamond Hydride™   |
| Organic Acids (by ANP)                                  | HPLC, Cogent Diamond Hydride™   |
| Ornithine                                               | HPLC, Cogent Diamond Hydride™   |
| Oxaloactic Acid                                         | HPLC, Cogent Diamond Hydride™   |
| Oxazepam                                                | Cogent Biphenyl                 |
| Loratadine (2)                                          | Cogent Bidentate C18™           |
| Oxybenzone                                              | Cogent Bidentate C18™           |
| Oxaloacetic Acid                                        | Cogent Diamond Hydride™         |
| Oxymetazoline                                           | Cogent Diamond Hydride™         |
| Oxytetracycline                                         | Cogent Diamond Hydride™         |
| p-coumaric acid (5 Phenolic compoundsin Rice Extracts)  | Cogent Phenyl Hydride™          |
| p-coumaric acid (10 Phenolic compoundsin Rice Extracts) | Cogent Phenyl Hydride™          |
| p-coumaric acid                                         | Cogent Phenyl Hydride™          |
| Paracetamol                                             | Cogent Bidentate C18™           |
| Paraquat                                                | Cogent Diamond Hydride 2.0™     |
| Pentobarbital (in urine)                                | Cogent Bidentate C18™           |
| Peonidin-3-Glucoside                                    | Cogent Phenyl Hydride™          |
| Peptide Mapping                                         | Cogent HPS™ C18                 |
| Peptides                                                | Cogent Bidentate C8 300™ (RP)   |
| Pepto-Bismol                                            | HPLC, Cogent Bidentate C18 2.0™ |
| Phenanthrene                                            | HPLC, Cogent Bidentate C18™     |
| Pheniramine                                             | HPLC, Cogent Bidentate C8™      |
| Phenobarbital (in urine)                                | HPLC, Cogent Bidentate C18™     |
| Phenol                                                  | HPLC, Cogent Bidentate C18™     |
| Phenol (Compound-Dependent)                             | RSA™ Glass Vials                |
| Phenolic Compounds                                      | HPLC, Cogent Silica-C™          |
| Phenothiazine                                           | HPLC, Cogent UDC-Cholesterol™   |
| Phentermine                                             | HPLC, Cogent Diamond Hydride™   |
| Phenylalanine                                           | HPLC, Cogent Silica-C™          |
| Phenylalanine (using Acetone as organic solvent)        | HPLC, Cogent Diamond Hydride™   |
| Phenyl Benzoate                                         | HPLC, Cogent Bidentate C18 2.0™ |
| Phenylephrine                                           | HPLC, Cogent Diamond Hydride™   |
| Phenylglycine (Comparison with UDC-Cholesterol™)        | HPLC, Cogent Silica-C™          |
| Phenylglycine                                           | HPLC, Cogent Silica-C™          |
| Phospholipids                                           | HPLC, Cogent Diamond Hydride™   |
| Phytonadione Isomers                                    | HPLC, Cogent UDC-Cholesterol™   |

[Plavix](#) *(Separation of API from Degradants)*

[Plavix](#)

[Polar & NonPolar](#)

[Polyphenols \(RP\)](#)

[Prednisone](#)

[Prednisone](#)

[Prevacid®](#)

[Progesterone](#) *(Extended Application)*

[Progesterone](#) *(in Bi-Est)*

[Proline](#)

[Proline, trans-4-Hydroxy-L](#)

[Promethazine](#)

[Promethazine sulfoxide](#)

[Propantheline Bromide](#)

[Propantheline Bromide](#)

[Propranolol](#)

[Propyl paraben](#)

[Protocatechuic Acid](#)

[Prozac®](#)

[Pyridoxine](#)

[Pyridoxine](#)

[Purine Nucleotides \(ANP\)](#)

[Pyridine](#) *(Compound-Dependent)*

[Pyridoxine](#) *(pH Gradient to Separate Vitamins)*

[Pyridoxine](#) *(and 5-Hydroxytryptophan)*

[Pyridoxine](#) *(and Riboflavin)*

[Pyrilamine Maleate](#)

[Pyrilamine Maleate](#)

[Quercetin](#) *(Brazilian tree bark extract)*

[Quercetin](#) *(Phenolic Compounds from fruit)*

[Quinine](#)

[Quinolinedione-R1](#)

[Quinolinedione-R2](#)

[Ranitidine](#)

[Regular Coffee](#)

[Remdesivir and GS-441524](#)

[Resveratrol](#)

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Bidentate C18™

HPLC, Cogent Bidentate C18™

HPLC, Cogent Bidentate C18™

HPLC, Cogent Bidentate C8™

HPLC, Cogent Bidentate C18™

HPLC, Cogent Bidentate C18 2.0™

HPLC, Cogent Bidentate C18 2.0™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent UDC-Cholesterol™

HPLC, Cogent UDC-Cholesterol™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Phenyl Hydride™ (RP)

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Bidentate C8™

HPLC, Cogent Phenyl Hydride™

HPLC, Cogent Phenyl Hydride™ (RP)

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Diol™

HPLC, Cogent Diamond Hydride™

RSA™ Glass Vials

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Amide™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Phenyl Hydride™

HPLC, Cogent Phenyl Hydride™ (RP)

HPLC, Cogent UDC-Cholesterol™

HPLC, Cogent UDC-Cholesterol™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Bidentate C18 2.0™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Bidentate C18™

|                                                                |                                   |
|----------------------------------------------------------------|-----------------------------------|
| Resveratrol                                                    | HPLC, Cogent Bidentate C18 2.0™   |
| Riboflavin ( <i>pH Gradient to Separate Vitamins</i> )         | HPLC, Cogent Diamond Hydride™     |
| Riboflavin ( <i>and Pyridoxin</i> )                            | Cogent Diamond Hydride™           |
| Riboflavin                                                     | Cogent Diol™                      |
| Ribose                                                         | Cogent Amide™                     |
| Rice Extract ( <i>with Vanillic Acid and Feruloylsucrose</i> ) | Cogent Phenyl Hydride™            |
| Rice Extract                                                   | Cogent Phenyl Hydride™            |
| Ritonavir                                                      | Cogent Phenyl Hydride™            |
| Rutin ( <i>Brazilian tree bark extract</i> )                   | Cogent Diamond Hydride™           |
| Rutin                                                          | Cogent Phenyl Hydride™            |
| Saccharine                                                     | Cogent UDC-Cholesterol™           |
| Salbutamol                                                     | Cogent Diamond Hydride™           |
| Salicylic Acid ( <i>in Pepto-Bismol</i> )                      | Cogent Bidentate C18 2.0™         |
| Salicylic Acid ( <i>from aspirin</i> )                         | Cogent Bidentate C18™             |
| Salicylic Acid ( <i>Paracetamol</i> )                          | Cogent Bidentate C18™             |
| Sarcosine                                                      | Cogent Diamond Hydride™           |
| Secobarbital ( <i>in urine</i> )                               | Cogent Bidentate C18™             |
| Selenious acid                                                 | Cogent Diamond Hydride™           |
| Serine                                                         | Cogent Diamond Hydride™           |
| Serotonin                                                      | Cogent Diamond Hydride™           |
| Sertraline                                                     | Cogent Diamond Hydride™           |
| Shikimic Acid ( <i>standard</i> )                              | Cogent Diamond Hydride™           |
| Shikimic Acid ( <i>in red wine</i> )                           | Cogent Diamond Hydride™           |
| Simvastatin                                                    | Cogent Bidentate C18™             |
| Sitagliptin phosphate USP assay                                | Cogent NP Cyano™                  |
| Sorbic Acid                                                    | Cogent Diamond Hydride™           |
| Sorbitol                                                       | Cogent Diamond Hydride™           |
| Spironolactone                                                 | Cogent RP C18™                    |
| Streptomycin                                                   | Cogent Diamond Hydride™           |
| Succinic Acid                                                  | Cogent Diamond Hydride™           |
| Sucralose                                                      | HPLC, Cogent Bidentate C18™       |
| Sucrose                                                        | HPLC, Cogent Amide™               |
| sucrose-6-phosphate                                            | HPLC, Cogent Diamond Hydride™     |
| Sugar Nucleotides (ANP)                                        | HPLC, Cogent Diamond Hydride™     |
| Sulfisoxazole acetyl                                           | HPLC, Cogent Bidentate C8™        |
| Sulfonamide Antibiotics                                        | HPLC, Cogent RP Phenyl Hexyl™     |
| Sumatriptan                                                    | HPLC, Cogent Diamond Hydride 2.0™ |
| Synephrine                                                     | HPLC, Cogent Diamond Hydride™     |

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Syringic acid                   | HPLC, Cogent Phenyl Hydride™      |
| Tapentadol                      | HPLC, Cogent Diamond Hydride™     |
| Taurine (LC-MS)                 | HPLC, Cogent Diamond Hydride™     |
| Taurine (Refractive Index)      | HPLC, Cogent Diamond Hydride™     |
| Taurine (Red Bull)              | HPLC, Cogent Diamond Hydride™     |
| Tartaric Acid                   | HPLC, Cogent Diamond Hydride™     |
| Tazobactam USP Assay            | HPLC, Cogent Hyper Similar C18™   |
| Temazepam (1,4-Benzodiazepines) | HPLC, Cogent Diamond Hydride 2.0™ |
| Temazepam (RP and ANP)          | HPLC, Cogent Diol™                |
| Temazepam                       | Cogent Biphenyl™                  |
| Terbutaline                     | HPLC, Cogent Diamond Hydride™     |
| tert-butyl Benzene              | HPLC, Cogent UDC-Cholesterol™     |
| tert-butyl Benzene              | HPLC, Cogent Bidentate C8™        |
| Tetracycline (USP)              | HPLC, Cogent RP C18 PE™           |
| Tetracycline                    | HPLC, Cogent Bidentate C18™       |
| THC                             | HPLC, Cogent Amide™               |
| THC metabolite                  | HPLC, Cogent Phenyl Hydride™      |
| Theanine                        | HPLC, Cogent Diamond Hydride 2.0™ |
| Thiamine                        | HPLC, Cogent Diamond Hydride™     |
| Thiamine (and polar solutes)    | HPLC, Cogent Diol™                |
| Thiamine (Compound-Dependent)   | RSA™ Glass Vials                  |
| Thioguanine (6-TG)              | HPLC, Cogent Diamond Hydride™     |
| Threonine                       | HPLC, Cogent Diamond Hydride™     |
| Thymine                         | HPLC, Cogent Diamond Hydride™     |
| Ticagrelor                      | HPLC, Cogent Phenyl Hydride™      |
| Tizanidine                      | HPLC, Cogent Diamond Hydride 2.0™ |
| Tizanidine                      | HPLC, Cogent Diamond Hydride™     |
| Tizanidine (tablet)             | HPLC, Cogent Amide™               |
| Tobramycin                      | HPLC, Cogent Diamond Hydride™     |
| Tramadol                        | HPLC, Cogent Diamond Hydride™     |
| Tramadol                        | HPLC, Cogent Bidentate C8™        |
| trans β-Carotene                | HPLC, Cogent C30™                 |
| trans-4-Hydroxy-L-Proline       | HPLC, Cogent Diamond Hydride™     |
| Trans-Aconitic Acid             | HPLC, Cogent Diamond Hydride™     |
| Trans-Resveratrol               | HPLC, Cogent Bidentate C18™       |
| Tree bark                       | HPLC, Cogent Diamond Hydride™     |
| Trehalose-6-phosphate           | HPLC, Cogent Diamond Hydride™     |

|                                              |                                     |
|----------------------------------------------|-------------------------------------|
| Triamterene                                  | HPLC, Cogent Diamond Hydride™       |
| Triamterene (2.0)                            | HPLC, Cogent Diamond Hydride 2.0™   |
| Trimethobenzamide                            | HPLC, Cogent Diamond Hydride™       |
| Trimethylamine N-oxide                       | HPLC, Cogent UDC-Cholesterol™       |
| Triphenylamine                               | HPLC, Cogent Bidentate C18 2.0™     |
| Triton X-100                                 | HPLC, Cogent Bidentate C18™         |
| Triton X-100 (Gradient)                      | HPLC, Cogent Bidentate C8™          |
| Tropa-Alkaloid                               | HPLC, Cogent Bidentate C18™         |
| Tropicamide                                  | HPLC, Cogent Diamond Hydride™       |
| Tryisine                                     | HPLC, Cogent Bidentate C8 300™ (RP) |
| Tryptamine                                   | HPLC, Cogent Diamond Hydride™       |
| Tryptamine Hydrochloride                     | HPLC, Cogent Diamond Hydride™       |
| Tyrosine                                     | HPLC, Cogent Diamond Hydride™       |
| Tyrosol                                      | HPLC, Cogent Phenyl Hydride™        |
| UDP - Galactose                              | HPLC, Cogent Diamond Hydride™       |
| UDP - Glucose                                | HPLC, Cogent Diamond Hydride™       |
| UDP - Hexanolamine                           | HPLC, Cogent Diamond Hydride™       |
| Uracil                                       | HPLC, Cogent Bidentate C18™         |
| Uracil                                       | HPLC, Cogent Diamond Hydride™       |
| Urea                                         | HPLC, Cogent Diamond Hydride™       |
| Urea                                         | HPLC, Cogent UDC-Cholesterol™       |
| Urea (Milk Extract)                          | HPLC, Cogent Diamond Hydride™       |
| Urea (RP)                                    | HPLC, Cogent Bidentate C8 300™ (RP) |
| Uric Acid                                    | HPLC, Cogent Diamond Hydride™       |
| Uric acid                                    | HPLC, Cogent Diol™                  |
| Uridine 5'-diphosphate (Galactose)           | HPLC, Cogent Diamond Hydride™       |
| Uridine 5'-diphosphate (Glucose)             | HPLC, Cogent Diamond Hydride™       |
| Uridine 5'-diphosphate (Glucose)             | HPLC, Cogent Diamond Hydride™       |
| Uridine 5'-diphosphate (UDP)                 | HPLC, Cogent Diamond Hydride™       |
| Valine (Acetone as organic solvent)          | HPLC, Cogent Diamond Hydride™       |
| Valine (Method transfer from UV to MS)       | HPLC, Cogent Diamond Hydride™       |
| Valaciclovir (UV)                            | HPLC, Cogent Diamond Hydride™       |
| Valaciclovir (Method transfer from UV to MS) | HPLC, Cogent Diamond Hydride™       |
| Valsartan                                    | HPLC, Cogent Bidentate C18™         |
| Valtrex                                      | HPLC, Cogent Diamond Hydride™       |
| Vancomycin                                   | HPLC, Cogent Diamond Hydride™       |
| Vancomycin (2.0)                             | HPLC, Cogent Diamond Hydride 2.0™   |

Vanillic acid (*and Feruloylsucrose*)

Vanillic acid (*10 Phenolic acids*)

Vanillic acid (*10 Phenolic acids*)

Vardenafil

Venlafaxine

Verbascoside

Vitamin B

Vitamin K1

Warfarin

Warfarin

Xanax

Xanax (*2.0*)

Xanthine

Xanthosine-5'-monophosphate

Zeaxanthin

Zeaxanthin

HPLC, Cogent Phenyl Hydride™

HPLC, Cogent Phenyl Hydride™

HPLC, Cogent Phenyl Hydride™

HPLC, Cogent UDA™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Phenyl Hydride™ (RP)

HPLC, Cogent Diamond Hydride™

HPLC, Cogent UDC-Cholesterol™

HPLC, Cogent Bidentate C18™

HPLC, Cogent Diol 2.0™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Diamond Hydride 2.0™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent Diamond Hydride™

HPLC, Cogent C30™

SFC, Cogent Bidentate C18™



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